PROJECT ID: **9200-10-71**

WITH: 9200-10-72

COUNTY: **BROWN**

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SHAWANO - GREEN BAY

CTH VV INTERCHANGE

STH 29

BROWN COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9200-10-71		
9200-10-72		

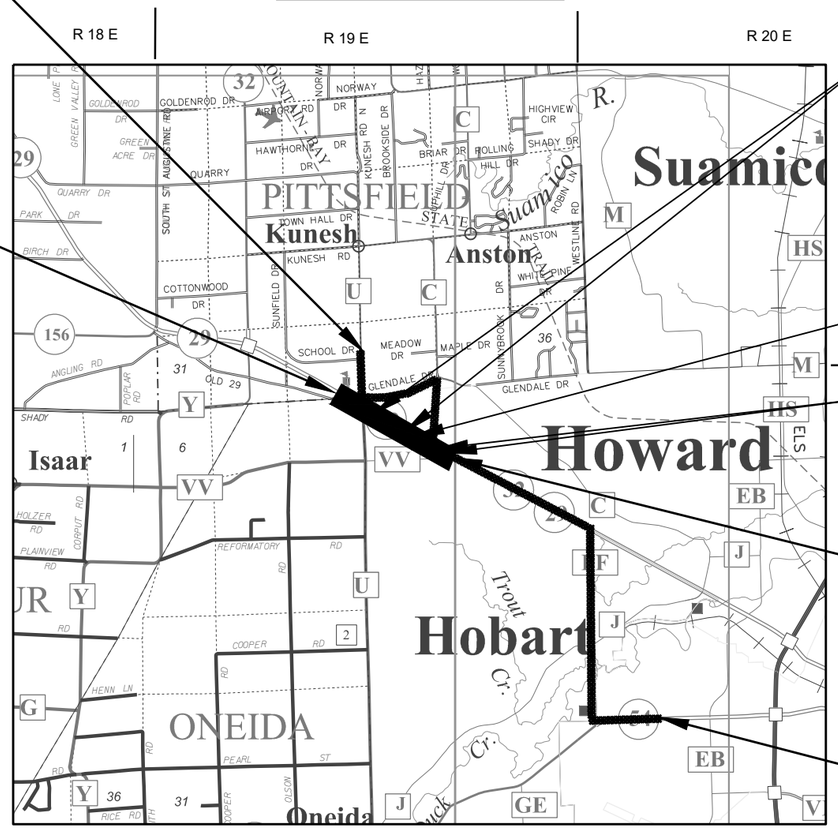
90% Plans
January 23, 2020



STATE PROJECT NUMBER
9200-10-71/72

END PROJECT 9200-10-72
STA. 437+10

BEGIN PROJECT 9200-10-71
STA. 479+68'EB'
Y = 593054.462
X = 53497.741



EXCEPTION TO NET CENTERLINE LENGTH
STA. 494+89'EB' TO STA. 516+04'EB'

STRUCTURE B-05-0416

EXCEPTION TO NET CENTERLINE LENGTH
STA. 567+22'EB' TO STA. 572+69'EB'

END PROJECT 9200-10-71
STA. 579+55'EB'

BEGIN PROJECT 9200-10-72
STA. 0+00

LAYOUT
SCALE 0 2 Mi.

TOTAL NET LENGTH OF CENTERLINE = 1.387 Miles

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), BROWN COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (YEAR). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

DESIGN DESIGNATION

		STH 29	CTH VV
A.A.D.T.	2021	25,600	5,100
A.A.D.T.	2041	32,400	11,200
D.H.V.	2041	3,305	1,400
D.D.		62/38	60/40
T.		6.9%	10.4%
DESIGN SPEED		75 MPH	40 MPH
ESALS		N/A	2,800,000

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300EB)
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

ORIGINAL PLANS PREPARED BY
AYRES

(Date)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AYRES ASSOCIATES
Designer	AYRES ASSOCIATES
Project Manager	MATTHEW TERNES
Regional Examiner	
Regional Supervisor	DANIEL SEGERSTROM

APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

PRE_1

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\010101-TI.DWG PLOT DATE : 1/23/2020 8:53 AM PLOT BY : SOUFAL, KEVIN PLOT NAME :

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

FILL, AS SHOWN ON THE PLAN SHEETS, PERTAINS TO EMBANKMENT CONSTRUCTED FROM EXCAVATION COMMON. THE FACTOR USED FOR EXPANDING THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 1.25.

A SAW JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT.

ALL TIES ON THIS PLAN ARE HORIZONTAL UNLESS DESCRIBED OTHERWISE.

RADIUS POINTS, UNLESS OTHERWISE NOTED, ARE TO FACE OF CURB.

CURVE DATA IS BASED ON ARC DEFINITION.

BEARINGS SHOWN ON THE PLAN ARE TRUE BEARINGS.

PROPERTY LINES SHOWN ARE APPROXIMATE.

CONCRETE DEPTH ON ALL CURB RAMPS SHALL BE 6-INCH.

COVER ALL SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

REMOVAL OF ANY MESH OR REINFORCEMENT FOUND IN CONCRETE PAVEMENT SHALL BE INCIDENTAL TO THE REMOVING PAVEMENT ITEM.

THE REMOVAL OF ASPHALTIC DRIVEWAYS WILL BE PAID FOR AS EXCAVATION COMMON.

MAINTAIN DRIVING SURFACE TO ALL PROPERTY OWNERS WITH BASE AGGREGATE DENSE 1 1/4-INCH.

THE EXACT LOCATIONS OF PRIVATE ENTRANCES ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS. BASE AGGREGATE DENSE 1 1/4-INCH WILL BE USED UNDER ALL DRIVEWAYS.

SAW CUT ASPHALTIC AND CONCRETE DRIVEWAYS AND/OR PARKING LOTS AT THE MATCHLINE AS SHOWN ON THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS, FLOODWAY OR FLOODPLAIN OF ANY WETLANDS.

PLACE EROSION CONTROL DEVICES IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER. EROSION CONTROL FEATURES ARE SHOWN AT APPROXIMATE LOCATIONS, WITH EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL BY THE ENGINEER. FINAL LIMITS OF FENCE REMOVAL TO BE DETERMINED BY THE ENGINEER.

STATIONING, DISTANCES, AND OFFSETS FOR SIGNS AND TRAFFIC CONTROL DEVICES SHOWN IN THE PLANS ARE APPROXIMATE. EXACT LOCATIONS ARE DETERMINED BY THE ENGINEER.

RESHAPE AND SEEDING OF ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE ENGINEER DETERMINED CONSTRUCTION LIMITS ARE INCIDENTAL TO THE CONTRACT.

WisDOT WILL FURNISH A BENCHMARK MONUMENT TO BE SET BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER IN THE FIELD.

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ET AL	AND OTHERS
BK	BACK
BLDG	BUILDING
BLK	BLOCK
BR	BRIDGE
CB	CATCH BASIN
C/L	CENTERLINE
Δ	CENTRAL ANGLE OR DELTA
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CPCA	CULVERT PIPE CORRUGATED ALUMINUM
CPCS	CULVERT PIPE CORRUGATED STEEL
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CP	CULVERT PIPE
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DNV	DESIGN HOURLY VOLUME
DIA	DIAMETER
DWY	DRIVEWAY
E	EAST
X	EAST COORDINATE
EB	EASTBOUND
EL OR ELEV	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOAD
EXIST	EXISTING
F-F	FACE TO FACE
FE	FIELD ENTRANCE
FG	FINISHED GRADE
FT	FOOT
INL	INLET
INV	INVERT
IP	IRON PIPE OR PIN
LT	LEFT
L	LENGTH OF CURVE
LIN. FT OR FT.	LINEAL FOOT
MH	MANHOLE
N/C	NORMAL CROWN
NW OR N/W	NORMAL WATER
N	NORTH
Y	NORTH COORDINATE
NB	NORTHBOUND
PT	POINT
PCC	POINT OF COMPOUND CURVE
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVATURE
POC	POINT ON CURVE
POT	POINT OF TANGENT
R/L	REFERENCE LINE
REBAR	REINFORCED BAR
REQ'D.	REQUIRED
R/W	RIGHT OF WAY
R	RADIUS
S	SOUTH
SB	SOUTHBOUND
STH	STATE TRUNK HIGHWAY
STA	STATION
SS	STORM SEWER
SE	SUPERELEVATION
SURF	SURFACE
T	TANGENT
TYP	TYPICAL
WB	WESTBOUND

PROJECT AND UTILITY CONTACTS

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
NORTHEAST REGION HEADQUARTERS
ATTN: JIM DOPERALSKI JR.
2984 SHAWANO AVENUE
P.O. BOX 10488
GREEN BAY, WI 54307-0448
PHONE: 920-412-0165
EMAIL: james.doperalski@wisconsin.gov

WIS. DEPT OF TRANSPORTATION
NORTHEAST REGION - PRIMARY CONTACT
ATTN: MATTHEW TERNES-PROJECT MANAGER
944 VANDERPERRON WAY
PO BOX 28080
GREEN BAY, WI 54324-0080
PHONE:920-366-3028
EMAIL:matthew.ternes@dot.wi.gov

AYRES ASSOCIATES
ATTN: PHIL VERVILLE III
3376 PACKERLAND DRIVE
ASHWAUBENON, WI 54115
PHONE: 920-327-7822
EMAIL: Vervillep@ayresassociates.com

ATC MANAGEMENT, INC.-ELECTRICITY-TRANMISSION
ATTN: MIKE OLSEN
801 O'KEEFE ROAD
PO BOX 6113
DE PERE, WI 54115-6113
PHONE: 920-338-6582
EMAIL: molsen@atcllc.com

* AT&T WISCONSIN-COMMUNICATION LINE
ATTN: SHEA GORZELANCZYK
FIRST FLOOR ENGINEERING
205 S. JEFFERSON STREET
GREEN BAY, WI 54301
PHONE: 920-433-4250
EMAIL: Sg2528@att.com

BROWN COUNTY SURVEYOR
ATTN: RYAN L. DUCKART, PLS
PO BOX 23600
GREEN BAY, WI 54305-3600
920-448-4493
Ryan.Duckart@browncountywi.gov

* NORTHEAST TELEPHONE COMPANY LLC
ATTN: RICK VINCENT
450 SECURITY BLVD.
PO BOX 17079
GREEN BAY, WI 54307-9079
PHONE: 920-617-7316
EMAIL: rick.vincent@nsight.com

* VILLAGE OF HOBART
ATTN: JERRY LANCELLE
2990 S. PINETREE ROAD
HOBART, WI 54155
PHONE: 920-869-3807
EMAIL: jerry@hobart-wi.org

PITTSFIELD SANITARY DISTRICT#1
ATTN: ALAN TAUSCHER-SANITARY DISTRICT PRESIDENT
2100 COUNTY RD C
GREEN BAY, WI 54313
PHONE: 920-366-3836
EMAIL: allata@hotmail.com

* NET LEC LLC
ATTN: RICK VINCENT
450 SECURITY BLVD.
PO BOX 17079
GREEN BAY, WI 54307-9079
PHONE: 920-617-7316
EMAIL: rick.vincent@nsight.com

* ATC MANAGEMENT, INC
ATTN: TONY MARCINIAK
W234 N200 RIDGEVIEW PARKWAY COURT
PO BOX 47
WAUKESHA, WI 53187-0047
PHONE: 262-506-6814
MAIL: amarciniak@atcllc.com

* CENTRAL BOWN COUNTY WATER AUTHORITY-WATER
ATTN: ROBERT MICHAELSON
1303 S. 8TH ST
PO BOX 1090
MANITOWOC, WI 54221-1090
PHONE: 920-686-4354
EMAIL: rmichaelson@mpu.org

* CHARTER COMMUNICATIONS
ATTN: VINCE ALBIN
3520 DESTINATION DR
APPLETON, WI 54915
PHONE: 920-831-9249
EMAIL: vince.albin@charter.com

* VILLAGE OF HOWARD WATER AND SEWER DEPARTMENT
ATTN: GEOFF FARR
1336 CORNELL RD
GREEN BAY, WI 54313
PHONE: 920-434-4060
EMAIL: GFarr@villageofhoward.com

* WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRIC
ATTN: LORI BUTRY
700 N. ADAMS STREET
PO BOX 19001
GREEN BAY, WI 54307-9001
PHONE: 920-433-1703
EMAIL: UtilitiesRelocation@wisconsinpublicservice.com

* WISCONSIN PUBLIC SERVICE CORPORATION - GAS
ATTN: LORI BUTRY
700 N. ADAMS STREET
PO BOX 19001
GREEN BAY, WI 54307-9001
PHONE: 920-433-1703
EMAIL: UtilitiesRelocation@wisconsinpublicservise.com

GENERAL MAILBOX CENTURYLINK NATIONAL OSP RELOC
CENTURYLINK COMMUNICATIONS, LLC-COMMUNICATION LINE
XXXX XXXX
XXXXX XXXXX XX
XXXXXXXXX, XX XXXXX
EMAIL: CenturylinkNationalOSPRelocations@centurylink.com

* CITY OF GREENBAY-SEWER AND WATER
ATTN: STEVE GRENIER
100 N. JEFFERSON STREET
GREEN BAY, WI 54301
PHONE: 920-448-3100
stevegr@greenbaywi.gov

* NEW WATER
ATTN: ROB REINHART
2231 N. QUINCY STREET
GREEN BAY, WI 54302-1248
PHONE: 920-438-1035
EMAIL: rreinhart@newwater.us

* WISCONSIN DEPT. OF TRANSPORTATION-COMMUNICATION LINE
ATTN: JEFF MADSON
433 W. ST. PAUL AVENUE
SUITE 300
MILWAUKEE, WI 53203-3007
PHONE: 414-225-3723
MAIL: Jeffrey.Madson@dot.wi.gov

* WISCONSIN INDEPENDENT NETWORK, LLC-COMMUNICATION LINE
ATTN: JOHN LOUIS
4955 BULLIS FARM ROAD
EAU CLAIRE, WI 54701
PHONE: 715-838-4012
EMAIL: john.louis@wintechnology.com

* ONEIDA TRIBE OF INDIANS UTILITY DEPARTMENT
ATTN: TOM KROS
909 PACKERLAND DRIVE
GREEN BAY, WI 54303
PHONE: 920-496-7382
EMAIL: tkros@oneidanation.org

* ONEIDA TRIBE OF INDIANS UTILITY DEPARTMENT-ELECTRICITY
ATTN: STEVE COTRELL
3783 W. MASON STREET
P.O. BOX 365
ONEIDA, WI 54155
PHONE: 920-497-5806

* ONEIDA TRIBE OF INDIANS UTILITY DEPARTMENT-SEWER AND WATER
ATTN: STEVE COTRELL
3783 W. MASON STREET
P.O. BOX 365
ONEIDA, WI 54155
PHONE: 920-497-5806

*-MEMBER OF DIGGERS HOTLINE

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

ORDER OF SECTION 2 SHEETS

GENERAL NOTES & CONTACTS
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
PLAVEMET GRADES
PLAN OFFSETS
CURB RAMP DETAILS
CONTOUR MAPS
CROSS SECTION MATCHLINES
EROSION CONTROL
STORM SEWER
BROADBAND FIBER
PLANTING
PERMANENT SIGNING
LIGHTING
PAVEMENT MARKING
TRAFFIC CONTROL
STAGE CONSTRUCTION
DETOURS
ALIGNMENT DIAGRAM

2

BEGIN PROJECT
STA. 479+68'EB'
Y = 593054.462
X = 53497.741

450'EB'
460'EB'
470'EB'
480'EB'
490'EB'
500'EB'
510'EB'
520'EB'
530'EB'
540'EB'
550'EB'
560'EB'
570'EB'
580'EB'
590'EB'
600'EB'
610'EB'
620'EB'
630

COUNTY LINE RD.
CTH U

TOWN OF PITTSFIELD

EXCEPTION TO NET CENTERLINE LENGTH
STA. 494+89'EB' TO STA. 516+04'EB'

GLENDALE AVE.

BROWN COUNTY
OUTAGAMIE COUNTY

OLD STH 29

105'OH'
110'OH'
115'OH'
100'OH'

EMD CONSTRUCTION
STA. 113+50'OH'

BEGIN CONSTRUCTION
STA. 100+00'OH'

STH 29/32 WB
STH 29/32 EB

MARLEY ST.
80'NB'
70'NB'

BEGIN CONSTRUCTION
STA. 798+25'MW'

BEGIN CONSTRUCTION
STA. 597+65.5'EGE'

END CONSTRUCTION
STA. 66+00'NB'

800'MW'

MILLWOOD CT.

END CONSTRUCTION
STA. 800+00.40'MW'

VILLAGE OF HOWARD

EXCEPTION TO NET CENTERLINE LENGTH
STA. 567+22'EB' TO STA. 572+69'EB'

BEGIN CONSTRUCTION
STA. 700+00'CT'

610'EGE'
EVERGREEN AVE.
630'EGE'
640'EGE'
BRONCO CT.

510'RD'
520'RD'
530'EB'
RAMP D
RAMP A
210'RA'
540'EB'
RAMP C
550'EB'
310'RB'
RAMP B
40'NB'
30'NB'
685'TH'

STRUCTURE B-05-0416

MILLTOWN RD.

N. COUNTY LINE RD.
CTH U
CTH VV

BEGIN CONSTRUCTION
STA. 27+00'NB'

BEGIN CONSTRUCTION
STA. 100+00'CE'

BEGIN CONSTRUCTION
STA. 684+98'T'

END CONSTRUCTION
STA. 119+76.2'CE'

140'CE'
120'CE'
CTH TS

END CONSTRUCTION
STA. 709+05.45'CT'

END CONSTRUCTION
STA. 642+50'EGE'

570'EB'
580'EB'
590'EB'
600'EB'
610'EB'
620'EB'

END PROJECT
STA. 579+55'EB'
Y = 588097.534
X = 62153.739

N. OVERLAND RD.

VILLAGE OF HOBART

OUTAGAMIE COUNTY
BROWN COUNTY

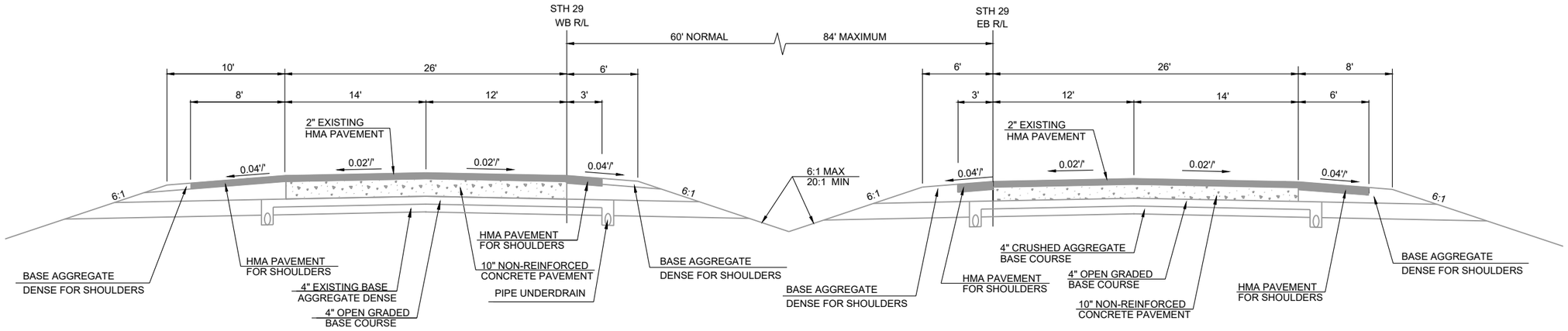
N

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OVERVIEW	SHEET E

PRE_3

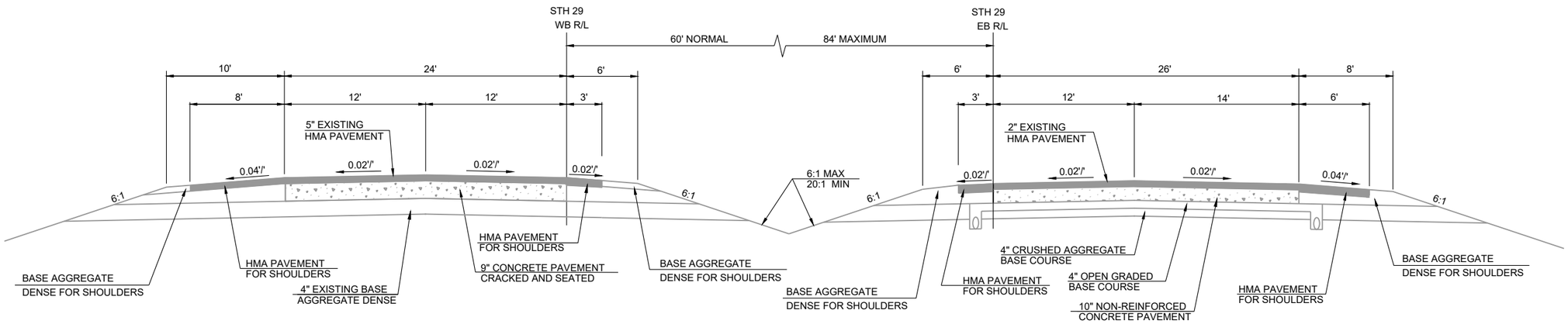
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 020201 po
PLOT DATE : 1/24/2020 7:07 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT

2



EXISTING TYPICAL SECTION FOR STH 29

STA. 479+68'EB' - STA. 494+89'EB'



EXISTING TYPICAL SECTION FOR STH 29

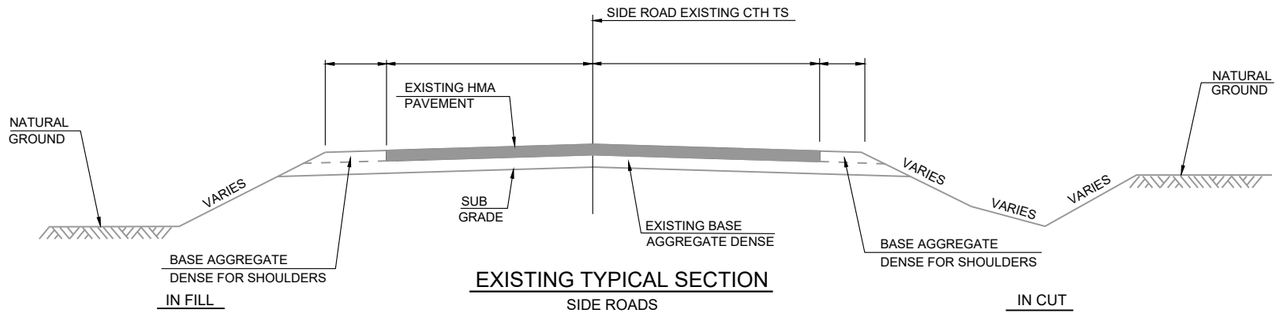
STA. 516+04'EB' - STA. 567+22'EB'
STA. 572+69'EB' - STA. 579+55'EB'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_4 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020301 ts

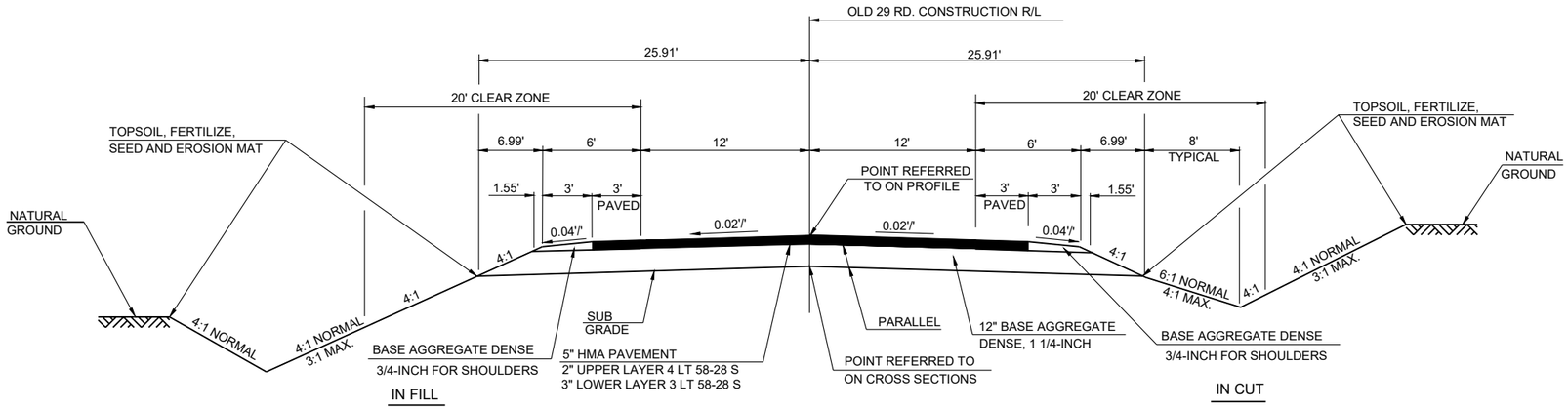
PLOT DATE : 1/22/2020 7:13 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



EXISTING TYPICAL SECTION
SIDE ROADS

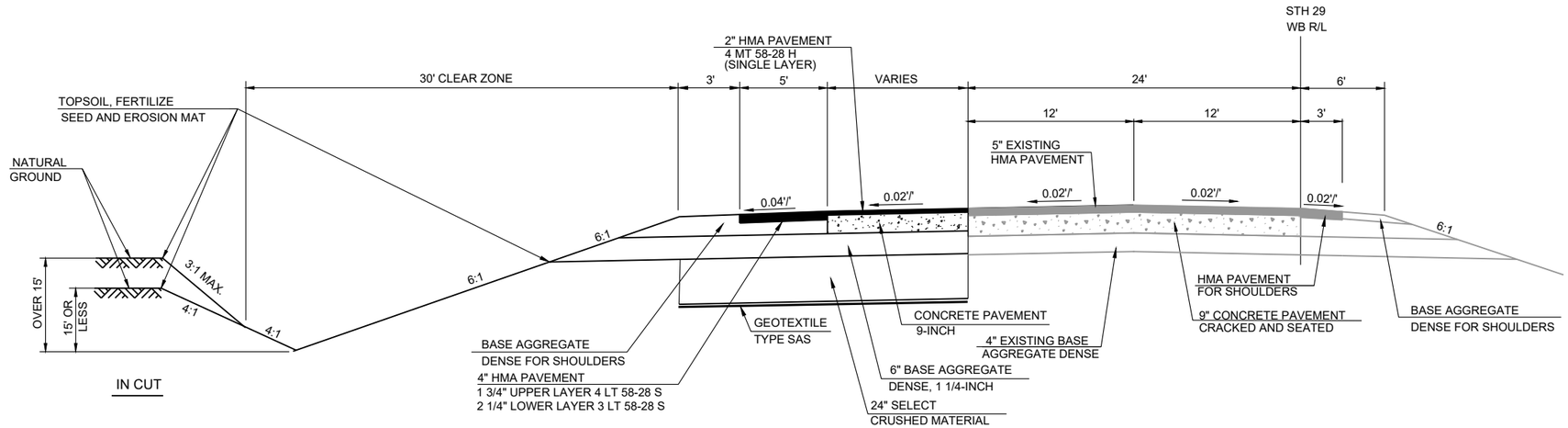
ROADWAY NAME	LOCATION	MATERIAL TYPE	BASE AGGREGATE DEPTH	ASPHALT DEPTH	CONCRETE DEPTH	ROADWAY WIDTH	PAVED SHOULDER WIDTH	BASE AGGREGATE SHOULDER WIDTH	
								LEFT	RIGHT
CTH U	S. OF STH 29	ASPHALT	5"-24"	7"-13"	----	24'	3'	2'-4'	2'-4'
CTH U	N. OF STH 29	ASPHALT	28"-32"	5"-8"	----	24'	----	7'-8'	3'-4'
OLD STH 29 ROAD		ASPHALT OVER CONCRETE	11"-15"	2"	9"	24'	----	8'-10'	8'-10'
CTH VV		ASPHALT	3"-9"	9"-13"	----	24'	----	2'-3'	2'-3'
CTH TS		ASPHALT	----	----	----	20'-22'	----	0'-2'	0'-2'
MARLEY ST.		ASPHALT	8"-17"	11"-15"	----	22'	----	2'-4'	2'-4'
MILLWOOD CT.		ASPHALT	-----	----	----	22'	----	3'-4'	3'-4'
MILLTOWN RD.		ASPHALT	8"-27"	7"-12"	----	22'-24'	----	2'-4'	2'-4'



TYPICAL FINISHED SECTION FOR OLD 29 ROAD

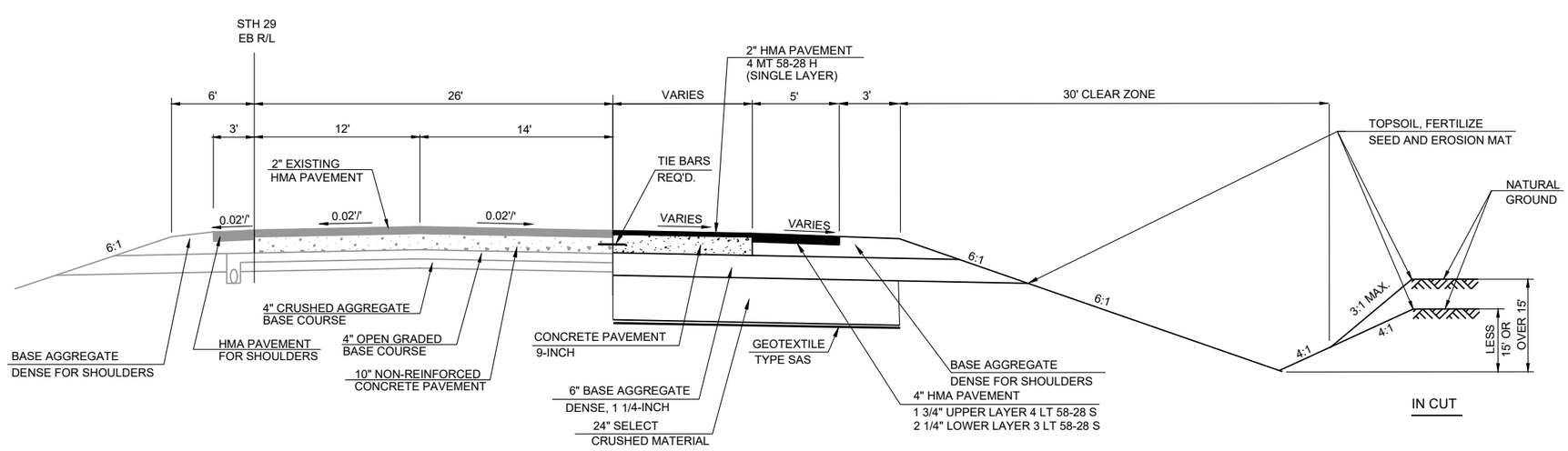
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_5 E

2



TYPICAL FINISHED SECTION FOR STH 29
ENTRANCE AND EXIT RAMPS

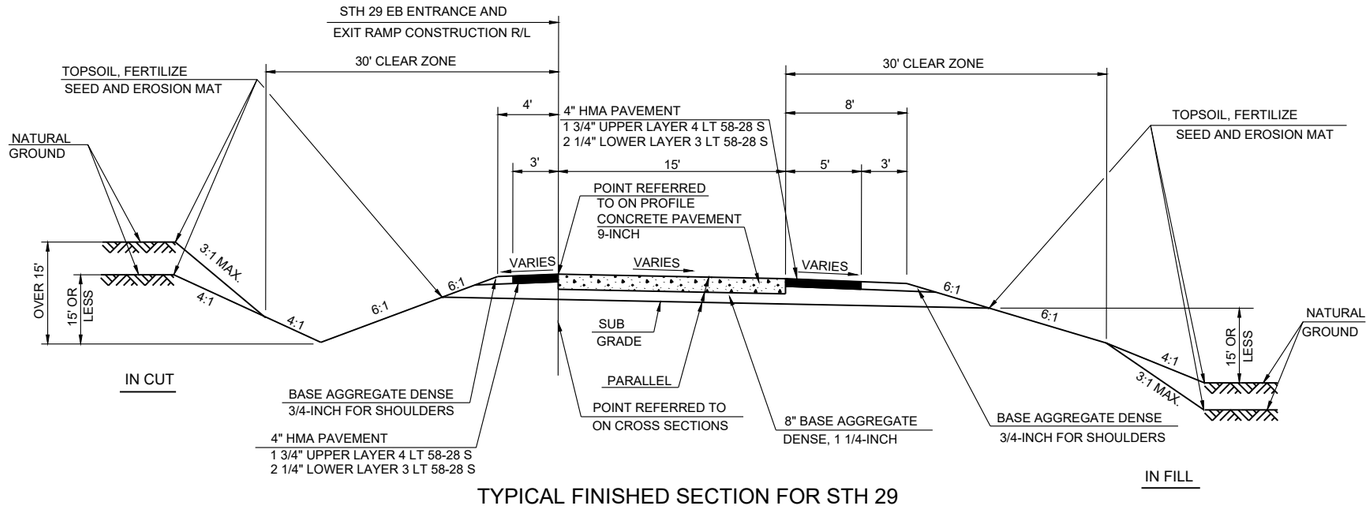
STA. 516+03.92'WB' - STA. 528+63.73'WB'
STA. 554+16.13'WB' - STA. 567+22.28'WB'



TYPICAL FINISHED SECTION FOR STH 29
ENTRANCE AND EXIT RAMPS

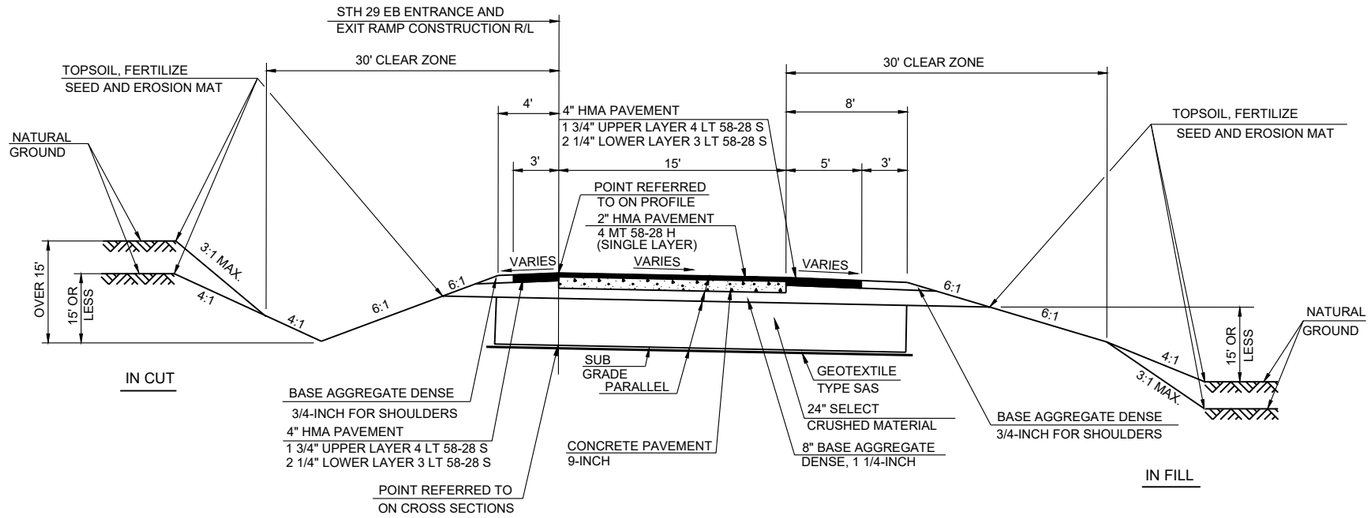
STA. 524+19.18'EB' - STA. 529+45.89'EB'
STA. 554+09.60'EB' - STA. 566+61.18'EB'

2



TYPICAL FINISHED SECTION FOR STH 29 ENTRANCE AND EXIT RAMPS

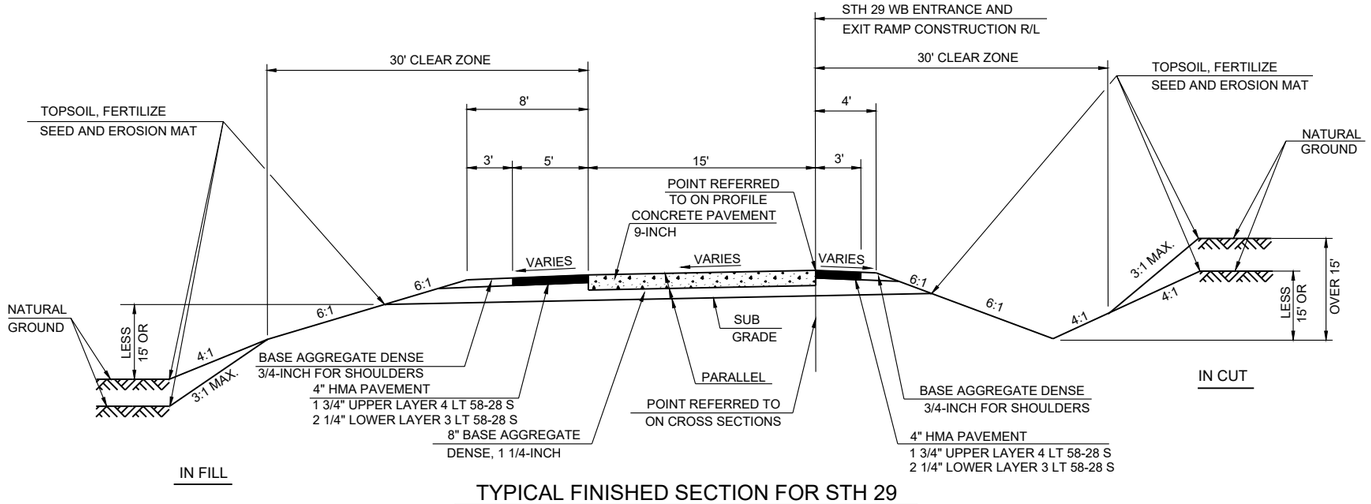
STA 206+50 'RA' - STA 215+19.10 'RA'
STA 300+64.94 'RB' - STA 310+00 'RB'



TYPICAL FINISHED SECTION FOR STH 29 ENTRANCE AND EXIT RAMPS

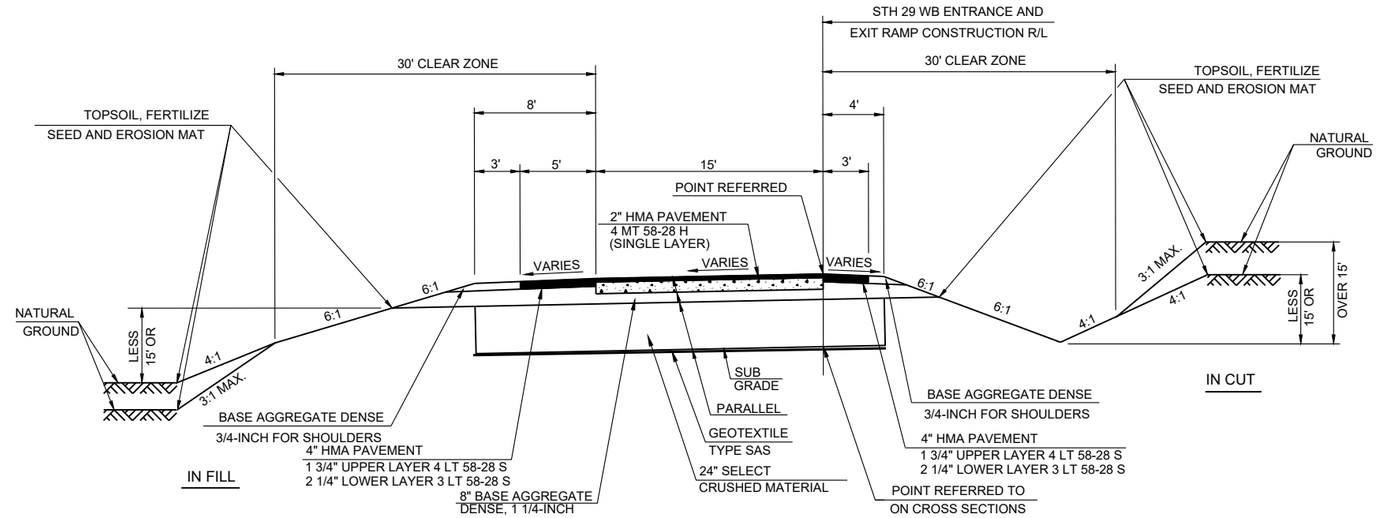
STA 204+76.60'RA' - STA 206+50'RA'
STA 310+00'RB' - STA 312+24.52'RB'

2



TYPICAL FINISHED SECTION FOR STH 29 ENTRANCE AND EXIT RAMPS

STA 401+35.82 'RC' - STA 409+00 'RC'
STA 514+50 'RD' - STA 525+12.37 'RD'



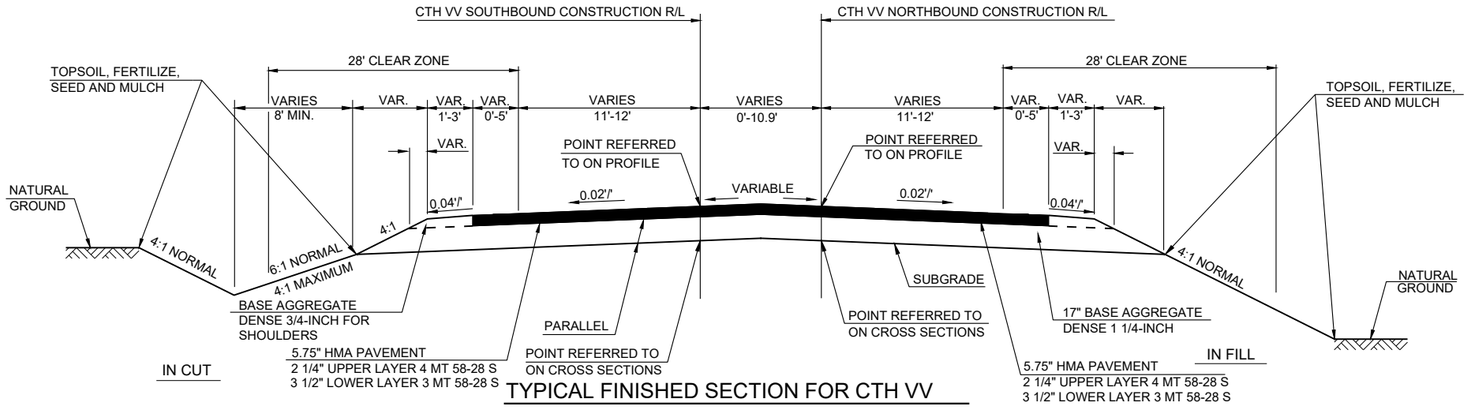
TYPICAL FINISHED SECTION FOR STH 29 ENTRANCE AND EXIT RAMPS

STA 409+00'RC' - STA 411+58.49'RC'
STA 512+58.98'RD' - STA 514+50'RD'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_8 E

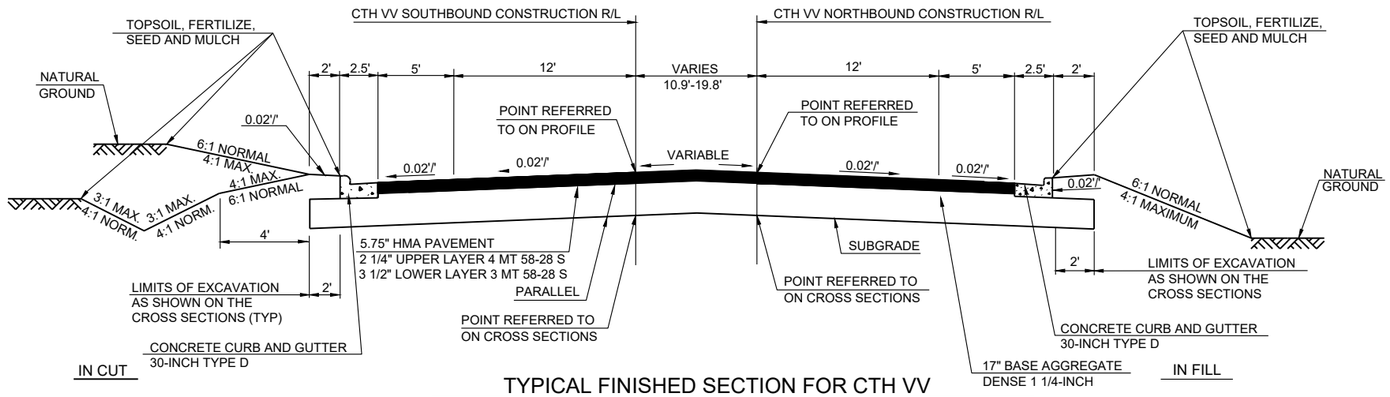
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020305 ts
PLOT DATE : 1/22/2020 7:13 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR CTH VV

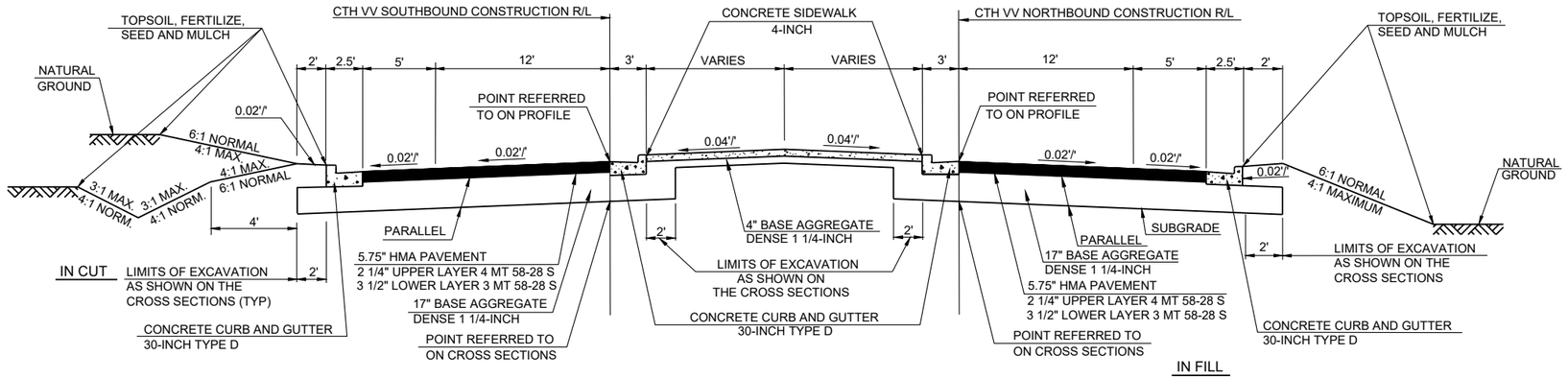
STA. 27+00.00 - STA. 27+90 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 27+00.00 - STA. 28+50 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT



TYPICAL FINISHED SECTION FOR CTH VV

STA. 27+90 - STA. 29+58.18 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 28+50 - STA. 29+58.18 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT

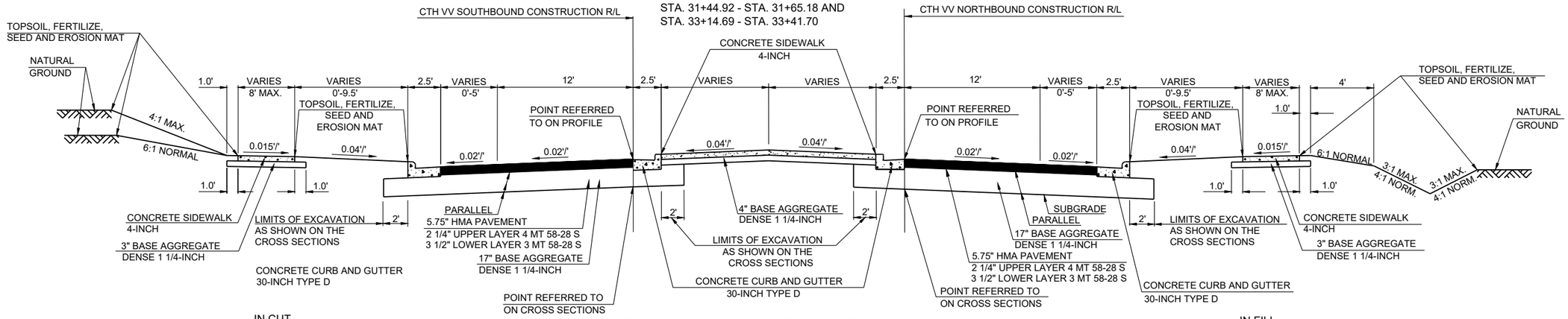
2



TYPICAL FINISHED SECTION FOR CTH VV

STA. 29+58.18 - STA. 30+59.06 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 29+58.18 - STA. 30+74.56 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT

NOTE:
CONCRETE SIDEWALK 4-INCH
STAMPING COLORED CONCRETE IN MEDIAN
STA. 31+44.92 - STA. 31+65.18 AND
STA. 33+14.69 - STA. 33+41.70



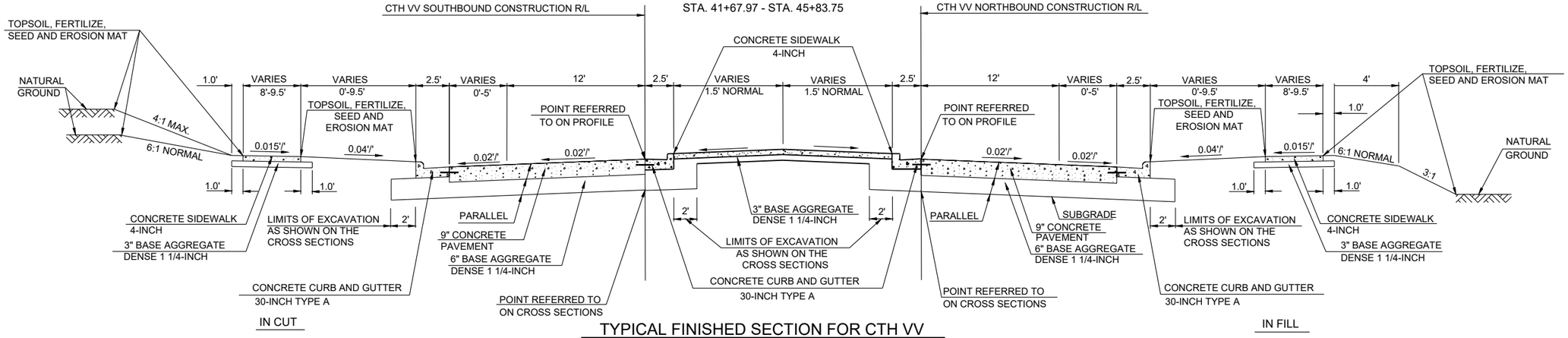
TYPICAL FINISHED SECTION FOR CTH VV

STA. 30+59.06 - STA. 31+65.18 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 30+74.56 - STA. 31+65.18 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT
STA. 33+14.69 - STA. 41+28.97 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 33+14.69 - STA. 41+33.95 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_10 E

2

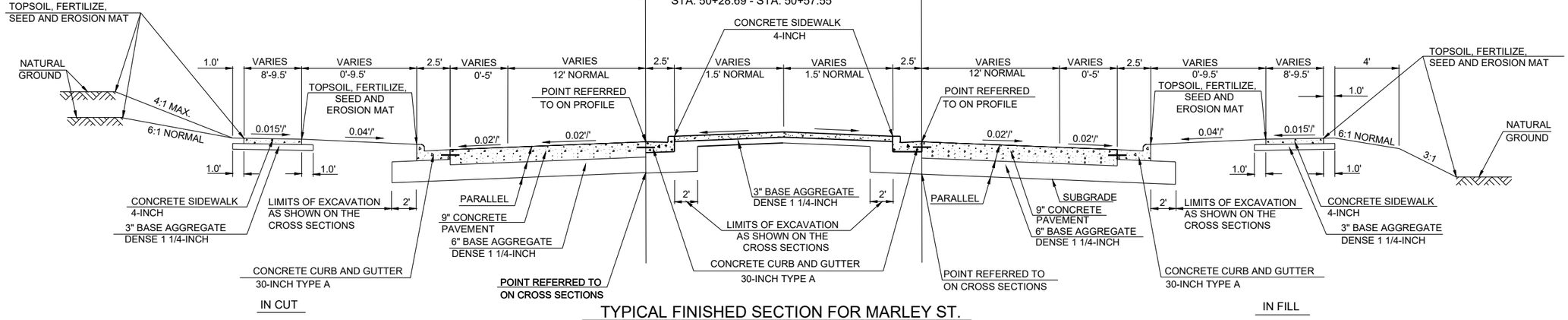
NOTE:
CONCRETE SIDEWALK 4-INCH
STAMPING COLORED CONCRETE IN MEDIAN
STA. 41+67.97 - STA. 45+83.75



TYPICAL FINISHED SECTION FOR CTH VV

STA. 41+28.97 - STA. 41+88.26 CTH VV NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 41+33.95 - STA. 41+88.26 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT
STA. 43+37.21 - STA. 45+83.75 CTH VV NORTHBOUND CONSTRUCTION R/L LEFT AND RIGHT

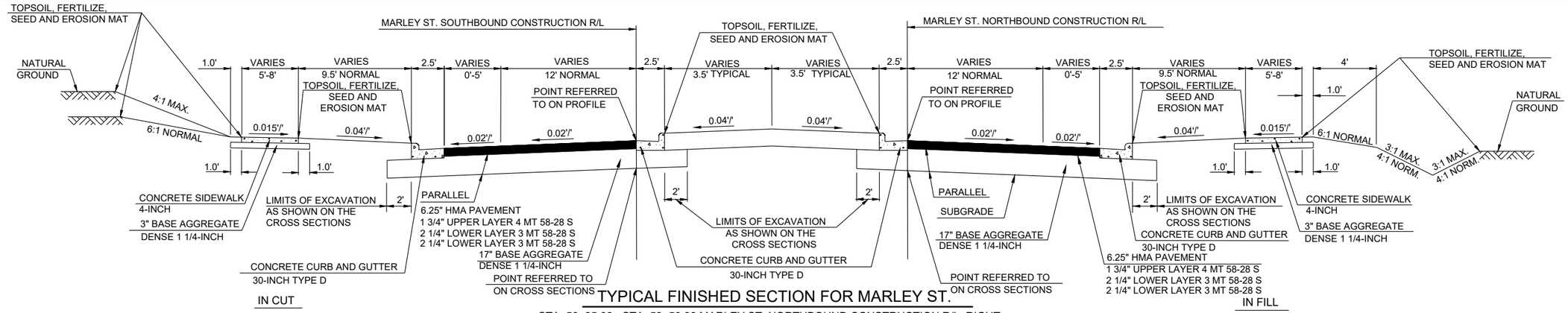
NOTE:
CONCRETE SIDEWALK 4-INCH
STAMPING COLORED CONCRETE IN MEDIAN
STA. 47+44.25 - STA. 48+79.89 AND
STA. 50+28.69 - STA. 50+57.55



TYPICAL FINISHED SECTION FOR MARLEY ST.

STA. 47+44.25 - STA. 48+78.89 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT AND RIGHT
STA. 50+28.69 - STA. 50+85.66 MARLEY ST. NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 50+28.69 - STA. 51+09.55 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT

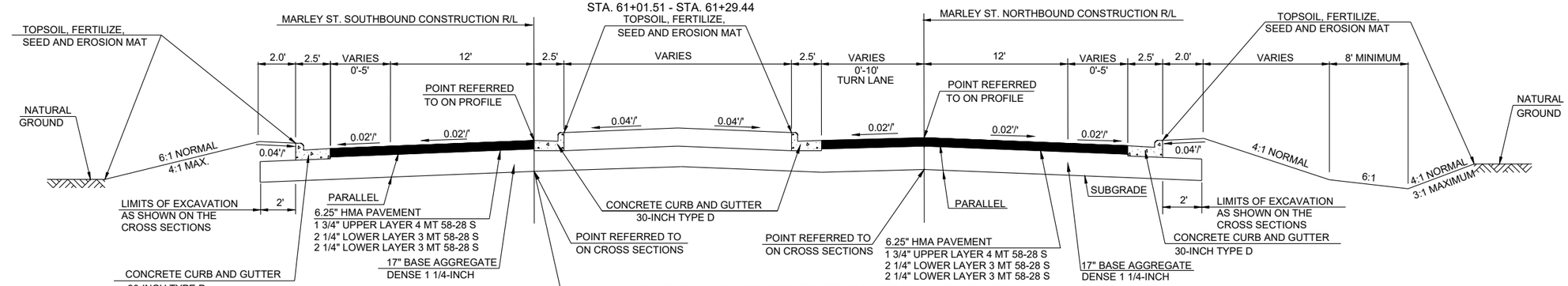
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E



TYPICAL FINISHED SECTION FOR MARLEY ST.

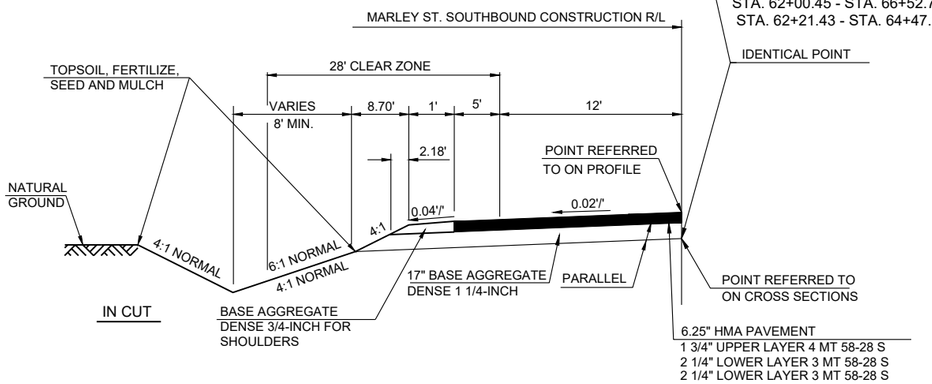
STA. 50+85.66 - STA. 59+50.96 MARLEY ST. NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 50+28.69 - STA. 59+50.96 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT
STA. 61+01.51 - STA. 62+00.45 MARLEY ST. NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 61+01.51 - STA. 62+21.43 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT

NOTE:
CONCRETE SIDEWALK 4-INCH
STAMPING COLORED CONCRETE IN MEDIAN
STA. 59+30.69 - STA. 59+50.96 AND
STA. 61+01.51 - STA. 61+29.44



TYPICAL FINISHED SECTION FOR MARLEY ST.

STA. 62+00.45 - STA. 66+52.73 MARLEY ST. NORTHBOUND CONSTRUCTION R/L RIGHT
STA. 62+21.43 - STA. 64+47.13 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT



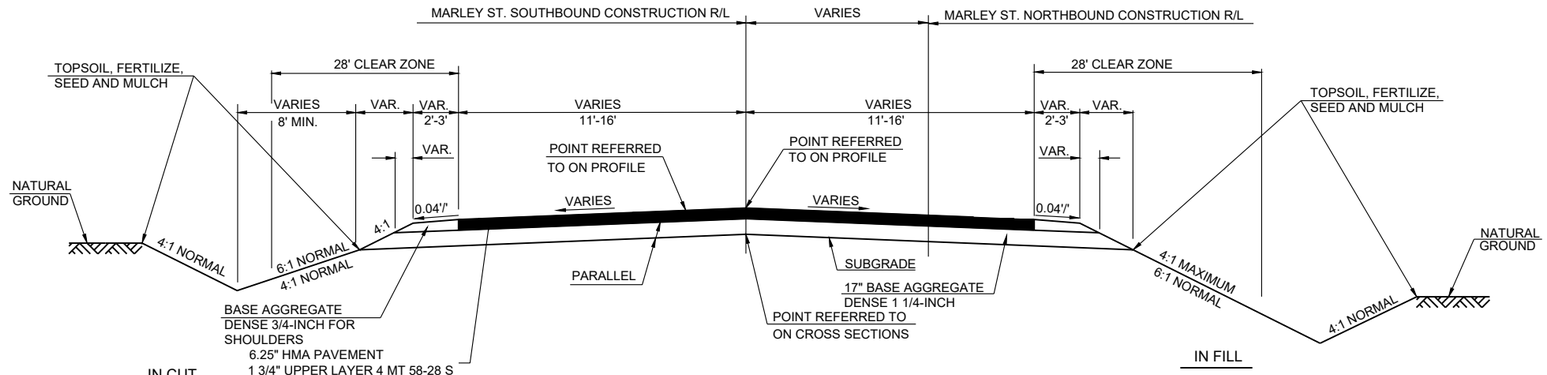
TYPICAL FINISHED SECTION FOR MARLEY ST.

STA. 64+47.13 - STA. 66+52.73 MARLEY ST. NORTHBOUND CONSTRUCTION R/L LEFT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_12 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020309 ts
PLOT DATE : 1/22/2020 7:13 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR MARLEY ST.

STA. 65+25 - STA. 66+00 MARLEY ST. NORTHBOUND CONSTRUCTION R/L

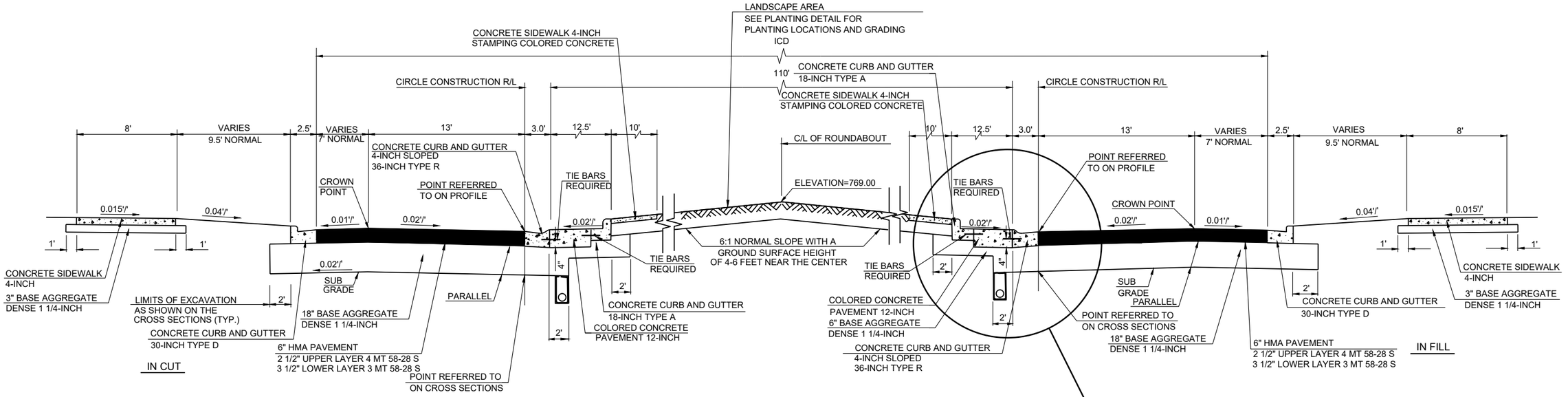
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E

PRE_13

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020310 ts

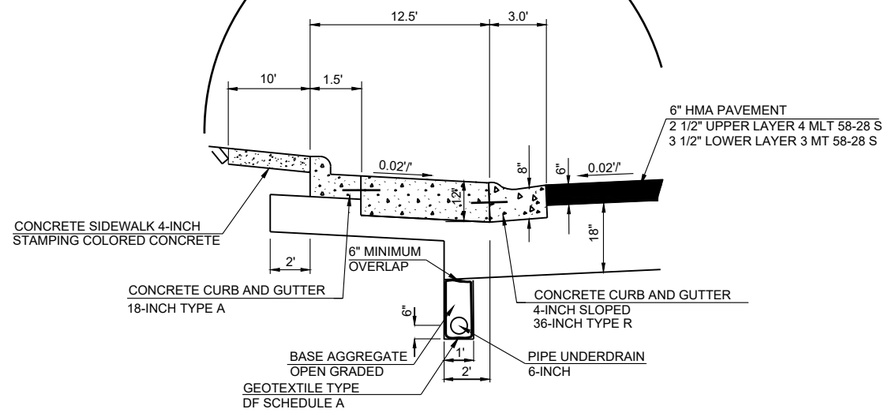
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR CTH VV/CTH TS

ROUNDABOUT DETAIL



TRUCK APRON (TYPICAL)

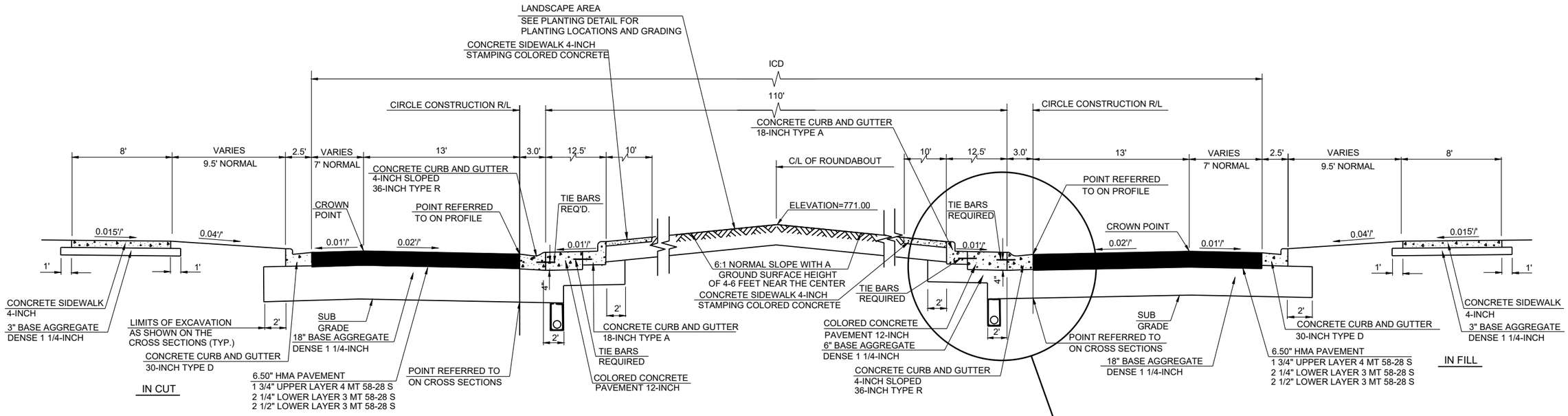
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E

PRE_14

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020311 ts

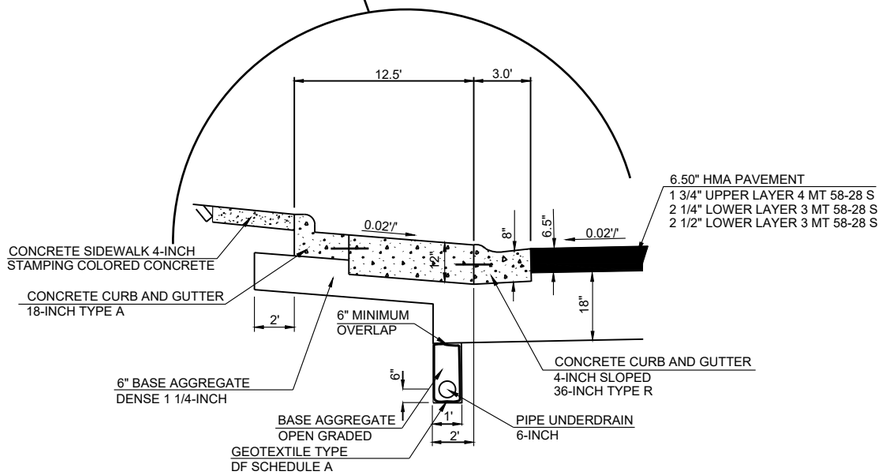
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR MARLEY ST./EVERGREEN AVE.

ROUNDABOUT DETAIL



TRUCK APRON (TYPICAL)

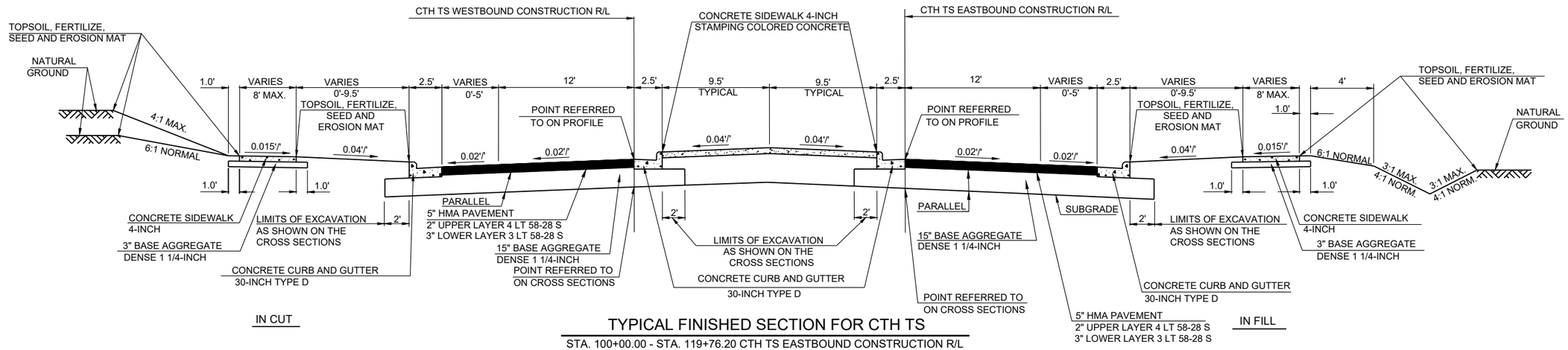
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E

PRE_15

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020313 ts

PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

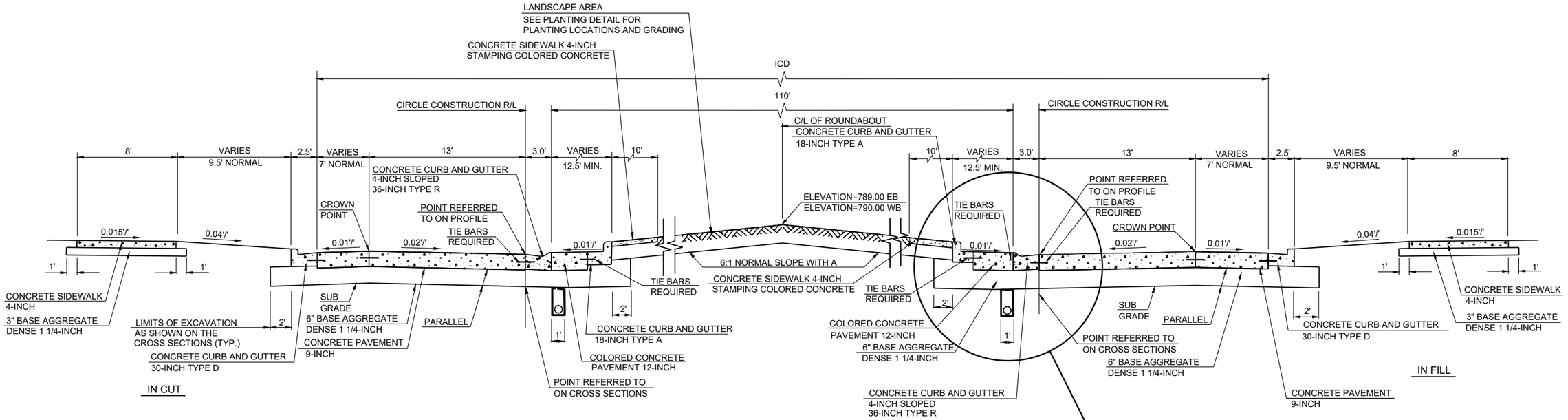
2



TYPICAL FINISHED SECTION FOR CTH TS

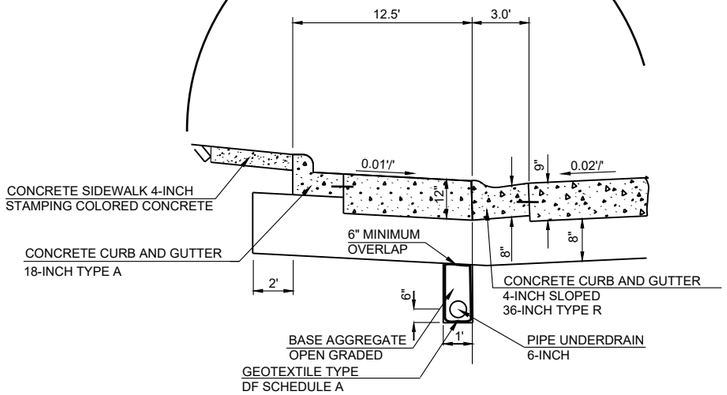
STA. 100+00.00 - STA. 119+76.20 CTH TS EASTBOUND CONSTRUCTION R/L

2



TYPICAL FINISHED SECTION FOR CTH VV/STH 29 EB AND WB RAMPS

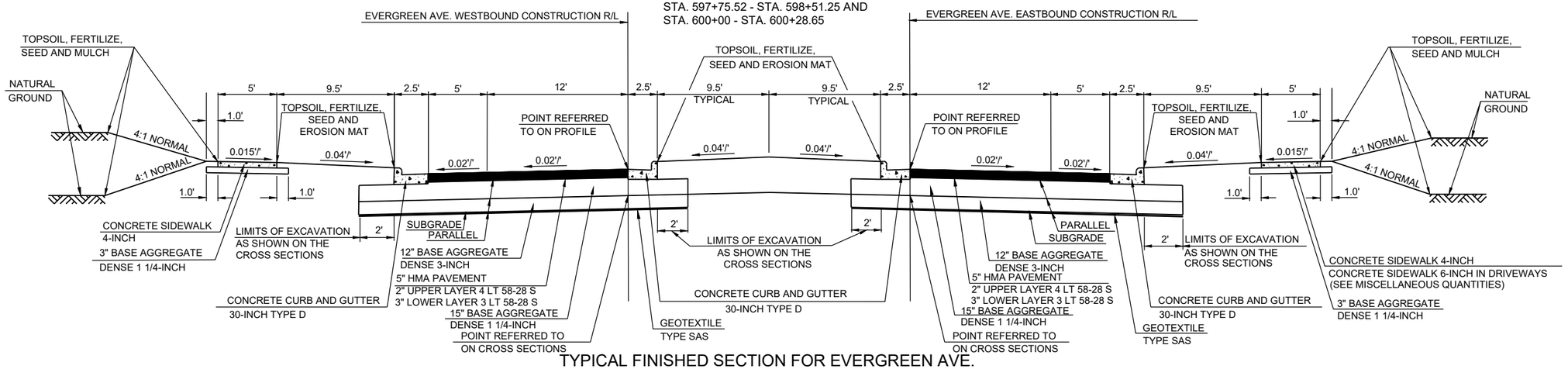
ROUNDABOUT DETAIL



TRUCK APRON (TYPICAL)

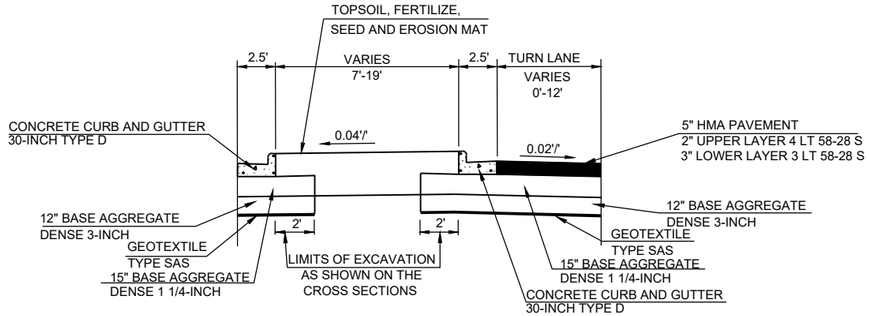
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_17 E

NOTE:
CONCRETE SIDEWALK 4-INCH
STAMPING COLORED CONCRETE IN MEDIAN
STA. 597+75.52 - STA. 598+51.25 AND
STA. 600+00 - STA. 600+28.65



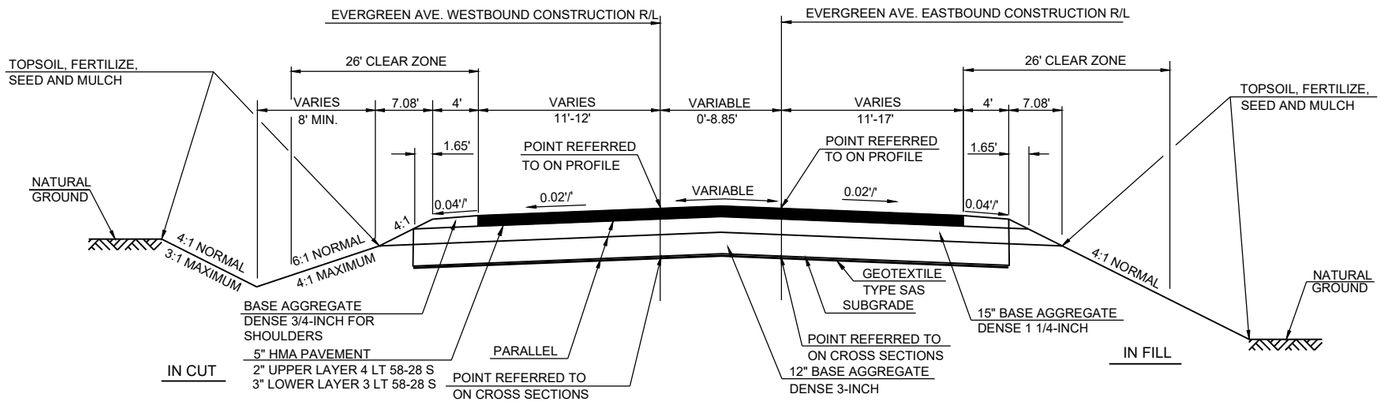
TYPICAL FINISHED SECTION FOR EVERGREEN AVE.

STA. 597+75.52 - STA. 598+51.25 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L
STA. 600+00.00 - STA. 634+74.20 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L



TYPICAL FINISHED SECTION FOR EVERGREEN AVE. AT TURN LANES

STA. 607+29.5 - STA. 609+87.7 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L
STA. 623+94.4 - STA. 626+35.1 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L
STA. 627+48.7 - STA. 630+10.9 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L



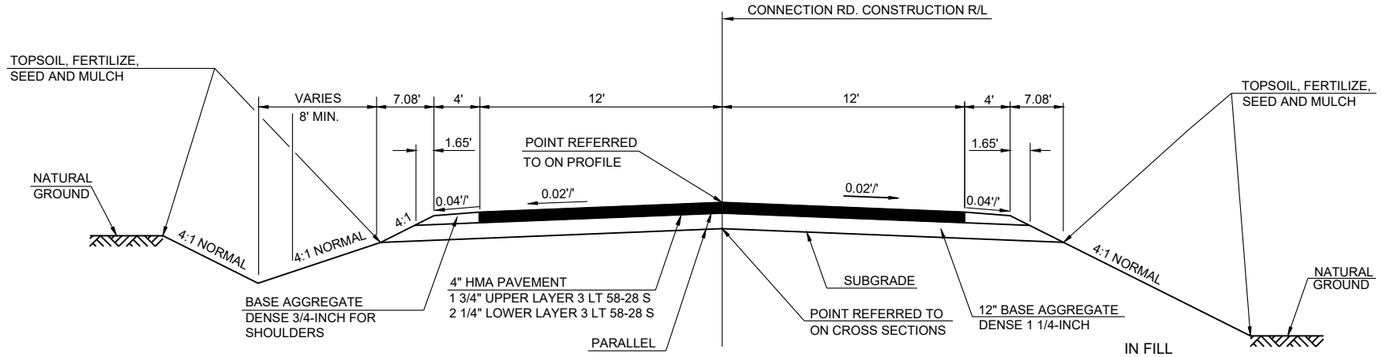
TYPICAL FINISHED SECTION FOR EVERGREEN AVE.

STA. 634+74.20 - STA. 642+50.00 EVERGREEN AVE. EASTBOUND CONSTRUCTION R/L

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET PRE_18 E

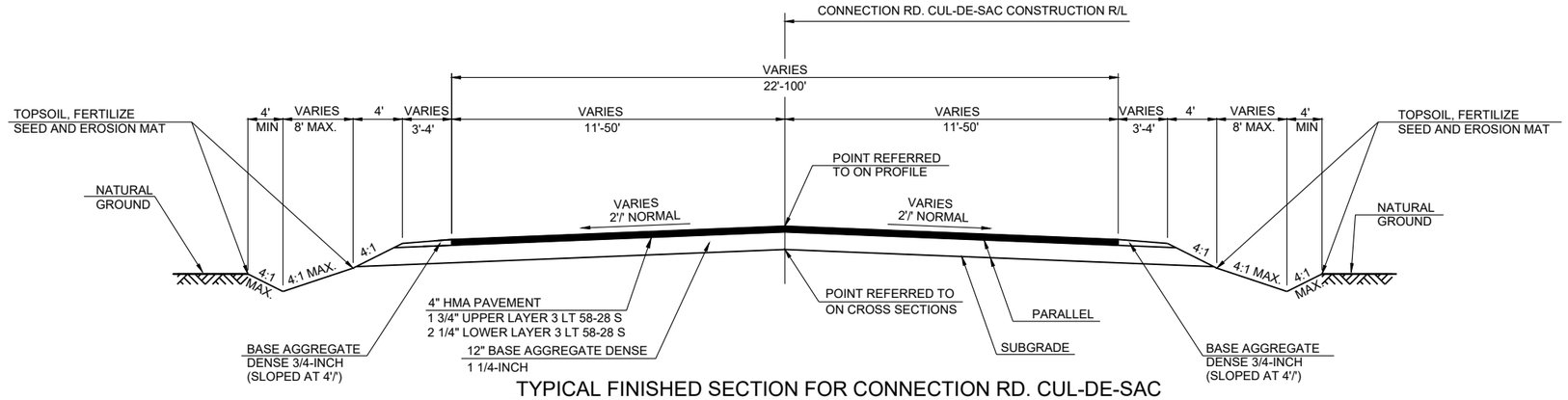
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020315 ts
PLOT DATE : 1/24/2020 10:55 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR CONNECTION RD

STA. 700+00'CT' - STA. 707+42'CT'



TYPICAL FINISHED SECTION FOR CONNECTION RD. CUL-DE-SAC

STA. 707+42'CT' - STA. 709+13.5'CT'

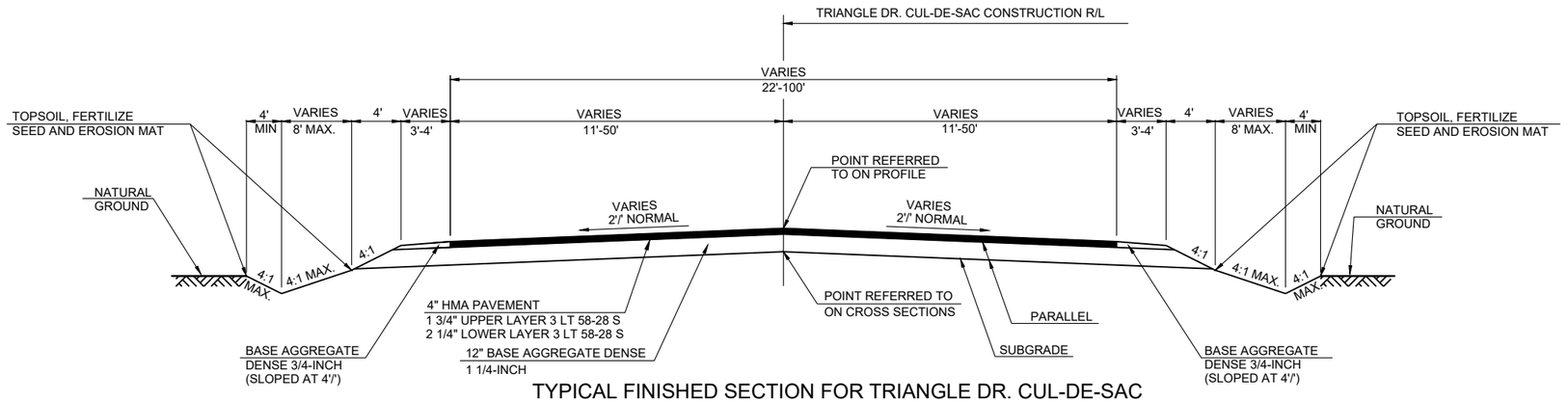
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E

PRE_19

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020316 ts

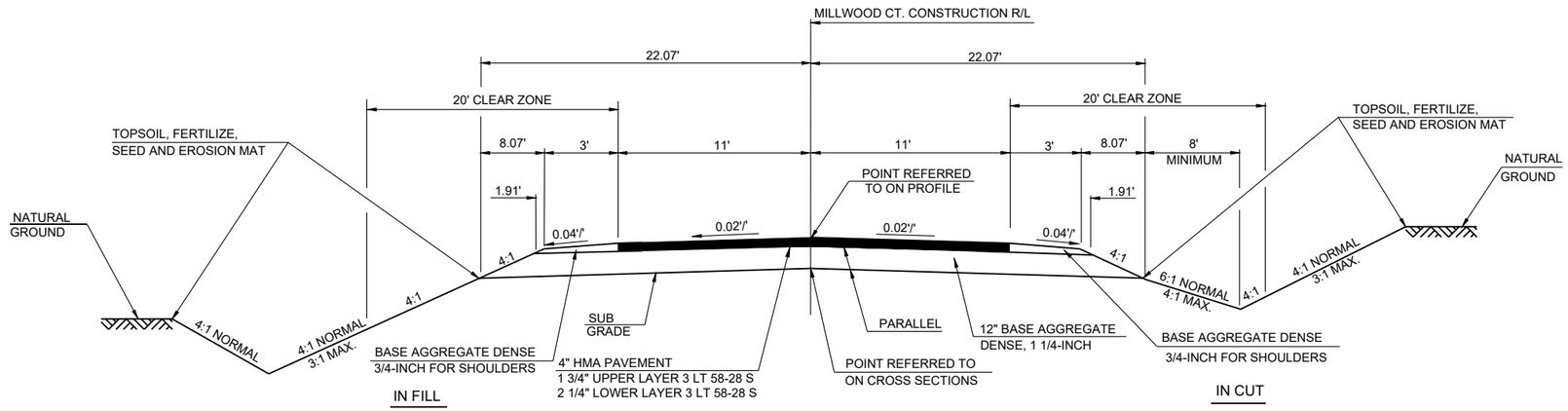
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TYPICAL FINISHED SECTION FOR TRIANGLE DR. CUL-DE-SAC

STA. 684+99'T' - STA. 686+95'T'



TYPICAL FINISHED SECTION FOR MILLWOOD CT.

STA 798+00'MW' - STA 799+67'MW'

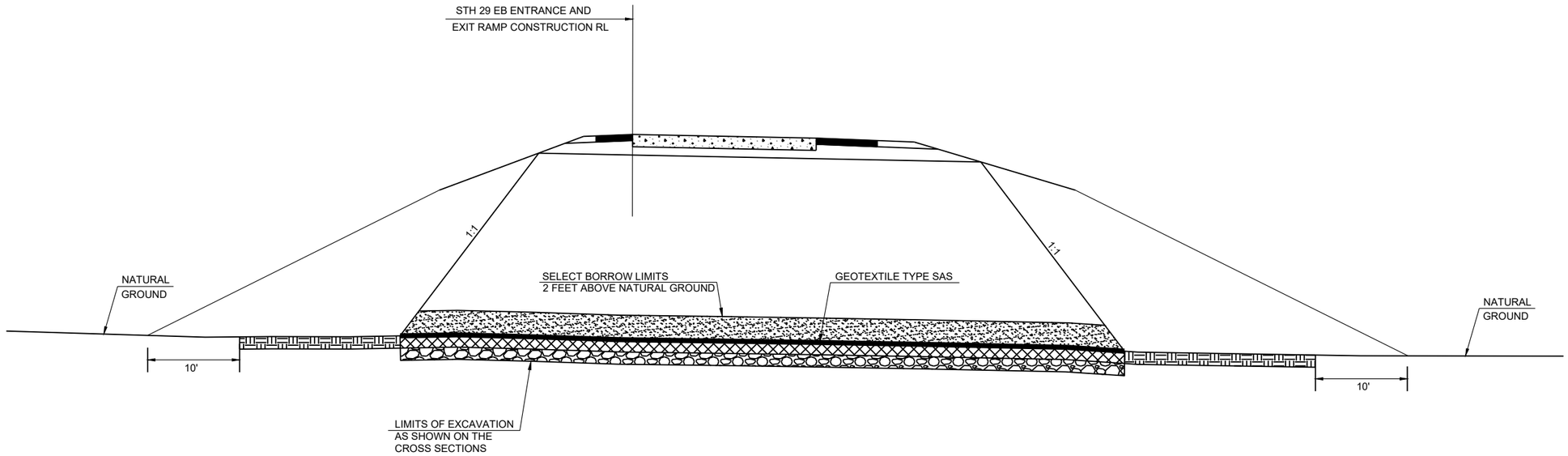
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: TYPICAL SECTIONS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020317 ts

PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

PRE_20

2



SELECT BORROW

TOPSOIL REMOVED PER STANDARD SPEC 205.3.2(2) AND REPLACED WITH SELECT CRUSHED MATERIAL

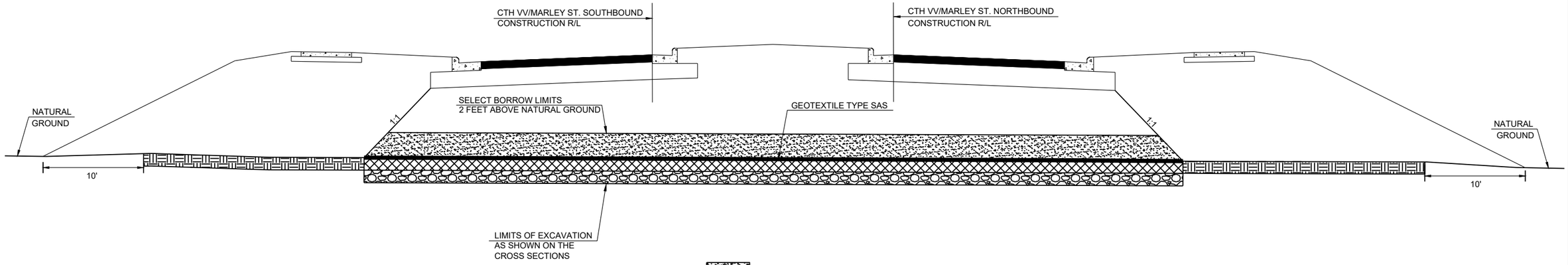
EXCAVATION BELOW SUBGRADE REPLACED WITH SELECT CRUSHED MATERIAL

TOPSOIL REMOVAL PAID FOR AS EXCAVATION BELOW SUBGRADE

SOIL MITIGATON FOR STH 29 ENTRANCE AND EXIT RAMPS

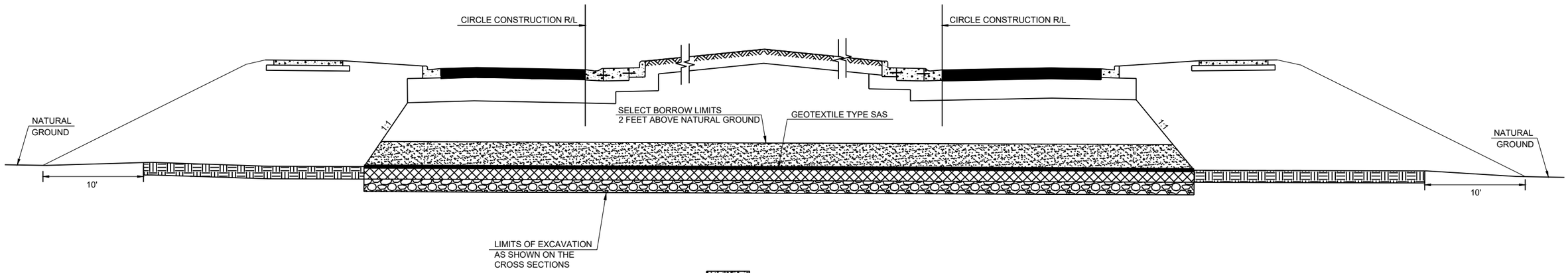
STA. 206+50 'RA' - STA. 215+19.10 'RA'
STA. 300+64.94 'RB' - STA. 310+00 'RB'
STA. 401+35.82 'RC' - STA. 409+00 'RC'
STA. 514+50 'RD' - STA. 525+12.37 'RD'

2



SOIL MITIGATON FOR CTH VV/MARLEY STREET

STA. 33+14.69 - STA. 45+05 CTH VV NORTHBOUND CONSTRUCTION R/L
STA. 47+24.25 - STA. 59+50.96 MARLEY ST. NORTHBOUND CONSTRUCTION R/L

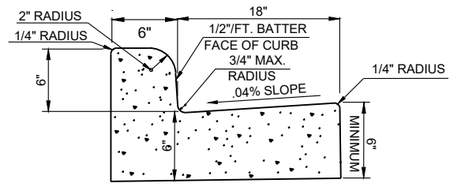


SOIL MITIGATON FOR RAMP TERMINAL ROUNDABOUTS

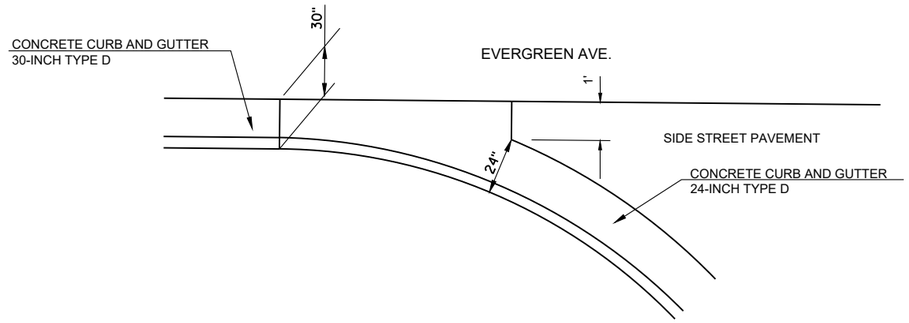
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONSTRUCTION DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021002 cd
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

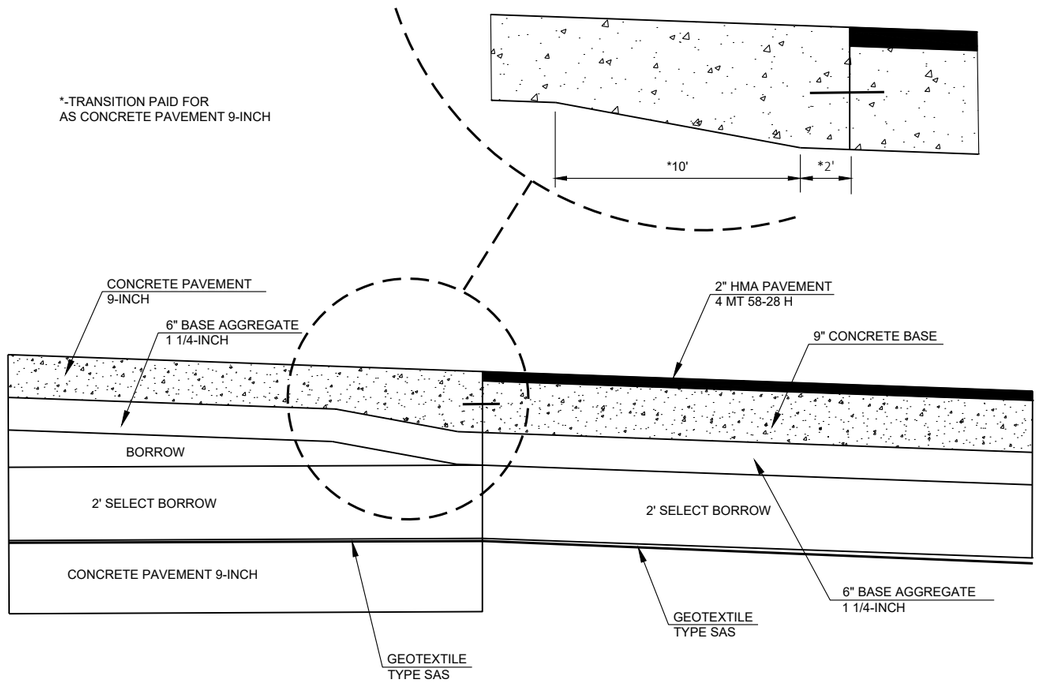


DETAIL FOR CONCRETE CURB AND GUTTER 24-INCH TYPE D



CONCRETE CURB AND GUTTER TRANSITION DETAIL
30-INCH TO 24-INCH

*-TRANSITION PAID FOR
AS CONCRETE PAVEMENT 9-INCH

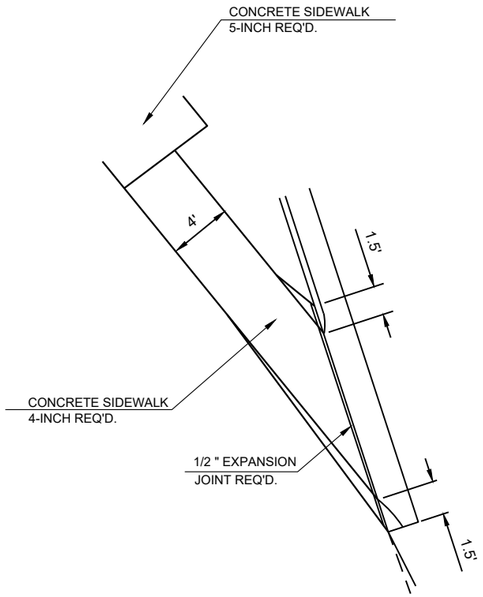


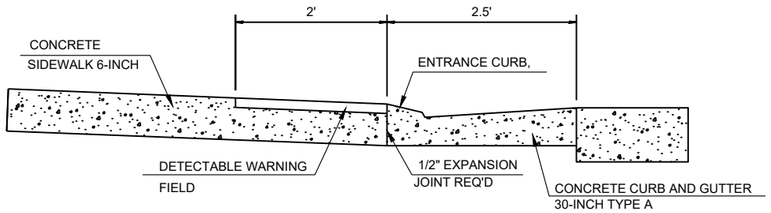
CONCRETE BASE TO CONCRETE PAVEMENT TRANSITION DETAIL

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONSTRUCTION DETAILS	SHEET E

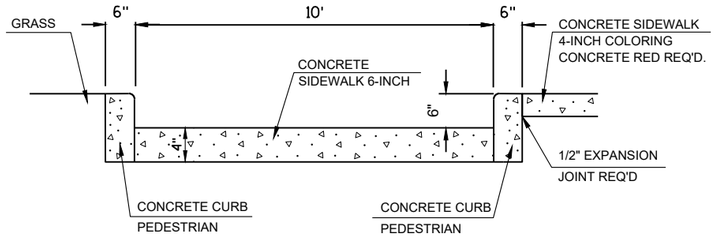
PRE_23

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021003 cd
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

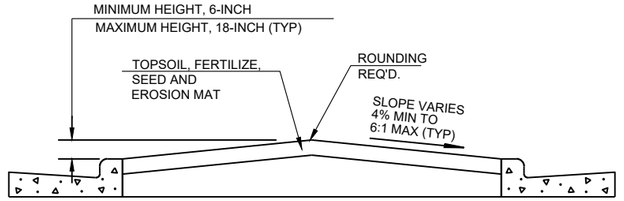




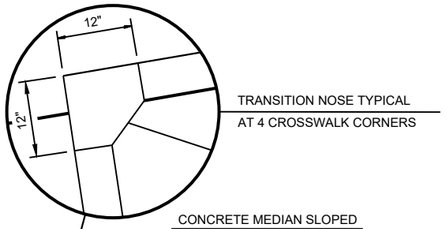
SECTION A-A



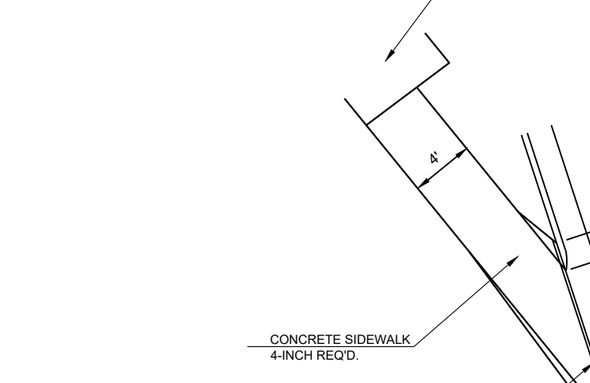
SECTION B-B



SECTION C-C



TRANSITION NOSE TYPICAL
AT 4 CROSSWALK CORNERS

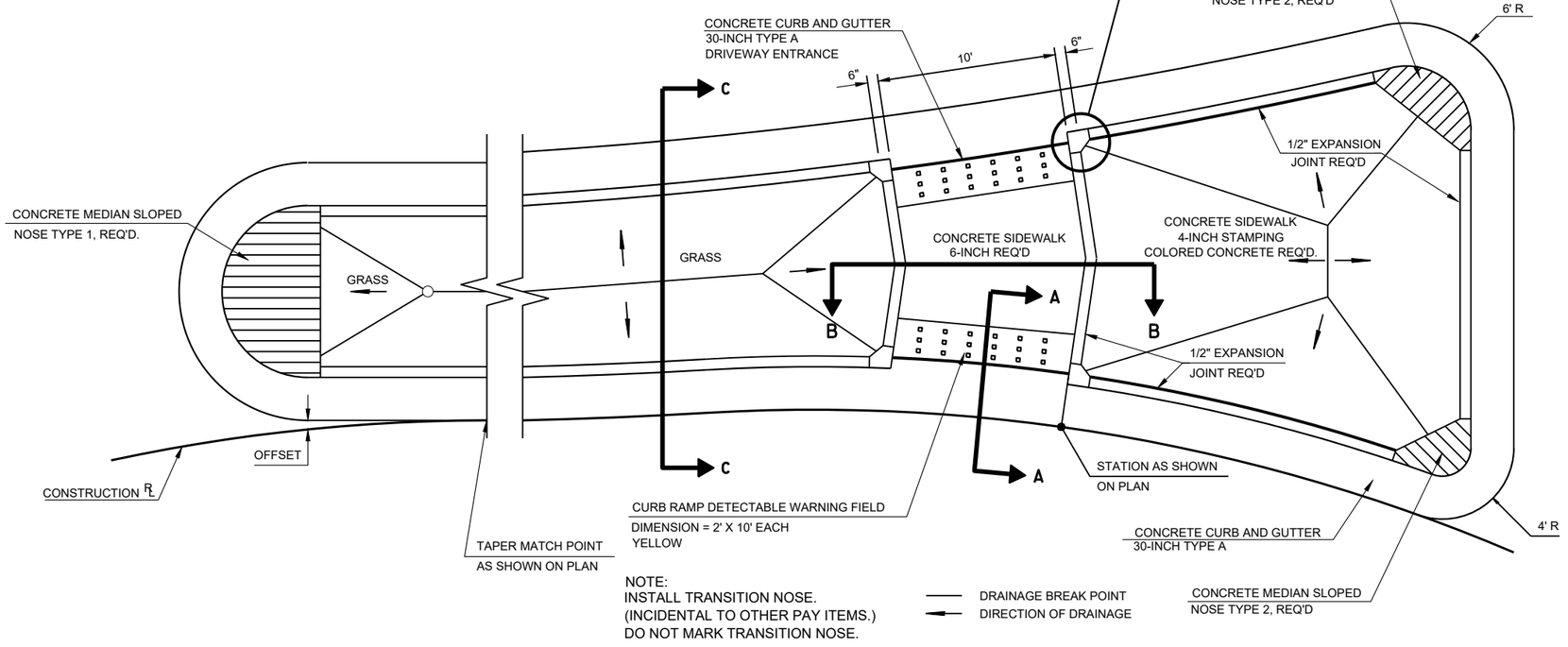


* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.

USE A 18-INCH MINIMUM INSIDE DIAMETER PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP). THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN AND SHALL BE VERIFIED BEFORE PLACING THE CONCRETE IN THE ISLAND.

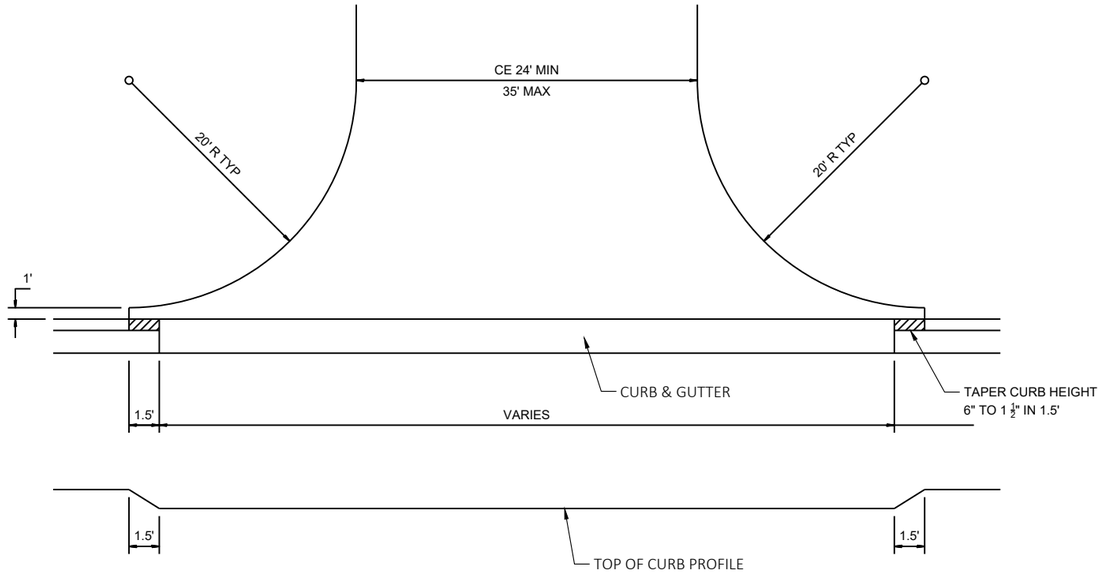
ISLAND SIGN LOCATION DETAIL (TYP)



NOTE:
INSTALL TRANSITION NOSE.
(INCIDENTAL TO OTHER PAY ITEMS.)
DO NOT MARK TRANSITION NOSE.

SPLITTER ISLAND DETAIL

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONSTRUCTION DETAILS	SHEET PRE_24 E



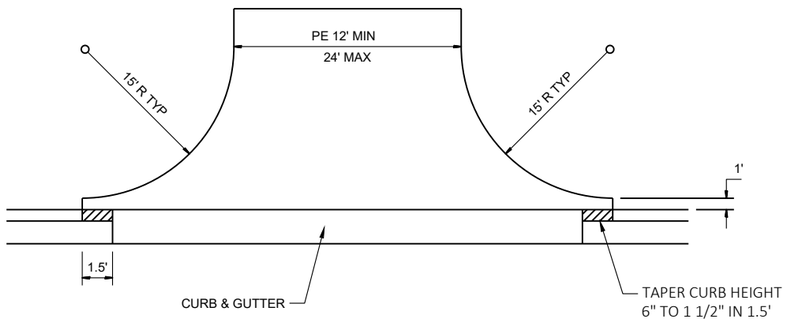
COMMERCIAL ENTRANCES

NOTES:
NON-PAVED DRIVEWAYS SHALL CONSIST OF 6" OF BASE AGGREGATE DENSE.

RESIDENTIAL ENTRANCE ASPHALTIC DRIVEWAYS SHALL CONSIST OF 6" BASE AGGREGATE DENSE AND 3" OF ASPHALTIC PAVEMENT.

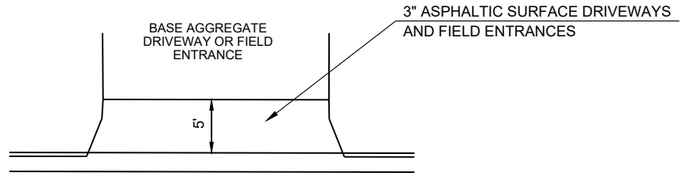
COMMERCIAL ENTRANCE ASPHALTIC DRIVEWAYS SHALL CONSIST OF 12" BASE AGGREGATE DENSE AND 4" OF ASPHALTIC PAVEMENT

6" CONCRETE DRIVEWAY FOR RESIDENTIAL ENTRANCES.



PRIVATE ENTRANCES

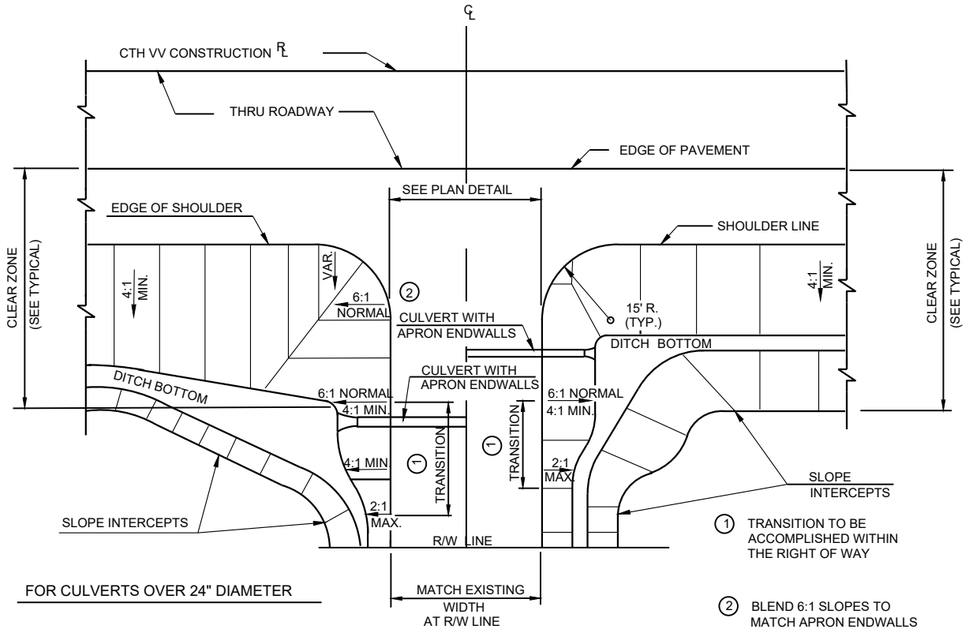
RURAL DRIVEWAYS WITH CURB & GUTTER



ADDITIONAL ASPHALTIC SURFACE FOR
BASE AGGREGATE DENSE DRIVEWAYS WITHOUT SIDEWALK

STA. 28+25'NB'
STA. 29+20'NB'

(1) A LARGER PAVING RADIUS FOR PAVING IN HIGHER SPEED ZONE (> 40 MPH) CAN BE USED IF WARRANTED.



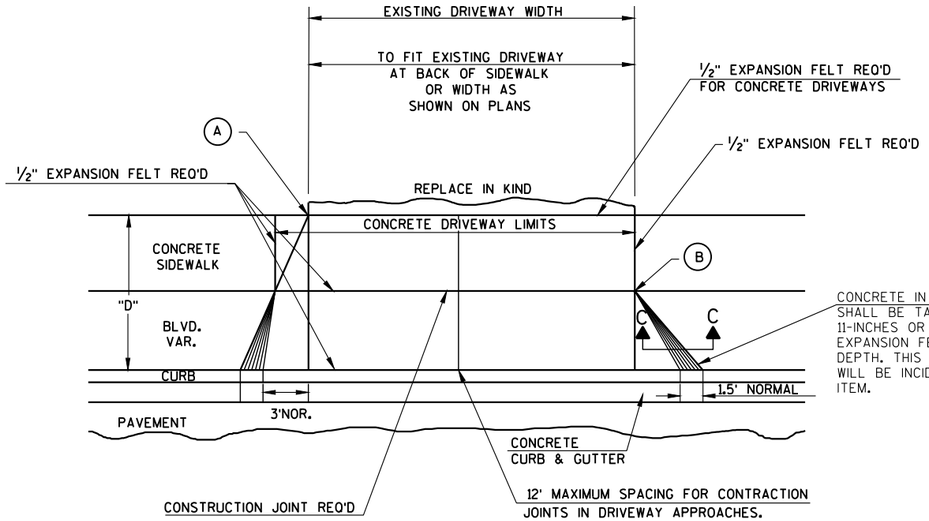
FOR CULVERTS OVER 24" DIAMETER

PLAN VIEW

FOR CULVERTS 24" DIAMETER OR LESS

ENTRANCE GRADING DETAIL

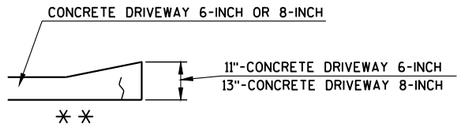
2



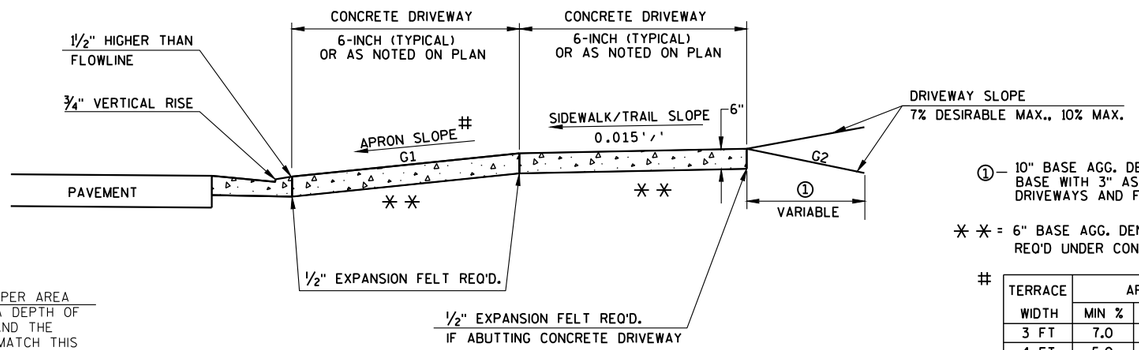
PLAN VIEW

Ⓐ WHEN "D" IS 13' OR LESS, ALIGN TAPER WITH BACK OF SIDEWALK

Ⓑ WHEN "D" IS GREATER THAN 13', ALIGN TAPER WITH FRONT OF SIDEWALK



SECTION C-C



TYPICAL SIDEWALK SECTION

① — 10" BASE AGG. DENSE 1 1/4-INCH BASE WITH 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

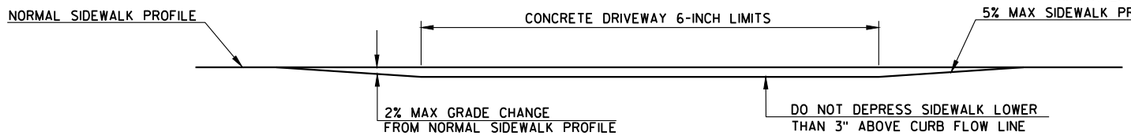
* * = 6" BASE AGG. DENSE 1 1/4-INCH REQ'D UNDER CONCRETE DRWY

\#

TERRACE WIDTH	APRON SLOPE (G1) MIN %	DESIRABLE %	MAX %
3 FT	7.0	8.5	9.0
4 FT	5.0	7.0	9.0
5 FT	4.0	7.0	9.0
6 FT	4.0	7.0	9.0
7 FT	3.5	7.0	9.0
8 FT	3.0	7.0	9.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%

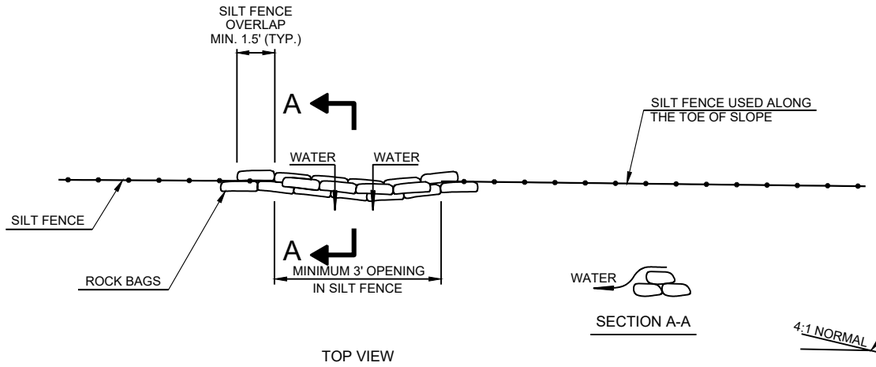
DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE



DEPRESSED SIDEWALK PROFILE DETAIL

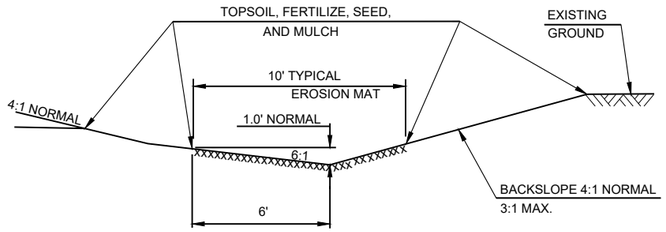
DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB AND GUTTER

2



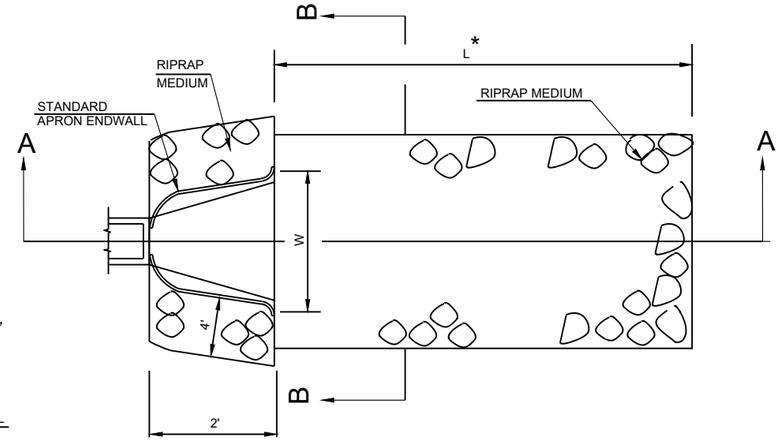
ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

PAID AS ROCK BAGS
(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)

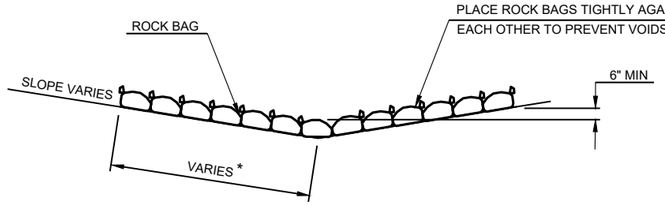


TYPICAL INSTALLATION FOR EROSION MAT

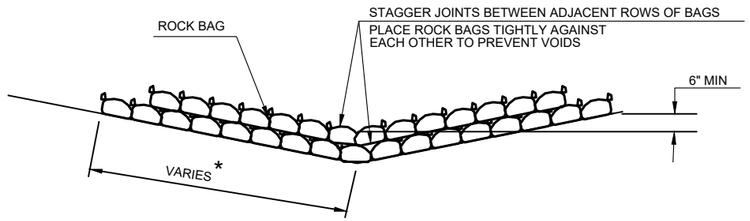
DITCH LINING
(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)



* L = 3 TIMES DIAMETER (NORMAL) OR
10' MIN. OR AS DIRECTED BY THE
ENGINEER



SIDE VIEW (SINGLE LAYER)

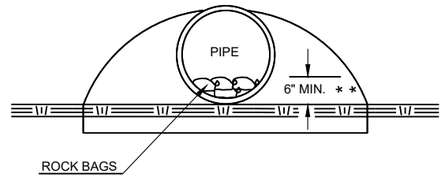


* LENGTH AND NUMBER OF BAGS MAY VARY
DEPENDING ON DESIRED DEPTH OF WATER POOL

SIDE VIEW (MULTIPLE LAYER)

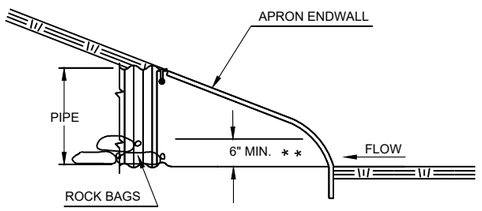
ROCK BAGS DITCH CHECK

PAID AS ROCK BAGS
(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)



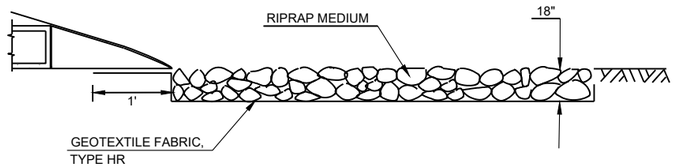
END VIEW

* * OR AS DIRECTED
BY THE ENGINEER

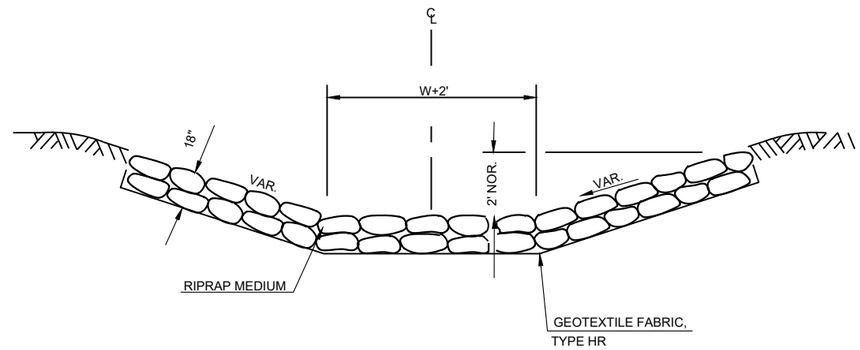


SIDE VIEW

CULVERT PIPE DITCH CHECK



SECTION A-A

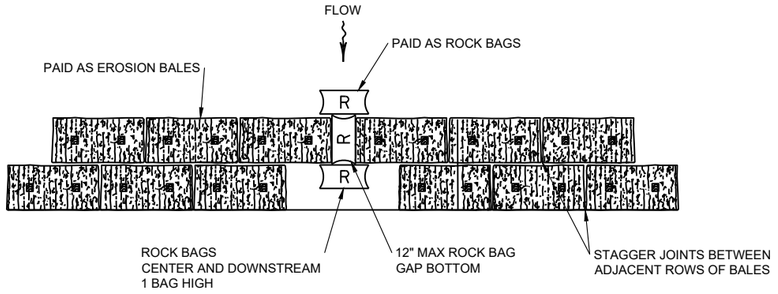


SECTION B-B

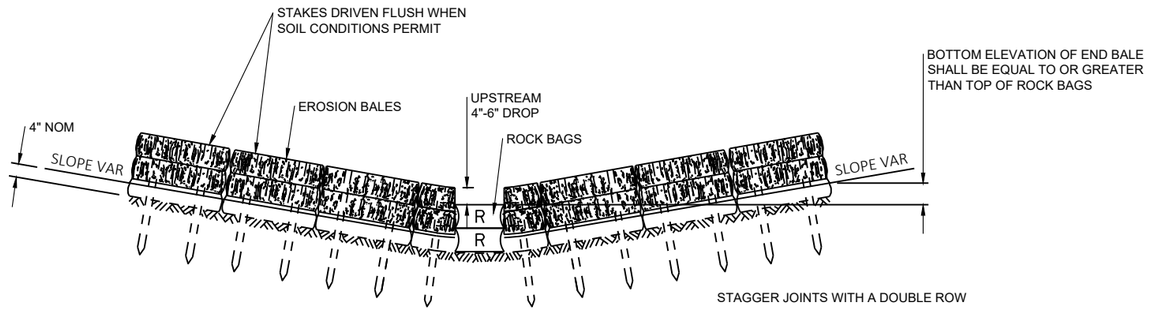
RIPRAP MEDIUM AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)

2



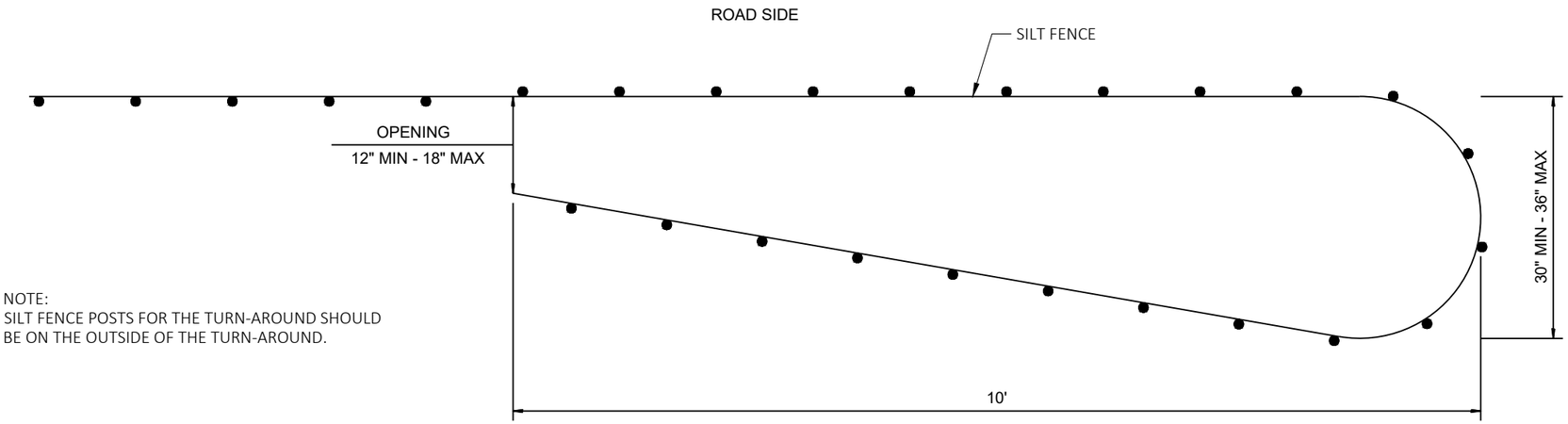
PLAN VIEW



FRONT ELEVATION

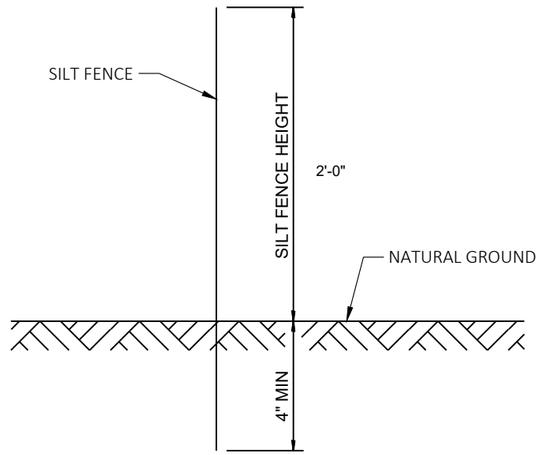
NOTE:
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP
NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE
PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

EROSION BALES WITH ROCK BAG RELIEF



NOTE:
SILT FENCE POSTS FOR THE TURN-AROUND SHOULD
BE ON THE OUTSIDE OF THE TURN-AROUND.

PLAN VIEW



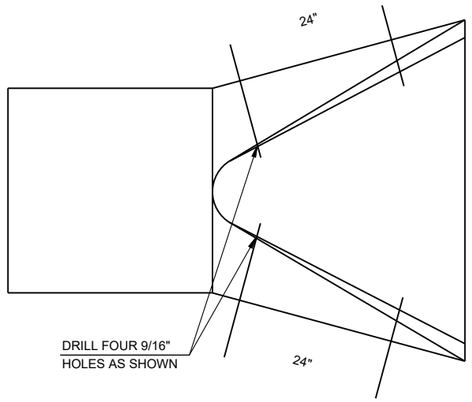
SIDE VIEW

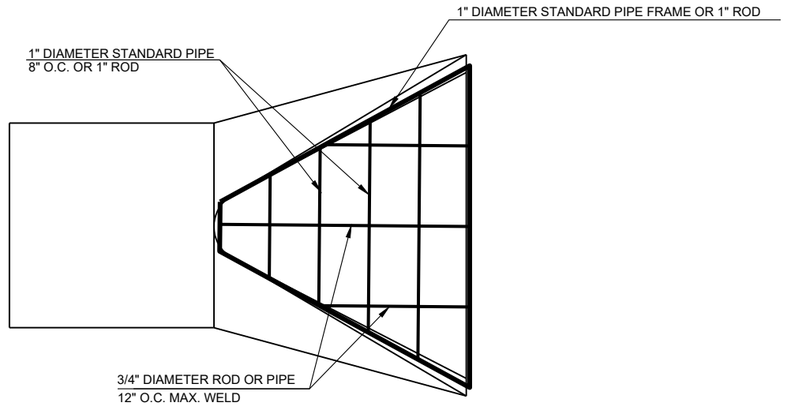
SILT FENCE TURN-AROUND DETAIL

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONSTRUCTION DETAILS	SHEET E

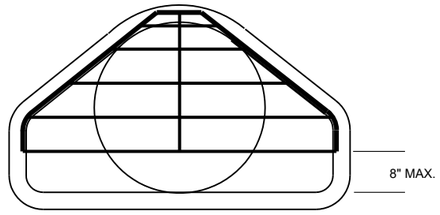
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021008 cd
PLOT DATE : 1/22/2020 7:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



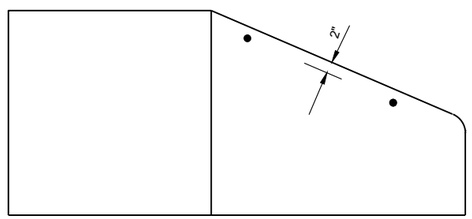


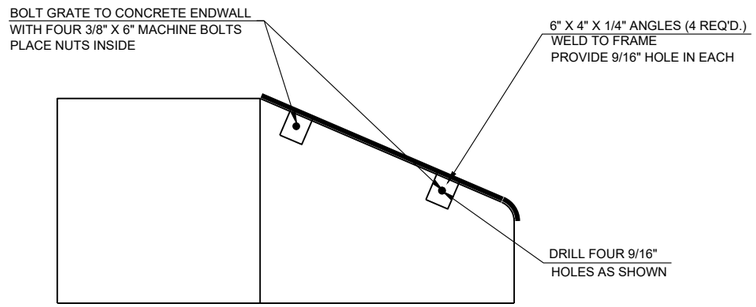
AT EACH PIPE



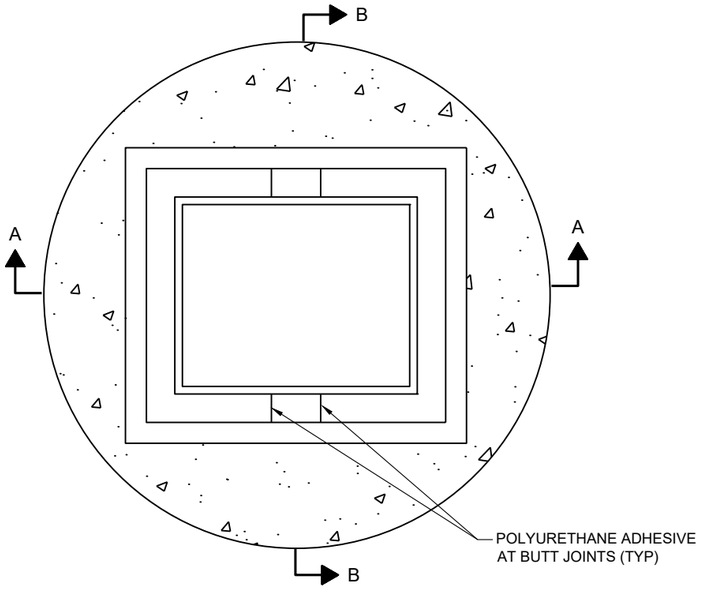
PIPE GRATE DETAIL

(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)



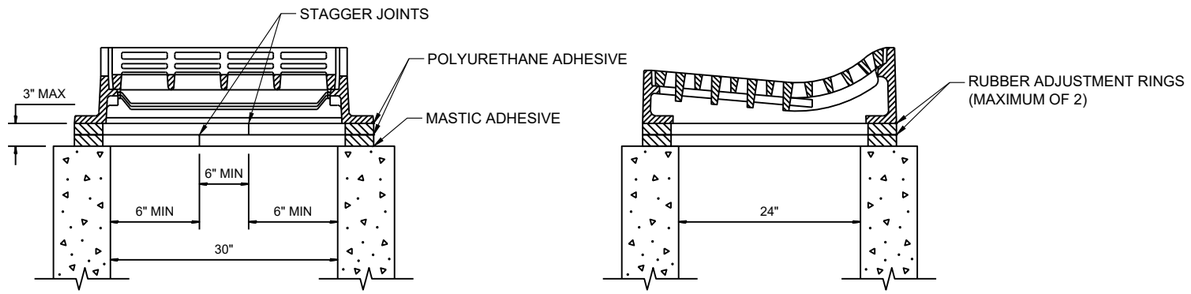


2



PLAN VIEW

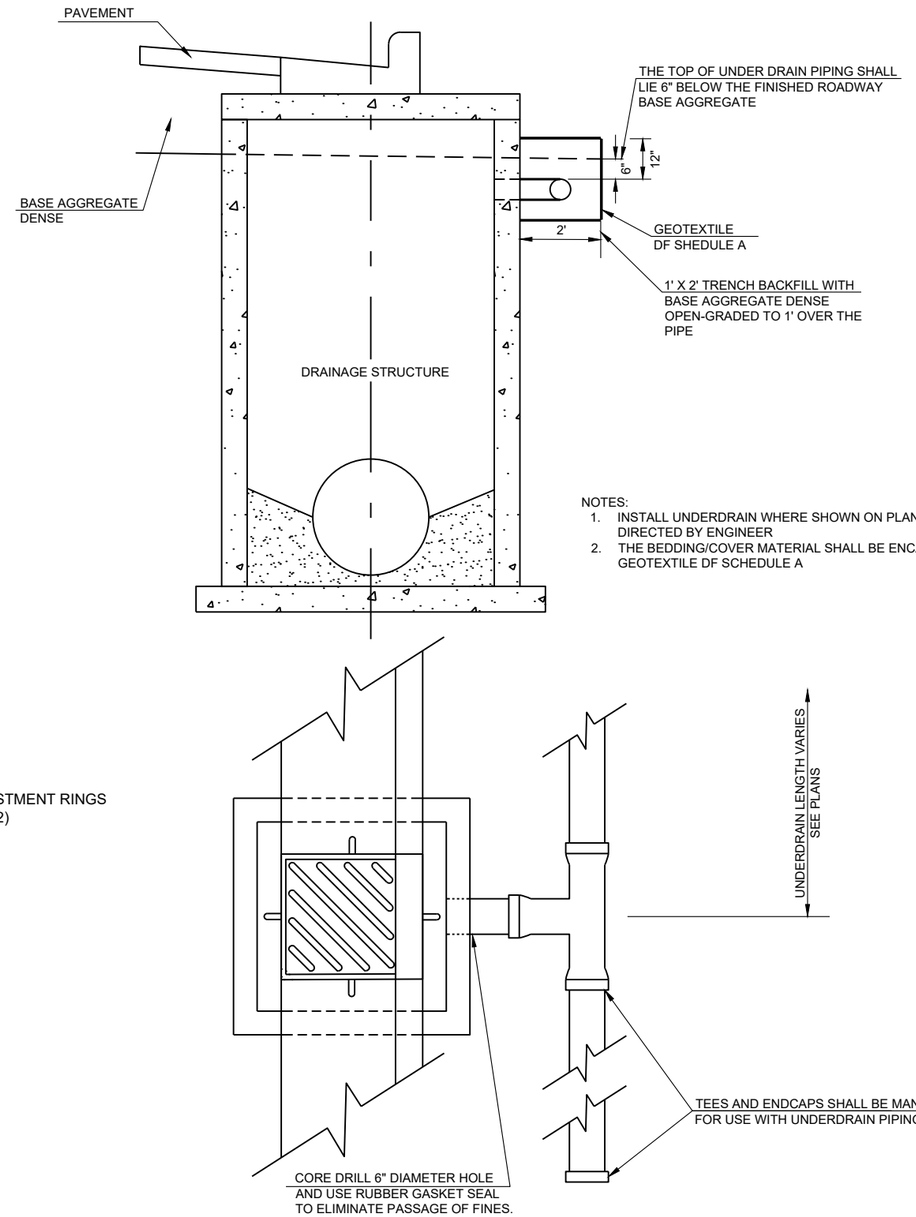
NOTE: ALL CUTS MADE TO RUBBER ADJUSTMENT RINGS WILL BE PERPENDICULAR AND PROVIDE A TIGHT JOINT.



SECTION A-A

SECTION B-B

RUBBER RING CUTTING DETAIL FOR CATCH BASINS WITH TYPE "T" CASTINGS



NOTES:
1. INSTALL UNDERDRAIN WHERE SHOWN ON PLANS AND/OR AS DIRECTED BY ENGINEER
2. THE BEDDING/COVER MATERIAL SHALL BE ENCASED WITH GEOTEXTILE DF SCHEDULE A

UNDERDRAIN DETAIL

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

X TREE TO BE REMOVED

N

STH 29/32 WESTBOUND

478'WB' 479'WB' 480'WB' 481'WB' 482'WB' 483'WB' 484'WB'

BEGIN PROJECT
STA. 479+68'EB'
Y = 593054.462
X = 53497.741

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

SLOPE INTERCEPT

REMOVE PAVEMENT

478'EB' 3' 479'EB' 480'EB' 481'EB' 3' 482'EB' 483'EB' 484'EB'

EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT

+68.00EB
-3.00'

480+05.6'EB'
-3.1'

STH 29/32 EASTBOUND

+68.00EB
32.00'

EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER

6'

2'

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

LIMIT OF WETLANDS

SLOPE INTERCEPT

FO FO FO FO FO FO FO FO

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_31

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021201-pd

PLOT DATE : 1/24/2020 10:58 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

LIMIT OF WETLANDS
SLOPE INTERCEPT
REMOVE CONCRETE CURB AND GUTTER
GUY
REMOVE EXISTING 24" CULVERT PIPE
LIMIT OF WETLANDS
REMOVE CONCRETE CURB AND GUTTER AND ISLAND
REMOVE CONCRETE CURB AND GUTTER
EXISTING R/W
NSIGHT
FO
N
SLOPE INTERCEPT
24"CMP (TO REMAIN)
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
2'
3'

STH 29/32 WESTBOUND

484+67.2WB 3.0'
485+16.2WB -32.0'
485+49.6WB 3.0'

484'WB' 485'WB' 486'WB' 487'WB' 488'WB' 489'WB' 490'WB'

REMOVE CONCRETE CURB AND GUTTER
REMOVE CONCRETE CURB AND GUTTER
REMOVE CONCRETE CURB AND GUTTER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
SLOPE INTERCEPT
REMOVE PAVEMENT
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
ASPHALT FLUME (REMOVE)
REMOVE EXISTING STORM SEWER
REMOVE SIDEWALK
REMOVE PAVEMENT
NOTE: REMOVE ALL ROADWAY, CONCRETE CURB AND GUTTER, LIGHTING AND STORM SEWER ASSOCIATED WITH THE R-CUT.
REMOVE CONCRETE CURB AND GUTTER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE PAVEMENT
REMOVE PAVEMENT
REMOVE EXISTING STORM SEWER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
(REMOVE) ASPHALT FLUME
REMOVE SIDEWALK
INL (REMOVE)
INL (REMOVE)
REMOVE SIDEWALK
REMOVE CONCRETE CURB AND GUTTER
INL (REMOVE)
REMOVE PAVEMENT
PC: 489+83.99
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
484'EB' 485'EB' 486'EB' 487'EB' 488'EB' 489'EB' 490'EB'
INL (REMOVE)
REMOVE CONCRETE CURB AND GUTTER
REMOVE CONCRETE CURB AND GUTTER
489+13.7'EB' -3.0'

STH 29/32 EASTBOUND

484+13.5'EB' 32.1'
489+04.3'EB' 32.0'
489+84.0'EB' 32.0'

EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
WPS
LIMIT OF WETLANDS
REMOVE CONCRETE CURB AND GUTTER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE CONCRETE CURB AND GUTTER
REMOVE CONCRETE CURB AND GUTTER AND ISLAND
SLOPE INTERCEPT
LIMIT OF WETLANDS
SLOPE INTERCEPT
QWEST
REMOVE EXISTING 24" CULVERT PIPE
24"CMP (REMOVE)
OLD STH 29 ROAD
109OH
108OH

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_32

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021202 pd
PLOT DATE : 1/24/2020 10:58 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

N

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

OH NSIGHT WPS EXISTING R/W GUY

FO

SLOPE INTERCEPT

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

2"

PC: 491+51.04

490+88.5WB -32.0'

492+35.8WB -32.0'

STH 29/32 WESTBOUND

494+40.0WB 3.0'

494+85.5WB 3.0'

3"

490'WB' 491'WB' 492'WB' 493'WB' 494'WB' 495'WB' 496'WB'

EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT

EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER
EDGE OF BAD SHOULDER

REMOVE PAVEMENT

EXISTING CULVERT PIPE (TO REMAIN)

SLOPE INTERCEPT

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

490'EB' 491'EB' 492'EB' 493'EB' 494'EB' 495'EB' 496'EB'

EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT

STH 29/32 EASTBOUND

EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER
EDGE OF BAD SHOULDER

FO QWEST

EXISTING R/W SIGN

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_33

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021203 pd

PLOT DATE : 1/24/2020 10:58 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF HMA PAVEMENT
- LIMITS OF CONCRETE
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

P.L.

SIGN

LIMIT OF WETLANDS

LIMIT OF WETLANDS

SLOPE INTERCEPT

FUTURE SNOWMOBILE TRAIL

R/W LINE

WPS

EXISTING R/W

POST OH OH OH OH OH OH OH OH OH OH OH OH

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

3"

5"

12"

RAMP D

POST POST

STH 29/32 WESTBOUND

516+03.9WB
-24.4'

519+63.9WB
-36.3'

515'WB' 516'WB' 517'WB' 518'WB' 519'WB' 520'WB' 521'WB'

515'EB' 516'EB' 517'EB' 518'EB' 519'EB' 520'EB' 521'EB'

DRAIN TILE (TO REMAIN)

STH 29/32 EASTBOUND

POST POST

LIMIT OF WETLANDS

18" RCCP (TO REMAIN)

FO FO FO FO FO FO FO FO FO FO FO FO FO FO FO FO

POST POST

QWEST

EXISTING R/W

N

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_34

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021204 pd

PLOT DATE : 1/24/2020 10:59 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

- LIMITS OF HMA PAVEMENT
- LIMITS OF CONCRETE
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

FUTURE SNOWMOBILE TRAIL

SLOPE INTERCEPT

LIMIT OF WETLANDS

R/W LINE

BP: 509+60.00

N

WPS

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

LIMIT OF WETLANDS

LIMIT OF WETLANDS

(TO REMAIN)
48" RCCP

3'

5'

15'

510'RD'

511'RD'

RAMP D

525+63.8WB
-47.3'

525+63.9WB
-24.4'

525+63.9WB
-27.3'

REMOVE GUARDRAIL

522+63.9WB
-36.3'

STH 29/32 WESTBOUND

521'WB' 522'WB' 523'WB' 524'WB' 525'WB' 526'WB' 527'WB'

INLET (TO REMAIN)

DRAIN TILE (TO REMAIN)

BP: 201+88.40

526+81.7'EB'
23.9'

526+81.7'EB'
25.8'

202'RA'

RAMP A

524+19.2'EB'
23.9'

524+69.2'EB'
23.9'

STH 29/32 EASTBOUND

521'EB' 522'EB' 523'EB' 524'EB' 525'EB' 526'EB' 527'EB'

LIMIT OF WETLANDS

LIMIT OF WETLANDS

48" RCCP
(TO REMAIN)

SLOPE INTERCEPT

QWEST

EXISTING R/W

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_35

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021205 pd

PLOT DATE : 1/24/2020 10:59 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND
LIMITS OF HMA PAVEMENT
LIMITS OF CONCRETE
XXXX XXXX SAW CUT
TREE TO BE REMOVED

N

FUTURE SNOWMOBILE TRAIL
SLOPE INTERCEPT
R/W LINE
MATCH LINE STA. 514+00'RD'
SEE RAMP D PLAN DETAIL
WPS
OH
LIMIT OF WETLANDS
RAMP D
513'RD'
512'RD'
511'RD'
514
POST
REMOVE GUARDRAIL
528+63.7WB
-24.3'
SLOPE INTERCEPT
STH 29/32 WESTBOUND
527'WB'
528'WB'
529'WB'
530'WB'
531'WB'
532'WB'
533'WB'
527'EB'
528'EB'
529'EB'
530'EB'
531'EB'
532'EB'
533'EB'
529+45.9'EB'
23.9'
PC: 205+75.83
STH 29/32 EASTBOUND
203'RA'
204'RA'
205'RA'
18" RCCP
(TO REMAIN)
206'RA'
207'RA'
208'RA'
RAMP A
SLOPE INTERCEPT
LIMIT OF WETLANDS
WOODS
FO
QWEST
R/W LINE
SLOPE INTERCEPT
3'
1'
5'
15'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_36

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021206 pd
PLOT DATE : 1/24/2020 11:00 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

2

2

NW RAMP

517'RD'

GUY

OH

WPS

SLOPE INTERCEPT

LIMIT OF WETLANDS

LIMIT OF WETLANDS

LIMIT OF WETLANDS

30" CMCP

POST

STH 29/32 WESTBOUND

533'WB' 534'WB' 535'WB' 536'WB' 537'WB' 538'WB' 539'WB'

533'EB' 534'EB' 535'EB' 536'EB' 537'EB' 538'EB' 539'EB'

STH 29/32 EASTBOUND

SLOPE INTERCEPT

LIMIT OF WETLANDS

30" CMCP (TO REMAIN)

18" RCCP (TO REMAIN)

FO

QWEST

3'

1'

15'

5'

3'

209'RA'

RAMP A

LIMIT OF WETLANDS

MATCH LINE STA. 209+50'RA'
SEE RAMP A PLAN DETAIL

LEGEND

LIMITS OF HMA PAVEMENT

LIMITS OF CONCRETE

XXXX XXXX SAW CUT

TREE TO BE REMOVED

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_37

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021207 pd

PLOT DATE : 1/24/2020 11:00 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND
LIMITS OF HMA PAVEMENT
LIMITS OF CONCRETE
SAW CUT
TREE TO BE REMOVED

SLOPE INTERCEPT
MARLEY ST.
SLOPE INTERCEPT
WPS
GUY
24" CMCP (TO REMAIN)
STRUCTURE B-05-0416 REQ'D.
POST
STH 29/32 WESTBOUND
540+75.0WB
3.0'
539'WB'
540'WB'
541'WB'
542'WB'
543'WB'
544'WB'
545'WB'
EDGE OF PAVEMENT,
EDGE OF PAVED SHOULDER
EDGE OF BAD SHOULDER
EDGE OF CABC SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE PAVEMENT
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
SLOPE INTERCEPT
WPS
539'EB'
540'EB'
541'EB'
542'EB'
543'EB'
544'EB'
545'EB'
STH 29/32 EASTBOUND
540+75.0'EB'
-3.0'
540+74.7'EB'
32.0'
NOTE: REMOVE ALL ROADWAY, CONCRETE CURB AND GUTTER, LIGHTING AND STORM SEWER ASSOCIATED WITH THE R-CUT.
REMOVE EXISTING LIGHT POLE
544+05.3'EB'
-3.0'
544+05.3'EB'
32.0'
POST
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE ROADWAY
2"
LIMIT OF WETLANDS
18" RCCP
REMOVE
QWEST
EDGE OF CABC SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
24" CMCP (TO REMAIN)
POST
SLOPE INTERCEPT
CTH VV
SLOPE INTERCEPT
LIMIT OF WETLANDS
SLOPE INTERCEPT
LIMIT OF WETLANDS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_38

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021208 pd
PLOT DATE : 1/24/2020 11:01 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : ##########

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

X TREE TO BE REMOVED

GUY

WPS

OH

POST

STH 29/32 WESTBOUND

545'WB' 546'WB' 547'WB' 548'WB' 549'WB' 550'WB' 551'WB'

547+64.9WB
3.0'

3'

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

REMOVE PAVEMENT

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

SLOPE INTERCEPT

545'EB' 546'EB' 547'EB' 548'EB' 549'EB' 550'EB' 551'EB'

STH 29/32 EASTBOUND

18" RCCP
(TO REMAIN)

LIMIT OF WETLANDS

LIMIT OF WETLANDS

REMOVE GUARDRAIL

QWEST

FO

EXISTING R/W

REMOVE CUL-DE-SAC

REMOVE ROADWAY

EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_39

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021209 pd

PLOT DATE : 1/24/2020 11:01 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA. 410+00'RC'
SEE RAMP C PLAN DETAIL

FUTURE SNOWMOBILE
TRAIL

PT: 411+04.69

3'
5'
15'
1'
3'

RAMP C

411'RC'
412'RC'
413'RC'
414'RC'

EP: 414+47.50

STH 29/32 WESTBOUND

SLOPE
INTERCEPT

554+16.1WB
-24.2'

555+99.2WB
3.0'

BASE AGGREGATE DENSE
FOR SHOULDERS REQ'D.

551'WB'
552'WB'
553'WB'
554'WB'
555'WB'
556'WB'
557'WB'

REMOVE
PAVEMENT

REMOVE EXISTING
LIGHT POLE

INL
(REM.)

18" RCCP (REMOVE)

WPS

REMOVE
PAVEMENT

551'EB'
552'EB'
553'EB'
554'EB'
555'EB'
556'EB'
557'

EP: 315+15.26

STH 29/32 EASTBOUND

552+29.6'EB'
-3.0'

SLOPE
INTERCEPT

554+09.6'EB'
23.9'

BASE AGGREGATE DENSE
FOR SHOULDERS REQ'D.

314'RB'
315'RB'
313'RB'
312'RB'

POST

LIMIT OF
WETLANDS

RAMP B

18" RC
(TO REMAIN)

MATCH LINE STA. 311+00'RB'
SEE RAMP B PLAN DETAIL

QWEST

SLOPE
INTERCEPT

GUY
GUY
GUY
GUY

LIMIT OF
WETLANDS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_40

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021210 pd

PLOT DATE : 1/24/2020 11:01 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

REMOVE ASPHALT FLUME
REMOVE ROADWAY
REMOVE ASPHALT FLUME
(REMOVE) 18" RCCP
FUTURE SNOWMOBILE TRAIL
REMOVE CONCRETE CURB AND GUTTER
REMOVE CONCRETE CURB AND GUTTER AND ISLAND
REMOVE CONCRETE CURB AND GUTTER
REMOVE EXISTING LIGHT POLE
REMOVE PAVEMENT
SLOPE INTERCEPT
LIMIT OF WETLANDS
SLOPE INTERCEPT
LIMIT OF WETLANDS
EDGE OF CABC SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
REMOVE ROADWAY
18" CMCP (TO REMAIN)
24" CMCP (TO REMAIN)
WPS
NSIGHT
GUY
GUY
GUY
POST
EP: 414+47.50
558+93.1WB -24.2'
STH 29/32 WESTBOUND
557'WB' 558'WB' 559'WB' 560'WB' 561'WB' 562'WB' 563'WB'
REMOVE CONCRETE CURB AND GUTTER
REMOVE EXISTING STORM SEWER
REMOVE EXISTING LIGHT POLE
REMOVE CONCRETE CURB AND GUTTER
(REMOVE)
REMOVE CONCRETE CURB AND GUTTER
REMOVE PAVEMENT
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE EXISTING STORM SEWER
REMOVE EXISTING LIGHT POLE
REMOVE PAVEMENT
REMOVE ASPHALT FLUME
(REM.)
18" RCP
EP: 315+15.26
557' 558'EB' 559'EB' EP: 790+00.00 560'EB' 561'EB' 562'EB' 563'EB'
STH 29/32 EASTBOUND
REMOVE CONCRETE CURB AND GUTTER
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
REMOVE CONCRETE CURB AND GUTTER
REMOVE ASPHALT FLUME
560+92.3'EB' -3.1'
563+04.1'EB' -3.0'
REMOVE PAVEMENT
REMOVE CONCRETE CURB AND GUTTER AND ISLAND
REMOVE PAVEMENT
18" RCCP (TO REMAIN)
REMOVE EXISTING LIGHT POLE
REMOVE CONCRETE CURB AND GUTTER
REMOVE ROADWAY
REMOVE CONCRETE CURB AND GUTTER
(TO REMAIN) 24" RCCP
GUY
SLOPE INTERCEPT
LIMIT OF WETLANDS
789'XT'
QWEST
CTH VV
MATCH LINE STA. 788+50'XT' SEE TRIANGLE DR. PLAN DETAILS
EDGE OF CABC SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
LIMIT OF WETLANDS
EXISTING R/W
SLOPE INTERCEPT
EXISTING R/W
REMOVE EXISTING CULVERT PIPE

NOTE: REMOVE ALL ROADWAY, CONCRETE CURB AND GUTTER, AND STORM SEWER ASSOCIATED WITH THE CTH VV INTERSECTION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_41

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021211 pd
PLOT DATE : 1/24/2020 11:02 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

2

2

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

WPS
NSIGHT
709CN
CULVERT PIPE REQ'D.
LIMIT OF WETLANDS
WPS
GUY
GUY
GUY
OH
ASPHALT DRIVEWAY REQ'D.
REMOVE PAVEMENT
LIMIT OF WETLANDS
POST
GUY
GUY
POST
SLOPE INTERCEPT
SLOPE INTERCEPT
EXISTING R/W
24" CMCP (TO REMAIN)
REMOVE PAVEMENT
REMOVE PAVEMENT
4'
8"
SIGN
POST
EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
567+22.3WB
-24.0'
563'WB'
STH 29/32 WESTBOUND
3'
564'WB'
565'WB'
565+60.1WB
3.0'
566'WB'
566+11.3WB
3.0'
567'WB'
568'WB'
569'WB'
EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER
EDGE OF BAD SHOULDER
REMOVE PAVEMENT
WPS
BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.
INL
(REMOVE)
WPS
REMOVE PAVEMENT
SLOPE INTERCEPT
563'EB'
564'EB'
565'EB'
566'EB'
567'EB'
568'EB'
569'EB'
EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT
EXISTING CULVERT PIPE (TO REMAIN)
566+61.2'EB'
23.9'
EXISTING CULVERT PIPE (TO REMAIN)
STH 29/32 EASTBOUND
5'
EDGE OF PAVEMENT
EDGE OF PAVED SHOULDER
EDGE OF BAD SHOULDER
3'
24" RCCP (TO REMAIN)
WPS
GUY
GUY
GUY
QWEST
(TO REMAIN) 18"
LIMIT OF WETLANDS
SLOPE INTERCEPT
EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_42

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021212 pd
PLOT DATE : 1/24/2020 11:02 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

P.L.

P.L.

SIGN

SIGN

SIGN

EXISTING R/W

POST

STH 29/32 WESTBOUND

569'WB' 570'WB' 571'WB' 572'WB' 573'WB' 574'WB' 575'WB'

E E E E E E E E E E E E E

WPS

EXISTING CULVERT PIPE (TO REMAIN)

SLOPE INTERCEPT

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

REMOVE PAVEMENT

569'EB' 570'EB' 571'EB' 572'EB' 573'EB' 574'EB' 575'EB'

572+68.7'EB' -3.0'

STH 29/32 EASTBOUND

POST

18" RCCP (TO REMAIN)

FO FO FO FO FO FO FO FO FO FO FO FO FO

QWEST

POST POST POST

EXISTING R/W

WOODS

P.L.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_43

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021213 pd

PLOT DATE : 1/24/2020 11:03 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

P.L.

SLOPE INTERCEPT

EXISTING R/W

REMOVE EXISTING CULVERT PIPE

REMOVE ROADWAY

30" RCCP (TO REMAIN)

EXISTING CULVERT PIPE (TO REMAIN)

NOTE: REMOVE ALL ROADWAY, CONCRETE CURB AND GUTTER, AND STORM SEWER ASSOCIATED WITH THE R-CUT.

BASE AGGREGATE DENSE FOR SHOULDERS REQ'D.

576+49.1WB -32.0'

576+49.1WB 3.0'

579+54.8WB -32.0'

579+01.7WB 3.0'

STH 29/32 WESTBOUND

575'WB' 576'WB' 577'WB' 578'WB' 579'WB' 580'WB' 581'WB'

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

18" CMCP (REMOVE)

REMOVE EXISTING LIGHT POLE

MH (REMOVE)

SLOPE INTERCEPT

575'EB' 576'EB' 577'EB' 578'EB' 579'EB' 580'EB' 581'EB'

578+71.5'EB' -3.0'

STH 29/32 EASTBOUND

END PROJECT STA. 579+55'EB'

QWEST

WOODS

ASPHALT

SIGN

POST

WPS

FO

E

G

S

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-STH 29	SHEET E

PRE_44

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDEB.DWG
LAYOUT NAME - 021214 pd

PLOT DATE : 1/24/2020 11:03 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

N

CONSTRUCTION LIMITS
STA. 100+00'OH'

CAUTION BURIED GAS LINE (APPROXIMATE LOCATION)

CAUTION BURIED GAS LINE (APPROXIMATE LOCATION)

BURIED FIBER OPTIC LINE (APPROXIMATE LOCATION)

BURIED ELECTRIC CABLE (APPROXIMATE LOCATION)

BURIED TELEPHONE LINE (APPROXIMATE LOCATION)

BURIED TELEPHONE LINE (APPROXIMATE LOCATION)

BURIED ELECTRIC CABLE (APPROXIMATE LOCATION)

BURIED FIBER OPTIC LINE (APPROXIMATE LOCATION)

BURIED TELEPHONE LINE (APPROXIMATE LOCATION)

BURIED GAS LINE (APPROXIMATE LOCATION)

LIMIT OF WETLANDS

LIMIT OF WETLANDS

LIMIT OF WETLANDS

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W

SLOPE INTERCEPT

SLOPE INTERCEPT

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVED SHOULDER

EDGE OF BAD SHOULDER

NSIGHT

NSIGHT

NSIGHT

NSIGHT

(TO REMAIN)

(TO REMAIN)

(TO REMAIN)

(TO REMAIN)

(REMOVE)

PC: 102+08.63

WPS

WPS

WPS

98'OH'

99'OH'

100'OH'

101'OH'

102'OH'

103'OH'
703'XCL'

104'OH'
704'XCL'

EXISTING CTH U
N. COUNTY LINE RD.

18"CMP

ASPH PE

ASPH CE

SEPTIC

P.L

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS WITH REMOVAL-OLD HIGHWAY 29 ROAD	SHEET E

PRE_45

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDU.DWG
LAYOUT NAME - 021215 pd

PLOT DATE : 1/24/2020 11:04 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

EXISTING R/W

BURIED ELECTRIC CABLE (APPROXIMATE LOCATION)

NSIGHT

BURIED FIBER OPTIC LINE (APPROXIMATE LOCATION)

CTH U

WPS

EXISTING R/W

REMOVE ROADWAY

EXISTING OLD HIGHWAY 29 RD.

720'OH'

719'OH'

718'OH'

717'OH'

716'OH'

721'OH'

LIMIT OF WETLANDS

REMOVE CONCRETE CURB AND GUTTER

SLOPE INTERCEPT

LIMIT OF WETLANDS

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

110'OH'

109'OH'

108'OH'

107'OH'

106'OH'

105'OH'

104'OH'

703'XCL'

OLD HIGHWAY 29 RD.

EXISTING CTH U

N. COUNTY LINE RD.

705'XCL'

REMOVE ROADWAY

706'XCL'

GUY

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

BURIED FIBER OPTIC LINE (APPROXIMATE LOCATION)

SLOPE INTERCEPT

SLOPE INTERCEPT

NSIGHT

LIMIT OF WETLANDS

SLOPE INTERCEPT

BURIED ELECTRIC CABLE (APPROXIMATE LOCATION)

24"RMP

REMOVE

SEE PLAN DETAILS FOR STH 29

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-OLD HIGHWAY 29 ROAD	SHEET E

PRE_46

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDU.DWG
LAYOUT NAME - 021216 pd

PLOT DATE : 1/24/2020 11:04 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

BURIED ELECTRIC CABLE
(APPROXIMATE LOCATION)

P.L.

EXISTING R/W

N

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

X TREE TO BE REMOVED

LIMIT OF WETLANDS

42"X60"CMP

CABC

PE

LIMIT OF WETLANDS

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

BURIED FIBER OPTIC LINE
(APPROXIMATE LOCATION)

CONSTRUCTION LIMITS
STA. 113+50'OH'

EP: 115+39.80

716'XOH'

715'XOH'

714'XOH'

3'

3'

12'

12'

3'

3'

110'OH'

111'OH'

112'OH'

REMOVE ROADWAY

113'OH'

114'OH'

OLD HIGHWAY 29 RD.

115'OH'

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

SLOPE
INTERCEPT

BURIED FIBER OPTIC LINE
(APPROXIMATE LOCATION)

EXISTING R/W

EXISTING R/W

SEE PLAN DETAILS
FOR STH 29

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-OLD HIGHWAY 29 ROAD	SHEET E

PRE_47

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDU.DWG
LAYOUT NAME - 021217 pd

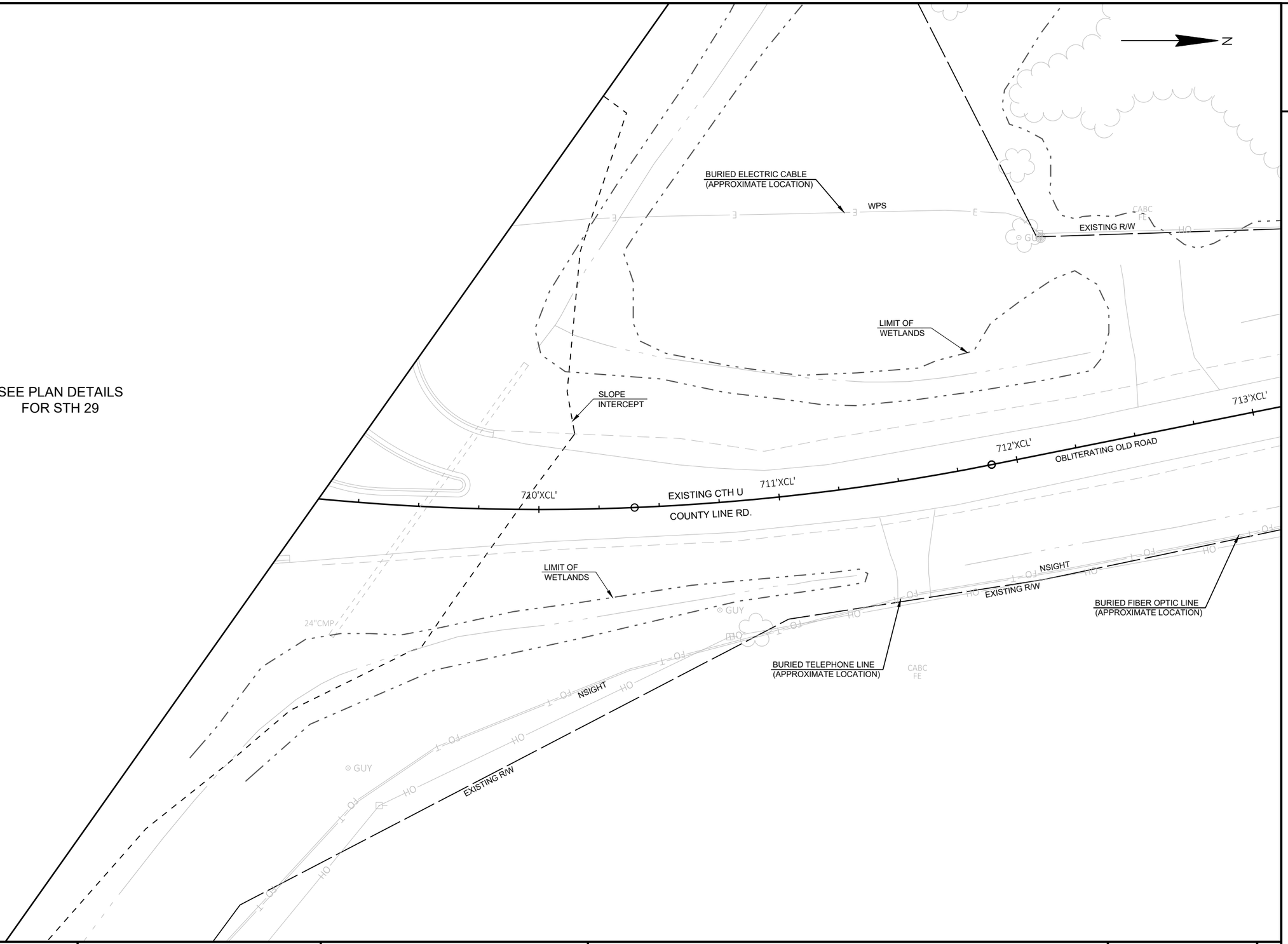
PLOT DATE : 1/24/2020 11:05 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

SEE PLAN DETAILS
FOR STH 29



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH U	SHEET E

PRE_48

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDU.DWG
LAYOUT NAME - 021218 pd

PLOT DATE : 1/24/2020 11:05 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX - SAW CUT
- X TREE TO BE REMOVED

N

EXISTING R/W

CAUTION

BURIED GAS LINE
(APPROXIMATE LOCATION)

GLENDALE AVE.

LIMIT OF WETLANDS

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

NSIGHT

FO

NSIGHT

LIMIT OF WETLANDS

EXISTING R/W

717'XCL'

716'XCL'

715'XCL'

CTH U

OBLITERATING OLD ROAD

EXISTING CTH U
COUNTY LINE RD.

714'XCL'

713'XCL'

NSIGHT

NSIGHT

EXISTING R/W

BURIED FIBER OPTIC LINE
(APPROXIMATE LOCATION)

REMOVE CULVERT PIPE

(REMOVE)
11"CMP

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

EXISTING R/W

BURIED TELEPHONE CABLE
(APPROXIMATE LOCATION)

GLENDALE AVE.

EXISTING R/W

EXISTING R/W

18"CMP

CABC
CE

18"CMP

ASPH
CE

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH U	SHEET E

PRE_49

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021201-PDU.DWG
LAYOUT NAME - 021219 pd

PLOT DATE : 1/24/2020 11:06 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX SAW CUT
- X TREE TO BE REMOVED

N

EXISTING R/W

WPS

CTH VV

EXISTING R/W

WPS

CABC FE

18" RCCP

ASPHALTIC FLUME REQUIRED

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

SLOPE INTERCEPT

R/W LINE

3'

5'

12'

29'

28'SB'

28'NB'

27+00

P.L.

MATCH LINE STA. 29+00'NB'

SLOPE INTERCEPT

R/W LINE

CONSTRUCTION LIMITS STA. 27+00'NB'

EDGE OF PAVEMENT

EDGE OF CABC SHOULDER

EDGE OF PAVED SHOULDER

ASPHALTIC FLUME REQUIRED

BEGIN CONCRETE CURB AND GUTTER STA. 27+90'NB'

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D.

BARN

SIGN

CABC FE

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH VV	SHEET E

PRE_50

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021220 pd

PLOT DATE : 1/24/2020 11:06 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX SAW CUT

TREE TO BE REMOVED

N

CONCRETE TRUCK APRON
12-INCH COLORING CONCRETE
WISDOT RED

CONCRETE CURB AND GUTTER
18-INCH TYPE A REQ'D.

SLOPE INTERCEPT

TLE

R/W LINE

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
4-INCH SLOPED
36-INCH TYPE R REQ'D.

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CTH VV SOUTHBOUND
CONSTRUCTION R/L

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

LIMIT OF WETLANDS

SLOPE INTERCEPT

R/W LINE

CONCRETE SIDEWALK
4-INCH REQ'D

MATCH LINE STA. 29+00'NB'

REMOVE EXISTING
ASPHALT PAVEMENT

CTH VV

WPS

18" RCCP (REMOVE)

XXXX

ASPH RF

HSE

ASPHALT

CABC

WELL

P.L.

OH

G

12'CA

13'CA

LANDSCAPE AREA
(SEE PLANTING DETAIL)

MATCH LINE STA. 35+00'NB'

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

SLOPE INTERCEPT

R/W LINE

TLE LINE

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CTH VV NORTHBOUND
CONSTRUCTION R/L

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CTH TS

MATCH LINE STA. 101+00'CE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH VV	SHEET E

PRE_51

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021221 pd

PLOT DATE : 1/24/2020 11:07 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

N

R/W LINE

R/W LINE

SLOPE INTERCEPT

CTH VV SOUTHBOUND CONSTRUCTION R/L

MATCH LINE STA. 35+00'NB'

35'SB'

35'NB'

36'SB'

36'NB'

37'SB'

37'NB'

38'SB'

38'NB'

39'SB'

39'NB'

40'SB'

40'NB'

CTH VV

57'

5'

9'

12'

5'

7'

12'

5'

6'

CONCRETE SIDEWALK
4-INCH REQ'D.

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

MATCH LINE STA. 40+50'NB'

CTH VV NORTHBOUND
CONSTRUCTION R/L

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE INTERCEPT

(REM.) RCCP

REMOVE EXISTING
CULVERT PIPE

REMOVE FIELD
ENTRANCE

CABC
FE

R/W LINE

REMOVE EXISTING
ASPHALT PAVEMENT

769'XT'

EXISTING CTH VV (TRIANGLE DRIVE)

MATCH LINE STA. 770+00'XT'
SEE TRIANGLE DRIVE PLAN DETAILS

DETENTION POND

OH

WPS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH VV	SHEET E

PRE_52

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021222 pd

PLOT DATE : 1/24/2020 11:07 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

MATCH LINE STA. 40+50'NB'

LIMIT OF WETLANDS

MATCH LINE STA. 215+50'RA'
SEE RAMP A PLAN DETAIL

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

CONCRETE CURB AND GUTTER
4-INCH SLOPED
30-INCH TYPE G REQ'D

SLOPE INTERCEPT

CONCRETE TRUCK APRON
9-INCH COLORING CONCRETE
WISDOT RED

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CTH VV SOUTHBOUND
CONSTRUCTION R/L

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

RAMP A

216RA

CONCRETE CURB AND GUTTER
4-INCH SLOPED
36-INCH TYPE R REQ'D

SLOPE INTERCEPT

NOTE:
SEE PLAN DETAILS FOR REMOVALS ALONG STH 29

STH 29/32 EASTBOUND

18" RCCP
(REMOVE)

CONCRETE TRUCK APRON
12-INCH COLORING CONCRETE
WISDOT RED

STRUCTURE B-05-0416 REQ'D.

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

CONCRETE PAVEMENT
APPROACH SLAB REQ'D.

CONCRETE PAVEMENT
9-INCH REQ'D

CTH VV

LANDSCAPE AREA
(SEE PLANTING DETAILS)

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

CONCRETE SIDEWALK
4-INCH REQ'D

RAMP B

ASPHALTIC
FLUME REQ'D.

ASPHALTIC
FLUME REQ'D.

MATCH LINE STA. 301+00'RB'
SEE RAMP B PLAN DETAIL

CONCRETE CURB AND GUTTER
18-INCH TYPE A REQ'D

CONCRETE SIDEWALK
4-INCH REQ'D

CTH VV NORTHBOUND
CONSTRUCTION R/L

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

CONCRETE PAVEMENT
APPROACH SLAB REQ'D.

SLOPE INTERCEPT

LIMIT OF WETLANDS

LIMIT OF WETLANDS

MATCH LINE STA. 46+00'NB'

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH VV	SHEET E

PRE_53

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021223 pd

PLOT DATE : 1/24/2020 11:08 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND
LIMITS OF CONCRETE
LIMITS OF HMA PAVEMENT
XXXX XXXX SAW CUT
TREE TO BE REMOVED

SLOPE INTERCEPT
STRUCTURE B-05-0416 REQ'D.
STH 29/STH 32 WESTBOUND
MATCH LINE STA. 524+75'RD'
SEE RAMP D PLAN DETAIL
RAMP D
LIMIT OF WETLANDS
ASPHALTIC FLUME REQ'D
NOTE:
SEE PLAN DETAILS FOR REMOVALS ALONG STH 29
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R REQ'D
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE
CONCRETE SIDEWALK 4-INCH REQ'D
CONCRETE TRUCK APRON 12-INCH COLORING CONCRETE WISDOT RED
CONCRETE PAVEMENT 9-INCH REQ'D
CONCRETE PAVEMENT APPROACH SLAB REQ'D.
8"
7'
13'
33CC
LANDSCAPE ARE (SEE PLANTING DETAILS)
46'SB'
47'SB'
47'NB'
48'SB'
48'NB'
CTH VV
MATCH LINE STA. 46+00'NB'
CONCRETE SIDEWALK 4-INCH REQ'D
CONCRETE PAVEMENT APPROACH SLAB REQ'D.
CONCRETE PAVEMENT 9-INCH REQ'D
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
10'
8'
CONCRETE CURB AND GUTTER 18-INCH TYPE A REQ'D
WPS
SLOPE INTERCEPT
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
RAMP C
40'
MATCH LINE STA. 401+00'RC'
SEE RAMP C PLAN DETAIL
N
ASPHALTIC FLUME REQ'D
FUTURE SNOWMOBILE TRAIL
SLOPE INTERCEPT
R/W LINE
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE G REQ'D
CONCRETE TRUCK APRON 9-INCH COLORING CONCRETE WISDOT RED
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
CTH VV SOUTHBOUND CONSTRUCTION R/L
CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D
CONCRETE SIDEWALK 4-INCH REQ'D
6'
5'
10'
51'SB'
MARLEY ST.
52'
51'NB'
MATCH LINE STA. 52+00'NB'
CONCRETE SIDEWALK 4-INCH REQ'D
CTH VV NORTHBOUND CONSTRUCTION R/L
CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D
CONCRETE CURB AND GUTTER 30-INCH TYPE A REQ'D
CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE
CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE G REQ'D
CONCRETE TRUCK APRON 9-INCH COLORING CONCRETE WISDOT RED
RAMP C
NSIGHT
NSIGHT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-MARLEY ST.	SHEET E

PRE_54

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021224 pd
PLOT DATE : 1/24/2020 11:08 AM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

R/W LINE

SLOPE INTERCEPT

PROPOSED TREELINE

FUTURE SNOWMOBILE TRAIL

R/W LINE

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

MATCH LINE STA. 58+00'NB'

CTH VV SOUTHBOUND CONSTRUCTION R/L

CONCRETE SIDEWALK 4-INCH REQ'D

MATCH LINE STA. 52+00'NB'

52'SB'

53'SB'

54'SB'

55'SB'

56'SB'

57'SB'

58'

53'NB'

54'NB'

MARLEY ST.

55'NB'

56'NB'

57'NB'

10'

5'

12'

7'

OWEST

ATC

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

NSIGHT

NSIGHT

MARLEY ST.

REMOVE ROADWAY

ATC

NSIGHT

R/W LINE

CTH VV NORTHBOUND CONSTRUCTION R/L

LIMIT OF WETLANDS

FUTURE SNOWMOBILE TRAIL

SLOPE INTERCEPT

EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-MARLEY ST.	SHEET E

PRE_55

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021225 pd

PLOT DATE : 1/24/2020 11:09 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

PROPOSED TREELINE

PROPOSED TREELINE

SLOPE INTERCEPT

R/W LINE

FUTURE SNOWMOBILE TRAIL

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

MATCH LINE STA. 58+00'NB'

MARLEY ST.

58'SB'

59'NB'

NSIGHT

WPS

43CD

LANDSCAPE AREA (SEE PLANTING DETAIL)

41CD

EVERGREEN AVE.

598'EGE'

598'EGW'

QWEST

601'EGE'

601'EGW'

LIMIT OF WETLANDS

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

CONCRETE TRUCK APRON 12-INCH COLORING CONCRETE WISDOT RED

CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE

FUTURE SNOWMOBILE TRAIL

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

TLE LINE

R/W LINE

CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE

CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R REQ'D

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE G REQ'D

CONCRETE TRUCK APRON 9-INCH COLORING CONCRETE WISDOT RED

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

SLOPE INTERCEPT

TLE LINE

R/W LINE

EXISTING R/W

R/W LINE

NSIGHT

WPS

61'SB'

LIMIT OF WETLANDS

62'SB'

CTH VV

62'NB'

63'SB'

63'NB'

MATCH LINE STA. 63+50'NB'

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 18-INCH TYPE A REQ'D

CONCRETE SIDEWALK 4-INCH STAMPED COLORED CONCRETE

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D

EXISTING R/W

SLOPE INTERCEPT

PROPOSED TREELINE

R/W LINE

CONCRETE SIDEWALK 4-INCH REQ'D

LIMIT OF WETLANDS

TLE LINE

R/W LINE

P.L.

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-MARLEY ST.	SHEET E

PRE_56

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021226 pd

PLOT DATE : 1/24/2020 11:09 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE STA. 63+50NB

MILLWOOD CT.

798'MW'

799'MW'

CONSTRUCTION LIMITS
STA. 798+25'M'

EXISTING R/W

NSIGHT

EXISTING R/W

NSIGHT

ASPHALTIC
FLUME REQ'D.

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

REMOVE
FENCE

SLOPE
INTERCEPT

CTH VV SOUTHBOUND
CONSTRUCTION R/L

TLE LINE

R/W LINE

STA BACK = 64+95.14

STA AHEAD = 65+25.00

15'

15'

18"CMP
(REM.)

REMOVE EXISTING
CULVERT PIPE

REMOVE EXISTING
ROADWAY
64'SB'

QWEST
NSIGHT

18"CMP
(TO REMAIN)

P.L.

P.L.

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

LIMIT OF
WETLANDS

EXISTING R/W

NSIGHT

EXISTING R/W

WPS

WPS

66'SB'

67'SB'

68'SB'

MARLEY ST.

69'SB'

REMOVE EXISTING
CULVERT PIPE

64'NB'

(REMOVE)

(REMOVE)

16'

16'

65'NB'

66'NB'

67'NB'

68'NB'

69'NB'

CTH VV NORTHBOUND
CONSTRUCTION R/L

CONSTRUCTION LIMITS
STA. 66+00'NB'

LIMIT OF
WETLANDS

EXISTING R/W

SLOPE
INTERCEPT

TLE LINE

REMOVE EXISTING
CULVERT PIPE

PROPOSED
TREELINE

PROPOSED
TREELINE

PROPOSED
TREELINE

CONCRETE SIDEWALK 4-INCH
STAMPED COLORED CONCRETE

END CONCRETE CURB AND GUTTER
STA. 65+25NB LT. AND RT.

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-MARLEY ST.	SHEET E

PRE_57

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021202-PDVV.DWG
LAYOUT NAME - 021227 pd

PLOT DATE : 1/24/2020 11:09 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

STH 29/32 EASTBOUND

535+00

18" RCCP

FO

POST

QWEST

LIMIT OF WETLANDS

MATCH LINE STA. 209+50'RA'
SEE STH 29 PLAN DETAIL

PT: 209+62.36

SLOPE INTERCEPT

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

ASPHALTIC FLUME
REQUIRED

LIMIT OF WETLANDS

PT: 215+04.22

MATCH LINE STA. 215+50'RA'
SEE CTH VV PLAN DETAIL

210'RA'

211'RA'

RAMP A

212'RA'

PC: 212+10.46

213'RA'

214'RA'

215'RA'

1'

3'

15'

5'

3'

15'

6'

ASPHALTIC FLUME
REQUIRED

LIMIT OF WETLANDS

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

R/W LINE

SLOPE INTERCEPT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP A	SHEET E

PRE_58

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021208-PDRA.DWG
LAYOUT NAME - 021229 pd

PLOT DATE : 1/24/2020 11:10 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

MATCH LINE STA. 301+00'RB'
SEE CTH VV RAMP PLAN DETAIL

MATCH LINE STA. 306+00'RB'

PT: 302+79.89

301'RB' 302'RB' 303'RB' 304'RB' 305'RB' 306

1' 3' 15' 5' 3'

RAMP B

SLOPE INTERCEPT

SLOPE INTERCEPT

PROPOSED TREELINE

R/W LINE

QWEST

FO

POST

SHED

SHED

G

ASPHALT

N

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP B	SHEET E

PRE_59

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021209-PDRB.DWG
LAYOUT NAME - 021230 pd

PLOT DATE : 1/24/2020 11:11 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND
LIMITS OF CONCRETE
LIMITS OF HMA PAVEMENT
XXXX XXXX SAW CUT
TREE TO BE REMOVED

N

549'EB'
550'EB'
551'EB'
552'EB'
WPS
STH 29 EASTBOUND
INSIGHT
18" RCCP (TO REMAIN)
REMOVE GUARDRAIL
LIMIT OF WETLANDS
QWEST
SLOPE INTERCEPT
LIMIT OF WETLANDS
PC: 308+69.24
REMOVE ROADWAY
307'RB'
308'RB'
309'RB'
311'RB'
RAMP B
1'
3'
15'
5'
3'
MATCH LINE STA. 306+00'RB'
MATCH LINE STA. 311+00'RB'
SEE STH 29 PLAN DETAIL
NSIGHT
18"CMP (REMOVE)
ABC FE
(REMOVE)
PROPOSED TREELINE
SLOPE INTERCEPT
R/W LINE
EXISTING R/W
N. OVERLAND RD.
EXISTING R/W
NOTE:
SEE TRIANGLE DRIVE PLAN DETAILS FOR ADDITIONAL INFORMATION SOUTH OF THE SOUTHERLY SLOPE INTERCEPT LINE.
POST
HSE
GUY
OH
CABC FE
18" CMCP
WPS
EXISTING R/W
TRIANGLE DR.
WPS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP B	SHEET E

PRE_60

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021209-PDRB.DWG
LAYOUT NAME - 021231 pd
PLOT DATE : 1/24/2020 11:12 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

N

FUTURE SNOWMOBILE TRAIL

SLOPE INTERCEPT

R/W LINE

18"CMP (REMOVE)

CABC FF (REMOVE)

REMOVE ROADWAY

MARLEY STREET

NSIGHT

LIMIT OF WETLANDS

LIMIT OF WETLANDS

PI: 404+94.01

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

ASPHALTIC FLUME REQ'D.

PC: 403+50.70

3'

5'

15'

403'RC'

404'RC'

405'RC'

406

RAMP C

402'RC'

6'

15'

RC'

ASPHALTIC FLUME REQ'D.

CONCRETE CURB AND GUTTER
30-INCH TYPE A REQ'D

MATCH LINE STA. 401+00'RC'
SEE MARLEY STREET PLAN DETAIL

MATCH LINE STA. 406+00'RC'

NSIGHT

NSIGHT

SLOPE INTERCEPT

WPS

OH

GUY

POST

STH 29/32 WESTBOUND

548'W

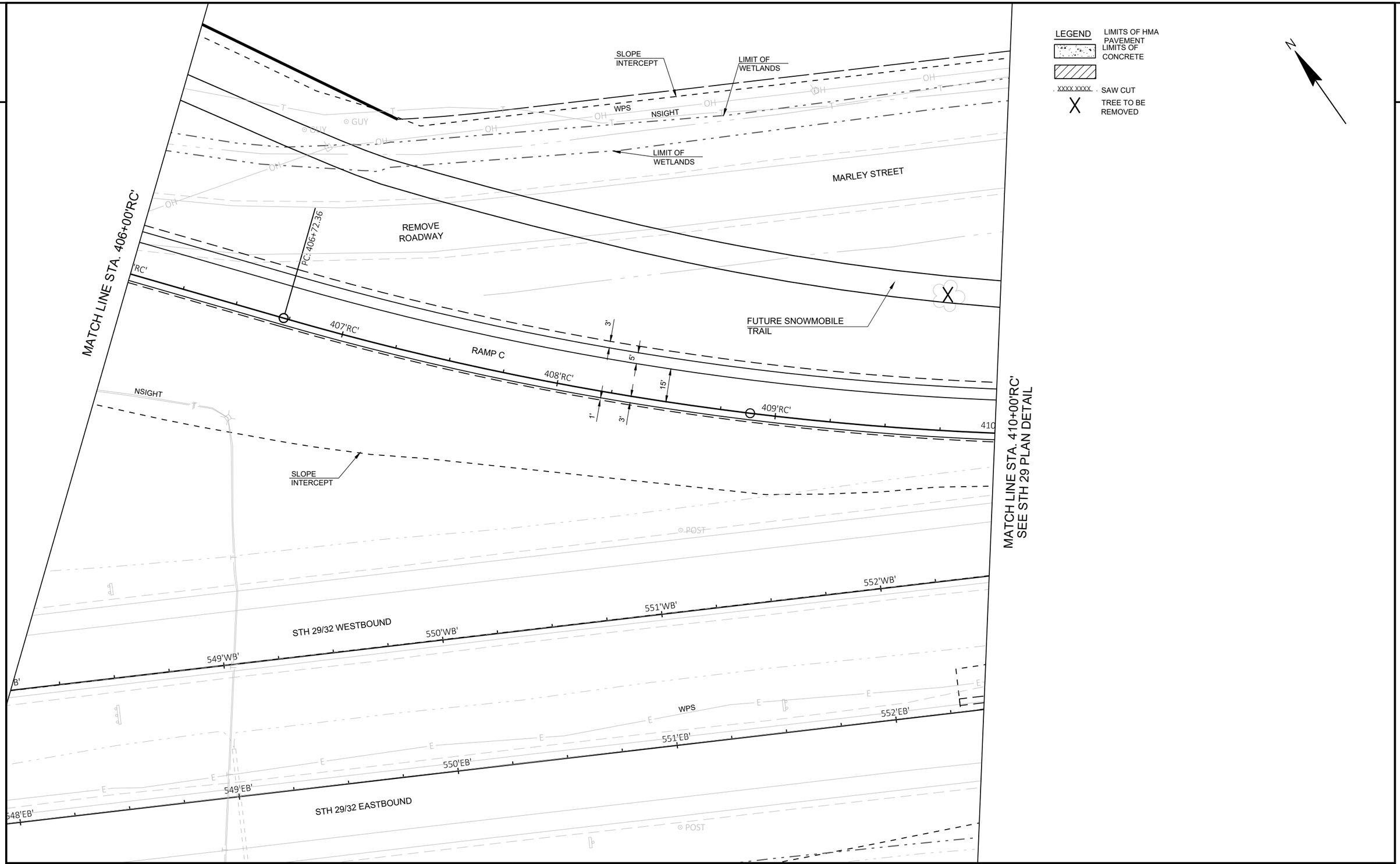
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP C	SHEET E

PRE_61

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021210-PDRC.DWG
LAYOUT NAME - 021232 pd

PLOT DATE : 1/24/2020 11:12 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-NORTHEAST RAMP	SHEET E

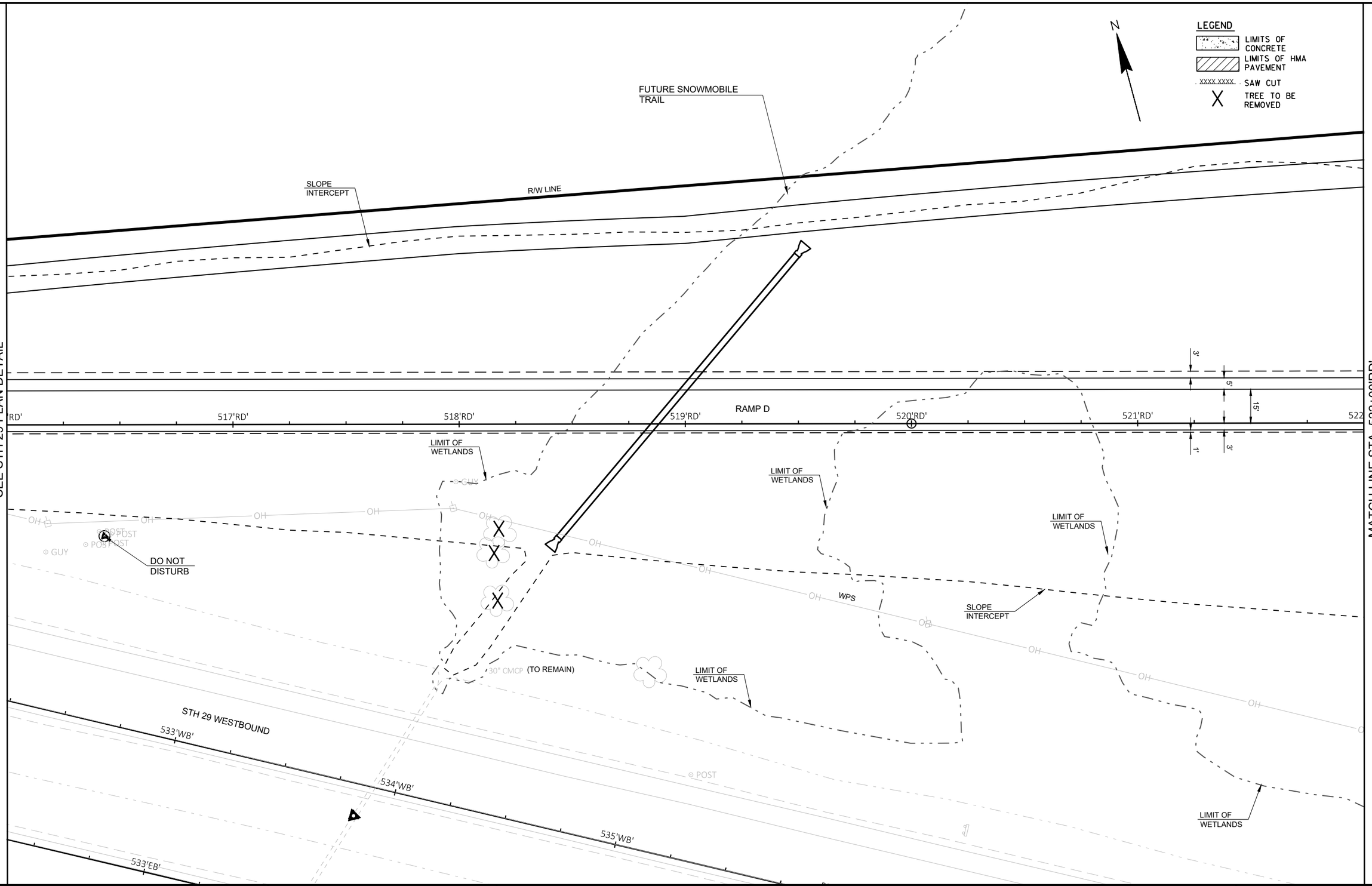
PRE_62

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021210-PDRC.DWG
LAYOUT NAME - 021233 pd

PLOT DATE : 1/24/2020 11:13 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE STA. 516+00'RD'
SEE STH 29 PLAN DETAIL



MATCH LINE STA. 522+00'RD'

2

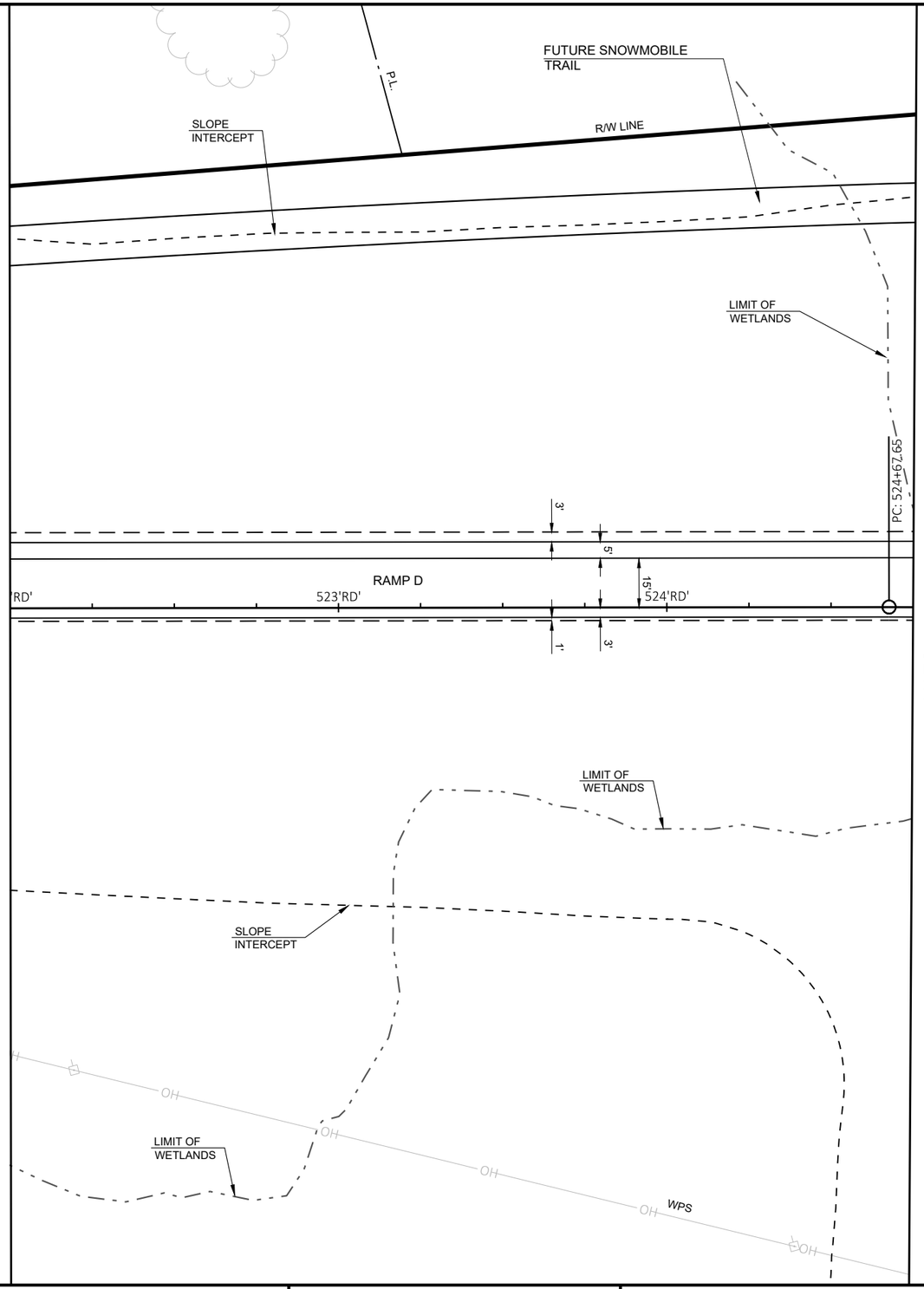
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP D	SHEET E

PRE_63

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021211-PDRD.DWG
LAYOUT NAME - 021234 pd

PLOT DATE : 1/24/2020 11:14 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



N

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS-RAMP D	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021211-PDRD.DWG
LAYOUT NAME - 021235 pd

PLOT DATE : 1/24/2020 11:14 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

N

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK
4-INCH REQ'D

SLOPE
INTERCEPT

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE
INTERCEPT

LIMIT OF
WETLANDS

REMOVE EXISTING
ROADWAY

TLE LINE

R/W LINE

10'

8'

5'

10'

12'

102'CW'

101'CW'

CTH TS

102'CE'

101'CE'

12'

5'

5'

8'

13'

7'

FIELD ENTRANCE
REQ'D.

TLE LINE

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

R/W LINE

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CTH VV

10'

R/W LINE

TLE LINE

SLOPE
INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CAUTION

BURIED GAS LINE
(APPROXIMATE LOCATION)

WPS

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

OH

WPS

OH

OH

OH

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH TS	SHEET E

PRE_65

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021203-PDTS.DWG
LAYOUT NAME - 021236 pd

PLOT DATE : 1/24/2020 11:15 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- SAW CUT
- X TREE TO BE REMOVED

LIMIT OF WETLANDS

N

MATCH LINE STA. 102+00'CE'

TLE LINE

R/W LINE

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK
4-INCH REQ'D

SLOPE
INTERCEPT

CTH TS

102'CW'

103'CW'

103'CE'

104'CW'

104'CE'

105'CW'

105'CE'

106'CW'

106'CE'

10'

5'

12'

19'

8'

MATCH LINE STA. 107+00'CE'

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

SAW CUT

TREE TO BE REMOVED

N

MATCH LINE STA. 107+00'CE'

MATCH LINE STA. 113+00'CE'

CTH TS

107'CW'

107'CE'

108'CW'

108'CE'

109'CW'

109'CE'

110'CW'

110'CE'

111'CW'

111'CE'

112'CW'

112'CE'

113

TLE LINE

R/W LINE

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE
INTERCEPT

10'

5'

12'

19'

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE
INTERCEPT

CAUTION

BURIED GAS LINE
(APPROXIMATE LOCATION)

WPS

P.L.

DETENTION POND

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH TS	SHEET E

PRE_67

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021203-PDTS.DWG
LAYOUT NAME - 021238 pd

PLOT DATE : 1/24/2020 11:16 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

X TREE TO BE REMOVED

N

MATCH LINE STA. 113+00'CE'

MATCH LINE STA. 118+00'CE'

CTH TS

TLE LINE

R/W LINE

SLOPE INTERCEPT

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK
4-INCH REQ'D

113'CW'

114'CW'

115'CW'

116'CW'

117'CW'

114'CE'

115'CE'

116'CE'

117'CE'

5'

10'

12'

19'

WPS

CAUTION

BURIED GAS LINE
(APPROXIMATE LOCATION)

STA BACK = 115+27.92

STA AHEAD = 114+85.49

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH TS	SHEET E

PRE_68

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021203-PDTS.DWG
LAYOUT NAME - 021239 pd

PLOT DATE : 1/24/2020 11:16 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

SAW CUT

TREE TO BE REMOVED

N

MATCH LINE STA. 118+00'CE'

SLOPE INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

TLE LINE

R/W LINE

10'

5'

10'

5'

12'

119'CW'

CTH TS

19'

119'CE'

12'

5'

10'

5'

R/W LINE

TLE LINE
~~CONCRETE SIDEWALK~~
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE INTERCEPT

CONSTRUCTION LIMITS
STA. 119+76.2'CE'

WPS

P.L.

CAUTION

BURIED GAS LINE
(APPROXIMATE LOCATION)

120'CW'

121'CW'

122'CW'

123'CW'

123'CE'

124'CW'

122'CE'

121'CE'

120'CE'

124'CE'

N. OVERLAND RD.

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CTH TS	SHEET E

PRE_69

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021203-PDTS.DWG
LAYOUT NAME - 021240 pd

PLOT DATE : 1/24/2020 11:17 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

N

P.L.

R/W LINE

SLOPE INTERCEPT

ASPHALTIC SURFACE REQ'D.

PT: 596+94.22

PT: 597+12.32

PT: 597+75.52

EP: 598+17.41

EP: 598+51.15

596EGW

597EGW

597EGE

598EGW

598EGE

CONSTRUCTION LIMITS
STA. 597+65.5EGE

MARLEY ST.

QWEST

NSIGHT

WPS

OHT

REMOVE EXISTING ROADWAY PAVEMENT

PROPOSED TREELINE

EXISTING R/W

LIMIT OF WETLANDS

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

TLE LINE

8'

5'

12'

10'

601'EGW'

601'EGE'

EVERGREEN AVE.

602'

MATCH LINE STA. 602+00'EGE'

FUTURE SNOWMOBILE TRAIL

PROPOSED TREELINE

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_70

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021241 pd

PLOT DATE : 1/24/2020 11:18 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- SAW CUT
- X TREE TO BE REMOVED

P.L.

TLE LINE

R/W LINE

SLOPE INTERCEPT

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CONCRETE SIDEWALK
4-INCH REQ'D

5'

5'

12'

607'EGW'

606'EGW'

605'EGW'

604'EGW'

603'EGW'

602'EGW'

607'EGE'

606'EGE'

605'EGE'

604'EGE'

603'EGE'

608'EGE'

5'

12'

10'

5'

18'

EVERGREEN AVE.

R/W LINE

TLE LINE

SLOPE INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

PLE FOR DRAINAGE

MATCH LINE STA. 608+00'EGE'

MATCH LINE STA. 602+00'EGE'

N

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_71

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021242 pd

PLOT DATE : 1/24/2020 11:18 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- SAW CUT
- X TREE TO BE REMOVED

N

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

SLOPE
INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB
PEDESTRIAN 6-INCH REQ'D.

CONCRETE CURB
PEDESTRIAN 6-INCH REQ'D.

TLE LINE

R/W LINE

611'EGW'

612'EGW'

613'EGW'

614'EGW'

610'EGW'

609'EGW'

612'EGE'

613'EGE'

610'EGE'

609'EGE'

614'

EVERGREEN AVE.

MATCH LINE STA. 608+00'EGE'

MATCH LINE STA. 614+00'EGE'

SLOPE
INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

R/W LINE

TLE LINE

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_72

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021243 pd

PLOT DATE : 1/24/2020 11:18 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

SAW CUT

TREE TO BE REMOVED

P.L

CAUTION

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

TLE LINE

R/W LINE

SLOPE INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

REMOVE FENCE

MATCH LINE STA. 614+00'EGE'

EVERGREEN AVE.

615'EGW'

616'EGW'

617'EGW'

618'EGW'

619'EGW'

620'EGW'

615'EGE'

616'EGE'

617'EGE'

618'EGE'

619'EGE'

620'

MATCH LINE STA. 620+00'EGE'

5'

10'

12'

19'

17'

ATC

OH

SLOPE INTERCEPT

PLE FOR DRAINAGE

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_73

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021244 pd

PLOT DATE : 1/24/2020 11:19 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

MATCH LINE STA. 620+00'EGE'

REMOVE FENCE

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D.

STA. 623+32.29EGE EVERGREEN AVE.=
STA. 700+00.00CN CONNECTION RD.
Y=589673.825
X=60821.673

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH REQ'D.

TLE LINE

R/W LINE

EVERGREEN AVE.

621'EGW'

621'EGE'

622'EGW'

622'EGE'

623'EGW'

623'EGE'

624'EGW'

624'EGE'

625'EGW'

625'EGE'

626'E

MATCH LINE STA. 626+00'EGE'

5'

12'

19'

10'

7'

15'

38' R

58' R

CONCRETE CURB PEDESTRIAN 6-INCH REQ'D.

CONNECTION RD. 701CN

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D.

CONCRETE CURB PEDESTRIAN 6-INCH REQ'D.

P.L.

WELL

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_74

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021245 pd

PLOT DATE : 1/24/2020 11:19 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX SAW CUT

TREE TO BE REMOVED

N

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

CONCRETE CURB
PEDESTRIAN 6-INCH REQ'D.

CONCRETE CURB
PEDESTRIAN 6-INCH REQ'D.

CONCRETE SIDEWALK
4-INCH REQ'D

TLE LINE

SLOPE
INTERCEPT

R/W LINE

MATCH LINE STA. 626+00'EGE'

MATCH LINE STA. 632+00'EGE'

627'EGW'

628'EGW'

629'EGW'

630'EGW'

631'EGW'

627'EGE'

628'EGE'

629'EGE'

630'EGE'

631'EGE'

EVERGREEN AVE.

5'

10'

12'

19'

5'

10'

5'

12'

5'

R/W LINE

TLE LINE

SLOPE
INTERCEPT

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D.

P.L.

P.L.

P.L.

P.L.

P.L.

HO

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_75

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021246 pd

PLOT DATE : 1/24/2020 11:20 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

DETENTION POND

WOODS

R/W LINE

TLE LINE

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH REQ'D

CONCRETE CURB AND GUTTER 30-INCH TYPE D REQ'D.

END CONCRETE CURB AND GUTTER AND SIDEWALK LEFT AND RIGHT STA. 634+75'EGE'

PROPOSED TREELINE

REMOVE EXISTING CULVERT PIPE

MATCH LINE STA. 632+00'EGE'

MATCH LINE STA. 638+00'EGE'

EVERGREEN AVE.

633'EGW'

634'EGW'

635'EGW'

636'EGW'

637'EGW'

633'EGE'

634'EGE'

635'EGE'

636'EGE'

637'EGE'

10'

5'

12'

19'

3'

(REMOVE) 30" CMCP

(TO REMAIN) 18"CMP

(TO REMAIN) 24" CMCP

(TO REMAIN) 18 CMCP

(TO REMAIN) 12" PVC

737'XMM'

736'XMM'

735'XMM'

734'XMM'

733'XMM'

REMOVE EXISTING ROADWAY PAVEMENT

MILLTOWN RD.

EXISTING R/W

WPS

NSIGHT

P.L.

CABC FE

ASPH PE

ASPH CE

ASPHALT

SIGN

POST

GUY

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

PRE_76

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021247 pd

PLOT DATE : 1/24/2020 11:20 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

2

LEGEND

LIMITS OF CONCRETE

LIMITS OF HMA PAVEMENT

XXXX XXXX SAW CUT

TREE TO BE REMOVED

N

P.L.

BARN

SILO

CABC

ASPH

PLANTER

CABC FE

18" CMCP

EXISTING R/W

SLOPE INTERCEPT

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

EDGE OF PAVEMENT

TLE LINE

R/W LINE

MATCH LINE STA. 638+00'EGE'

WPS

NSIGHT

639'EGW'

639'XMM'

640'EGE'

641'EGE'

642'EGE'

643'EGE'

644'EGE'

EVERGREEN AVE.

REMOVE EXISTING ROADWAY PAVEMENT

12'

5'

3'

(REMOVE) 24" CMCP

REMOVE EXISTING CULVERT PIPE

EDGE OF PAVEMENT

EDGE OF BAD SHOULDER

EDGE OF PAVED SHOULDER

SLOPE INTERCEPT

SIGN

PLANTER

ASPHALT

POST

CONC

BUILDING

SHED

CONSTRUCTION LIMITS
STA. 642+50'EGE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-EVERGREEN AVE.	SHEET E

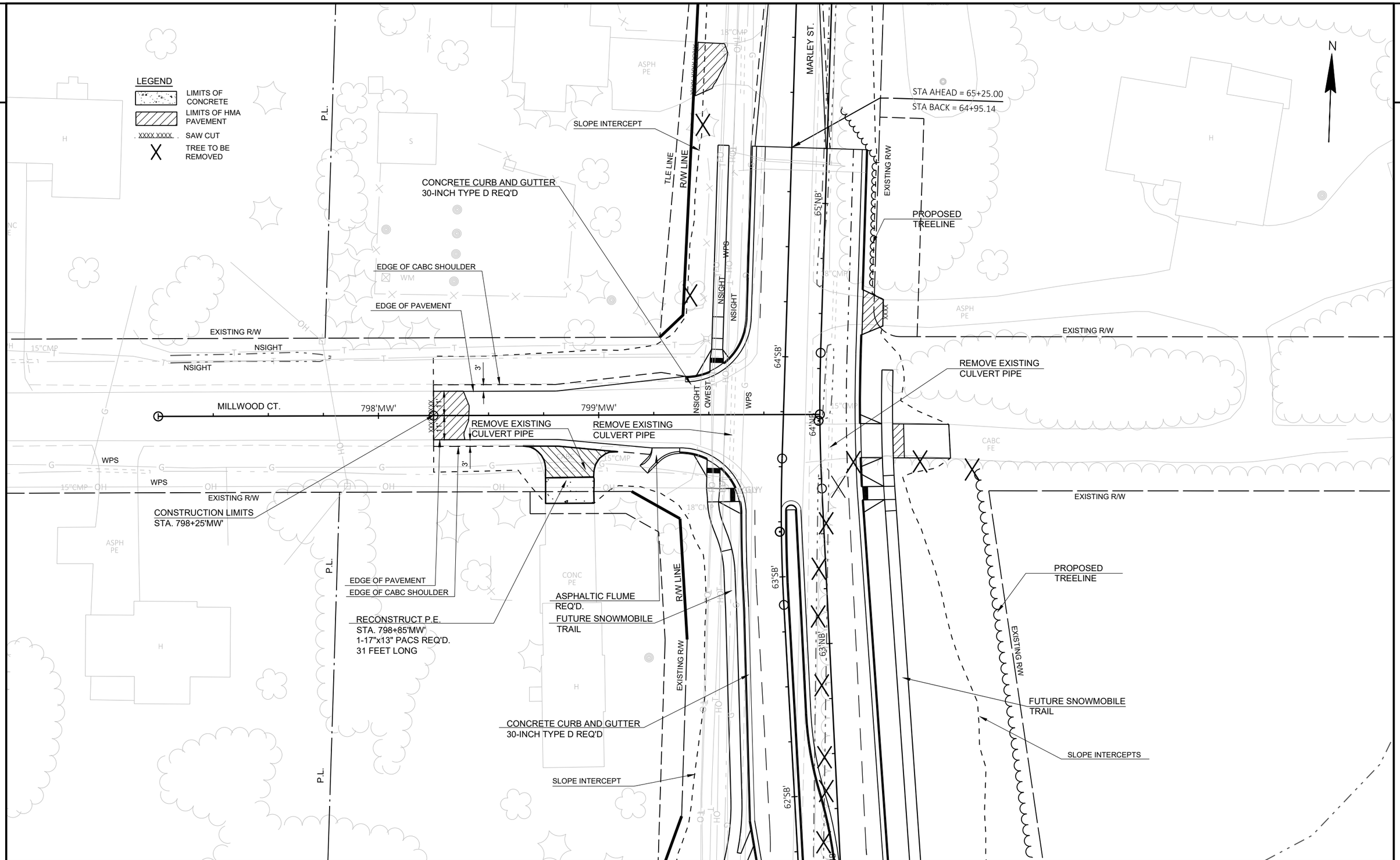
PRE_77

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021204-PDEG.DWG
LAYOUT NAME - 021248 pd

PLOT DATE : 1/24/2020 11:20 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-MILLWOOD CT.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021206-PDMW.DWG
LAYOUT NAME - 021249 pd

PLOT DATE : 1/24/2020 11:21 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

STA. 623+32.29EGE EVERGREEN AVE.=
STA. 700+00.00CN CONNECTION RD.
Y=589673.825
X=60821.673

N

CONCRETE SIDEWALK
4-INCH REQ'D

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

CONCRETE SIDEWALK
4-INCH REQ'D

SLOPE INTERCEPT

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

623EGE

TLE LINE

R/W LINE

624EGE

60' R

15'

15'

40' R

REMOVE FENCE

701'CT'

EVERGREEN AVE.

625EGE

SLOPE INTERCEPT

R/W LINE

CONCRETE SIDEWALK
4-INCH REQ'D

R/W LINE

TLE LINE

626EGE

R/W LINE

CONNECTION RD.

702'CT'

SLOPE INTERCEPT

EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT

CONCRETE CURB AND GUTTER
30-INCH TYPE D REQ'D

SLOPE INTERCEPT

EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
EDGE OF PAVEMENT

P.L.

WELL

SSPC

SSPC

CANOPY

GUY

703'CT'

OHP

WPS

1'
3'
12'
12'
1'
3'

704'CT'

R/W LINE

FUEL PIPES

BLDG

ASPHALT

NSIGHT

WPS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CONNECTION RD.	SHEET E

PRE_79

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021207-PDCN.DWG
LAYOUT NAME - 021250 pd

PLOT DATE : 1/24/2020 11:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND
LIMITS OF CONCRETE
LIMITS OF HMA PAVEMENT
XXXX XXXX SAW CUT
X TREE TO BE REMOVED

N

704'CT'
705'CT'
706'CT'
707'CT'
708'CT'
709'CT'
3'
8'
12'
12'
1'
1'
SLOPE INTERCEPT
CULVERT PIPE REQ'D.
R/W LINE
LIMIT OF WETLANDS
NSIGHT
WPS
OH
(TO REMAIN) 12" CMCP
EDGE OF PAVEMENT
EDGE OF BAD SHOULDER
EDGE OF PAVED SHOULDER
REMOVE EXISTING ROADWAY PAVEMENT
REMOVE AND REPLACE CONCRETE CURB AND GUTTER 30-INCH TYPE D
CULVERT PIPE REQ'D.
REMOVE AND REPLACE CONCRETE CURB AND GUTTER 30-INCH TYPE D
CULVERT PIPE REQ'D.
18" CMCP (REMOVE)
REMOVE CONCRETE CURB AND GUTTER
REMOVE ASPHALT FLUME
CONNECTION RD.
18" CMCP (REMOVE)
REMOVE EXISTING ROADWAY PAVEMENT
24" CMCP (REMOVE)
REMOVE ENTRANCE
24" CMCP (TO REMAIN)
45' R.
STH 29/32 WESTBOUND
CONSTRUCTION LIMITS STA. 709+05.45'CT'
EXISTING R/W
EXISTING MILLTOWN RD.
TLE LINE
BLDG
FUEL PIPES
CANOPY
SEPTIC
SIGN
ASPH
CE
GUY
POST

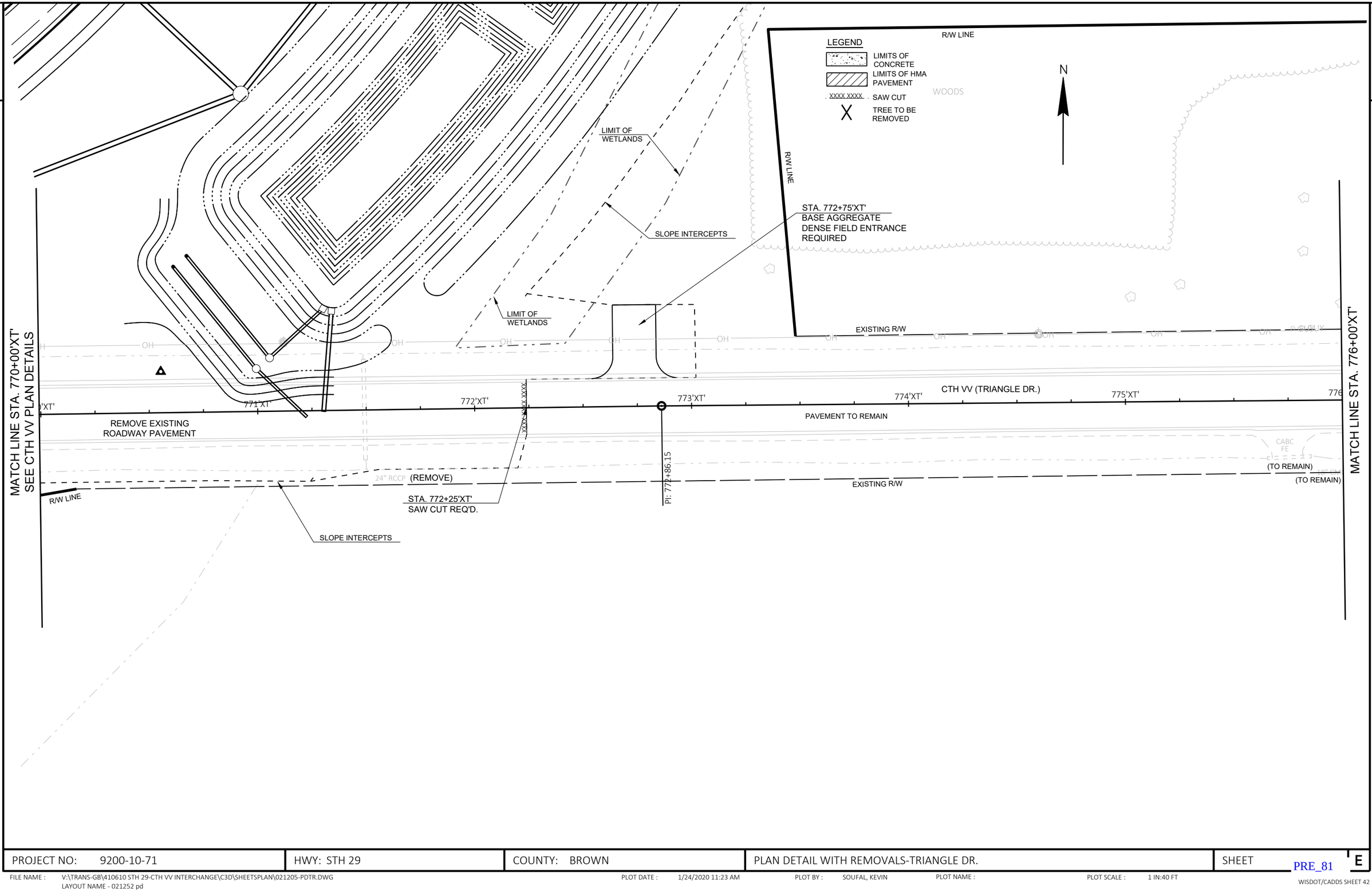
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-CONNECTION RD.	SHEET E

PRE_80

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021207-PDCN.DWG
LAYOUT NAME - 021251 pd
PLOT DATE : 1/24/2020 11:22 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-TRIANGLE DR.	SHEET E

PRE_81

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021205-PDTR.DWG
LAYOUT NAME - 021252 pd

PLOT DATE : 1/24/2020 11:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

LEGEND
- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

PROPOSED TREELINE

R/W LINE

MATCH LINE STA. 776+00'XT'

SHED

SHED

G

POST

POST

ASPHALT

HSE

ASPH PE

(TO REMAIN)

(REMOVE) 18" CMP

18" RCCP (TO REMAIN)

POST

WPS

EXISTING R/W

PI: 776+20.91

XT'

CTH VV (TRIANGLE DR.)

777'XT'

778'XT'

779'XT'

PAVEMENT TO REMAIN

EXISTING R/W

SLOPE INTERCEPT

EXISTING R/W

REMOVE ROADWAY

N. OVERLAND RD.

754'XO'

753'XO'

752'XO'

N. OVERLAND RD.

EXISTING R/W

STA. 779+52.65'XT' TRIANGLE DR.=
STA. 752+42.11'XO' N. OVERLAND RD.
Y = 589153.371
X = 59403.171

755'XO'

307'RB'

308'RB'

309'RB'

RAMP B

18"CMP (REMOVE)

ABC FE (REMOVE)

NSIGHT

SLOPE INTERCEPT

EXISTING R/W

NSIGHT

SLOPE INTERCEPT

GUY

(TO REMAIN)

CABC FE

EXISTING R/W

NSIGHT

NSIGHT

GUY

GUY

780'XT'

781'XT'

782

SIGN

18"CMP (TO REMAIN)

EXISTING R/W

GUY

PC: 781+81.04

CABC PE

(TO REMAIN)

H

P.I.

MATCH LINE STA. 782+00'XT'

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-TRIANGLE DR.	SHEET E

PRE_82

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021205-PDTR.DWG
LAYOUT NAME - 021253 pd

PLOT DATE : 1/24/2020 11:23 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- TREE TO BE REMOVED

MATCH LINE STA. 782+00'XT'

18" CMCP

EXISTING R/W

WPS

OH

GUY

2'XT'

783'XT'

CTH VV (TRIANGLE DR.)

784'XT'

EXISTING R/W

RAMP B

3'RB'

POST

314'RB'

315'RB'

18" RCCP

INL.

SLOPE INTERCEPT

STA. 685+02.93'T'-91.21' LT.
50' R.
Y=589126.846
X=59976.282

STA. 686+20.57'T'-C/L
50' R.
Y=589028.857
X=60053.835

LIMIT OF WETLANDS

PT: 784+84.47

PC: 685+07.45

785'XT'

686'T'

PT: 686+01.58

50' R.

3°

687'T'

EP: 687+25.00

SLOPE INTERCEPT

786'XT'

PC: 786+74.37

787'XT'

REMOVE ROADWAY

788

MATCH LINE STA. 788+00'XT'
SEE STH 29 PLAN DETAIL

EXISTING R/W

SAW CUT REQ'D.
STA. 684+98'T'

BP: 684+85.00

CABC
FE
(TO REMAIN)

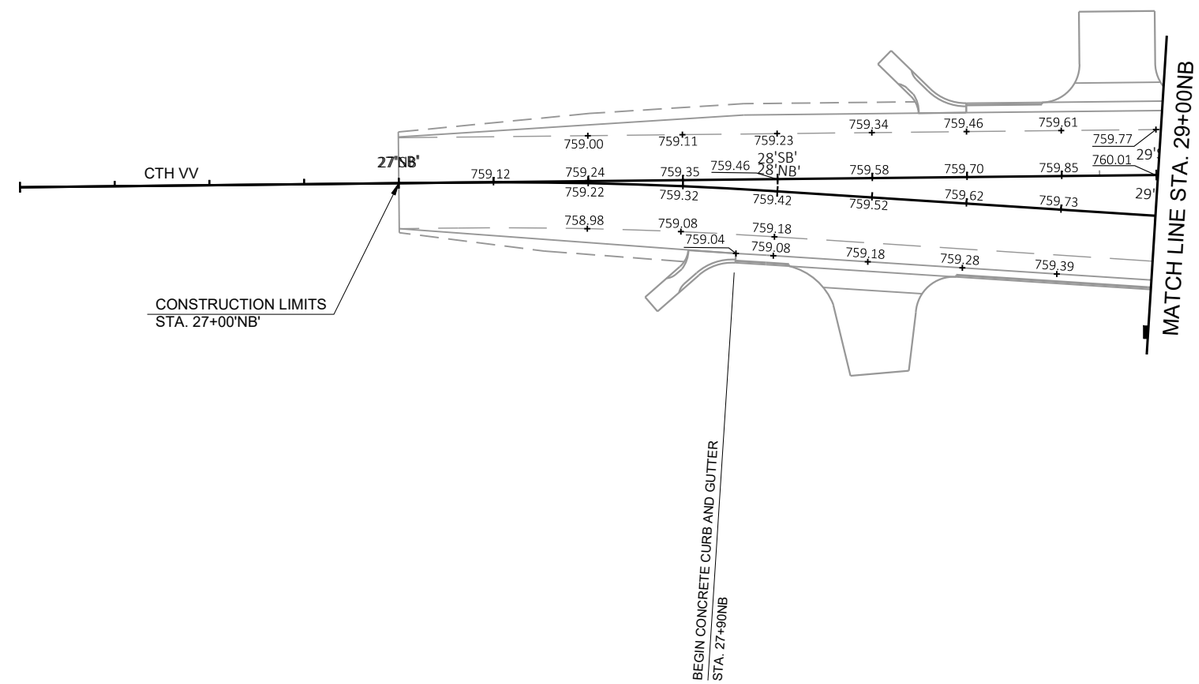
18" CMCP
(TO REMAIN)

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAIL WITH REMOVALS-TRIANGLE DR.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021205-PDTR.DWG
LAYOUT NAME - 021254 pd

PLOT DATE : 1/24/2020 11:24 AM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_84

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022201 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

CTH VV SOUTHBOUND
CONSTRUCTION R/L

CTH VV NORTHBOUND
CONSTRUCTION R/L

MATCH LINE STA. 29+00'NB'

MATCH LINE STA. 35+00'NB'

MATCH LINE STA. 101+00'CE'

CTH VV

CTH TS

769.00

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_85

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022202 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 35+00'NB'

MATCH LINE STA. 40+50'NB'

CTH VV SOUTHBOUND
CONSTRUCTION R/L

CTH VV NORTHBOUND
CONSTRUCTION R/L

CTH VV

DETENTION POND

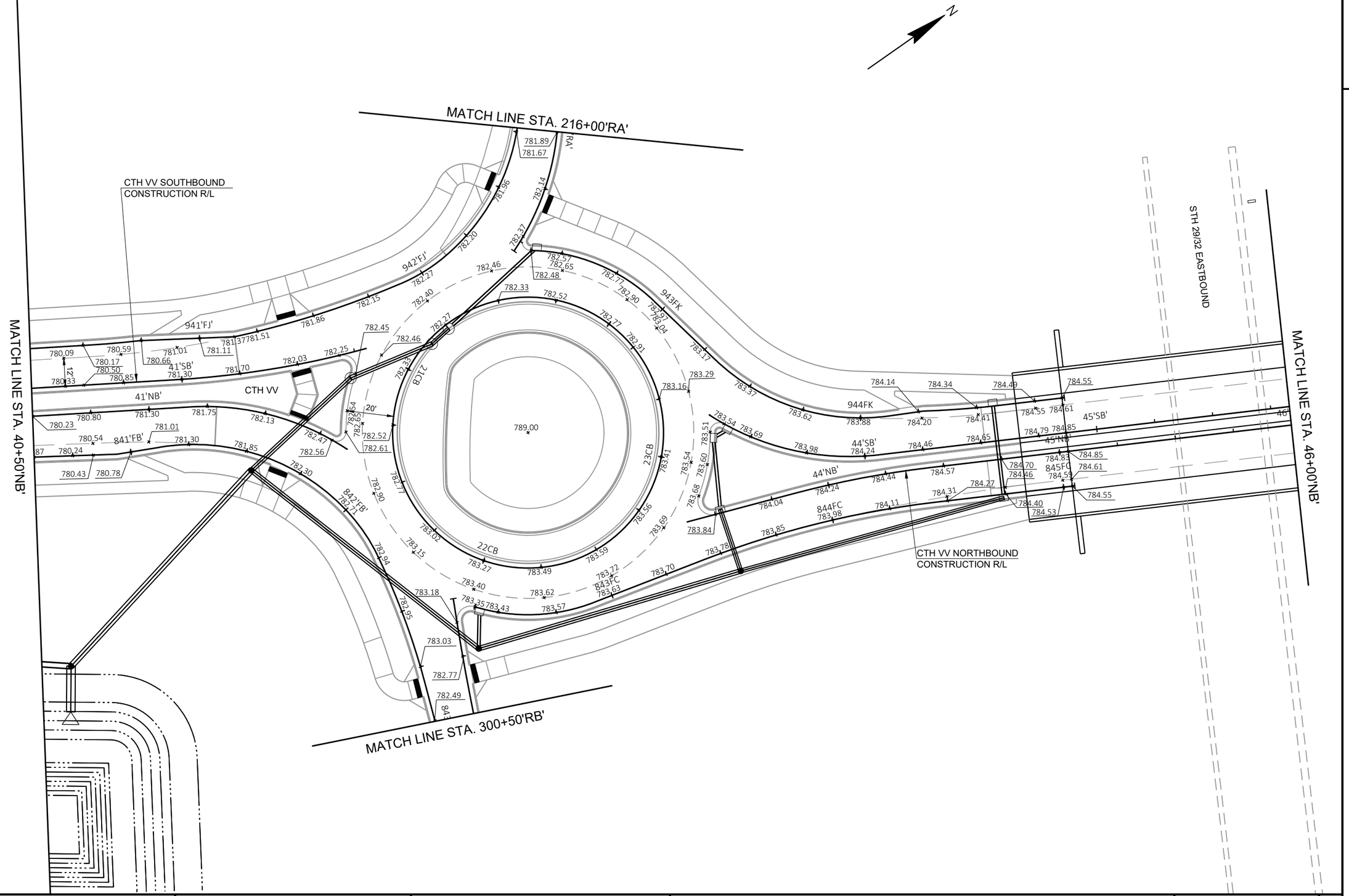
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_86

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022203 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_87

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022204 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA. 46+00'NB'

STH 29/STH 32 WESTBOUND

CTH VV SOUTHBOUND
CONSTRUCTION R/L

MATCH LINE STA. 525+25'RD'

MATCH LINE STA. 52+00'NB'

MARLEY ST.

CTH VV NORTHBOUND
CONSTRUCTION R/L

MATCH LINE STA. 400+50'RC'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_88

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022205 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 52+00'NB'

MATCH LINE STA. 58+00'NB'

CTH VV SOUTHBOUND
CONSTRUCTION R/L

MARLEY ST.

952'FM' 779.82 779.04 778.24 777.43

52'SB' 780.16 779.38 778.58 777.77

NB' 780.51 779.81

2'FE' 780.14

53'NB' 779.46 778.72 777.91

853'FE' 777.08

953'FM' 776.62

53'SB' 776.96 776.15 775.34 774.54

54'NB' 776.59 775.77 774.94 774.12 773.29 772.47 771.64 770.82

853'FE' 776.25 775.43 774.60 773.78 772.95 772.13 771.30

954'FM' 775.81 775.00 774.20 773.39 772.58 771.77 770.96

54'SB' 773.73 772.92 772.11 771.30

854'FE' 773.78

955'FM' 770.16 769.34 768.54 767.74

55'SB' 770.50 769.69 768.88 768.07

55'NB' 769.99 769.17 768.34 767.55

855'FE' 770.48 769.65 768.83 768.00

956'FM' 766.98 766.31 765.71 765.20 764.76 764.41 764.13

56'SB' 767.32 766.65 766.05 765.54 765.10 764.75 764.47

56'NB' 766.84 766.20 765.64 765.16 764.76 764.43 764.18

856'FE' 767.21 766.50 765.86 765.30 764.82 764.42 764.09

957'FM' 766.31 765.71 765.20 764.76 764.41 764.13

57'SB' 765.10 764.75 764.47

57'NB' 765.16 764.76 764.43 764.18 764.01

857'FE' 764.82

58' 764.01

858'F 763.67 763.84

CTH VV NORTHBOUND
CONSTRUCTION R/L

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_89

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022206 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE STA. 58+00'NB'

MATCH LINE STA. 63+50'NB'

MATCH LINE STA. 601+00'EGE'

MARLEY ST.

EVERGREEN AVE.

771.00

42CD

43CD

41CD

958'FM' 763.79 763.90 763.91 763.93 764.27

763.82 959'FM' 764.29 764.57 764.70 764.91 764.93 764.78 764.63 764.00 763.95

763.75 763.85 763.86 764.15 764.11 764.26

58'SB' 764.15 59'SB' 764.46 764.67

59'NB' 764.01 763.67 763.93 763.91 763.98 764.12 764.31 764.45

763.67 763.65 763.56 763.58 763.67

859'FE' 763.92 764.12 764.16 764.05

764.36 764.23 764.17 763.98 763.84 763.97 763.61 763.50

860'FE' 763.78 763.96 763.86 763.75 763.74 763.63 763.66 763.56 763.43 763.38 763.16

763.82 763.68 763.41 763.14 762.82 762.51 762.88 761.96 762.89 762.54

860'FF' 762.85 763.38 763.14

764.80 764.70 764.67 764.75 764.83 764.57 764.61 764.48 764.47 764.39 764.14 764.27 764.10 764.52 764.59 764.12 764.45 764.68 764.75 764.73 764.66 764.58 764.45 764.11 764.38 598'EB' 598'WB' 764.14 764.30 763.99 763.38 960'FM' 960'FN'

961'FN' 763.91 763.56 763.16 762.76 762.36

962'FN' 762.01 761.70 761.38 761.07 760.76

963'FN'

61'SB' 763.86 763.69 763.90 763.36 763.04 762.71

62'SB' 762.39 762.06 761.74 761.41

63'SB' 761.08

62'NB' 763.79 763.65 763.78 763.51 763.36 763.06 762.77 762.47 762.17 761.87 761.58 761.28

63'NB' 761.48 761.78 761.18 760.98

861'FF' 763.31 763.04 762.74 762.62 762.44

862'FF' 762.10 761.81 761.52 761.23

863'FF' 760.95 760.66

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_90

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022207 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MILLWOOD CT.

798'MW'

799'MW'

800'MW'

964FO

EQUATION

STA BACK = 64+95.14
STA AHEAD = 65+25.00

CTH VV SOUTHBOUND
CONSTRUCTION R/L

MATCH LINE STA. 63+50'NB'

759.81 759.81 759.81 759.81 759.81 759.95 759.96 759.66 759.95

760.39 760.20 760.11

64'SB' 759.80 759.58 759.46 759.43 759.58 759.68 66'SB' 759.77 67'SB' 68'SB' 69'SB'

760.76 760.43 759.26 759.14 759.11 759.16 759.48

MARLEY ST.

760.69 760.39 64'NB' 760.09 759.80 759.59 759.46 65'NB' 759.42 759.48 66'NB' 67'NB' 68'NB' 69'NB'

759.14

864'FF' 759.78 759.48 759.27 865'FF' 759.10 759.16

760.08 760.37

CONSTRUCTION LIMITS
STA. 66+00.00'NB'

CTH VV NORTHBOUND
CONSTRUCTION R/L

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_91

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021301-PGVV.DWG
LAYOUT NAME - 022208 pg

PLOT DATE : 1/22/2020 7:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE STA. 101+00'CE'

CTH TS

101'CW' 761.74 761.47 761.40 761.19 761.10

761.56 761.30 761.20 761.03 760.93

761.40 761.15 761.05 760.90 760.80

761.25 761.01 760.91 760.77 760.67

102'CW' 761.11 760.87 760.77 760.63 760.54

760.98 760.74 760.64 760.51 760.41

760.85 760.61 760.51 760.39 760.29

760.72 760.48 760.38 760.25 760.16

103'CW' 760.59 760.35 760.25 760.12 760.03

760.46 760.22 760.12 759.99 759.92

760.33 760.09 759.99 759.86 759.79

760.20 759.96 759.86 759.73 759.66

104'CW' 760.07 759.94 759.81 759.68 759.60 759.47 759.34 759.21 759.08 758.95 758.82 758.69 758.56 758.43 758.30

105'CW' 759.55 759.42 759.29 759.16 759.03 758.90 758.77 758.64

106'CW' 759.03 758.90 758.77 758.64

CE' 761.49 761.31 761.15 761.01 760.88 760.75 760.62 760.50 760.38 760.25 760.12 760.00 759.88 759.75 759.62 759.50 759.38 759.25 759.12 759.00 758.88 758.75 758.62 758.50 758.38

102'CE' 761.31 761.15 761.01 760.88 760.75 760.62 760.50 760.38 760.25 760.12 760.00 759.88 759.75 759.62 759.50 759.38 759.25 759.12 759.00 758.88 758.75 758.62 758.50 758.38

103'CE' 760.88 760.75 760.62 760.50 760.38 760.25 760.12 760.00 759.88 759.75 759.62 759.50 759.38 759.25 759.12 759.00 758.88 758.75 758.62 758.50 758.38

104'CE' 760.63 760.51 760.39 760.29 760.16 760.03 759.92 759.79 759.66 759.54 759.41 759.28 759.16 759.03 758.91 758.78 758.66 758.53 758.41 758.28 758.16 758.03

105'CE' 760.51 760.41 760.29 760.16 760.03 759.92 759.79 759.66 759.54 759.41 759.28 759.16 759.03 758.91 758.78 758.66 758.53 758.41 758.28 758.16 758.03

106'CE' 760.39 760.29 760.16 760.03 759.92 759.79 759.66 759.54 759.41 759.28 759.16 759.03 758.91 758.78 758.66 758.53 758.41 758.28 758.16 758.03

MATCH LINE STA. 107+00'CE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_92

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021302-PGCE.DWG
LAYOUT NAME - 022209 pg
PLOT DATE : 1/22/2020 7:44 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 107+00'CE'

MATCH LINE STA. 113+00'CE'

N

CTH TS

107'CW' 758.51 758.17 758.04 757.91 757.78 757.65 757.52 757.39 757.26 757.13 757.00 756.87 756.74 756.61 756.48 756.35 756.22 756.09 755.96 755.83 755.71 755.63 755.60 755.60 755.94

'CE' 758.38 758.25 758.12 757.99 757.86 757.73 757.60 757.47 757.34 757.21 757.08 756.95 756.82 756.69 756.56 756.43 756.30 756.17 756.05 755.97 755.94

108'CE' 758.25 758.12 758.00 757.88 757.75 757.62 757.50 757.38 757.25 757.12 757.00 756.88 756.75 756.62 756.50 756.38 756.25 756.12 756.02 755.95 755.91 755.94 756.01

108'CW' 757.91 757.78 757.66 757.54 757.41 757.29 757.16 757.04 756.91 756.78 756.66 756.54 756.41 756.28 756.16 756.04 755.91 755.78 755.68 755.61 755.57 755.60 755.67

109'CW' 757.47

109'CE' 757.38

110'CW'

110'CE'

111'CW'

111'CE'

112'CW'

112'CE'

113

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021302-PGCE.DWG
LAYOUT NAME - 022210 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_93

2

N

MATCH LINE STA. 113+00'CE'

755.65 755.73 755.85 755.97 756.08 756.20 756.31 756.41 756.48 756.52 756.52 756.49 756.44 756.36 756.28 756.21 756.14 756.08 756.05 756.06 756.10 756.17

755.99 113'CW' 756.07 756.19 756.31 756.42 114'CW' 756.54 756.65 756.75 756.82 115'CW' 756.86 756.86 756.83 756.77 116'CW' 756.70 756.62 756.55 756.48 117'CW' 756.42 756.39 756.40 756.44 756.51 118

CE'

756.09 756.18 756.26 756.35 756.43 756.51 756.58 115'CE' 756.63 756.66

755.75 755.84 755.92 756.01 756.09 756.17 756.24 756.29 756.32

CTH TS

115'CE' 115'CE' 116'CE' 117'CE' 118

756.66 756.65 756.62 756.57 756.50 756.41 756.33 756.27 756.23 756.23 756.26 756.32 756.42

756.32 756.31 756.28 756.23 756.16 756.07 755.99 755.93 755.89 755.89 755.92 755.98 756.08

STA BACK = 115+27.92

STA AHEAD = 114+85.49

MATCH LINE STA. 118+00'CE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_94

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021302-PGCE.DWG
LAYOUT NAME - 022211 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

MATCH LINE STA. 118+00'CE'

756.17 756.28 756.41 756.53 756.65 756.78 756.90 756.98 756.99

CW' 756.51 756.62 756.75 756.87 756.99 757.12 757.24 757.32 757.33

119'CW'

120'CW'

121'CW'

122'CW'

123'CW'

123'CE'

122'CE'

121'CE'

120'CE'

124'CW'

124'CE'

CTH TS

'CE' 119'CE'

756.42 756.55 756.71 756.89 757.06 757.24 757.37 757.46 757.46

756.08 756.21 756.37 756.55 756.72 756.90 757.03 757.12 757.12

CONSTRUCTION LIMITS
STA. 119+76.20'CE'

N. OVERLAND RD.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

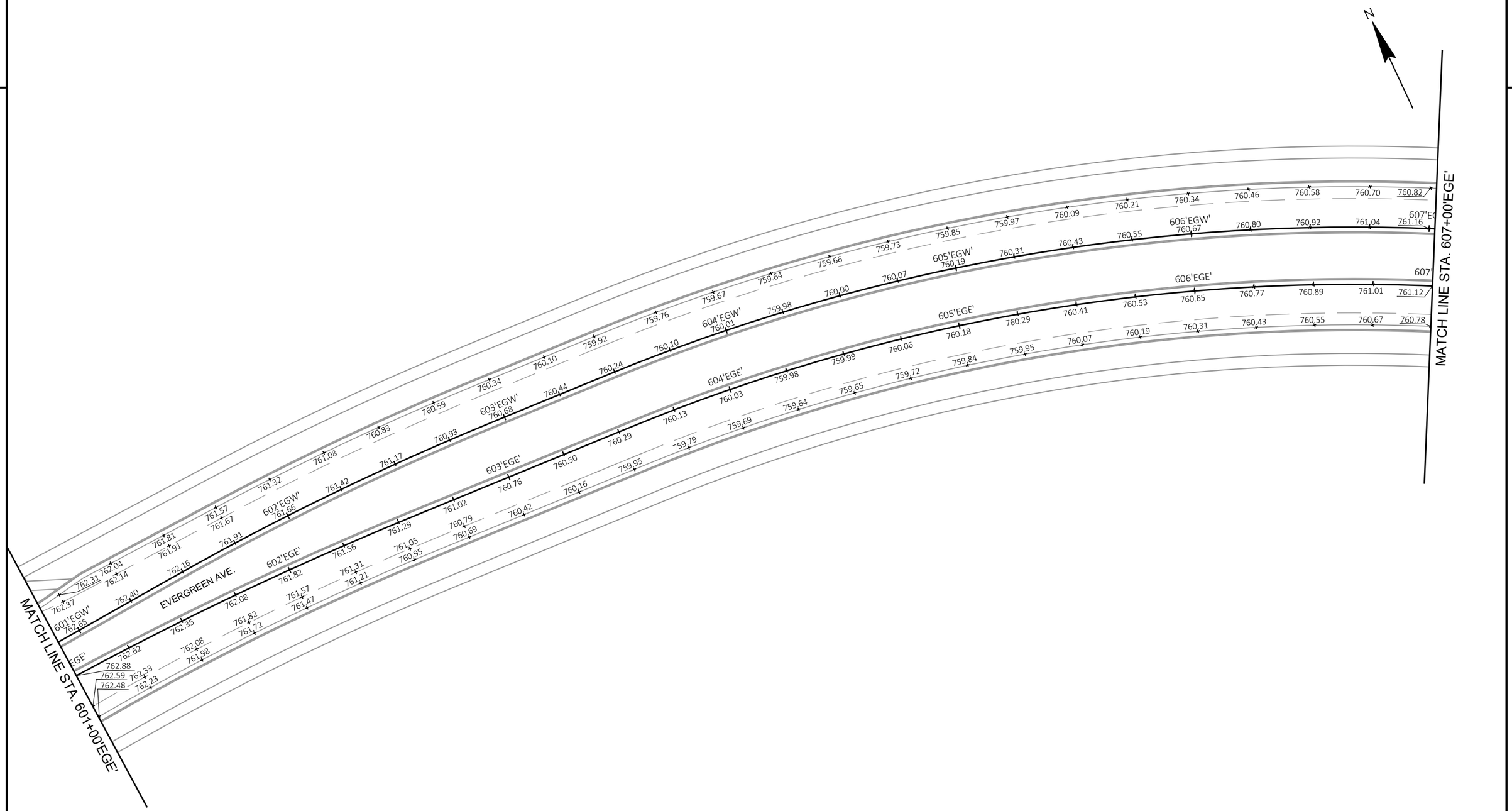
PRE_95

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021302-PGCE.DWG
LAYOUT NAME - 022212 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



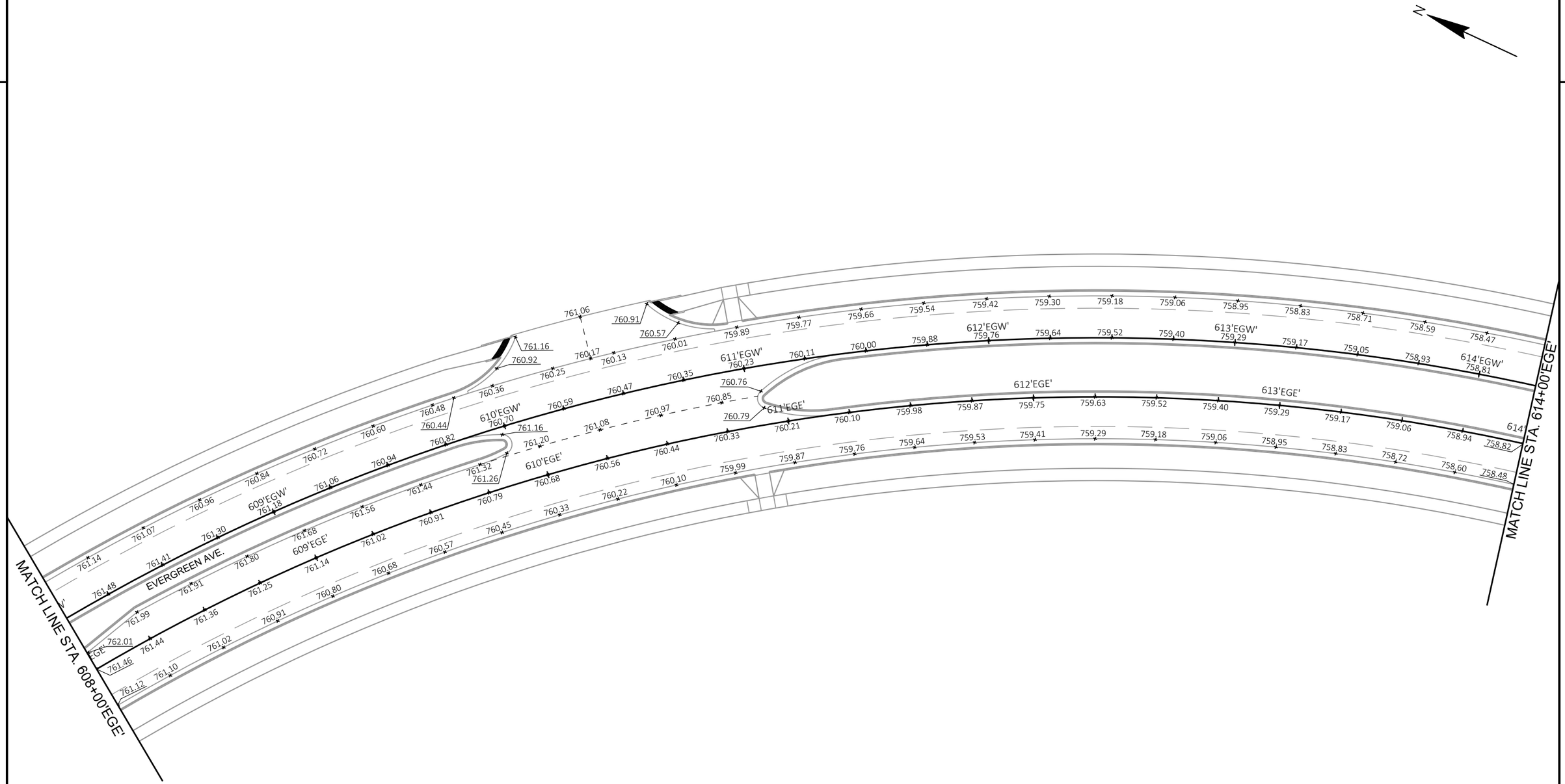
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_96

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022213 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PLAN GRADES	SHEET PRE_97 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022214 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

MATCH LINE STA. 614+00'EGE'

758.36 758.24 758.12 758.00 757.88 757.76 757.65 757.58 757.56 757.59 757.68 757.81 757.94 758.07 758.20 758.34 758.47 758.60 758.73 758.87 759.00 759.13 759.26 759.38

620'EGW'

759.72

758.70 758.58 758.46 615'EGW' 758.34 758.22 758.10 757.99 616'EGW' 757.92 757.90 757.93 758.02 617'EGW' 758.15 758.28 758.41 758.54 618'EGW' 758.68 758.81 758.94 759.07 619'EGW' 759.21 759.34 759.47 759.60

620'

759.81

EVERGREEN AVE

EGE' 615'EGE' 616'EGE' 617'EGE' 618'EGE' 619'EGE'

758.82 758.71 758.59 758.48 758.36 758.25 758.14 758.06 758.04 758.07 758.15 758.27 758.39 758.51 758.63 758.75 758.88 759.00 759.12 759.24 759.37 759.49 759.61 759.73

759.47

758.48 758.37 758.25 758.14 758.02 757.91 757.80 757.72 757.70 757.73 757.81 757.93 758.05 758.17 758.29 758.41 758.54 758.64 758.78 758.90 759.03 759.15 759.27 759.39

MATCH LINE STA. 620+00'EGE'

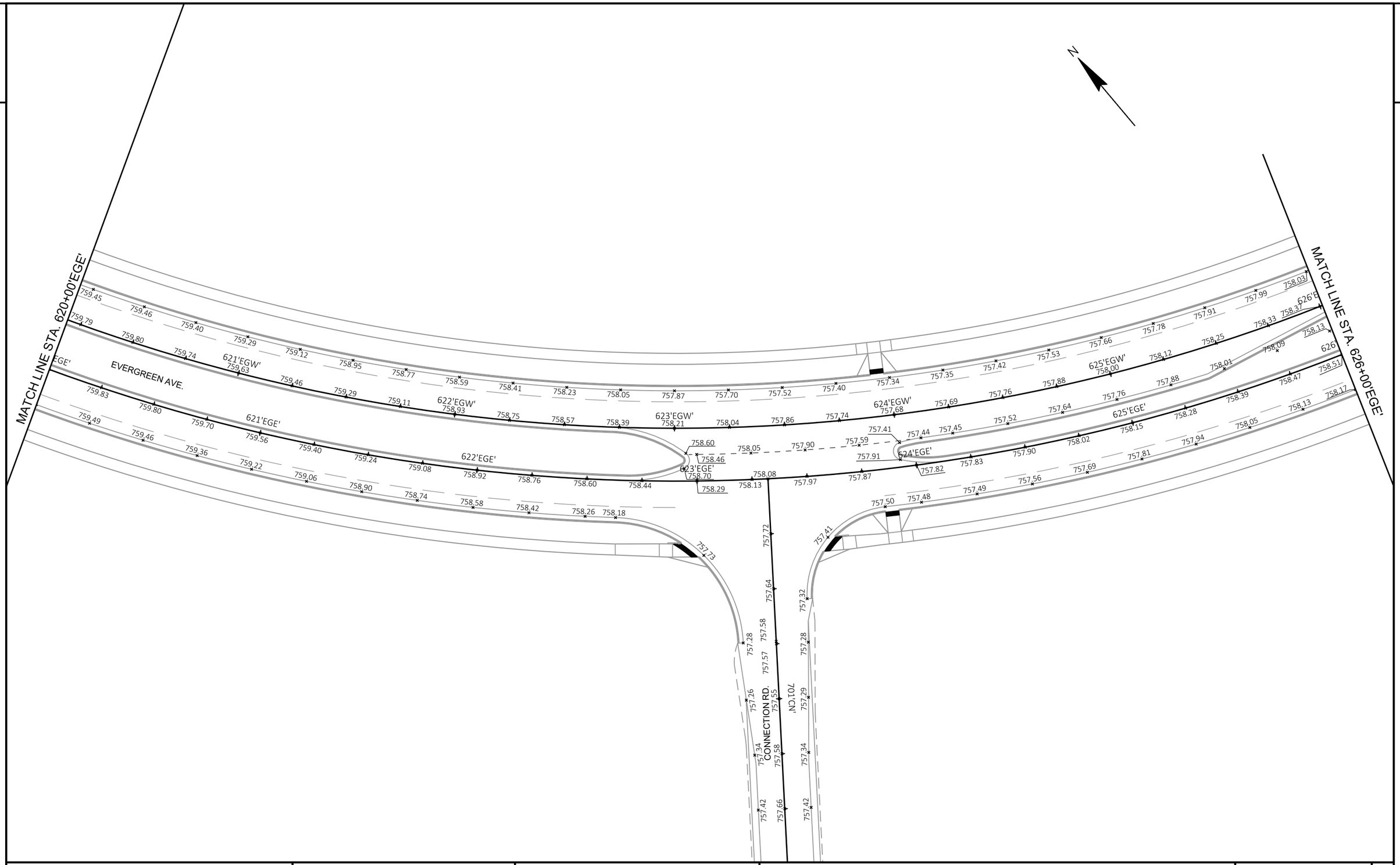
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_98

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022215 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



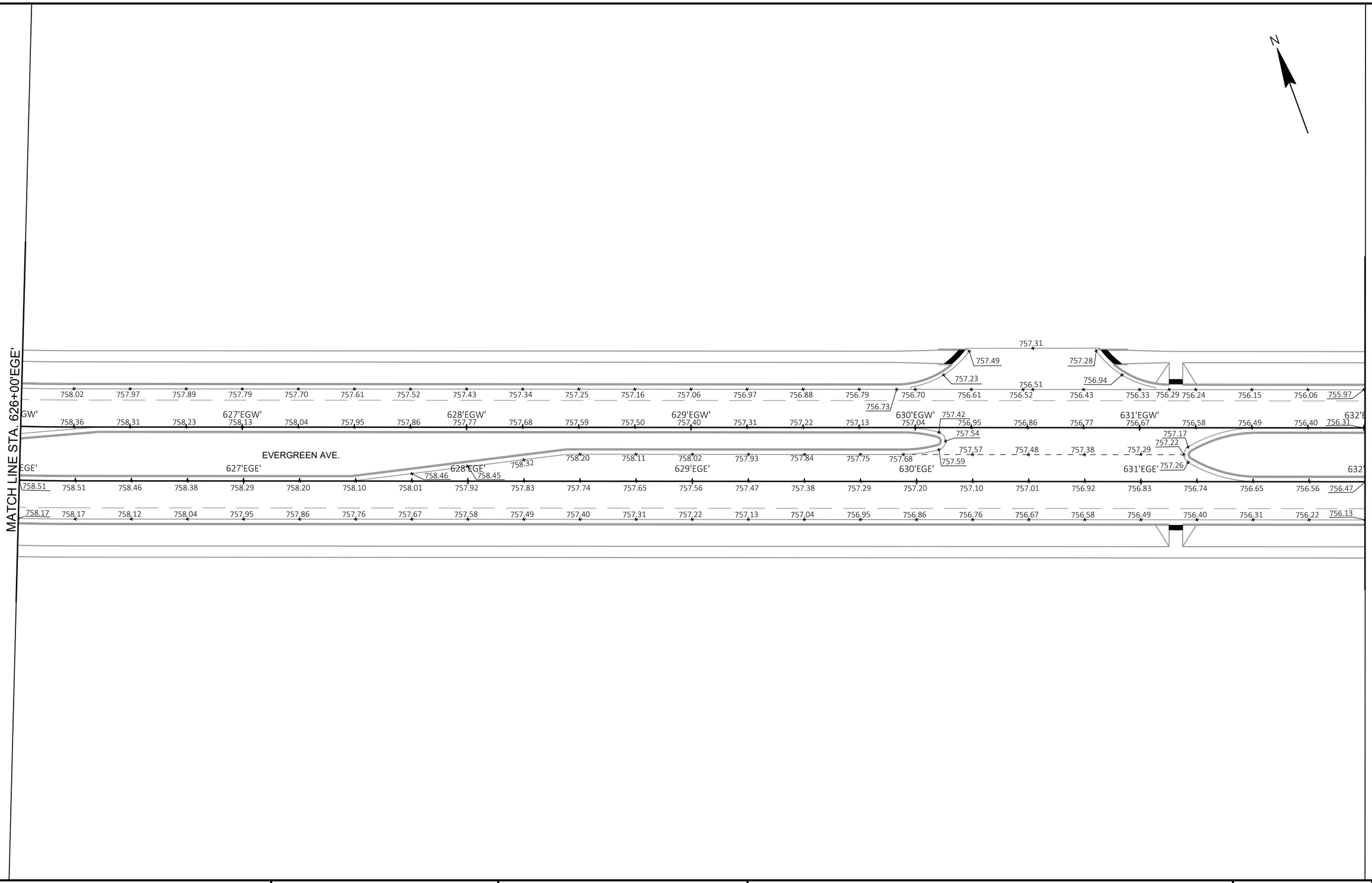
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022216 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_99

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET E

PRE_100

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022217 pg

PLOT DATE : 1/22/2020 7:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA. 632+00'EGE'

MATCH LINE STA. 638+00'EGE'

EVERGREEN AVE.

633'EGW' 634'EGW' 635'EGW' 636'EGW' 637'EGW'

633'EGE' 634'EGE' 635'EGE' 636'EGE' 637'EGE'

| | | |

2

2

N

MATCH LINE STA. 638+00'EGE'

EVERGREEN AVE.

639'EGW'

639'EGE'

640'EGE'

641'EGE'

642'EGE'

643'EGE'

644'EGE'

EVERGREEN AVE.

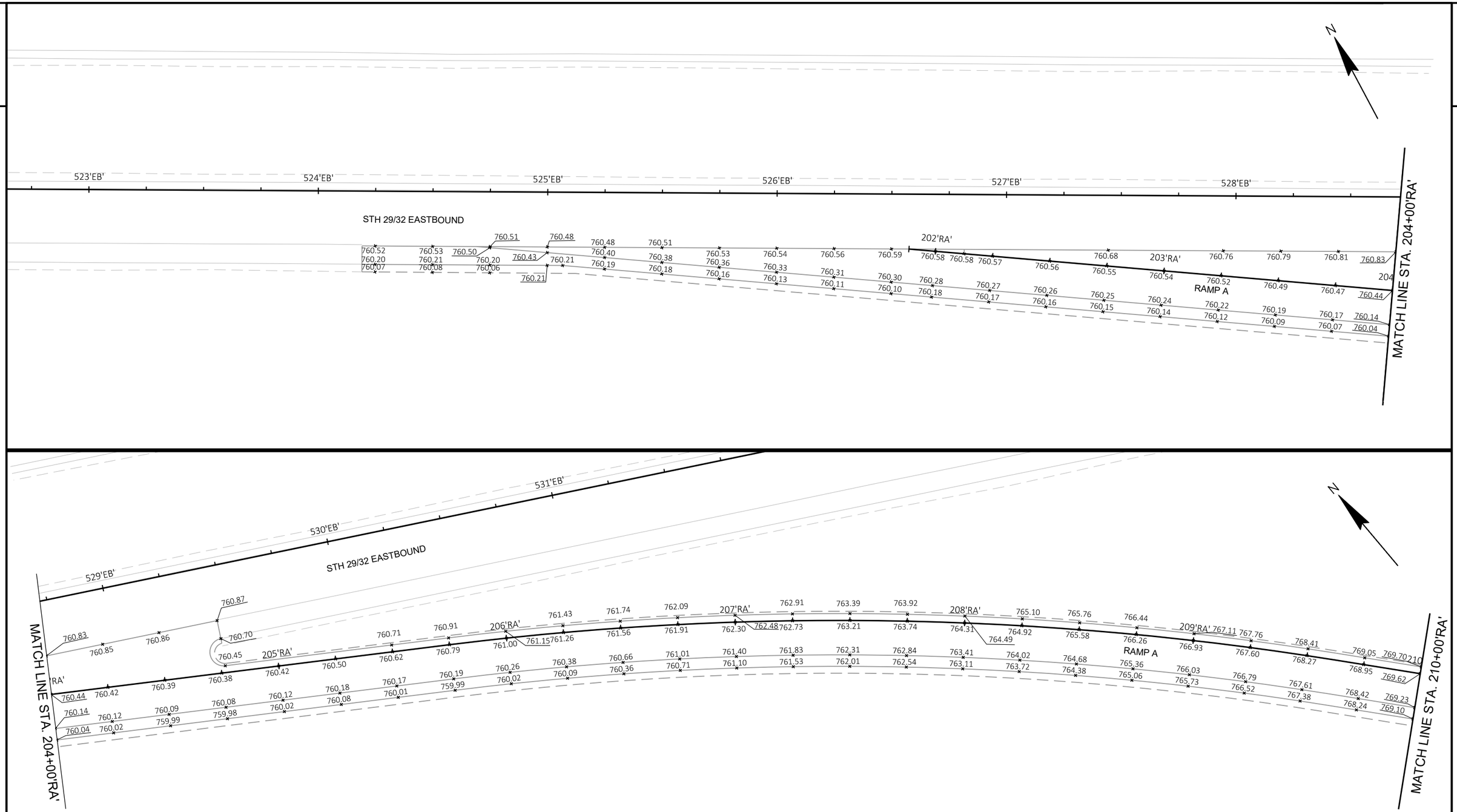
CONSTRUCTION LIMITS
STA. 642+50'EGE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN GRADES-PAVEMENT GRADES	SHEET PRE_102 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021303-PGEG.DWG
LAYOUT NAME - 022219 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP A	SHEET E

PRE_103

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021305-PGRA.DWG
LAYOUT NAME - 022220 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

MATCH LINE STA. 210+00'RA'

MATCH LINE STA. 216+00'RA'

RAMP A

211'RA'

212'RA'

213'RA'

214'RA'

215'RA'

769.70 770.34 770.99 771.63 772.27 772.93 773.60 774.27 774.91 775.53 776.13 776.70 777.24 777.76 778.26 778.73 779.17 779.59 779.98 780.35 780.70 781.00 781.37 781.64 781.89

769.62 770.29 770.97 771.64 772.31 772.99 773.66 774.33 774.97 775.59 776.19 776.76 777.30 777.82 778.32 778.79 779.23 779.65 780.04 780.41 780.76 781.08

769.23 769.99 770.67 771.34 772.01 772.69 773.45 774.28 775.10 775.89 776.49 777.06 777.60 778.12 778.62 779.09 779.53 779.96 780.34 780.71 781.06 781.10 781.14 781.28 781.44 781.64

769.10 769.89 770.57 771.24 771.91 772.59 773.38 774.27 775.14 775.99 776.59 777.16 777.70 778.22 778.72 779.19 779.63 780.06 780.44 780.81 780.98 781.13 781.16 781.27

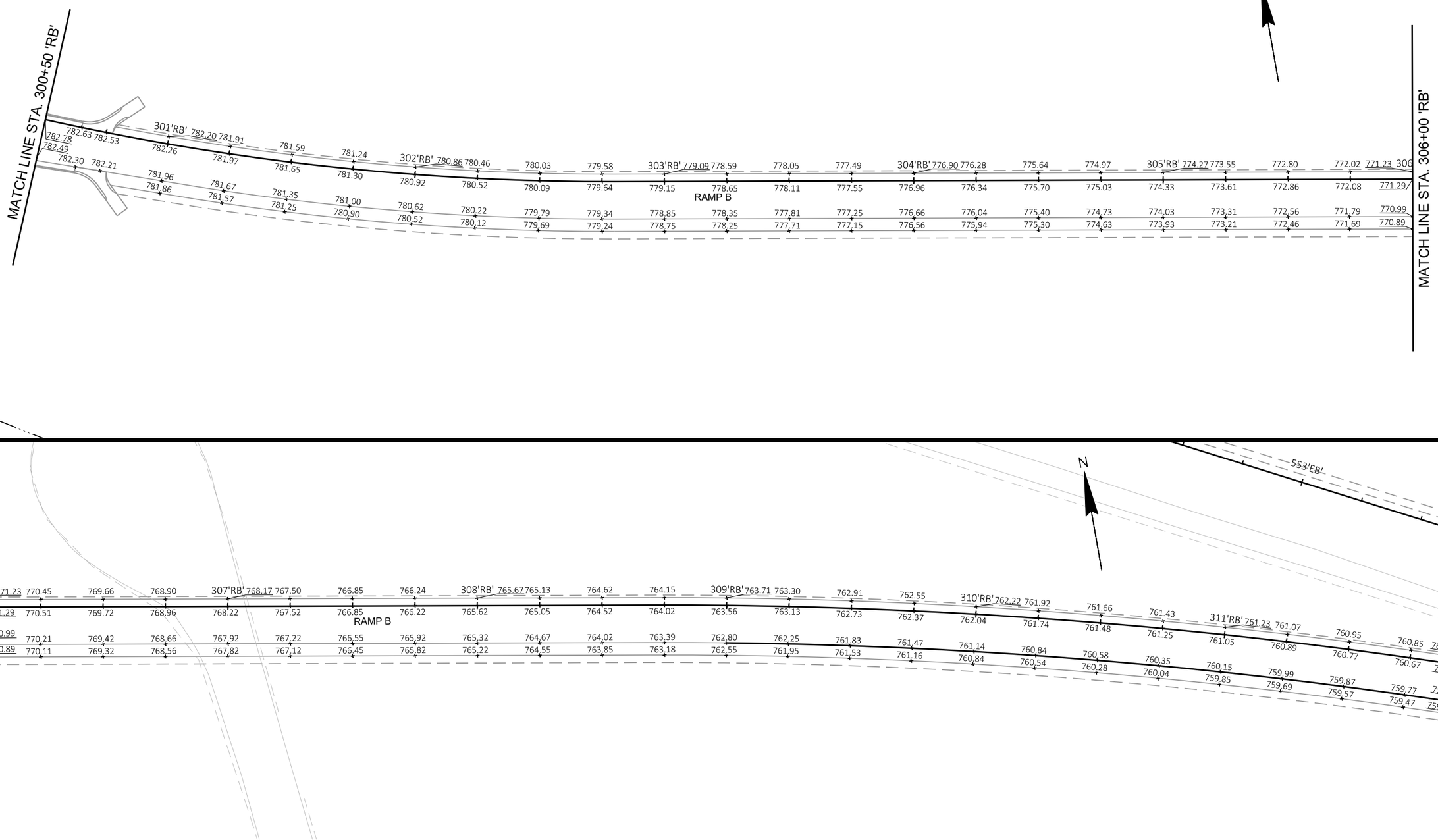
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP A	SHEET E

PRE_104

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021305-PGRA.DWG
LAYOUT NAME - 022221 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



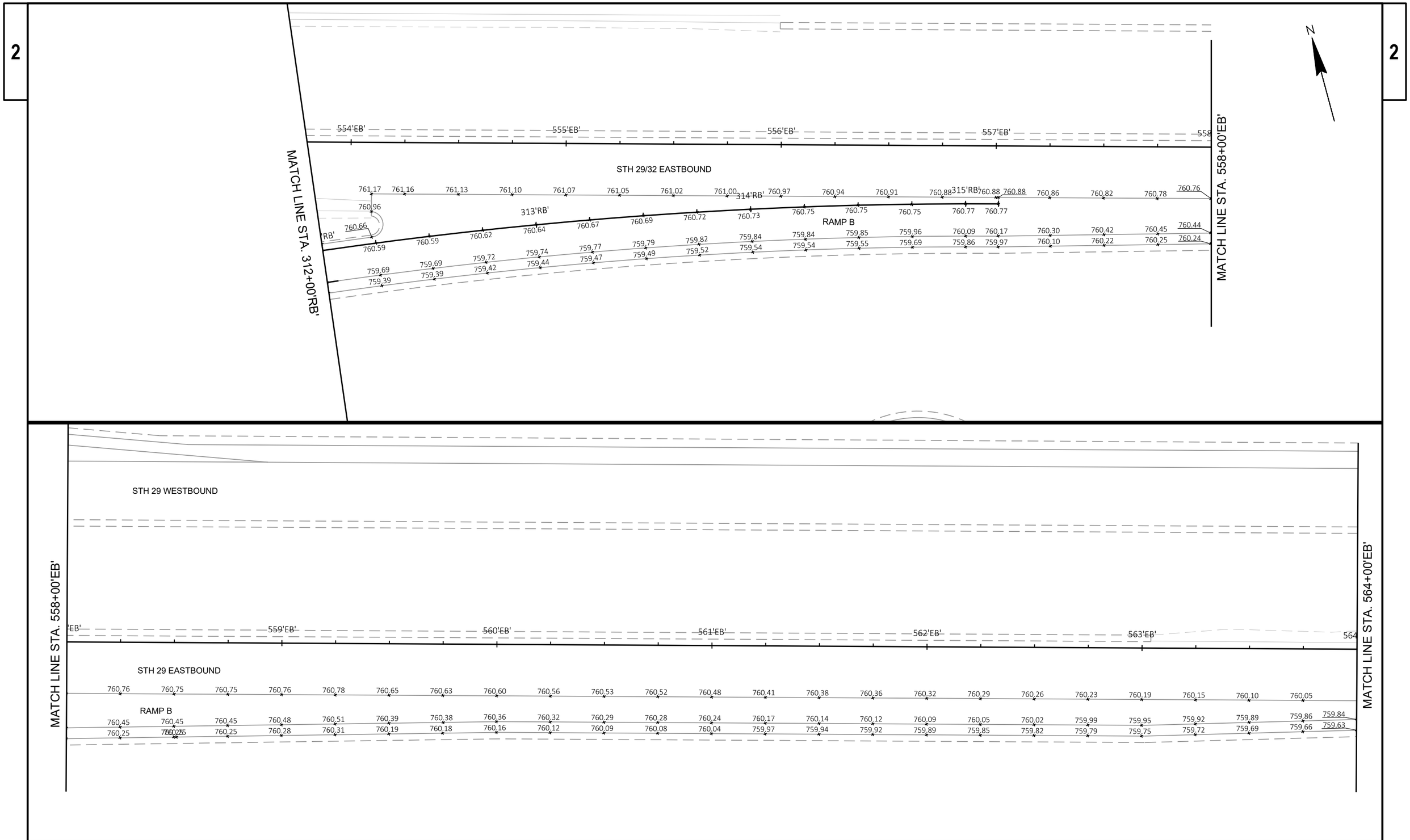
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP B	SHEET E

PRE_105

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021305-PGRB.DWG
LAYOUT NAME - 022222 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



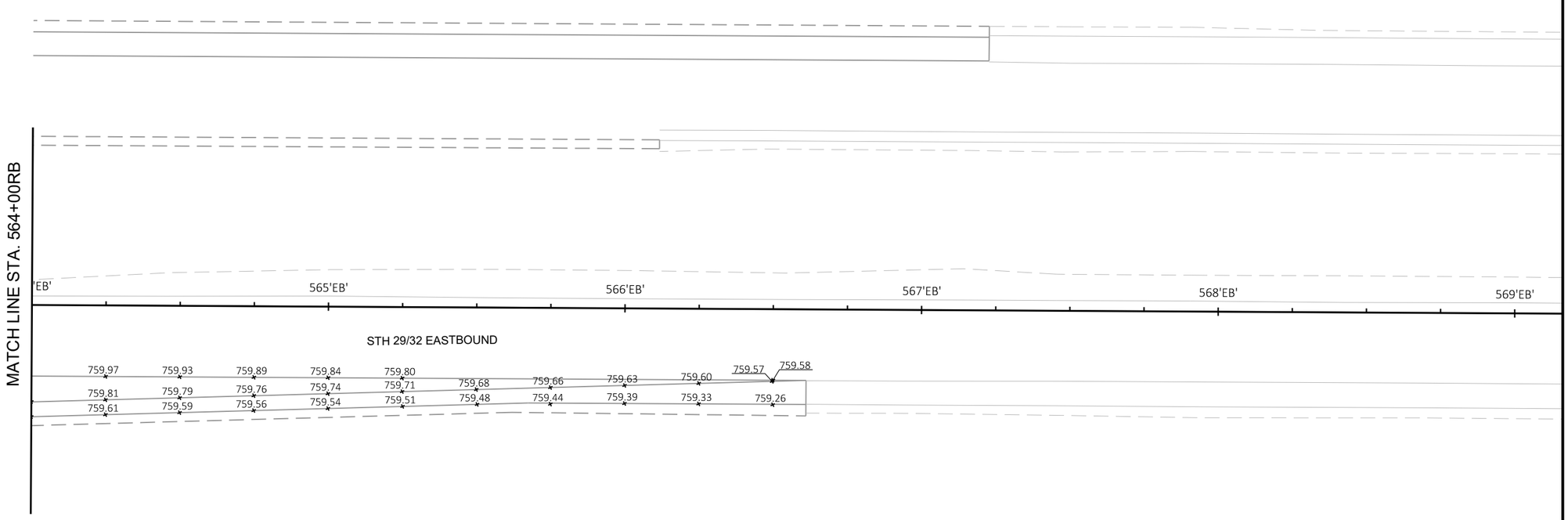
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP B	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021305-PGRB.DWG
LAYOUT NAME - 022223 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_106

2



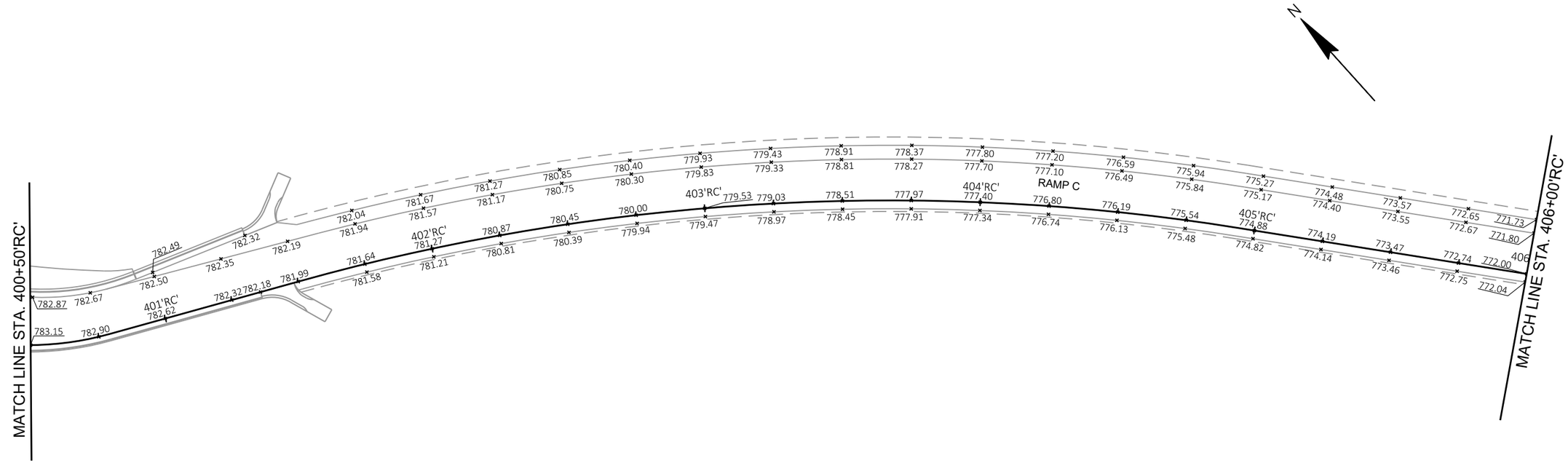
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	SE RAMP-PAVEMENT GRADES	SHEET E

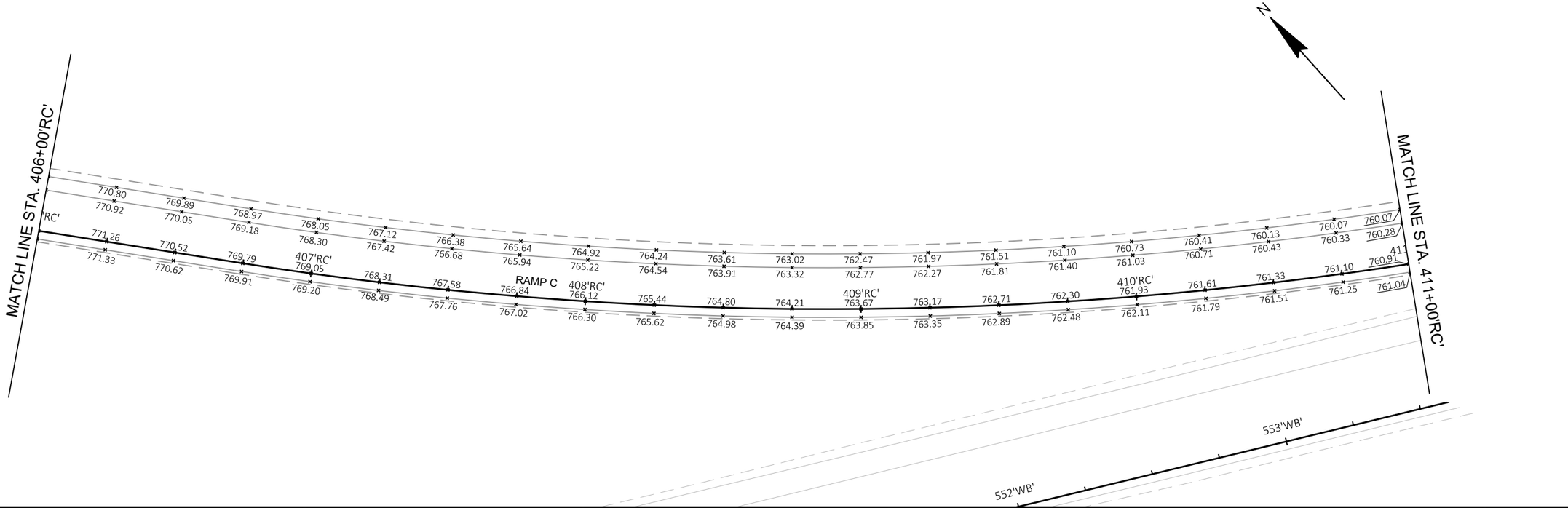
PRE_107

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021305-PGRB.DWG
LAYOUT NAME - 022224 pg

PLOT DATE : 1/22/2020 7:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP C	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021306-PGRC.DWG
LAYOUT NAME - 022225 pg

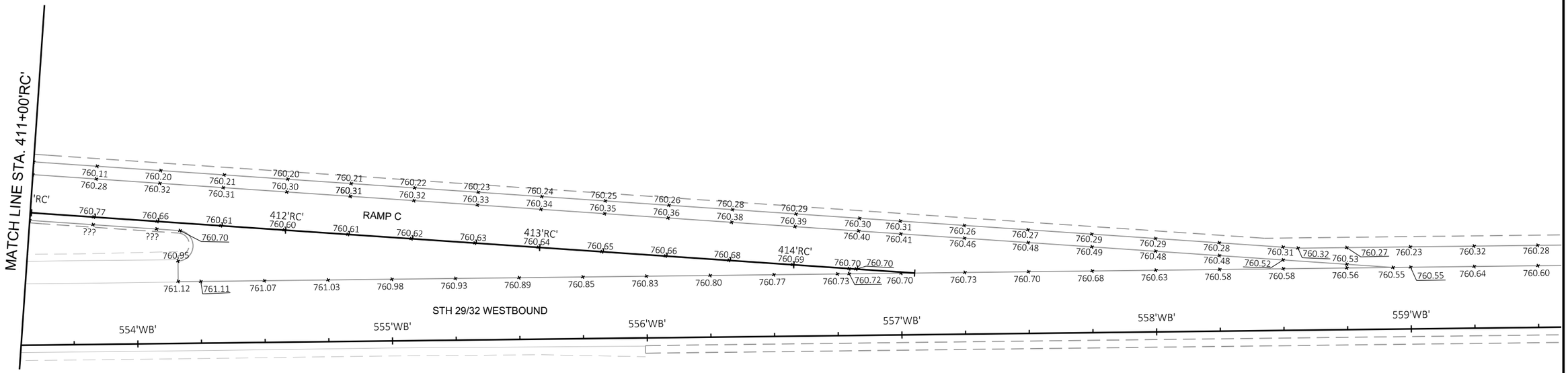
PLOT DATE : 1/22/2020 7:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_108

WISDOT/CADDS SHEET 42

2

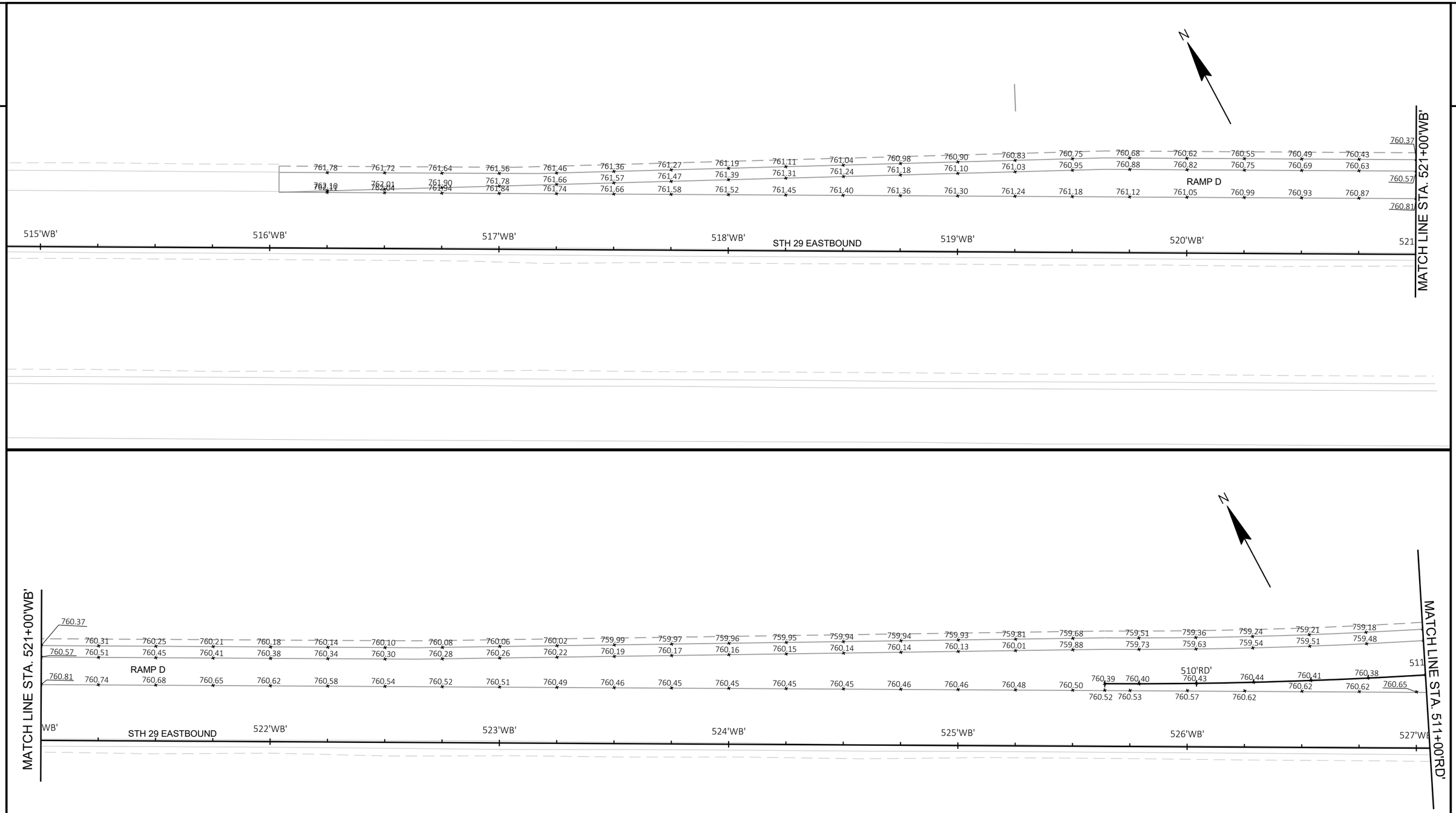
N



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP C	SHEET PRE_109 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021306-PGRC.DWG
LAYOUT NAME - 022226 pg

PLOT DATE : 1/22/2020 7:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

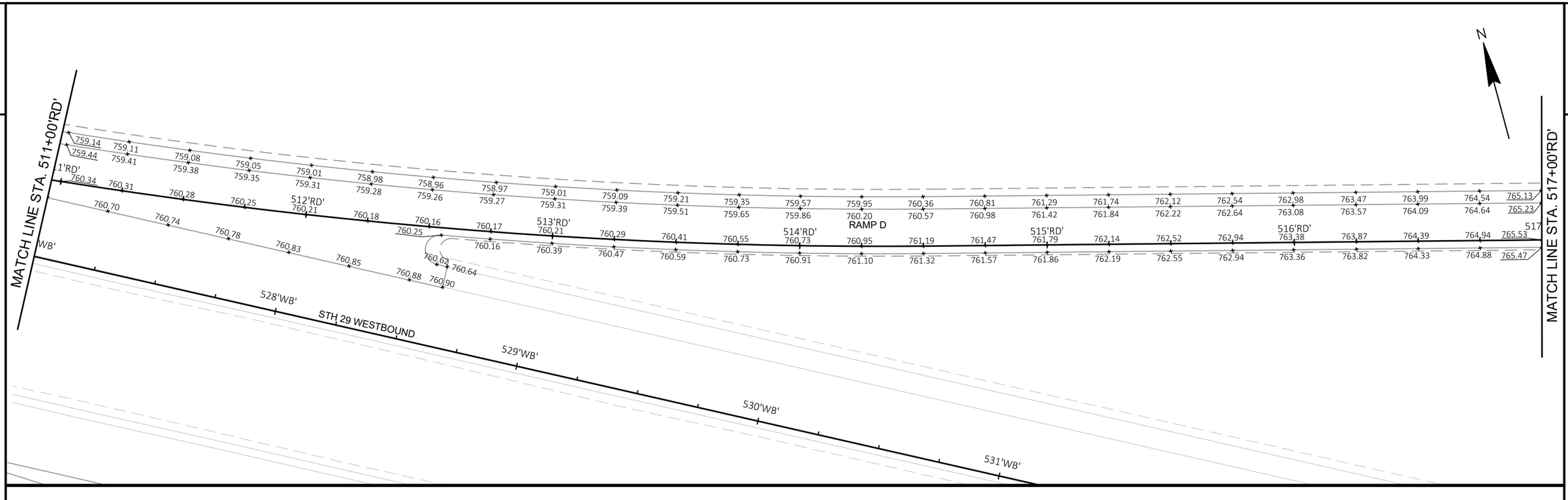


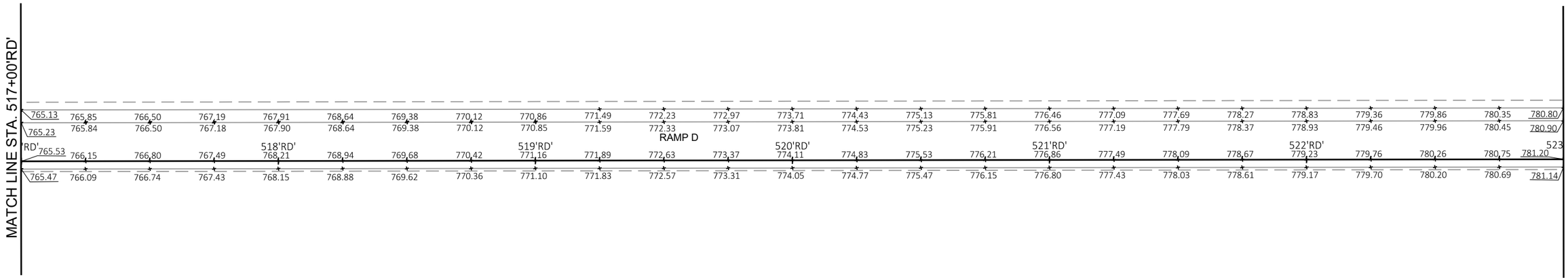
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP D	SHEET E

PRE_110

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021307-PGRD.DWG
LAYOUT NAME - 022227 pg

PLOT DATE : 1/22/2020 7:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT





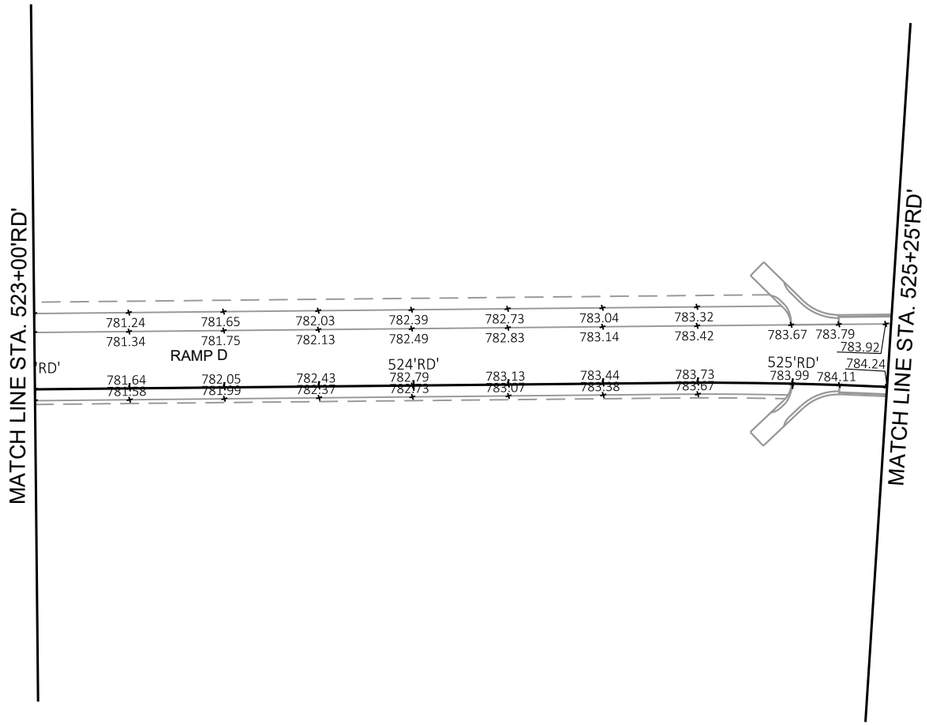
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP D	SHEET E

PRE_111

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021307-PGRD.DWG
LAYOUT NAME - 022228 pg

PLOT DATE : 1/22/2020 7:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT GRADES-RAMP D	SHEET E

PRE_112

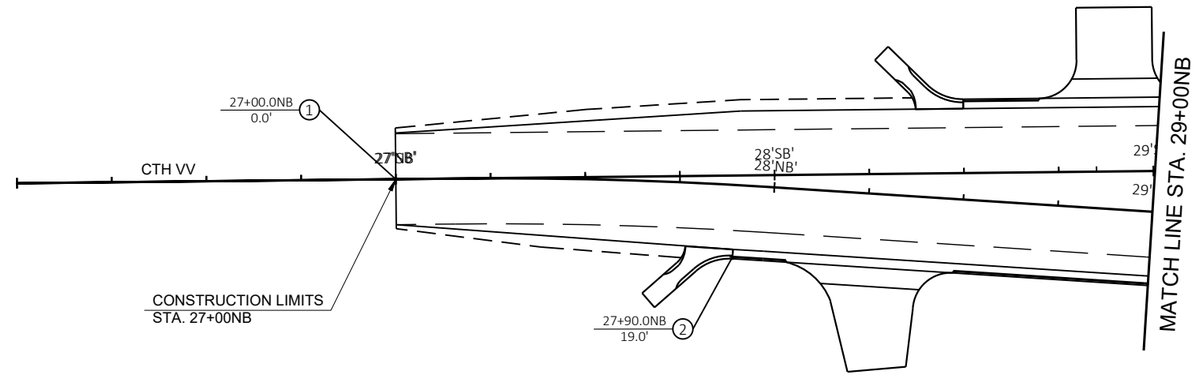
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021307-PGRD.DWG
LAYOUT NAME - 022229 pg

PLOT DATE : 1/22/2020 7:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
1	589128.11	57311.72
2	589107.59	57400.61



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021401-SOVV.DWG
LAYOUT NAME - 021401 so

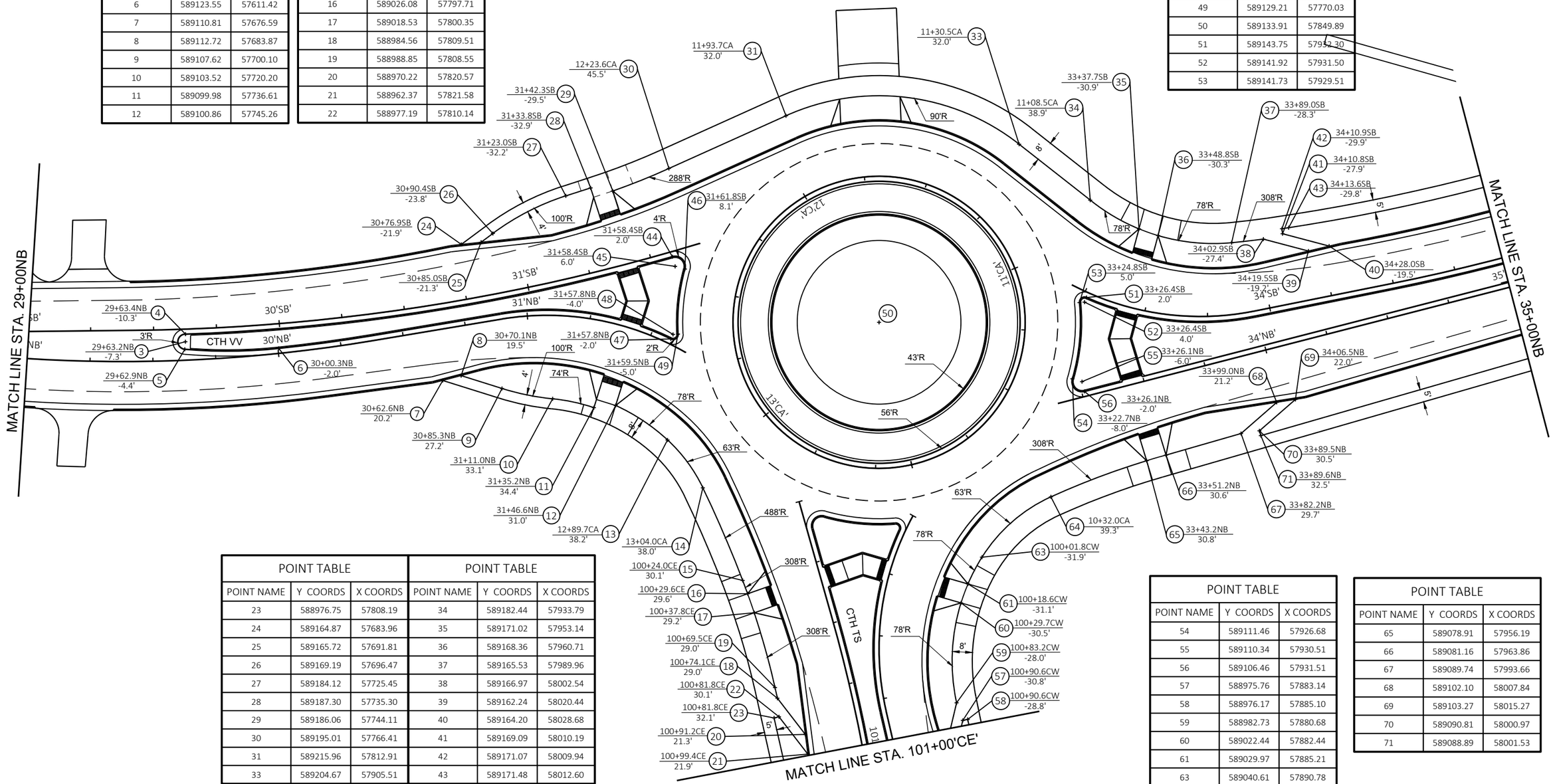
PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
3	589126.18	57574.35
4	589129.18	57574.37
5	589123.19	57574.10
6	589123.55	57611.42
7	589110.81	57676.59
8	589112.72	57683.87
9	589107.62	57700.10
10	589103.52	57720.20
11	589099.98	57736.61
12	589100.86	57745.26

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
13	589087.18	57765.84
14	589068.15	57779.89
15	589031.37	57795.72
16	589026.08	57797.71
17	589018.53	57800.35
18	588984.56	57809.51
19	588988.85	57808.55
20	588970.22	57820.57
21	588962.37	57821.58
22	588977.19	57810.14

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
44	589159.96	57767.77
45	589156.12	57768.88
46	589155.06	57772.74
47	589127.30	57767.15
48	589129.10	57768.03
49	589129.21	57770.03
50	589133.91	57849.89
51	589143.75	57952.30
52	589141.92	57931.50
53	589141.73	57929.51



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
23	588976.75	57808.19
24	589164.87	57683.96
25	589165.72	57691.81
26	589169.19	57696.47
27	589184.12	57725.45
28	589187.30	57735.30
29	589186.06	57744.11
30	589195.01	57766.41
31	589215.96	57812.91
33	589204.67	57905.51

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
34	589182.44	57933.79
35	589171.02	57953.14
36	589168.36	57960.71
37	589165.53	57989.96
38	589166.97	58002.54
39	589162.24	58020.44
40	589164.20	58028.68
41	589169.09	58010.19
42	589171.07	58009.94
43	589171.48	58012.60

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
54	589111.46	57926.68
55	589110.34	57930.51
56	589106.46	57931.51
57	588975.76	57883.14
58	588976.17	57885.10
59	588982.73	57880.68
60	589022.44	57882.44
61	589029.97	57885.21
63	589040.61	57890.78
64	589064.57	57918.13

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
65	589078.91	57956.19
66	589081.16	57963.86
67	589089.74	57993.66
68	589102.10	58007.84
69	589103.27	58015.27
70	589090.81	58000.97
71	589088.89	58001.53

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-CTH VV	SHEET E

PRE_114

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021401-SOVV.DWG
LAYOUT NAME - 021402 so

PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
79	589478.55	58578.10
80	589485.38	58581.46
81	589488.62	58594.17
82	589487.53	58595.85
83	589495.31	58597.31
84	589519.23	58621.08
85	589523.22	58628.05
86	589522.63	58581.94
87	589512.47	58595.15
88	589556.73	58621.10

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
89	589558.54	58620.24
90	589560.17	58621.40
91	589671.02	58733.33
92	589673.29	58736.62
93	589671.92	58740.38
94	589653.56	58767.05
95	589700.27	58781.69
96	589779.51	58812.70
97	589780.64	58810.61
98	589475.07	58575.86

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
99	589513.00	58538.20
100	589517.10	58540.24
101	589532.77	58541.18
102	589533.71	58539.41
103	589522.11	58532.79
104	589524.02	58544.66
105	589539.25	58545.57
106	589547.08	58560.01
107	589546.15	58561.79
108	589538.72	58575.96

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
109	589568.53	58557.61
110	589576.08	58560.25
111	589577.54	58595.90
112	589576.08	58599.62
113	589578.43	58602.86
114	589691.23	58713.18
115	589694.67	58713.46
116	589692.87	58714.32
117	589616.68	58571.52
118	589666.43	58565.74

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
119	589640.14	58582.21
120	589640.04	58581.22
122	589677.43	58560.20
123	589691.39	58589.20
124	589684.70	58593.59
125	589672.86	58599.32
126	589673.69	58601.13
127	589672.52	58602.75
128	589700.81	58618.16
129	589713.81	58649.93

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
130	589720.91	58685.54
131	589750.50	58732.62
132	589754.04	58735.35
133	589761.61	58750.26
134	589764.51	58743.17
135	589763.31	58744.76
136	589767.66	58753.33
137	589783.46	58783.17
138	589802.39	58771.22
139	589801.44	58772.98

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
140	589790.61	58769.88
141	589809.46	58766.51
142	589671.27	58573.11
143	589678.23	58569.14
146	589530.74	58671.40
147	589659.61	58564.23
148	589522.07	58725.14
149	589526.40	58726.69
150	589519.07	58718.85
151	589519.29	58732.64

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
152	589523.63	58734.25
153	589548.16	58734.81
154	589544.83	58742.11
155	589555.78	58717.52
156	589559.38	58719.26
157	589562.53	58716.79
158	589594.27	58751.90
159	589604.10	58754.92
164	589581.69	58671.09
165	589591.66	58670.27

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
166	589584.08	58665.42
167	589612.23	58628.18
168	589617.22	58625.33
169	589618.97	58634.15
170	589625.55	58667.51
392	589779.66	58790.22
393	589780.08	58821.10
395	589642.90	58580.14
396	591291.33	59302.71
397	591533.21	59303.11

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
398	589773.98	58800.78
399	589772.55	58803.42
400	589789.14	58772.61

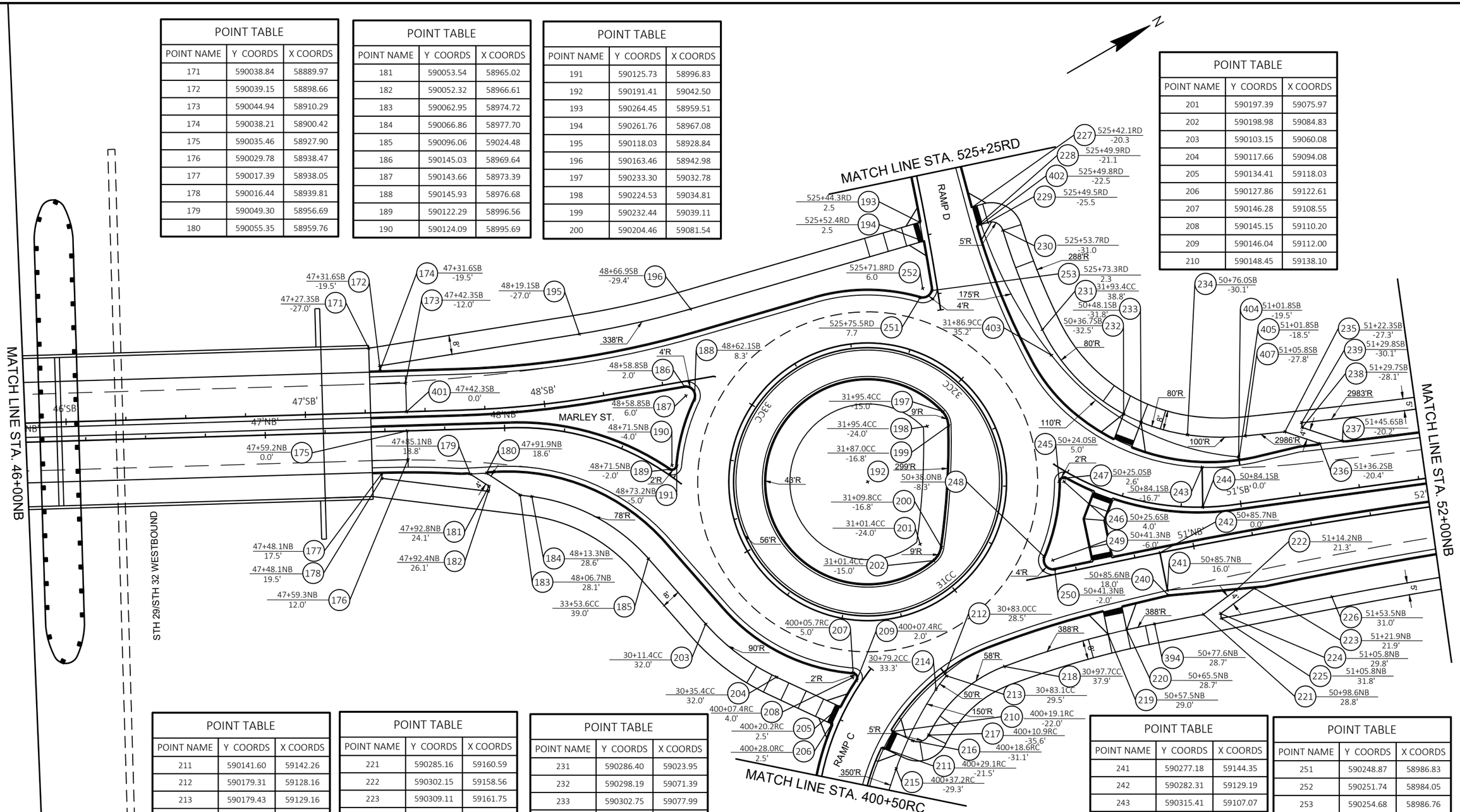
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021401-SOVV.DWG
LAYOUT NAME - 021403 so

PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_115

WISDOT/CADDS SHEET 42



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
171	590038.84	58889.97
172	590039.15	58898.66
173	590044.94	58910.29
174	590038.21	58900.42
175	590035.46	58927.90
176	590029.78	58938.47
177	590017.39	58938.05
178	590016.44	58939.81
179	590049.30	58956.69
180	590055.35	58959.76

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
181	590053.54	58965.02
182	590052.32	58966.61
183	590062.95	58974.72
184	590066.86	58977.70
185	590096.06	59024.48
186	590145.03	58969.64
187	590143.66	58973.39
188	590145.93	58976.68
189	590122.29	58996.56
190	590124.09	58995.69

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
191	590125.73	58996.83
192	590191.41	59042.50
193	590264.45	58959.51
194	590261.76	58967.08
195	590118.03	58928.84
196	590163.46	58942.98
197	590233.30	59032.78
198	590224.53	59034.81
199	590232.44	59039.11
200	590204.46	59081.54

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
201	590197.39	59075.97
202	590198.98	59084.83
203	590103.15	59060.08
204	590117.66	59094.08
205	590134.41	59118.03
206	590127.86	59122.61
207	590146.28	59108.55
208	590145.15	59110.20
209	590146.04	59112.00
210	590148.45	59138.10

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
211	590141.60	59142.26
212	590179.31	59128.16
213	590179.43	59129.16
214	590172.84	59131.84
215	590141.80	59152.27
216	590153.68	59145.57
217	590160.56	59146.86
218	590202.27	59137.83
219	590246.54	59147.82
220	590254.21	59150.12

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
221	590285.16	59160.59
222	590302.15	59158.56
223	590309.11	59161.75
224	590291.55	59163.85
225	590290.90	59165.75
226	590335.28	59181.04
227	590286.72	58964.97
228	590284.82	58972.74
229	590289.15	58973.80
230	590292.83	58979.76

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
231	590286.40	59023.95
232	590298.19	59071.39
233	590302.75	59077.99
234	590316.90	59092.29
235	590352.76	59111.53
236	590363.00	59123.13
237	590371.66	59126.89
238	590359.92	59113.59
239	590360.72	59111.76
240	590276.47	59146.22

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
241	590277.18	59144.35
242	590282.31	59129.19
243	590315.41	59107.07
244	590307.36	59121.65
245	590260.72	59082.45
246	590262.46	59083.45
247	590263.34	59082.24
248	590239.64	59106.33
249	590242.05	59109.52
250	590240.80	59113.31

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
251	590248.87	58986.83
252	590251.74	58984.05
253	590254.68	58986.76
394	590265.53	59153.83
402	590286.18	58973.07
403	590284.34	59035.05
404	590330.80	59110.96
405	590330.43	59111.89
407	590337.62	59104.79

POINT TABLE			POINT TABLE			POINT TABLE		
POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS
254	591009.22	59323.45	264	591121.07	59427.38	274	591110.26	59320.81
255	591013.48	59323.44	265	591122.21	59435.30	275	591030.54	59270.52
256	591020.83	59322.57	266	591134.71	59453.65	276	591034.83	59270.15
257	591030.50	59331.57	267	591125.01	59467.05	277	591050.41	59261.46
258	591030.49	59333.57	268	591133.67	59482.02	278	591050.29	59259.46
259	591037.82	59330.61	269	591122.55	59474.38	279	591042.60	59270.40
260	591075.90	59340.32	270	591124.54	59474.23	280	591057.57	59262.05
261	591082.72	59344.55	271	591133.52	59489.75	281	591064.43	59261.65
262	591094.75	59354.88	272	591109.07	59322.42	282	591089.42	59259.38
263	591108.59	59377.58	273	591112.24	59321.05	283	591097.35	59258.32

POINT TABLE			POINT TABLE			POINT TABLE		
POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS
284	591135.48	59250.85	294	591198.66	59251.16	304	591244.41	59199.59
285	591168.84	59229.87	295	591198.84	59249.17	305	591195.84	59192.66
286	591174.23	59222.52	296	591223.49	59257.47	306	591195.47	59172.86
287	591182.85	59226.66	297	591225.08	59253.80	307	591242.48	59171.92
288	591186.80	59219.68	298	591228.51	59254.47	308	591249.24	59228.07
289	591116.05	59289.46	299	591219.80	59182.37	309	591250.50	59235.97
290	591120.01	59295.22	300	591216.80	59182.43	310	591261.82	59234.33
291	591116.43	59293.44	301	591222.79	59182.11	311	591264.13	59249.53
292	591191.64	59330.85	302	591214.41	59194.29	312	591267.48	59266.69
293	591197.19	59248.04	303	591226.47	59201.17	313	591298.69	59307.53

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
314	591306.08	59311.28
315	591346.15	59318.20
316	591350.23	59310.29
318	591335.74	59317.94
320	591362.30	59324.22
321	591369.67	59322.70
322	591358.92	59318.69
323	591359.17	59317.01
324	591383.23	59318.26
325	591360.95	59317.28

POINT TABLE			POINT TABLE		
POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS
326	591486.21	59311.52	336	591150.33	59406.49
327	591271.59	59333.64	337	591154.31	59406.10
328	591273.59	59333.71	338	591154.41	59402.60
329	591274.63	59332.00	339	591185.77	59410.64
330	591264.60	59363.67	340	591185.63	59412.63
331	591268.25	59365.31	341	591187.29	59413.74
332	591268.58	59369.30	342	591199.06	59485.16
333	591341.73	59363.12	343	591206.83	59445.98
334	591388.08	59353.54	344	591210.72	59438.97
335	591424.01	59346.16	345	591221.20	59425.63

POINT TABLE			POINT TABLE	
POINT NAME	Y COORDS	X COORDS	POINT NAME	Y COORDS	X COORDS
346	591248.28	59409.33	356	591354.84	59395.66
347	591290.38	59399.36	396	591291.33	59302.71
348	591298.27	59398.03			
349	591332.16	59394.22			
350	591346.40	59385.75			
351	591353.97	59385.76			
352	591358.10	59385.26			
353	591339.43	59394.79			
354	591339.53	59396.79			
355	591345.85	59400.86			

MARLEY ST.

MATCH LINE STA. 58+00NB

MATCH LINE STA. 63+50NB

MATCH LINE STA. 601+00EGE

EVERGREEN AVE.

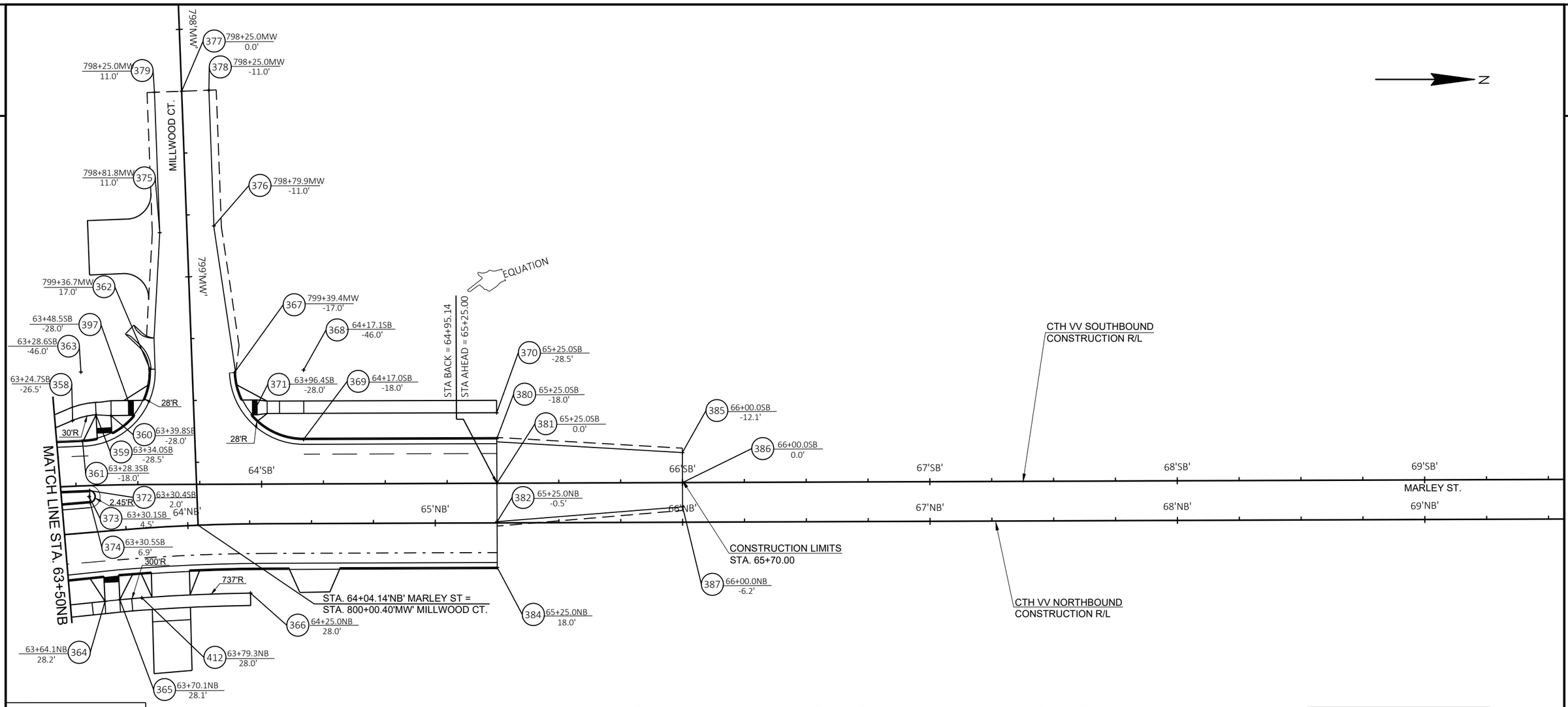
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-MARLEY ST.	SHEET PRE_117 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021401-SOVV.DWG
LAYOUT NAME - 021405 so

PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
358	591508.69	59305.23
359	591518.16	59302.95
360	591524.18	59303.26
361	591512.68	59313.63
362	591539.98	59284.55
363	591512.00	59285.62
364	591521.78	59378.24
365	591527.76	59377.62
366	591580.59	59374.96
367	591574.04	59285.91

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
368	591602.02	59284.85
369	591602.02	59312.85
370	591680.07	59302.07
371	591581.30	59302.93
372	591515.53	59333.54
373	591515.30	59335.99
374	591515.75	59338.40
375	591543.89	59229.37
376	591565.79	59226.64
377	591552.73	59172.24

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
378	591563.73	59171.83
379	591541.74	59172.66
380	591680.11	59312.57
381	591680.17	59330.57
382	591680.23	59346.07
384	591680.29	59364.57
385	591755.13	59318.18
386	591755.17	59330.30
387	591755.21	59340.10
397	591533.21	59303.11

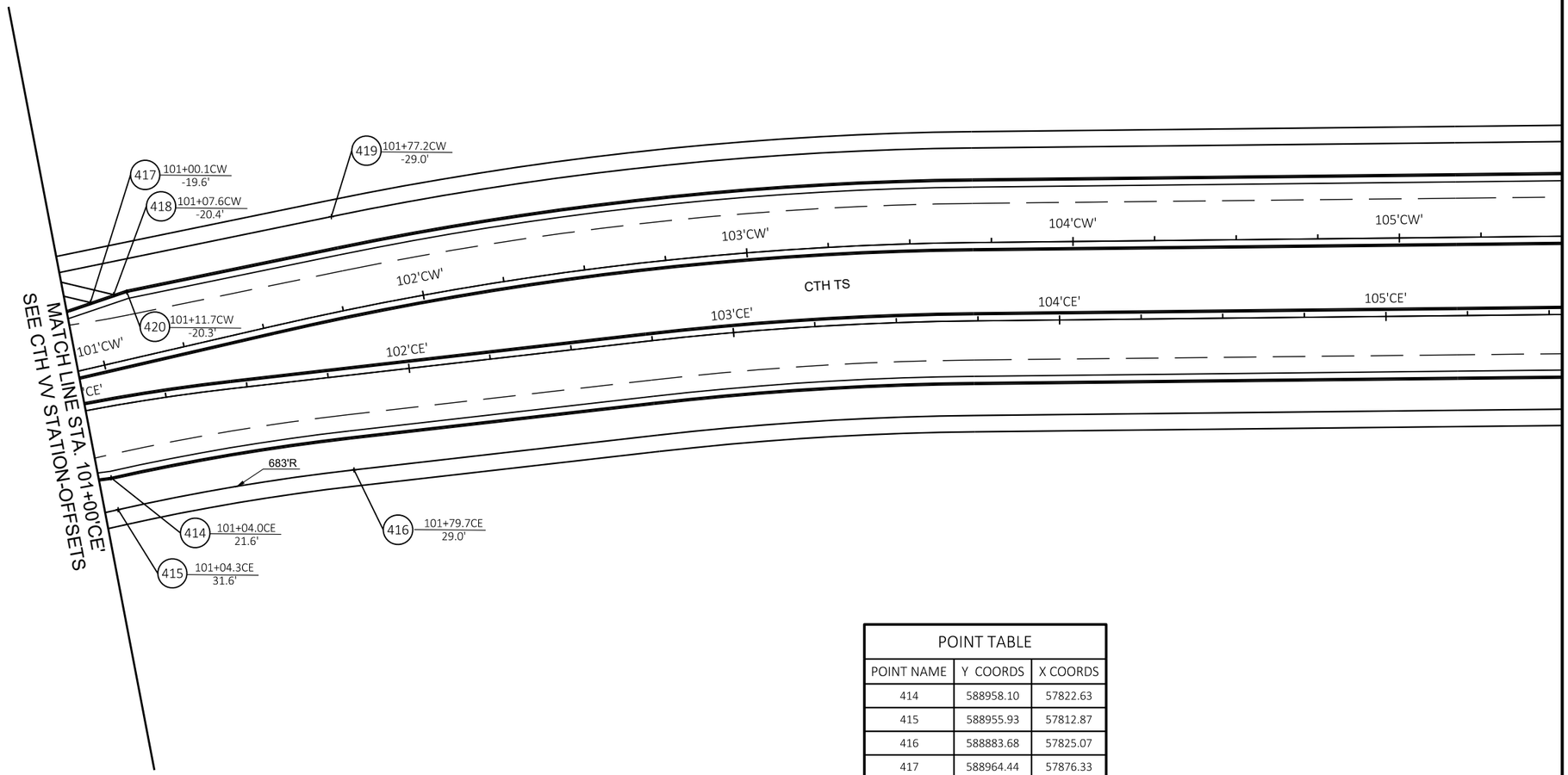
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
412	591536.65	59376.84

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-MARLEY ST.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021401-SOVV.DWG
LAYOUT NAME - 021406 so

PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
414	588958.10	57822.63
415	588955.93	57812.87
416	588883.68	57825.07
417	588964.44	57876.33
418	588957.32	57878.75
419	588890.62	57902.69
420	588953.27	57879.60

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-CTH TS	SHEET E

PRE_119

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021407 SO.DWG
LAYOUT NAME - 021407 so

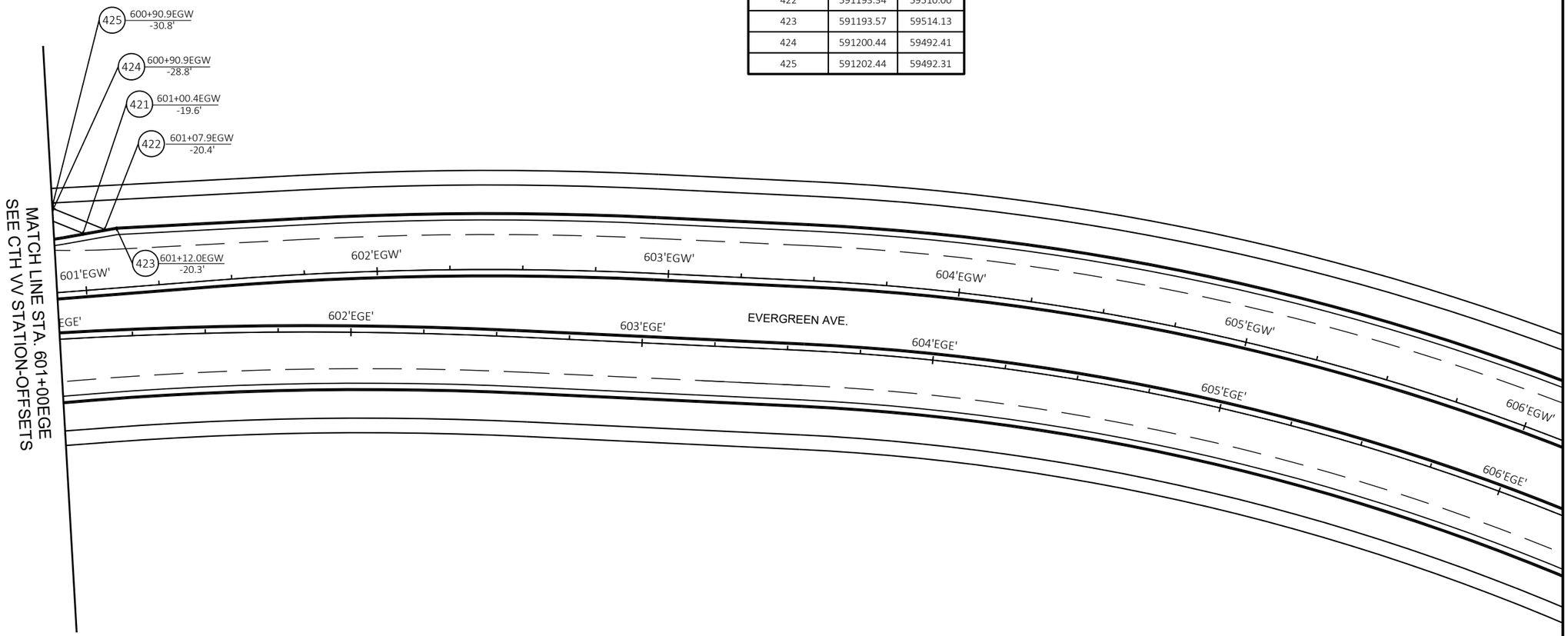
PLOT DATE : 1/22/2020 7:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
421	591192.02	59502.59
422	591193.34	59510.00
423	591193.57	59514.13
424	591200.44	59492.41
425	591202.44	59492.31



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: PLAN OFFSETS	SHEET E

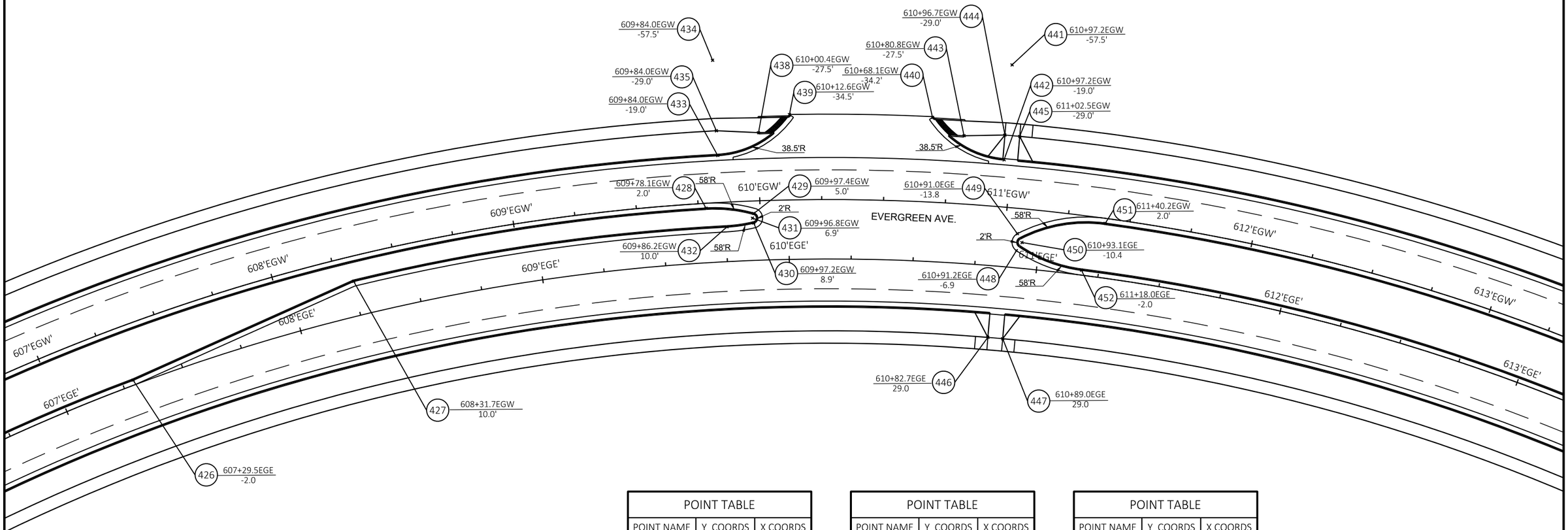
PRE_120

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021403-SOEG.DWG
LAYOUT NAME - 021408-so

PLOT DATE : 1/22/2020 7:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
426	591050.94	60106.98
427	591008.34	60194.84
428	590918.22	60308.97
429	590902.08	60319.79
430	590899.64	60316.78
431	590901.26	60317.96
432	590906.93	60308.60
433	590928.32	60328.30
434	590954.61	60356.43
435	590935.15	60335.61

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
438	590921.61	60345.97
439	590916.74	60359.63
440	590871.72	60395.89
441	590860.74	60432.79
442	590838.55	60401.33
443	590857.18	60398.38
444	590844.72	60409.21
445	590839.81	60412.65
446	590797.47	60342.20
447	590792.55	60345.64

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
448	590811.14	60376.42
449	590815.25	60381.93
450	590811.55	60380.40
451	590790.76	60407.97
452	590786.00	60387.29

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: PLAN OFFSETS	SHEET E

PRE_121

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021403-SOEG.DWG
LAYOUT NAME - 021409-so

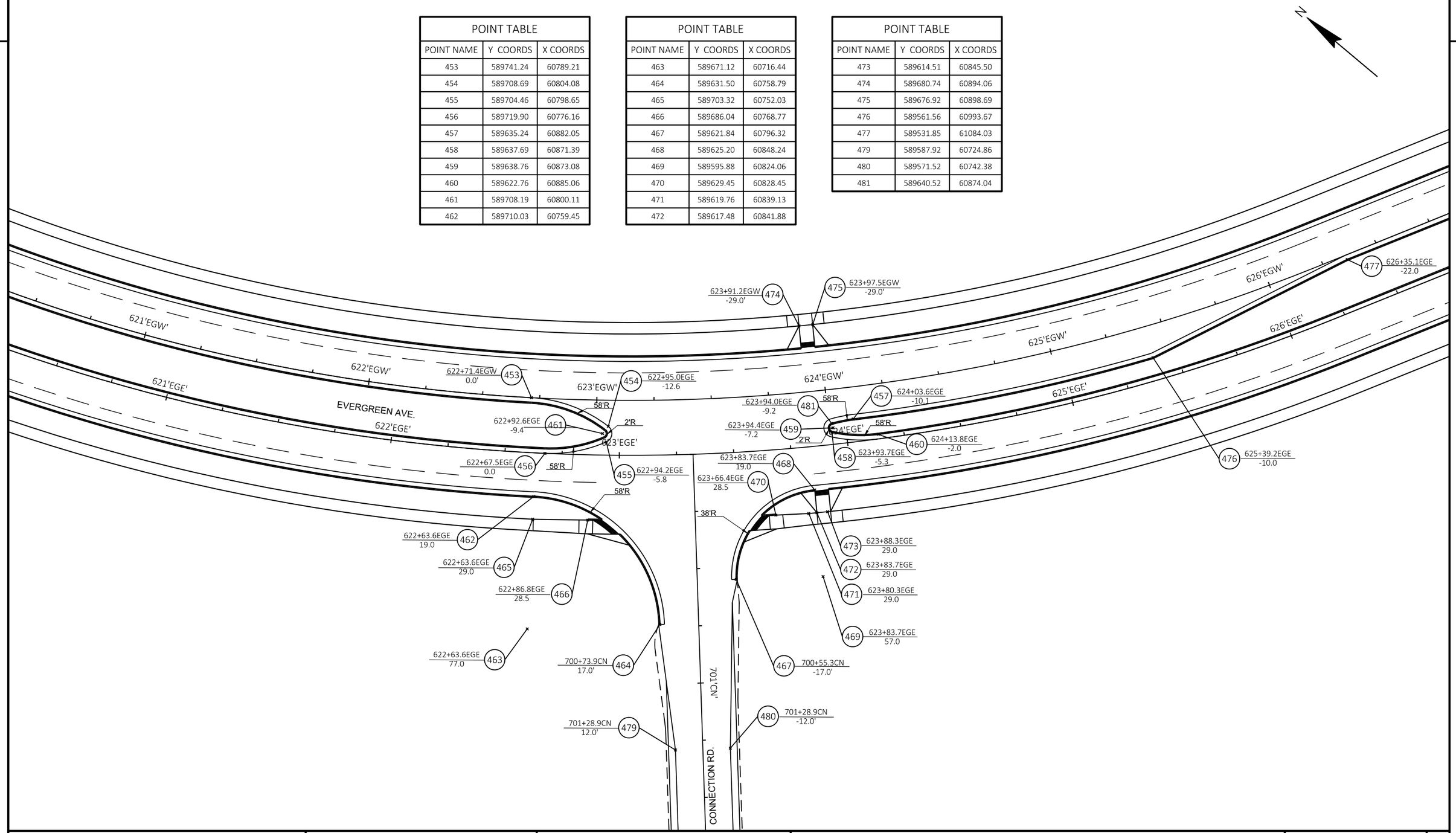
PLOT DATE : 1/22/2020 7:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
453	589741.24	60789.21
454	589708.69	60804.08
455	589704.46	60798.65
456	589719.90	60776.16
457	589635.24	60882.05
458	589637.69	60871.39
459	589638.76	60873.08
460	589622.76	60885.06
461	589708.19	60800.11
462	589710.03	60759.45

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
463	589671.12	60716.44
464	589631.50	60758.79
465	589703.32	60752.03
466	589686.04	60768.77
467	589621.84	60796.32
468	589625.20	60848.24
469	589595.88	60824.06
470	589629.45	60828.45
471	589619.76	60839.13
472	589617.48	60841.88

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
473	589614.51	60845.50
474	589680.74	60894.06
475	589676.92	60898.69
476	589561.56	60993.67
477	589531.85	61084.03
479	589587.92	60724.86
480	589571.52	60742.38
481	589640.52	60874.04



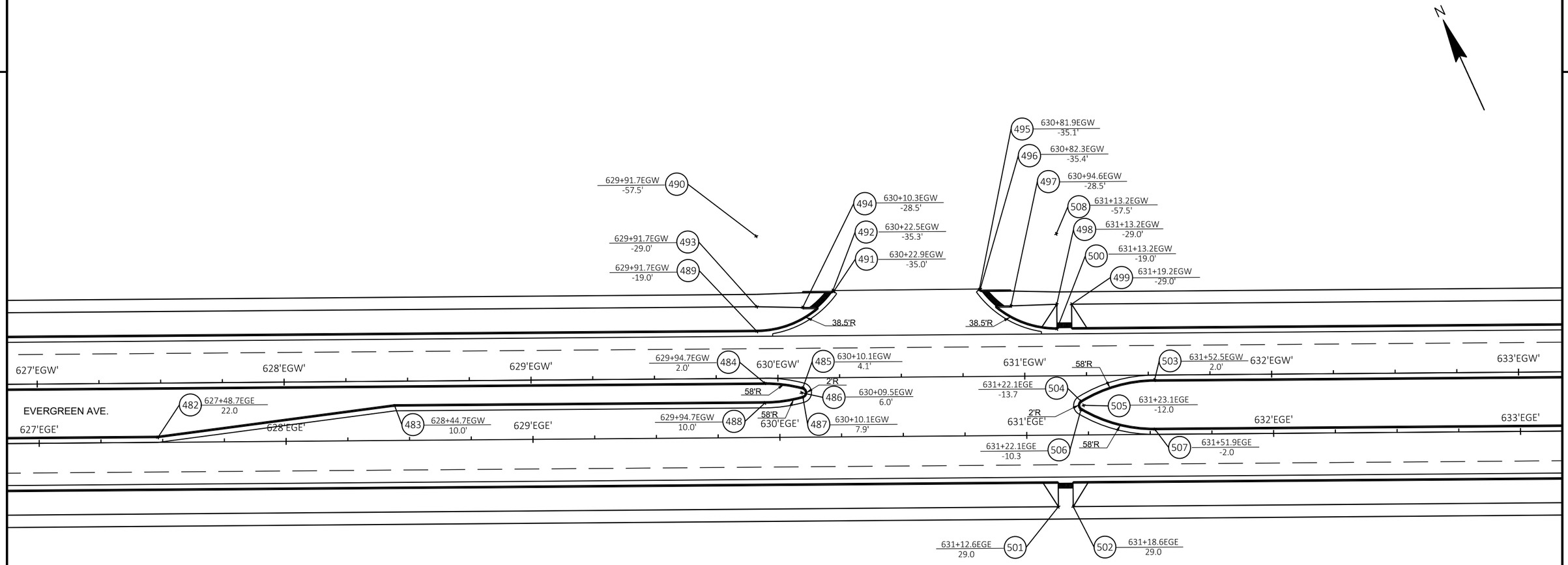
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN: PLAN OFFSETS	SHEET E

PRE_122

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021403-SOEG.DWG
LAYOUT NAME - 021410-so

PLOT DATE : 1/22/2020 7:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

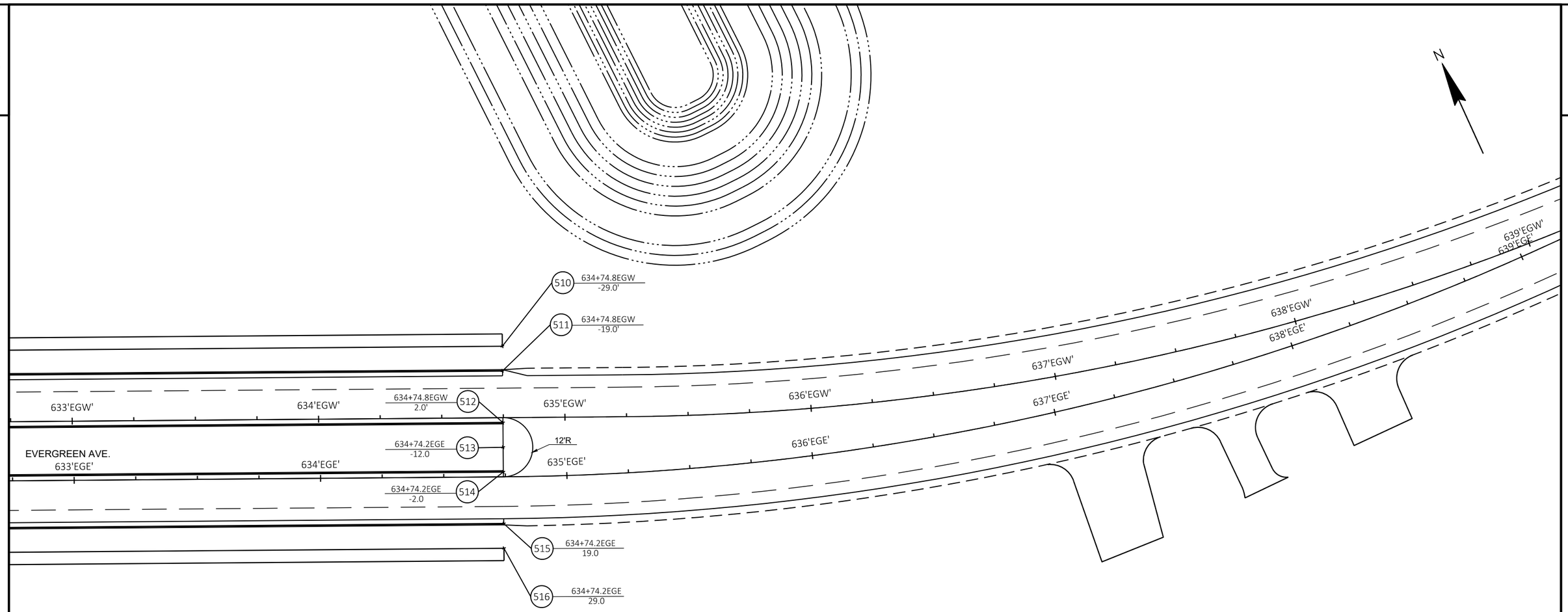


POINT TABLE		
POINT NAME	Y COORDS	X COORDS
482	589469.23	61180.17
483	589442.71	61273.21
484	589391.36	61414.37
485	589383.44	61427.70
486	589381.88	61426.46
487	589379.89	61426.19
488	589384.00	61411.24
489	589411.86	61419.83
490	589447.29	61434.90
491	589414.34	61454.82

POINT TABLE		
POINT NAME	Y COORDS	X COORDS
492	589414.79	61454.60
493	589421.07	61423.73
494	589413.34	61440.62
495	589391.42	61509.12
496	589391.53	61509.60
497	589380.31	61518.28
498	589373.51	61535.55
499	589371.16	61541.07
500	589364.31	61531.64
501	589298.05	61503.46

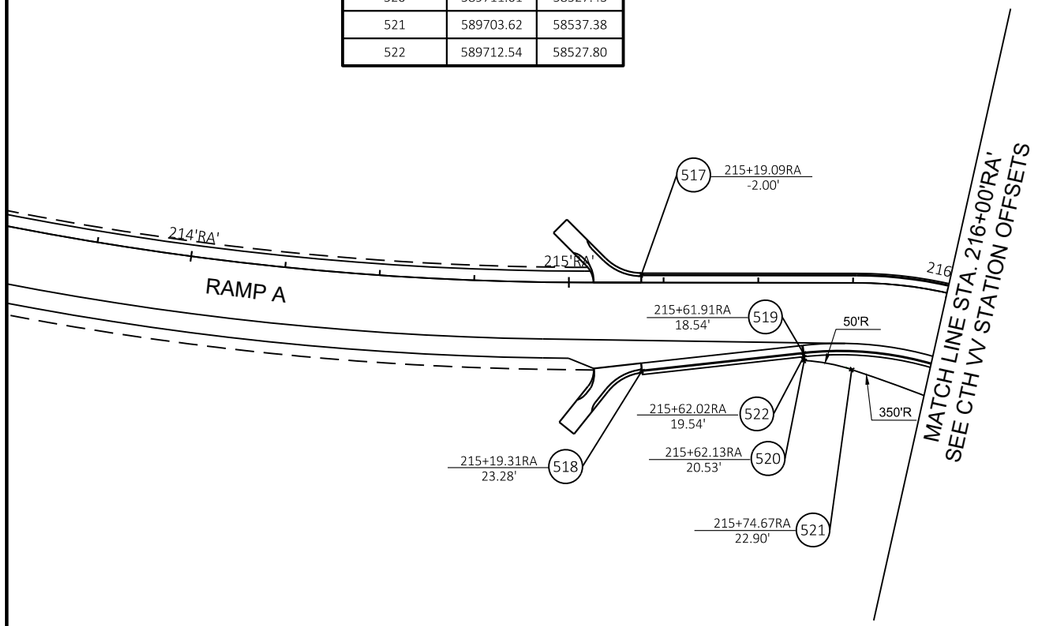
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
502	589295.71	61508.98
503	589329.59	61559.63
504	589333.65	61528.89
505	589331.67	61529.17
506	589330.50	61527.55
507	589311.18	61551.80
508	589399.74	61546.71

2

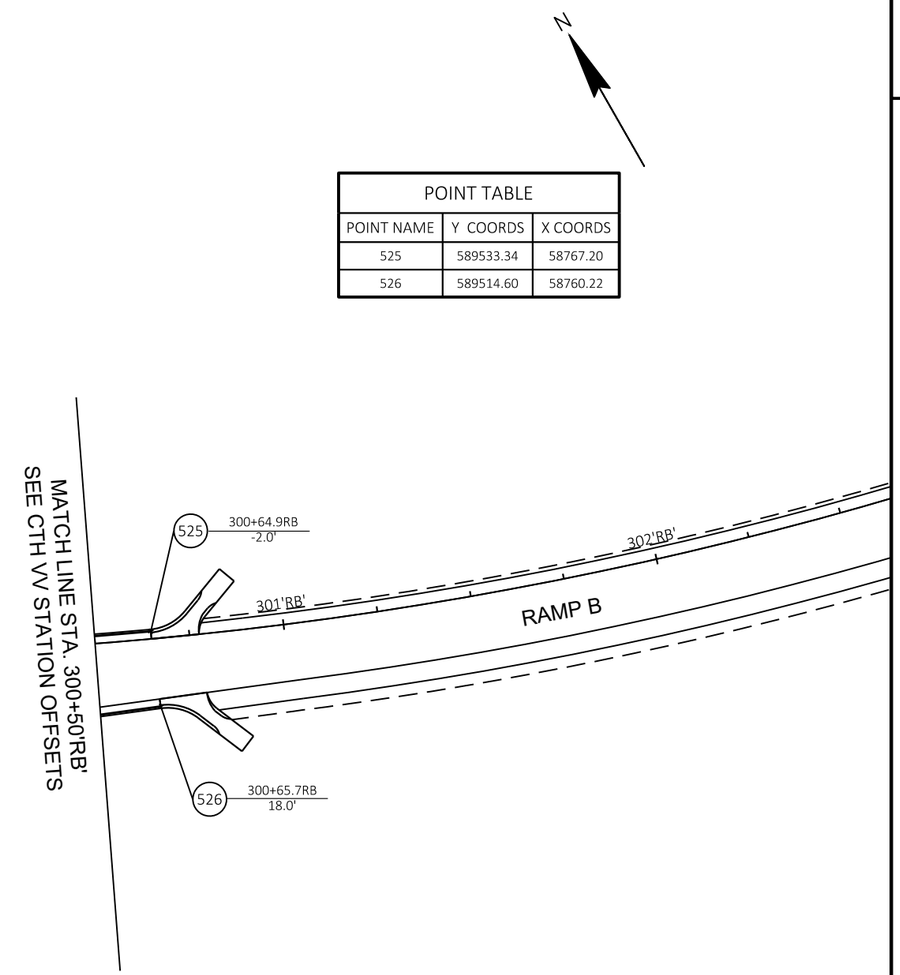


POINT TABLE		
POINT NAME	Y COORDS	X COORDS
510	589231.99	61868.33
511	589222.79	61864.41
512	589203.46	61856.20
513	589194.26	61852.28
514	589185.06	61848.37
515	589165.73	61840.15
516	589156.53	61836.24

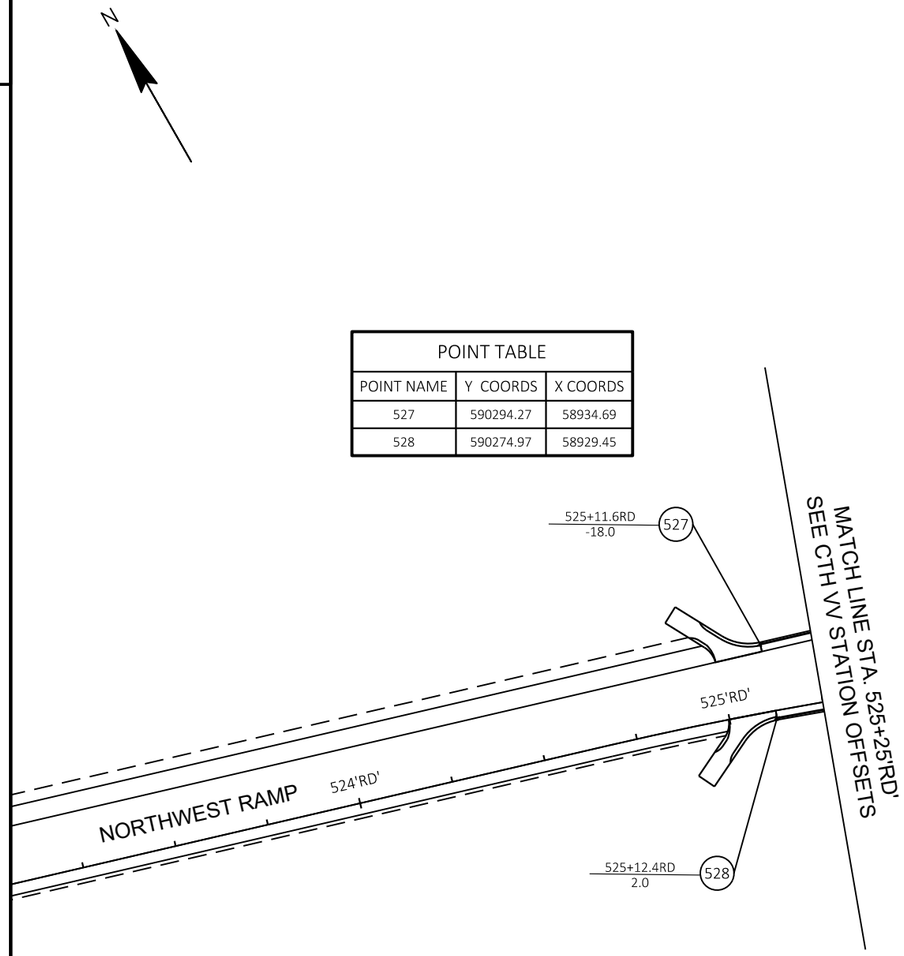
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
517	589751.75	58500.06
518	589729.34	58488.36
519	589713.47	58528.17
520	589711.61	58527.43
521	589703.62	58537.38
522	589712.54	58527.80



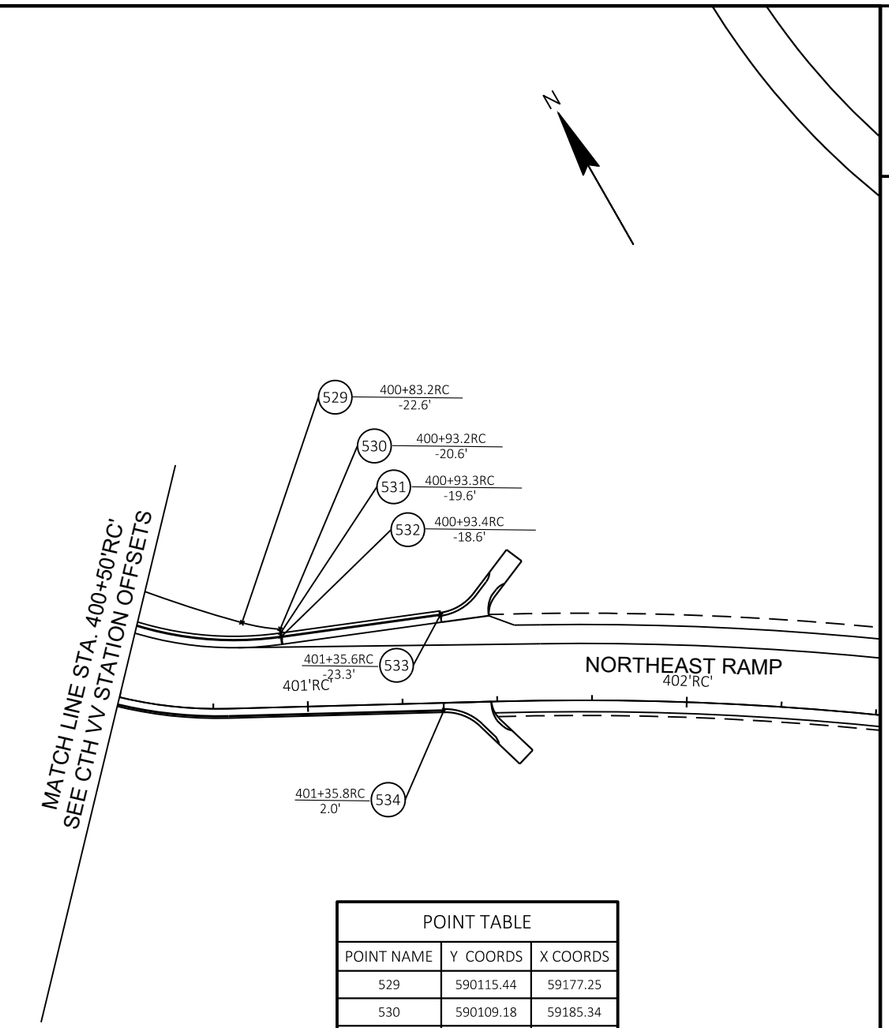
POINT TABLE		
POINT NAME	Y COORDS	X COORDS
525	589533.34	58767.20
526	589514.60	58760.22



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-RAMPS A AND B	SHEET E



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
527	590294.27	58934.69
528	590274.97	58929.45



POINT TABLE		
POINT NAME	Y COORDS	X COORDS
529	590115.44	59177.25
530	590109.18	59185.34
531	590108.24	59185.00
532	590107.30	59184.66
533	590092.70	59224.50
534	590069.97	59213.43

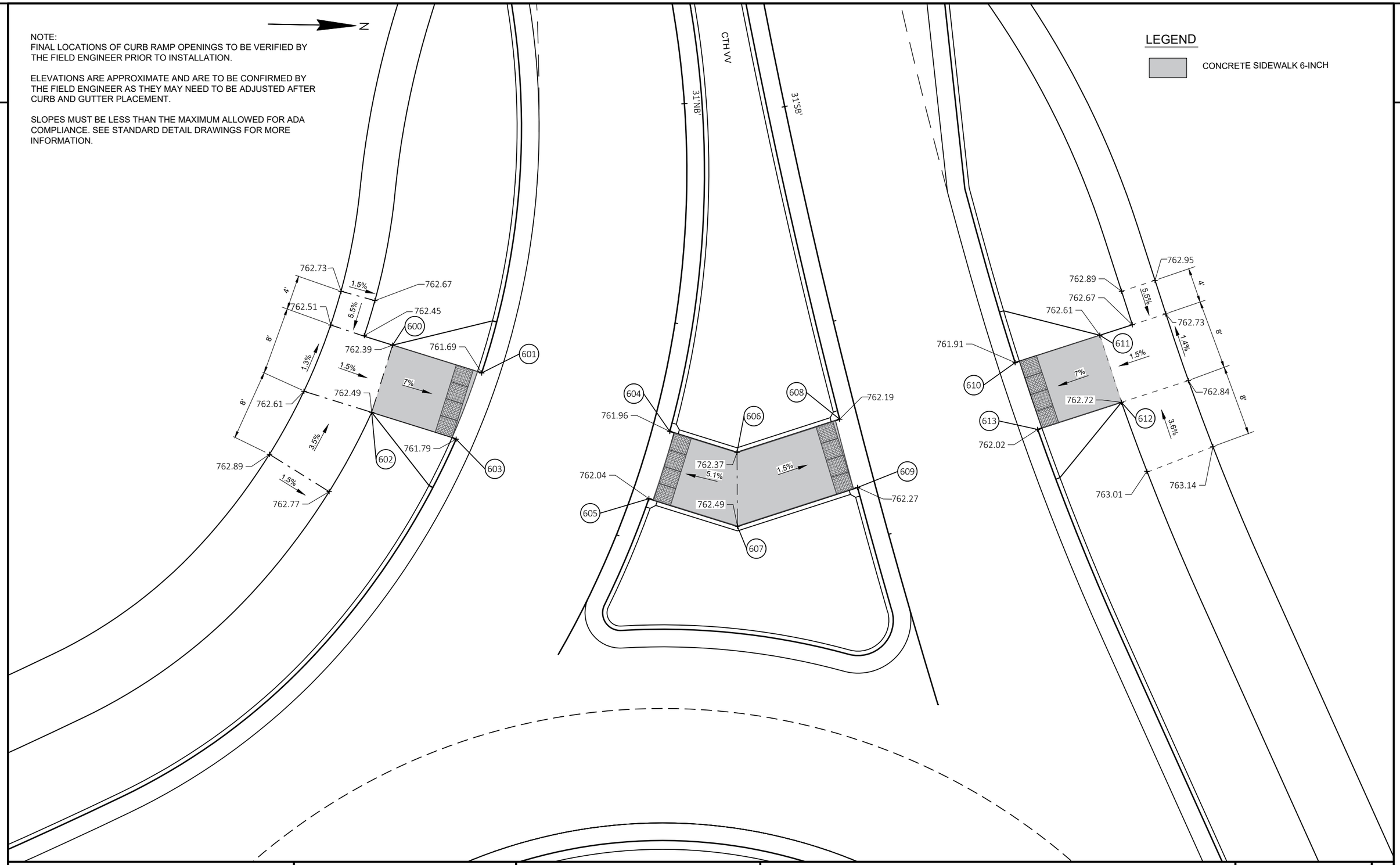
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN OFFSETS-RAMPS C AND D	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021404-SORA.DWG
LAYOUT NAME - 021414-so
PLOT DATE : 1/22/2020 7:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

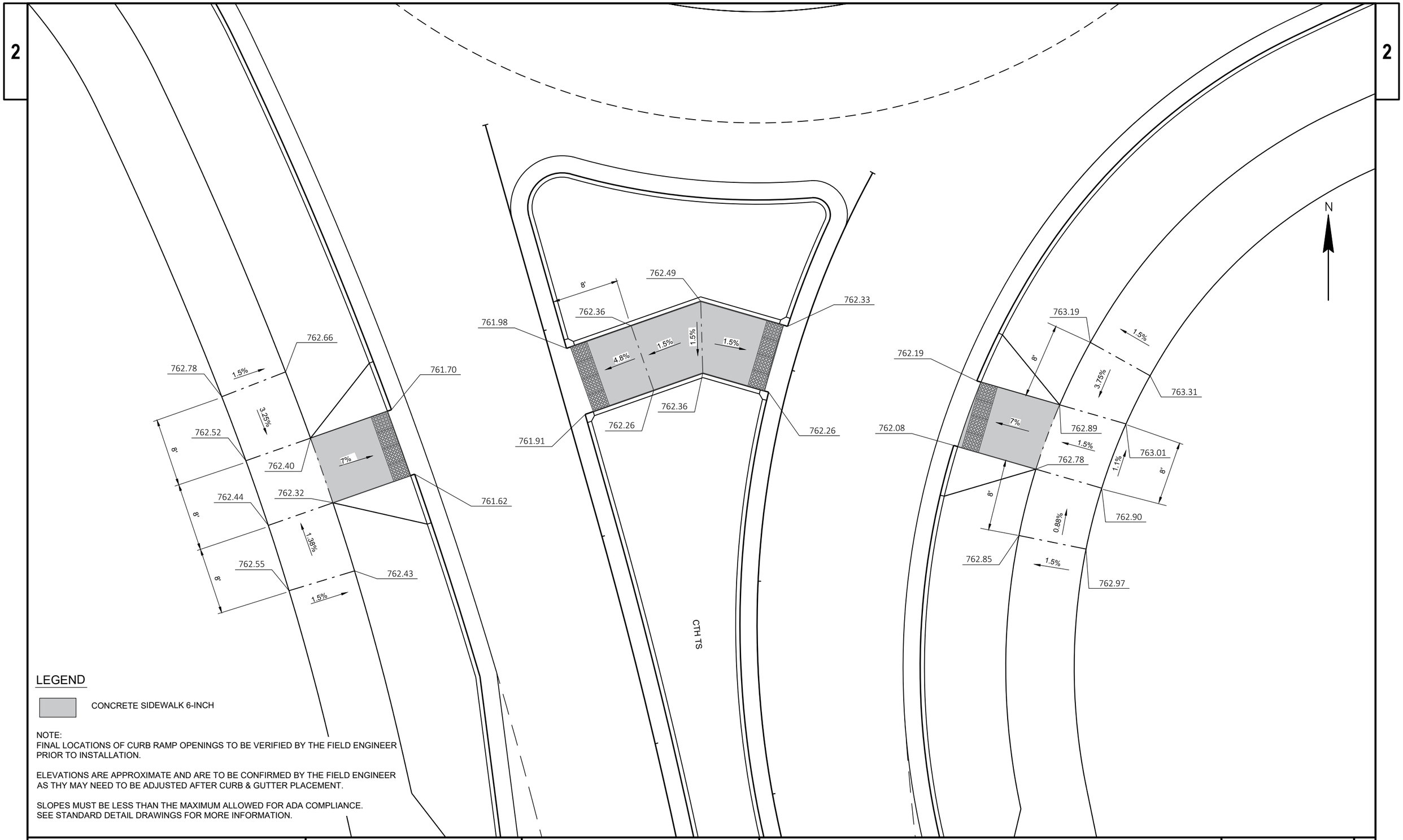
NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THEY MAY NEED TO BE ADJUSTED AFTER CURB AND GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE. SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.



2



LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS-CTH VV/CTH TS RAB SOUTH LEG	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021502-cr
PLOT DATE : 1/22/2020 7:48 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2

2

N

763.81
1.5%
763.69
762.76
2.9%
763.58
8'
763.46
7%
0.4%
1.5%
763.55
763.43
762.73
8'
2.9%
763.78
763.66
8'
1.5%

762.90
763.49
8'
763.29
763.26
1.5%
4.9%
1.5%
1.5%
763.32
763.17
762.85
763.21

763.03
763.99
8'
1.5%
3.3%
764.11
7%
762.96
763.73
1.5%
763.85
0.9%
763.66
8'
8'
1.3%
763.78
763.77
1.5%
763.89

CTH VV

LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS-CTH VV/CTH TS RAB EAST LEG	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021503-cr
PLOT DATE : 1/22/2020 7:48 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

782.68
782.80
1.5%
781.68
3.8%
782.50
8'
782.38
7%
1.4%
1.5%
782.39
782.27
781.57
8'
0.6%
782.45
782.33
8'
1.5%

6'
782.54
6'
782.45
782.44
782.03
782.30
7%
1.5%
1.5%
1.5%
1.5%
2.3%
1.5%
782.33
782.36
782.32
781.91
782.19

783.20
1.5%
782.13
8'
4.0%
783.32
781.98
7%
782.83
1.5%
782.68
782.95
8'
8'
0.3%
782.80
782.70
1.5%
782.82

CTH VV

LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_130

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021504-cr

PLOT DATE : 1/22/2020 7:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

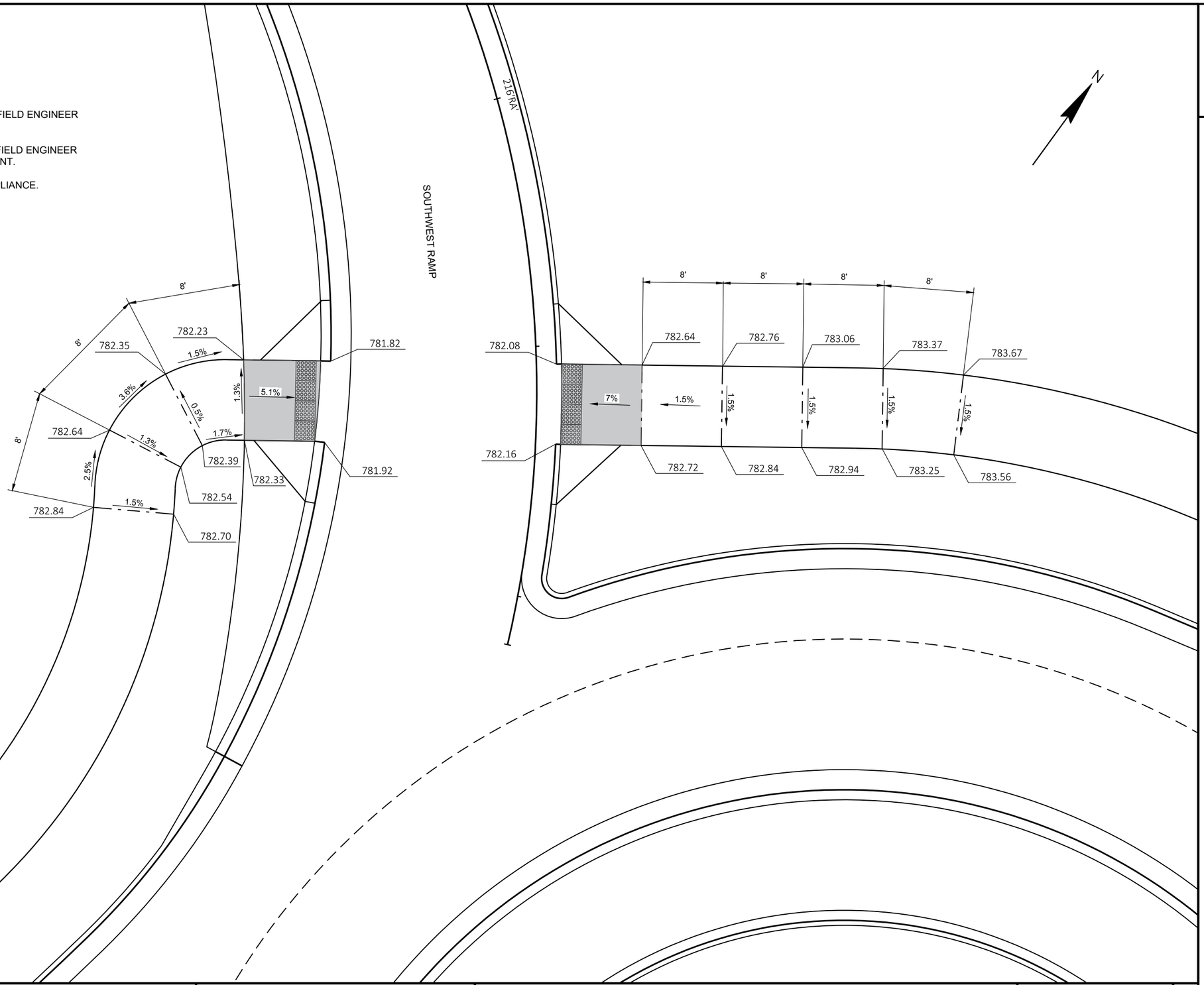
LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

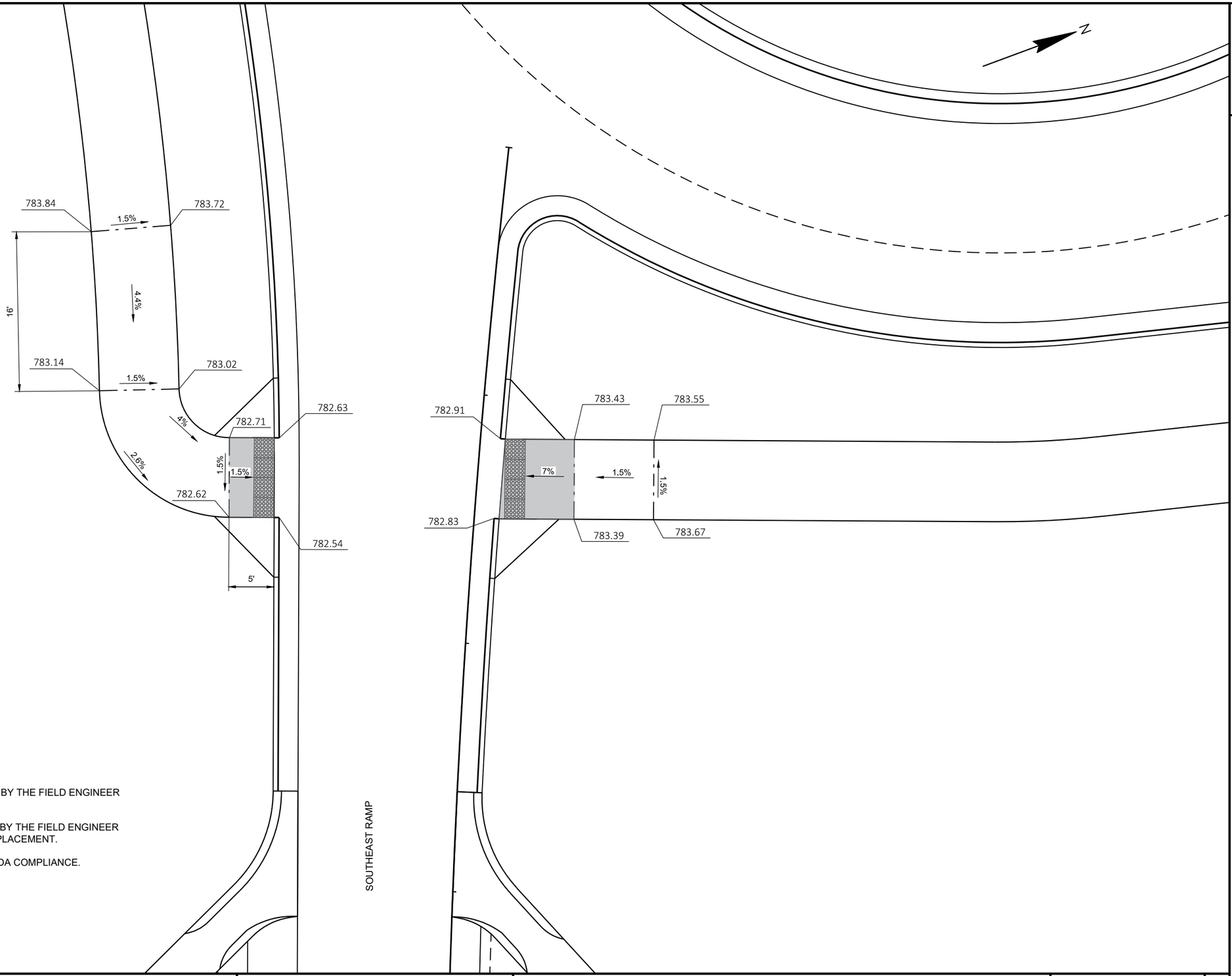
PRE_131

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021505-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2



LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021506-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

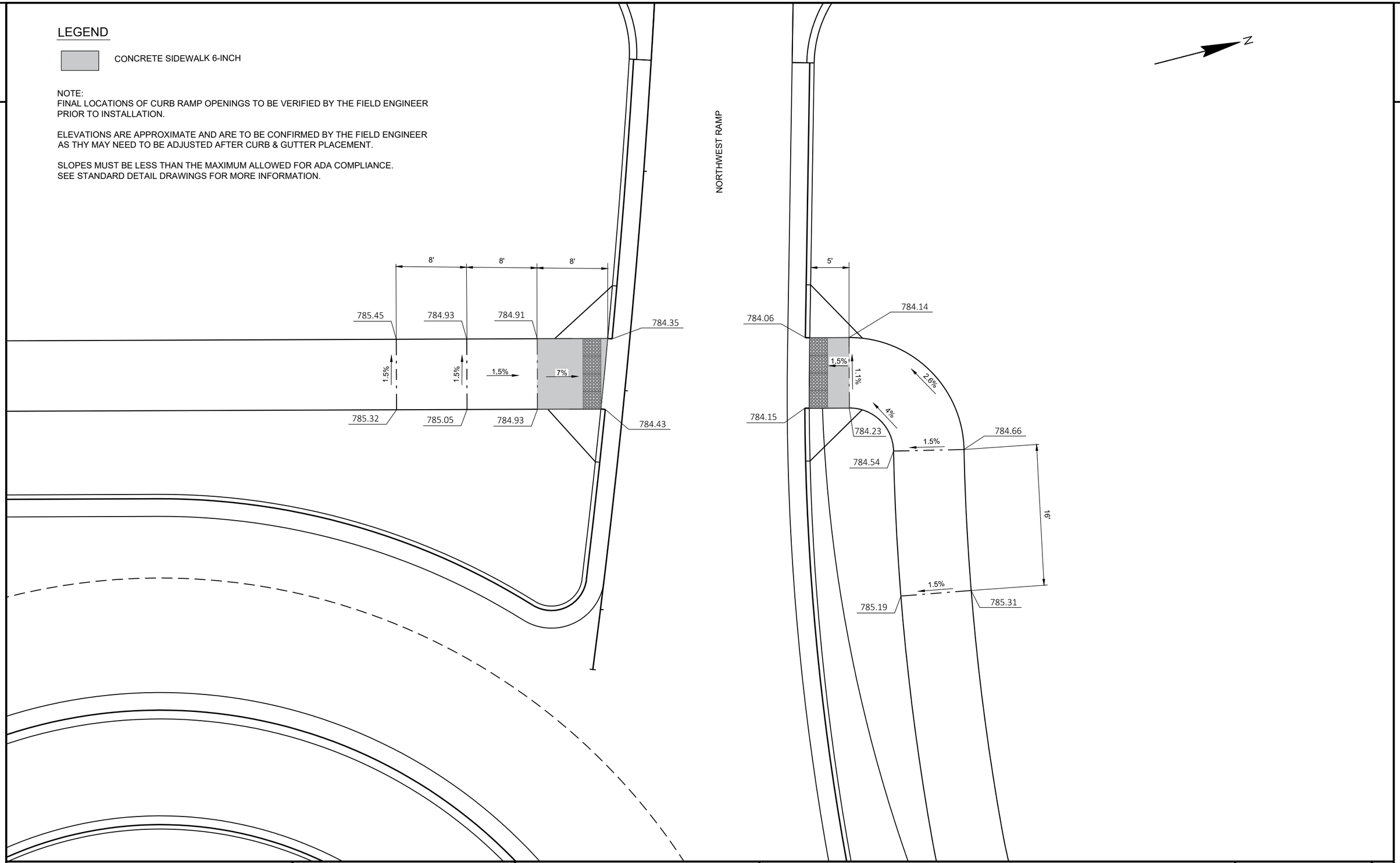
LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021507-cr
PLOT DATE : 1/22/2020 7:49 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

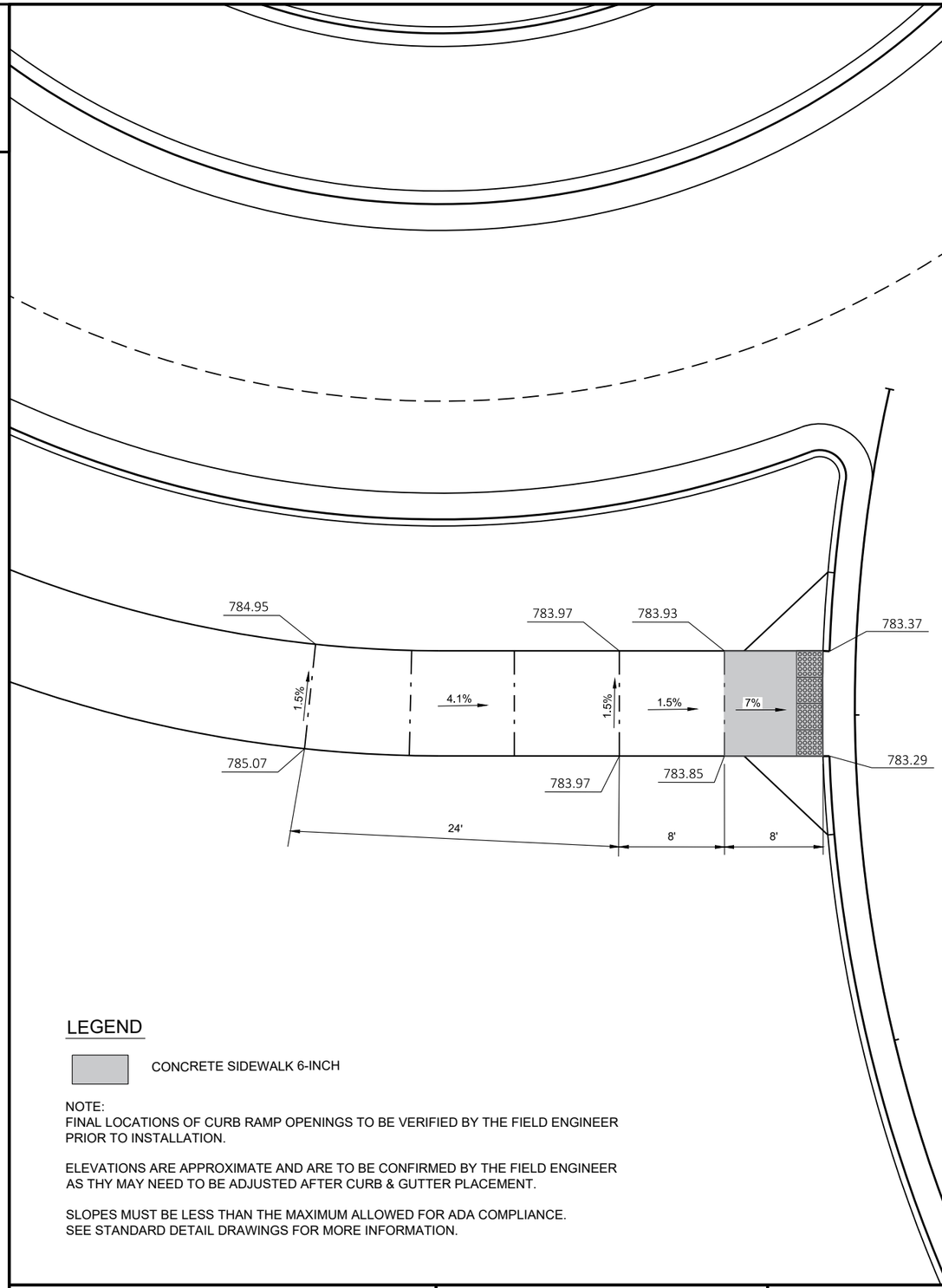
CTH VV

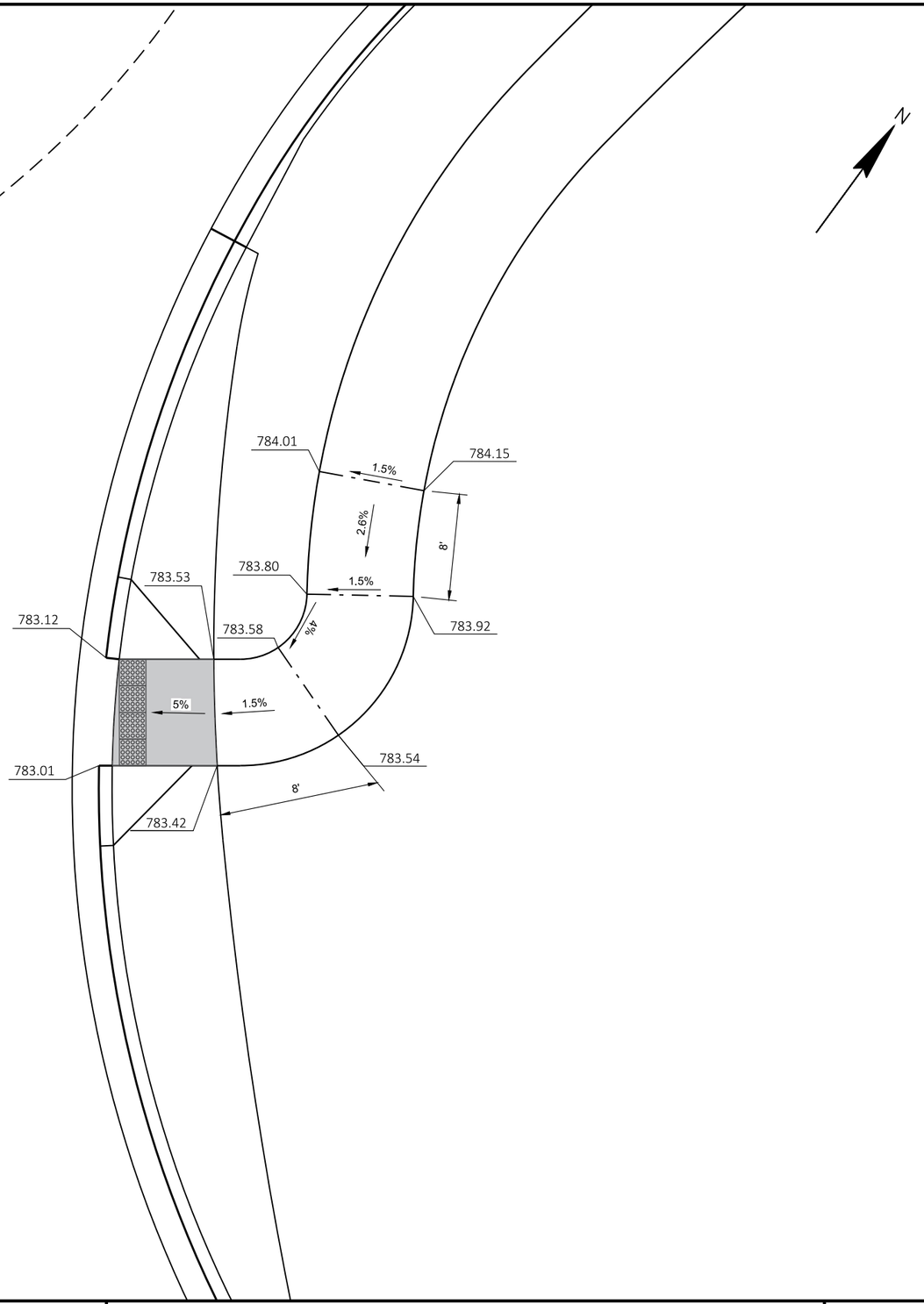
PRE_133

WISDOT/CADDS SHEET 42

2

NORTHEAST RAMP





LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021508-cr
PLOT DATE : 1/22/2020 7:49 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2

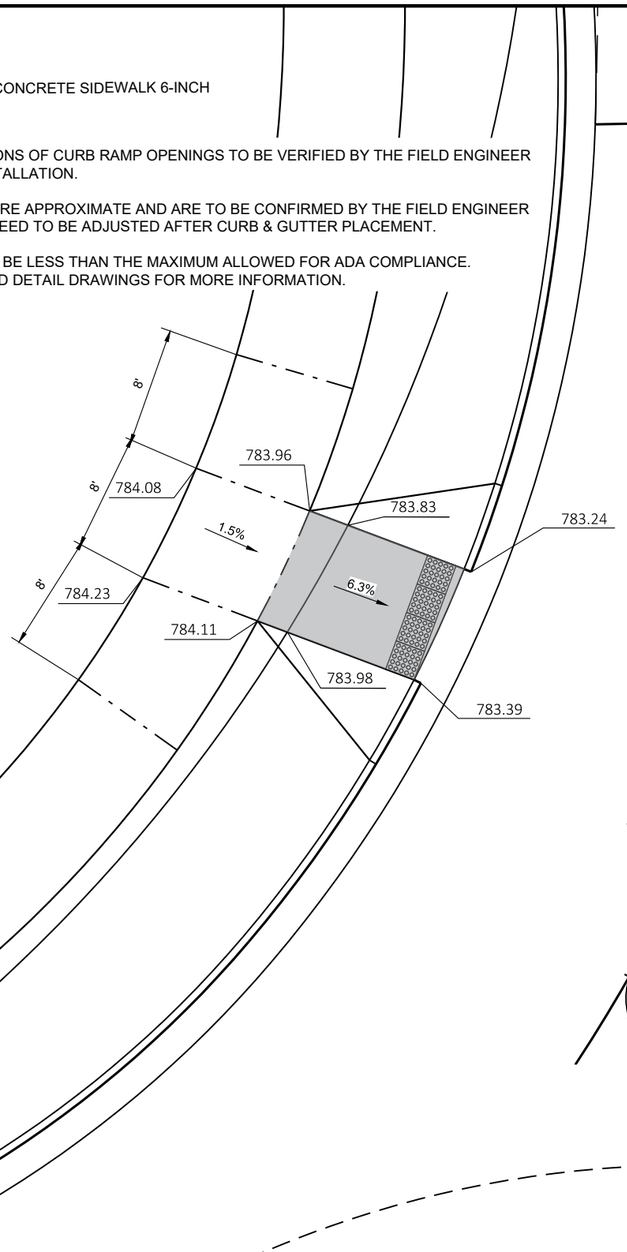
LEGEND

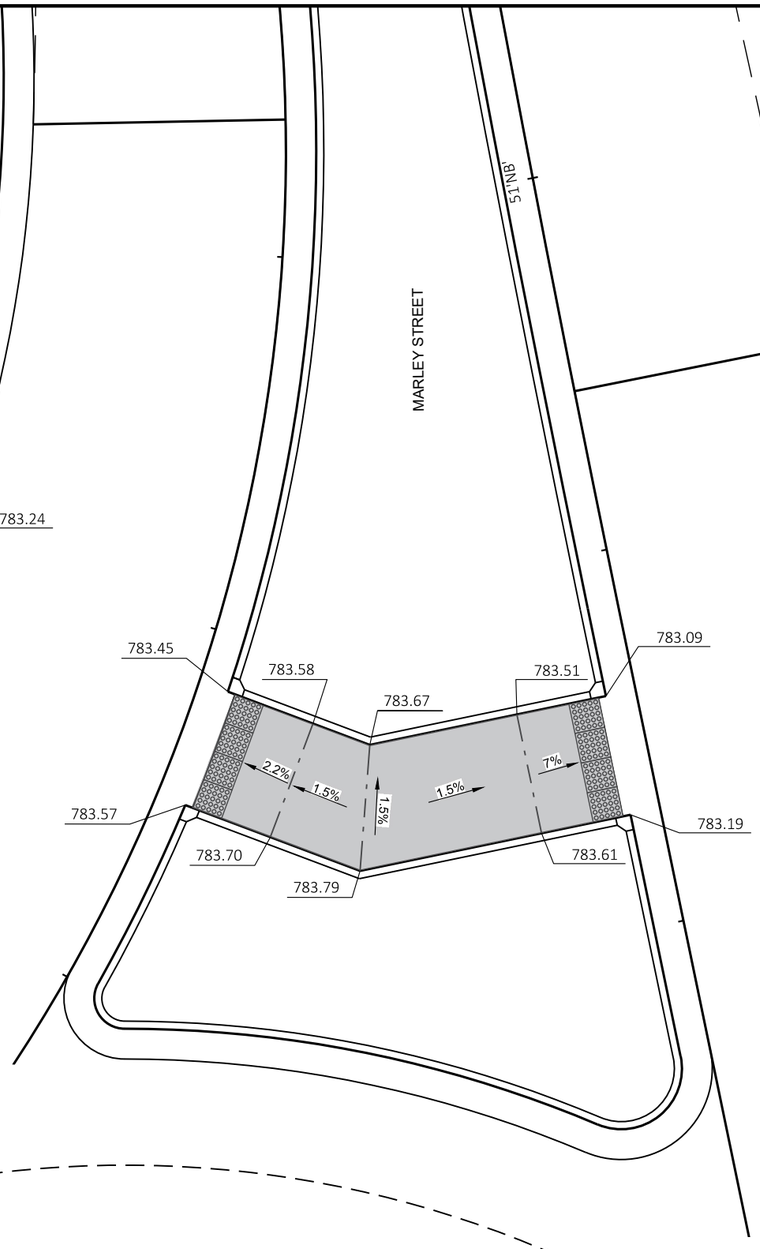
CONCRETE SIDEWALK 6-INCH

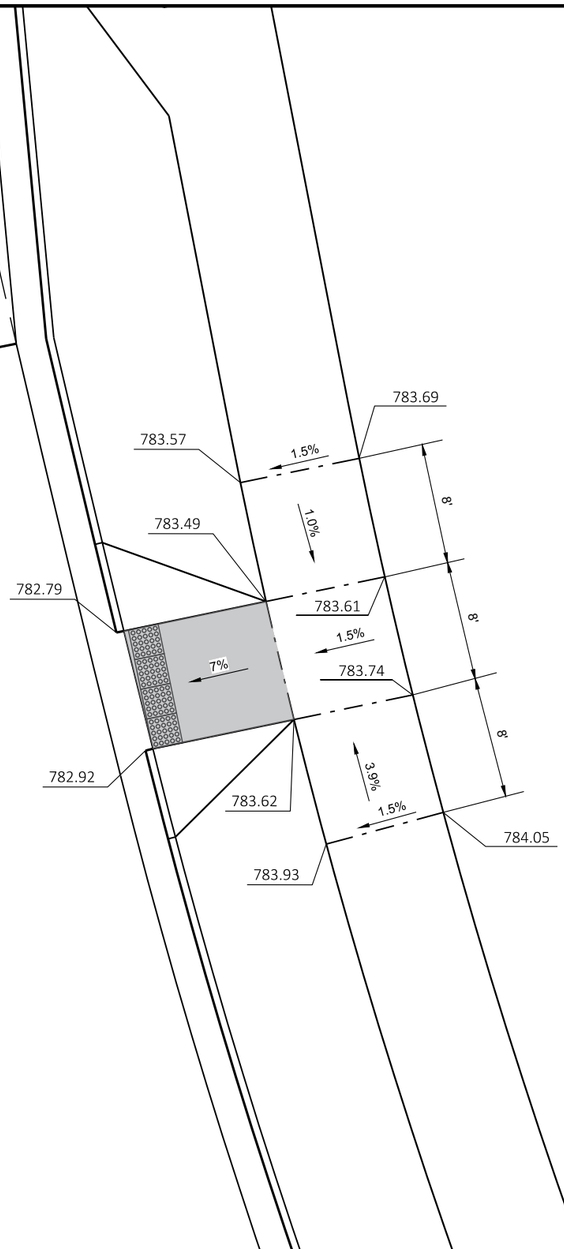
NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.



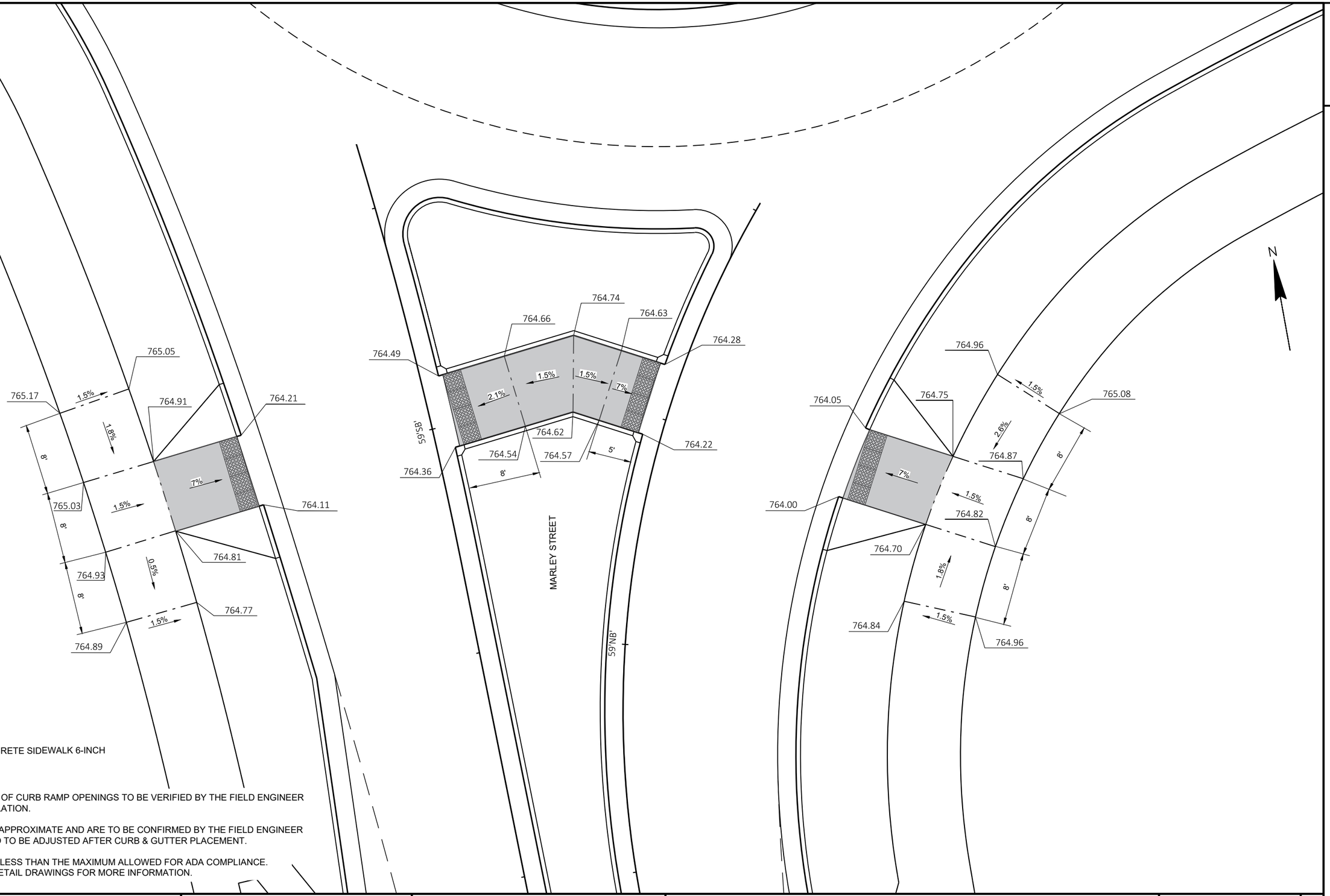




PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

2

2



LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_136

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021510-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

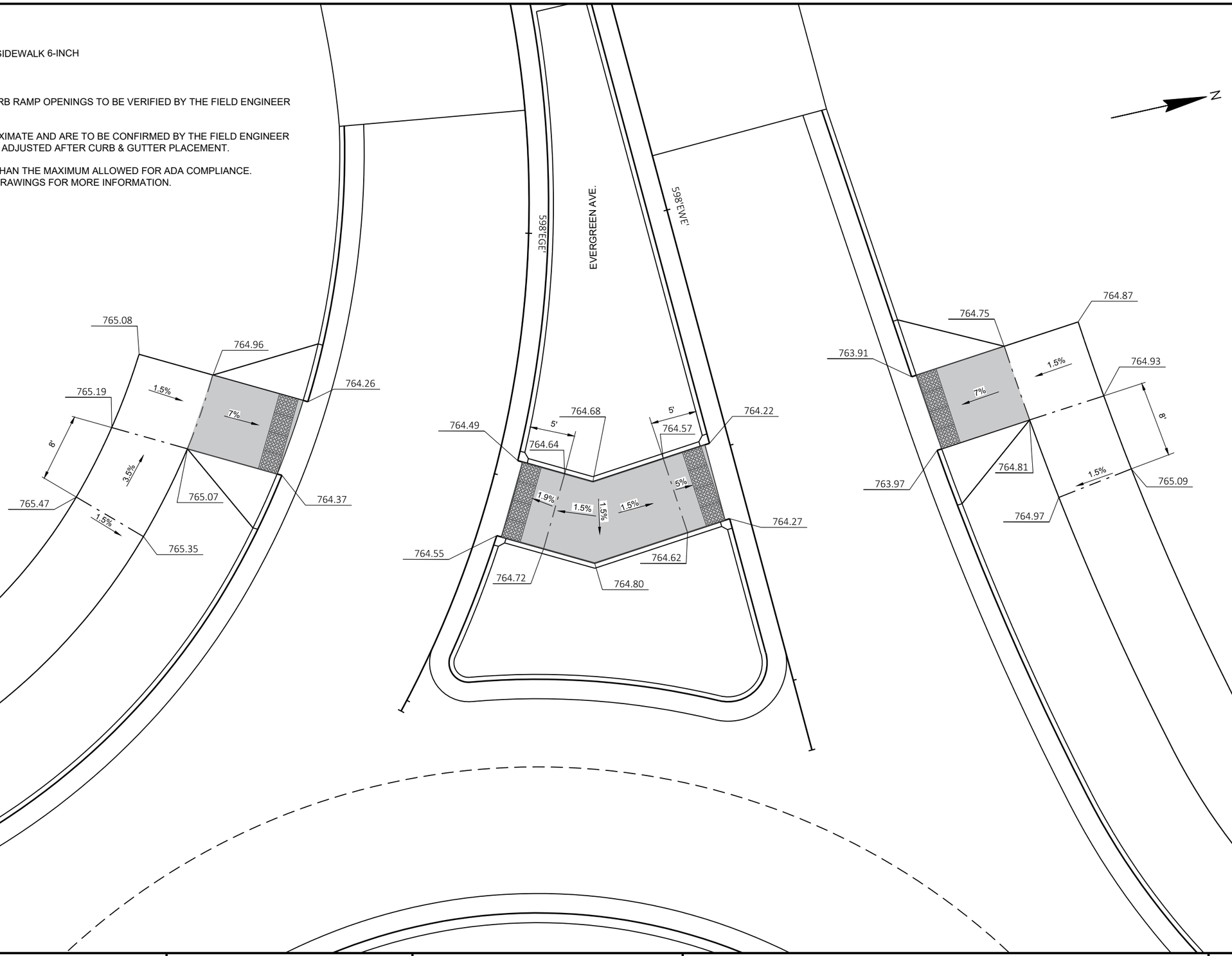
LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_137

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021511-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

EVERGREEN AVE.

764.30
764.42
1.5%
3.9%
763.99
763.29
8'
764.11
1.5%
7%
763.19
8'
764.01
763.89
1%
8'
763.97
1.5%
764.09

763.78
763.70
7'
763.35
763.56
1.1%
1.5%
7%
763.67
763.62
763.47
763.27

764.10
1.5%
764.22
763.82
763.12
3.5%
8'
763.94
7%
1.5%
763.02
8'
763.72
763.84
0.8%
8'
763.78
1.5%
763.90

LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE. SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021512-cr
PLOT DATE : 1/22/2020 7:49 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

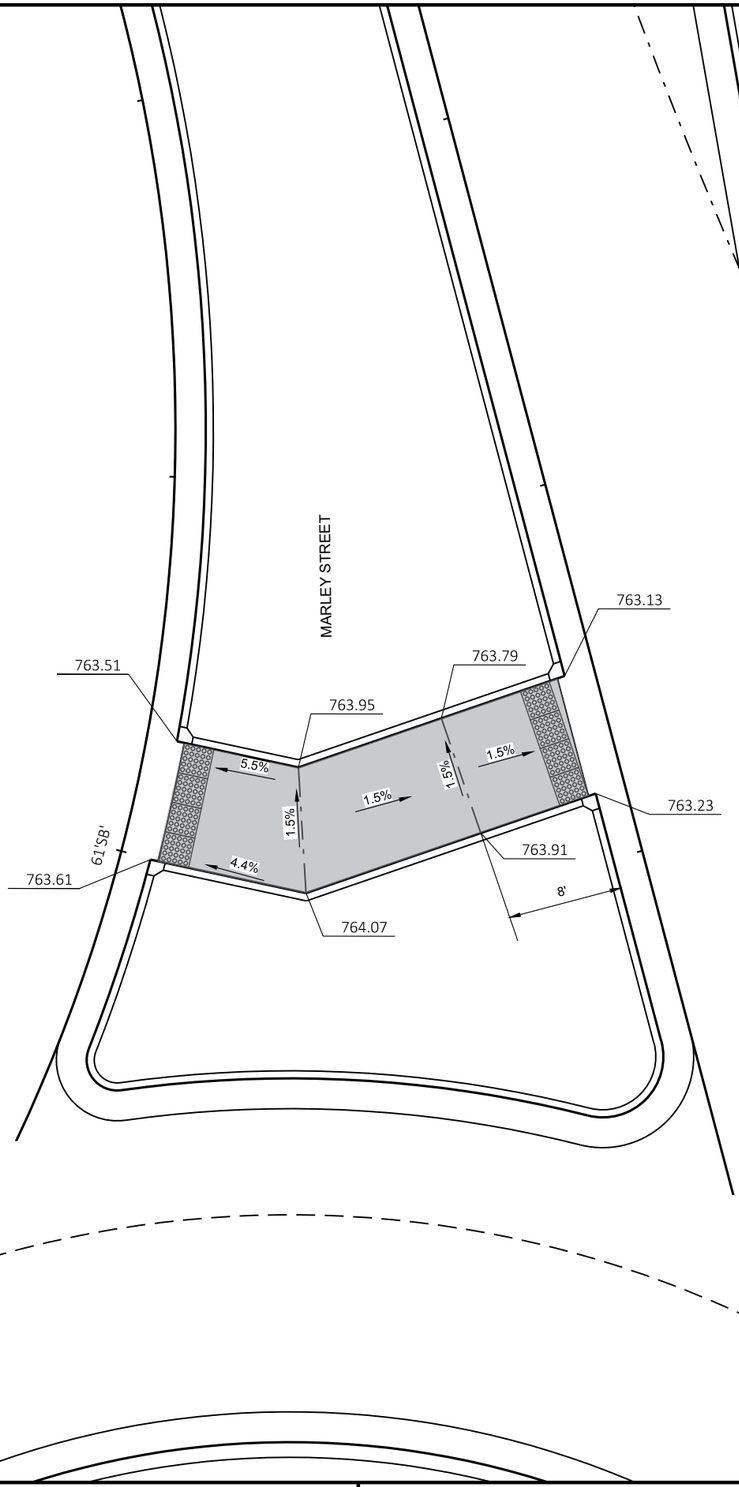
CONCRETE SIDEWALK 6-INCH

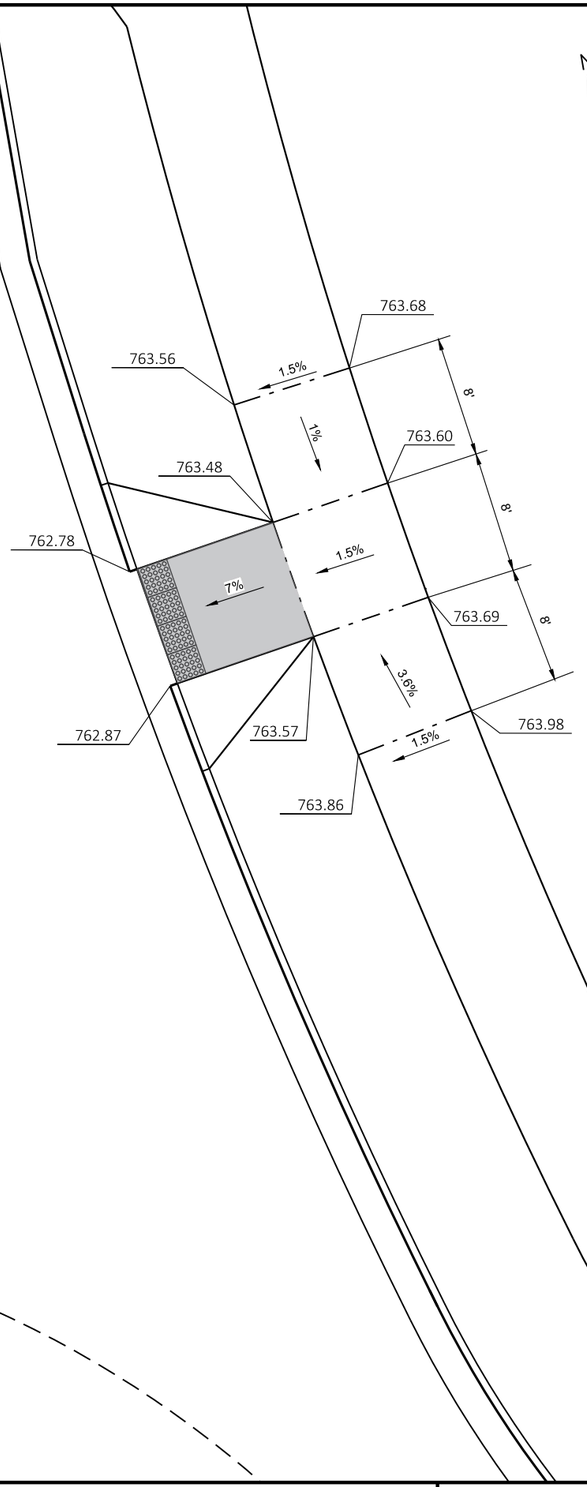
NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.





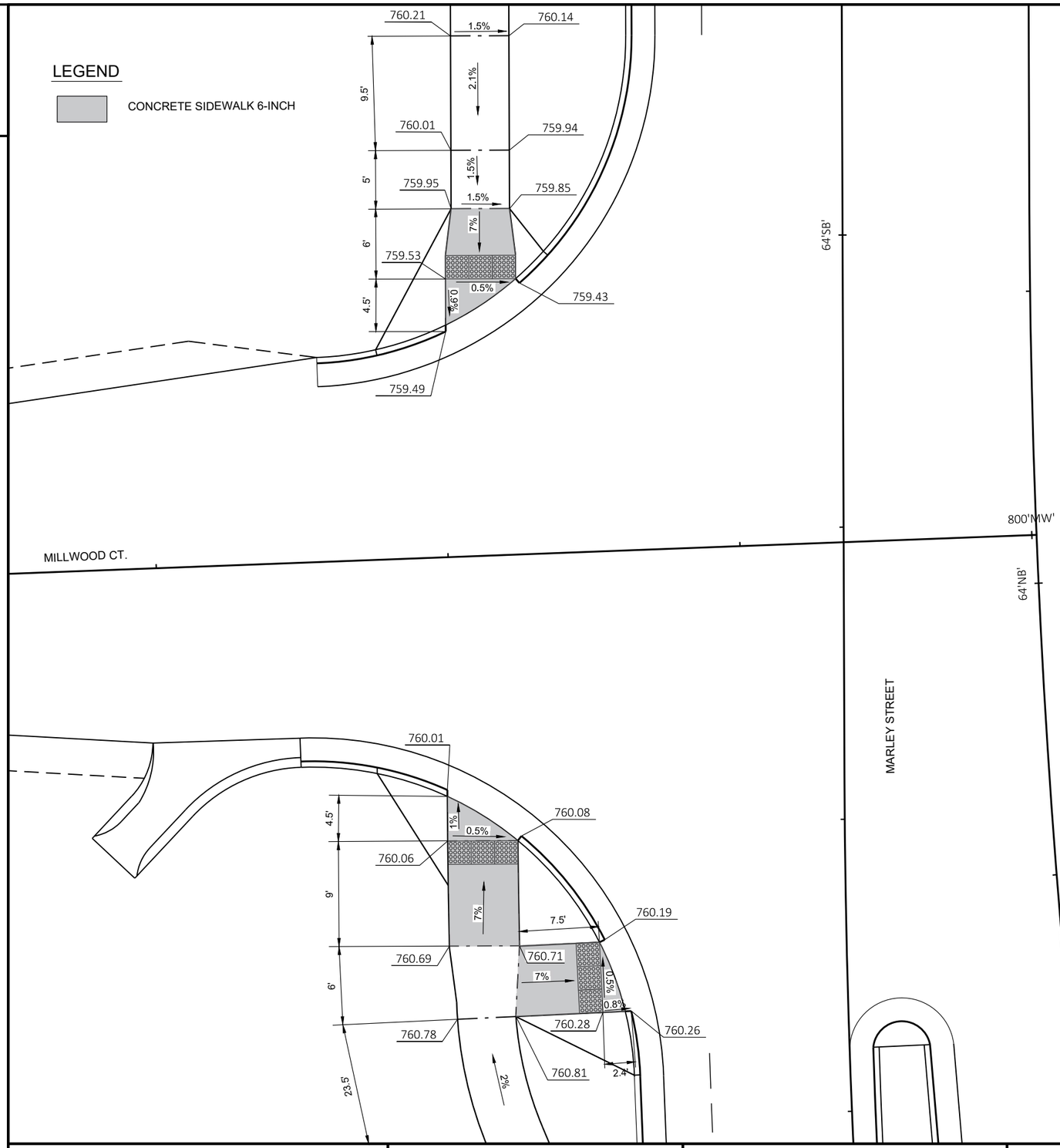


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

2

LEGEND

CONCRETE SIDEWALK 6-INCH

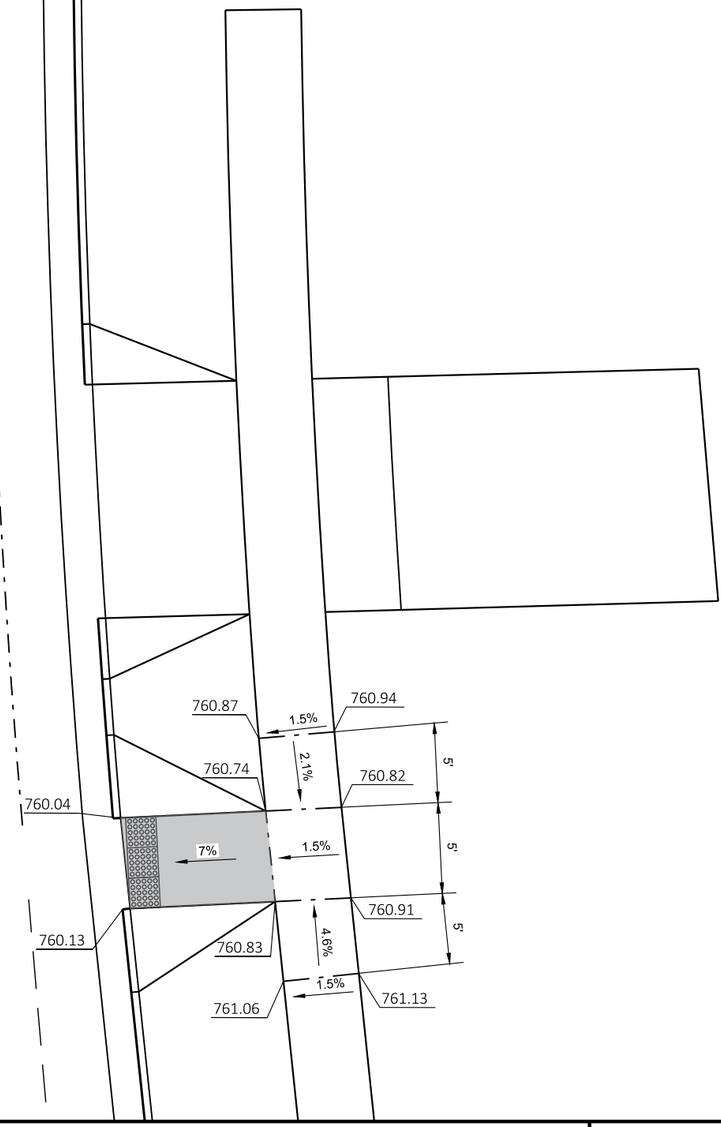


NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

N



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_140

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021514-cr
PLOT DATE : 1/22/2020 7:49 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

CONCRETE SIDEWALK 6-INCH

N

610'EGW'

EVERGREEN AVE.

610'EGE'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_141

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021515-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

CONCRETE SIDEWALK 6-INCH

611'EGW'

611'EGE'

EVERGREEN AVE.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_142

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021516-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

623'EGW'

N

EVERGREEN AVE.

622'EGE'

623'EGE'

757.76

758.98

758.11

757.87

757.76

1.5%

4.4%

1.5%

7%

1.5%

757.67

759.05

758.20

757.78

20'

6'

CONNECTION RD.

LEGEND

CONCRETE SIDEWALK 6-INCH

NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

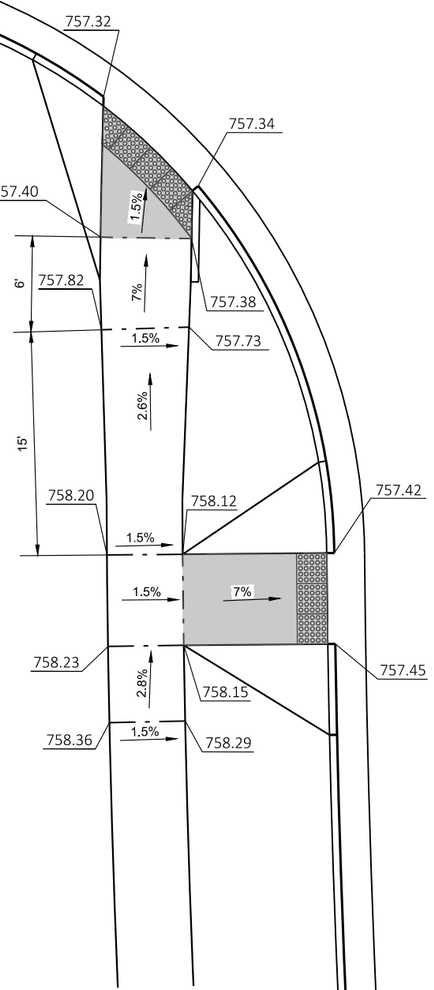
PRE_143

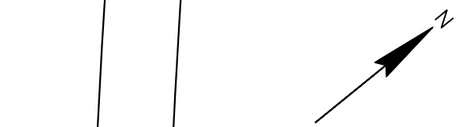
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021517-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

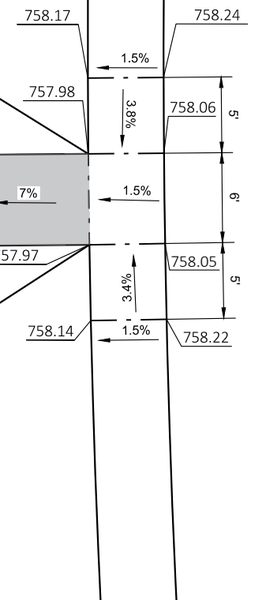
CONNECTION RD.

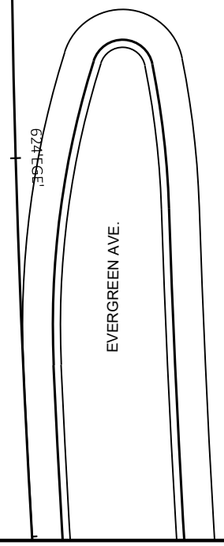




LEGEND

CONCRETE SIDEWALK 6-INCH





NOTE:
FINAL LOCATIONS OF CURB RAMP OPENINGS TO BE VERIFIED BY THE FIELD ENGINEER PRIOR TO INSTALLATION.

ELEVATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED BY THE FIELD ENGINEER AS THY MAY NEED TO BE ADJUSTED AFTER CURB & GUTTER PLACEMENT.

SLOPES MUST BE LESS THAN THE MAXIMUM ALLOWED FOR ADA COMPLIANCE.
SEE STANDARD DETAIL DRAWINGS FOR MORE INFORMATION.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021518-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

630'EGW'

EVERGREEN AVE.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_145

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021519-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

631'EGE'

631'EGW'

EVERGREEN AVE.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CURB RAMP DETAILS	SHEET E

PRE_146

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021501-CR.DWG
LAYOUT NAME - 021520-cr

PLOT DATE : 1/22/2020 7:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

LEGEND

FTMS CONVENTIONAL SYMBOLS

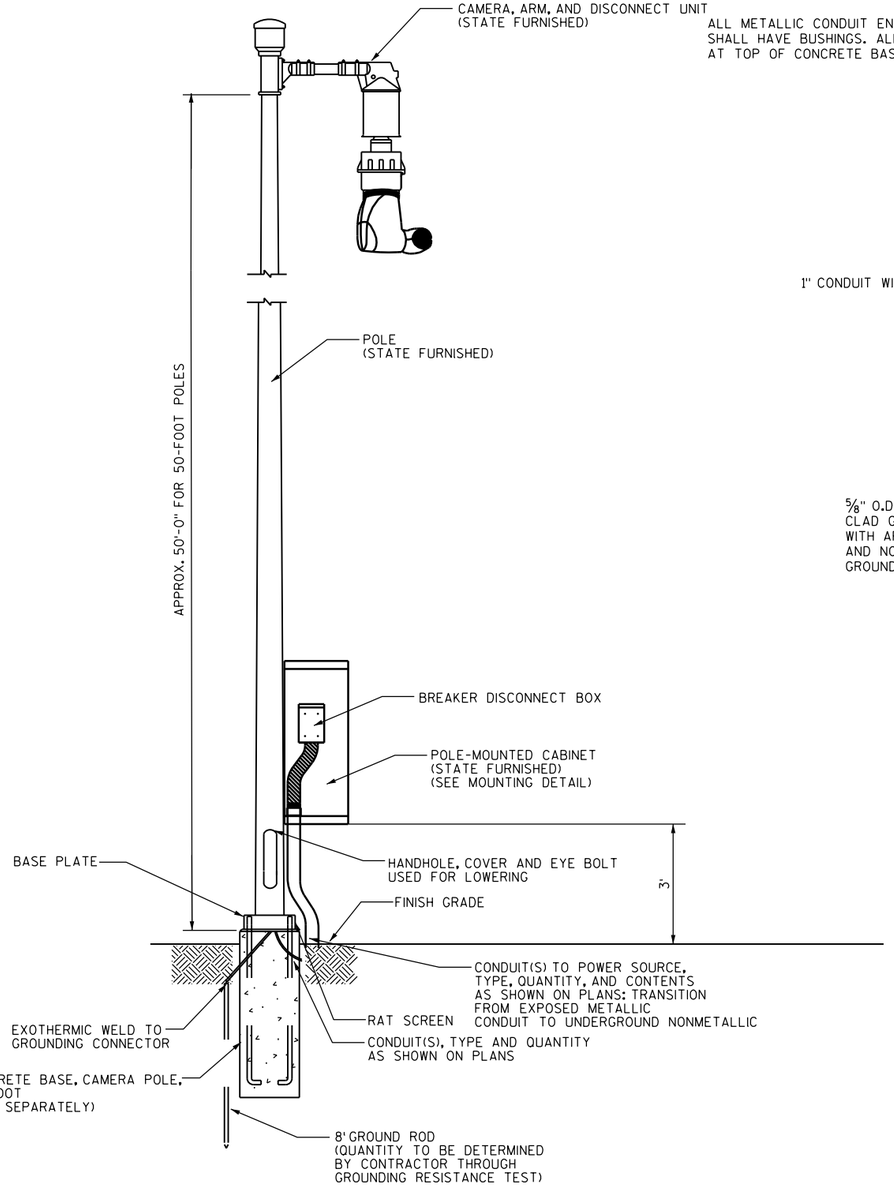
	PROPOSED
POLE MOUNTED CABINET	
METER BREAKER PEDESTAL	
24X42-INCH CSCP PULL BOX	
FTMS (ITS) CONDUIT	
BREAKER DISCONNECT BOX	
COMMUNICATIONS VAULT, TYPE 1	
CCTV CAMERA AND POLE	CAMERA ORIENTATION

FTMS STANDARD ABBREVIATIONS

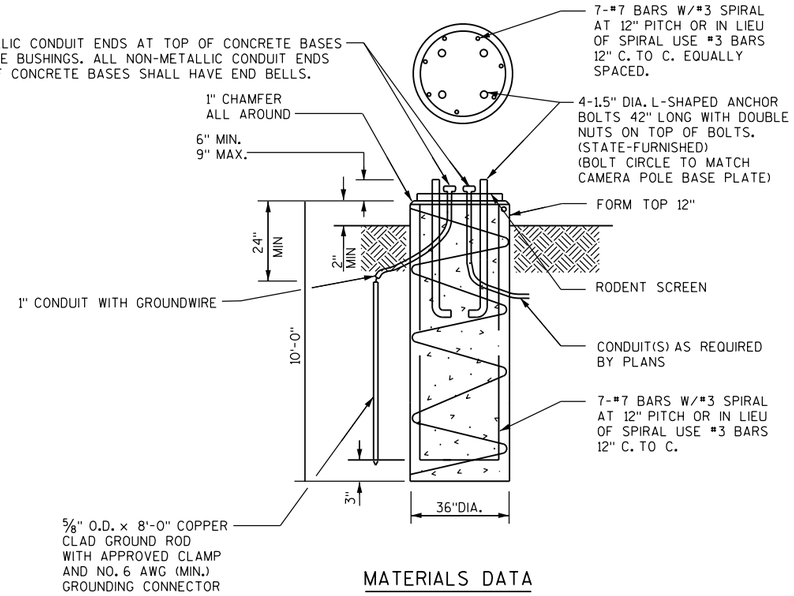
CB	CONTROLLER CABINET
CCTV	CLOSED CIRCUIT TELEVISION SITE
CV	COMMUNICATIONS VAULT
PB	PULL BOX
EX	EXISTING
SDS	SYSTEM DETECTOR STATION
FOC	FIBER OPTIC CABLE
F.O.	FIBER OPTIC
MD	MICROWAVE DETECTOR
S-F	STATE-FURNISHED
DMS	DYNAMIC MESSAGE SIGN

FTMS GENERAL NOTES

1. THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.
2. BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.
3. BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.
4. NO TREES (AND/OR SHRUBS) SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
5. AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND EROSION MAT, AND SHALL BE INCLUDED IN THE COST OF INSTALLING FTMS ITEMS. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION SHALL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS.
6. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
7. DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.
8. THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.
9. THE CONTRACTOR SHALL CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.
10. ALL LOOP DETECTORS ARE STATIONED TO CENTER OF LEADING EDGE AS APPROACHED BY NORMAL VEHICLE PATH.
11. HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.
12. VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.



CAMERA POLE WITH CAMERA LOWERING HARDWARE

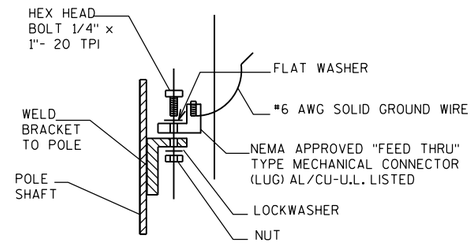


MATERIALS DATA

CONCRETE	f'c=3,500 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT	fy = 60,000 psi

CONCRETE BASE, 50' CAMERA POLE

NOT TO SCALE



FIELD INSTALLED GROUNDING LUG

NOTES

1) ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL
2) POLE DRAWINGS SHOWN FOR BIDDING INFORMATION PURPOSES ONLY. POLES WILL BE STATE FURNISHED. BASE TO BE CONTRACTOR DESIGNED.
3) CONTRACTOR SHALL CONFIRM BOLT PATTERN OF CAMERA POLE PRIOR TO CONSTRUCTION OF CONCRETE BASE.
4) CONTRACTOR SHALL INSTALL GROUNDING LUG AS SHOWN

CAMERA POLES & FOUNDATIONS

PROJECT NO: 9200-10-72	HWY: STH 32 / 29	COUNTY: BROWN	FTMS CONSTRUCTION DETAILS	SHEET E

PRE_148

2

2

EXISTING LIGHTING CABINET LO5-2025
CONNECT POWER WIRES TO LIGHTING
METER PEDESTAL ON A NEW
SEPARATE CIRCUIT BREAKER

MARLEY STREET

(1) 2-INCH NONMETALLIC CONDUIT WITH
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

PBVV01

(1) 2-INCH NONMETALLIC CONDUIT WITH
(3) NO. 6 AWG TRAFFIC SIGNAL WIRES

(2) 2-INCH NONMETALLIC CONDUITS
(1) WITH (1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE
(1) WITH (3) NO. 6 AWG TRAFFIC SIGNAL WIRES

CVVV01 (BROWN COUNTY FIBER OPTIC NETWORK)
(4) F.O. SPLICES

PBVV02
(1) TRACER WIRE MARKER POST TO BE
INSTALLED ADJACENT TO PULL BOX

(1) 2-INCH METALLIC CONDUIT WITH
(3) NO. 6 AWG TRAFFIC SIGNAL WIRES

CONDUIT AND FIBER OPTIC CABLE CONSTRUCTION
DESIGN SHOWED IN BROADBAND FIBER PLAN
SECTION OF PLANSET

(1) 2-INCH NONMETALLIC CONDUIT WITH
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

NEW CR VV/TRIANGLE DRIVE

STH 29/STH 32

258EB 260EB 262EB 264EB 266EB 268EB 270EB 272EB

STH 29/STH 32

CCTV-05-0113
(1) 50-FOOT CCTV POLE (S-F)
(1) 50-FOOT CCTV POLE CONCRETE BASE
(1) CCTV CAMERA (S-F)
(1) POLE MOUNTED CABINET (S-F)
(1) BREAKER DISCONNECT BOX
(1) 6-COUNT F.O. TERMINATION PANEL (S-F)
(1) ETHERNET SWITCH (S-F)
(6) F.O. TERMINATIONS

NORTH OVERLAND ROAD

VV/TRIANGLE DRIVE

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	FTMS DESIGN SHEETS	SHEET E

PRE_149

FILE NAME : \\mlww400\ingrproj\68581\base\brown\29001071_29_vv_cctv.dgn PLOT DATE : 1/22/2020 PLOT BY : PKutz PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

N

CTH FF / SHERWOOD STREET

SUBSTATION

SIGN

STH 29/STH 32

380EB

382EB

384EB

386EB

388EB

390EB

392EB

394EB

STH 29/STH 32

SIGN

EX-CCTV-05-0075
(1) 6-COUNT F.O. TERMINATION PANEL (S-F)
(6) F.O. TERMINATIONS

IN EXISTING CONDUIT
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

IN EXISTING CONDUIT
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

EXPBFF02
(1) TRACER WIRE MARKER POST TO BE
INSTALLED ADJACENT TO PULL BOX

EXPBFF01
(1) INSTALL PROPOSED CONDUIT
INTO EXISTING PULL BOX

(1) 2-INCH NONMETALLIC CONDUIT, SPECIAL WITH
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRAFFIC SIGNAL WIRE

CVFF01 (BROWN COUNTY FIBER OPTIC NETWORK)
(4) F.O. SPLICES

CONDUIT AND FIBER OPTIC CABLE CONSTRUCTION
DESIGN SHOWED IN BROADBAND FIBER PLAN
SECTION OF PLANSET

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	FTMS DESIGN SHEETS	SHEET E

PRE_150

FILE NAME : \\mlww400\ingrproj\68581\base\brown\29001071_29_vv_cctv.dgn PLOT DATE : 1/22/2020 PLOT BY : PKutz PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

(1) 2-INCH NONMETALLIC CONDUIT, SPECIAL (UNDER SIDEWALK) WITH
(1) 12-COUNT FOC (S-F) AND
(1) NO. 10 AWG TRACER WIRE

EXCVCR02 (WISDOT FIBER OPTIC NETWORK)
(1) INSTALL PROPOSED CONDUIT INTO EXISTING VAULT
(4) F.O. SPLCES
(1) F.O. SPLICE ENCLOSURE (S-F)
(1) TRACER WIRE MARKER POST TO BE INSTALLED ADJACENT TO PULL BOX

EXCVCR01 (BROWN COUNTY FIBER OPTIC NETWORK)
(1) INSTALL PROPOSED CONDUIT INTO EXISTING VAULT
(4) F.O. SPLICES
(1) F.O. SPLICE ENCLOSURE (S-F)

CEDAR RIDGE
NORTH ROAD
ORLANDO DRIVE
I 41
640NB
642NB
644NB
646NB
648NB
650NB
652NB
654NB
PILGRIM WAY
CORMIER ROAD
MARLEE LANE
CARSTENSEN LANE
NOVA LANE
GILSON COURT
SIGN
INL
MH
POOL
N

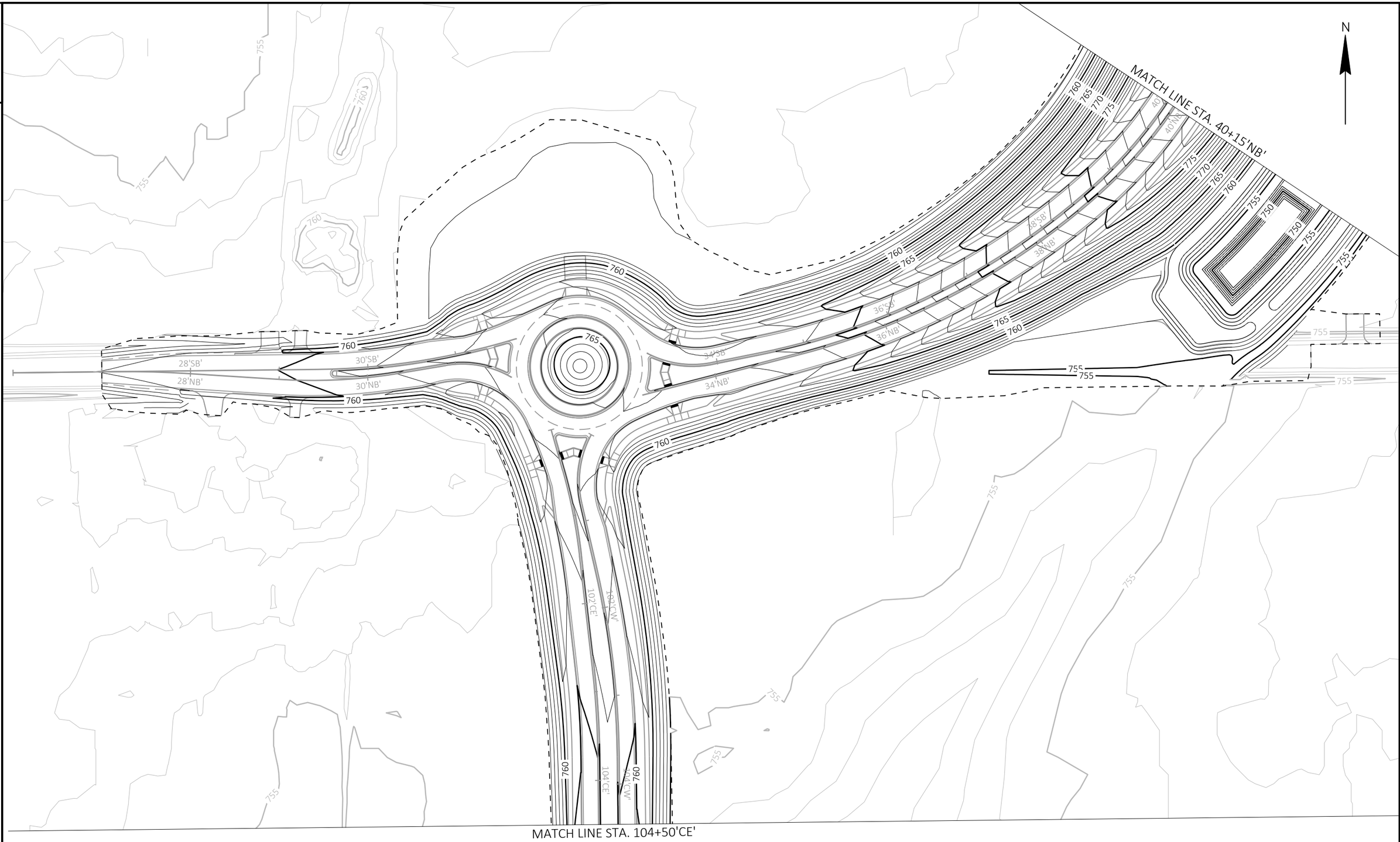
AS-BUILTS INFORMATION SOURCE
PROJECT DESIGN FILES
LET: 07/23/2013 / ID: 1133-09-71

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	FTMS DESIGN SHEETS	SHEET E

FILE NAME : \\mlww400\ingrproj\68581\base\brown\29001071_29_vv_cctv.dgn PLOT DATE : 1/22/2020 PLOT BY : PKutz PLOT NAME : PLOT SCALE : 100:1

PRE_151

WISDOT/CADDS SHEET 42



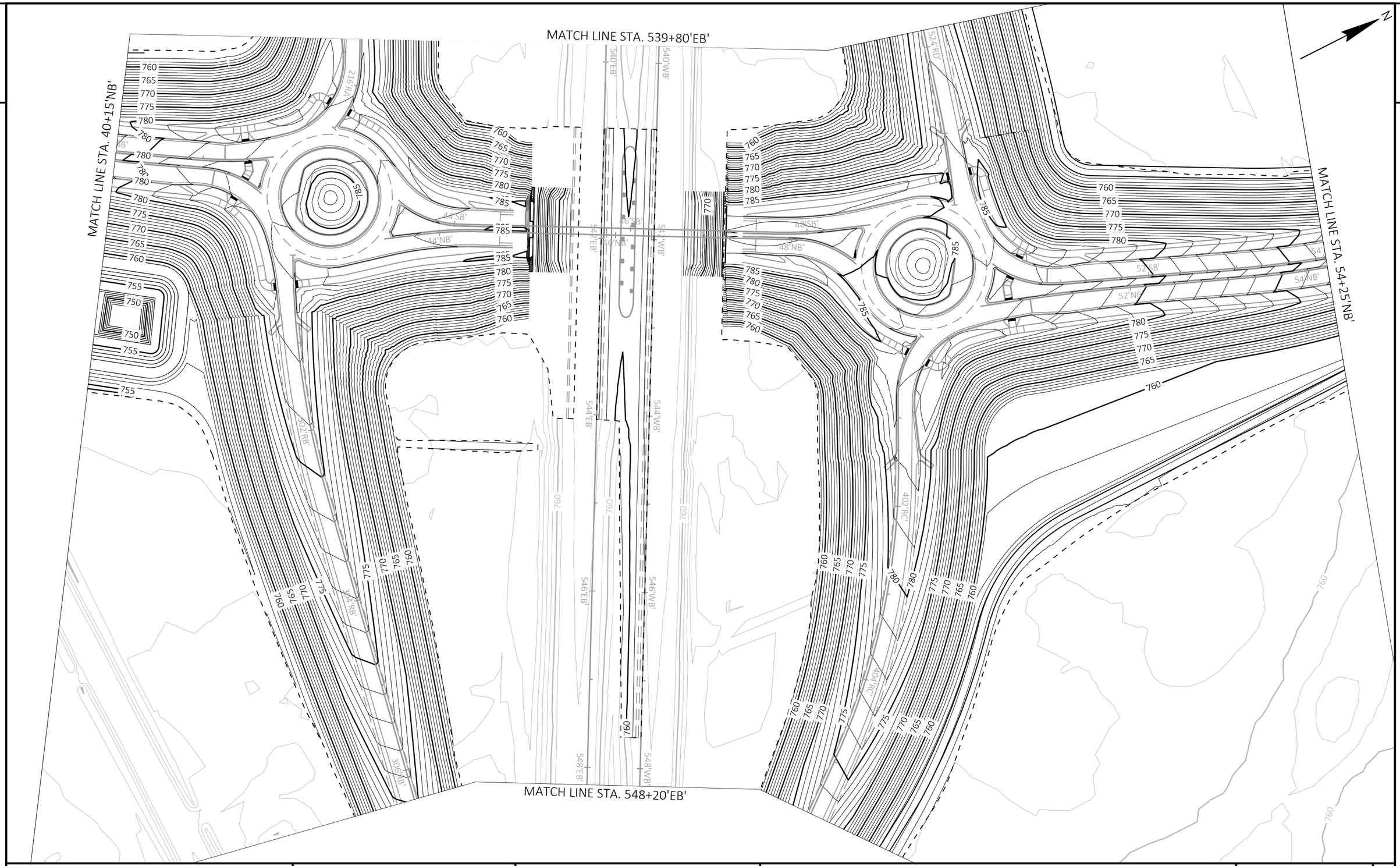
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021701 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_152

WISDOT/CADDS SHEET 42



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS CTH VV/MARLEY ST.	SHEET E

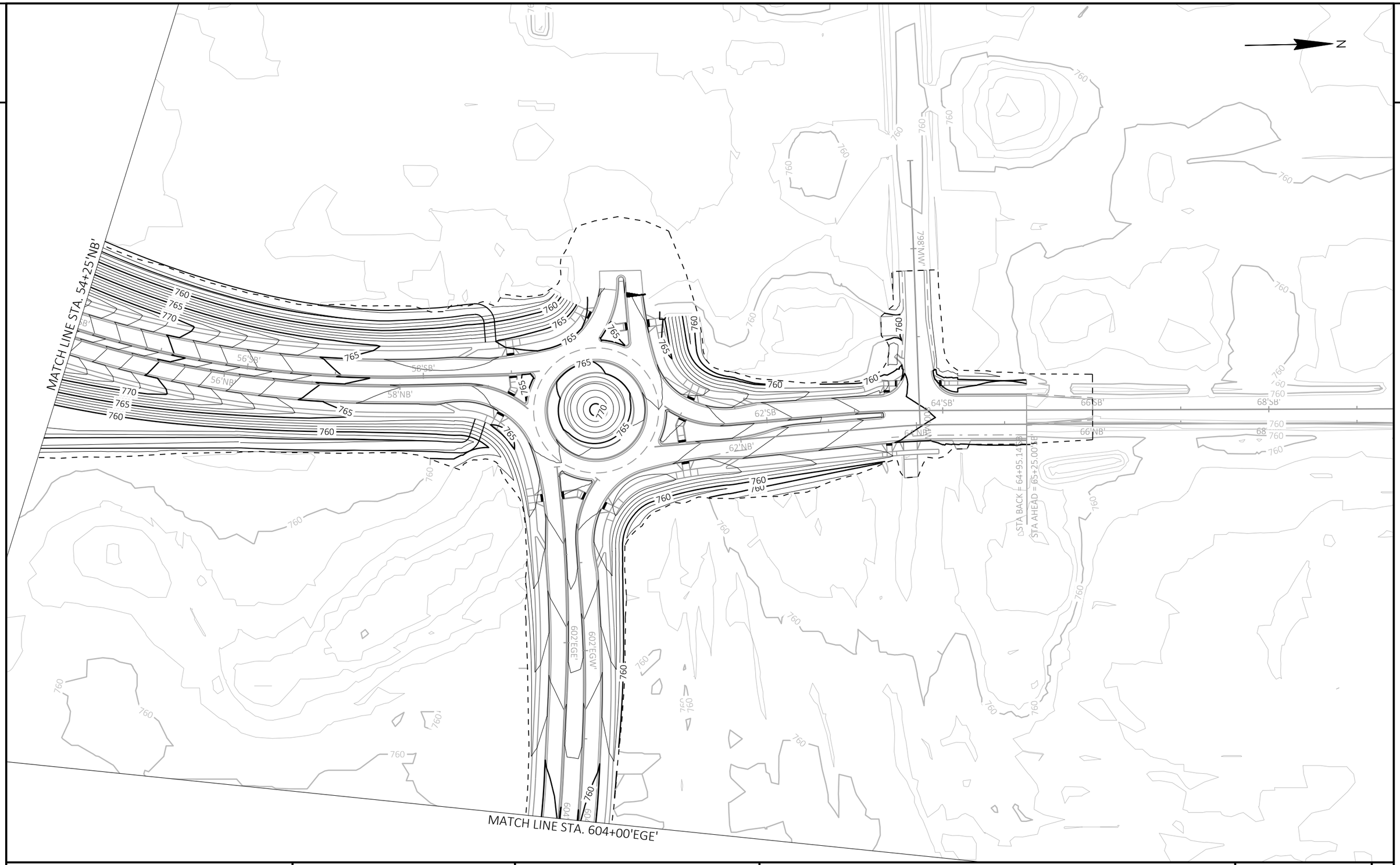
PRE_153

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 201702 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

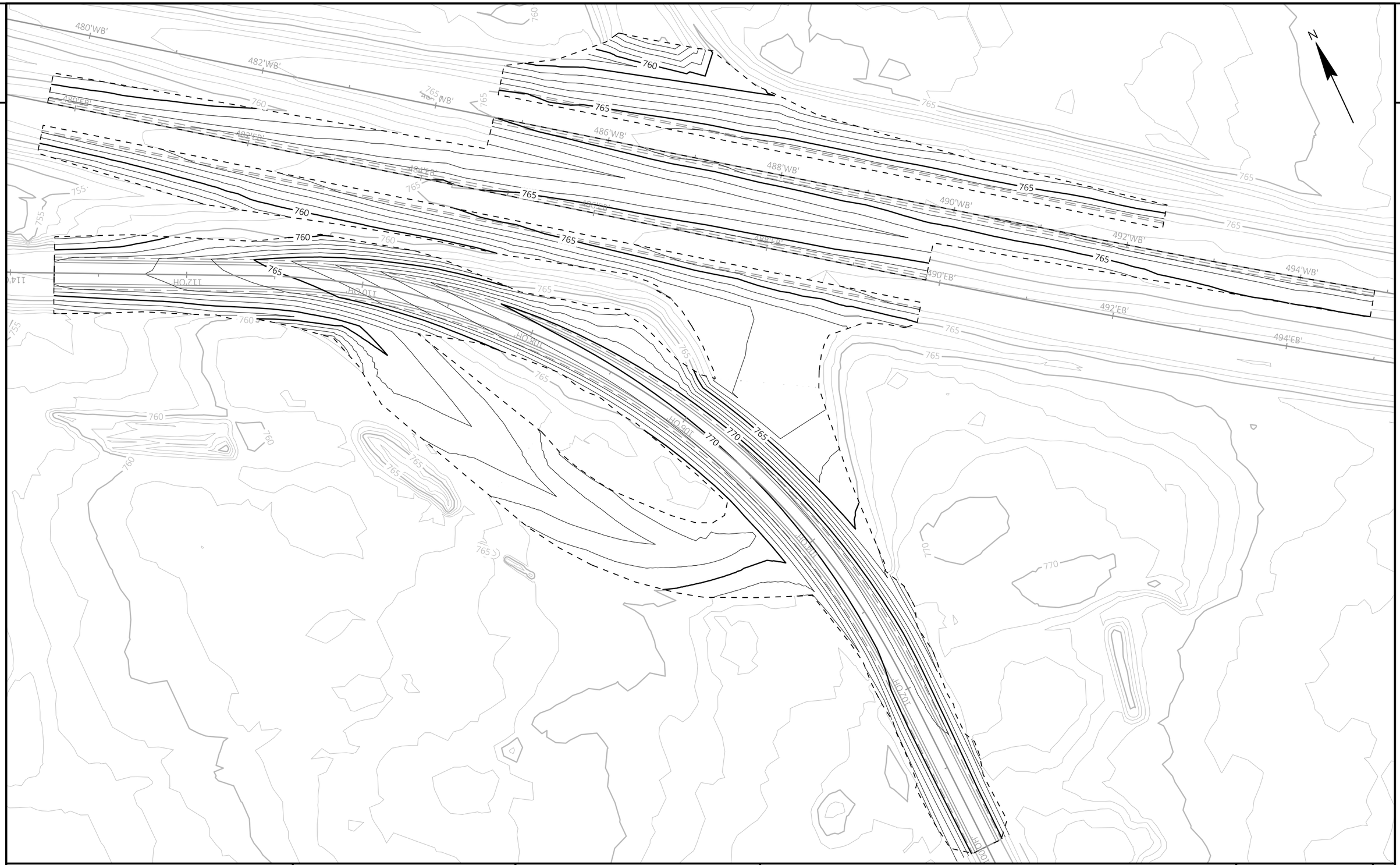


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS MARLEY ST.	SHEET E

PRE_154

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021703 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021704 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_155

WISDOT/CADDS SHEET 42

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS STH 29	SHEET E

PRE_156

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021705 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

MATCH LINE STA. 525+40'EB'

MATCH LINE STA. 539+80'EB'

755' 755 760 765 770 775 780

510'RD' 512'RD' 514'RD' 516'RD' 518'RD' 520'RD' 522'RD'

526'WB' 528'WB' 530'WB' 532'WB' 534'WB' 536'WB' 538'WB'

526'EB' 528'EB' 530'EB' 532'EB' 534'EB' 536'EB' 538'EB'

202'RA' 204'RA' 206'RA' 208'RA' 210'RA' 212'RA' 214'RA'

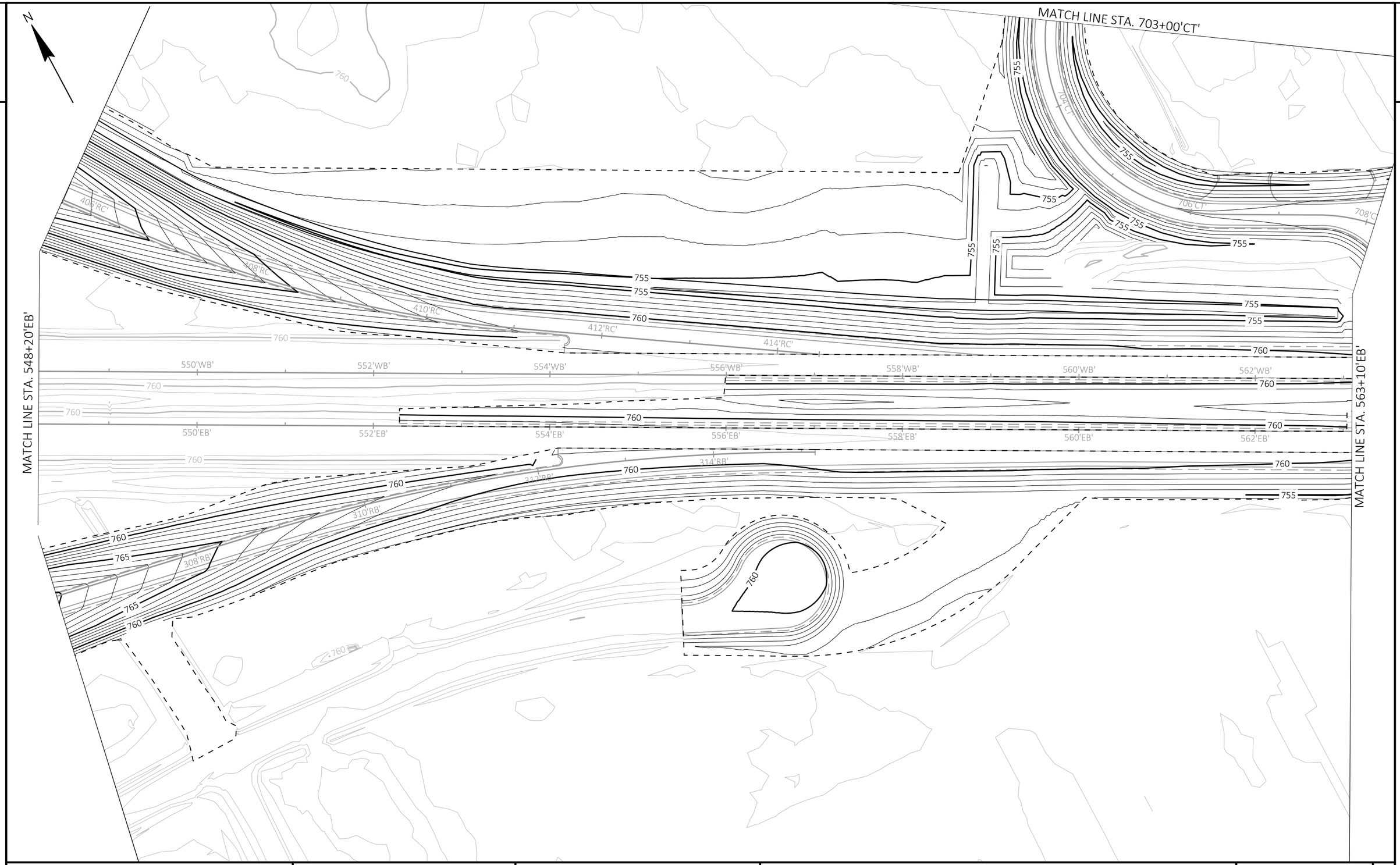
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS STH 29	SHEET E

PRE_157

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021706 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS STH 29	SHEET E

PRE_158

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021707 cm

PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



2

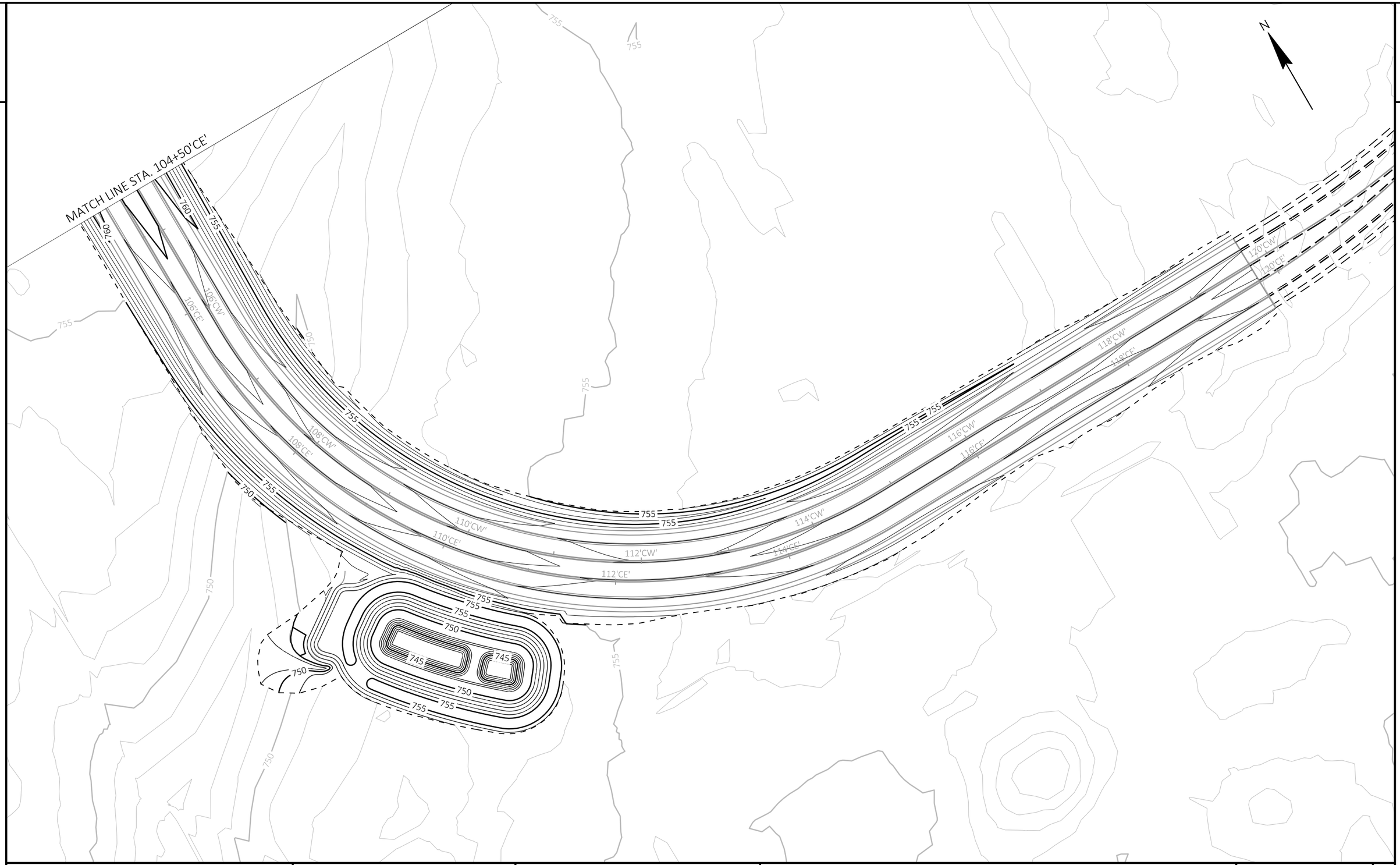
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021708 cm

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS CENTERLINE DR.	SHEET E

PRE_160

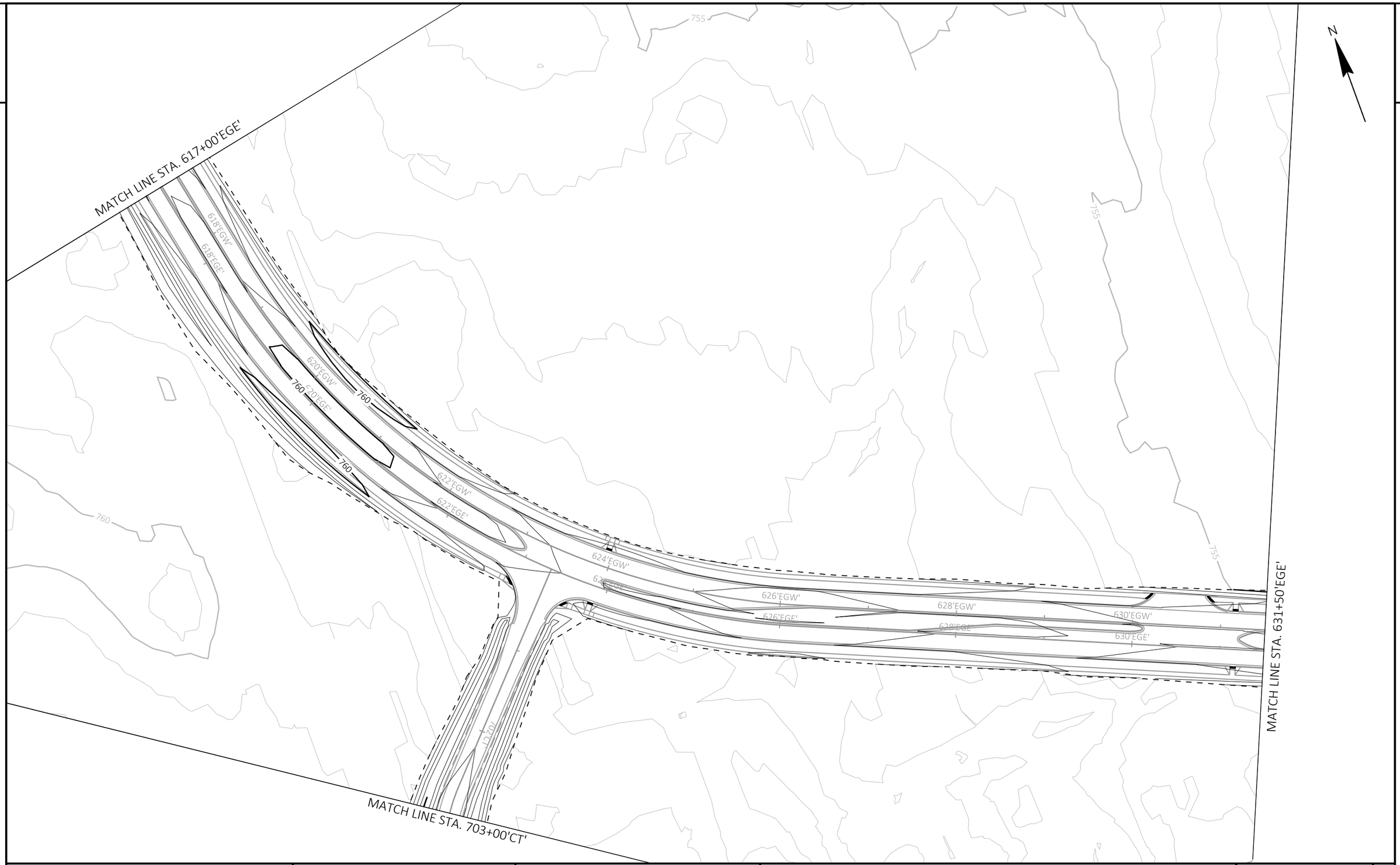
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021709 cm

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

760
760
760

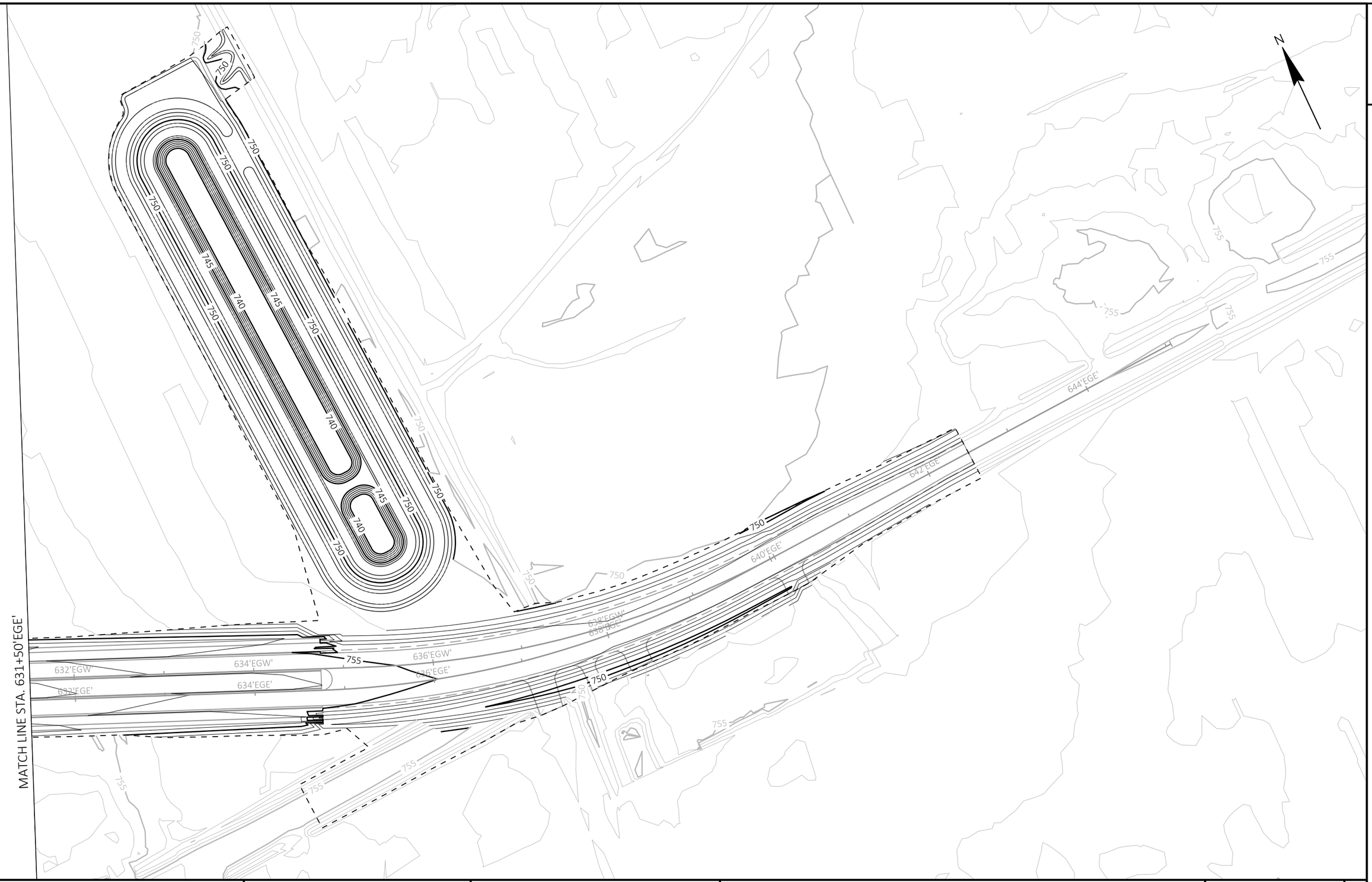


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021711 cm

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

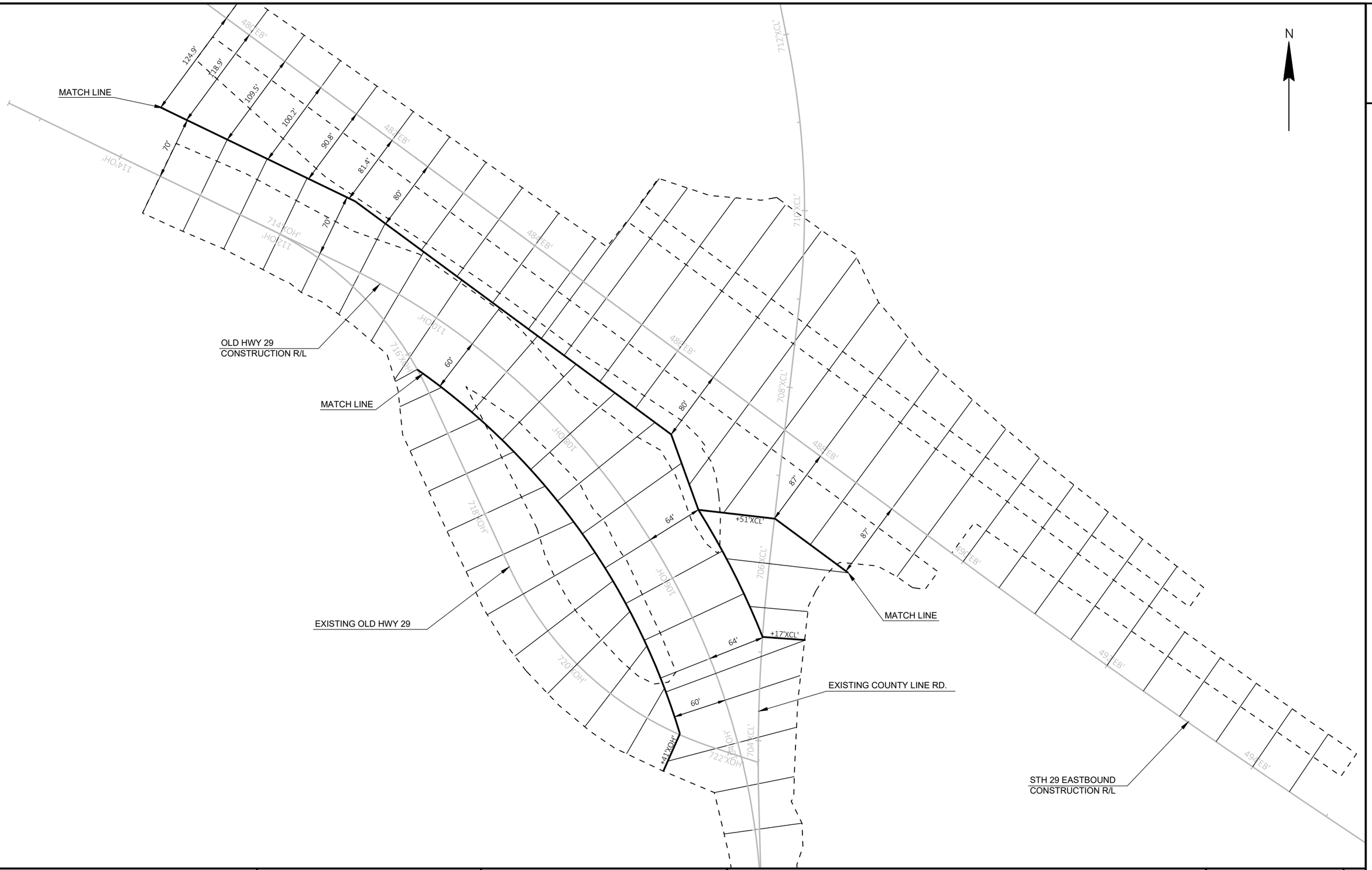


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CONTOUR MAPS EVERGREEN AVE.	SHEET E

PRE_163

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021701-CM.DWG
LAYOUT NAME - 021712 cm

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTION MATCHLINES	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - XM1

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_164

WISDOT/CADDS SHEET 42

2

2

N

RAMP 'C'
CONSTRUCTION R/L

MATCH LINE

EXISTING MARLEY ST.

MATCH LINE

EVERGREEN AVE. EASTBOUND
CONSTRUCTION R/L

RAMP 'B'
CONSTRUCTION R/L

MATCH LINE

CONNECTION RD.
CONSTRUCTION R/L

TRIANGLE DR.
CONSTRUCTION R/L

EXISTING TRIANGLE DR.

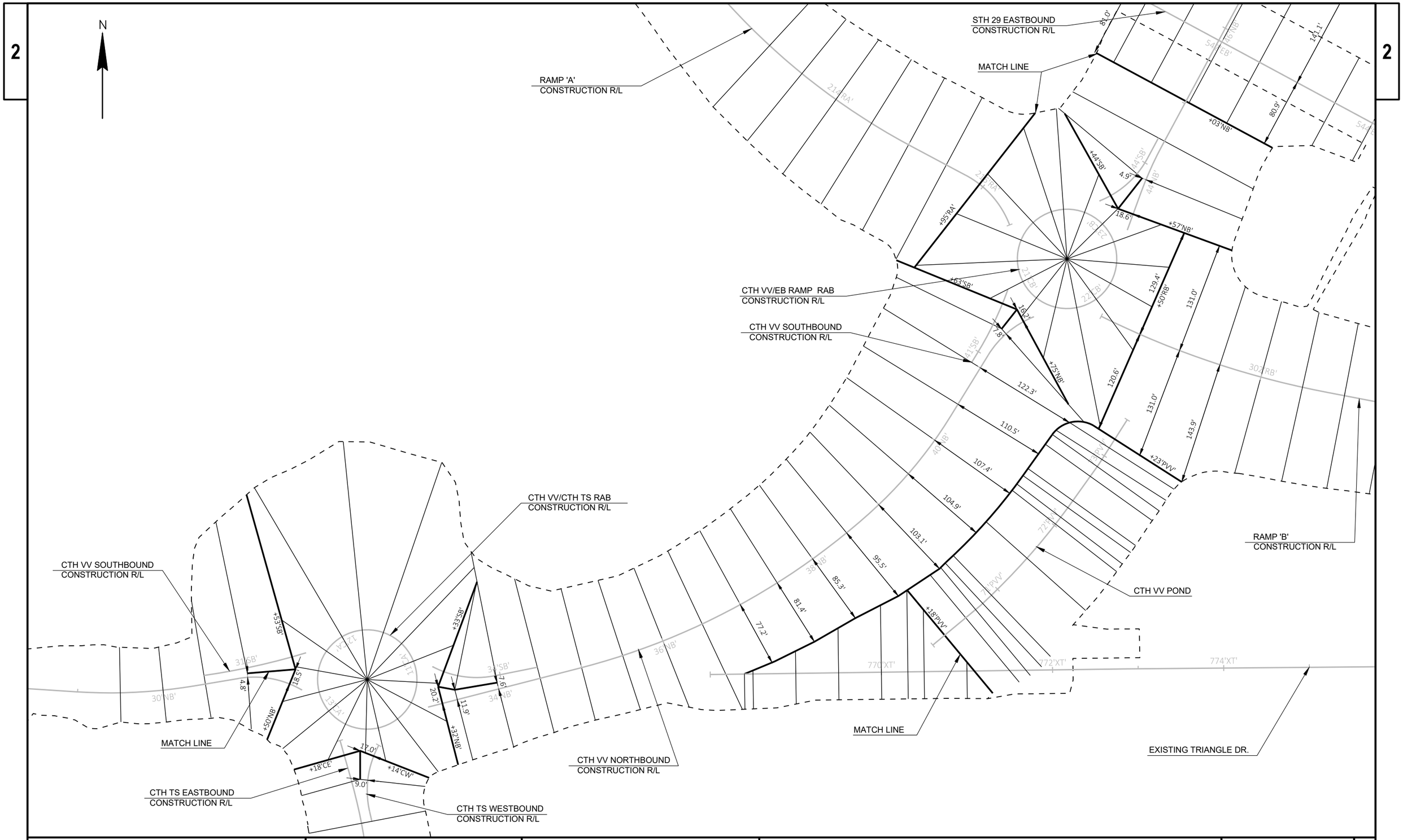
STH 29 EASTBOUND
CONSTRUCTION R/L

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTION MATCHLINES	SHEET E

PRE_165

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - XM2

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTION MATCHLINES	SHEET E

PRE_166

2

2

RAMP 'D'
CONSTRUCTION R/L

MATCH LINE

MARLEY ST. SOUTHBOUND
CONSTRUCTION R/L

MARLEY ST. NORTHBOUND
CONSTRUCTION R/L

MATCH LINE

MARLEY ST. NORTHBOUND
CONSTRUCTION R/L

MATCH LINE

EVERGREEN AVE. EASTBOUND
CONSTRUCTION R/L

MARLEY ST. DITCH

STH 29 EASTBOUND
CONSTRUCTION R/L

RAMP 'C'
CONSTRUCTION R/L

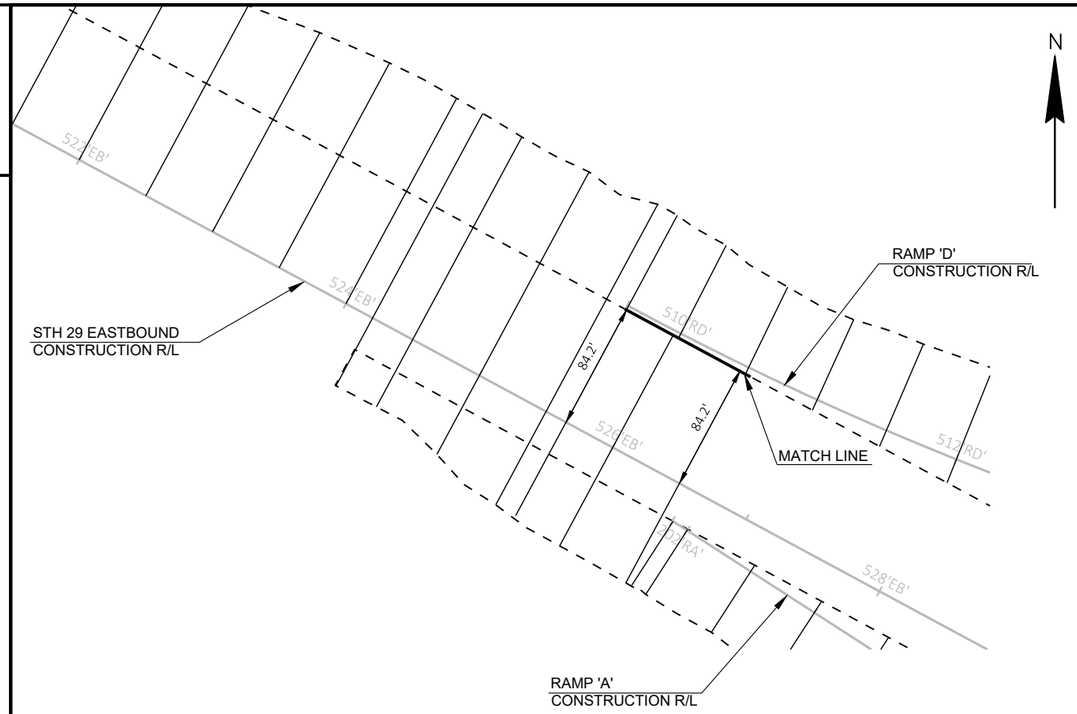
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTION MATCHLINES	SHEET E

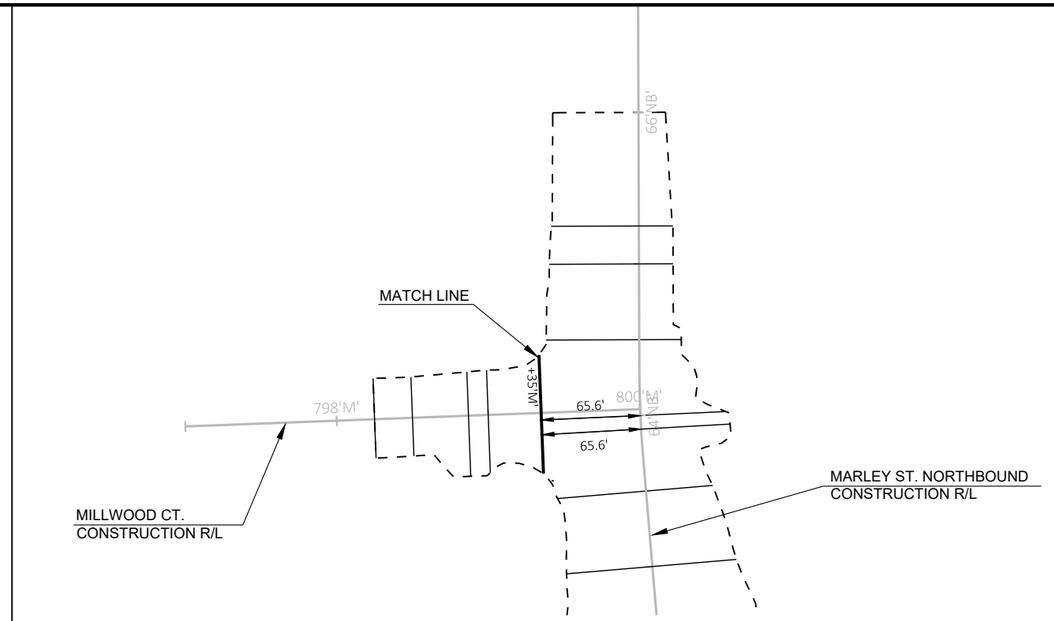
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - XM4

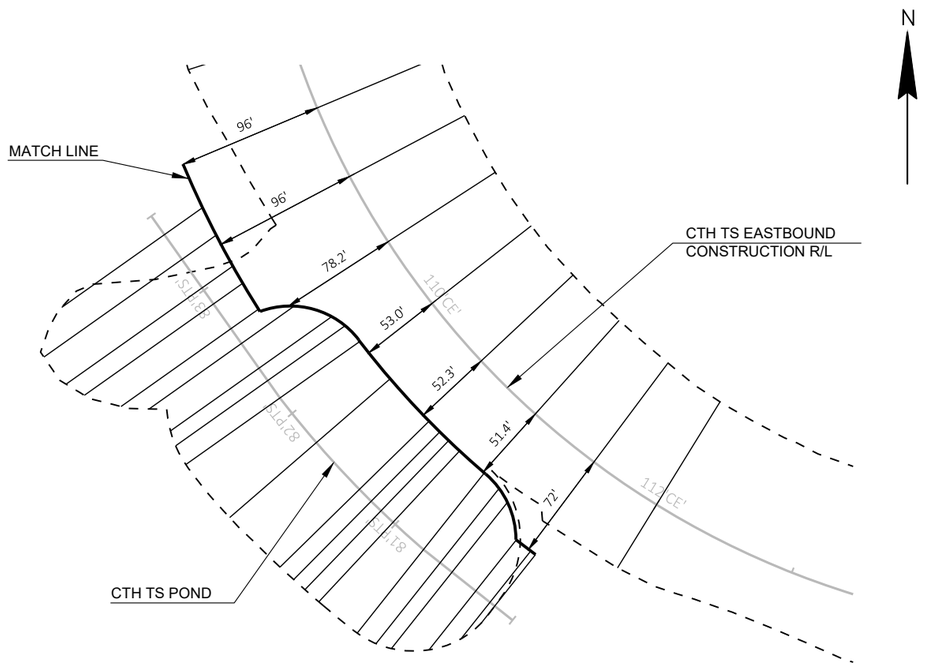
PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

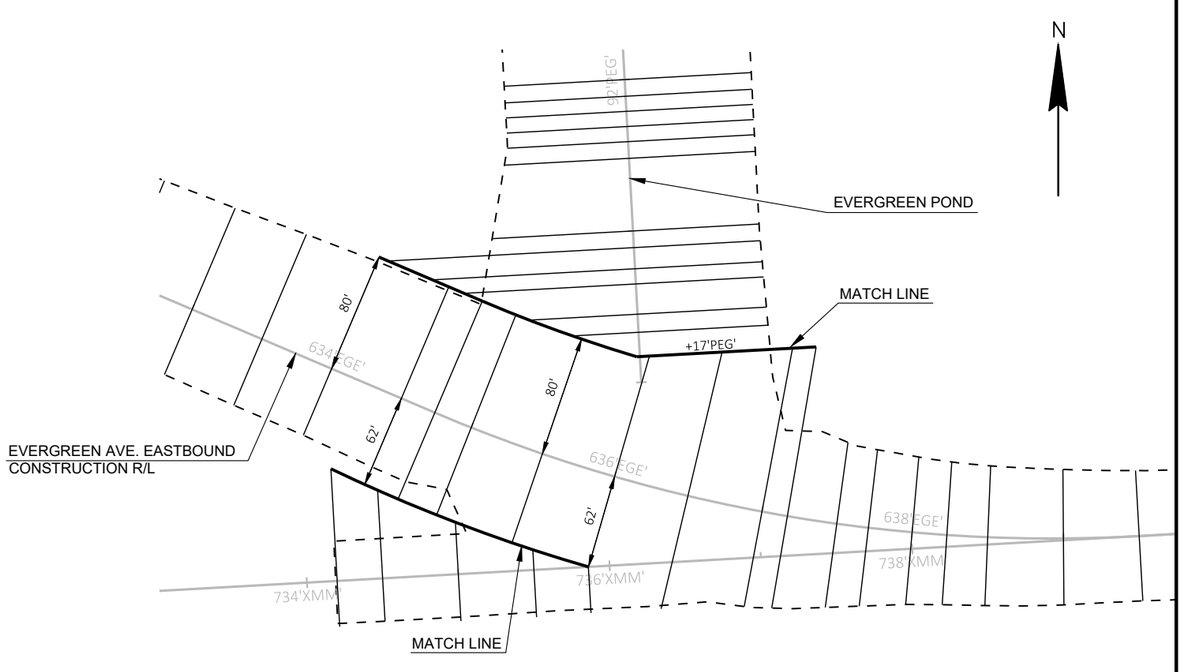
PRE_167

WISDOT/CADDS SHEET 42









PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTION MATCHLINES	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\021801-XM.DWG
LAYOUT NAME - XM5

PLOT DATE : 1/22/2020 8:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N

MATCH LINE STA. 712+00'XCL'

CTH U/COUNTY LINE RD.

LIMITS OF WETLANDS

EXISTING R/W

LIMITS OF WETLANDS

EXISTING R/W

475'WB'

STH 29/32 WESTBOUND

480'WB'

485'WB'

475'EB'

STH 29/32 EASTBOUND

480'EB'

485'EB'

LIMITS OF WETLANDS

MATCH LINE STA. 488+00'EB'

EXISTING R/W

110'OH'

TP

115'OH'

EXISTING R/W

OLD STH 29 ROAD

LIMITS OF WETLANDS

LIMITS OF WETLANDS

LIMITS OF WETLANDS

42"X60"CMP

18"CMP

LIMITS OF WETLANDS

LIMITS OF WETLANDS

EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

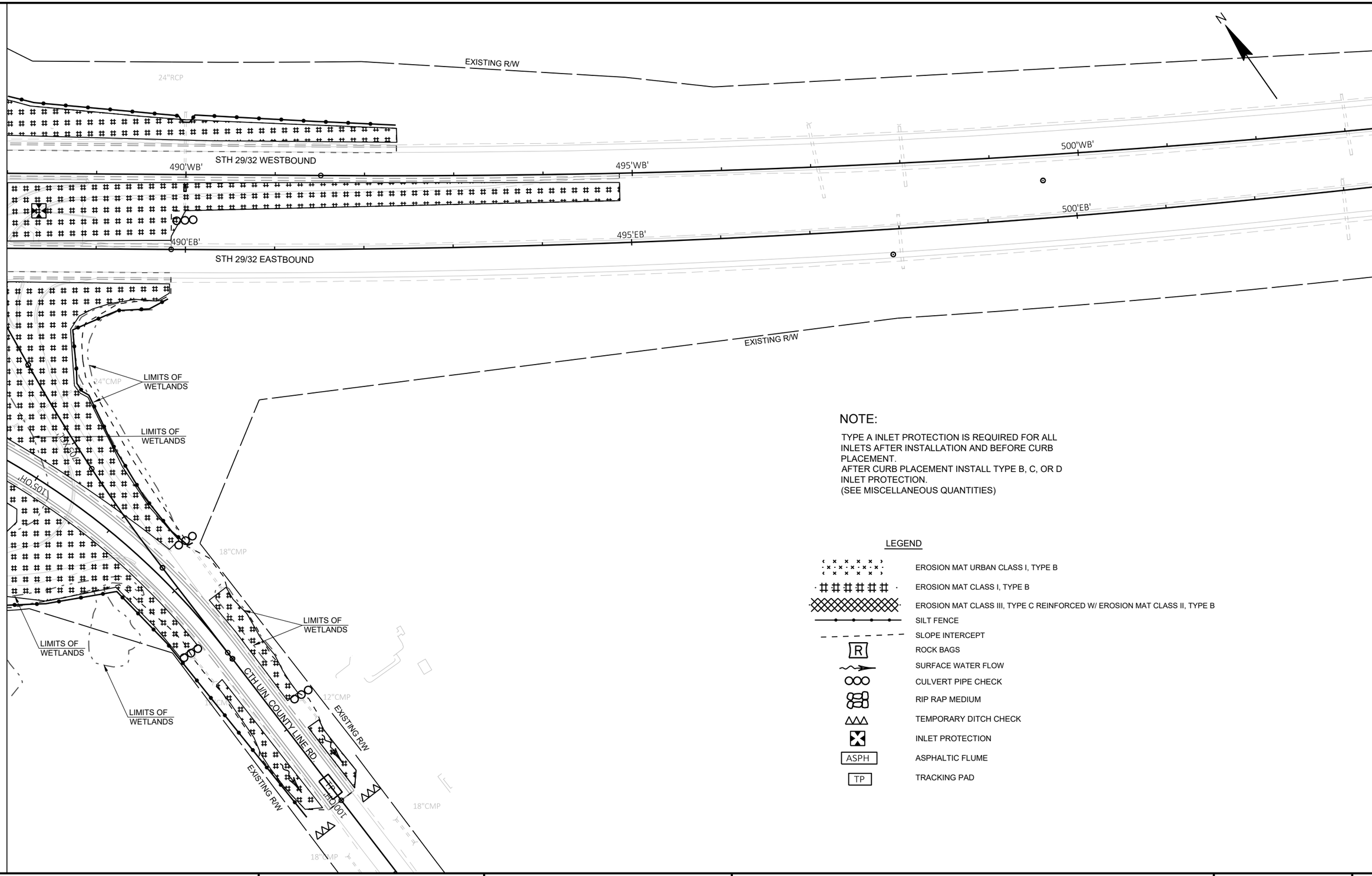
PRE_169

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022001 ec

PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022002 ec
PLOT DATE : 1/22/2020 8:48 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

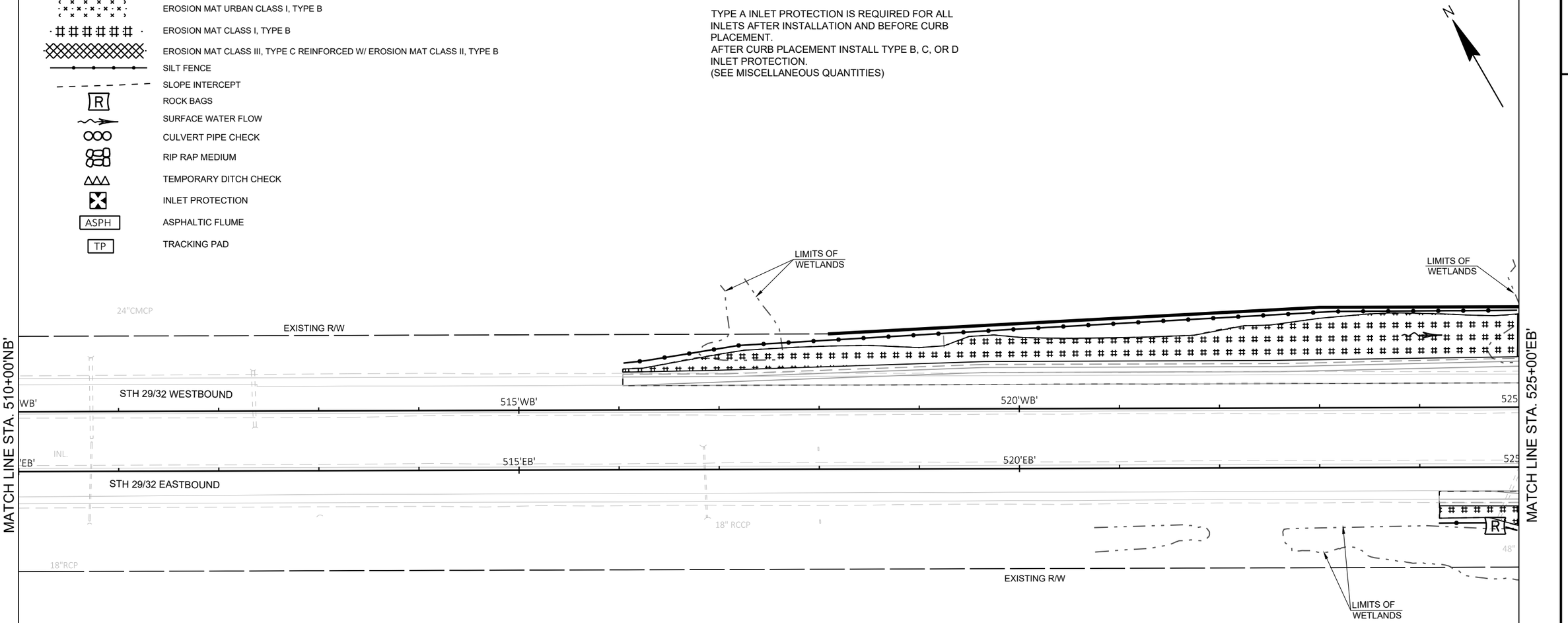
2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_171

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022003 ec
PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE STA. 525+00'EB'

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

N

LIMITS OF WETLANDS

LIMITS OF WETLANDS

LIMITS OF WETLANDS

LIMITS OF WETLANDS

NW RAMP

520'RD'

RAMP D

515'RD'

510'RD'

STH 29/32 WESTBOUND

530'WB'

535'WB'

530'EB'

535'EB'

STH 29/32 EASTBOUND

505'RA'

R

R

EXISTING R/W

RAMP A

LIMITS OF WETLANDS

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

MATCH LINE STA. 538+00'EB'
(SEE EROSION CONTROL FOR CTH VV/MARLEY STREET

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_172

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022004 ec

PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

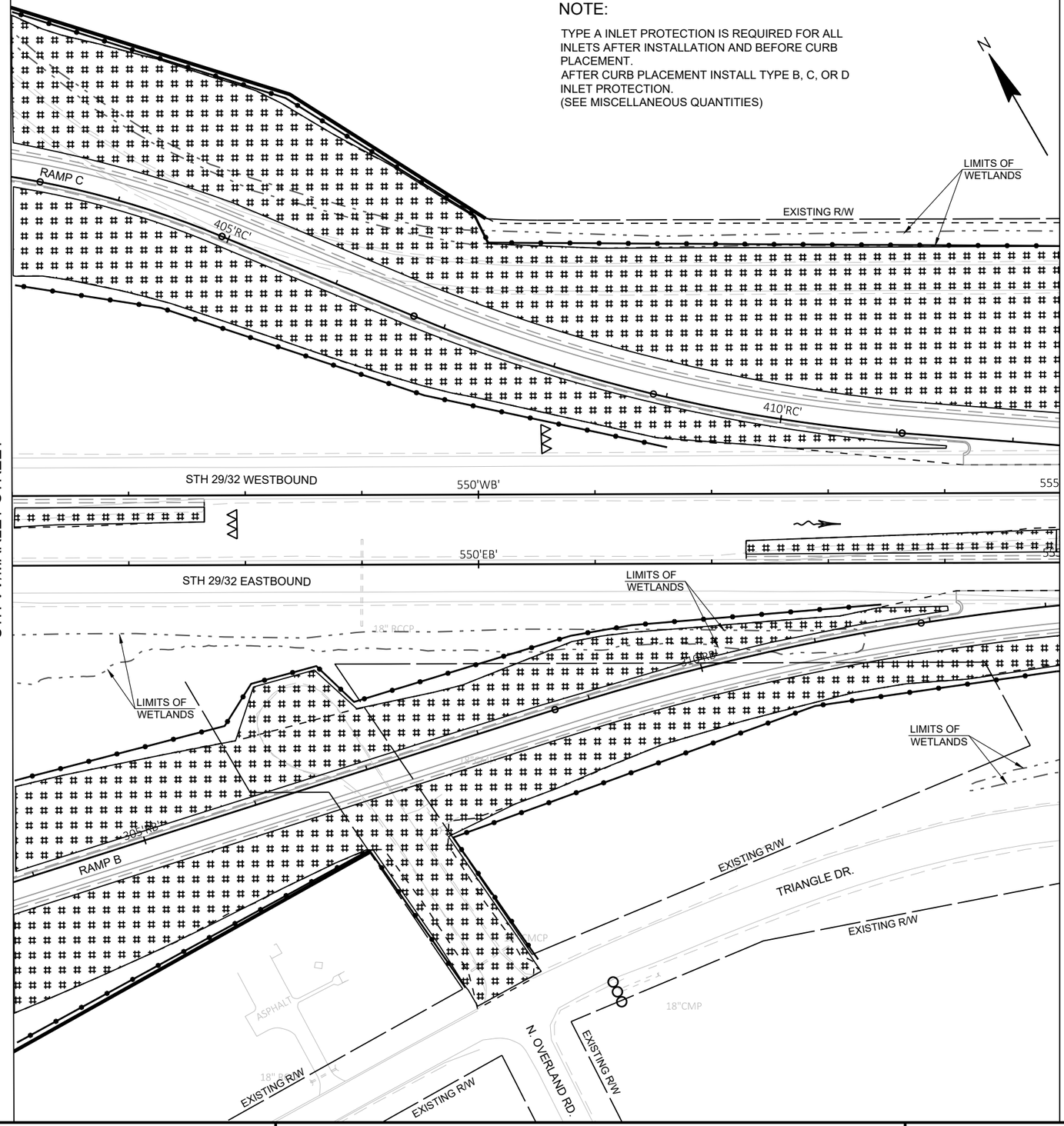
LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

MATCH LINE STA. 546+00'EB'
(SEE EROSION CONTROL FOR CTH VV/MARLEY STREET



MATCH LINE STA. 555+00'EB'

2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022005 ec

PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_173

WISDOT/CADDS SHEET 42

2

MATCH LINE STA. 702+00'CT'
(SEE EROSION CONTROL FOR EVERGREEN AVE.)

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N

LIMITS OF WETLANDS
EXISTING R/W
MILLTOWN RD.
CONNECTION RD.
RAMP C
RAMP B
STH 29/32 WESTBOUND
STH 29/32 EASTBOUND
TRIANGLE DR.
ASPHALT
18" CMCP
24" CMCP
18" RCCP
703'CT'
704'CT'
705'CT'
706'CT'
707'CT'
708'CT'
709'CT'
555'WB'
560'WB'
565'WB'
570
565'EB'
315'RB'

MATCH LINE STA. 555+00'EB'

MATCH LINE STA. 570+00'EB'

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_174

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022006 ec
PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N

MATCH LINE STA. 570+00'EB'

24"CMP

ASPHALT

EXISTING R/W

R

'WB'

STH 29/32 WESTBOUND

575'WB'

580'WB'

585'WB'

'EB'

575'EB'

580'EB'

585'EB'

STH 29/32 EASTBOUND

30" RCCP

EXISTING R/W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_175

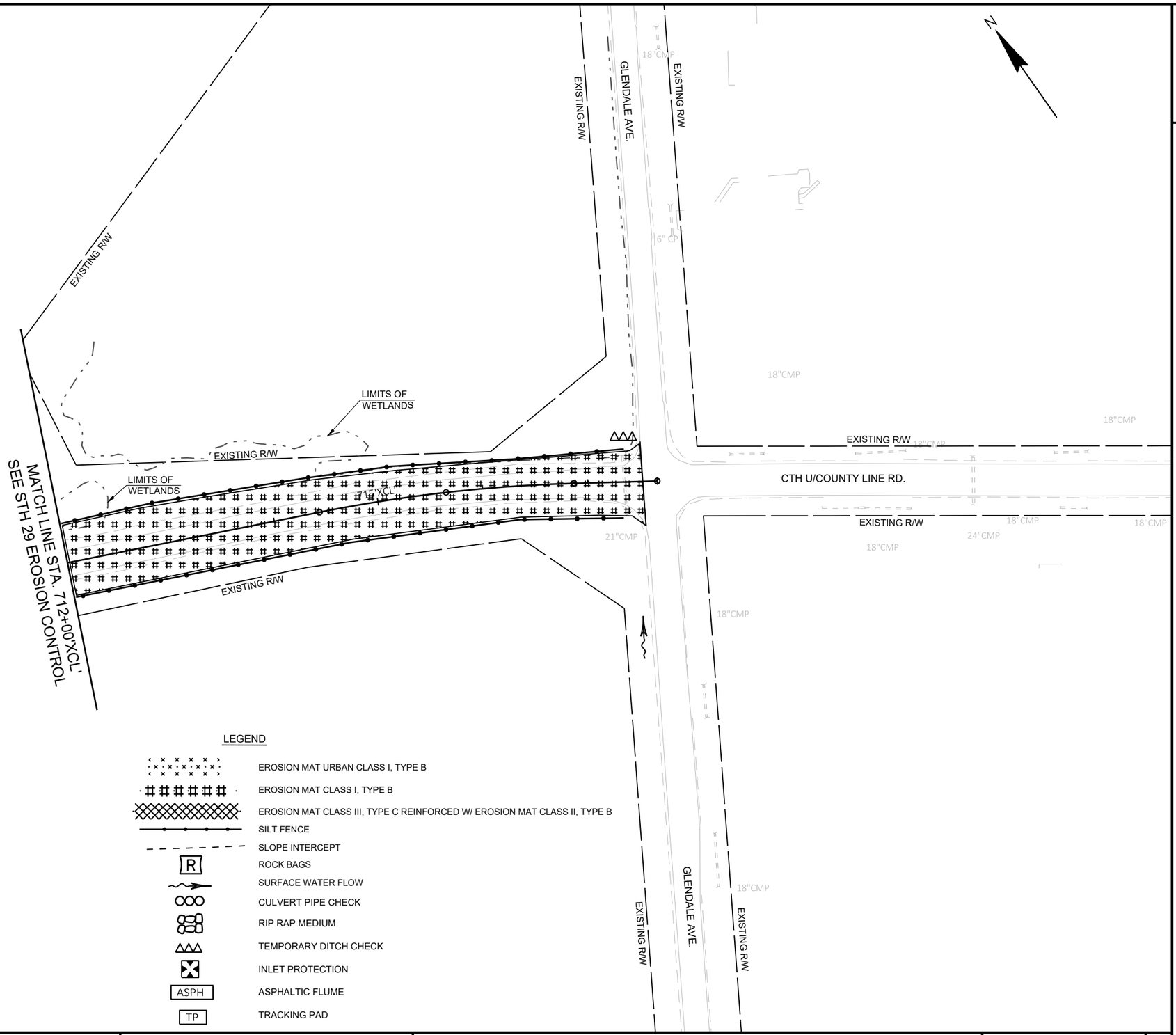
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022001-ECEB.DWG
LAYOUT NAME - 022007 ec

PLOT DATE : 1/22/2020 8:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL-CTH U	SHEET E

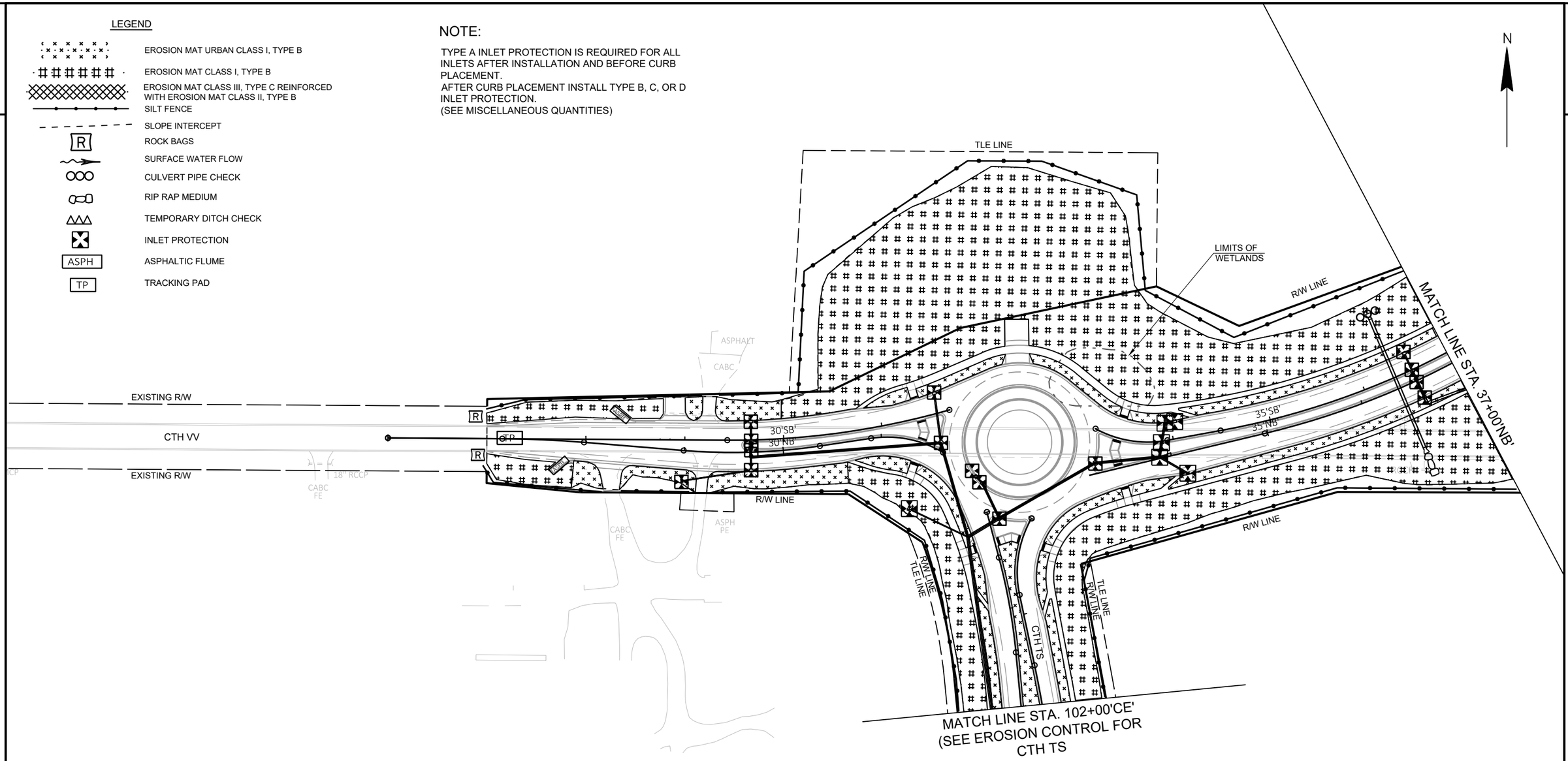
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022002-ECU.DWG
LAYOUT NAME - 022008 ec
PLOT DATE : 1/22/2020 8:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED WITH EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022003-ECVV.DWG
LAYOUT NAME - 022009 ec
PLOT DATE : 1/22/2020 8:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED WITH EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

MATCH LINE STA. 538+00'EB'
(SEE EROSION CONTROL FOR
STH 29

MATCH LINE STA. 37+00'NB'

MATCH LINE STA. 52+00'NB'

R/W LINE

RAMP A

RAMP B

RAMP C

RAMP D

STH 29/32 EASTBOUND

STH 29/32 WESTBOUND

CTH VV

MARLEY ST.

TRIANGLE DR.

LIMITS OF WETLANDS

40'SB'

40'NB'

45'SB'

45'NB'

54'EB'

54'WB'

54.5'EB'

54.5'WB'

18" RCCP

24" CMCP

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

MATCH LINE STA. 546+00'EB'
(SEE EROSION CONTROL FOR
STH 29)

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

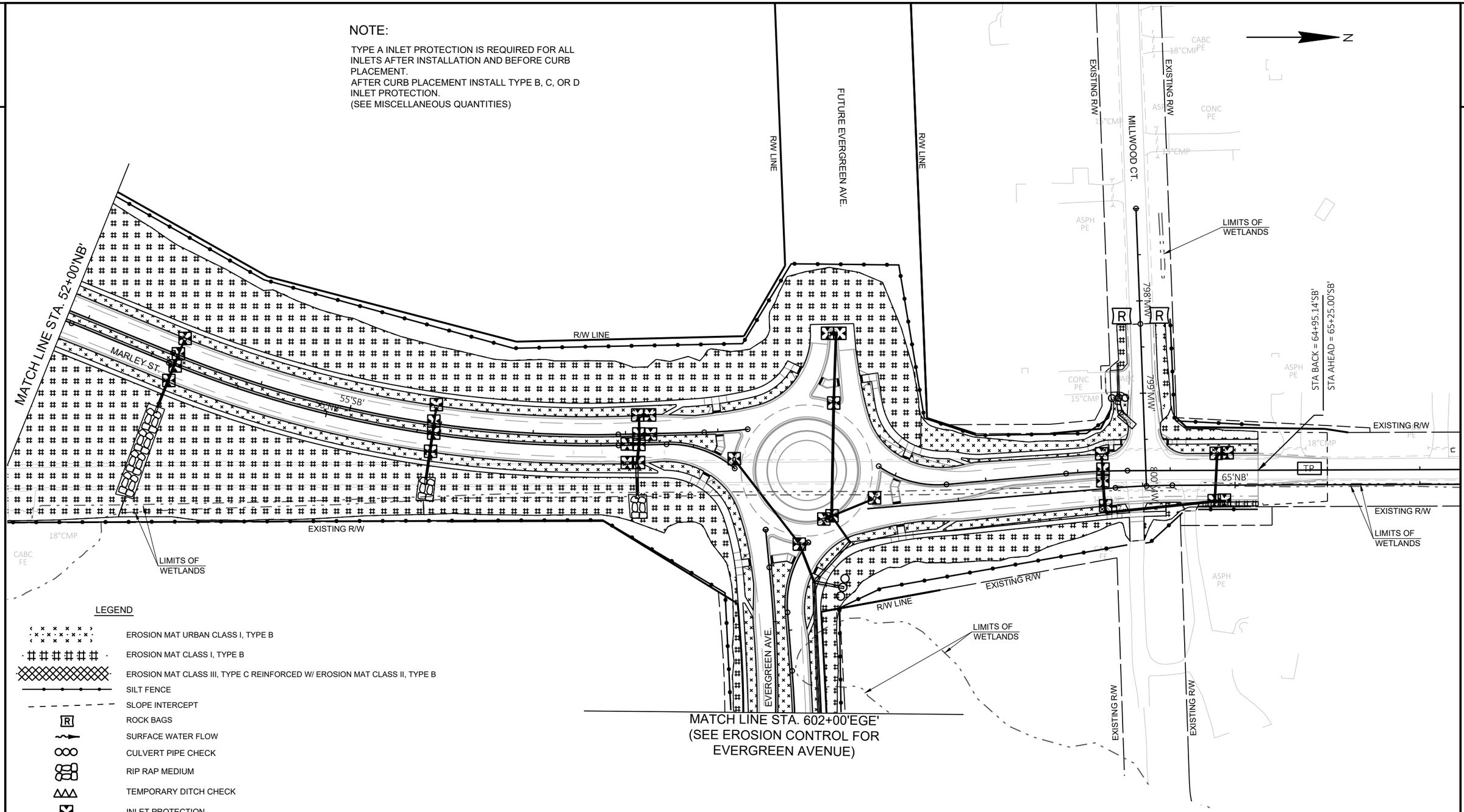
PRE_178

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022003-ECVV.DWG
LAYOUT NAME - 022010 ec

PLOT DATE : 1/22/2020 8:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET PRE_179 E

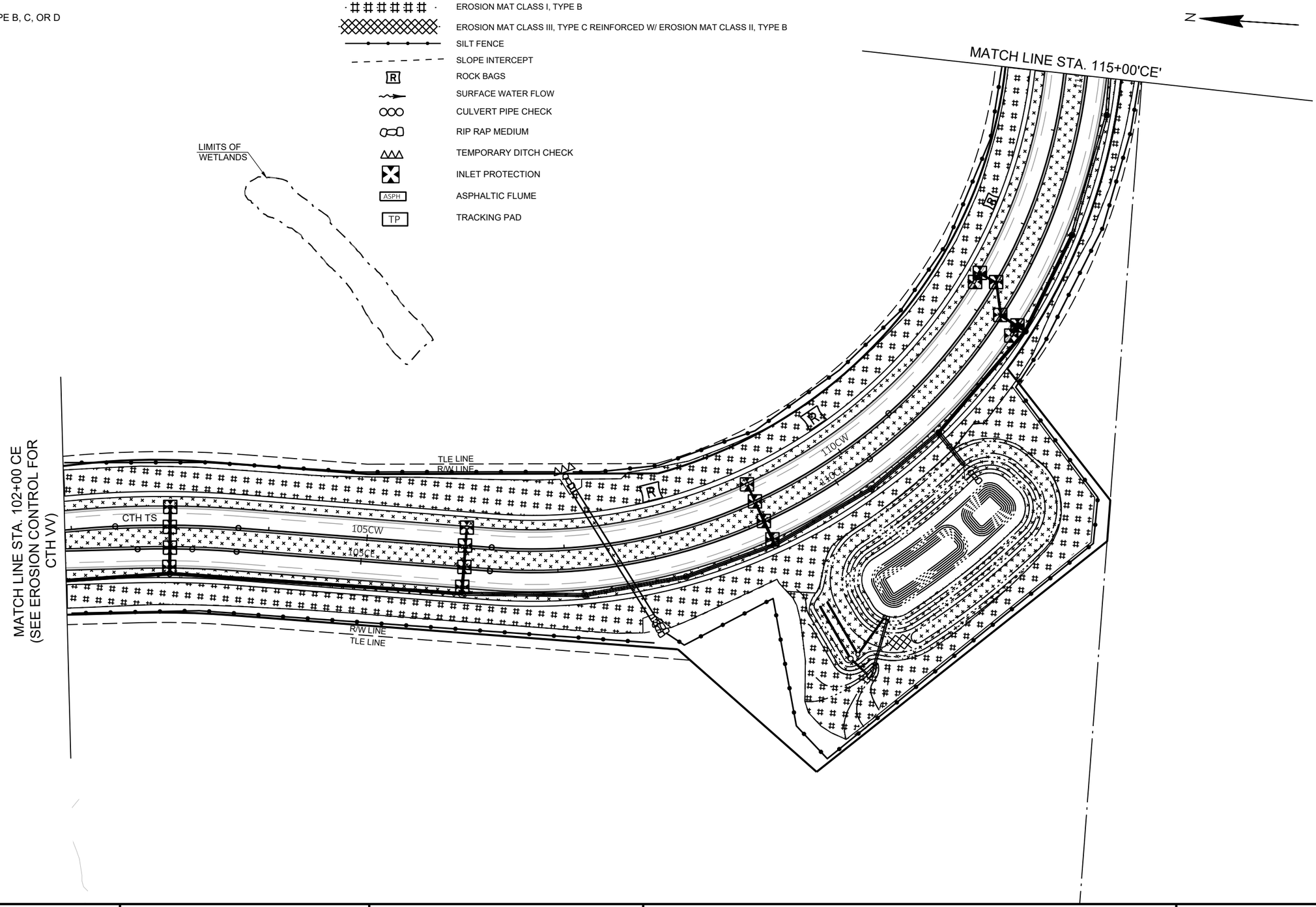
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022003-ECVV.DWG
LAYOUT NAME - 022011 ec
PLOT DATE : 1/22/2020 8:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

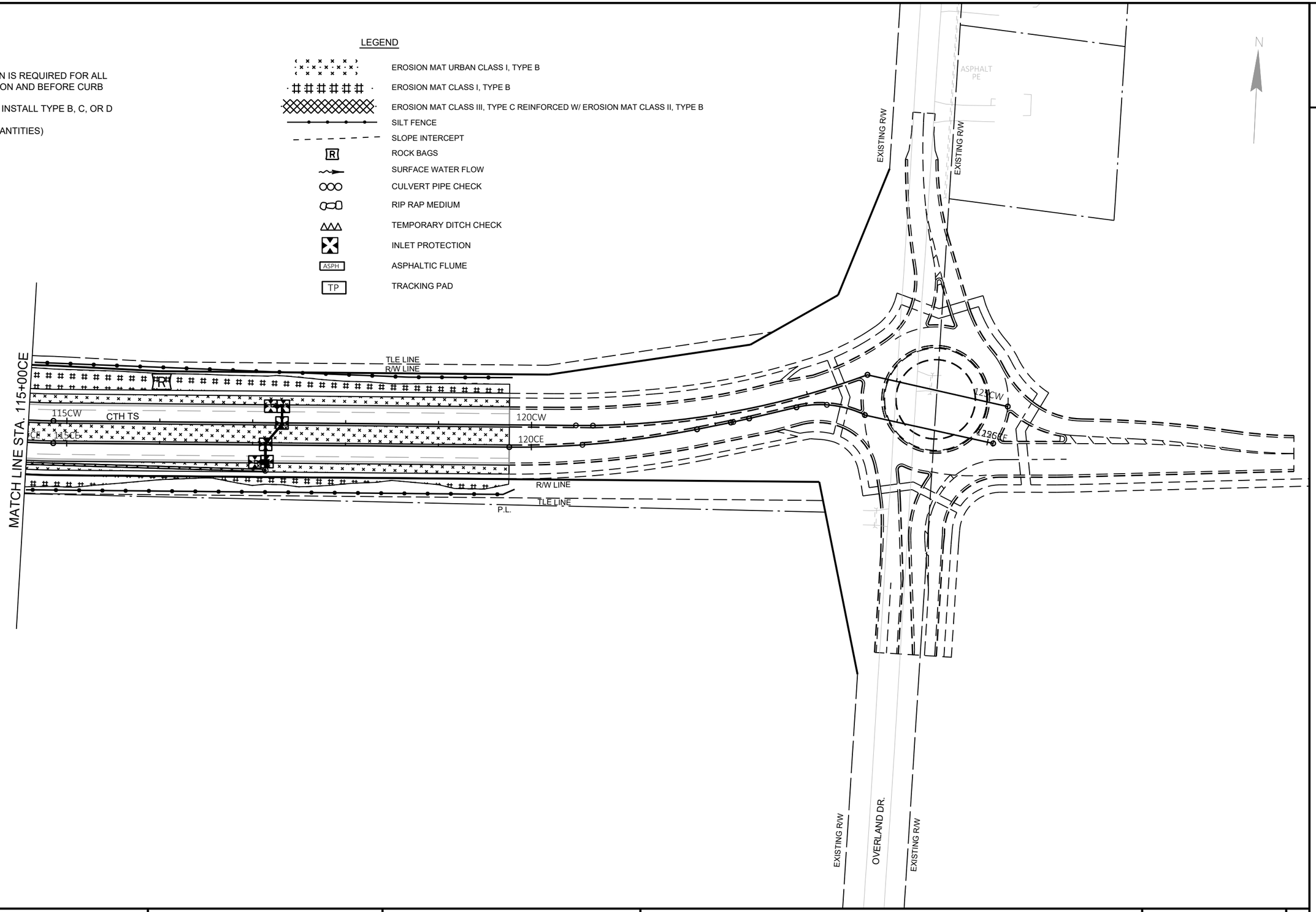
2

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_181

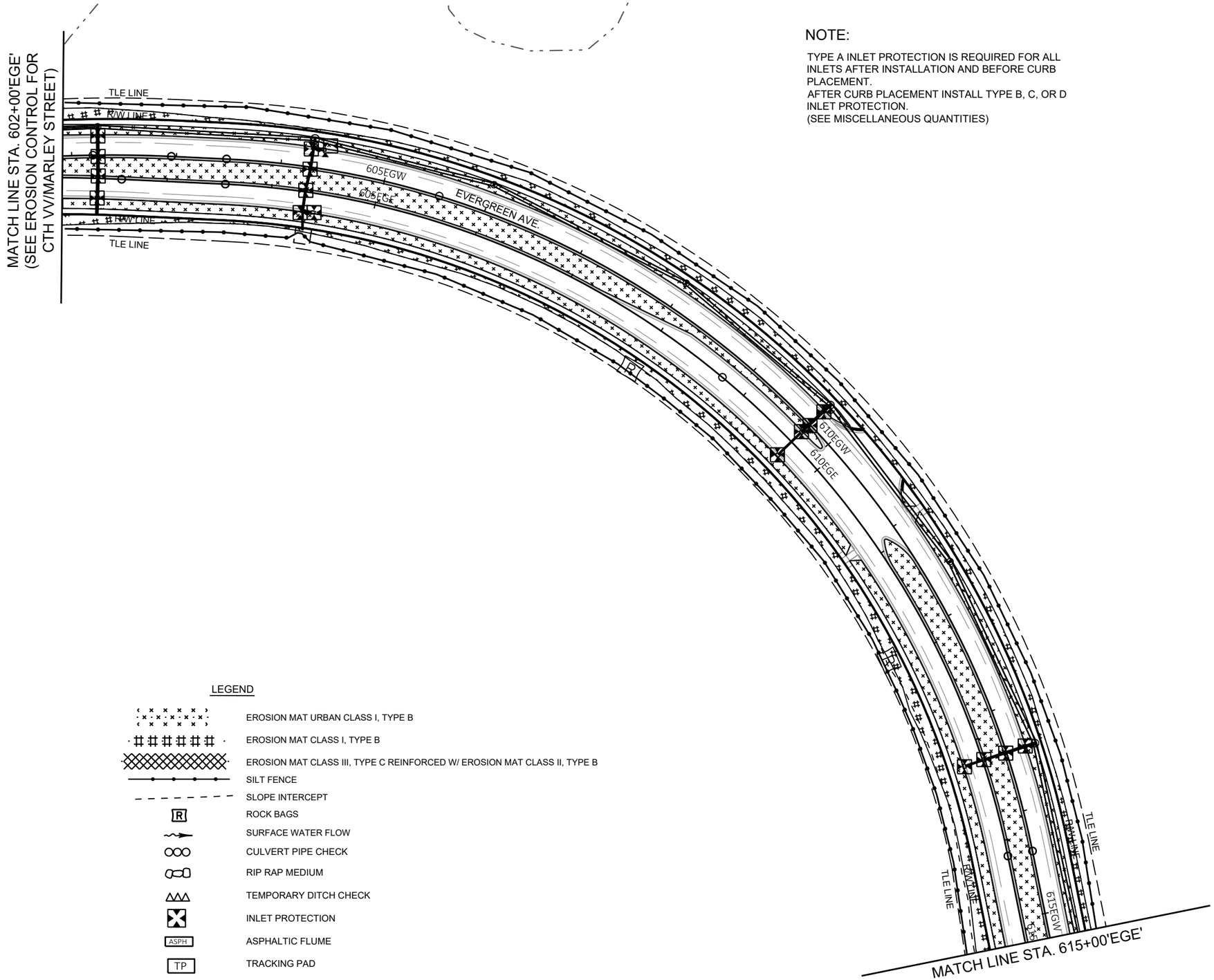
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022004-ECCN.DWG
LAYOUT NAME - 022013 ec
PLOT DATE : 1/22/2020 8:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

N



LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

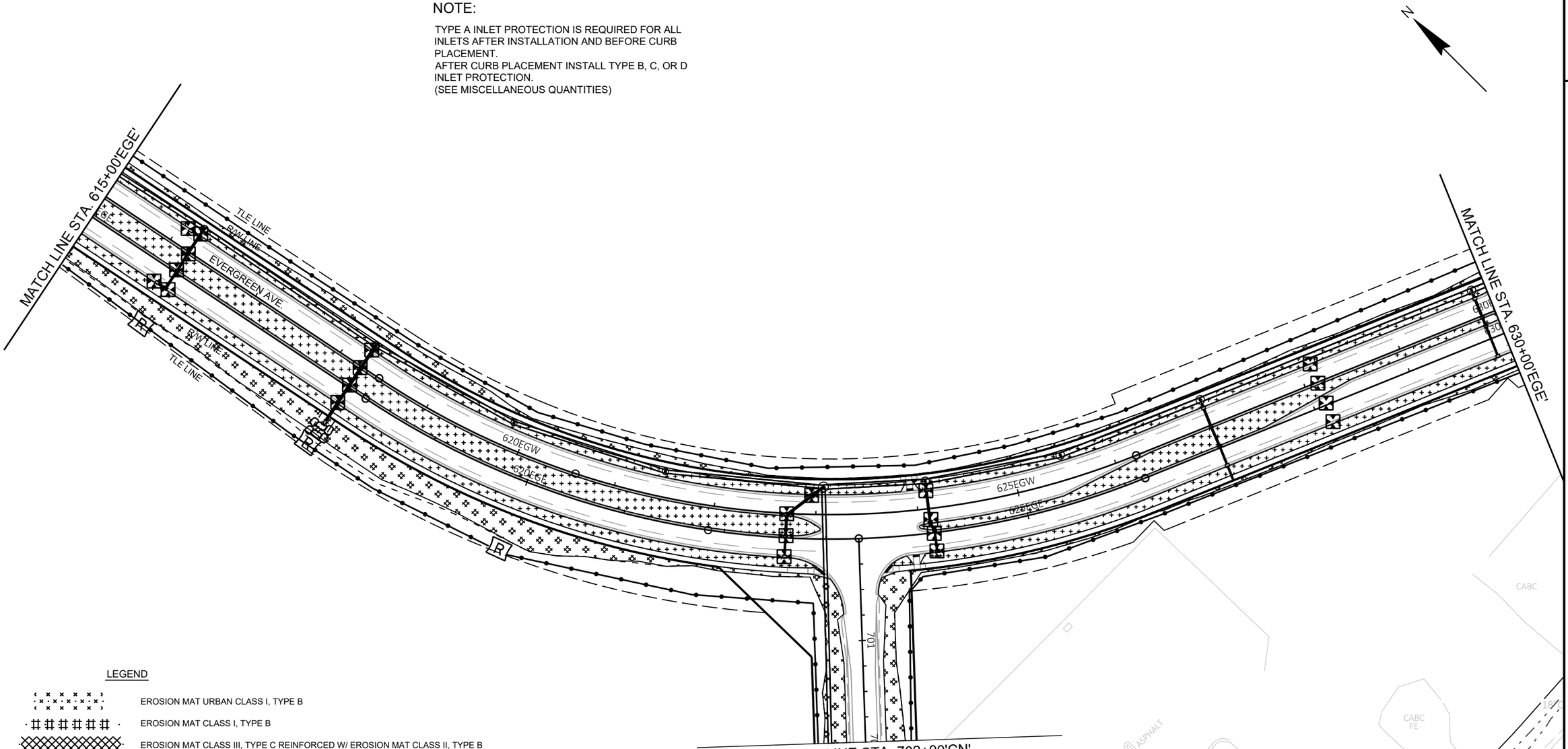
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_182

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022005-ECEG.DWG
LAYOUT NAME - 022014 ec
PLOT DATE : 1/22/2020 8:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)



LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPHALTIC FLUME
- TRACKING PAD

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

PRE_183

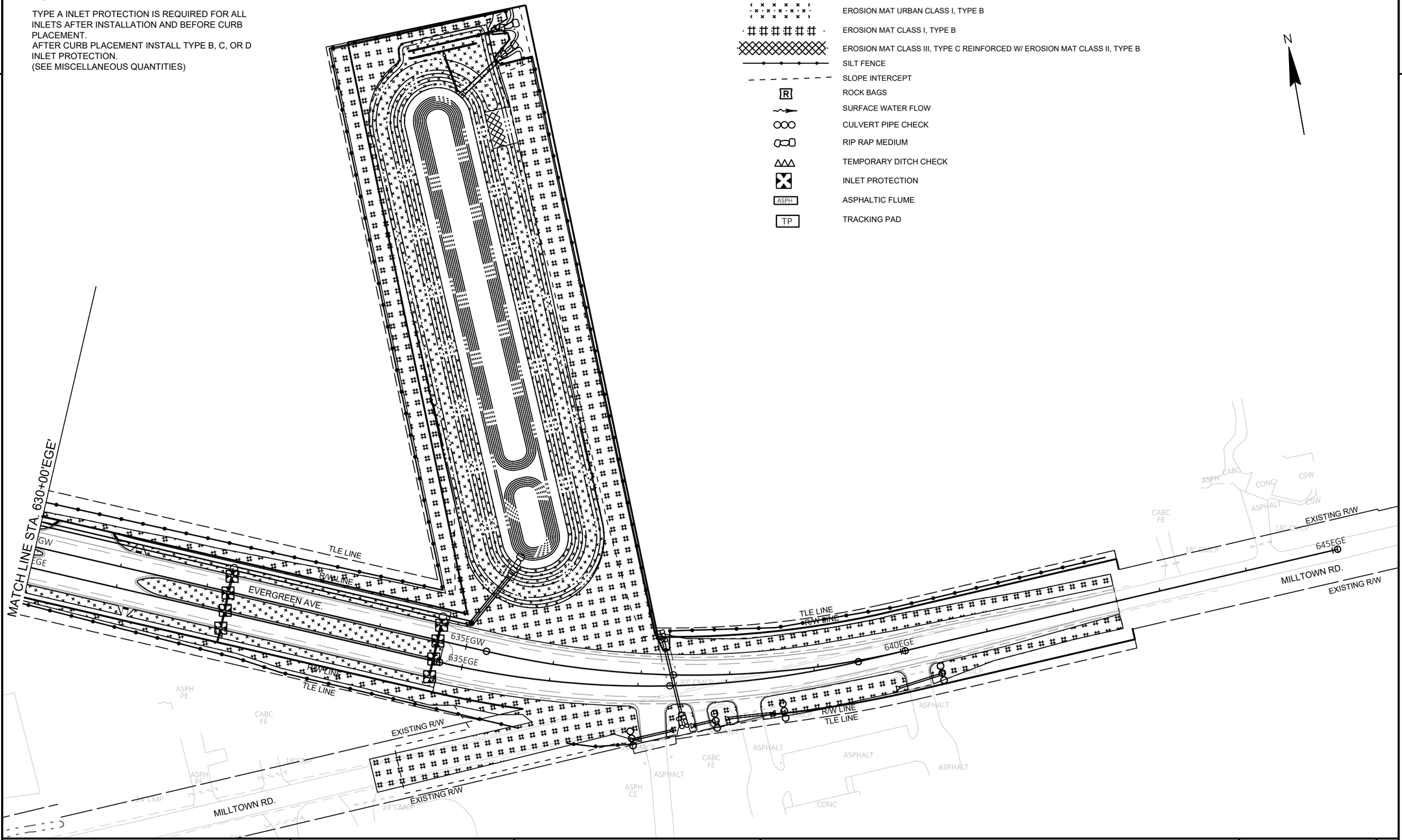
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022005-ECEG.DWG
LAYOUT NAME - 022015 ec
PLOT DATE : 1/22/2020 8:51 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION.
(SEE MISCELLANEOUS QUANTITIES)

LEGEND

- EROSION MAT URBAN CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS III, TYPE C REINFORCED W/ EROSION MAT CLASS II, TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- R — ROCK BAGS
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- RIP RAP MEDIUM
- TEMPORARY DITCH CHECK
- INLET PROTECTION
- ASPH — ASPHALTIC FLUME
- TP — TRACKING PAD



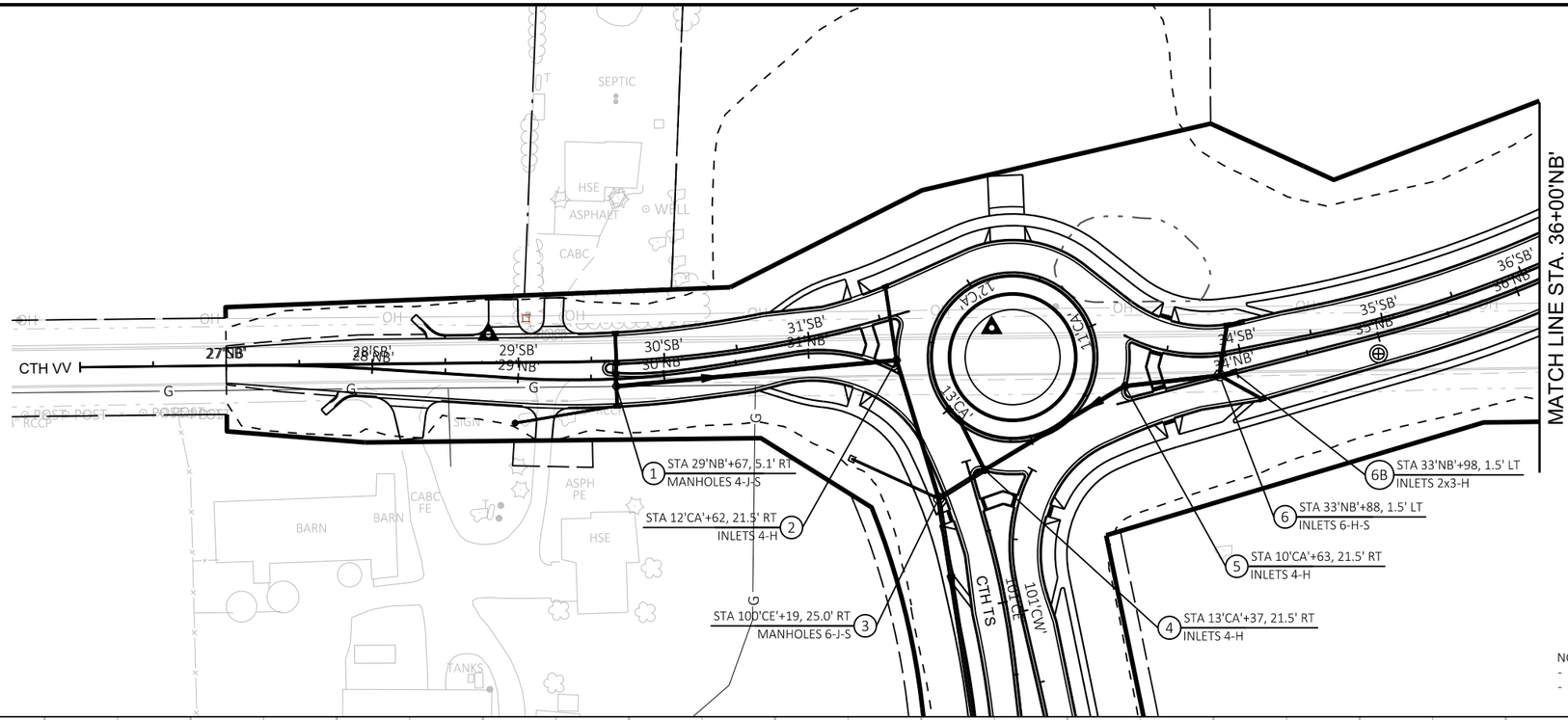
2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EROSION CONTROL	SHEET E

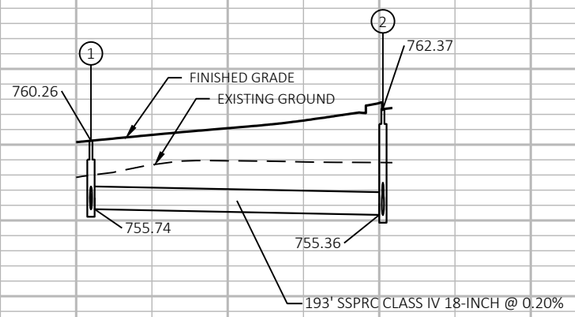
PRE_184

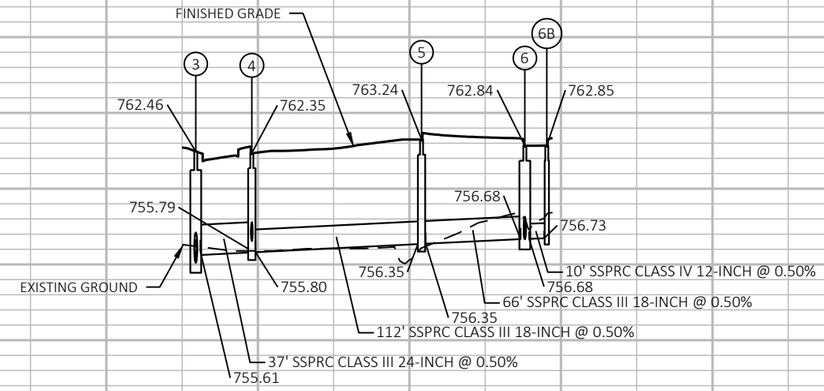
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022005-ECEG.DWG
LAYOUT NAME - 022016 ec

PLOT DATE : 1/22/2020 8:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



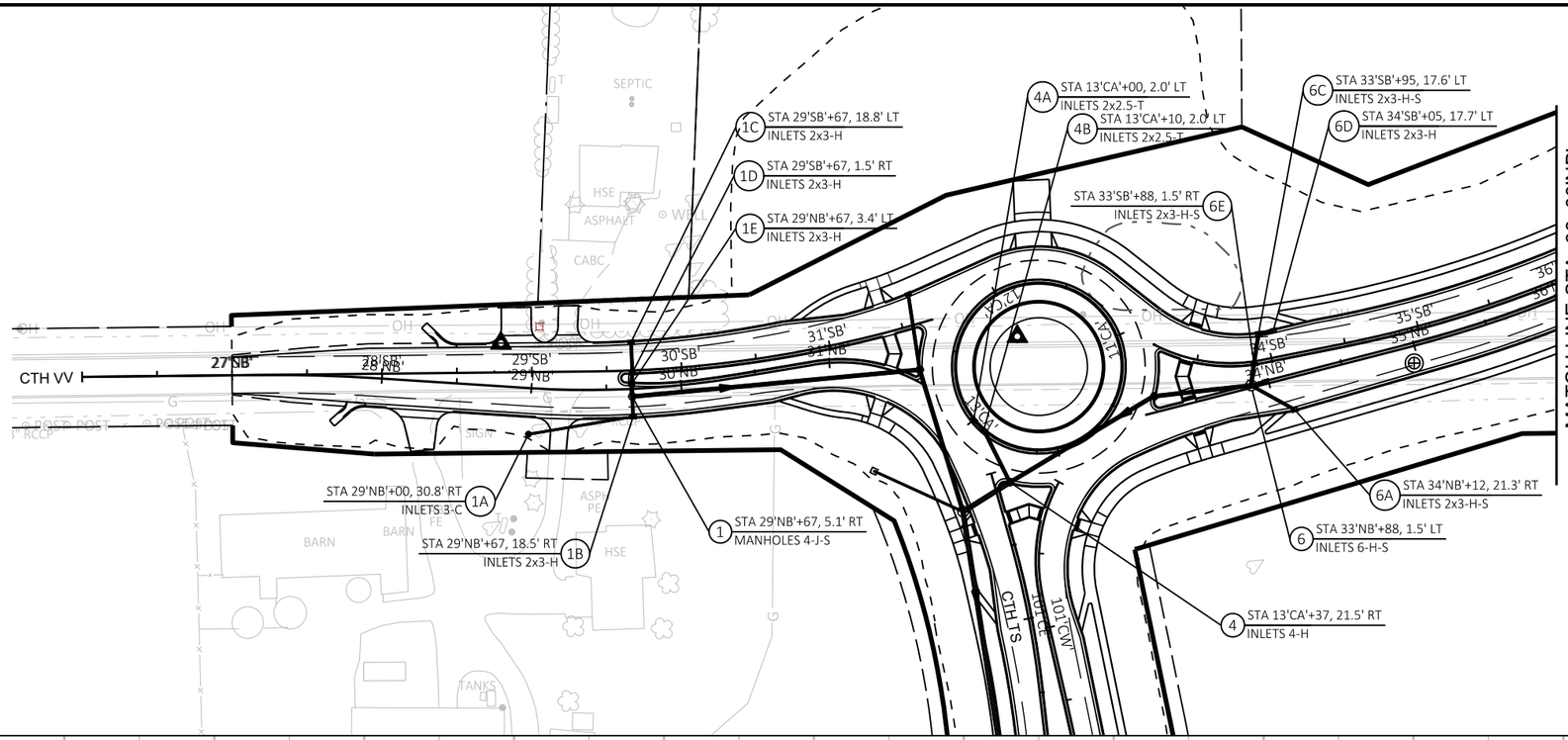
NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



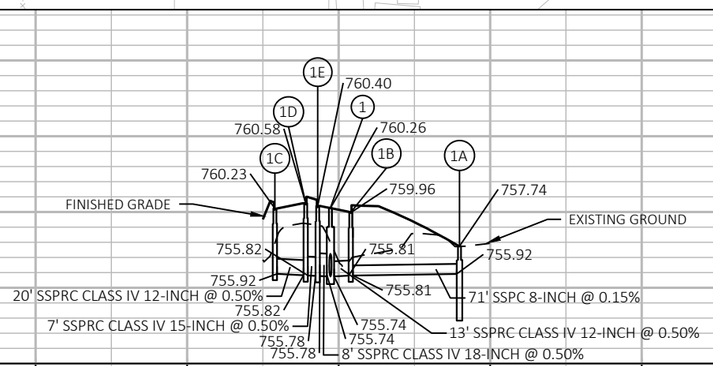


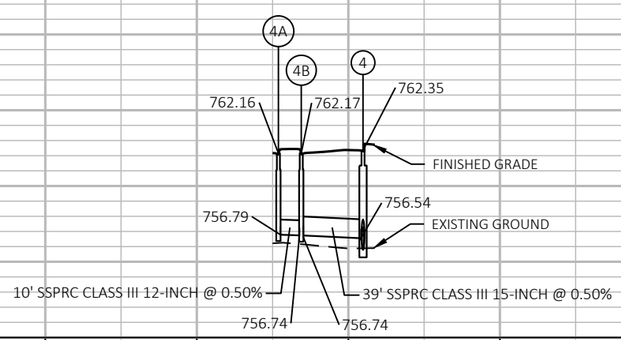
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

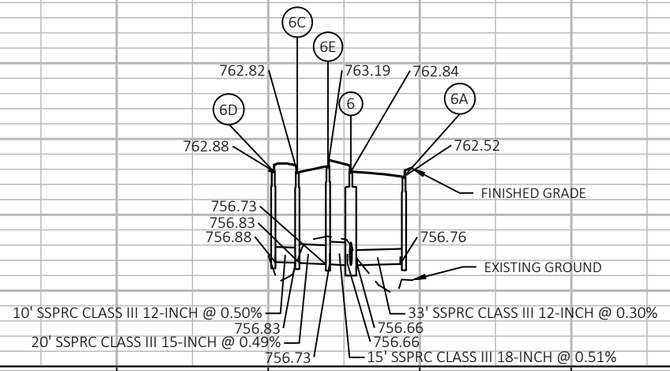
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV.DWG
LAYOUT NAME - 022501
PLOT DATE : 1/22/2020 7:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS

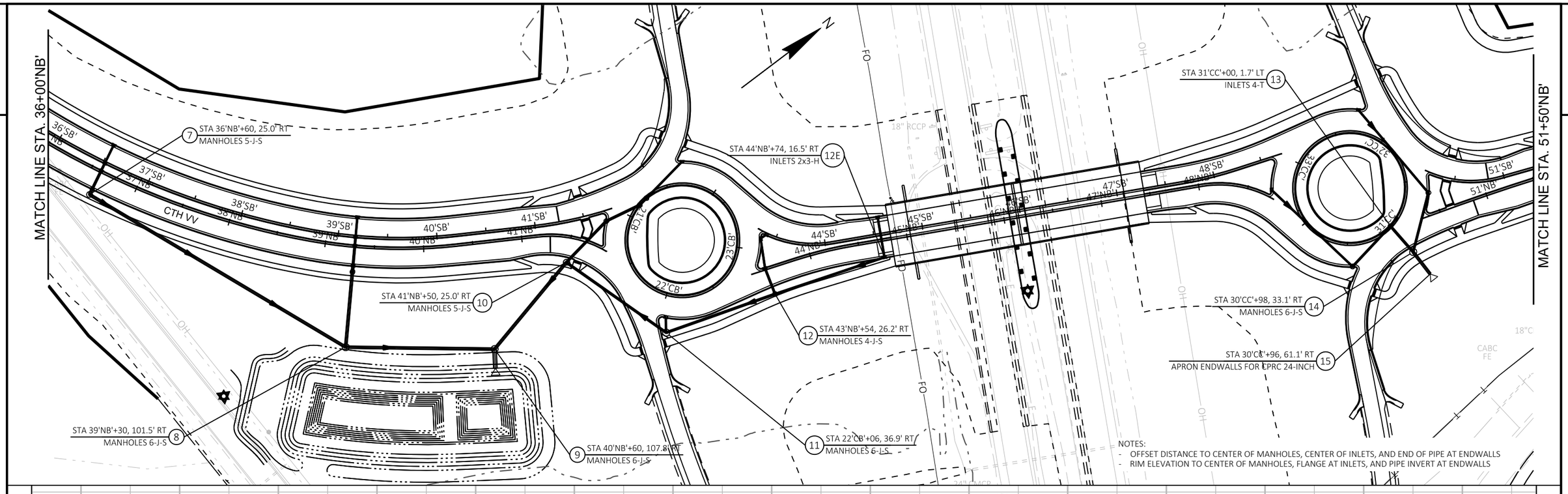


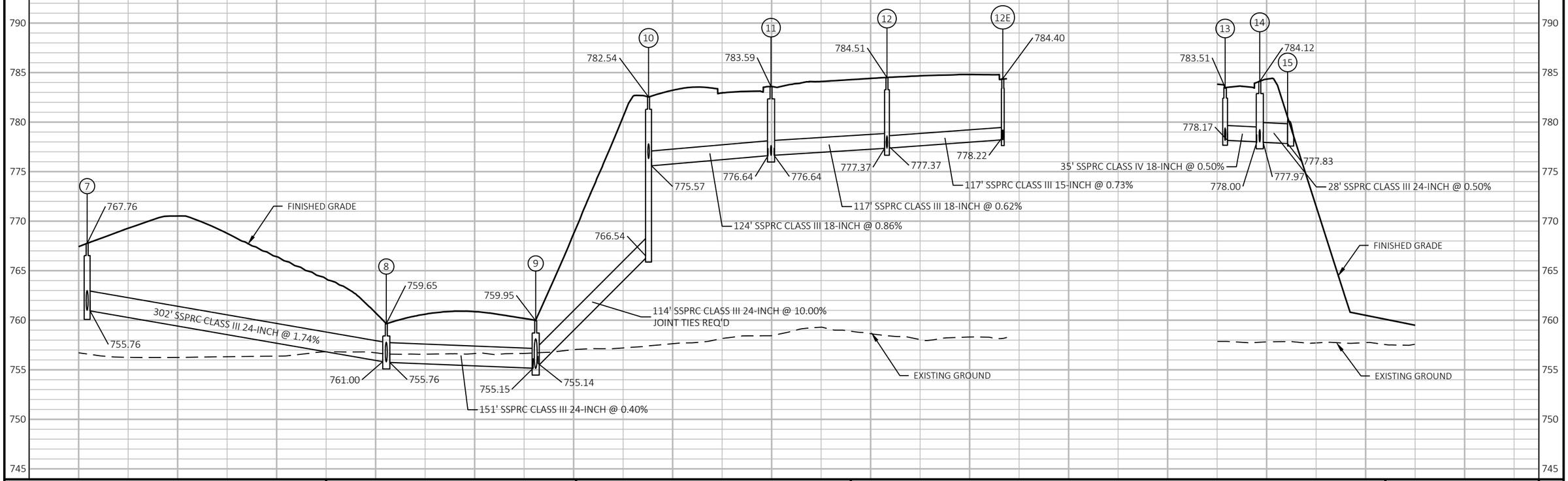




PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

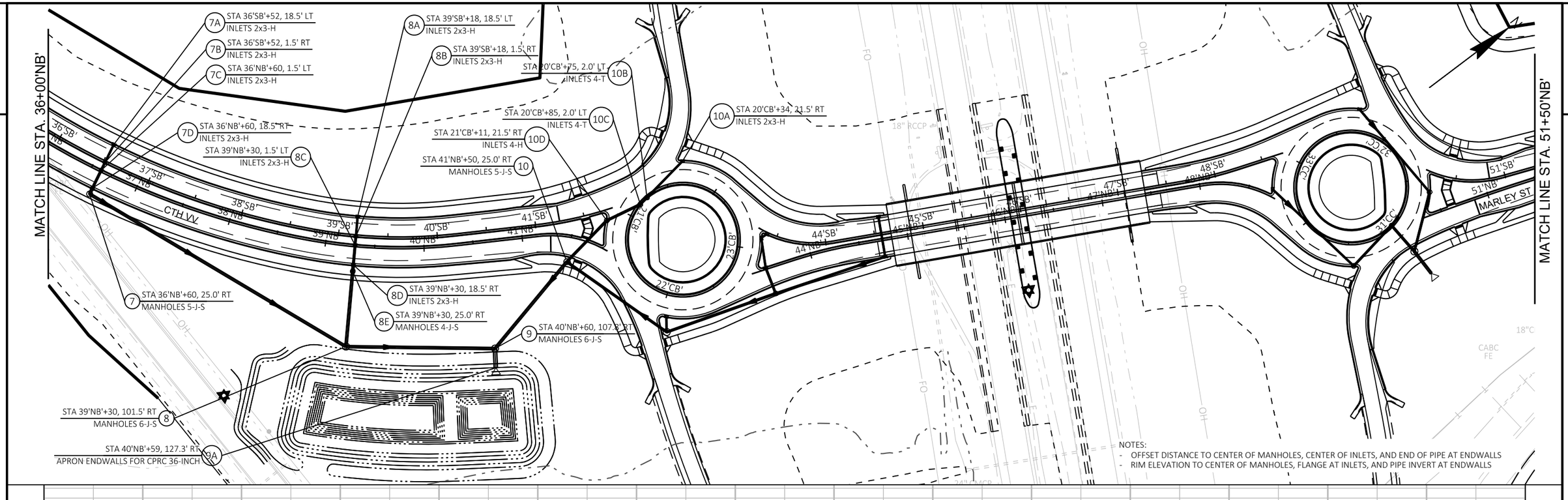
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV-LEADS.DWG
LAYOUT NAME - 022502
PLOT DATE : 1/22/2020 7:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

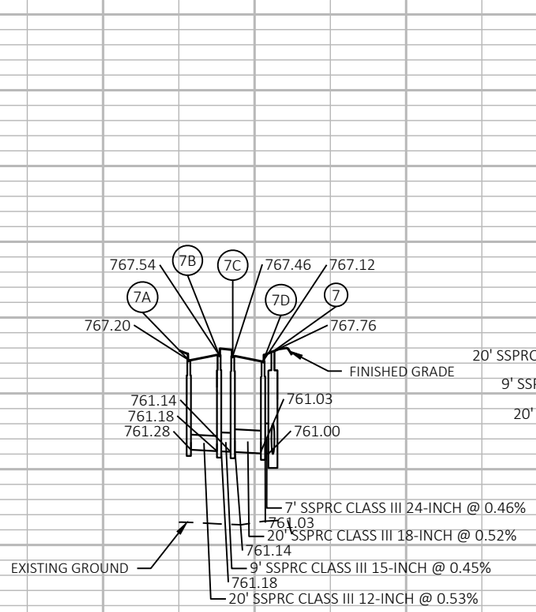


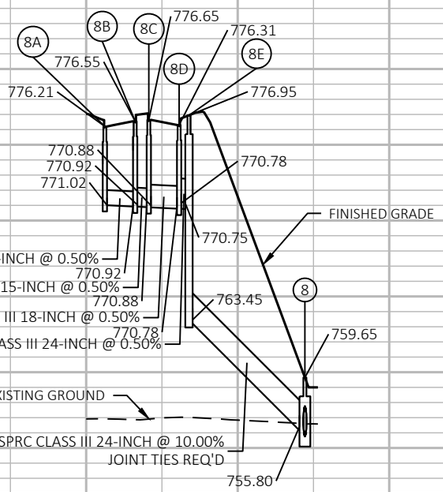


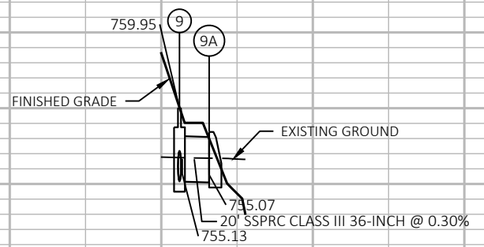
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

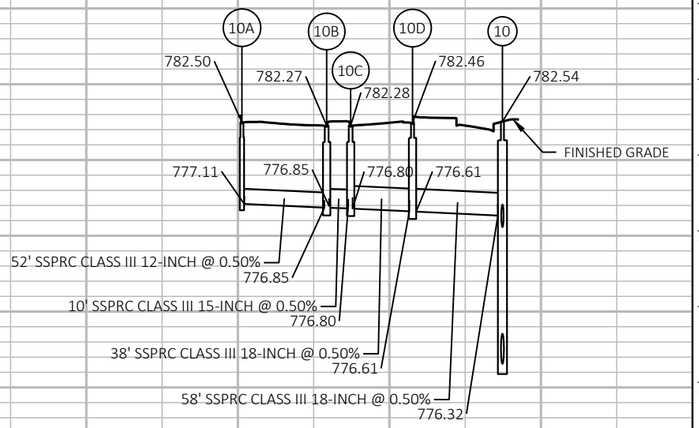
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV.DWG
LAYOUT NAME - 022503
PLOT DATE : 1/22/2020 7:54 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT











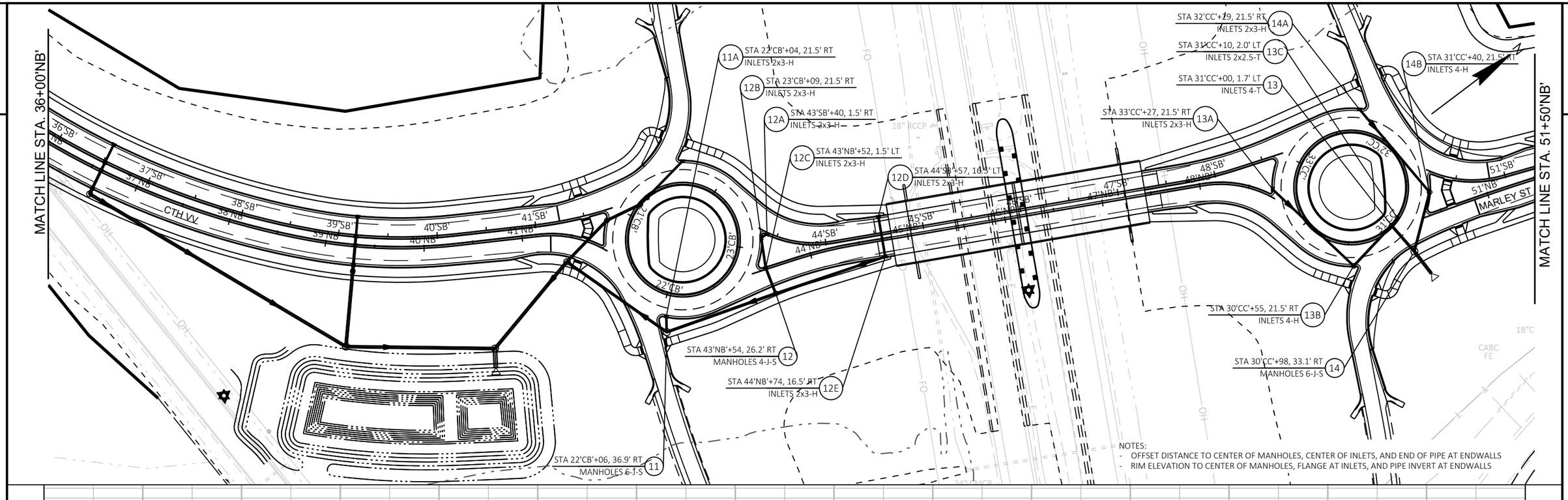
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

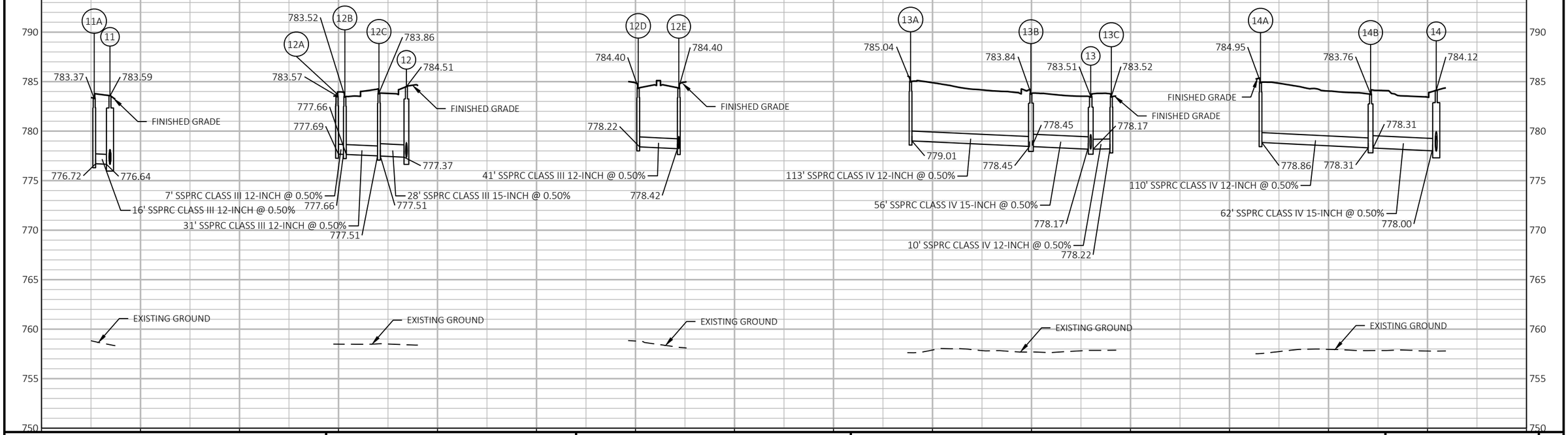
PRE_188

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV-LEADS.DWG
LAYOUT NAME - 022504

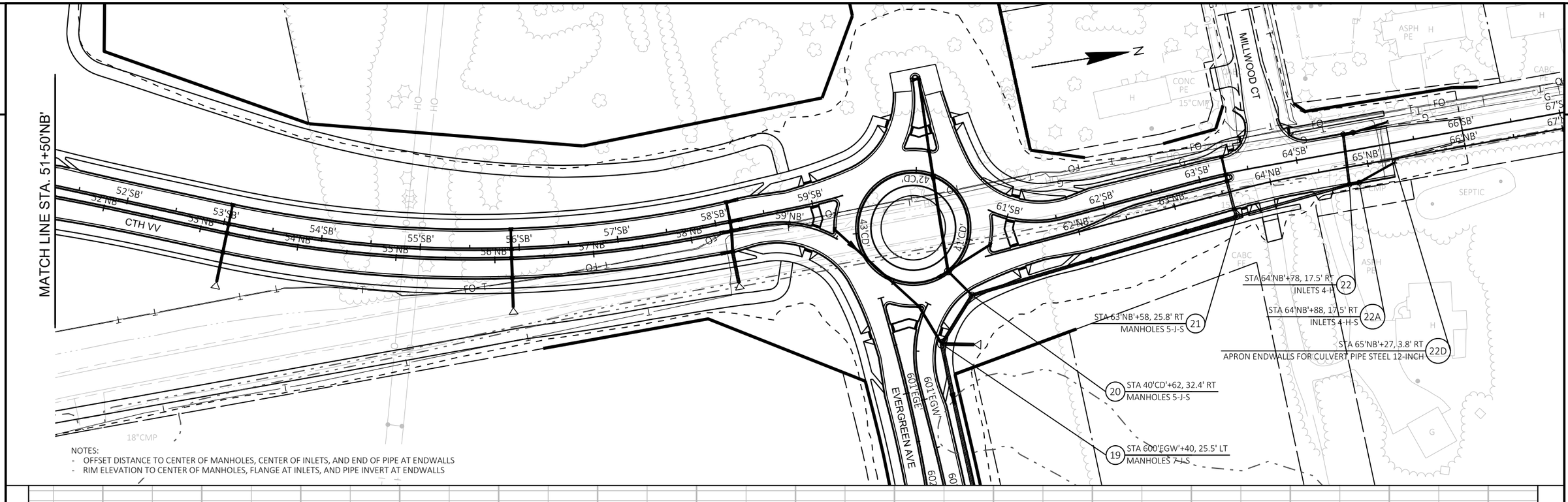
PLOT DATE : 1/22/2020 7:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41

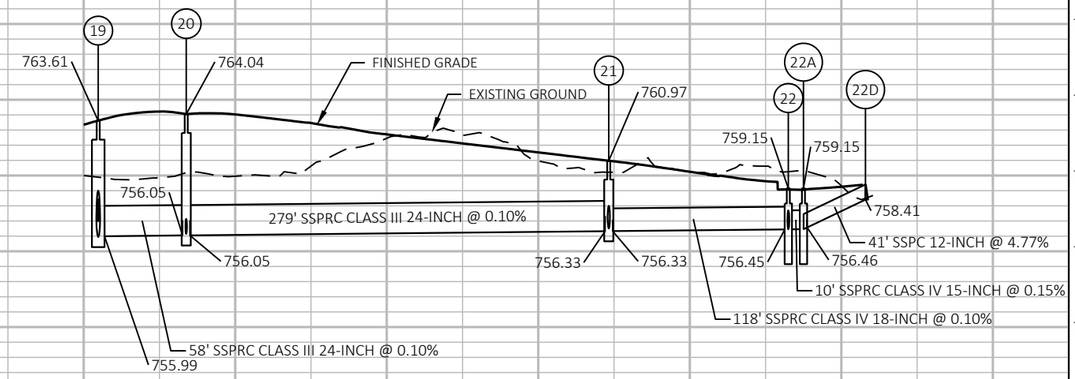




PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

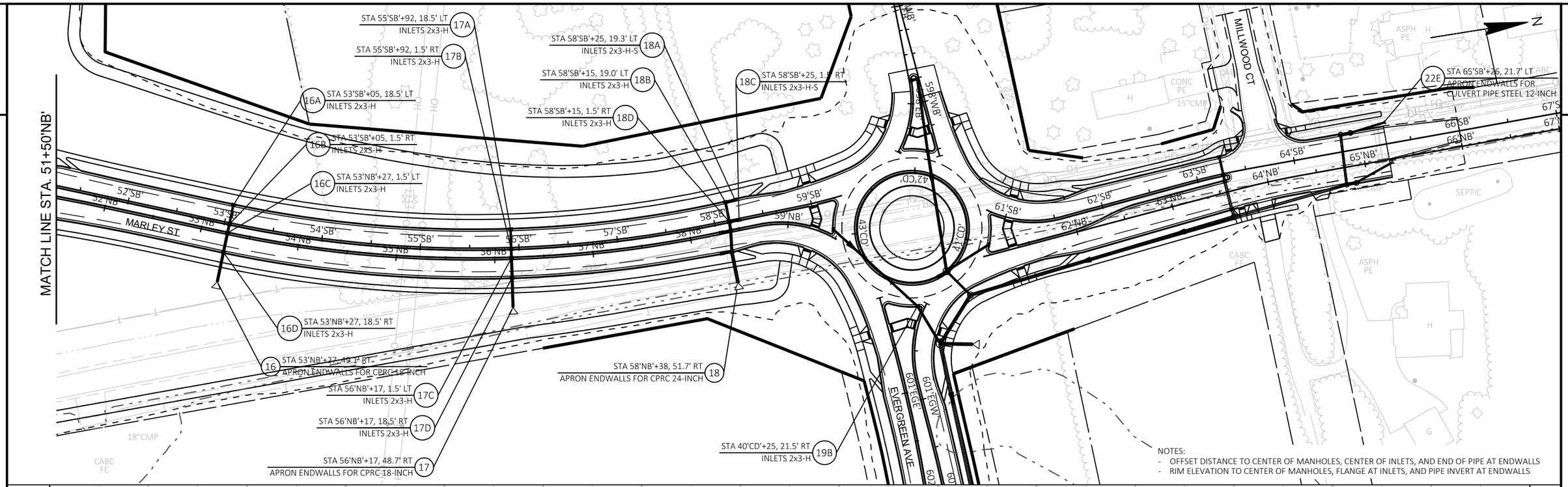


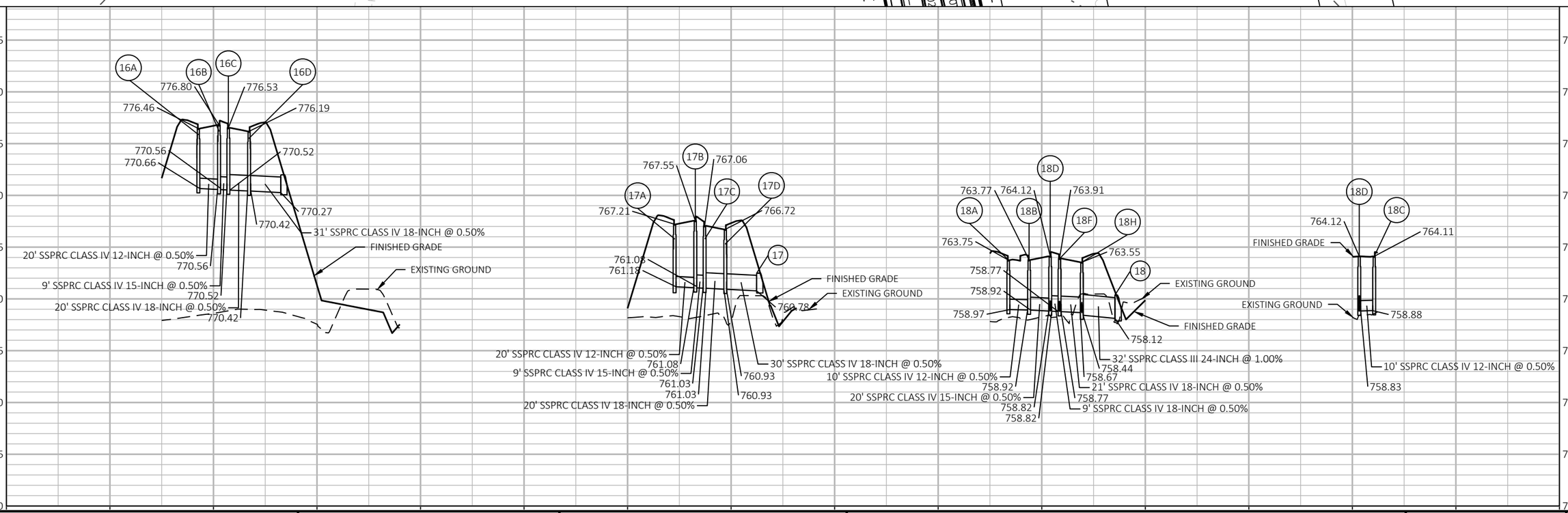
NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

PRE_190



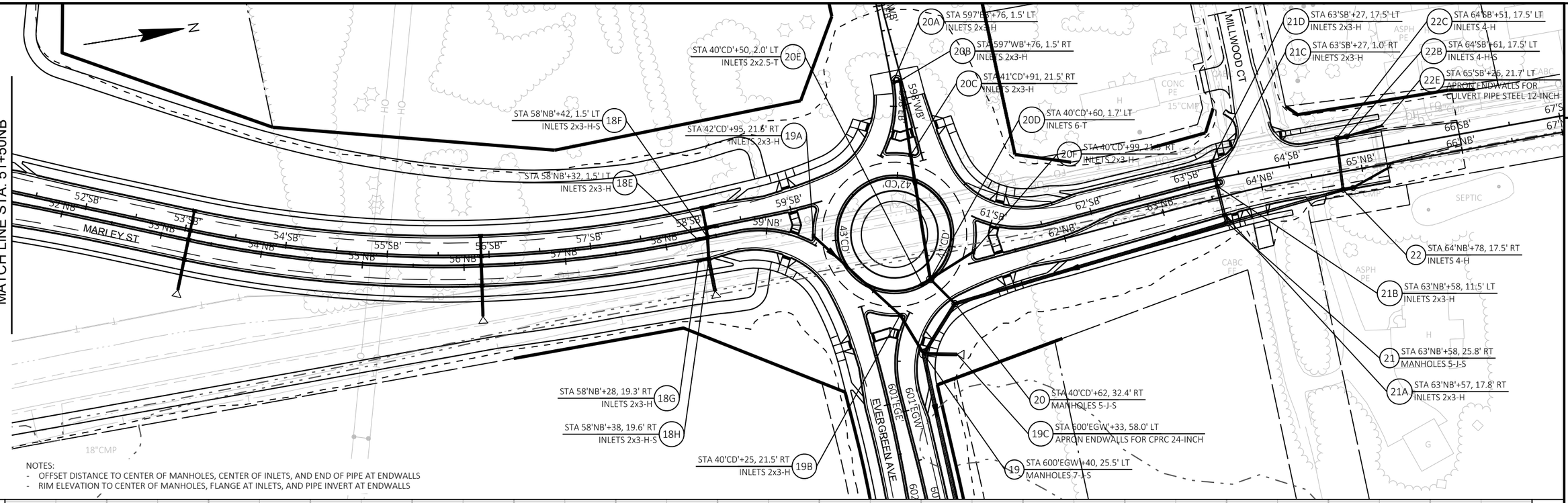


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

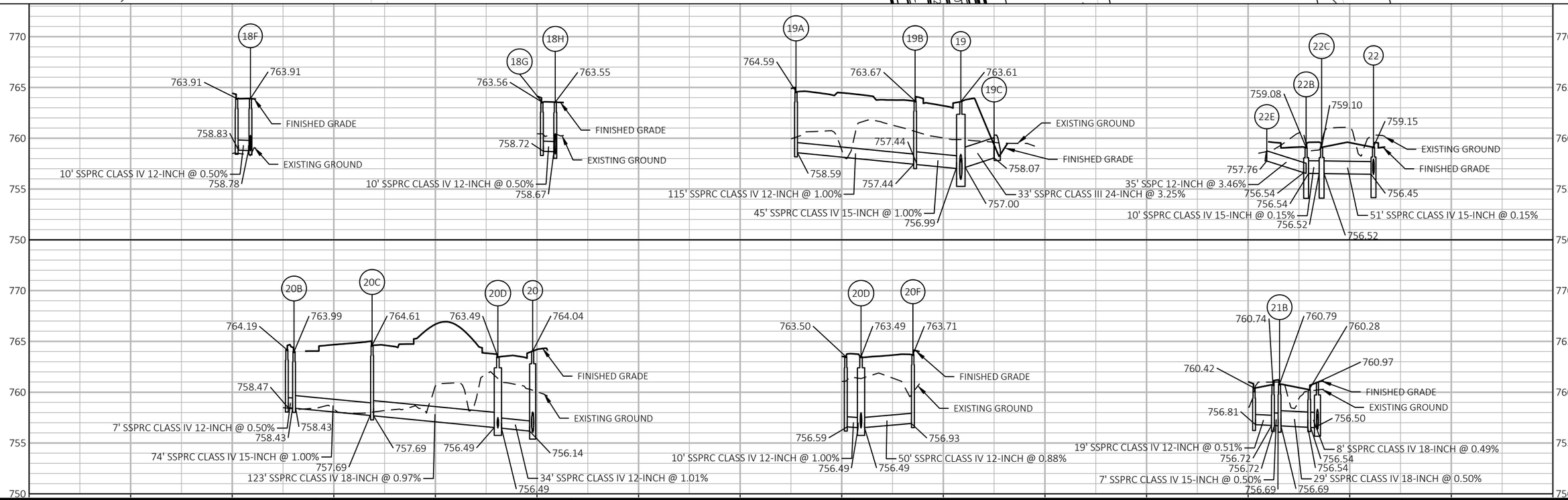
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV-LEADS.DWG
LAYOUT NAME - 022507

PLOT DATE : 1/22/2020 8:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_191

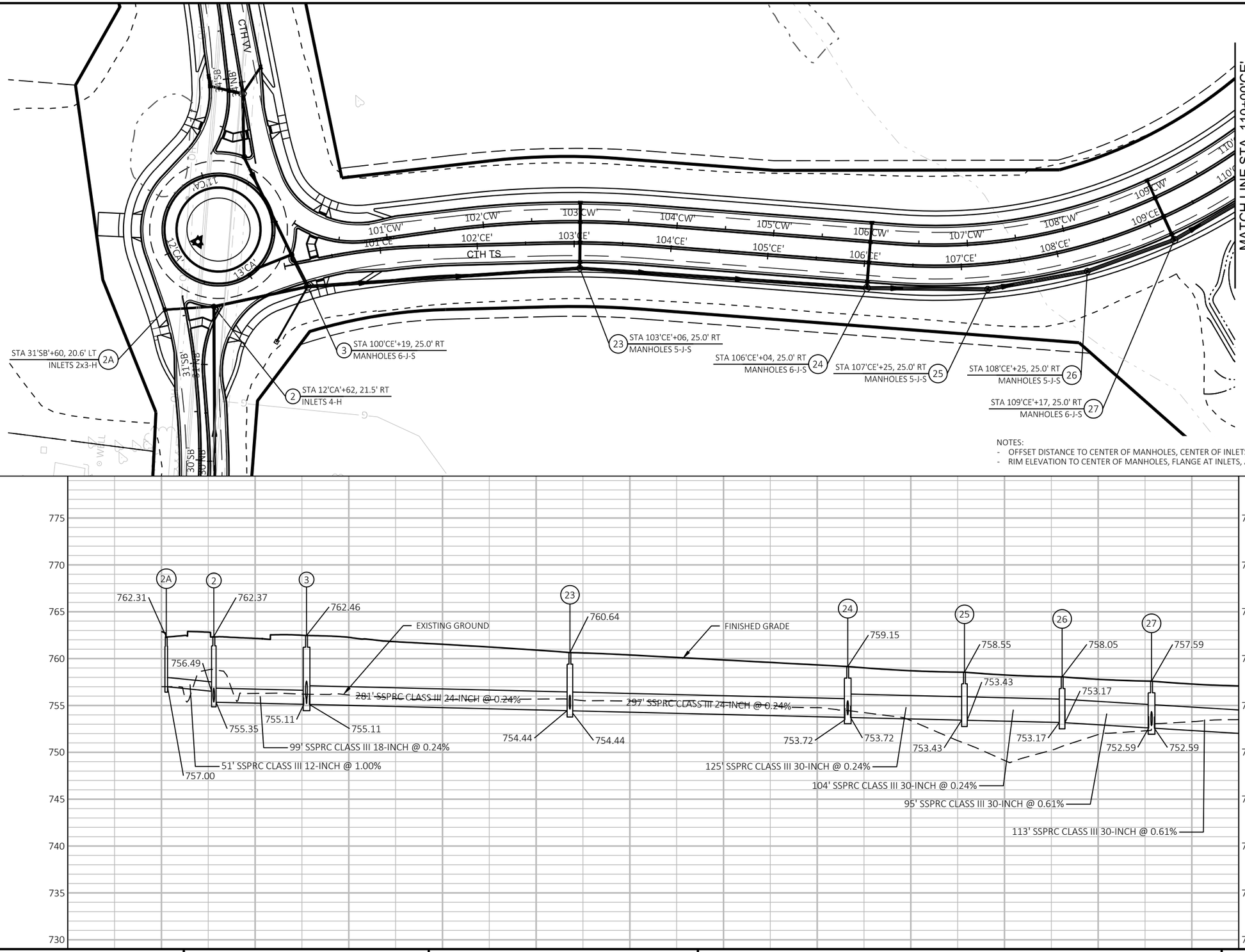


NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSVV-LEADS.DWG
LAYOUT NAME - 022508
PLOT DATE : 1/22/2020 8:21 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

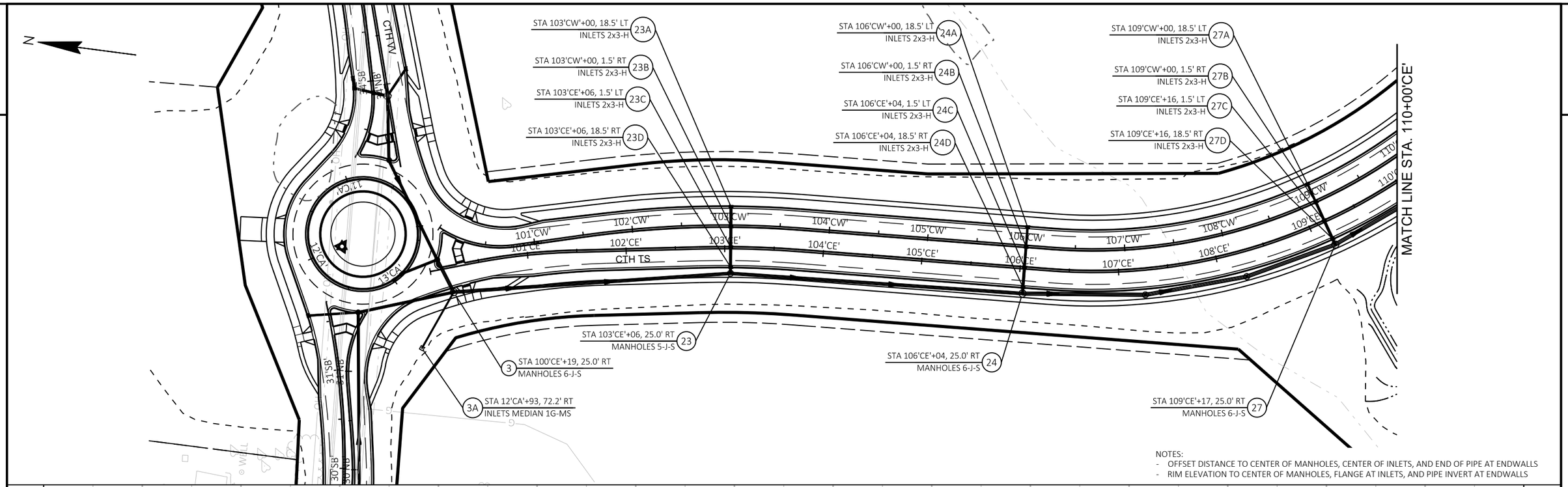


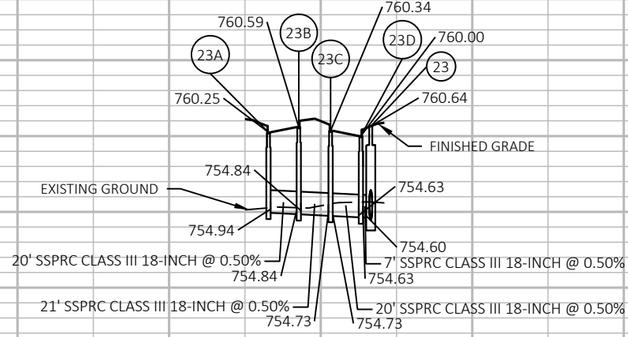
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

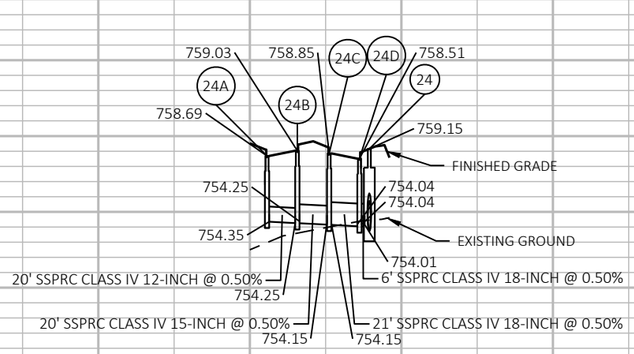
PRE_193

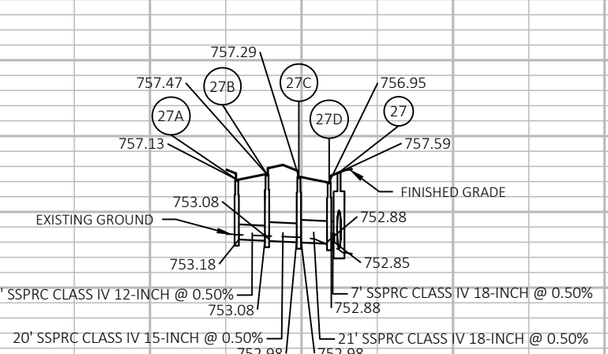
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSCN.DWG
LAYOUT NAME - 022509

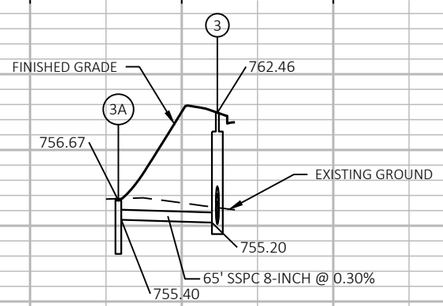
PLOT DATE : 1/22/2020 8:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



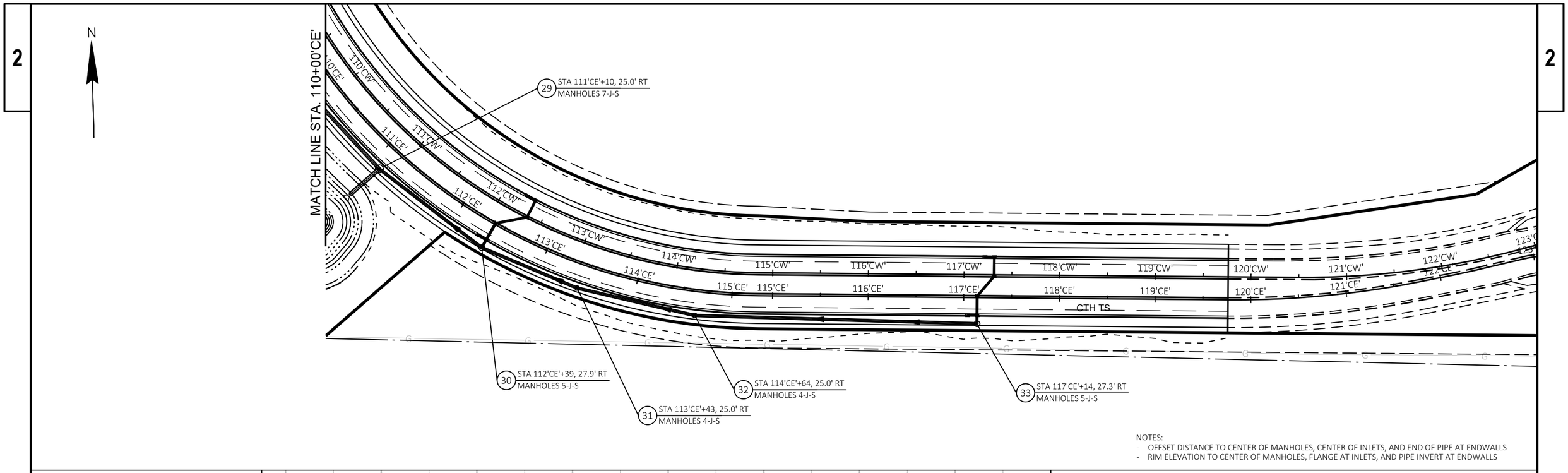






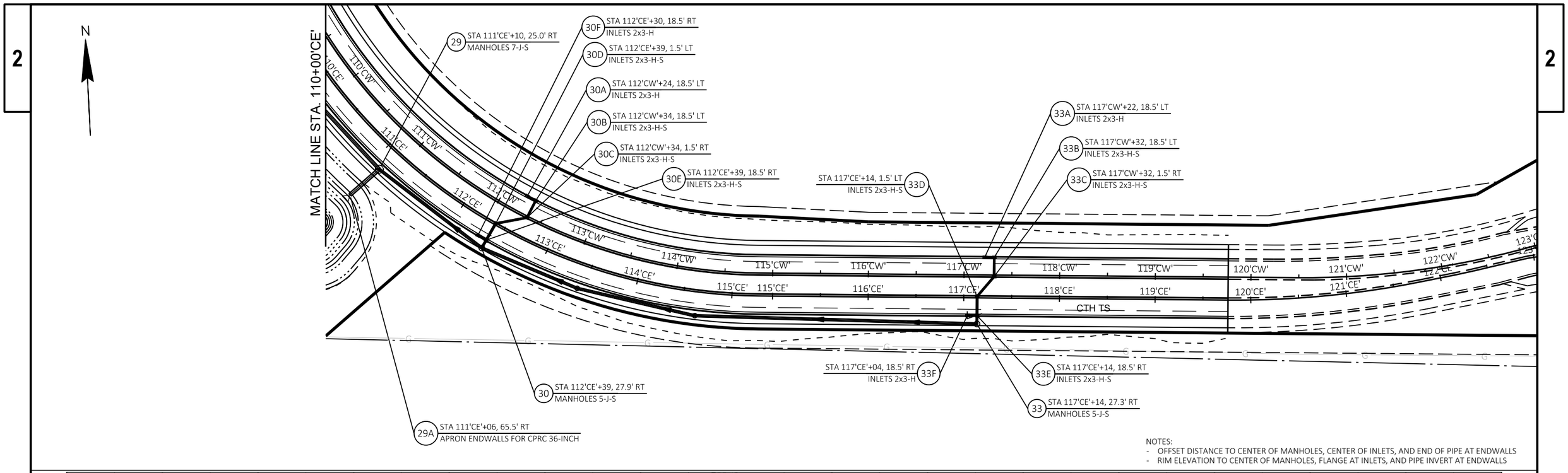


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

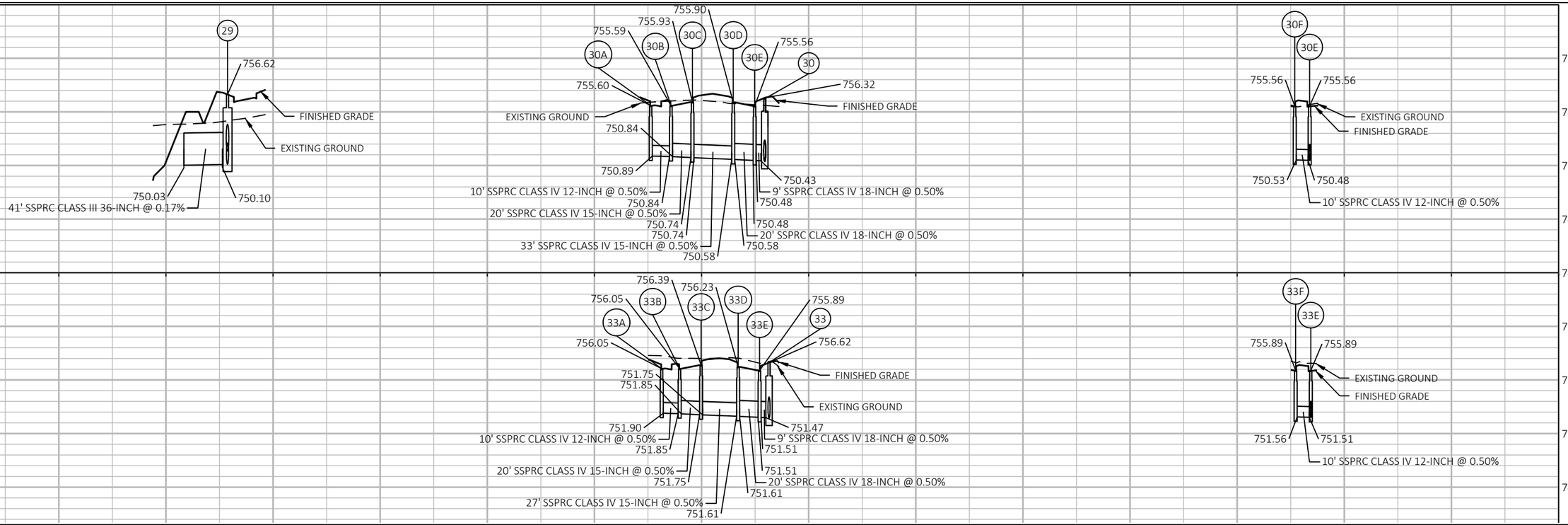


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET PRE_195 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSCN.DWG
LAYOUT NAME - 022511
PLOT DATE : 1/22/2020 8:26 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41



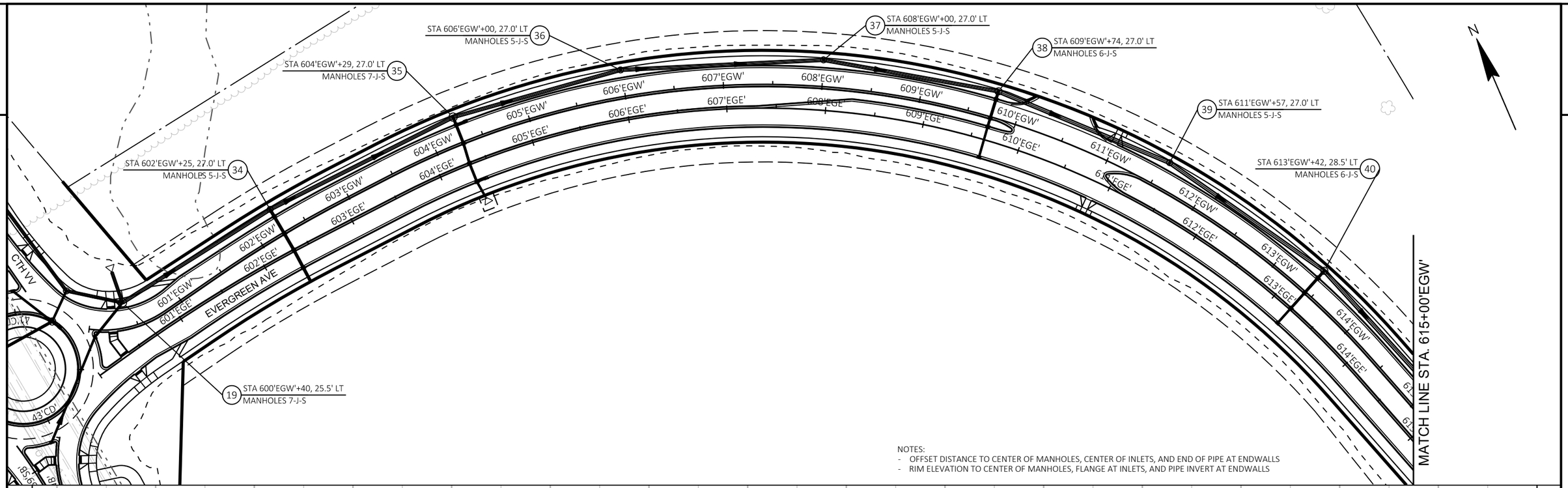
NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS

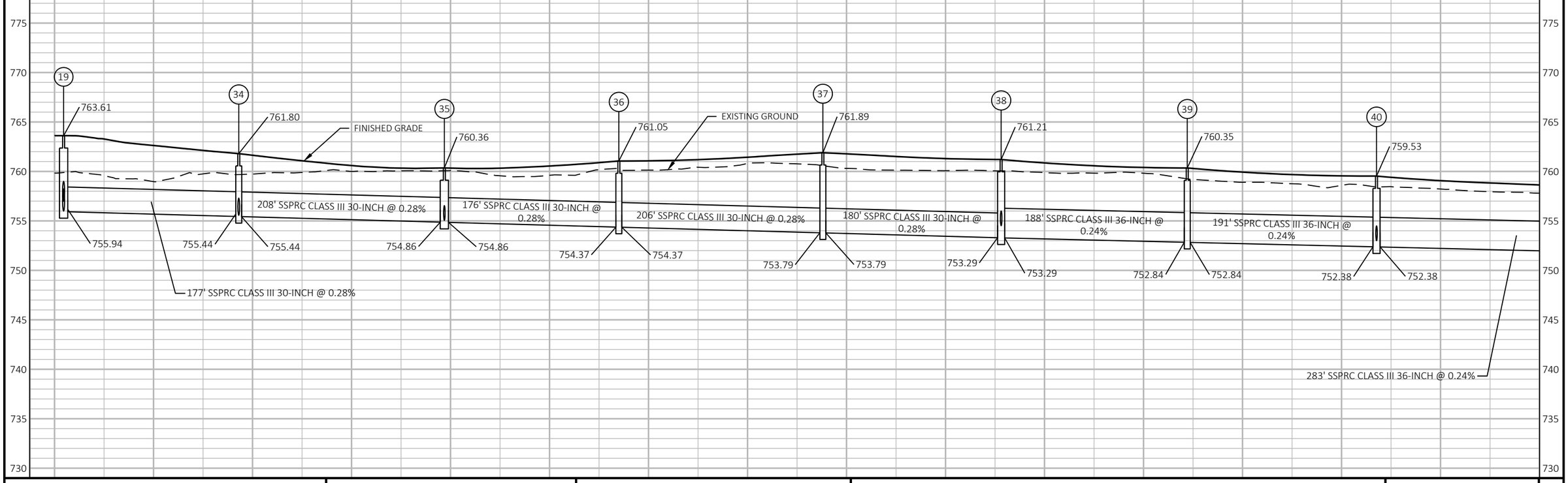


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

PRE_196

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSCN-LEADS.DWG
LAYOUT NAME - 022512
PLOT DATE : 1/22/2020 8:28 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41



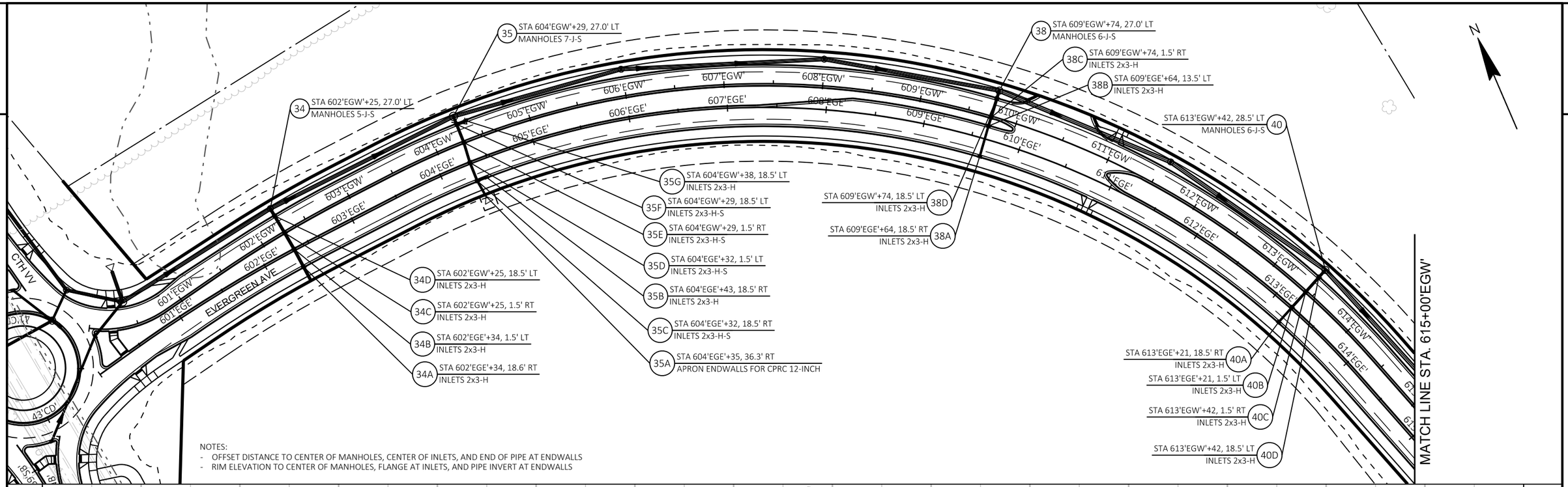


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

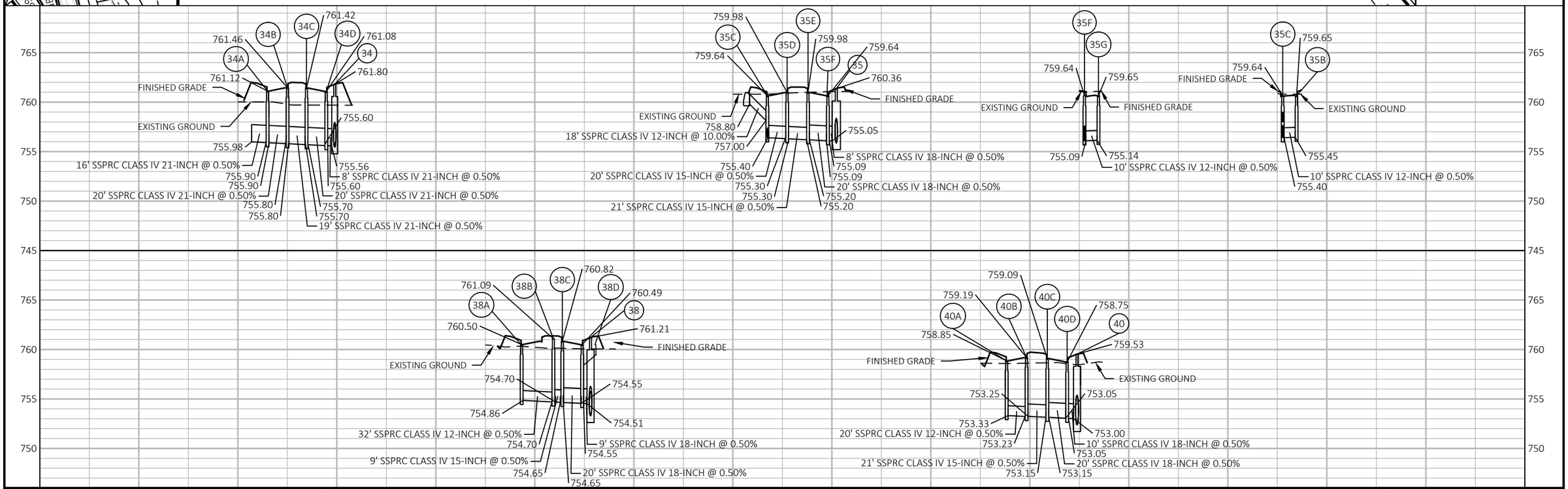
PRE_197

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSEG.DWG
LAYOUT NAME - 022513
PLOT DATE : 1/22/2020 8:29 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

2



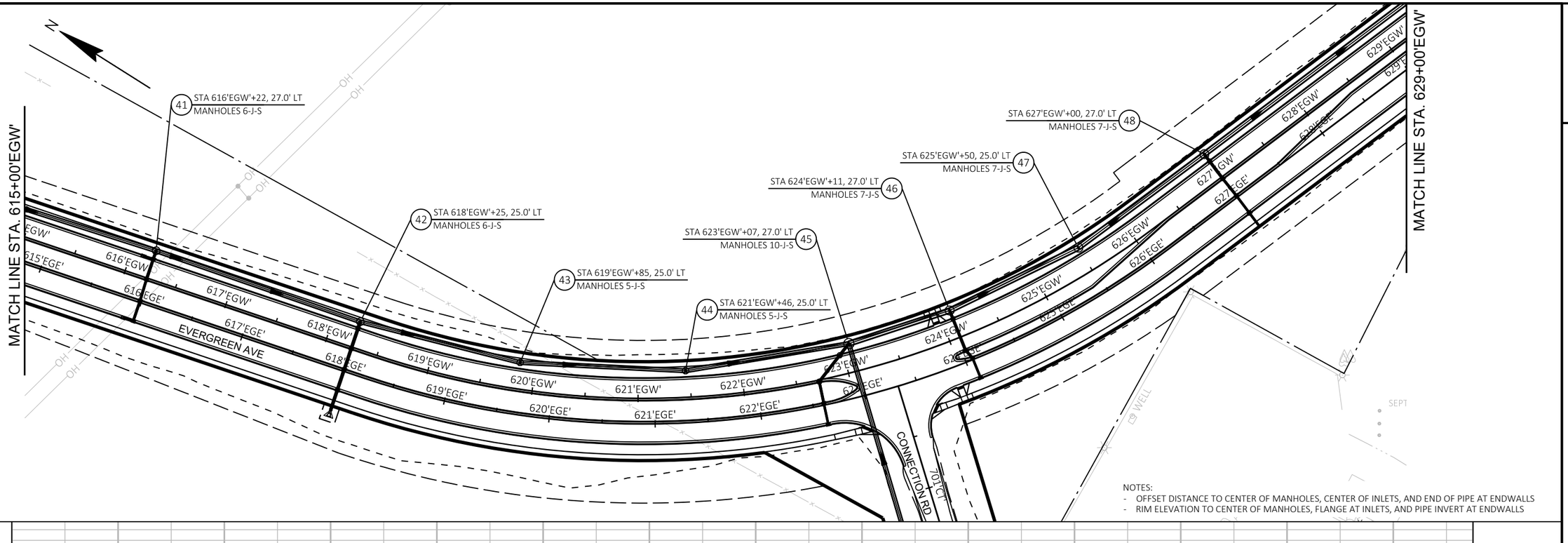
NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



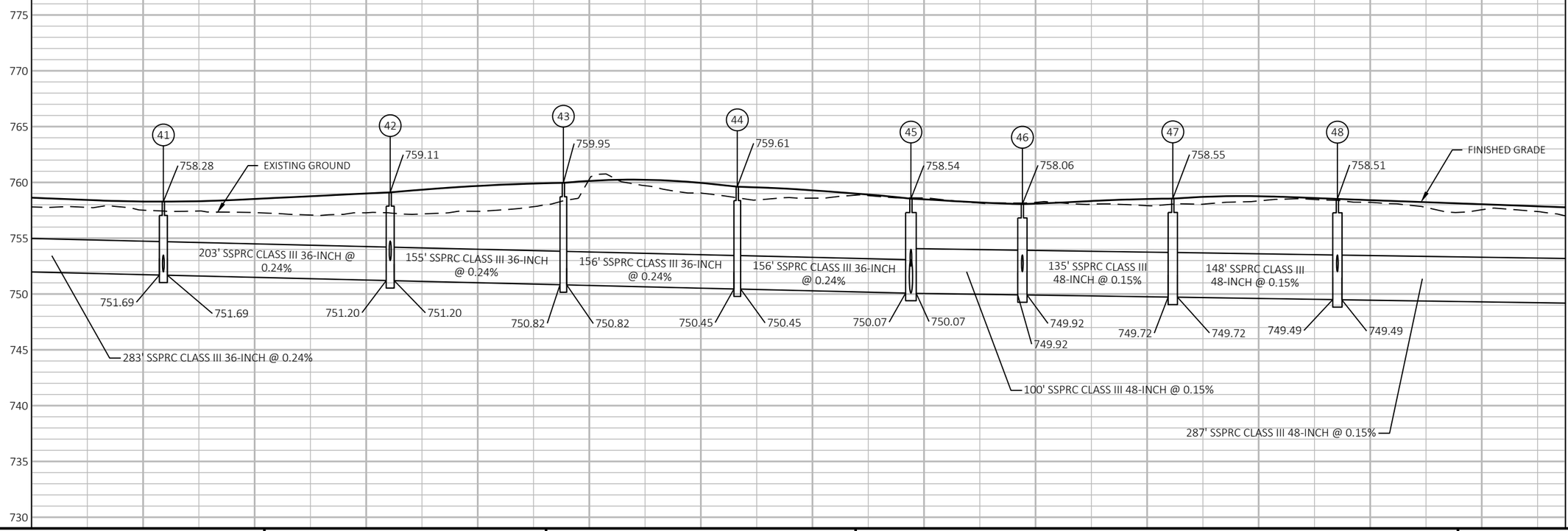
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

PRE_198

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSEG-LEADS.DWG
LAYOUT NAME - 022514
PLOT DATE : 1/22/2020 8:31 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

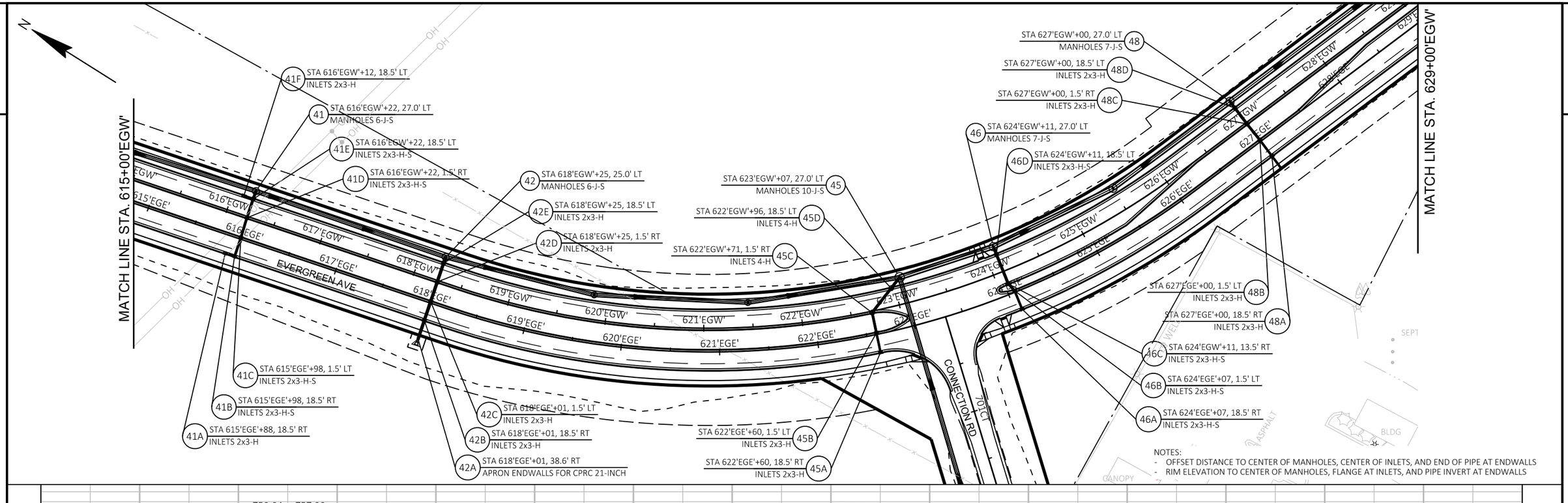


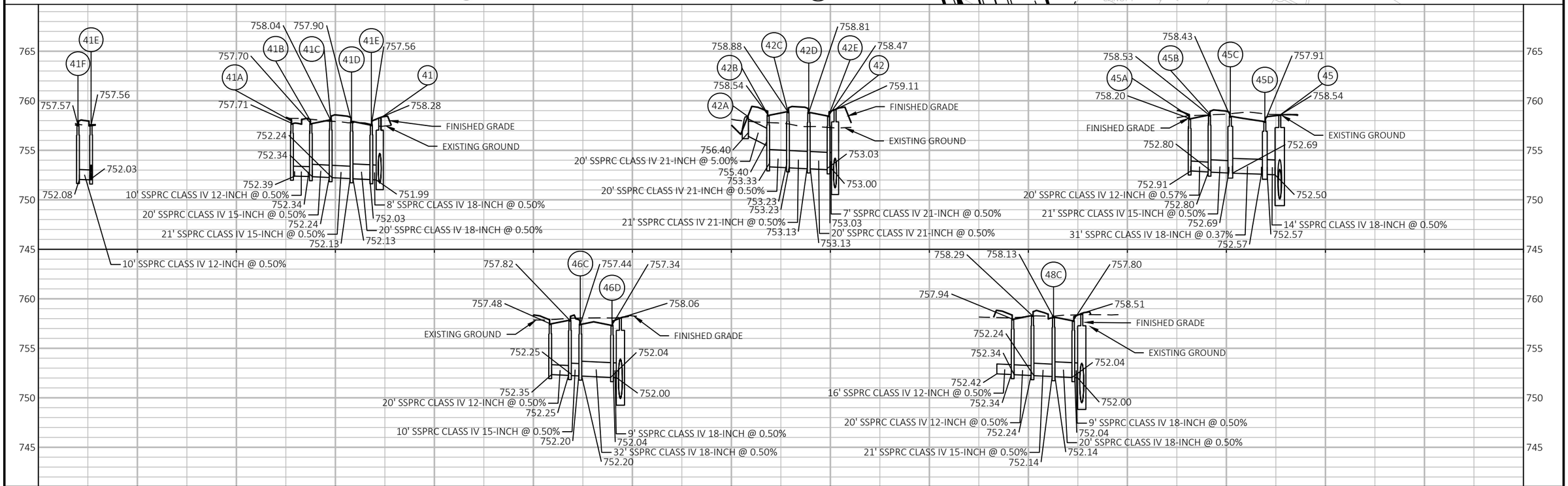
NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSEG.DWG
LAYOUT NAME - 022515
PLOT DATE : 1/22/2020 8:33 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
PRE_199
WISDOT/CADDS SHEET 41





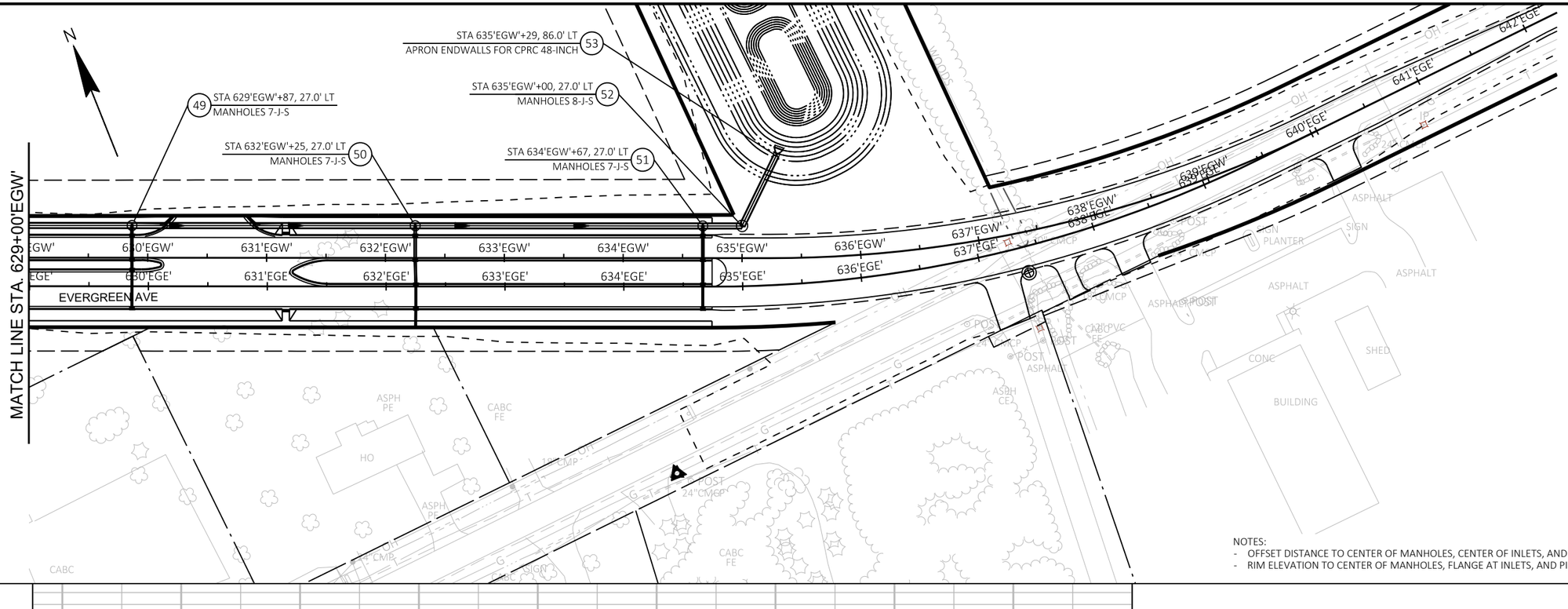
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET PRE_200 E

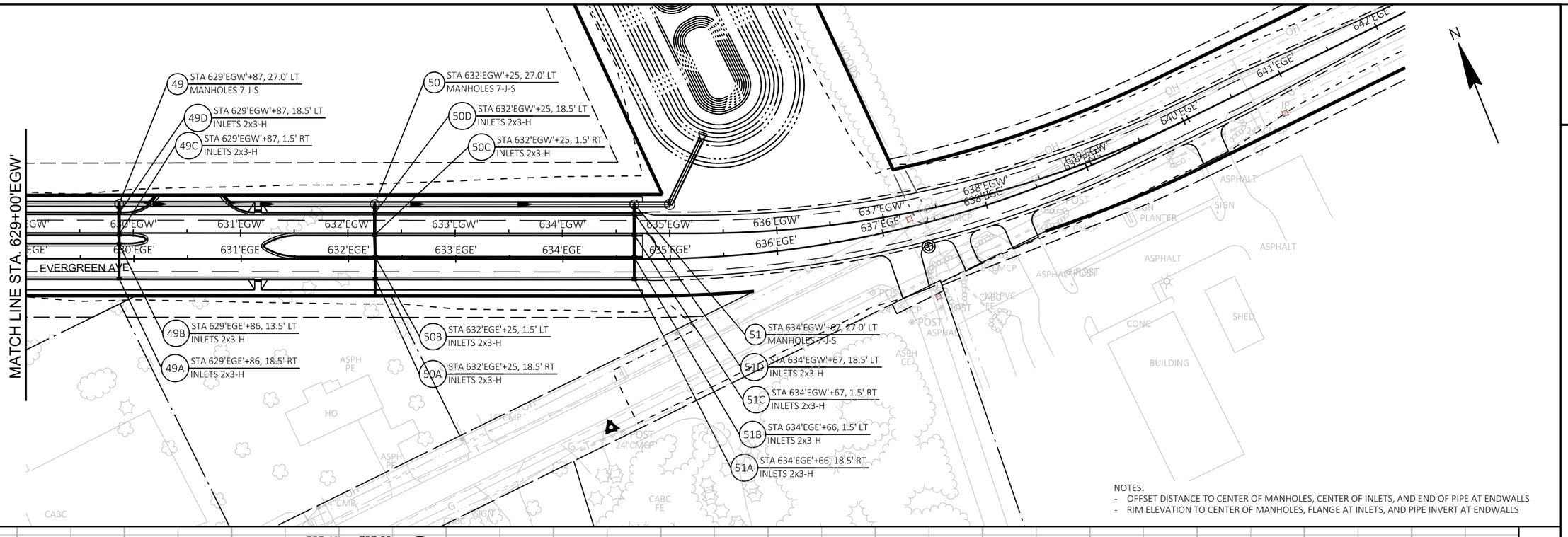
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSEG-LEADS.DWG
LAYOUT NAME - 022516

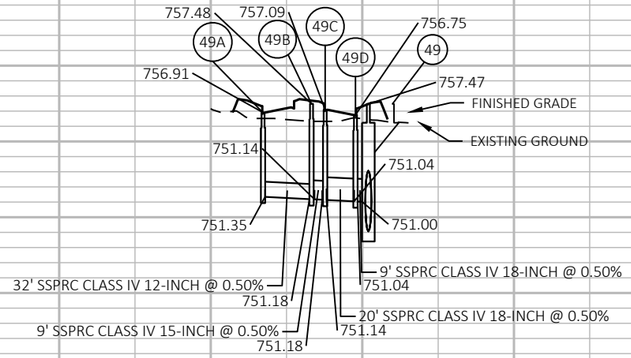
PLOT DATE : 1/22/2020 8:34 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

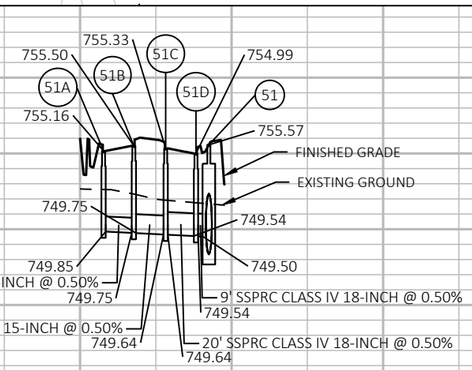
WISDOT/CADDS SHEET 41

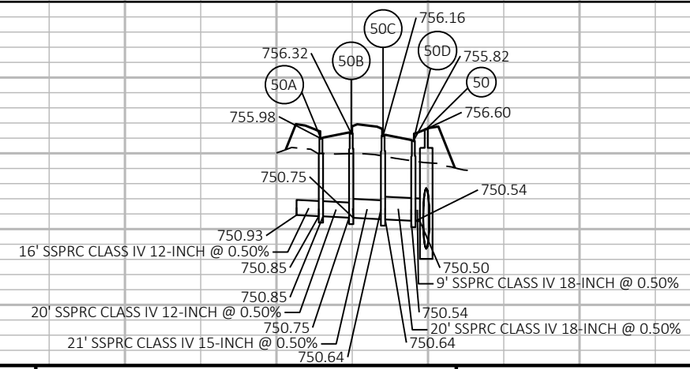
2


N
STA 635'EGW'+29, 86.0' LT
APRON ENDWALLS FOR CPRC 48-INCH
53
STA 635'EGW'+00, 27.0' LT
MANHOLES 8-J-S
52
49
STA 629'EGW'+87, 27.0' LT
MANHOLES 7-J-S
STA 632'EGW'+25, 27.0' LT
MANHOLES 7-J-S
50
STA 634'EGW'+67, 27.0' LT
MANHOLES 7-J-S
51
MATCH LINE STA. 629+00'EGW'
EVERGREEN AVE
630'EGW'
631'EGW'
632'EGW'
633'EGW'
634'EGW'
635'EGW'
636'EGW'
637'EGW'
638'EGW'
639'EGW'
640'EGE'
641'EGE'
642'EGE'
630'EGE'
631'EGE'
632'EGE'
633'EGE'
634'EGE'
635'EGE'
636'EGE'
637'EGE'
638'EGE'
639'EGE'
ASPH PE
CABC FE
HO
ASPH PE
CABC
CABC FE
ASPH CE
POST
ASPHALT
POST
24" CMP
POST
ASPHALT
POST
CMCP
POST
ASPHALT
POST
CMCP
POST
ASPHALT
POST
CMC



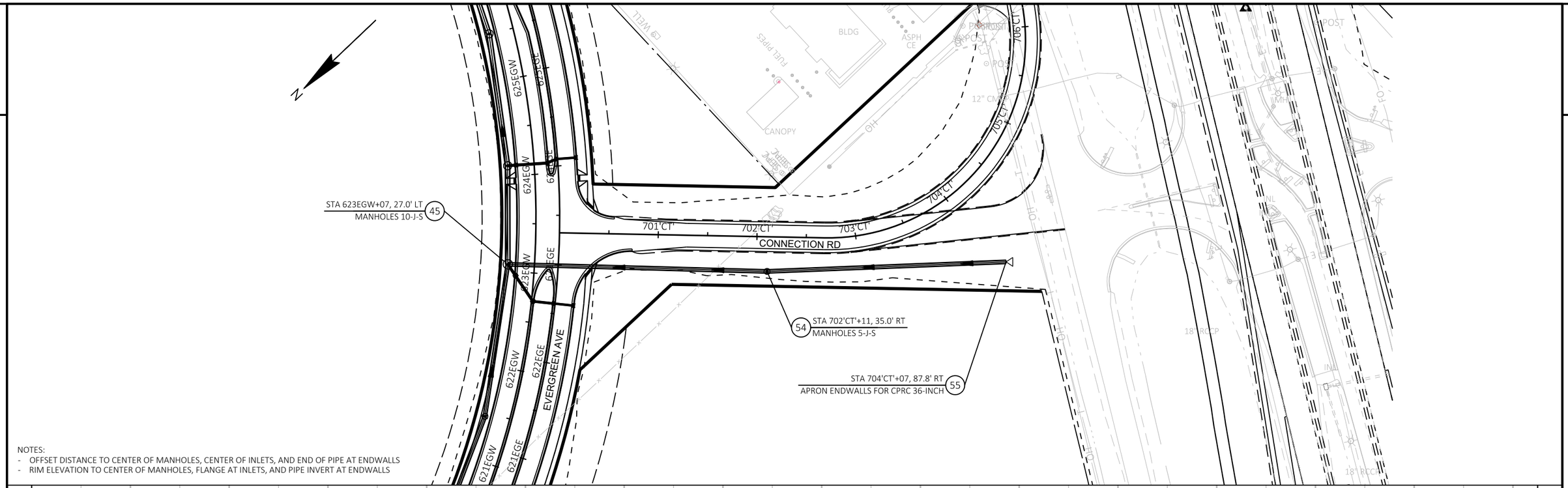




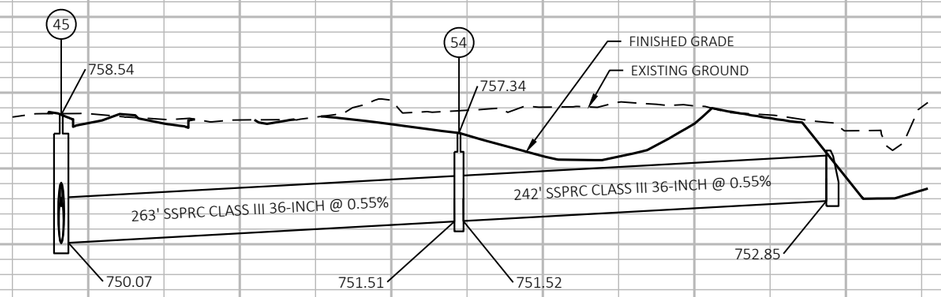


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

2



NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



775 770 765 760 755 750 745 740 735 730

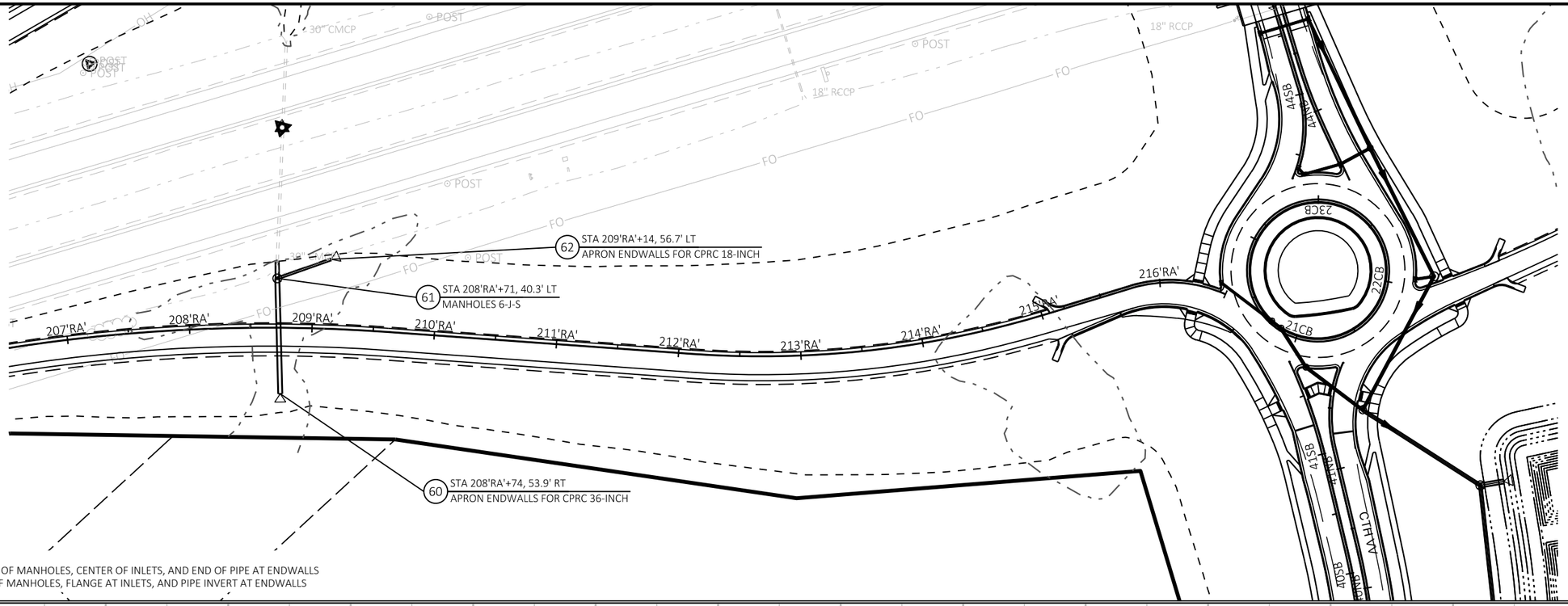
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

PRE_203

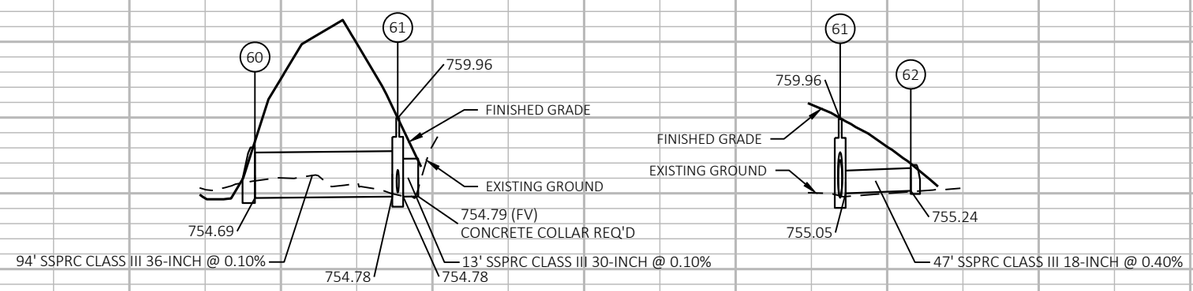
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSCNRD.DWG
LAYOUT NAME - 022519

PLOT DATE : 1/22/2020 8:39 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS



780 775 770 765 760 755 750 745 740 735

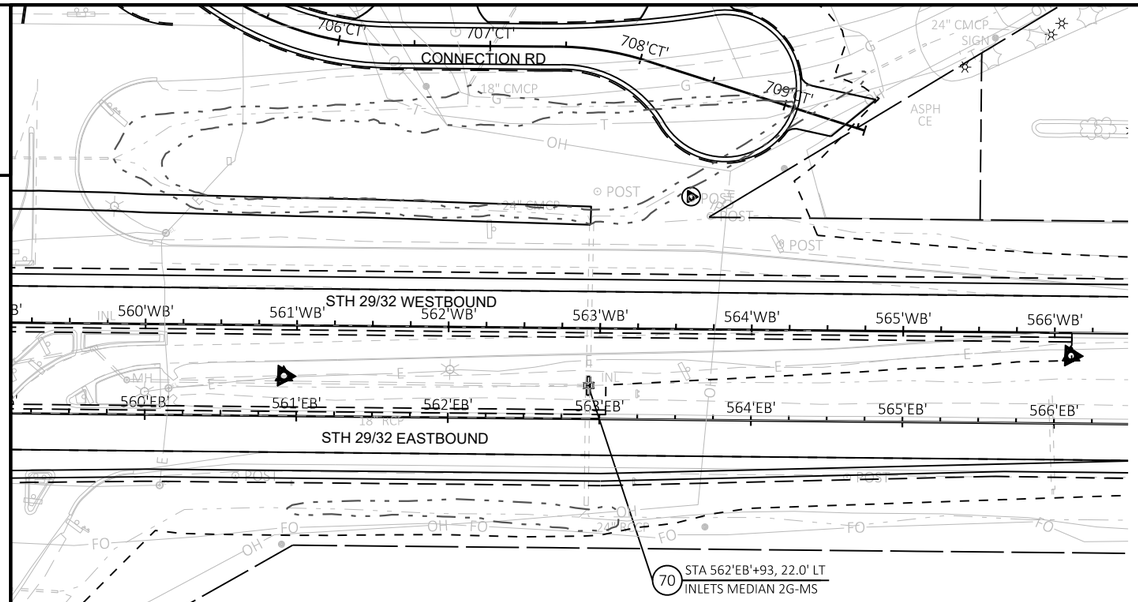
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

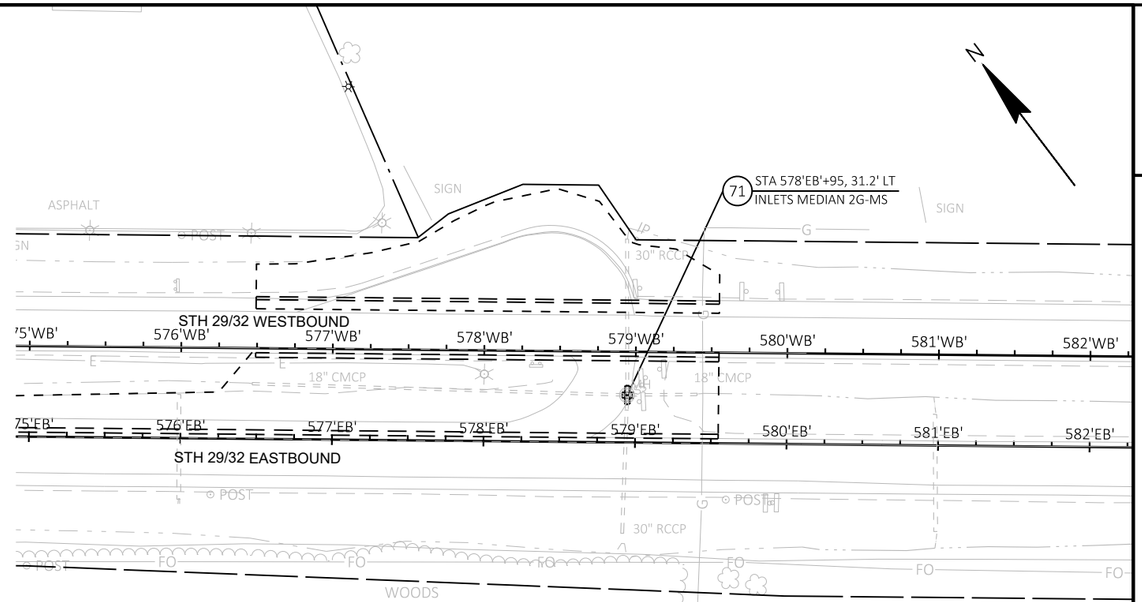
PRE_204

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SSRAMPA.DWG
LAYOUT NAME - 022520

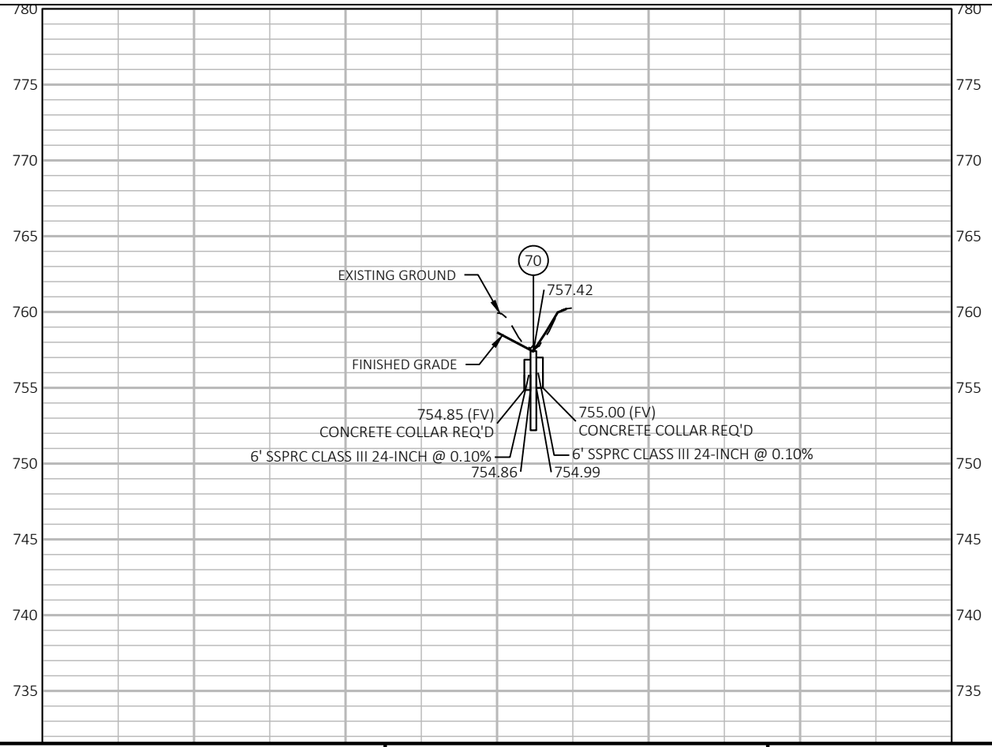
PLOT DATE : 1/22/2020 8:40 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

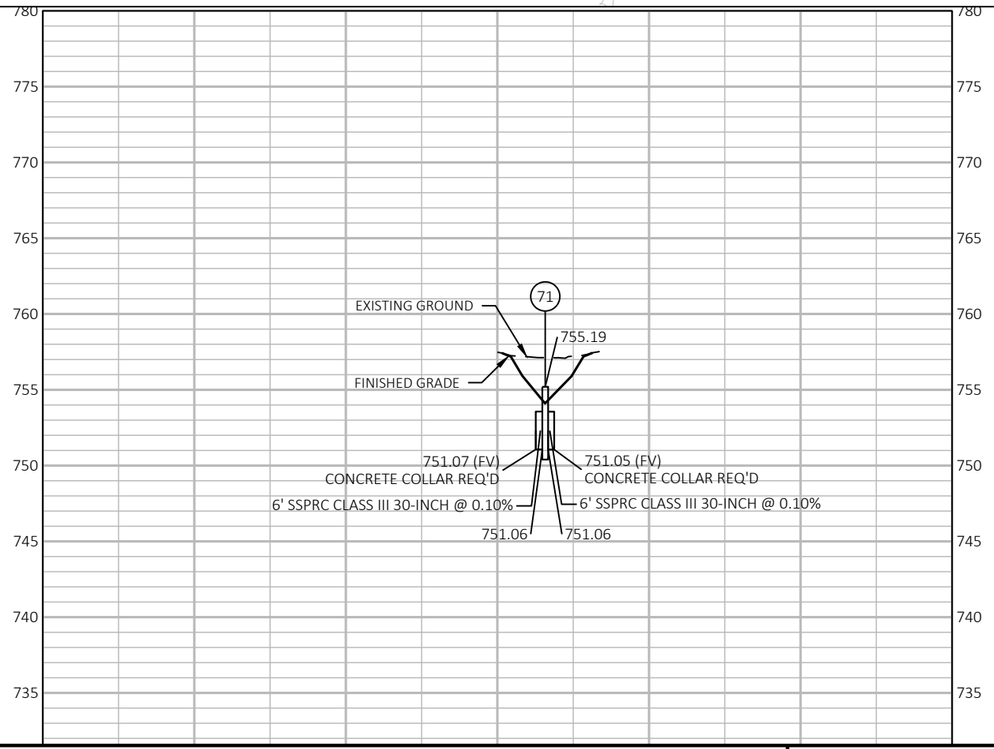
WISDOT/CADDS SHEET 41





NOTES:
- OFFSET DISTANCE TO CENTER OF MANHOLES, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS
- RIM ELEVATION TO CENTER OF MANHOLES, FLANGE AT INLETS, AND PIPE INVERT AT ENDWALLS





PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STORM SEWER	SHEET E

PRE_205

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022501-SS29.DWG
LAYOUT NAME - 022521

PLOT DATE : 1/22/2020 8:42 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41

2

N

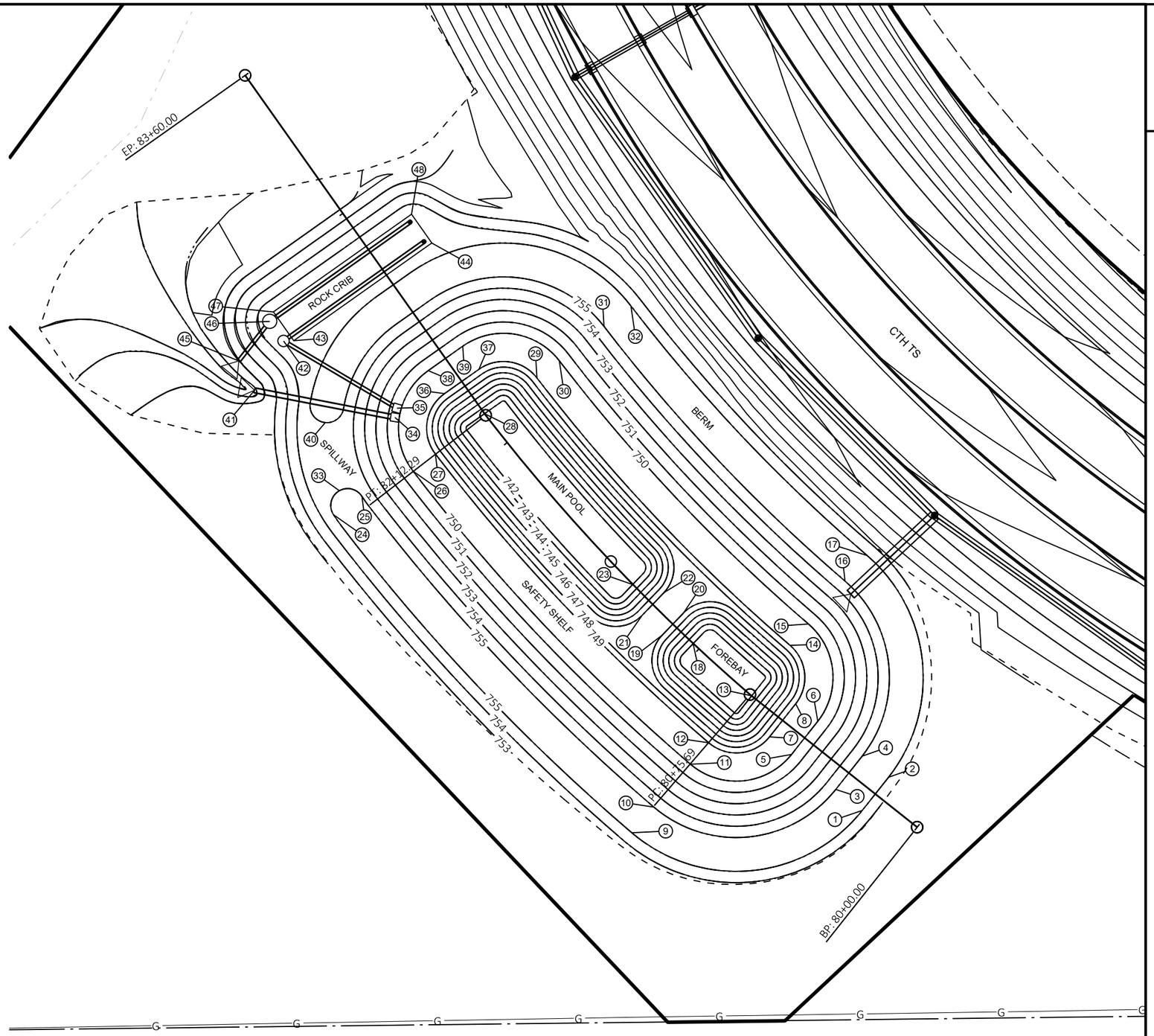
0 20 40

POND STAKING TABLE	
POINT	STATION / OUT
1	80+19, 7.5'LT
2	80+19, 7.5'RT
3	80+31, 7.5'LT
4	80+31, 7.5'RT
5	80+51, 7.5'LT
6	80+51, 7.5'RT
7	80+61, 7.5'LT
8	80+61, 7.5'RT
9	80+76, 64.5'LT
10	80+76, 52.5'LT
11	80+76, 32.5'LT
12	80+76, 22.5'LT
13	80+75, 0'
14	80+76, 22.5'RT

POND STAKING TABLE	
POINT	STATION / OUT
15	80+76, 32.5'RT
16	80+74, 52.5'RT
17	80+74, 64.5'RT
18	81+03, 0'
19	81+13, 5.5'LT
20	81+13, 5.5'RT
21	81.23, 5.5'LT
22	81+23, 5.5'RT
23	81+33, 0'
24	82+15, 64.5'LT
25	82+14, 52.5'LT
26	82+12, 32.5'LT
27	82+12, 22.5'LT
28	82+13, 0'

POND STAKING TABLE	
POINT	STATION / OUT
29	82+12, 22.5'RT
30	82+13, 32.5'RT
31	82+14, 52.5'RT
32	82+14, 64.5'RT
33	82+20, 57.5'LT
34	82+30, 26.7'LT
35	82+33, 24.2'LT
36	82+27, 7.5'LT
37	82+27, 7.5'RT
38	82+37, 7.5'LT
39	82+37, 7.5'RT
40	82+43, 47.5'LT
41	82+67, 61.8'LT
42	82+75, 43.3'LT

POND STAKING TABLE	
POINT	STATION / OUT
43	82+73, 40.3'LT
44	82+73, 19.7'LT
45	82+79, 60.3'LT
46	82+84, 43.3'LT
47	82+86, 40.3'LT
48	82+86, 19.7'RT



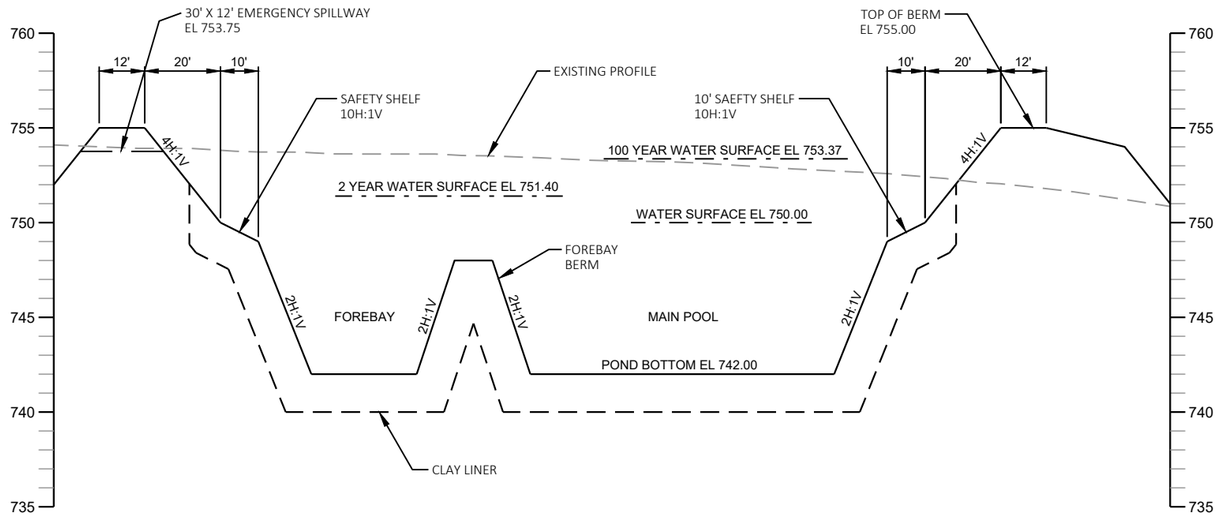
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - PLAN	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022006-EC-CTH TS POND.DWG PLOT DATE : 1/22/2020 8:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_206

WISDOT/CADDS SHEET 42

2



TYPICAL SECTION
CTH TS DETENTION POND

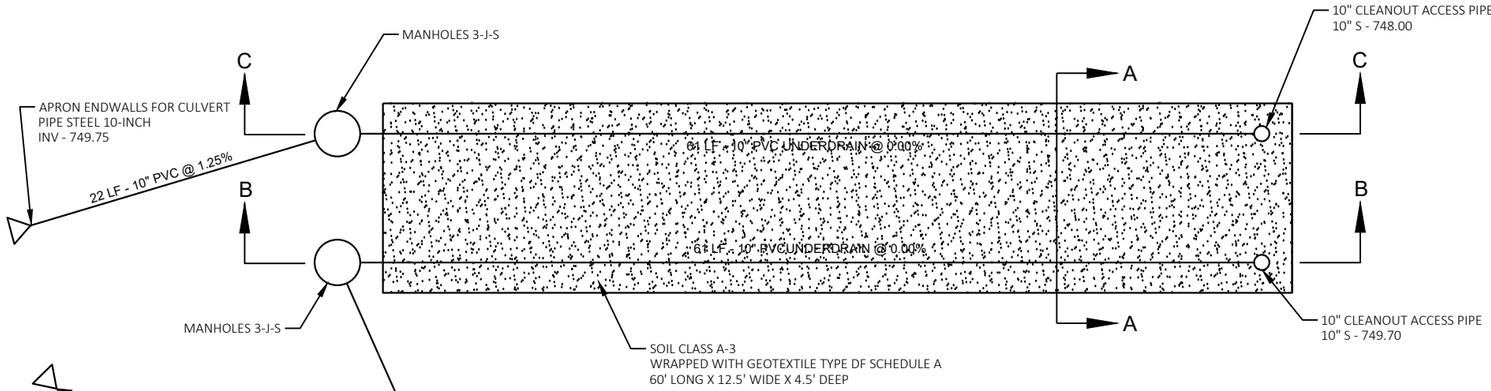
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - SECTION	SHEET	E

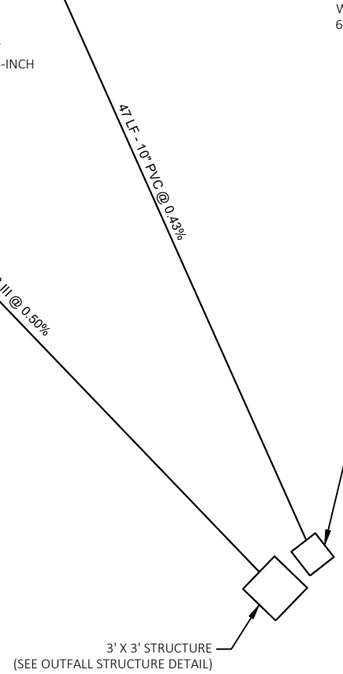
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022006-EC-CTH TS POND.DWG PLOT DATE : 1/22/2020 8:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_207

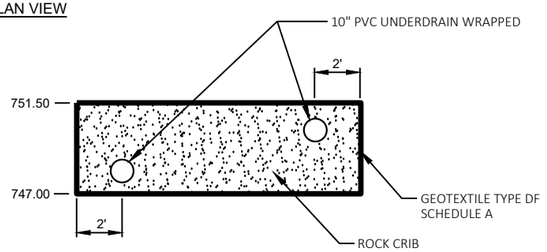
WISDOT/CADDS SHEET 42

2

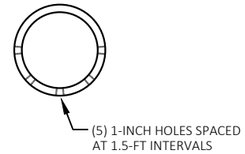




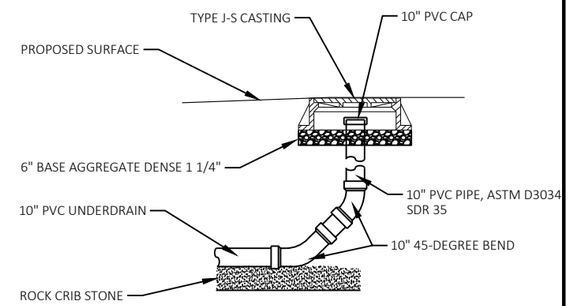
ROCK CRIB PLAN VIEW



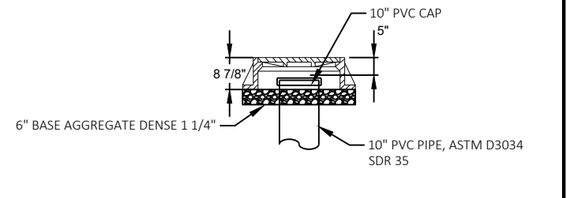
SECTION A-A



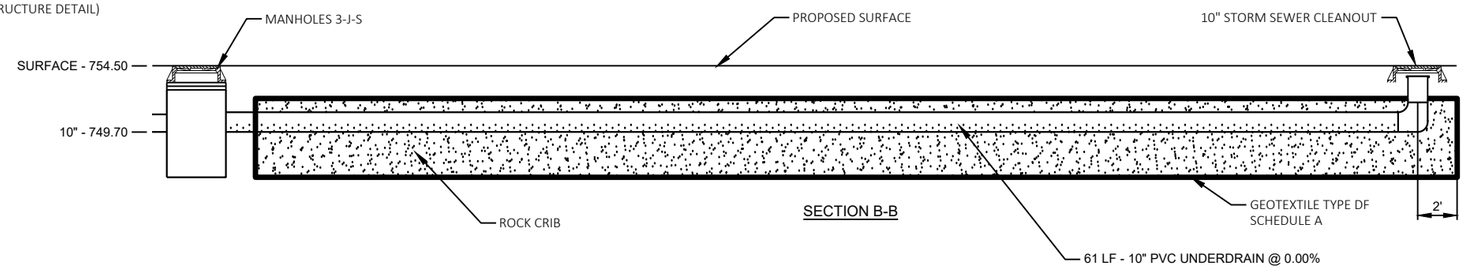
PERFORATIONS



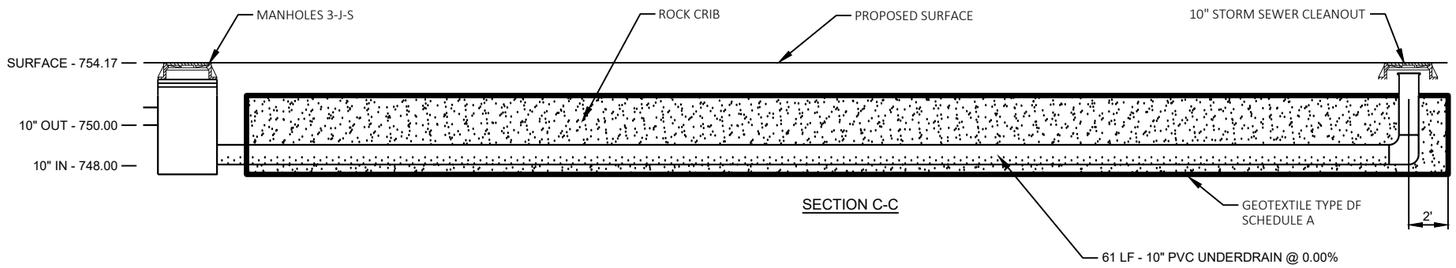
SECTION



STORM SEWER CLEANOUT

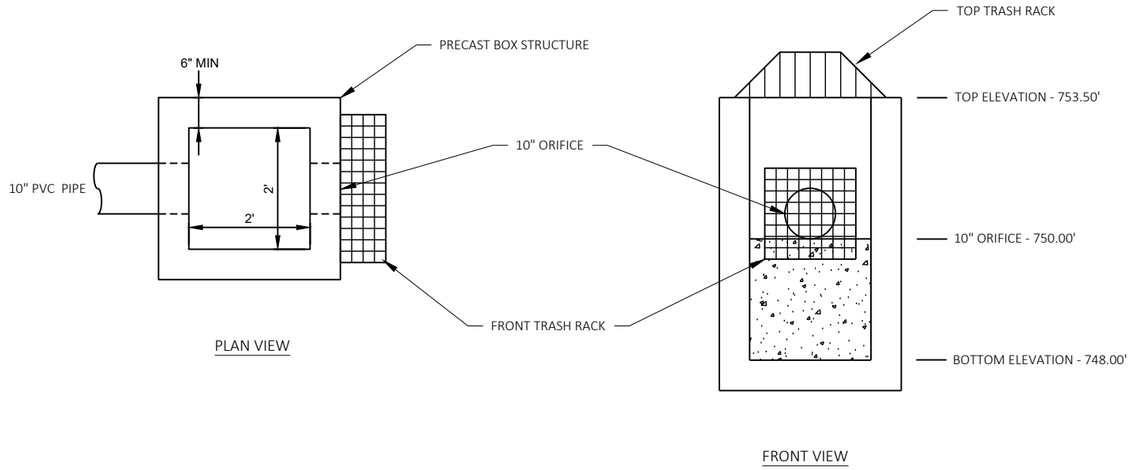


SECTION B-B



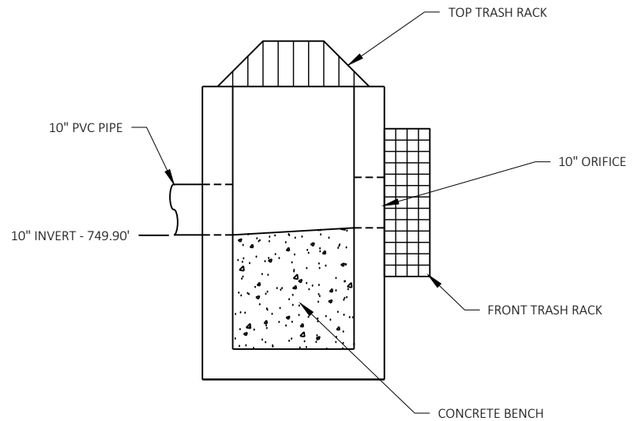
SECTION C-C

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - OUTFALL STRUCTURES AND ROCK CRIB DETAILS	SHEET	E



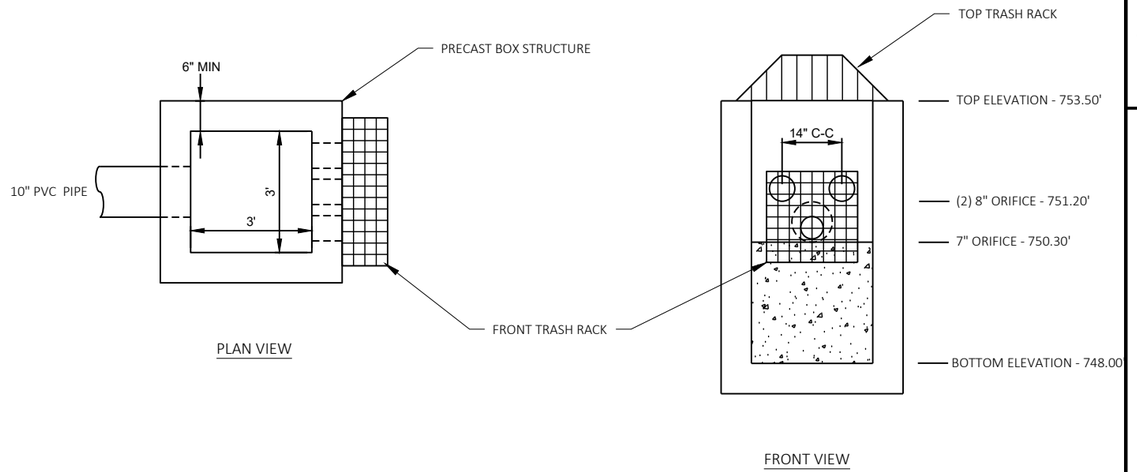
PLAN VIEW

FRONT VIEW



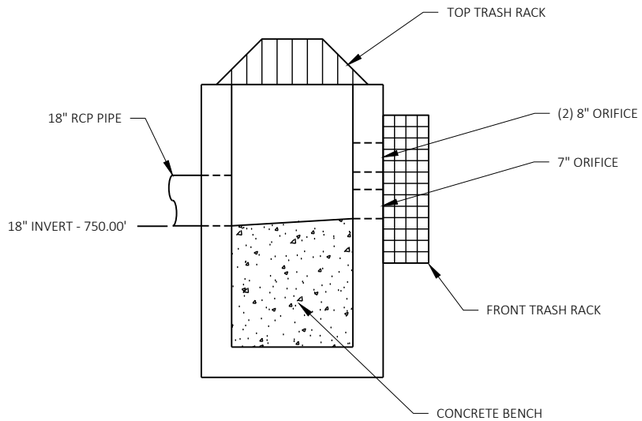
SIDE VIEW

ROCK CRIB POND OUTFALL STRUCTURE



PLAN VIEW

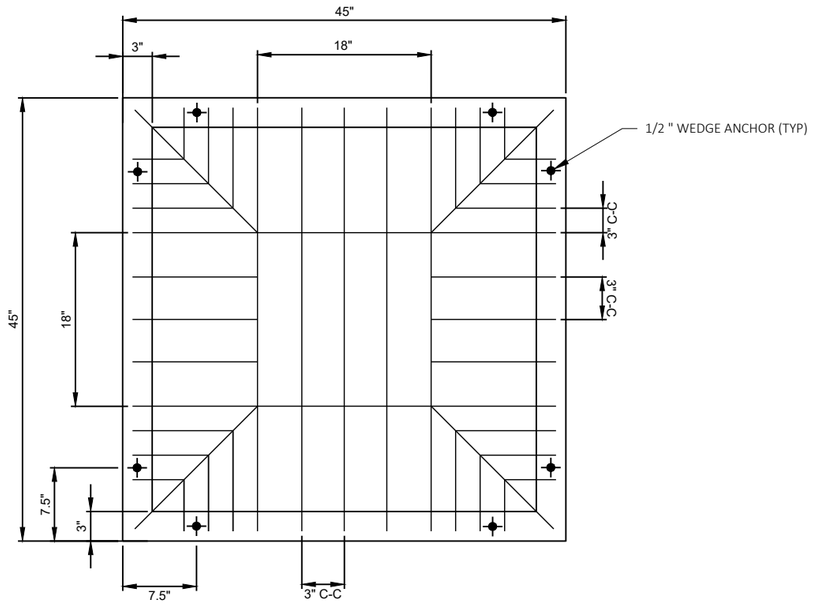
FRONT VIEW



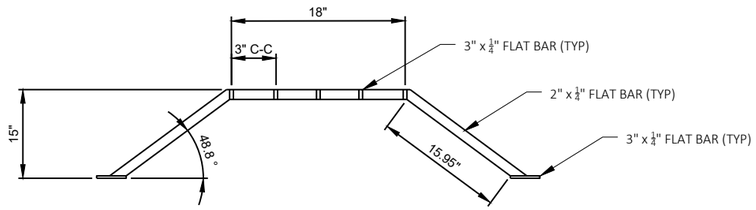
SIDE VIEW

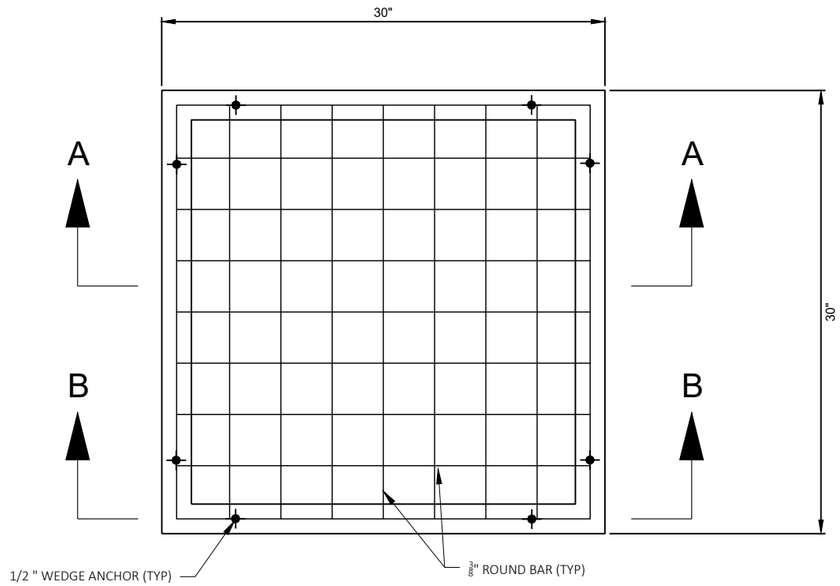
POND OUTFALL STRUCTURE

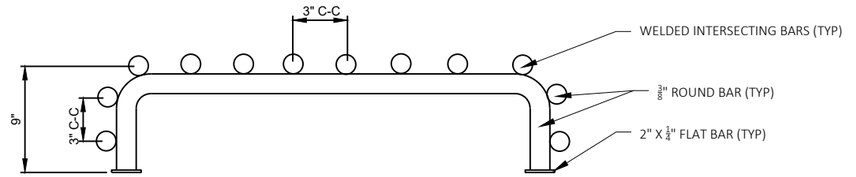
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - OUTFALL STRUCTURE DETAILS	SHEET E



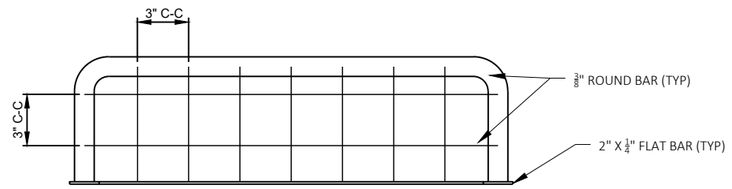
TOP TRASH RACK







SECTION A-A



SECTION B-B

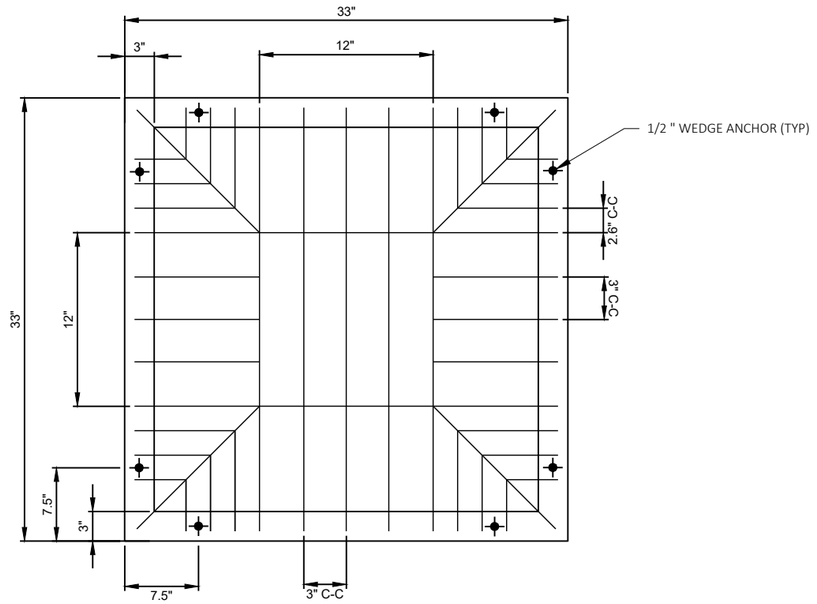
FRONT TRASH RACK

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - POND OUTFALL TRASH RACKS	SHEET	E

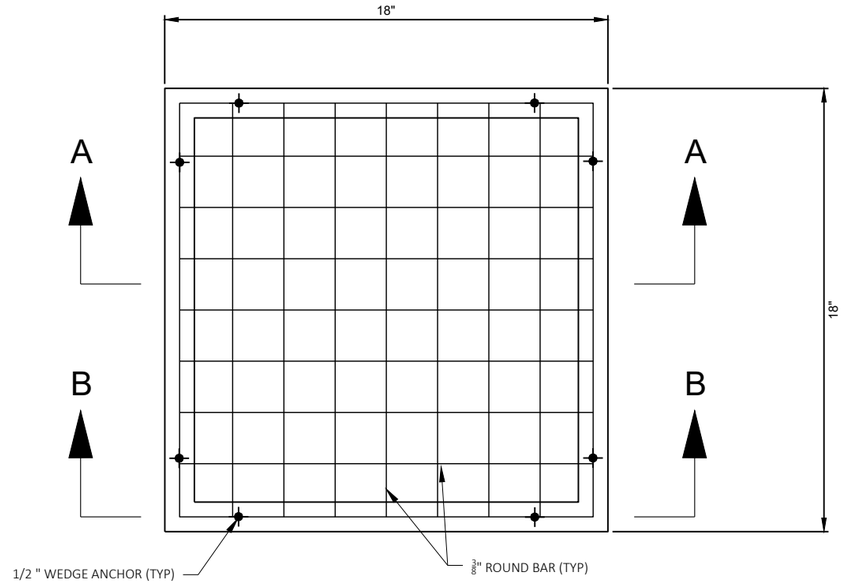
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022006-EC-CTH TS POND.DWG PLOT DATE : 1/22/2020 8:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

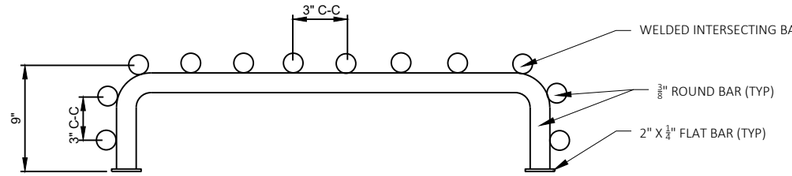
PRE_210

WISDOT/CADDS SHEET 42

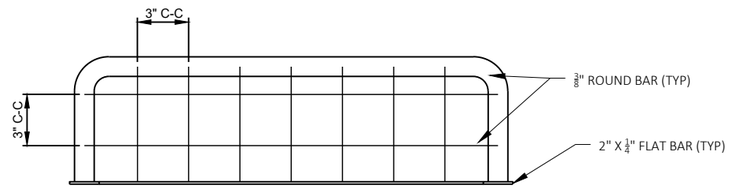


TOP TRASH RACK

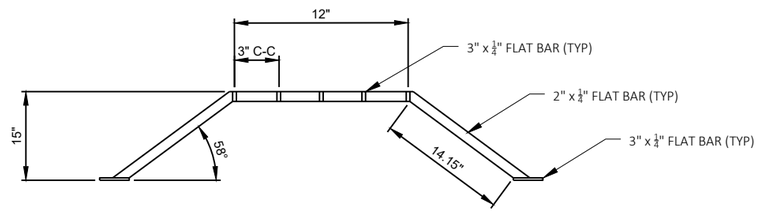




SECTION A-A



SECTION B-B



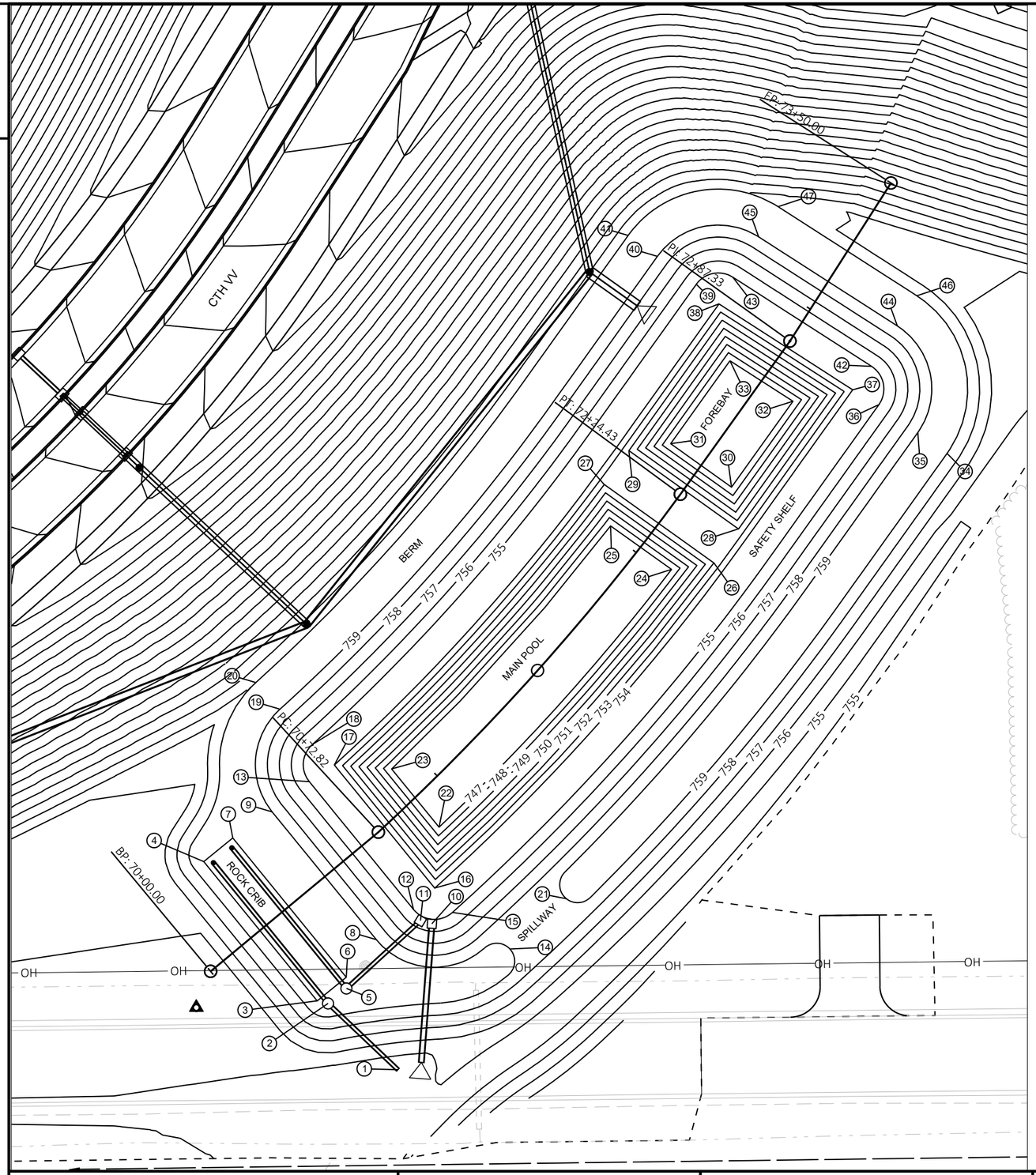
FRONT TRASH RACK

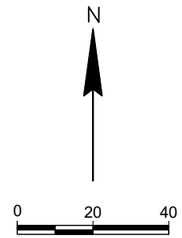
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH TS DETENTION POND - ROCK CRIB OUTFALL TRASH RACKS	SHEET	E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022006-EC-CTH TS POND.DWG PLOT DATE : 1/22/2020 8:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_211

WISDOT/CADDS SHEET 42





POND STAKING TABLE	
POINT	STATION / OUT
1	70+27, 65.2'RT
2	70+23, 33.3'RT
3	70+21, 30.3'RT
4	70+22, 29.7'LT
5	70+31, 33.4'RT
6	70+34, 30.4'RT
7	70+34, 29.6'LT
8	70+49, 27.2'RT
9	70+50, 27.8'LT
10	70+67, 35.0'RT
11	70+65, 31.7'RT
12	70+65, 27.4'RT
13	70+66, 27.7'LT
14	70+78, 58.5'RT

POND STAKING TABLE	
POINT	STATION / OUT
15	70+73, 36.5'RT
16	70+74, 26.5'RT
17	70+77, 26.5'LT
18	70+77, 36.5'LT
19	70+77, 52.5'LT
20	70+77, 64.5'LT
21	71+02, 59.5'RT
22	70+89, 12.7'RT
23	70+91, 12.3'LT
24	72+03, 12.7'RT
25	72+02, 12.3'RT
26	72+13, 22.6'RT
27	72+12, 22.4'LT
28	72+26, 22.5'RT

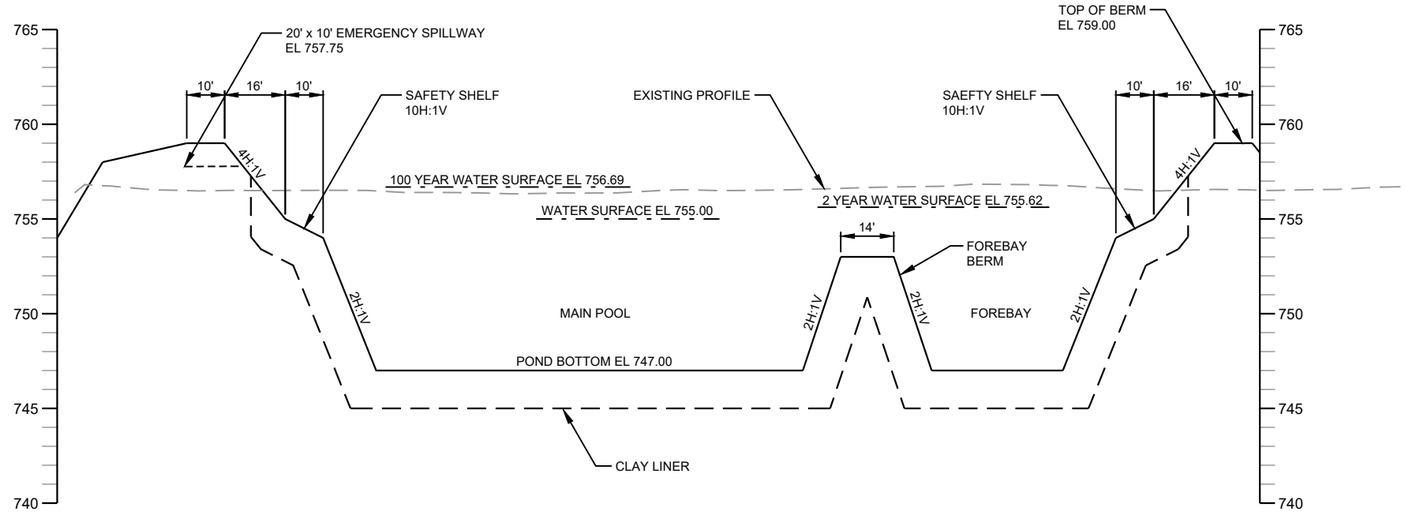
POND STAKING TABLE	
POINT	STATION / OUT
29	72+26, 22.5'LT
30	72+36, 12.5'RT
31	72+36, 12.5'LT
32	72+72, 12.5'RT
33	72+70, 12.5'LT
34	72+87, 64.5'RT
35	72+87, 52.5'RT
36	72+87, 36.5'RT
37	72+86, 26.5'RT
38	72+84, 26.5'LT
39	72+85, 36.5'LT
40	72+85, 52.5'LT
41	72+85, 64.5'LT
42	72+95, 27.5'RT

POND STAKING TABLE	
POINT	STATION / OUT
43	72+95, 27.5'LT
44	73+11, 27.5'RT
45	73+11, 27.5'LT
46	73+23, 27.5'RT
47	72+23, 27.5'LT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - PLAN	SHEET	E

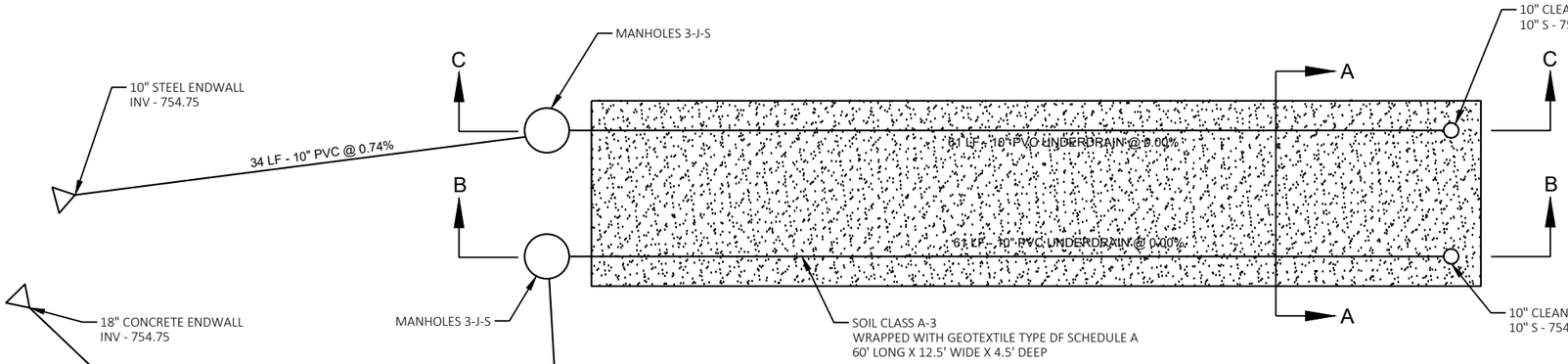
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022007-EC-CTH VV POND.DWG PLOT DATE : 1/22/2020 8:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

2

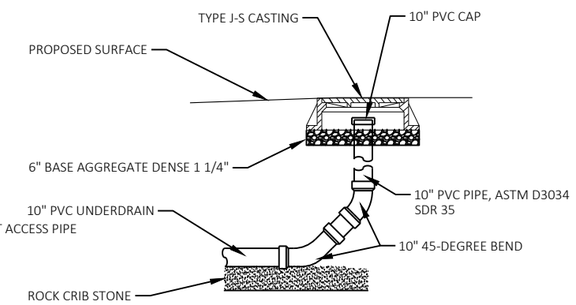


TYPICAL SECTION
CTH VV DETENTION POND

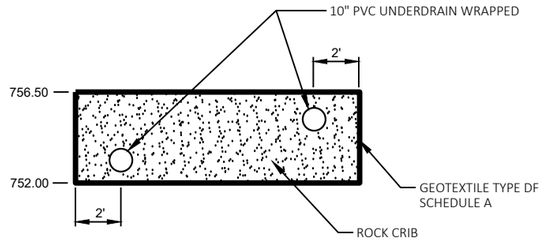
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - SECTION	SHEET	E



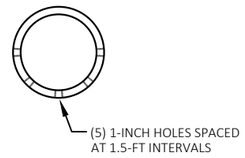
ROCK CRIB PLAN VIEW



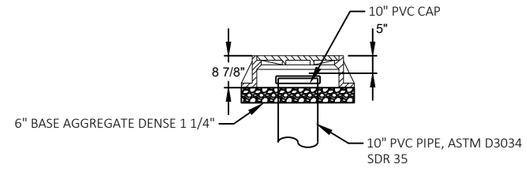
SECTION



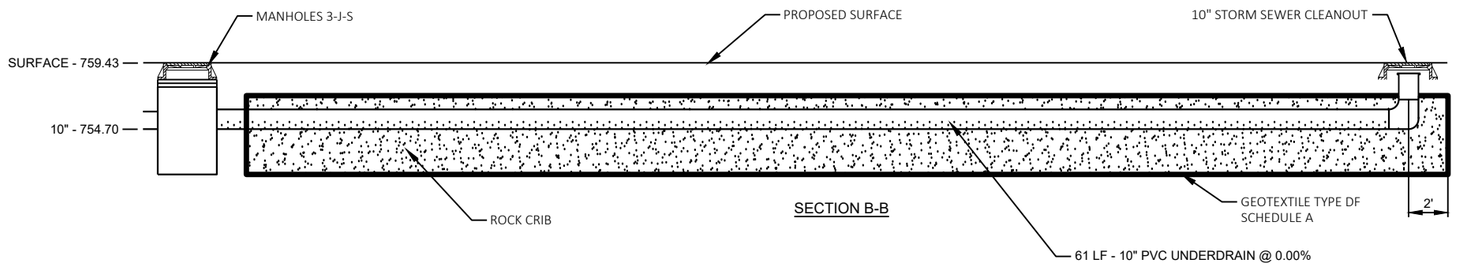
SECTION A-A



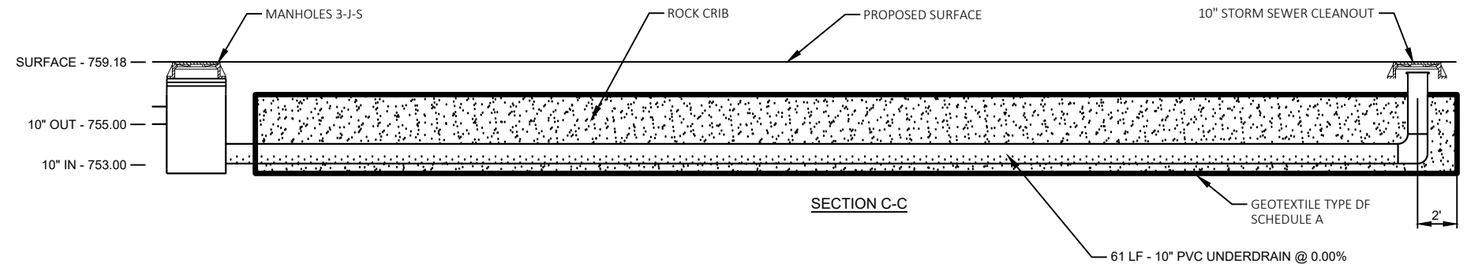
PERFORATIONS



STORM SEWER CLEANOUT

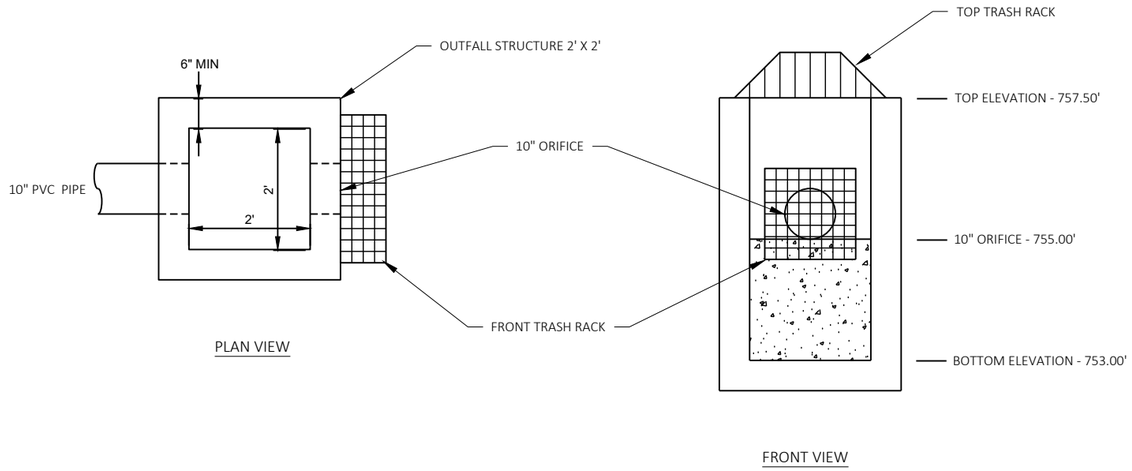


SECTION B-B



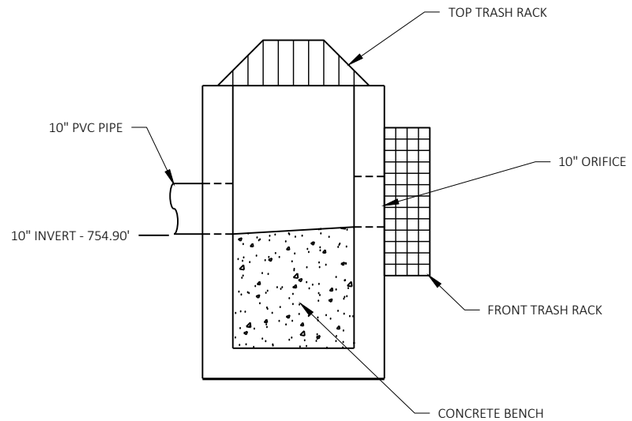
SECTION C-C

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - OUTFALL STRUCTURES AND ROCK CRIB DETAILS	SHEET	E

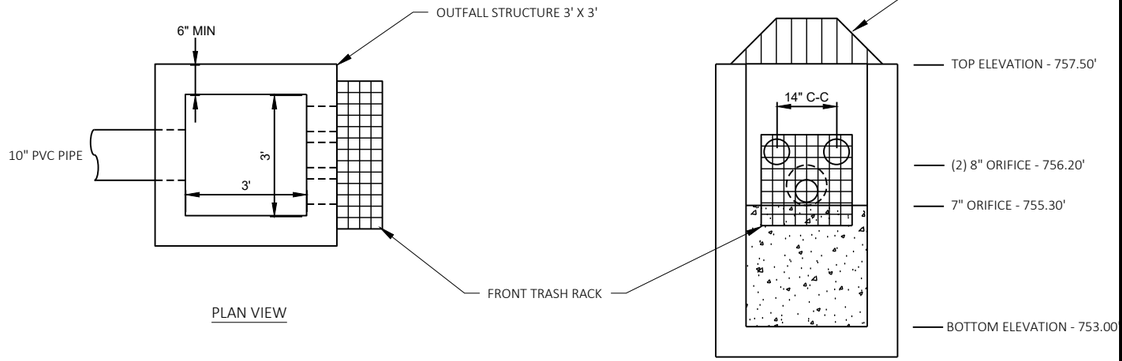


PLAN VIEW

FRONT VIEW

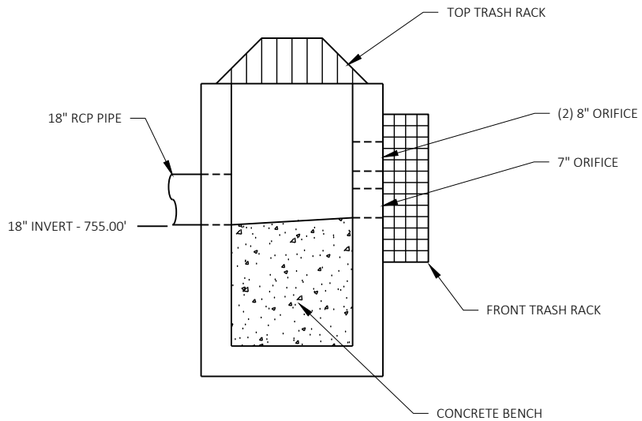


SIDE VIEW



PLAN VIEW

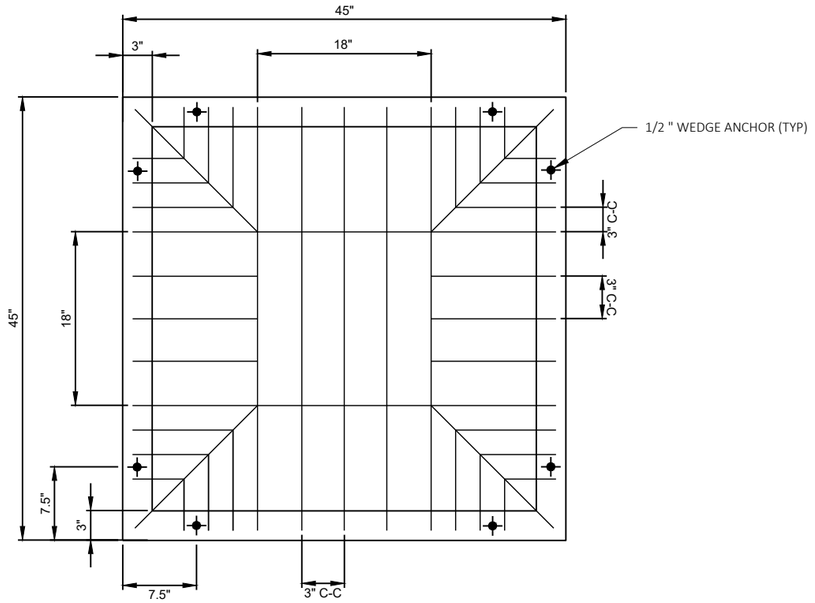
FRONT VIEW



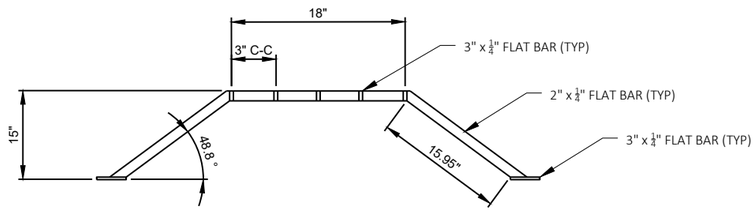
SIDE VIEW

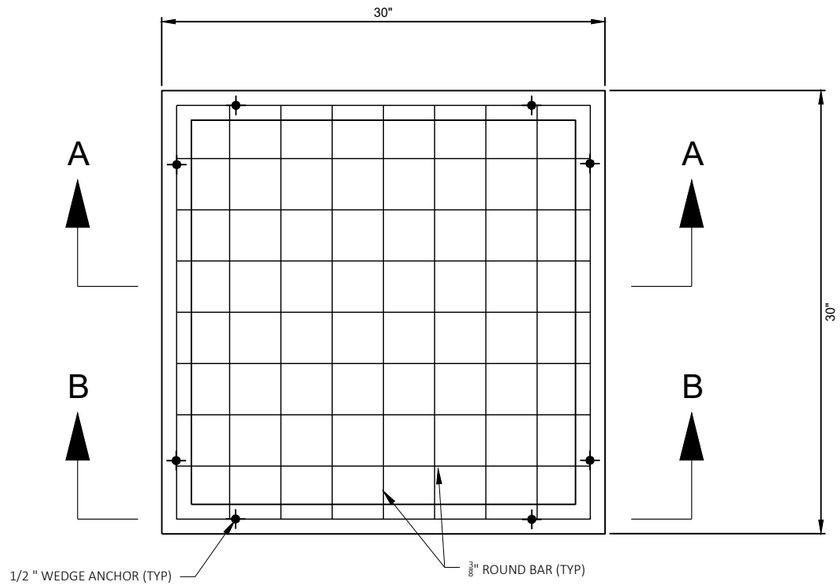
POND OUTFALL STRUCTURE

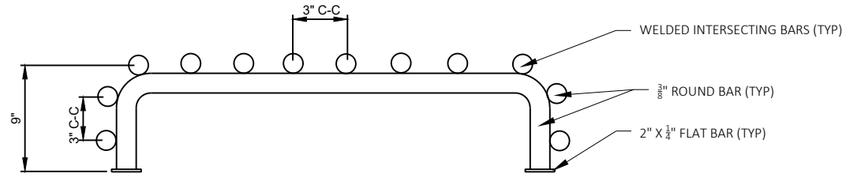
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - OUTFALL STRUCTURE DETAILS	SHEET E



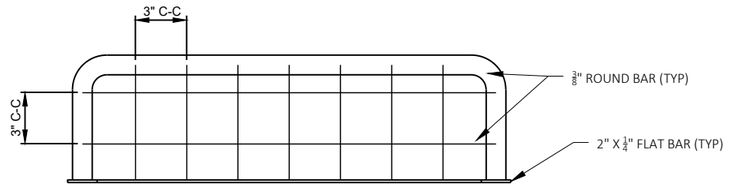
TOP TRASH RACK







SECTION A-A



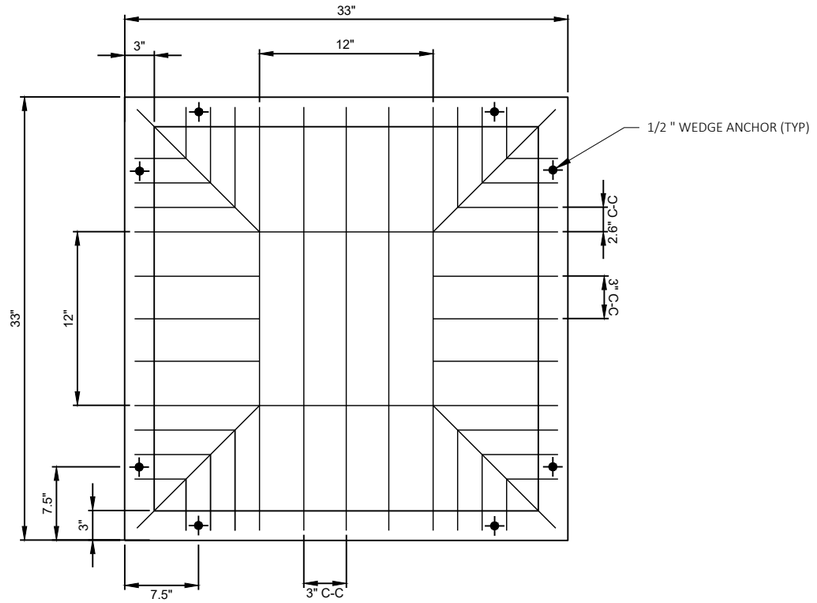
SECTION B-B

FRONT TRASH RACK

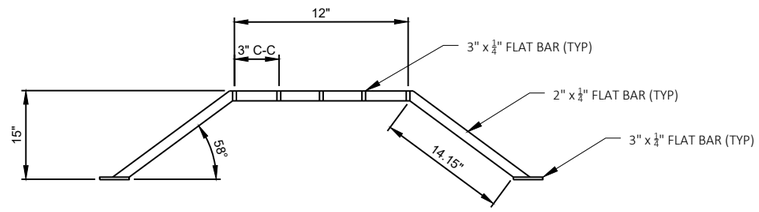
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - POND OUTFALL TRASH RACKS	SHEET	E

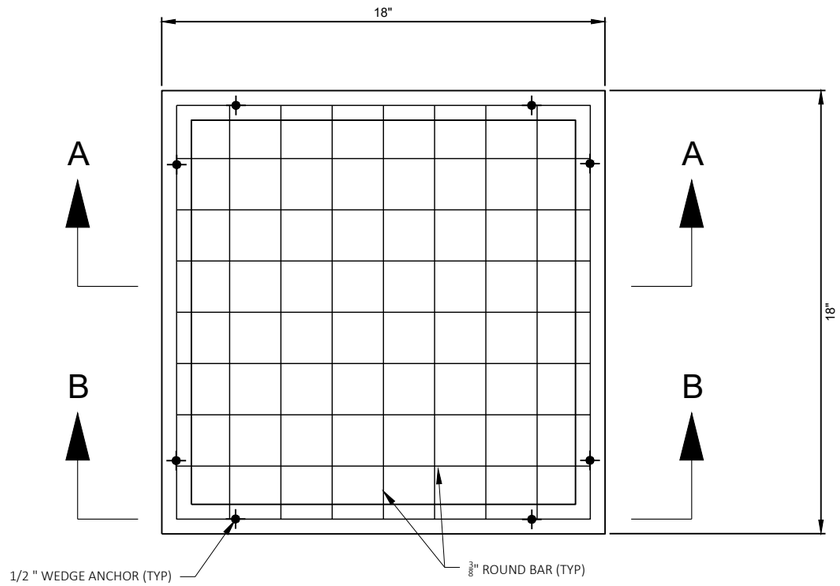
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022007-EC-CTH VV POND.DWG PLOT DATE : 1/22/2020 8:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

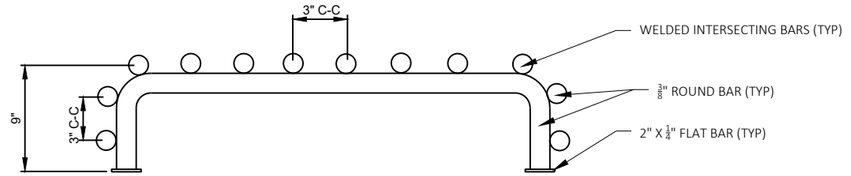
PRE_216



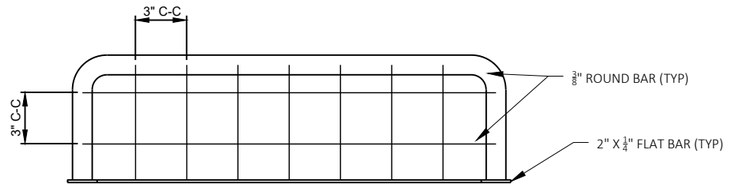
TOP TRASH RACK







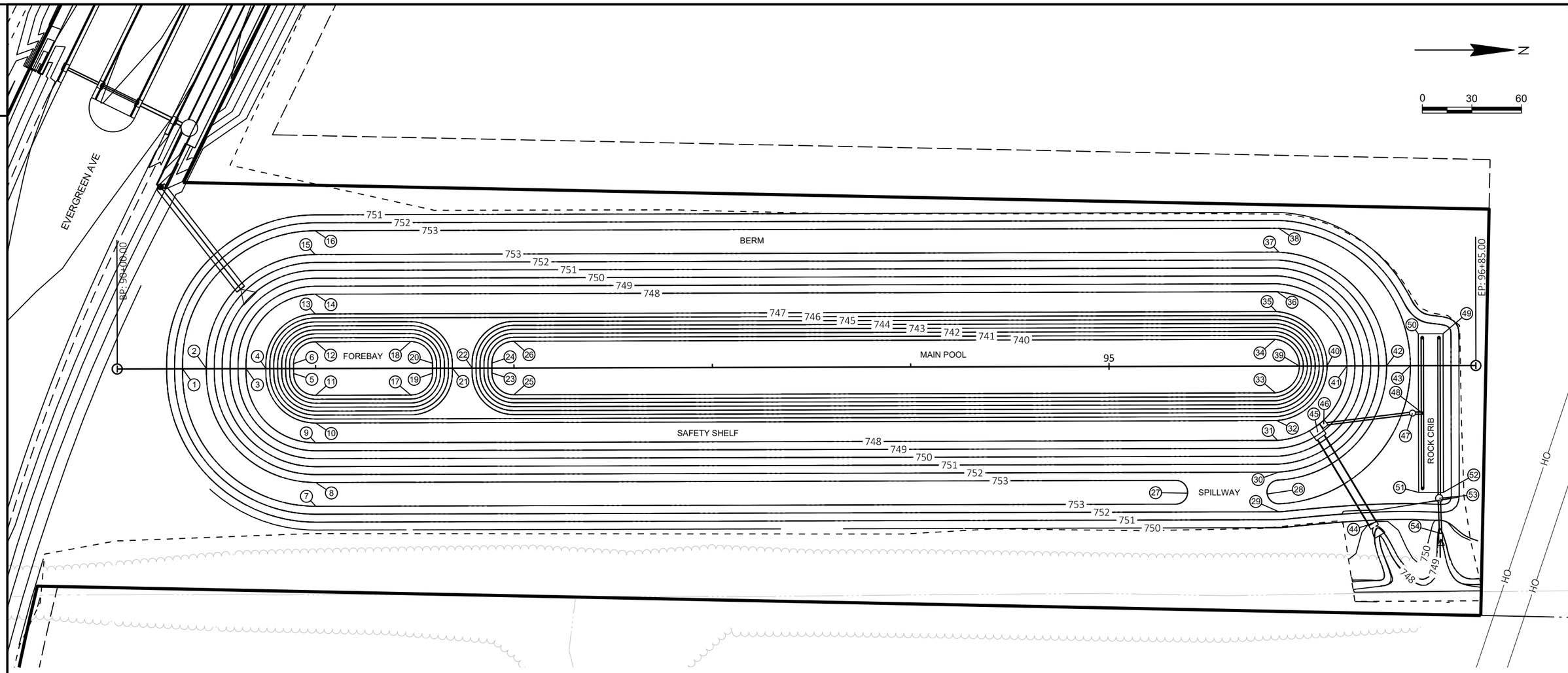
SECTION A-A



SECTION B-B

FRONT TRASH RACK

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CTH VV DETENTION POND - ROCK CRIB OUTFALL TRASH RACKS	SHEET E



POND STAKING TABLE	
POINT	STATION / OUT
1	90+33, 0'
2	90+45, 0'
3	90+65, 0'
4	90+75, 0'
5	90+89, 2.5'RT
6	90+89, 2.5'LT
7	91+00, 69.5'RT
8	91+00, 57.5'RT
9	91+00, 37.5'RT
10	91+00, 27.5'RT
11	91+00, 13.5'RT
12	91+00, 13.5'LT
13	91+00, 27.5'LT
14	91+00, 37.5'LT

POND STAKING TABLE	
POINT	STATION / OUT
15	91+00, 57.5'LT
16	91+00, 69.5'LT
17	91+48, 13.5'RT
18	91+48, 13.5'LT
19	91+59, 2.5'RT
20	91+59, 2.5'LT
21	91+69, 0'
22	91+79, 0'
23	91+89, 2.5'RT
24	91+89, 2.5'LT
25	92+00, 13.5'RT
26	92+00, 13.5'LT
27	95+40, 63.5'RT
28	95+80, 63.5'RT

POND STAKING TABLE	
POINT	STATION / OUT
29	95+86, 73.5'RT
30	95+85, 53.5'RT
31	95+85, 37.5'RT
32	95+85, 27.5'RT
33	95+84, 13.5'RT
34	95+84, 13.5'LT
35	95+85, 27.5'LT
36	95+85, 37.5'LT
37	95+86, 57.5'LT
38	95+86, 69.5'LT
39	95+96, 0'
40	96+10, 0'
41	96+20, 0'
42	96+40, 0'

POND STAKING TABLE	
POINT	STATION / OUT
43	96+52, 0'
44	96+33, 79.5'RT
45	96+05, 33.5'RT
46	96+08, 29.5'RT
47	96+53, 24'RT
48	96+58, 24'RT
49	96+68.5, 16'LT
50	96+56, 16'LT
51	96+56, 64'RT
52	96+68.5, 64'RT
53	96+66, 67'RT
54	96+67, 85'RT

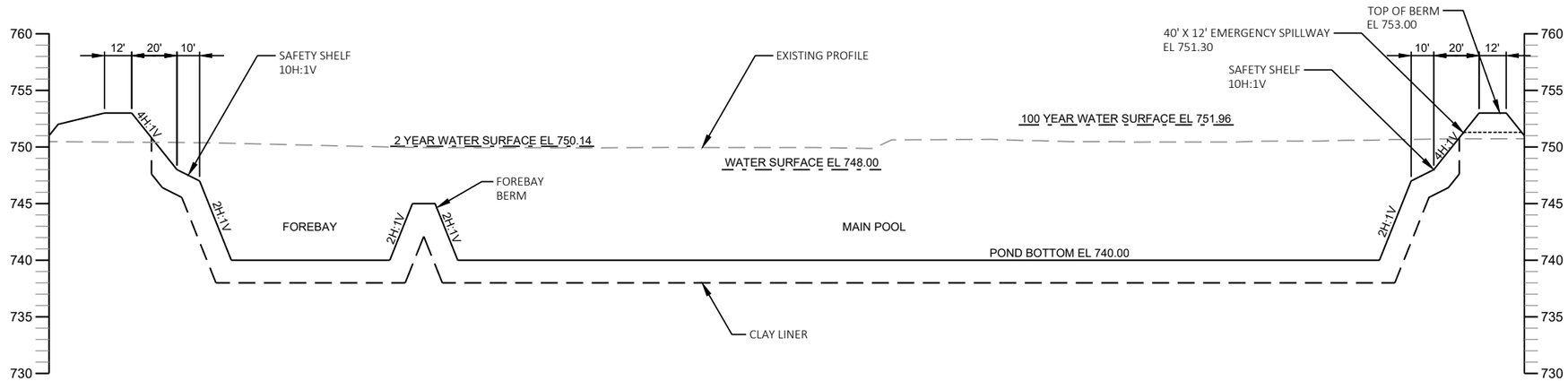
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - PLAN	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022008-EC-EVERGREEN POND.DWG PLOT DATE : 1/22/2020 8:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_218

WISDOT/CADDS SHEET 42

2



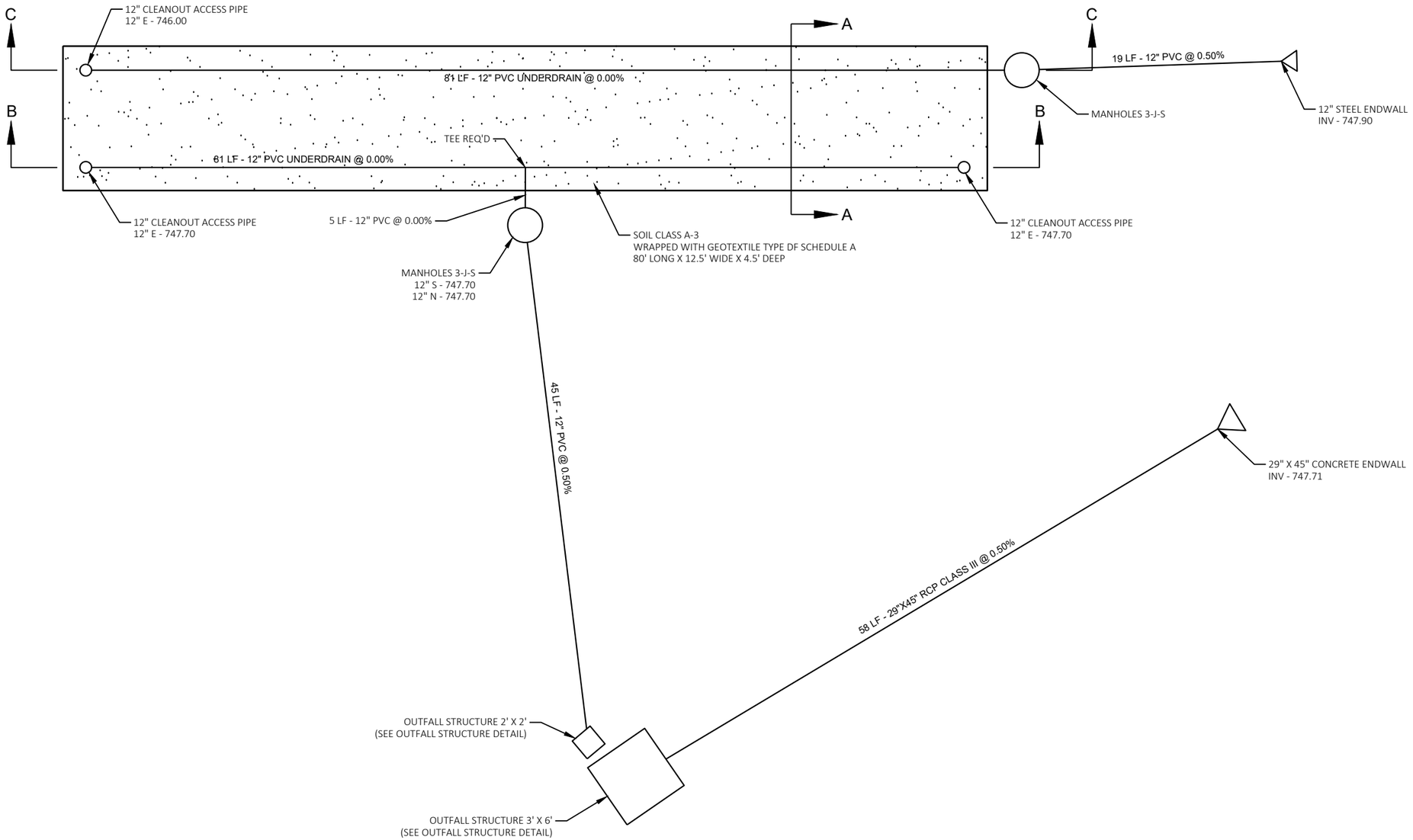
TYPICAL SECTION
EVERGREEN AVENUE DETENTION POND

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - SECTION	SHEET	E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022008-EC-EVERGREEN POND.DWG PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

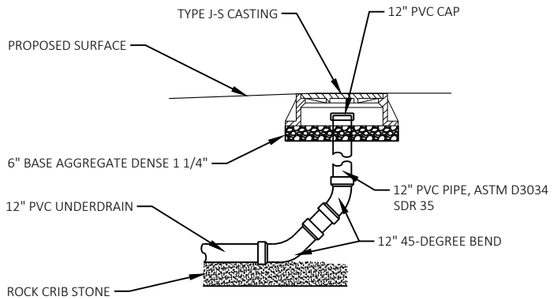
PRE_219

2

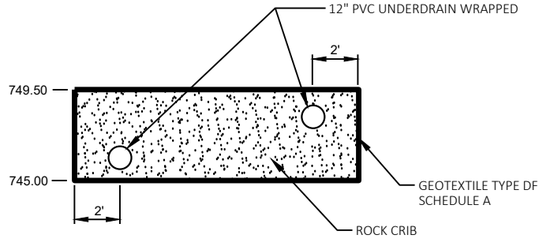


ROCK CRIB PLAN VIEW

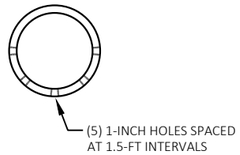
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - OUTFALL STRUCTURES AND ROCK CRIB	SHEET	E



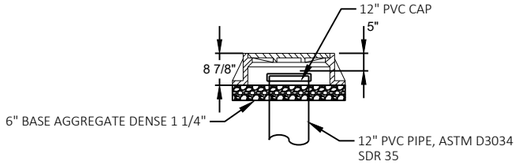
SECTION



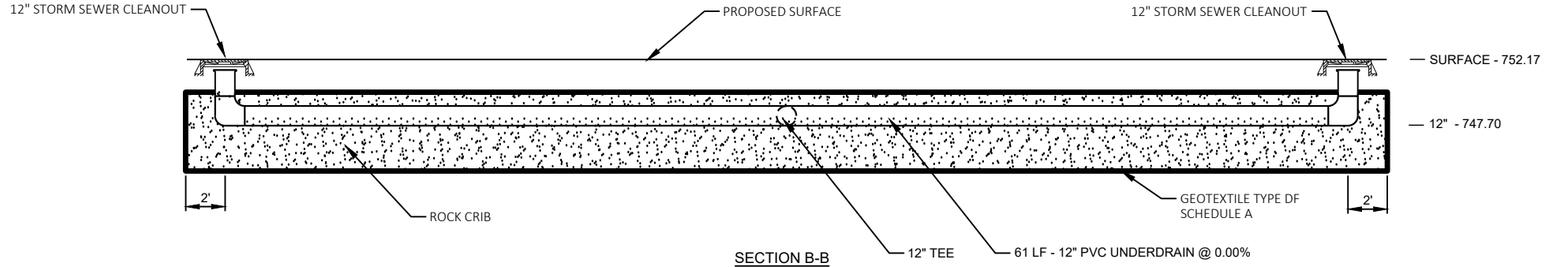
SECTION A-A



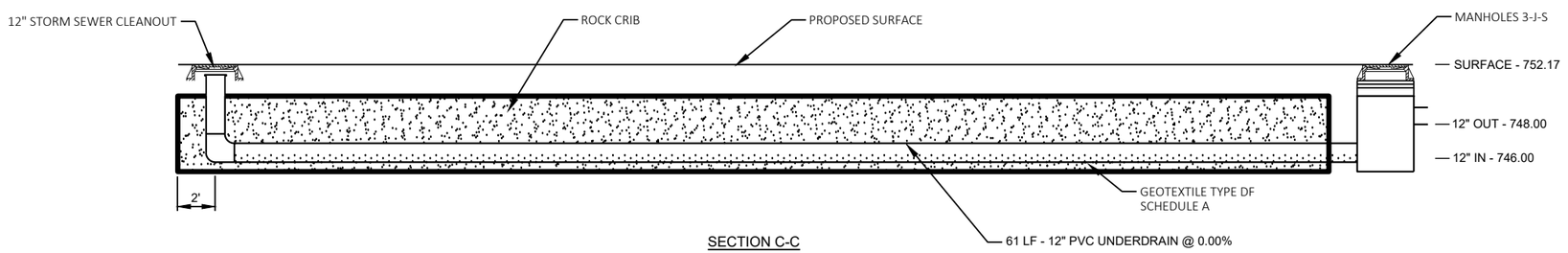
PERFORMATIONS



STORM SEWER CLEANOUT



SECTION B-B

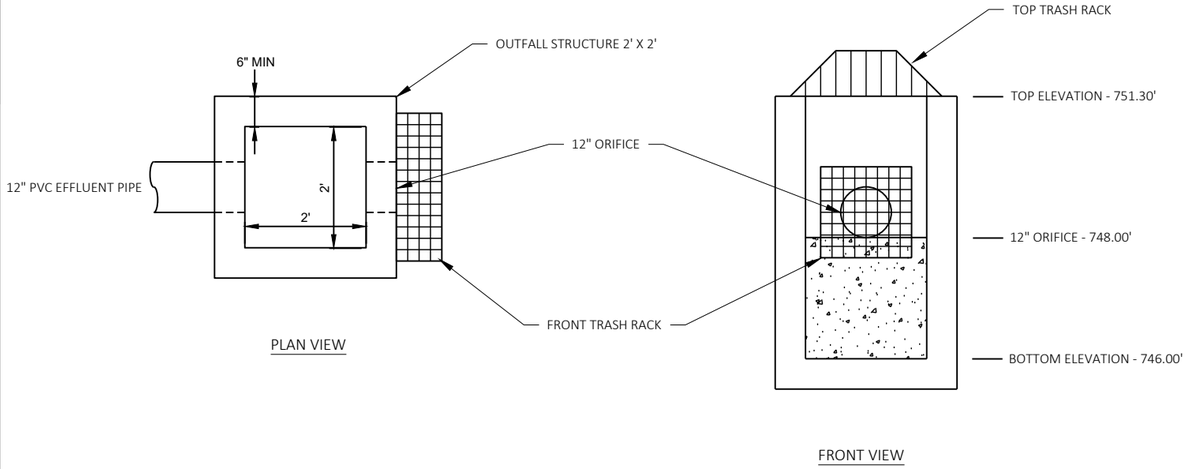


SECTION C-C

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - ROCK CRIB DETAILS	SHEET E

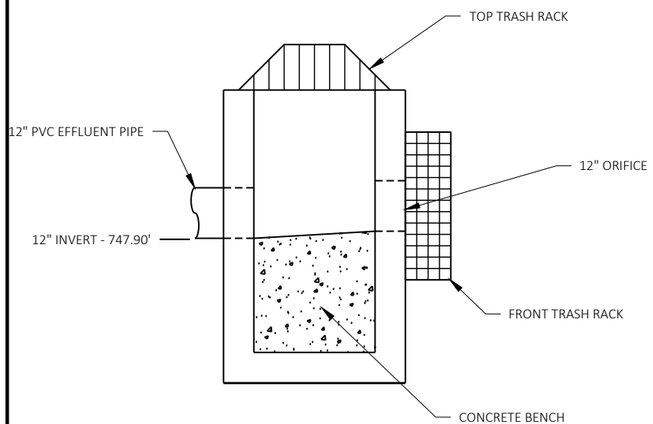
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022008-EC-EVERGREEN POND.DWG PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_221

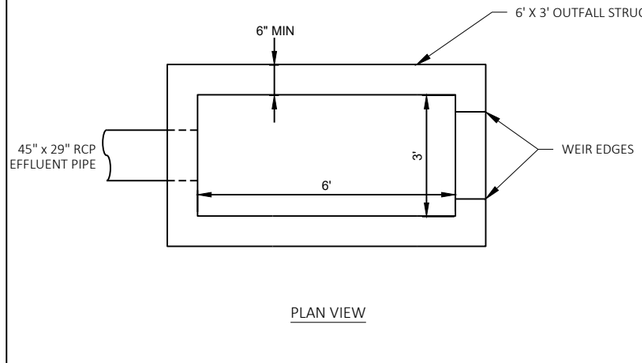


PLAN VIEW

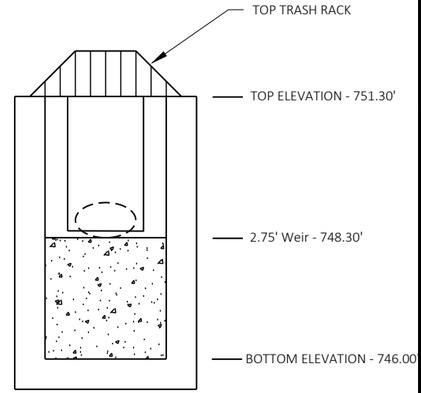
FRONT VIEW



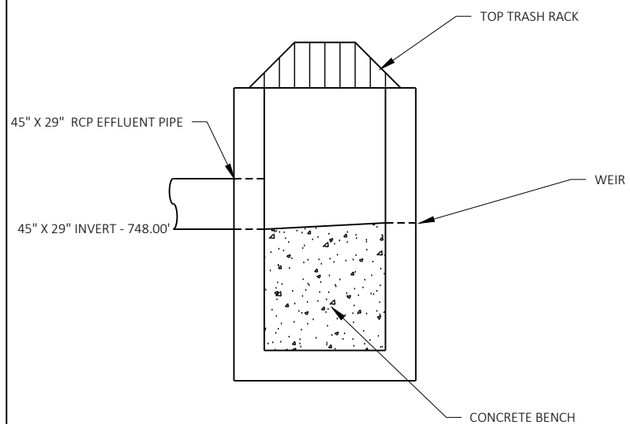
SIDE VIEW



PLAN VIEW



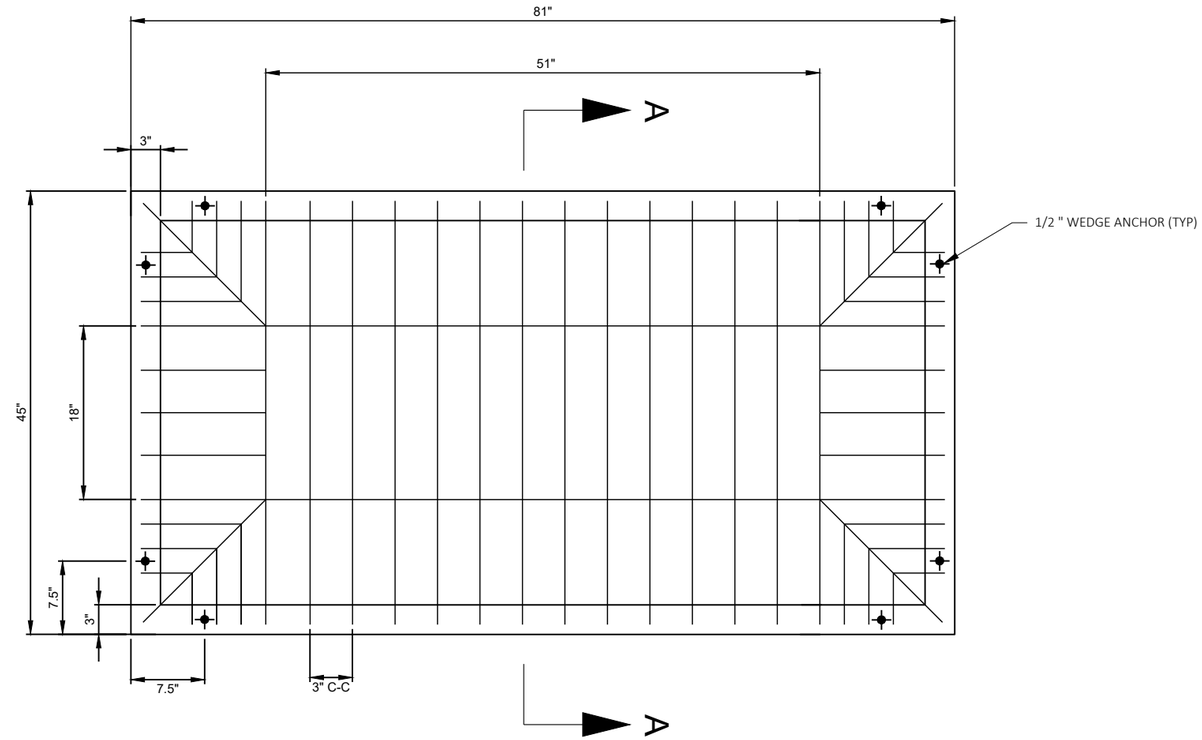
FRONT VIEW

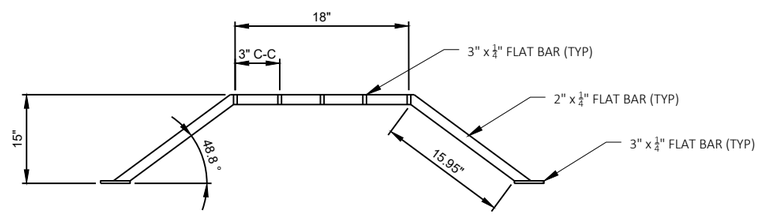


SIDE VIEW

POND OUTFALL STRUCTURE

2



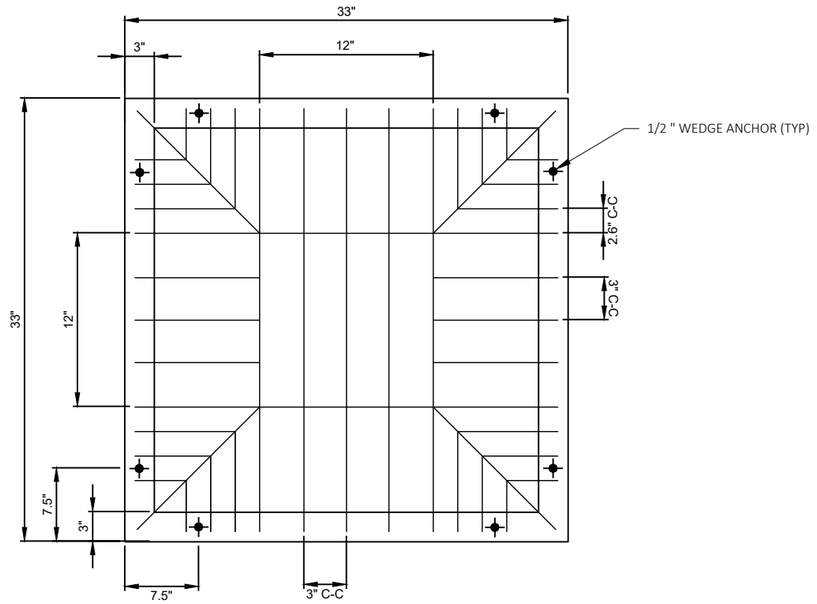


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - POND OUTFALL TRASH RACKS	SHEET	E

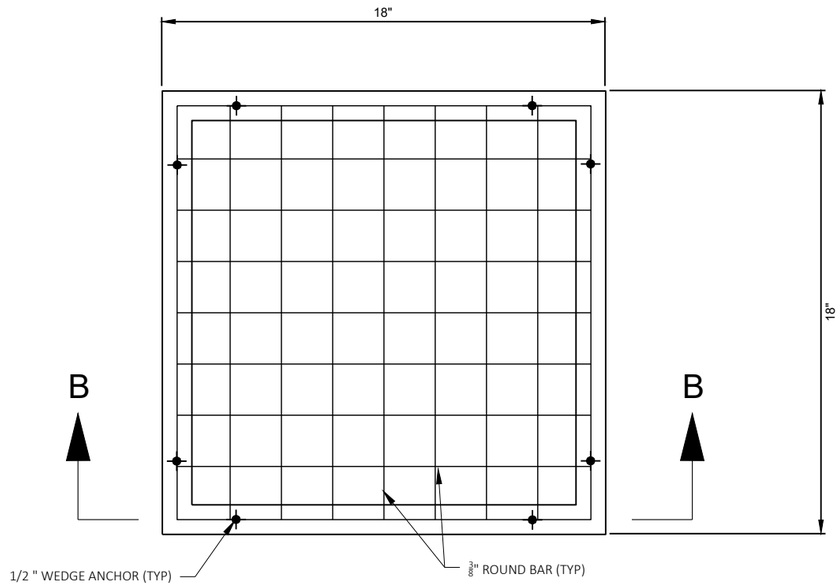
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022008-EC-EVERGREEN POND.DWG PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

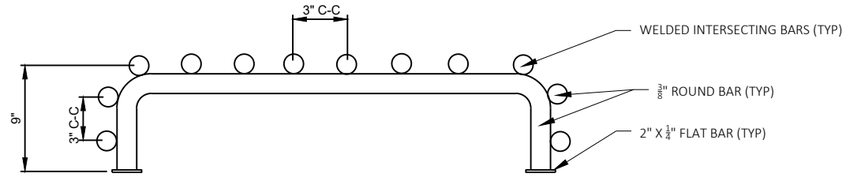
PRE_223

WISDOT/CADDS SHEET 42

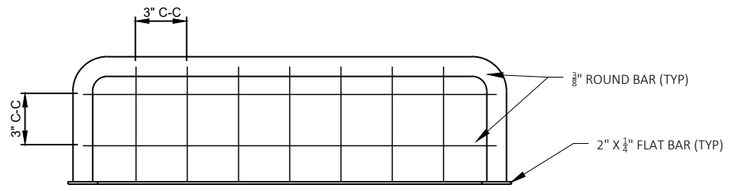


TOP TRASH RACK





SECTION A-A



SECTION B-B

FRONT TRASH RACK

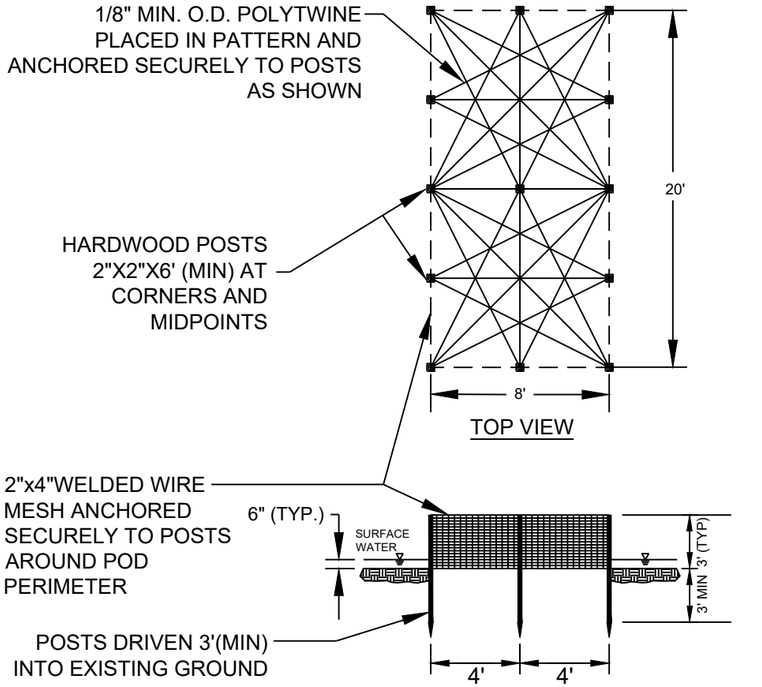
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - ROCK CRIB OUTFALL TRASH RACKS	SHEET	E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\022008-EC-EVERGREEN POND.DWG PLOT DATE : 1/22/2020 8:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME :

PRE_224

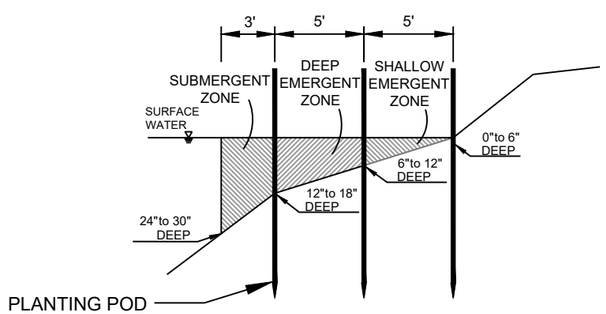
WISDOT/CADDS SHEET 42

PLANTING PODS

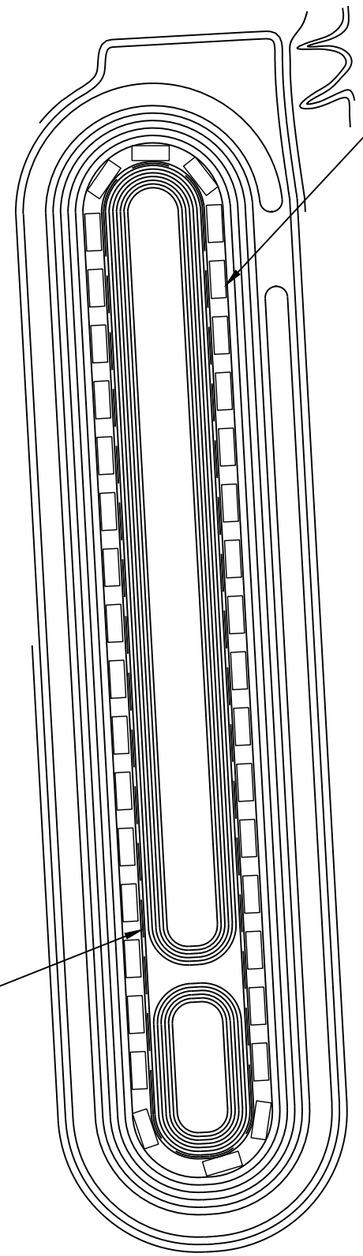


TOP VIEW

FRONT VIEW

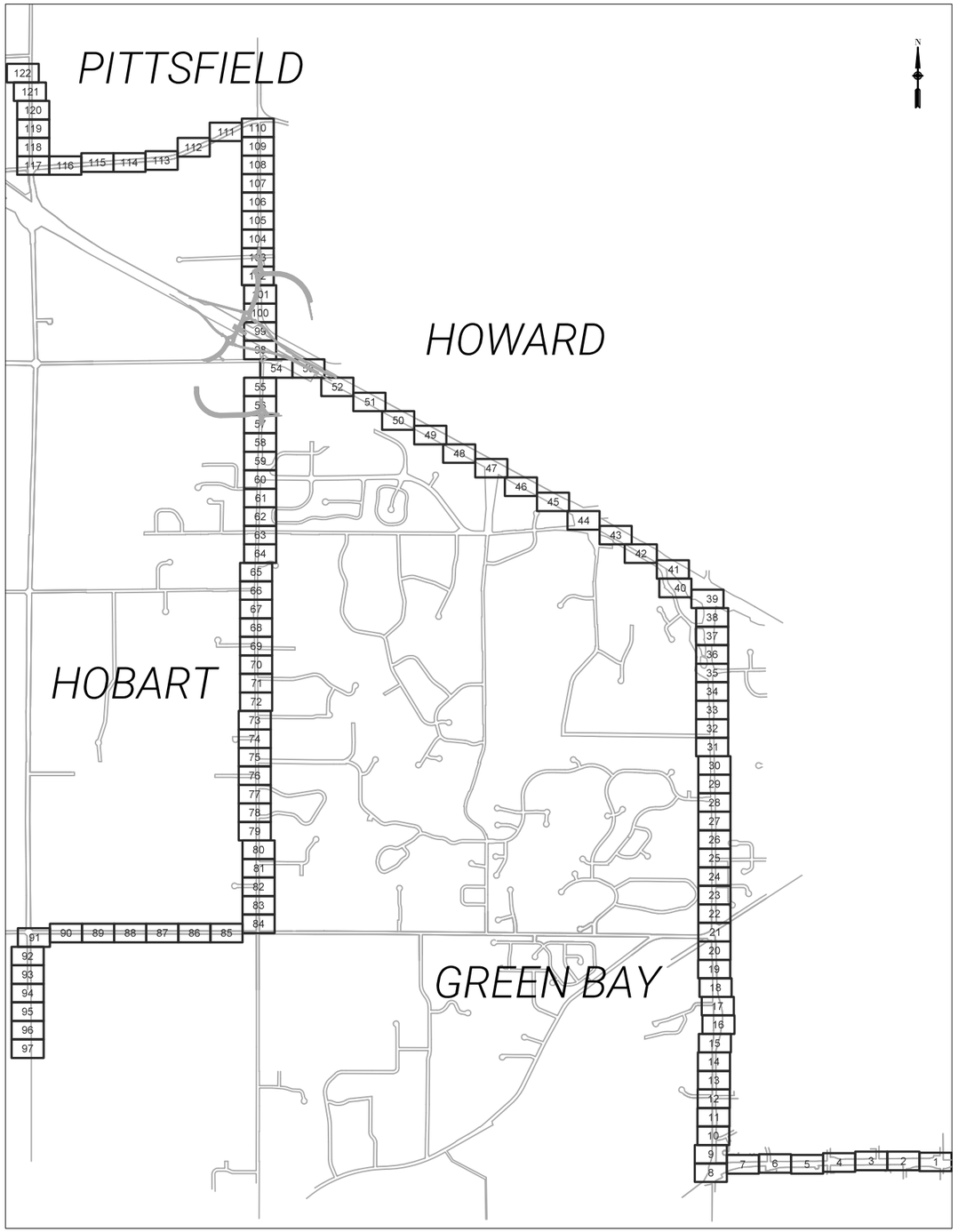


PLANTING ZONES



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	EVERGREEN AVENUE DETENTION POND - POND PLANTING DETAILS	SHEET E



STATE TRUNK HIGHWAY 29-COUNTY HIGHWAY VV MULTIMODAL INTERCHANGE PROJECT - BROADBAND FIBER EXTENSION

LEGEND

ATT	ATT FACILITIES
F.O.	FIBER OPTIC
G	GAS
TV	CABLE TV
T	TELEPHONE
W	WATER
E	ELECTRIC
S	STORM SEWER
SAN	SANITARY
	MANHOLE
	UTILITY POLE
	TRANSFORMER
	UTILITY PED
	EXISTING HANDHOLE
	NEW HANDHOLE
	NEW INSTALL – DIRECTIONAL BORE
	NEW INSTALL - PLOW

Broadband Fiber Extension Designed By:
Multimedia Communications & Engineering

Dan Becker
Direct: (920) 301-7902
Main Office: (920) 301-7900 ext. 1002
Cell: (920) 676-3496

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

2820
2834
2814
1020
2835
2801 THREE SISTERS

N

NORTHEAST WISCONSIN TECHNICAL COLLEGE

COUNTRY CLUB RD

FRONTAGE RD
Right Shoulder Closed to LaCount

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Install:
30"x48"x36" Handhole

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Right Lane Closed
here to corner

W MASON ST / WI-54

W MASON ST/ WI-54

FRONTAGE RD

Right Lane Closed
here to corner

SIDEWALK

See Sheet 2

Construction Labor units this page:					
Directional Bore:	745'	Handhole Installation: 1		Store cable expansion in handhole: 200'	
Plow:	0'	Place 432 FOC in duct:	745'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_227

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 01
PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

See Sheet 3

See Sheet 1

N

2860
R J PARINS PLUMBING
& HEATING

2844

FRONTAGE RD

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Right Shoulder Closed to LaCount

W MASON ST / WI-54

W MASON ST / WI-54

FRONTAGE RD

2898

2888

1110

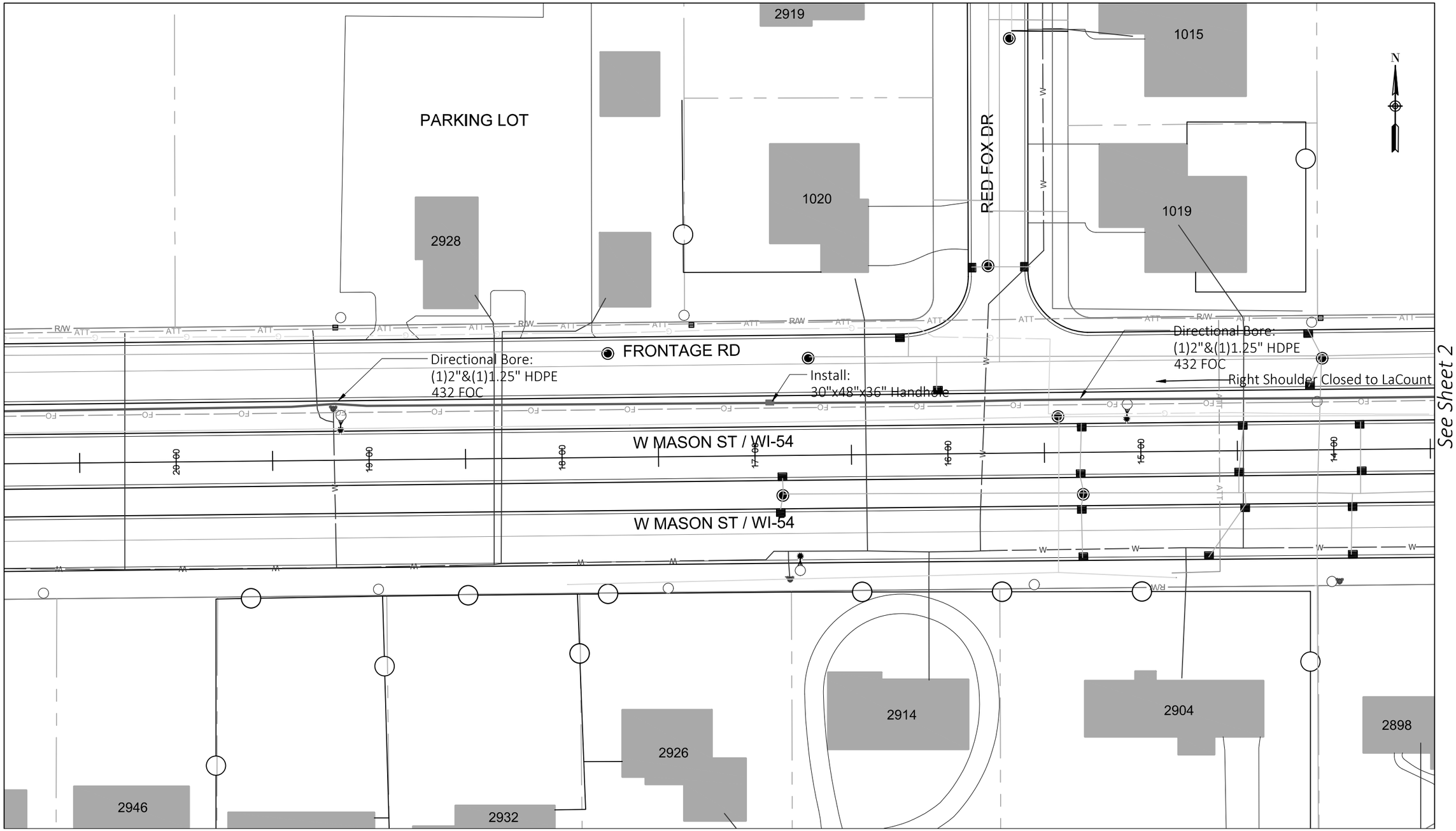
Construction Labor units this page:			
Directional Bore:	740'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 740'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_228

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 02

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########



Construction Labor units this page:

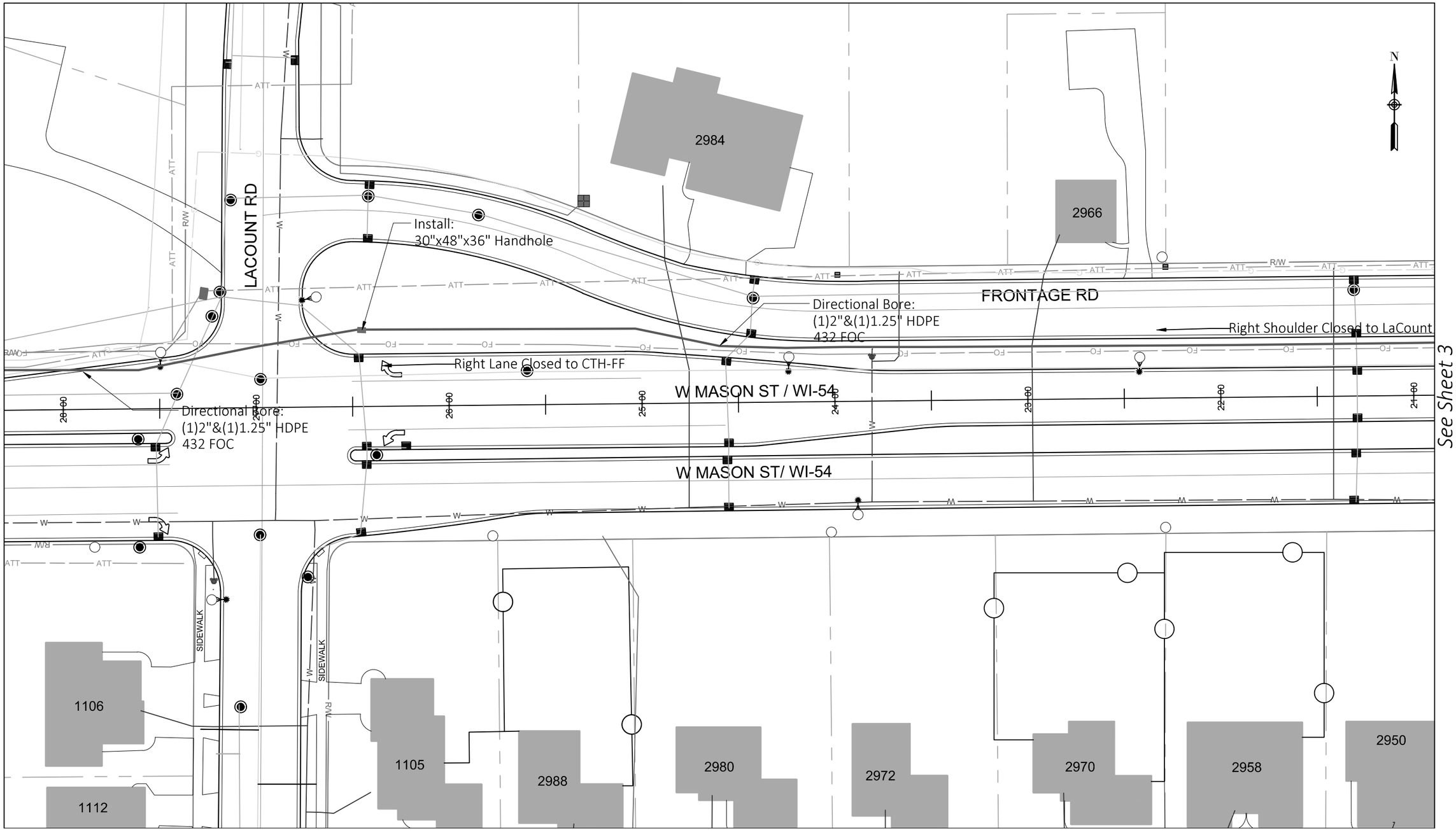
Directional Bore:	736'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 736'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_229

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 03

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########



Construction Labor units this page:

Directional Bore:	738'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 738'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_230

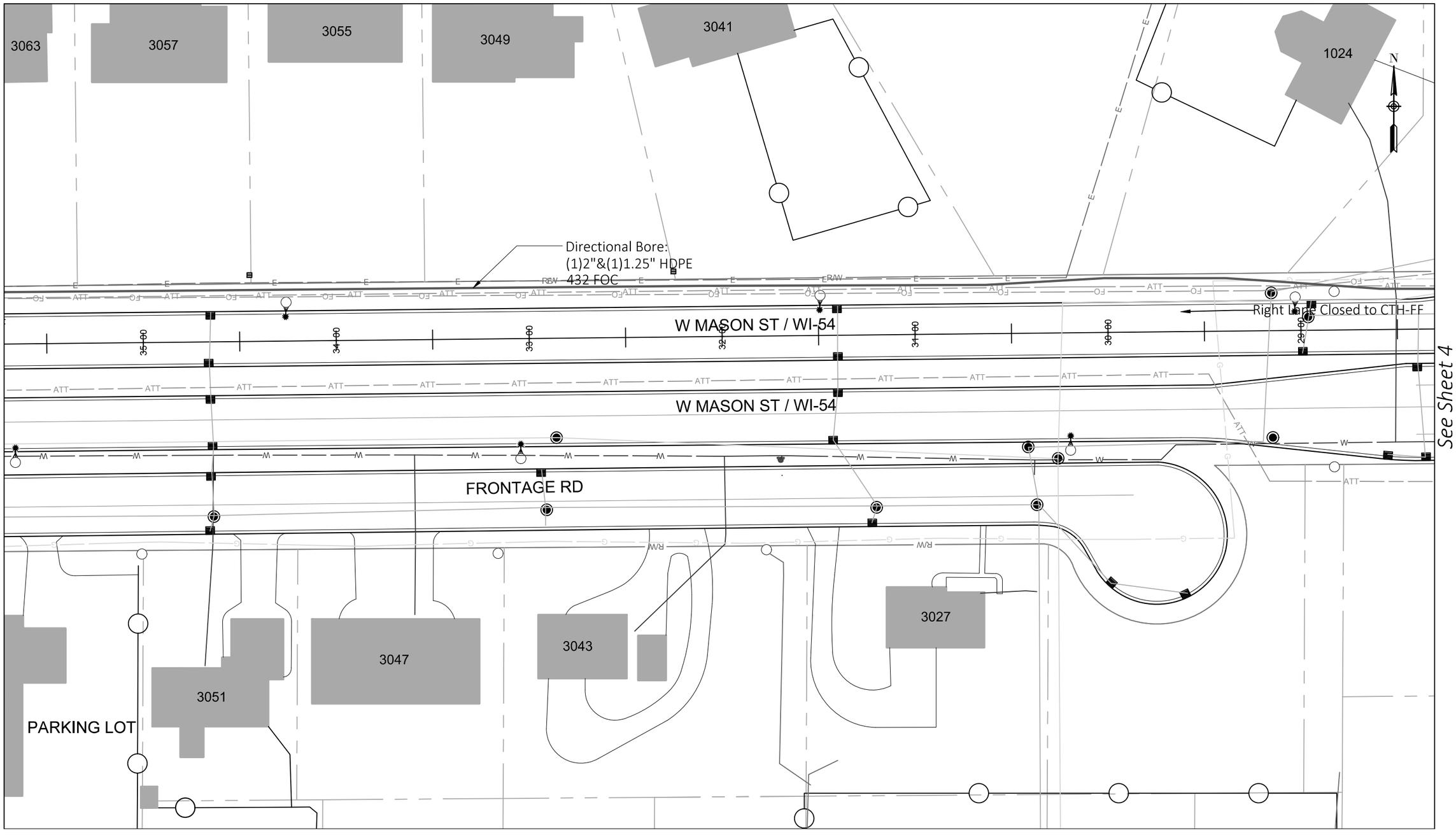
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 04

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2

05

2



Construction Labor units this page:

Directional Bore:	740'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 740'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_231

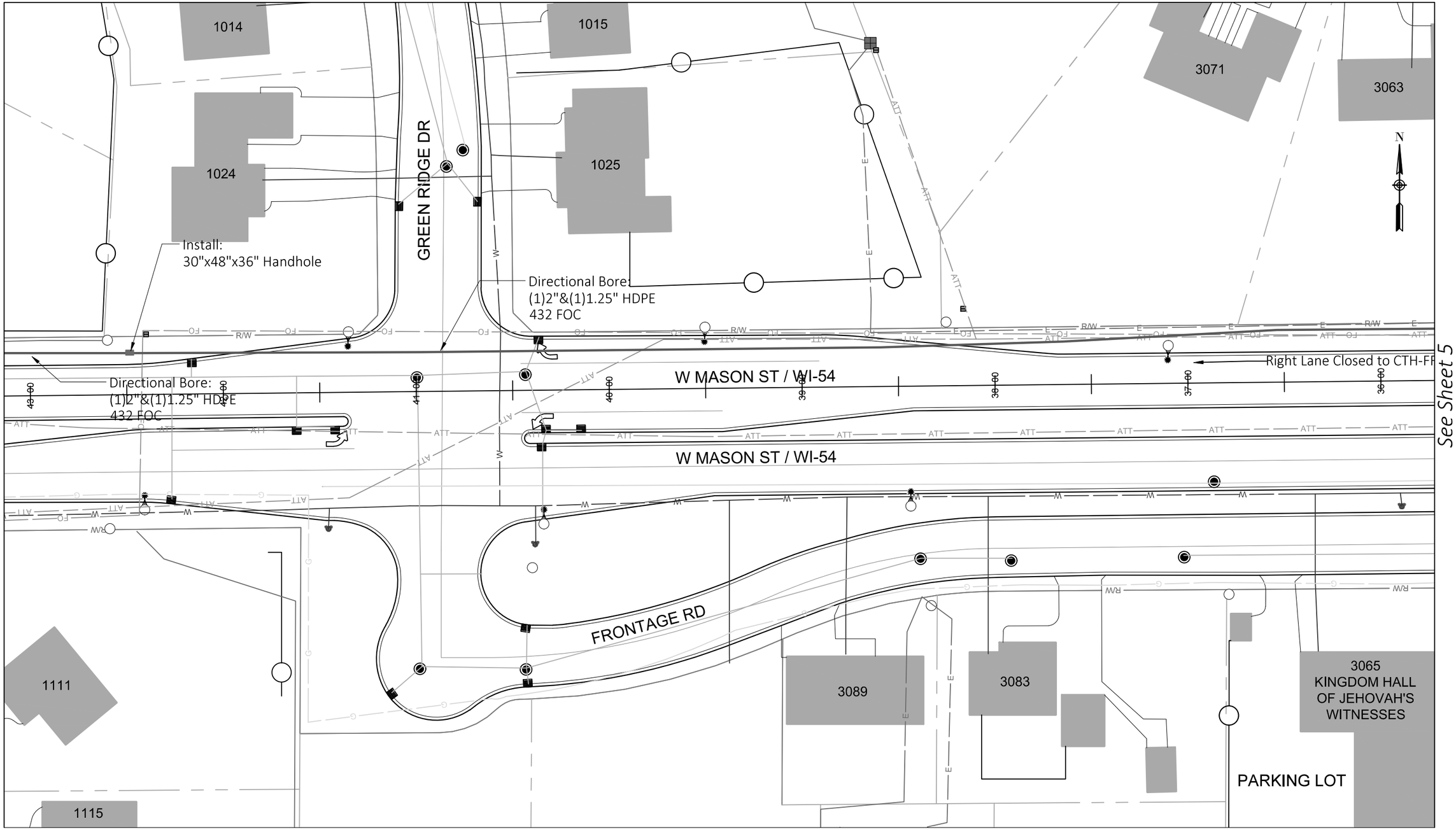
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 05

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

06

2



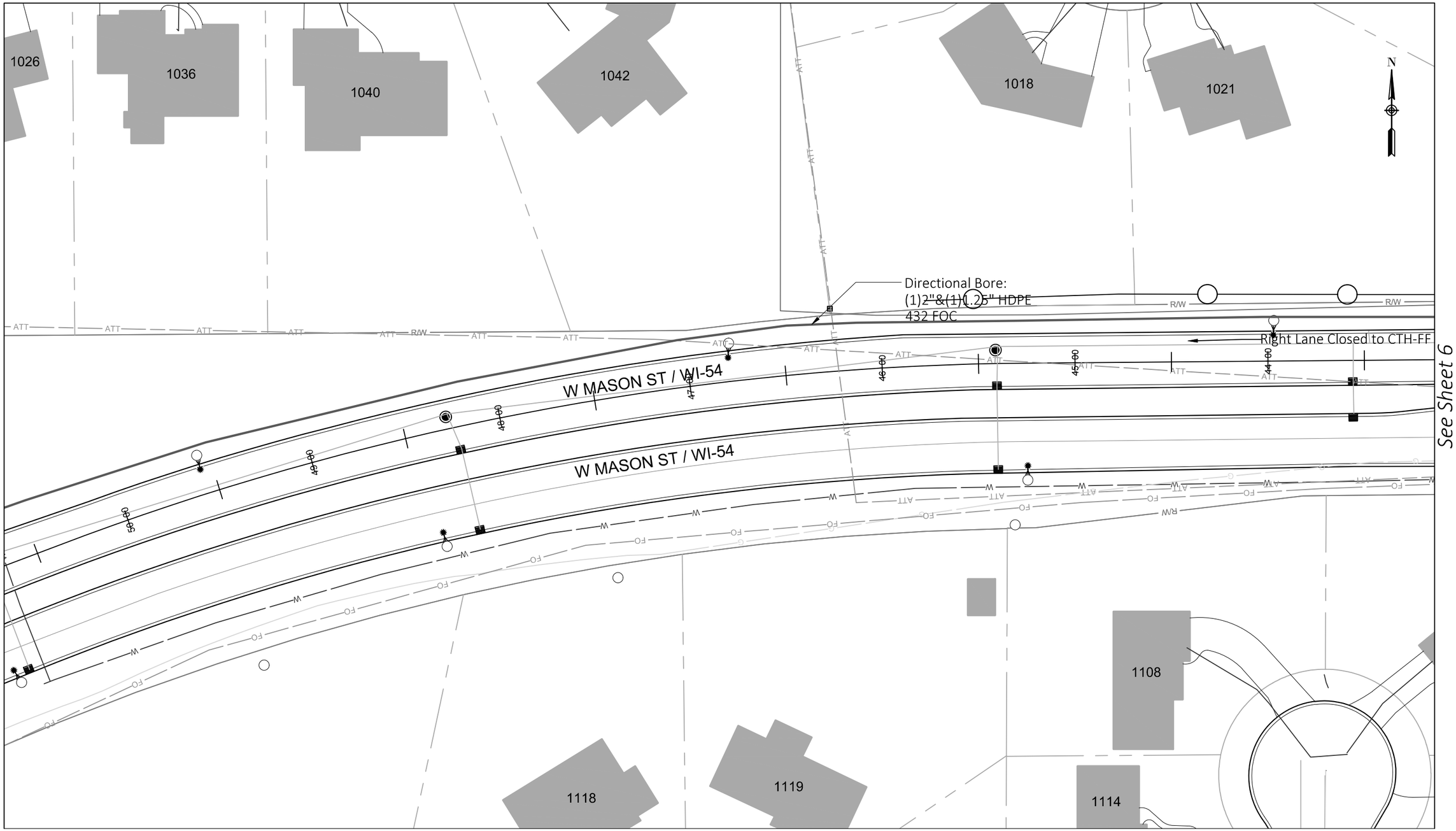
Construction Labor units this page:					
Directional Bore:	740'	Handhole Installation: 1		Store cable expansion in handhole: 100'	
Plow:	0'	Place 432 FOC in duct: 740'		Place 216 FOC in duct: 0'	

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_232

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 06

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########



Construction Labor units this page:

Directional Bore:	752'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 752'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

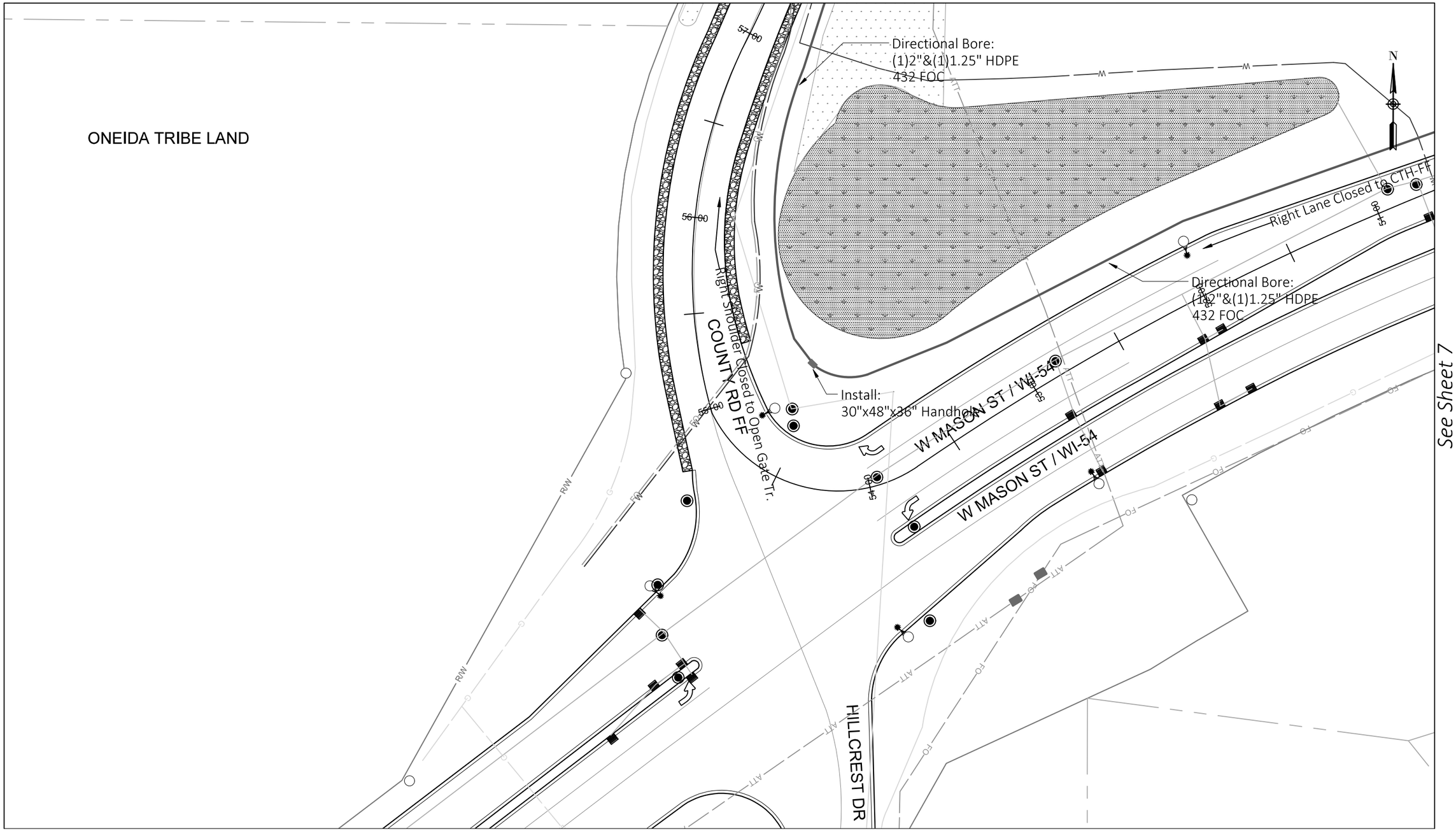
PRE_233

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 07

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 9



Construction Labor units this page:			
Directional Bore:	542'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 542'	Place 216 FOC in duct: 0'

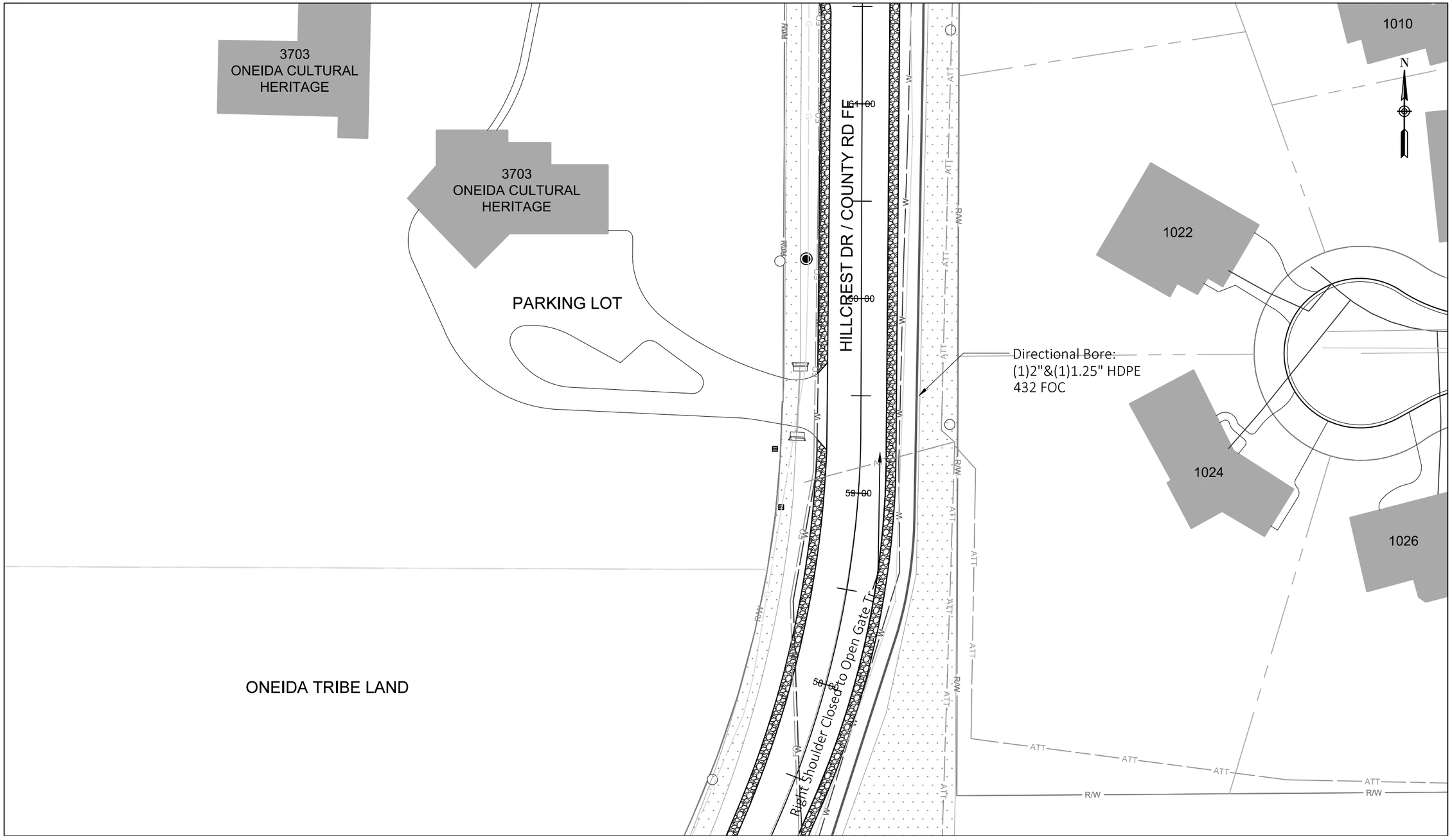
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 08

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 10



See Sheet 8

Construction Labor units this page:

Directional Bore:	433'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 433'	Place 216 FOC in duct: 0'

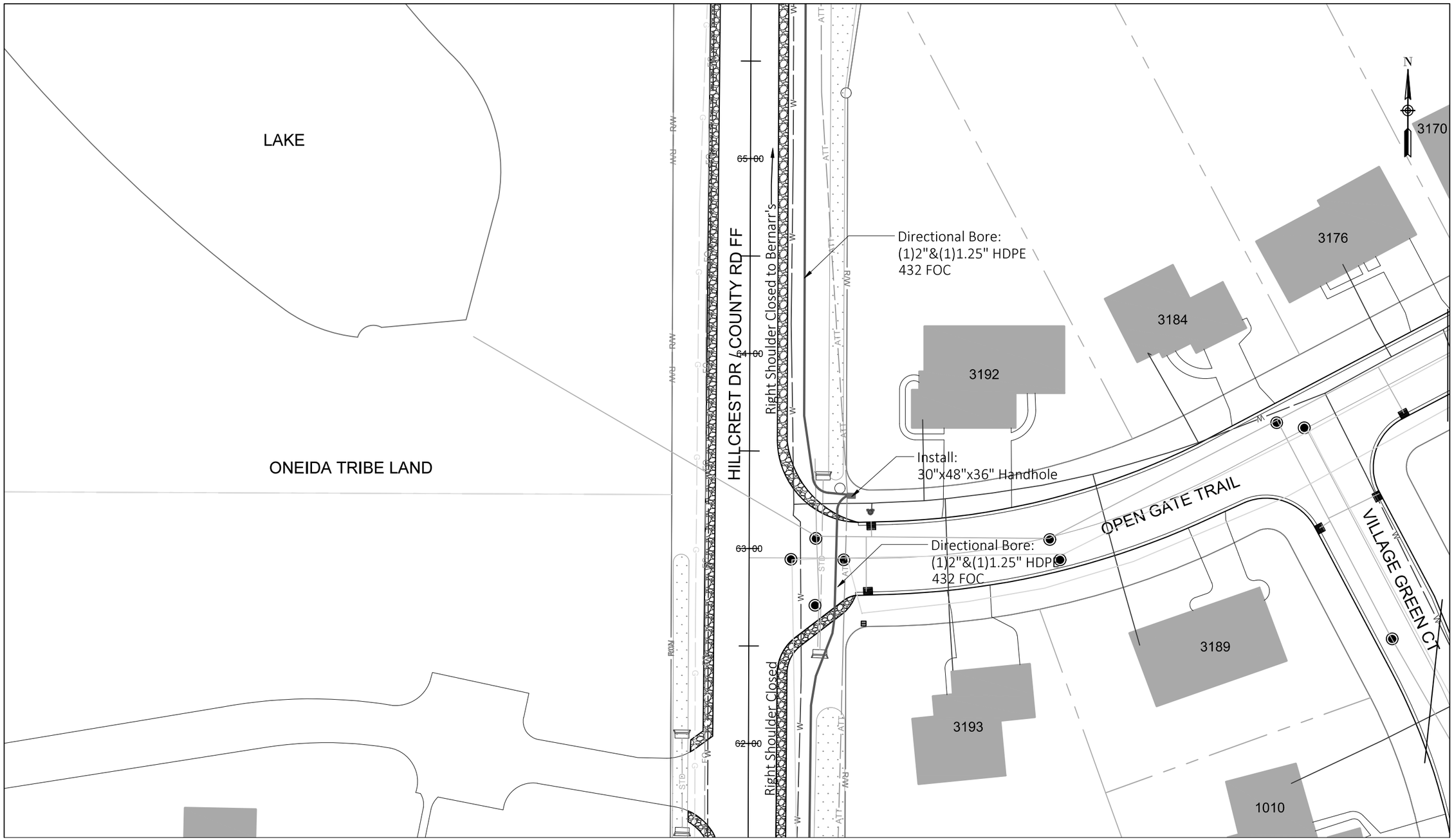
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 09

PLOT DATE : 1/21/2020 12:55 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 11



See Sheet 9

Construction Labor units this page:

Directional Bore:	446'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 446'	Place 216 FOC in duct: 0'

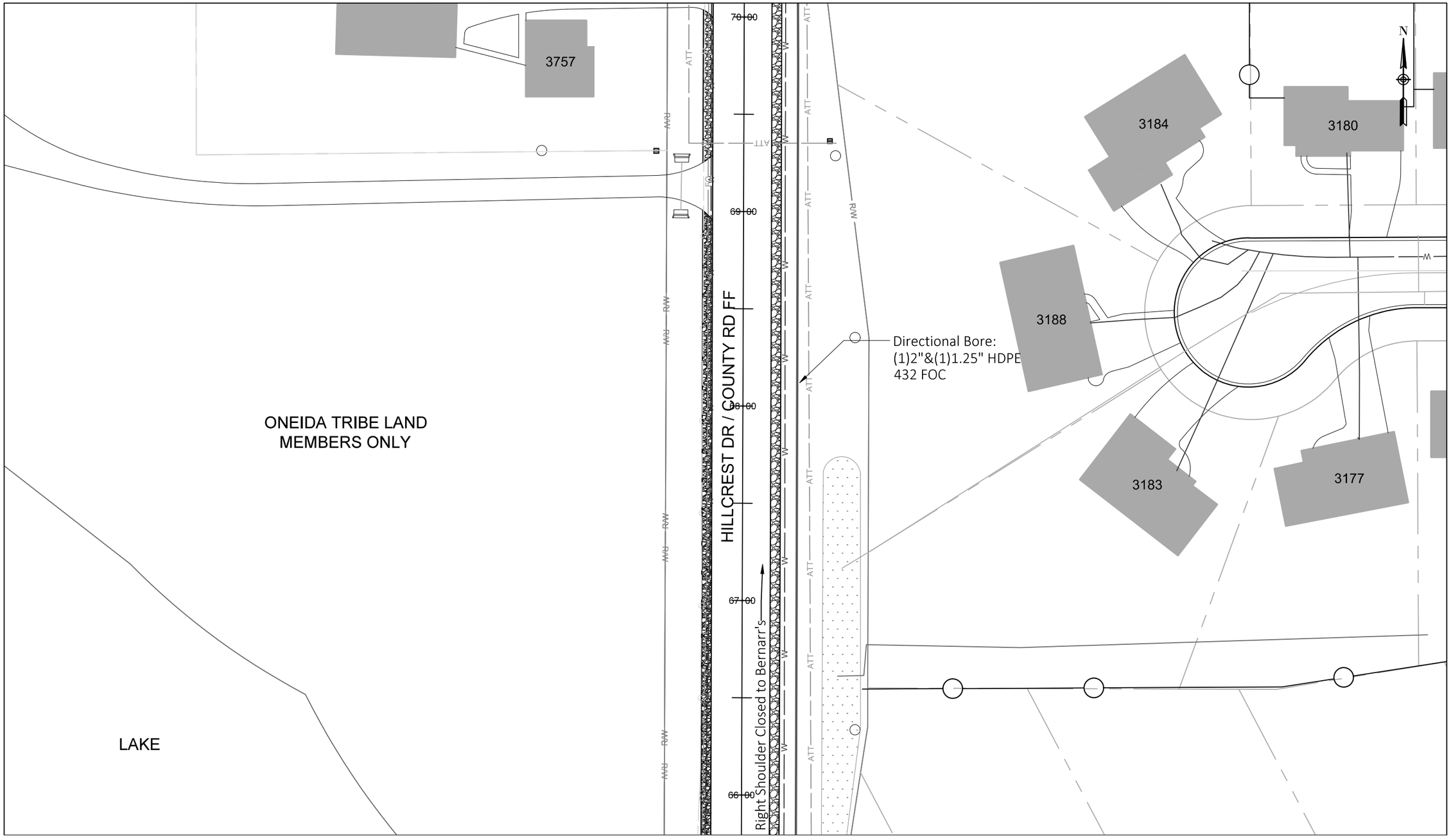
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 10

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 12



See Sheet 10

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

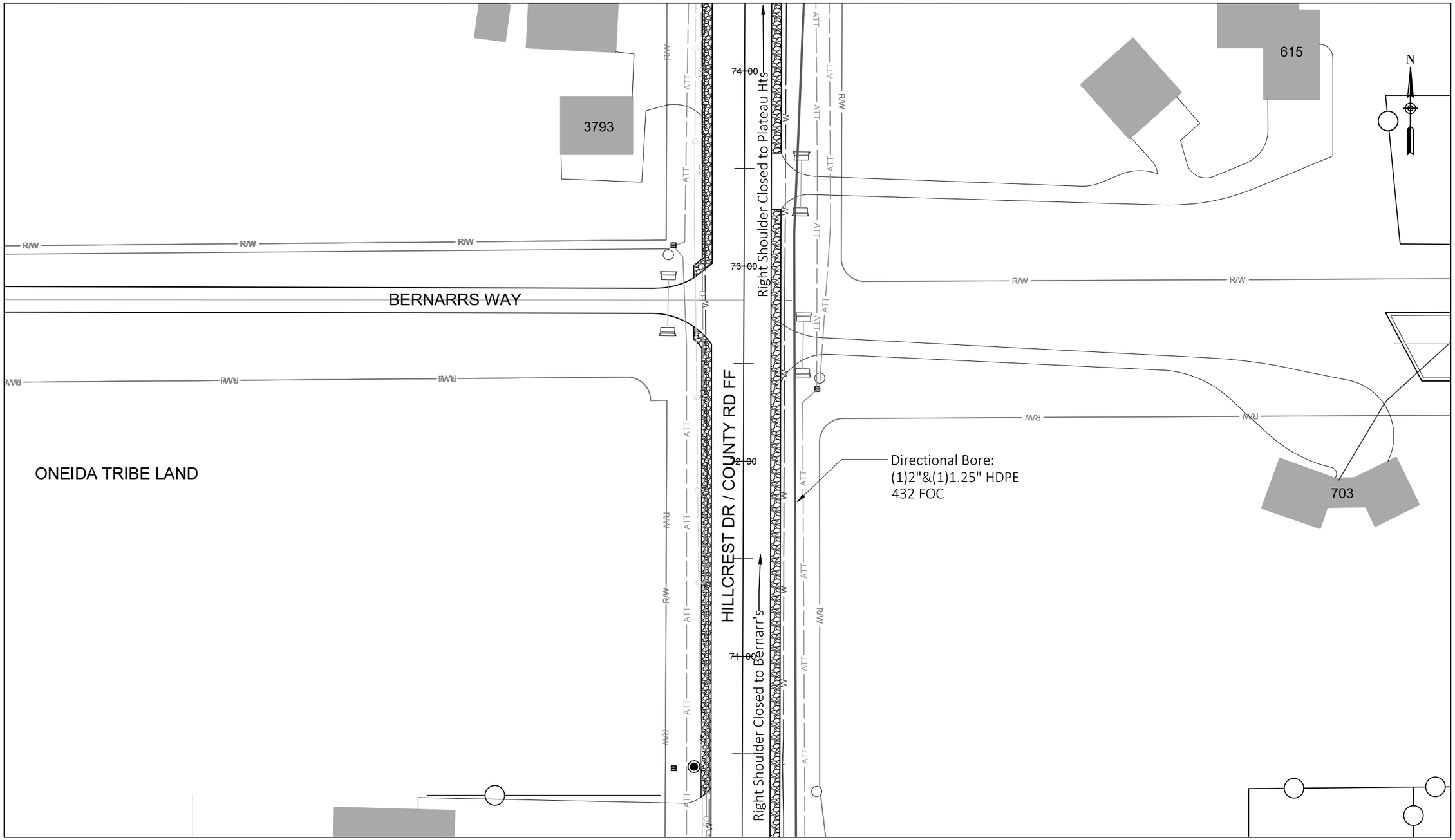
PRE_237

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 11

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 13



See Sheet 11

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_238

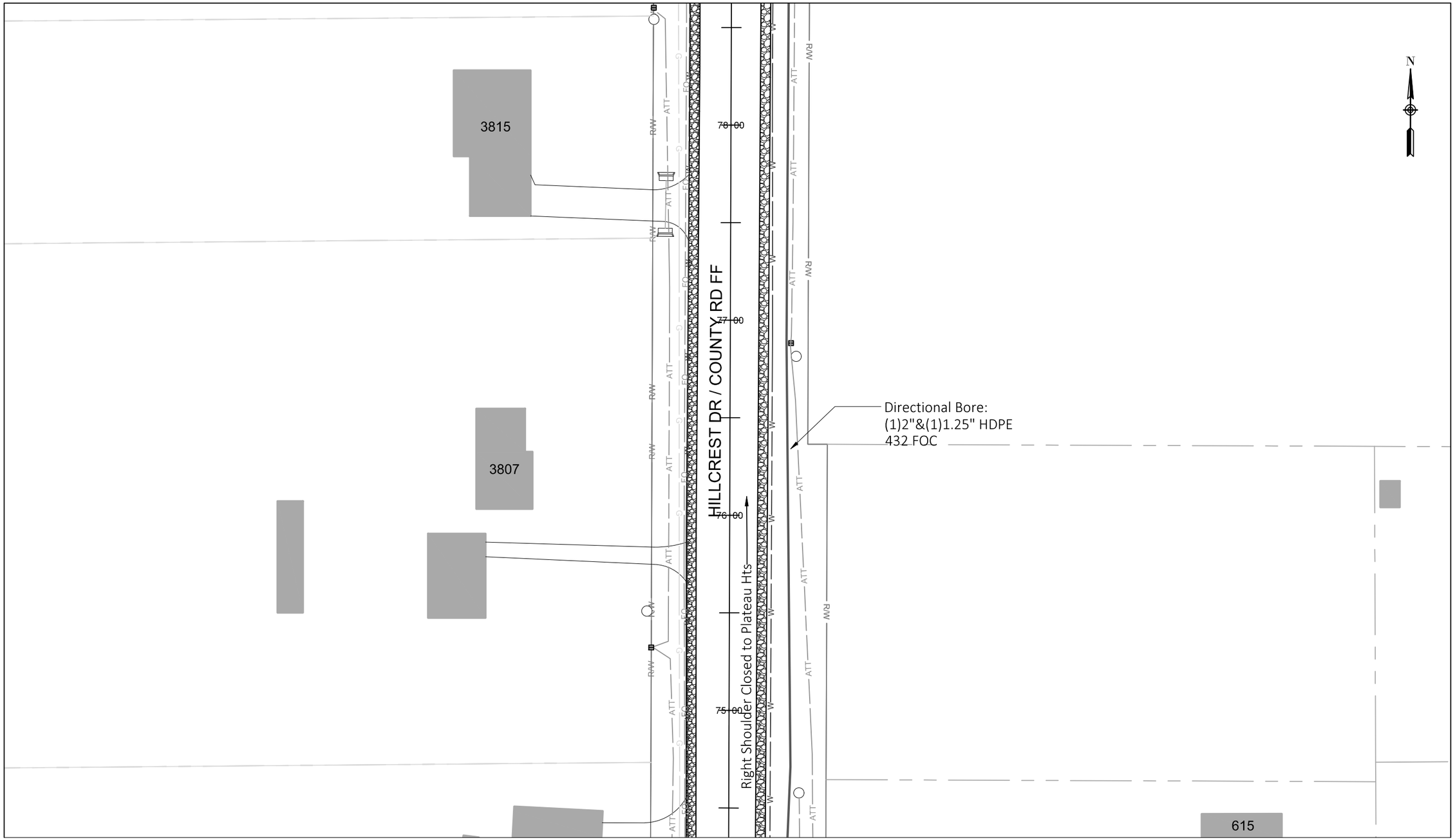
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 12

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

13

See Sheet 14



See Sheet 12

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

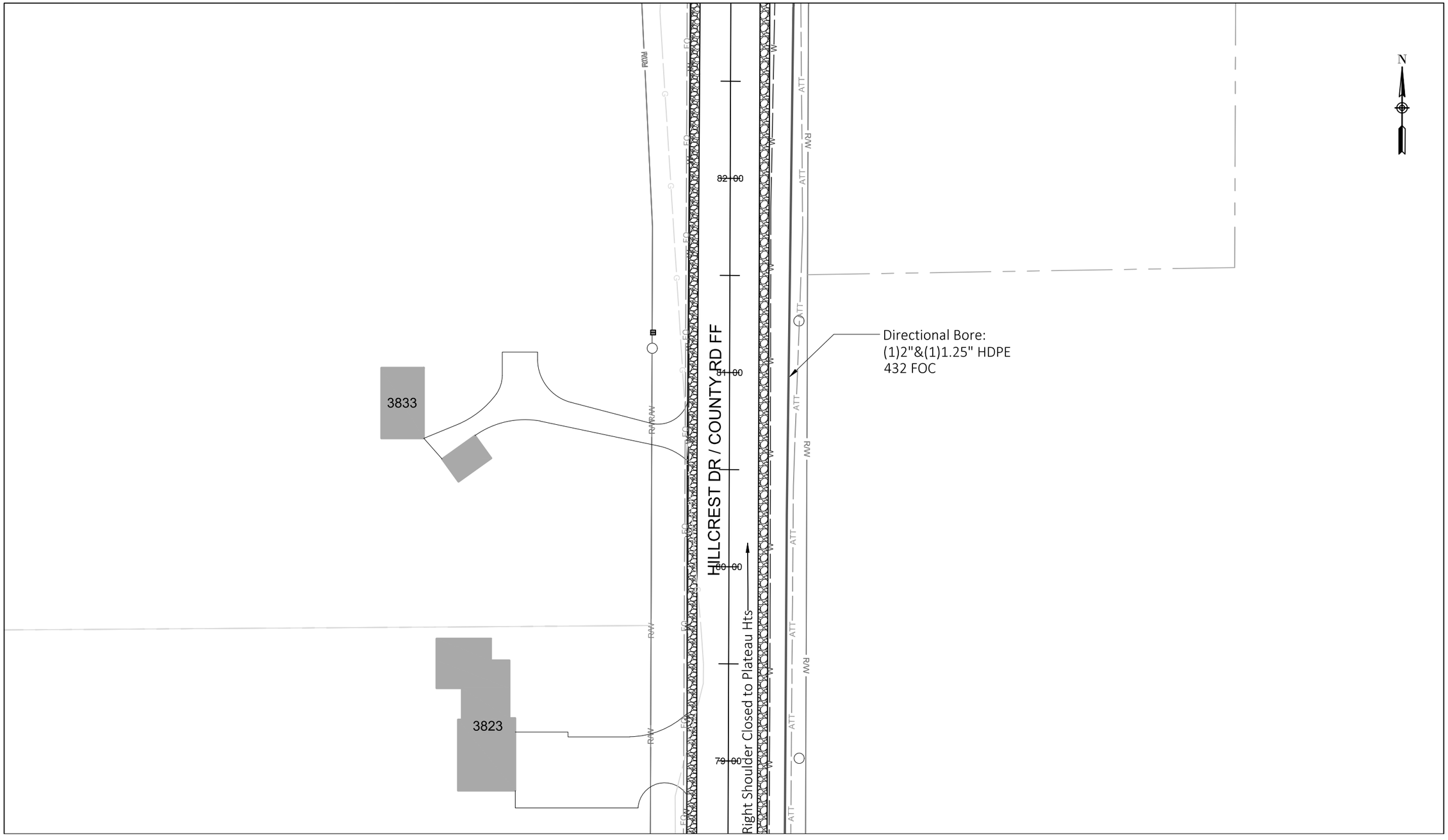
PRE_239

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 13

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 15



See Sheet 13

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

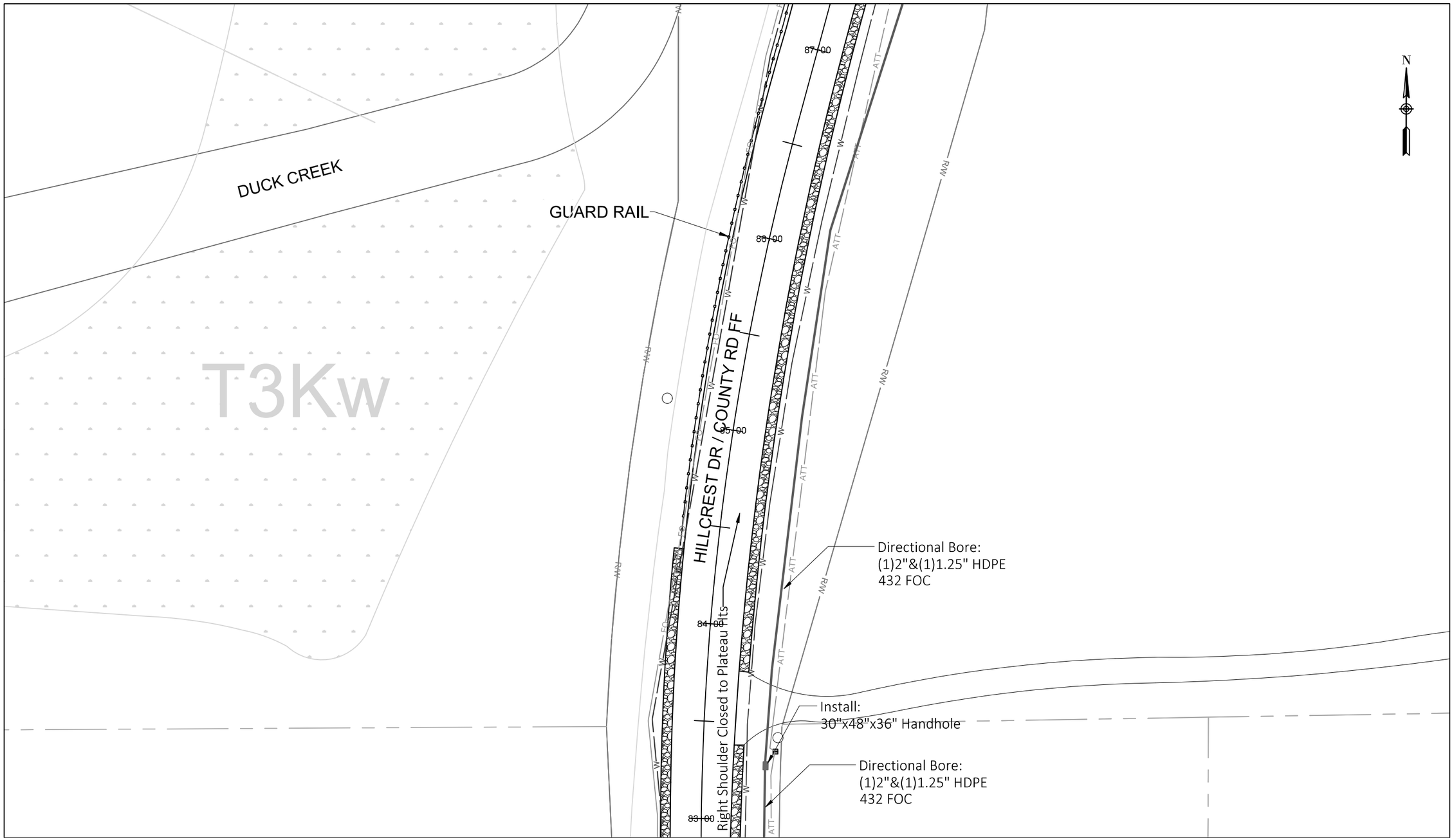
PRE_240

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 14

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

15

See Sheet 16



See Sheet 14

Construction Labor units this page:

Directional Bore:	432'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 432'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

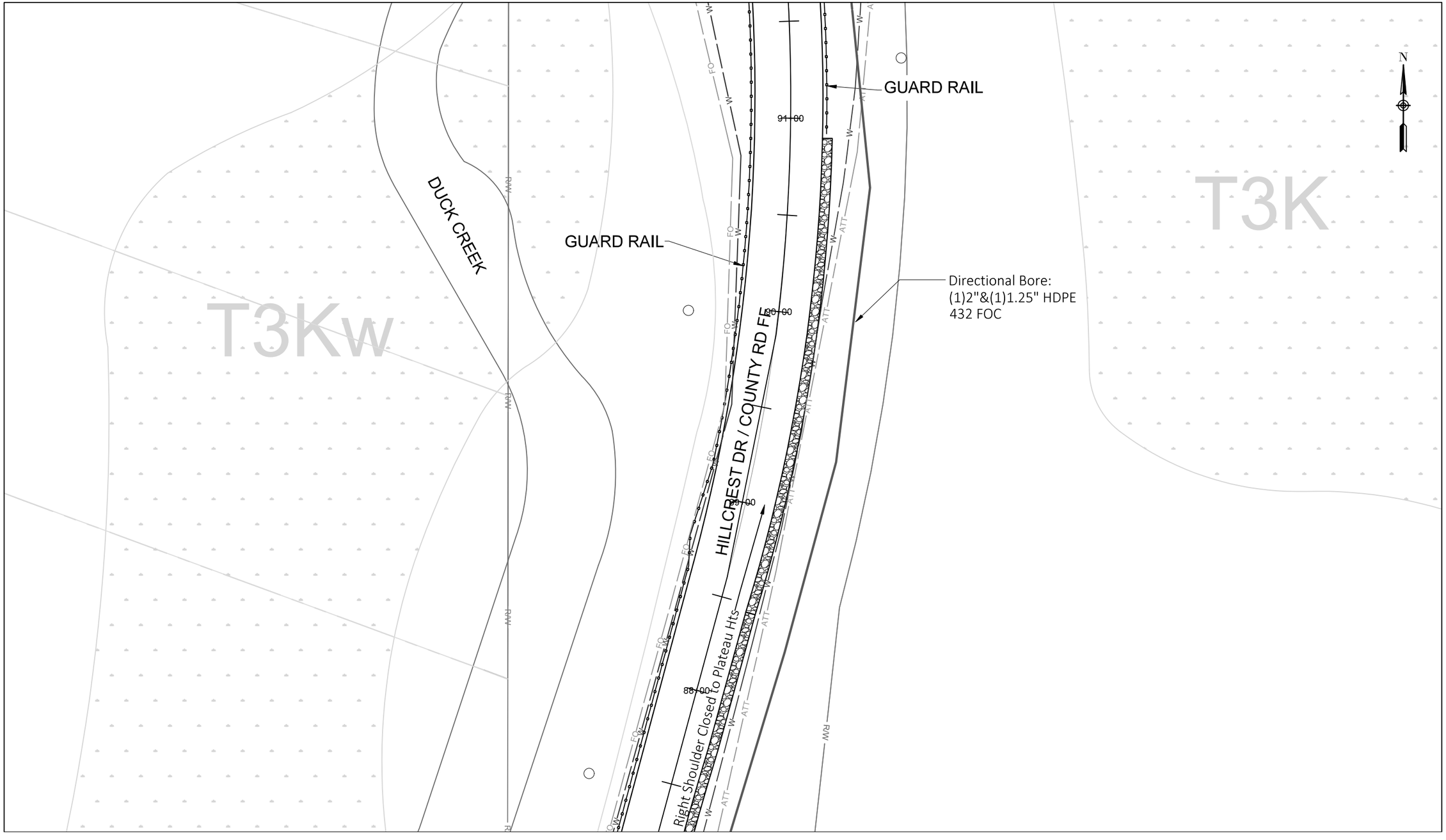
PRE_241

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 15

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 17



See Sheet 15

Construction Labor units this page:

Directional Bore:	433'	Handhole Installation: 0	Store cable expansion in handhole: 0
Plow:	0'	Place 432 FOC in duct: 433'	Place 216 FOC in duct: 0'

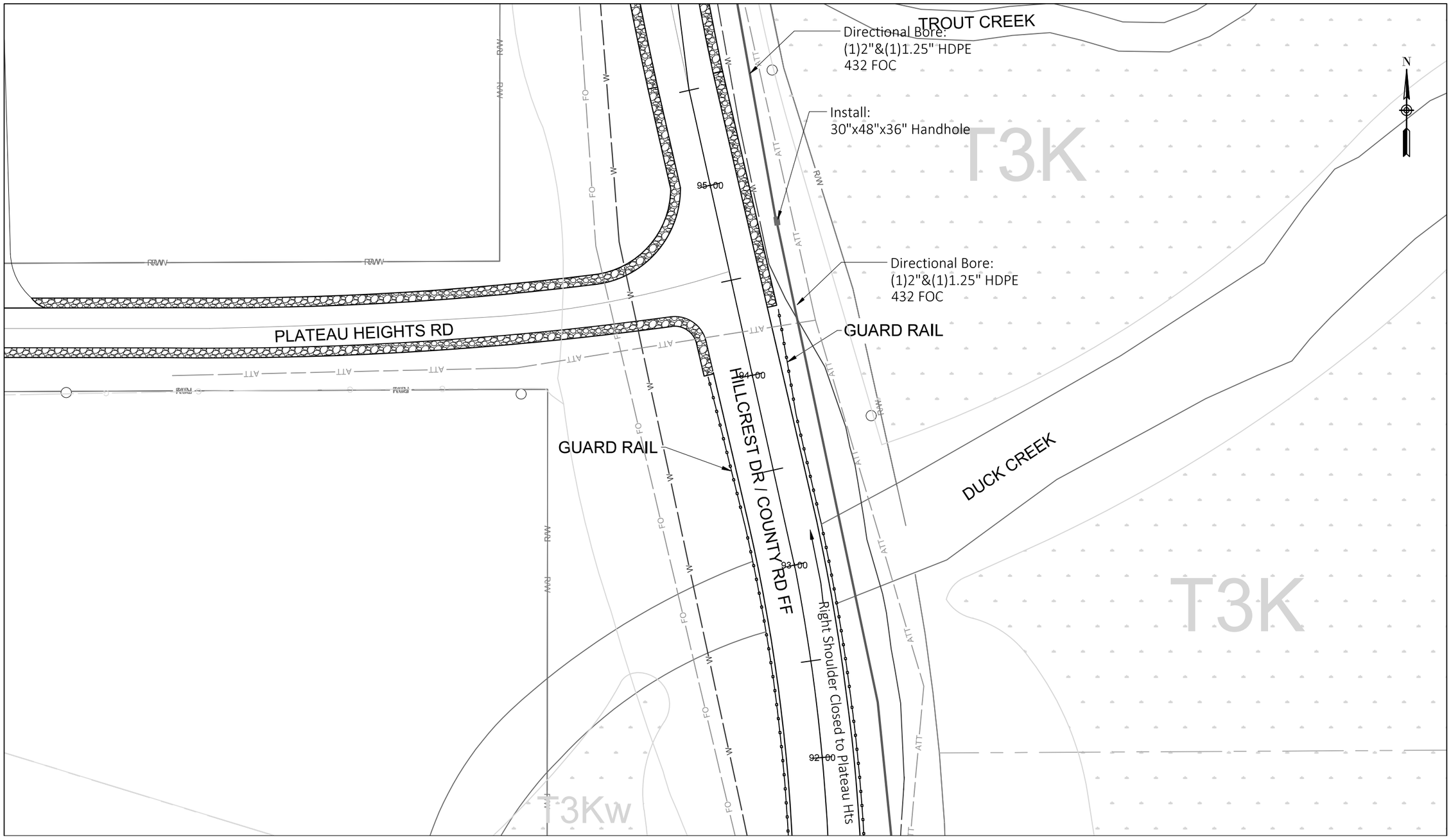
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_242

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 16

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 18



See Sheet 16

Construction Labor units this page:

Directional Bore:	435'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 435'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

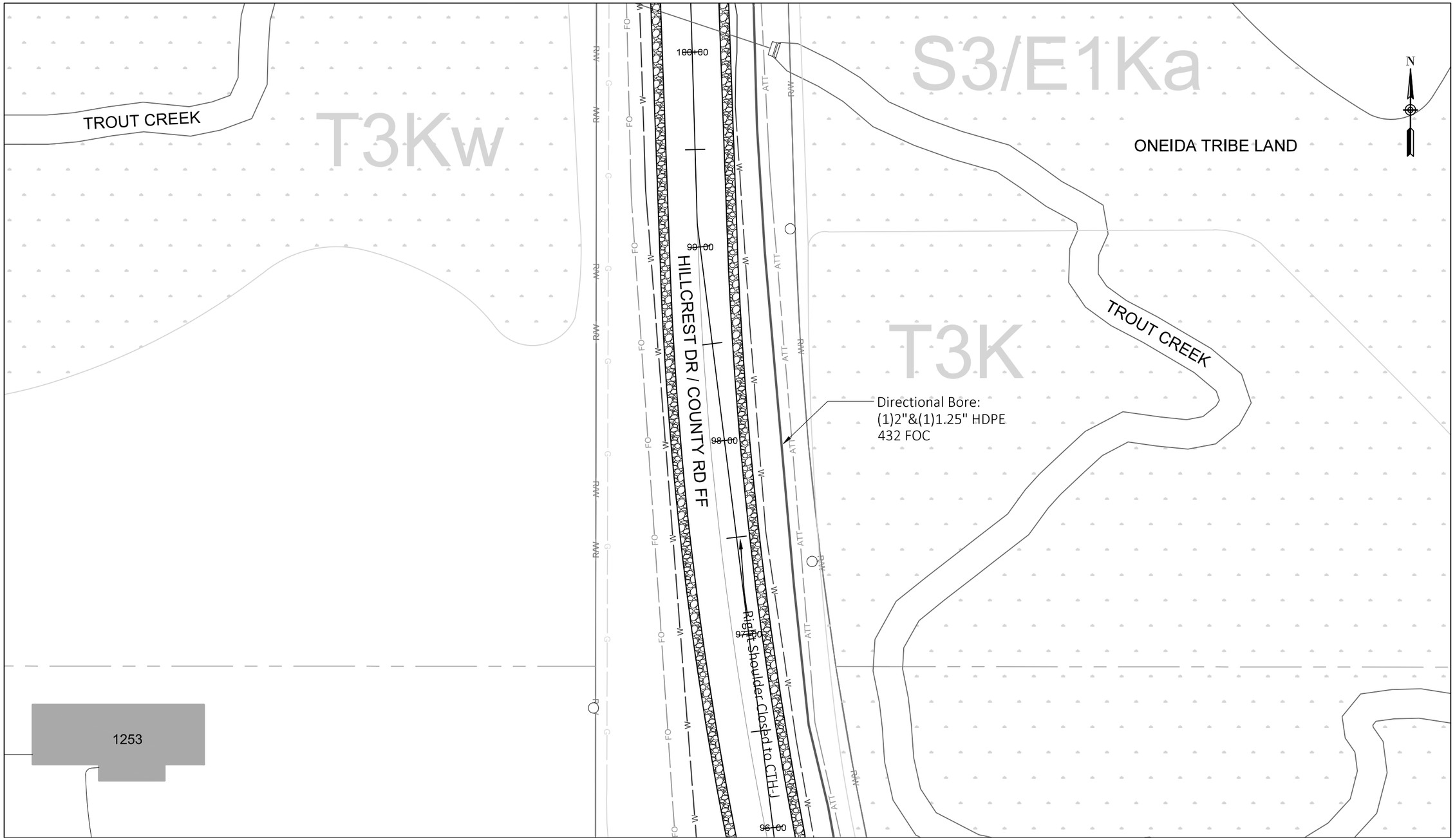
PRE_243

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 17

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 19



See Sheet 17

Construction Labor units this page:

Directional Bore:	430'	Handhole Installation: 0		Store cable expansion in handhole: 0'	
Plow:	0'	Place 432 FOC in duct:	430'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

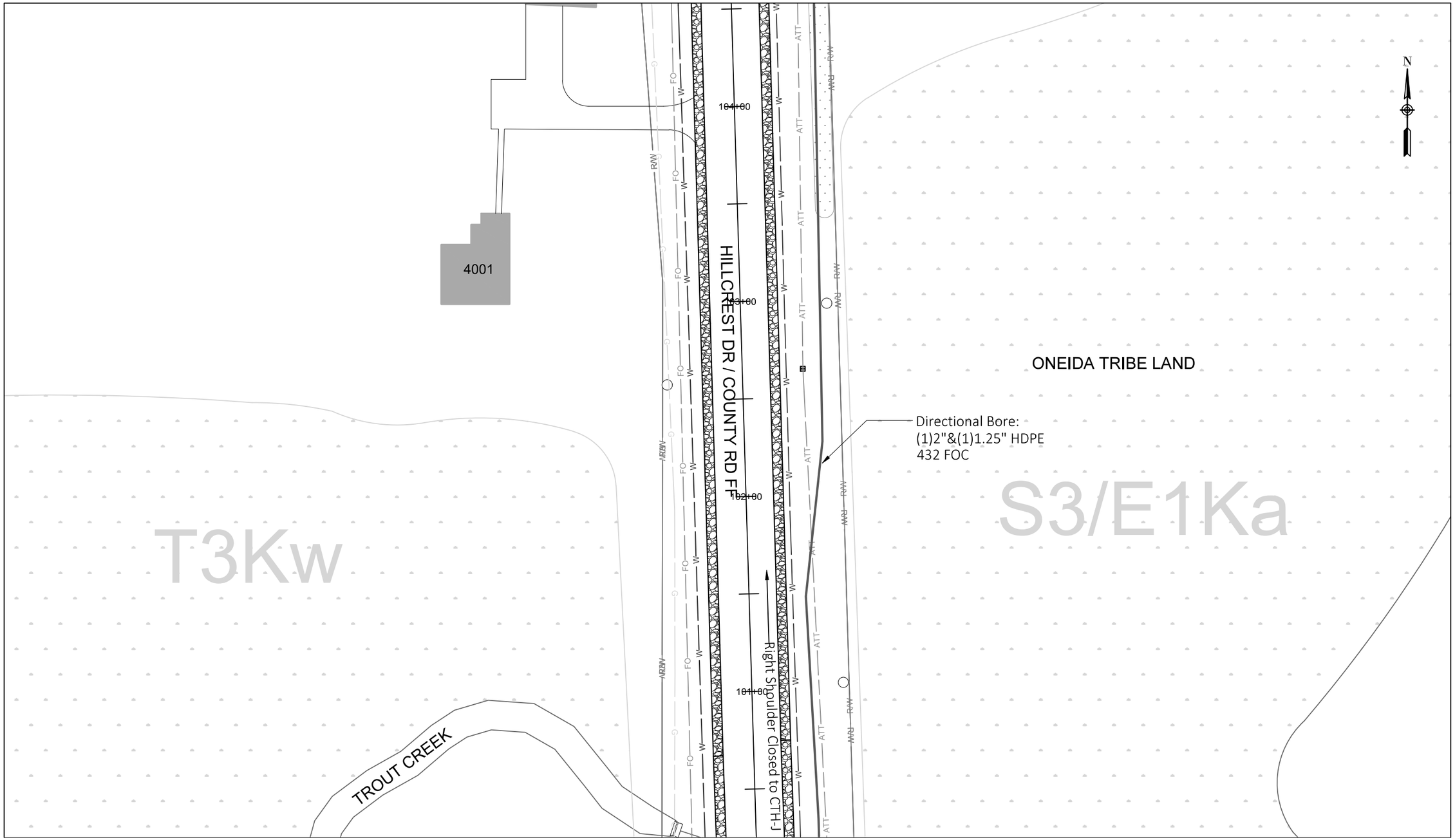
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 18

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

PRE_244

WISDOT/CADDS SHEET 42

See Sheet 20



See Sheet 18

Construction Labor units this page:

Directional Bore:	430'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 430'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

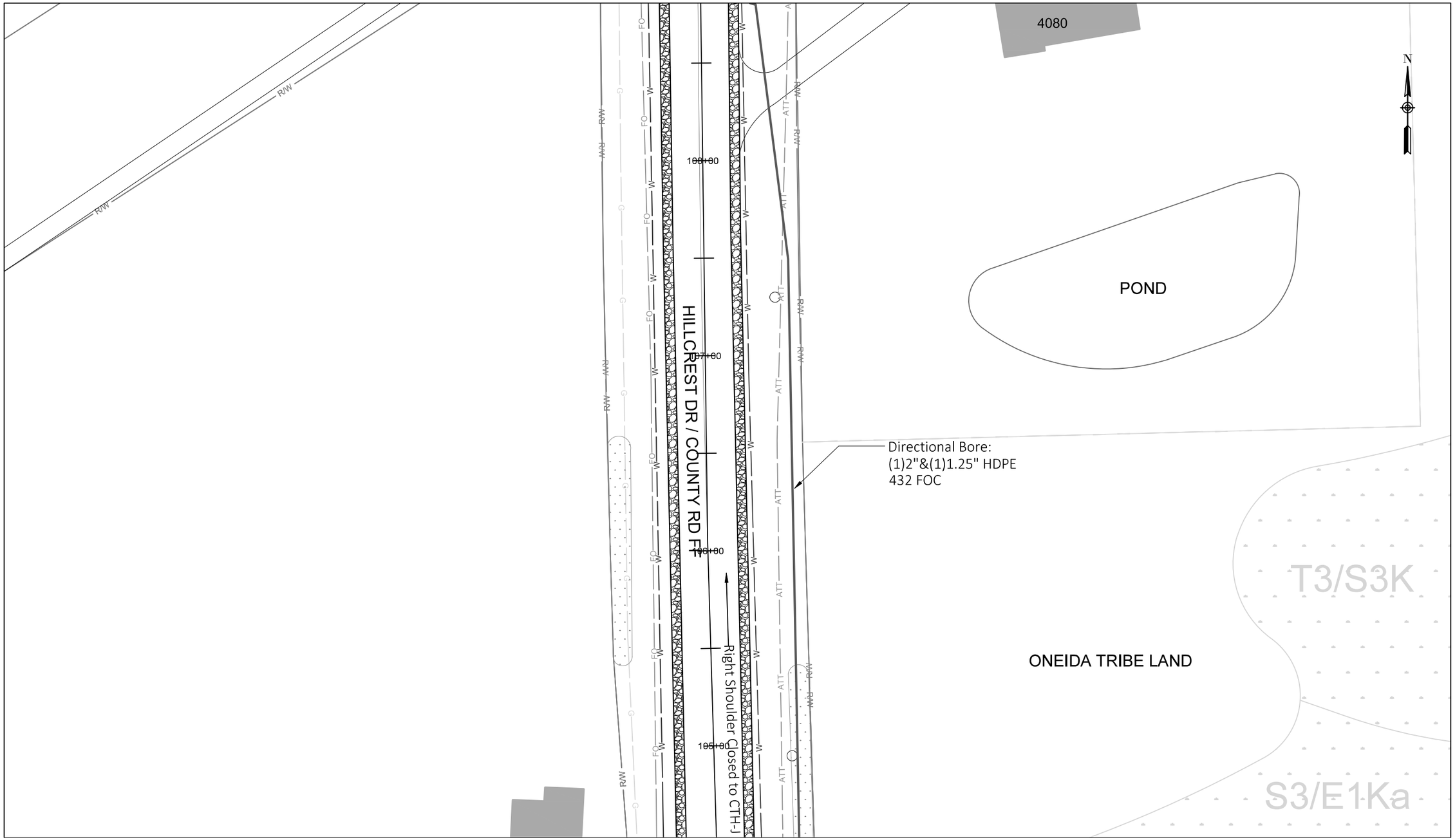
PRE_245

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 19

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 21



See Sheet 19

Construction Labor units this page:

Directional Bore:	430'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 430'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 20

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

21

See Sheet 22

2

2

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Install:
30"x48"x36" Handhole

Right Lane Closed

113+00

112+00

111+00

110+00

109+00

1290

1296

4090

RIVERDALE DR / COUNTY RD J

HILLCREST DR / COUNTY RD FF

Right Shoulder Closed to CTH-J

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

N

See Sheet 20

Construction Labor units this page:			
Directional Bore:	512'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 512'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

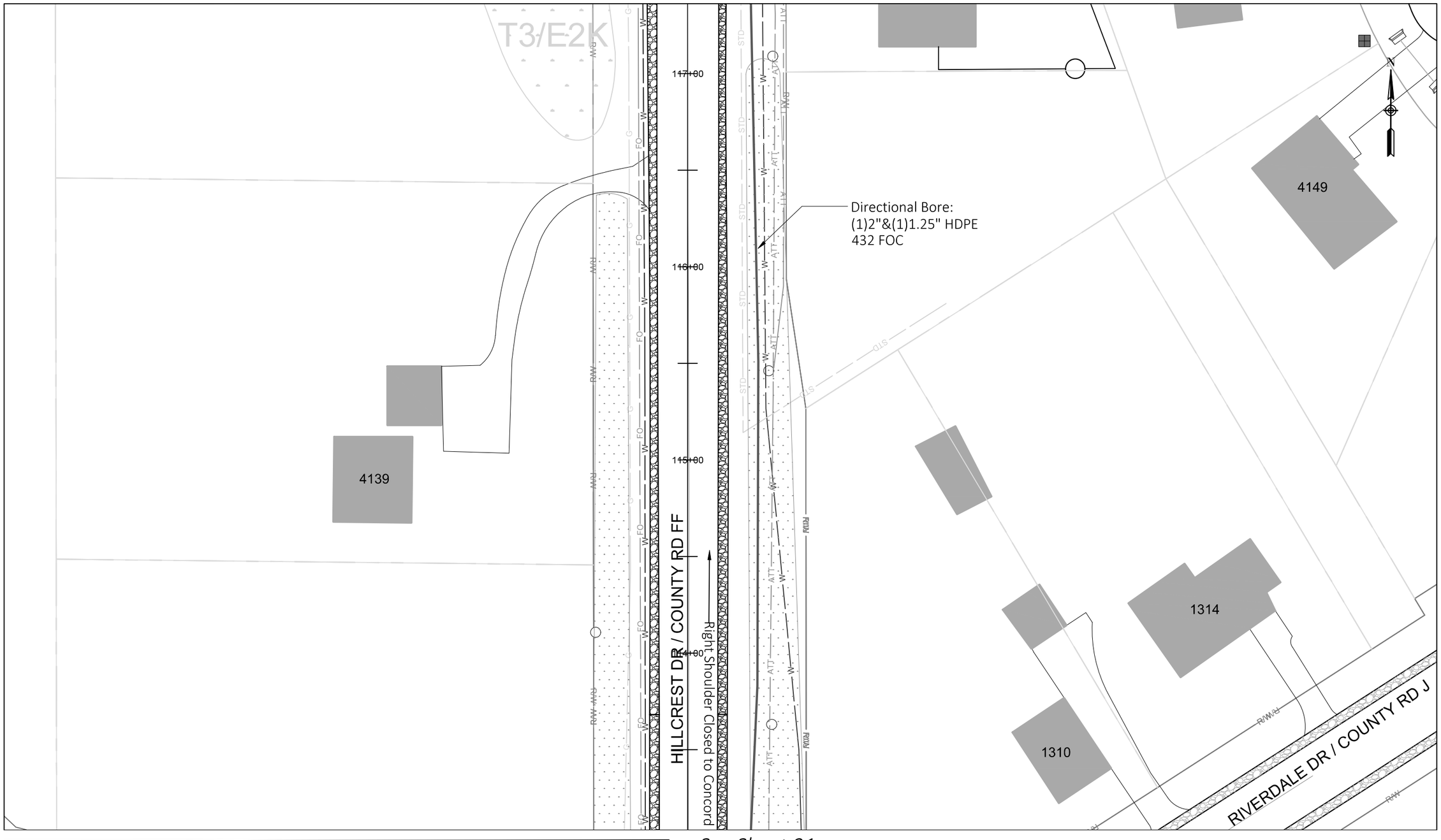
PRE_247

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 21

PLOT DATE : 1/21/2020 12:56 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 23



See Sheet 21

Construction Labor units this page:

Directional Bore:	428'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 428'	Place 216 FOC in duct: 0'

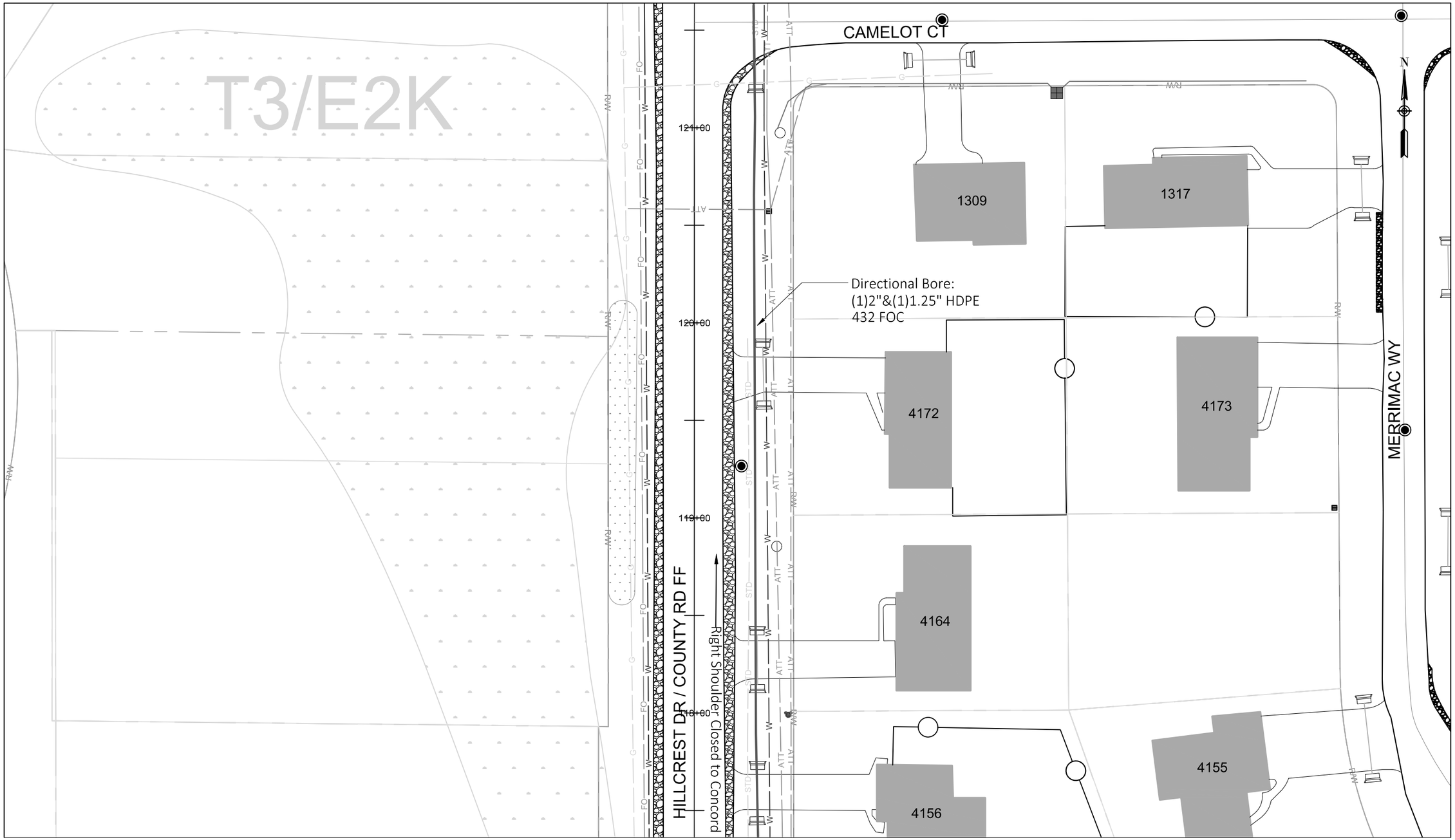
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_248

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 22

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 24



See Sheet 22

Construction Labor units this page:			
Directional Bore:	430'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 430'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 23

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 25



See Sheet 23

Construction Labor units this page:

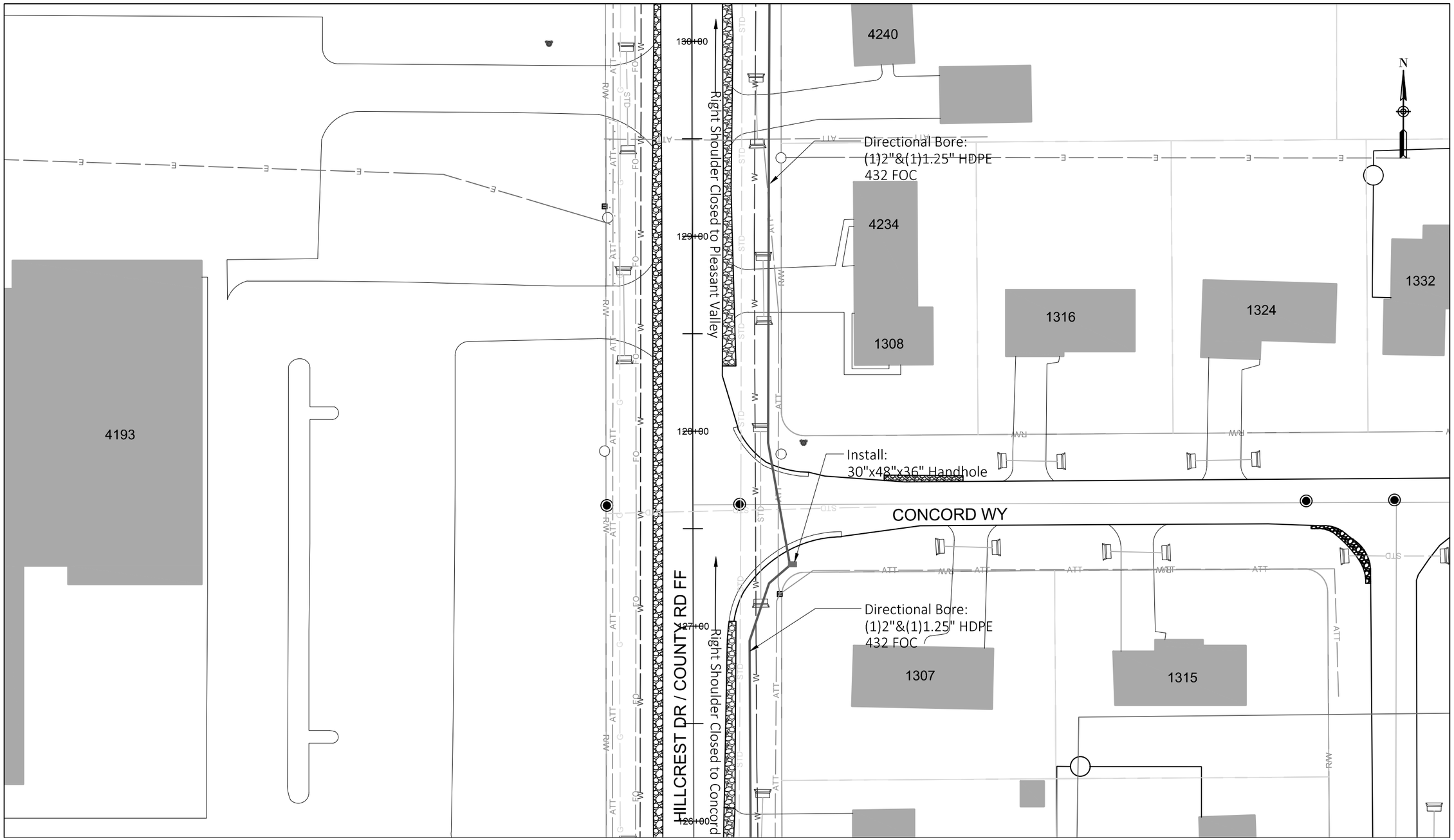
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_250

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 24
PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

See Sheet 26



See Sheet 24

Construction Labor units this page:

Directional Bore:	433'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 433'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_251

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 25

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 27



See Sheet 25

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

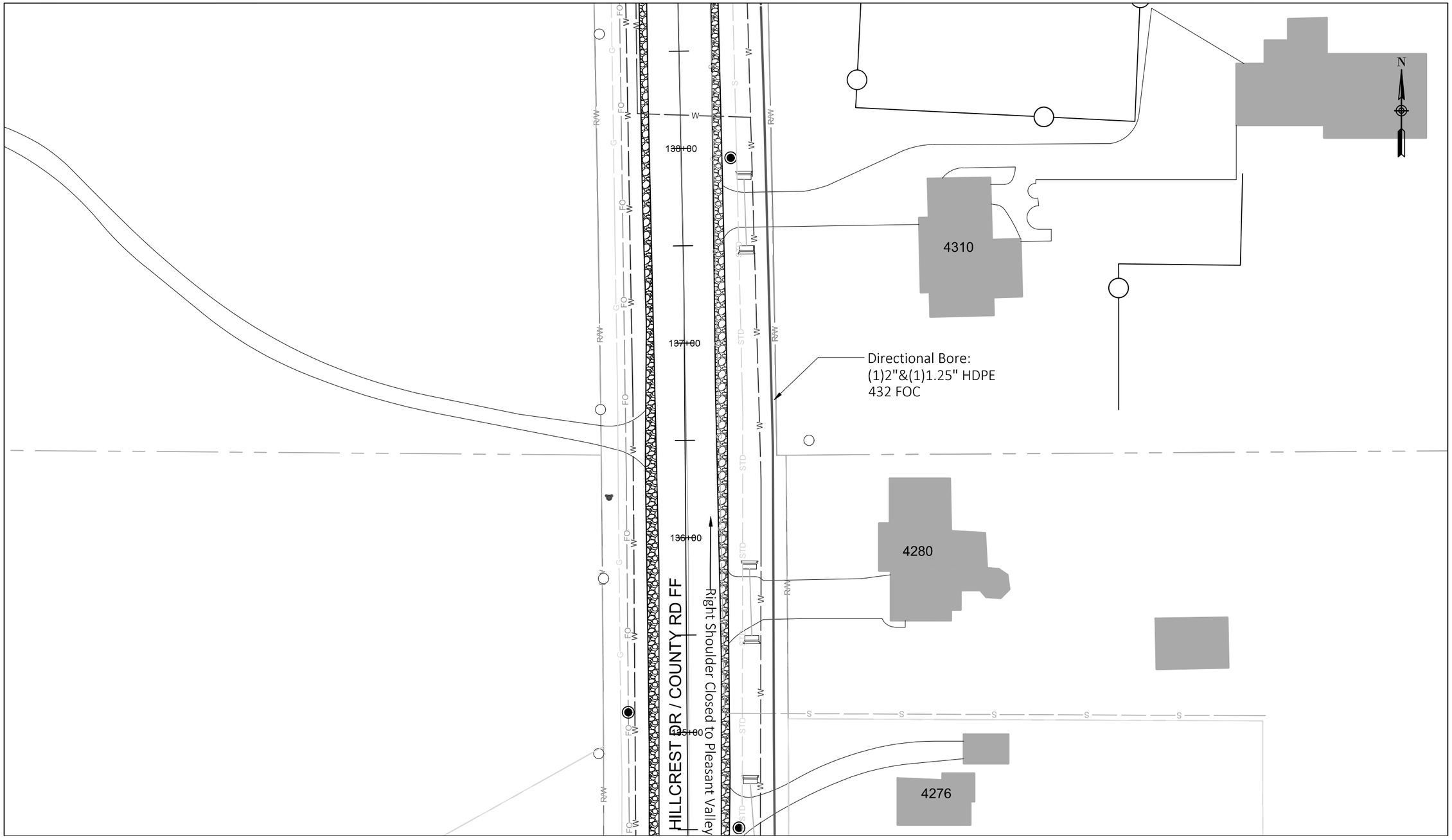
PRE_252

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 26

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 28



See Sheet 26

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

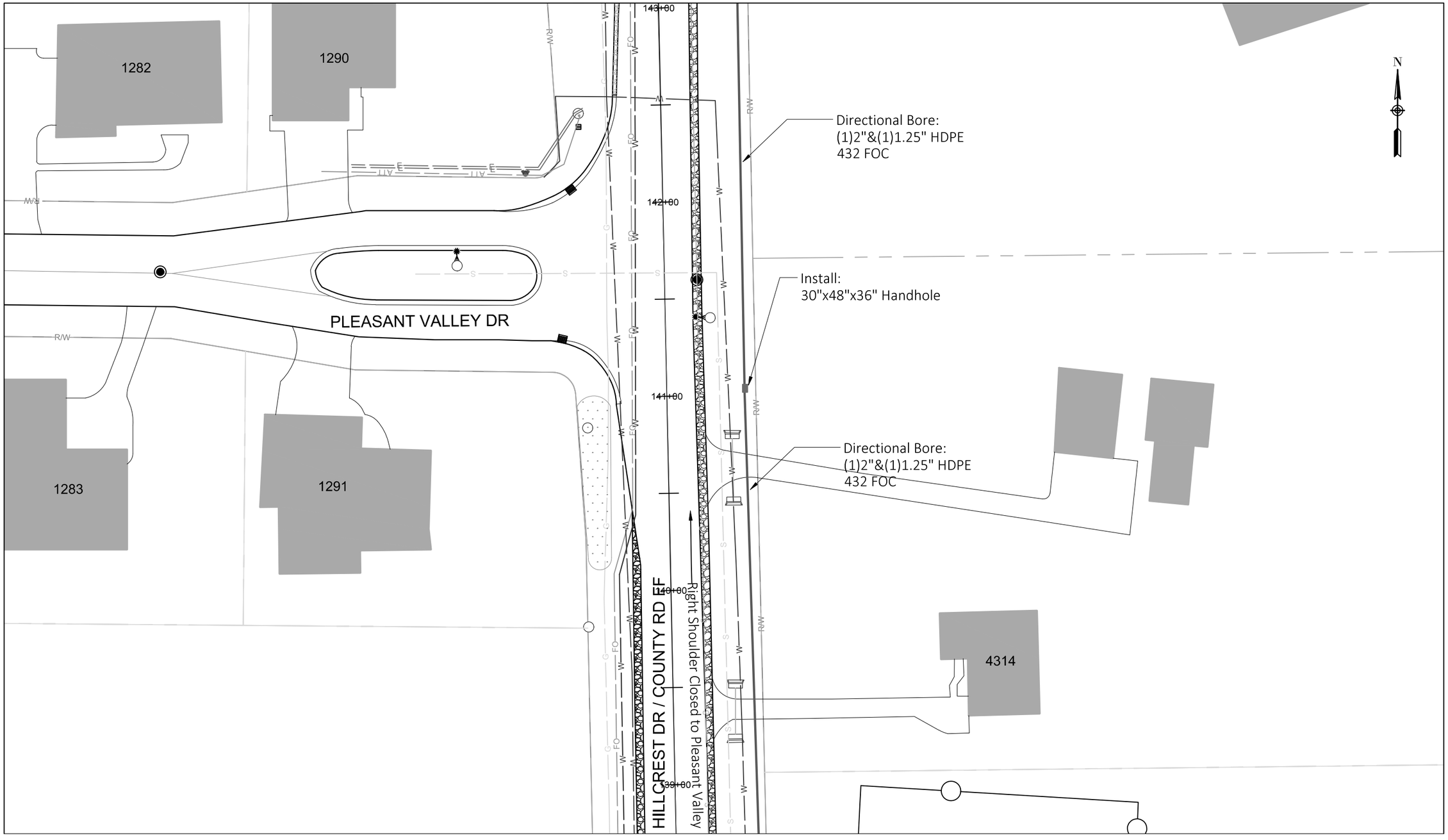
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 27

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 29



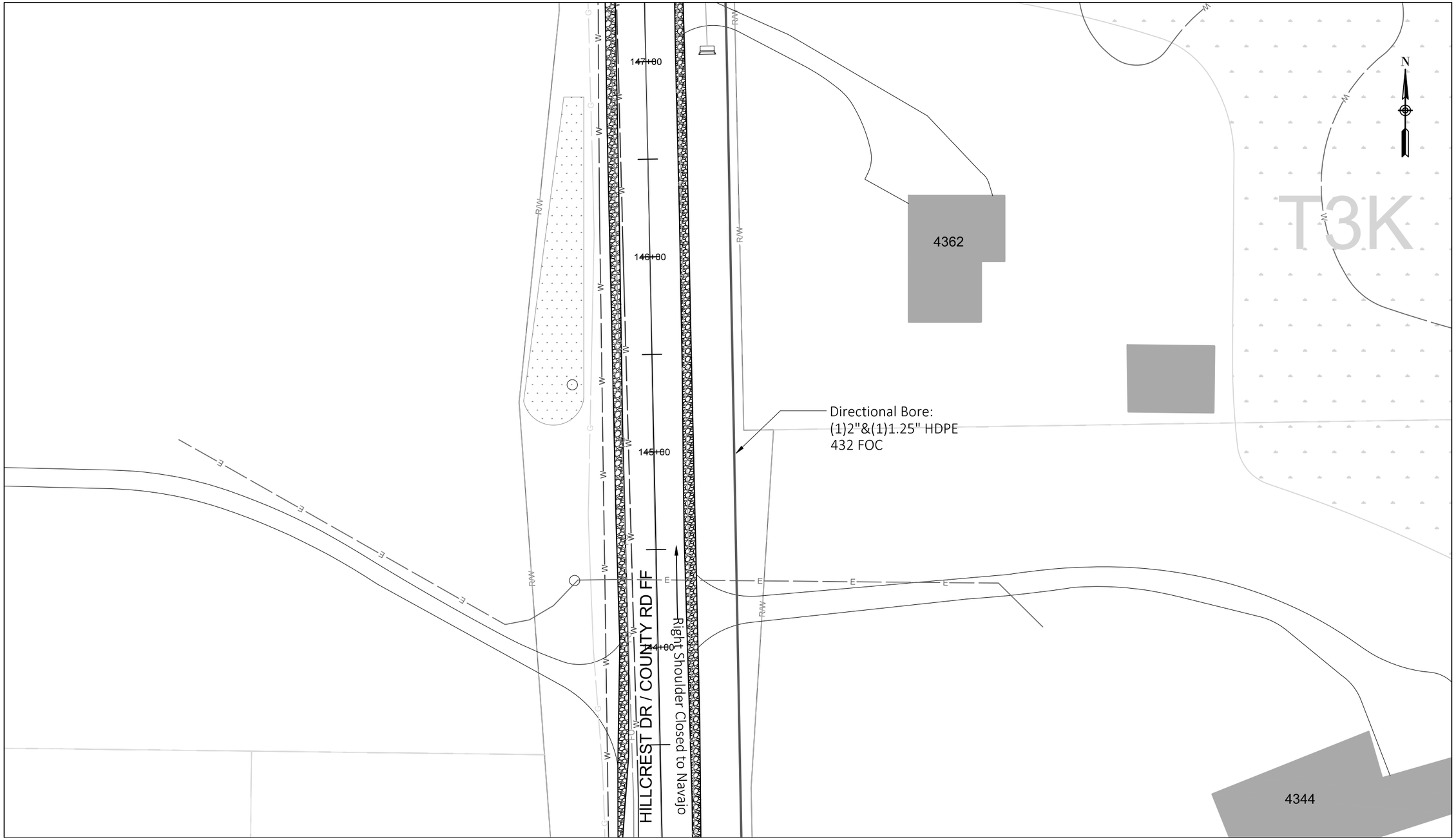
See Sheet 27

Construction Labor units this page:

Directional Bore:	425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 425'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

See Sheet 30



See Sheet 28

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

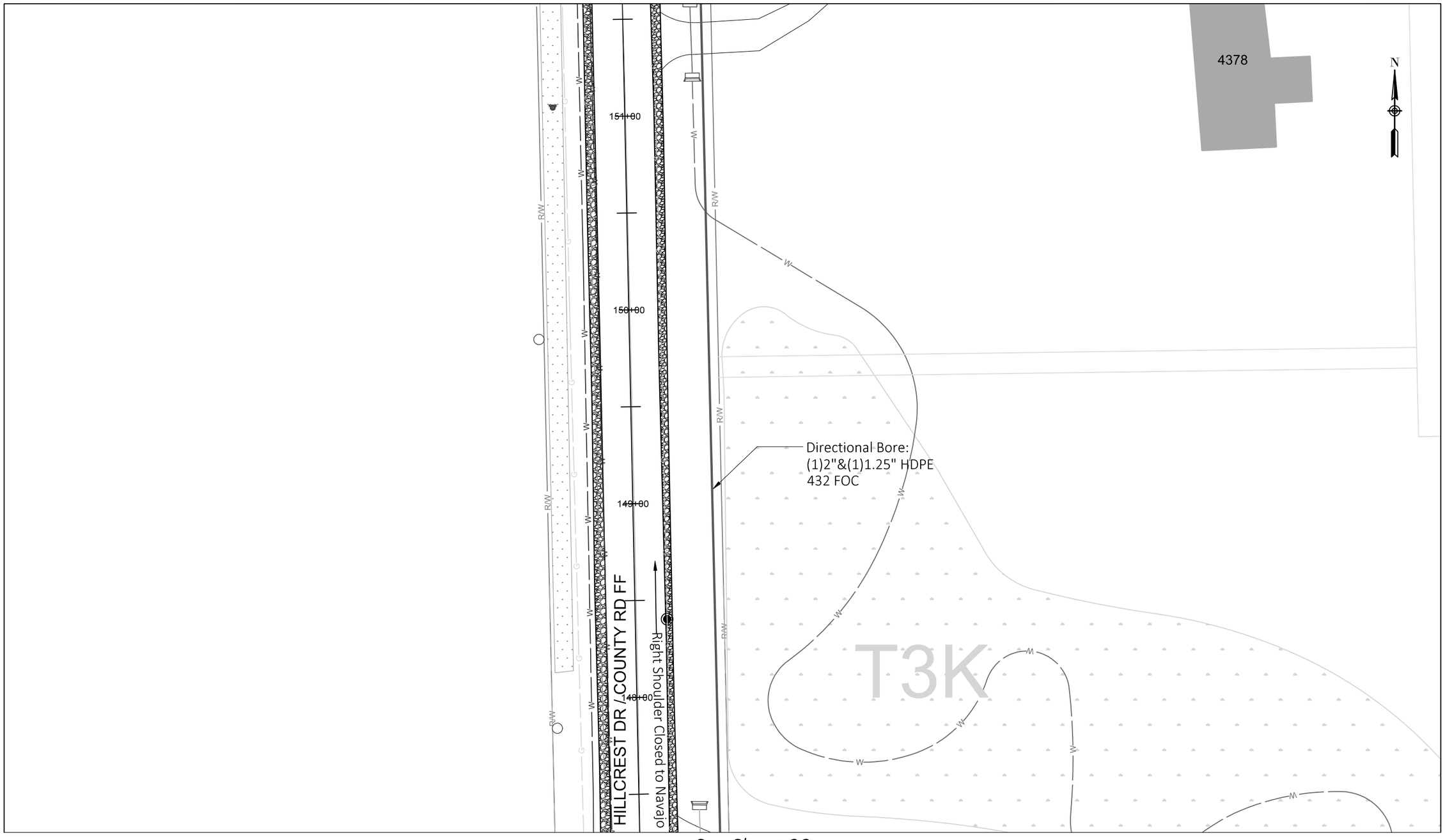
PRE_255

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 29

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 31



See Sheet 29

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET

PRE_256

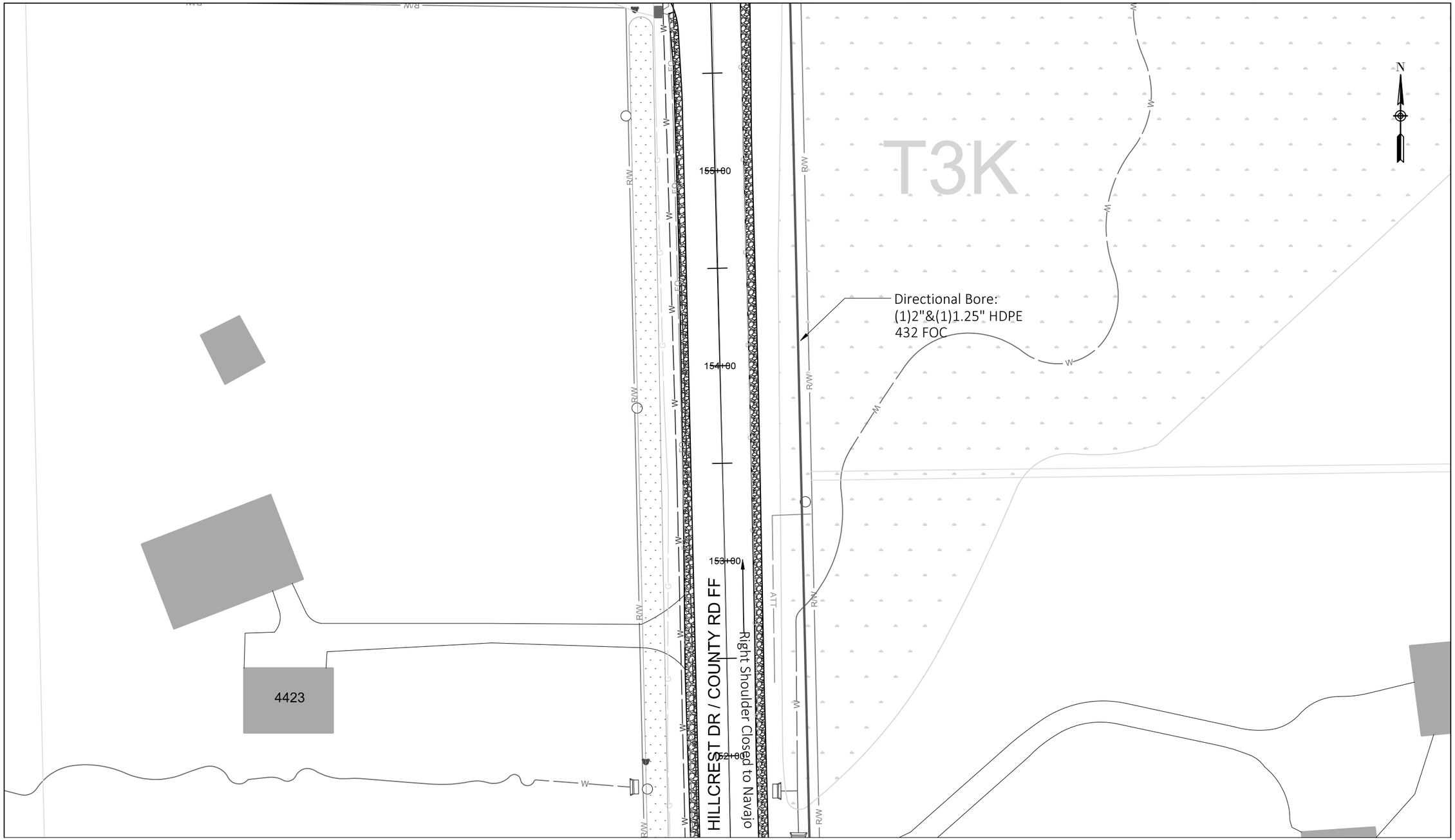
E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 30

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 32



See Sheet 30

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

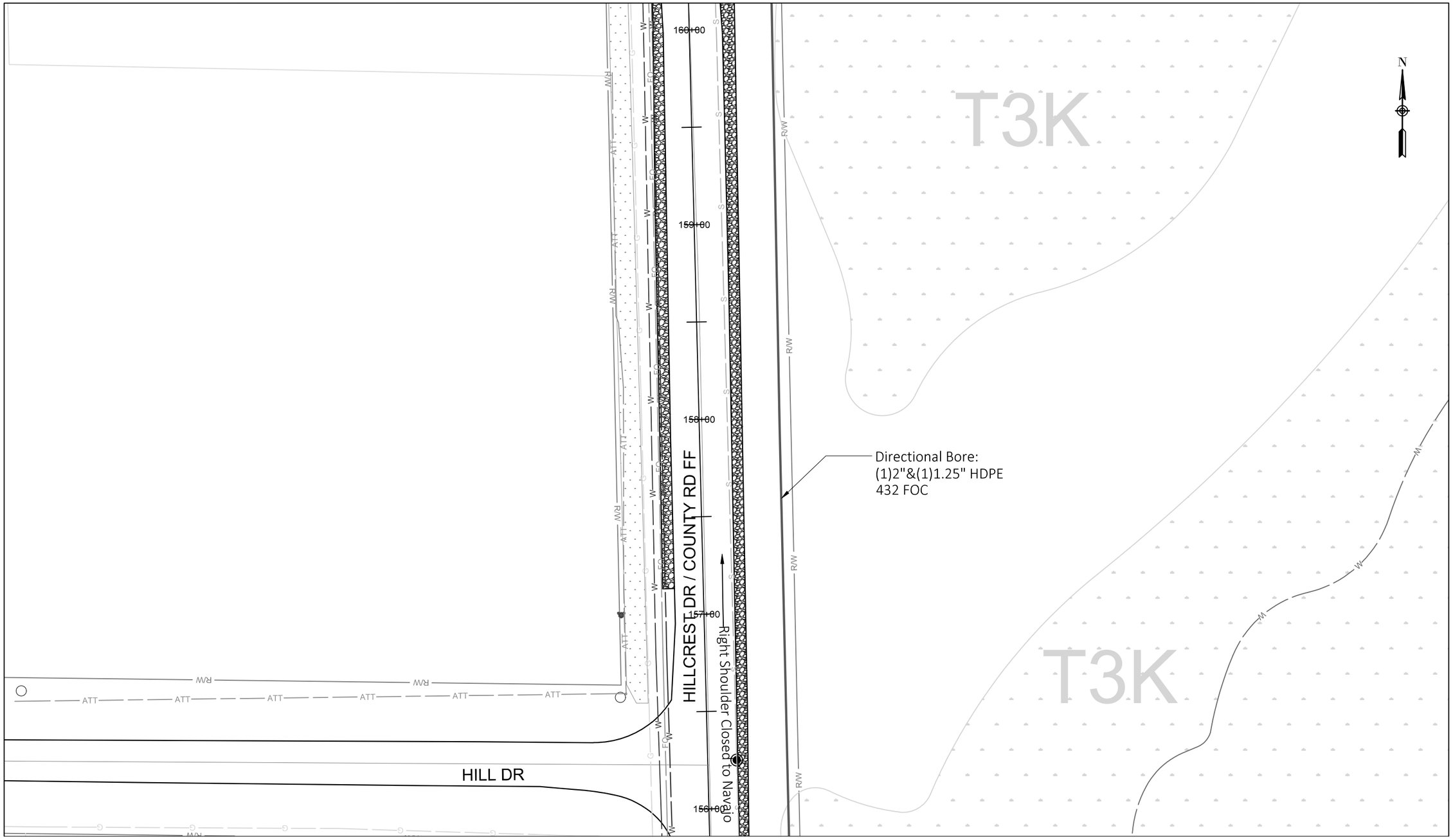
PRE_257

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 31

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 33



See Sheet 31

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

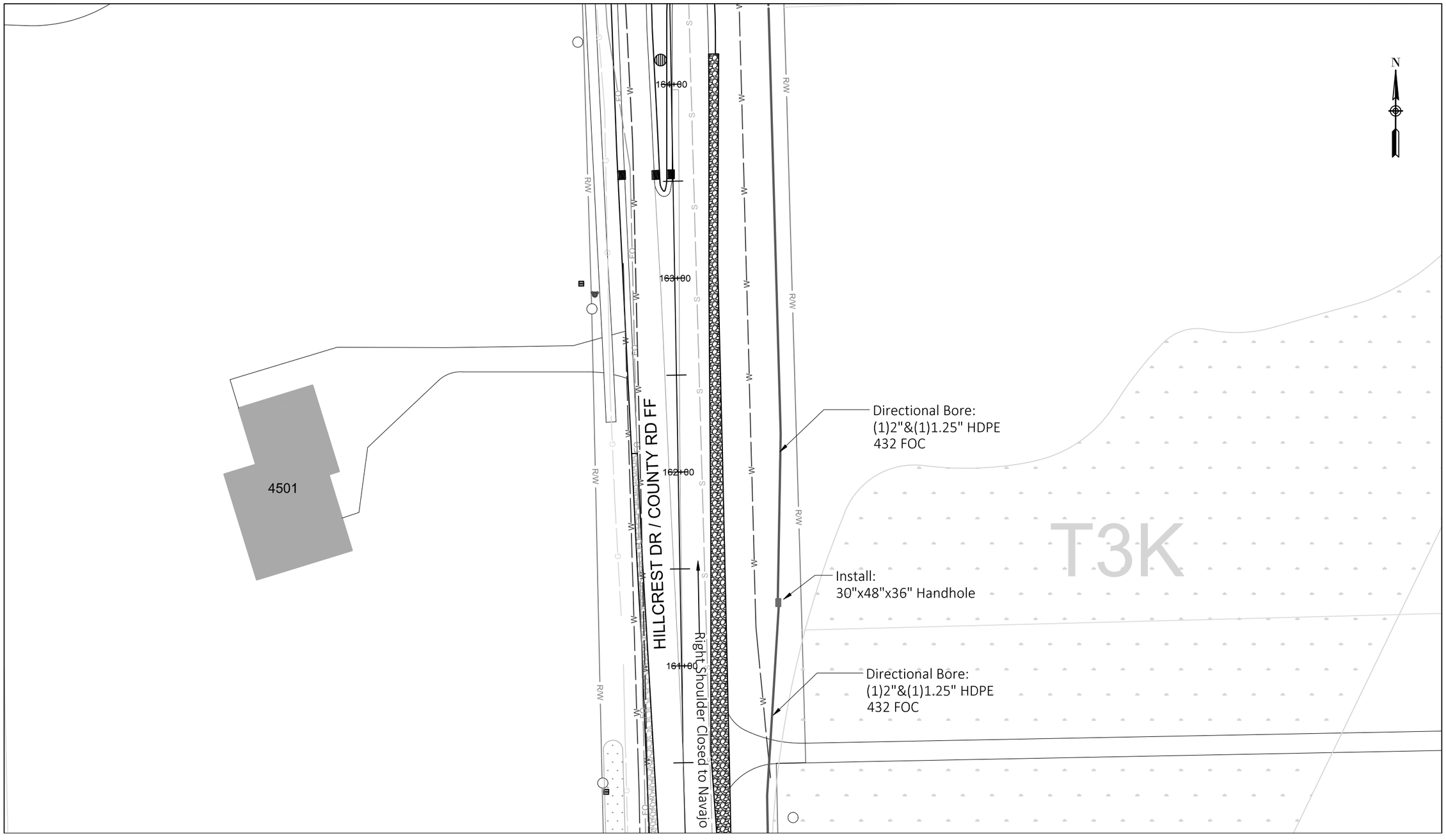
PRE_258

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 32

PLOT DATE : 1/21/2020 12:57 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 34



See Sheet 32

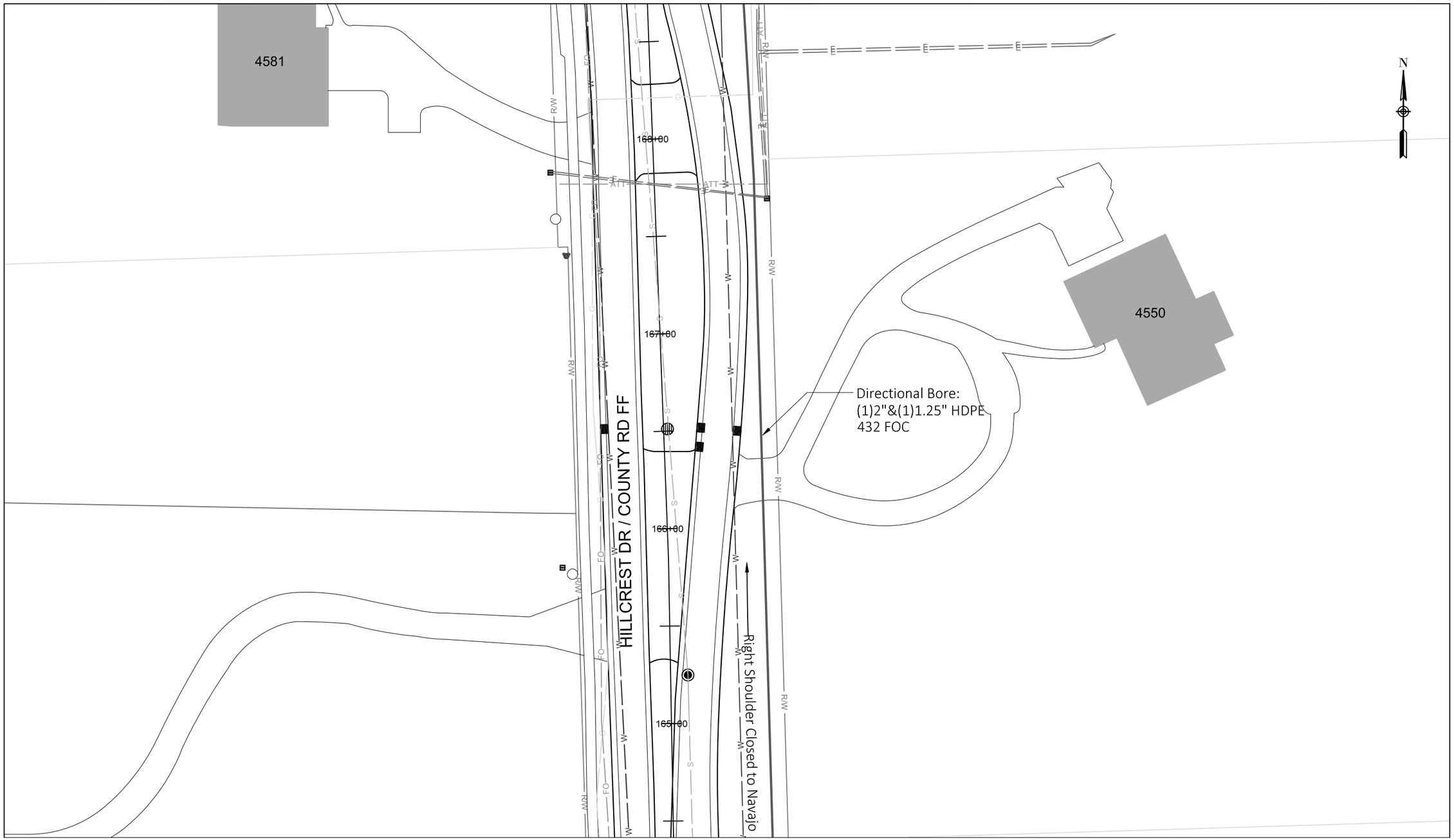
Construction Labor units this page:

Directional Bore:	425'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	425'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET

PRE_259 E

See Sheet 35



See Sheet 33

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

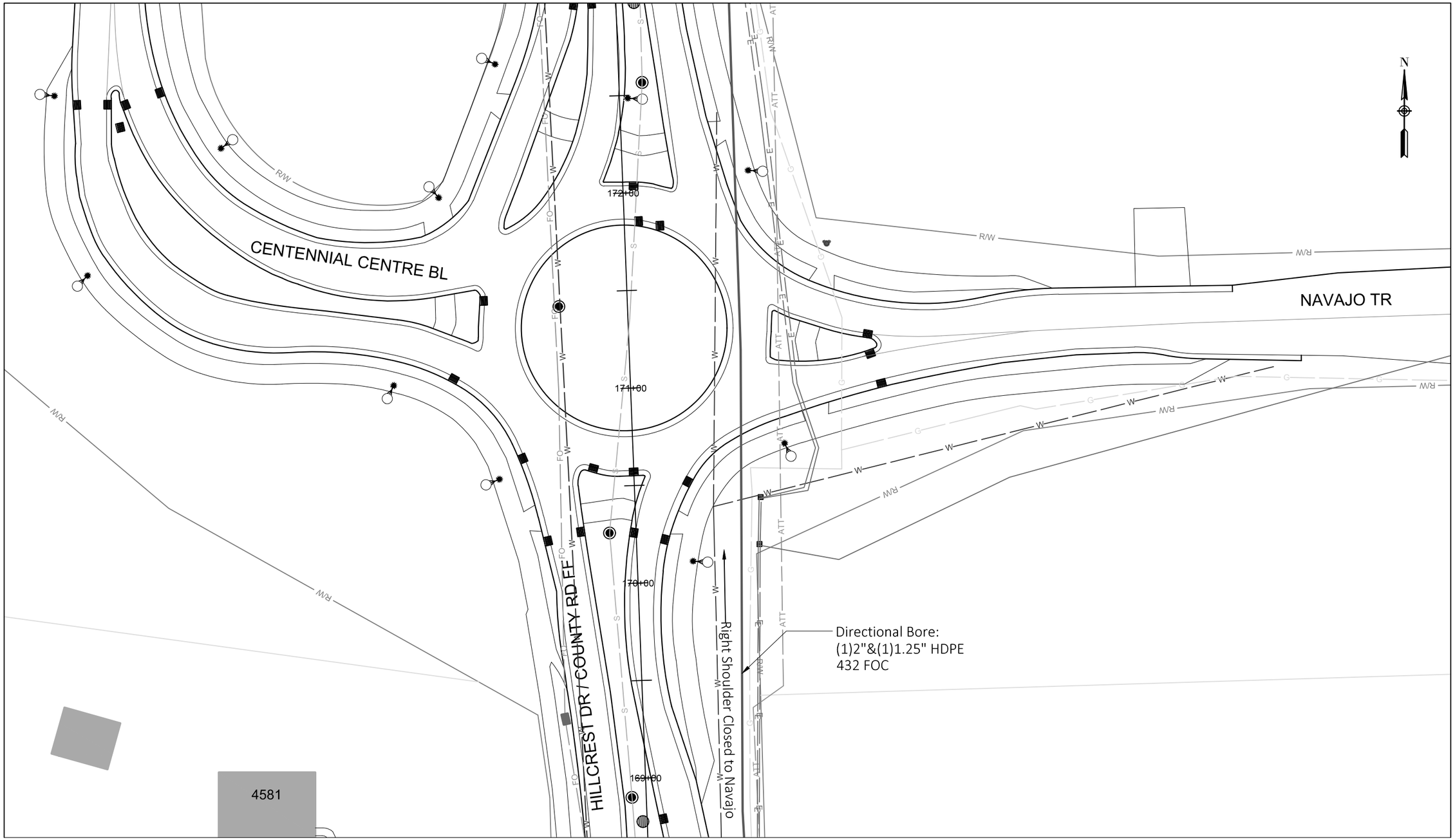
PRE_260

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 34

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 36



See Sheet 34

Construction Labor units this page:			
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 35

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 37

T3K

CENTENNIAL CENTRE BL

HILLCREST DR / COUNTY RD FF

177+00

176+00

175+00

174+00

173+00

Right Shoulder Closed to Ramp

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

N

See Sheet 35

Construction Labor units this page:

Directional Bore:	428'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 428'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

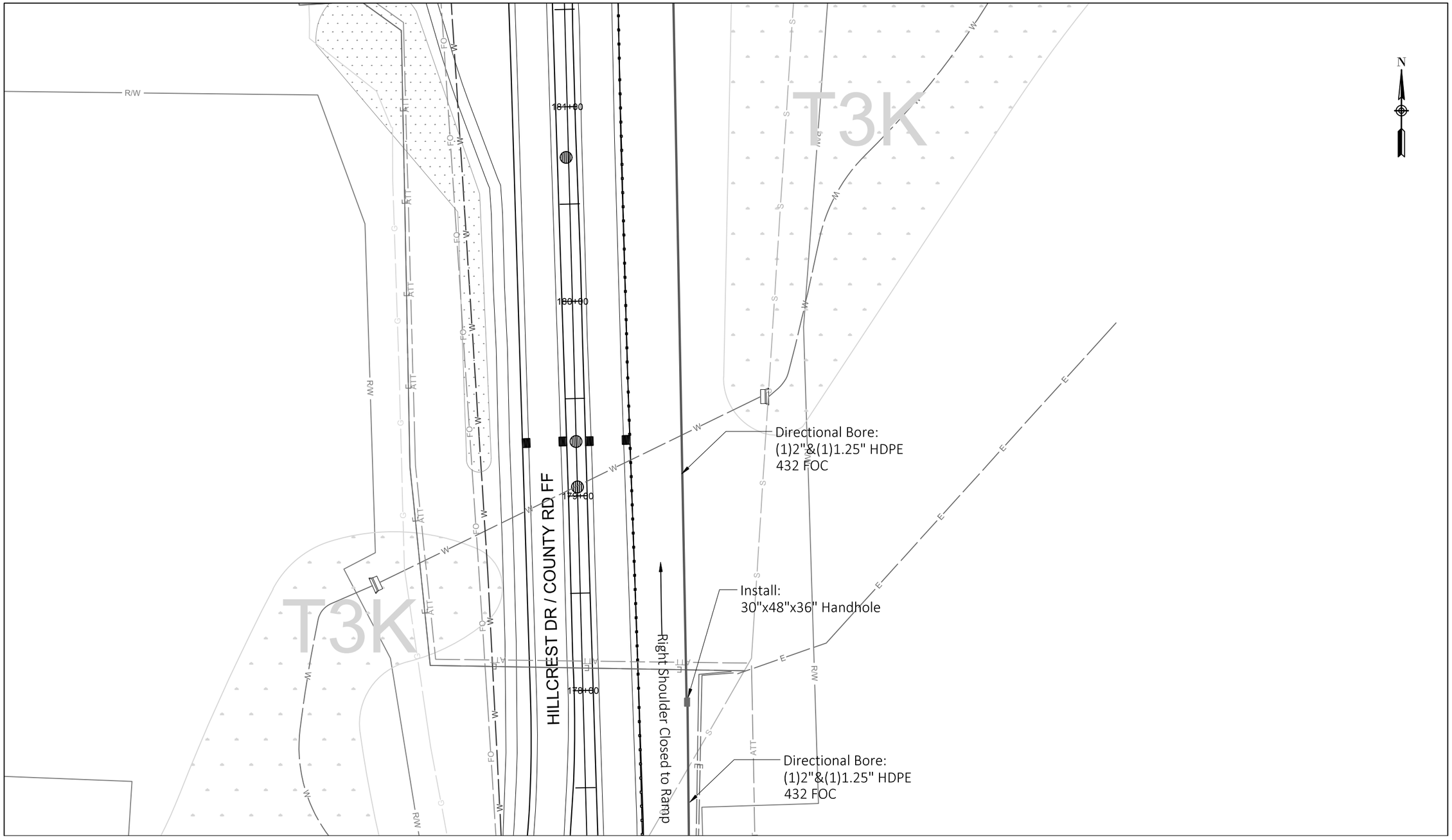
PRE_262

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 36

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 38



Construction Labor units this page:

Directional Bore:	425'	Handhole Installation: 1		Store cable expansion in handhole: 100'	
Plow:	0'	Place 432 FOC in duct:	425'	Place 216 FOC in duct:	0'

See Sheet 36

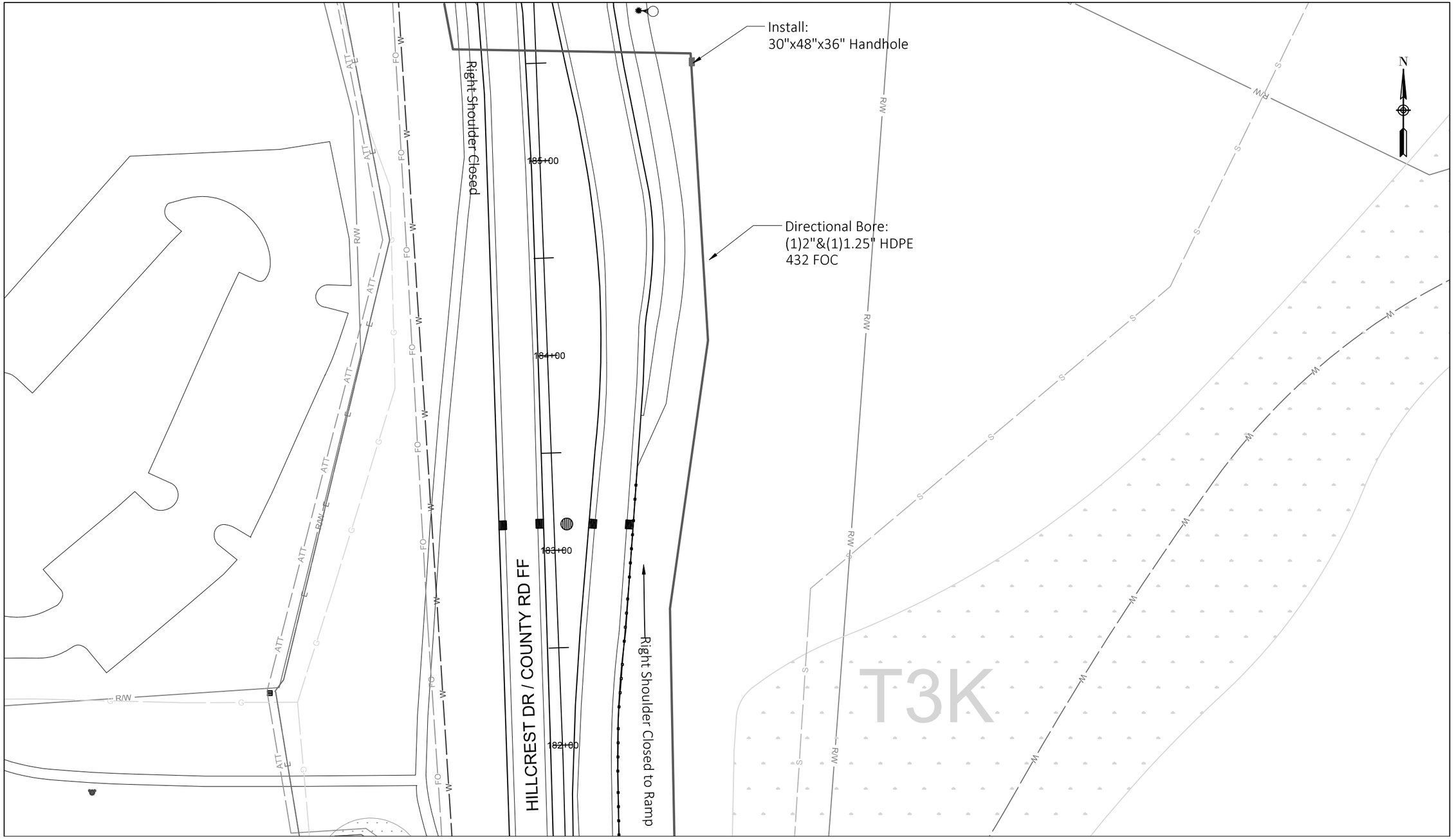
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 37

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 39



See Sheet 37

Construction Labor units this page:

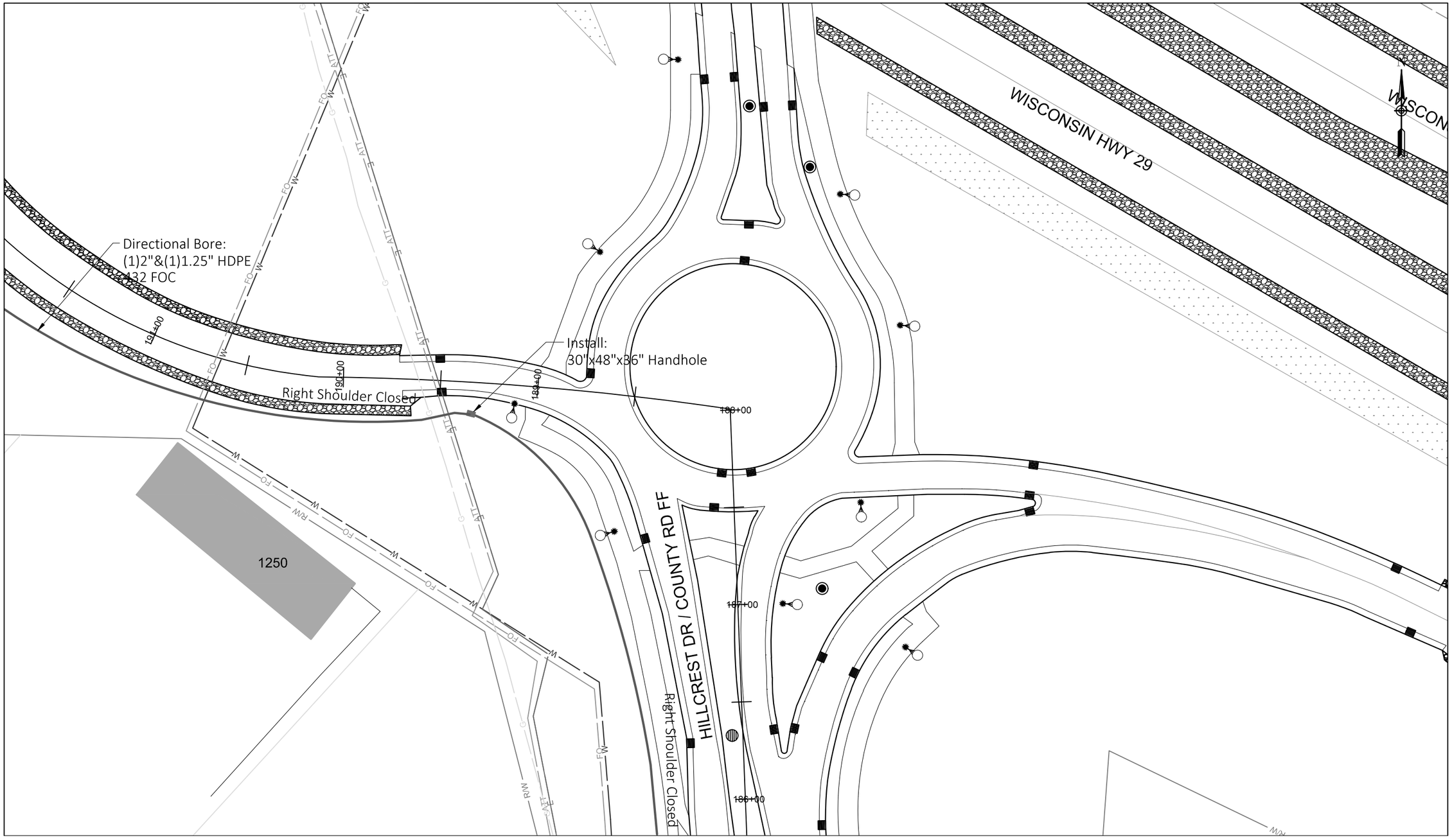
Directional Bore:	550'	Handhole Installation: 0	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 550'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 38

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



Construction Labor units this page:

Directional Bore:	495'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 495'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_265

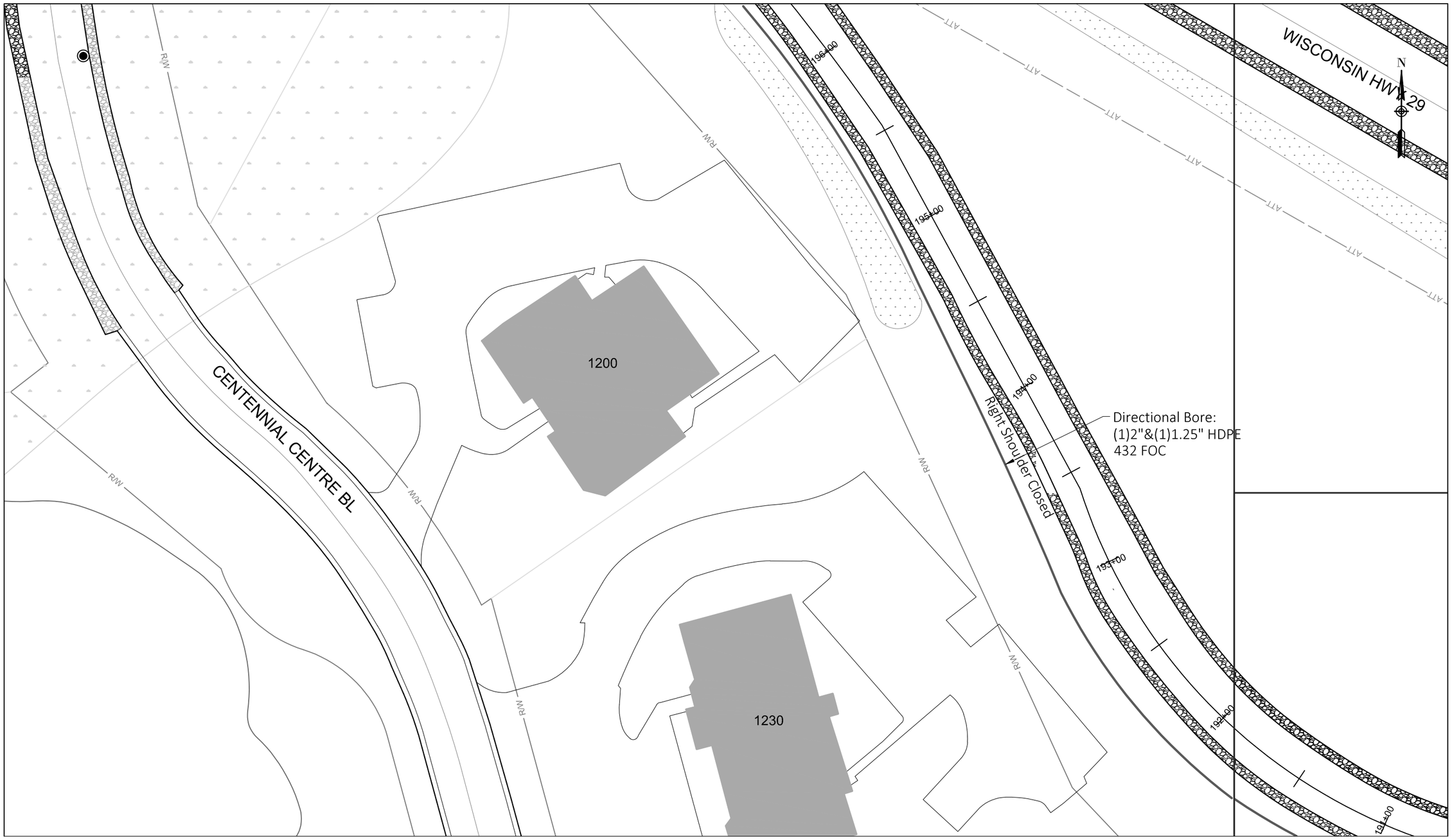
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 39

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

40

See Sheet 41



See Sheet 39

Construction Labor units this page:

Directional Bore:	480'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 480'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_266

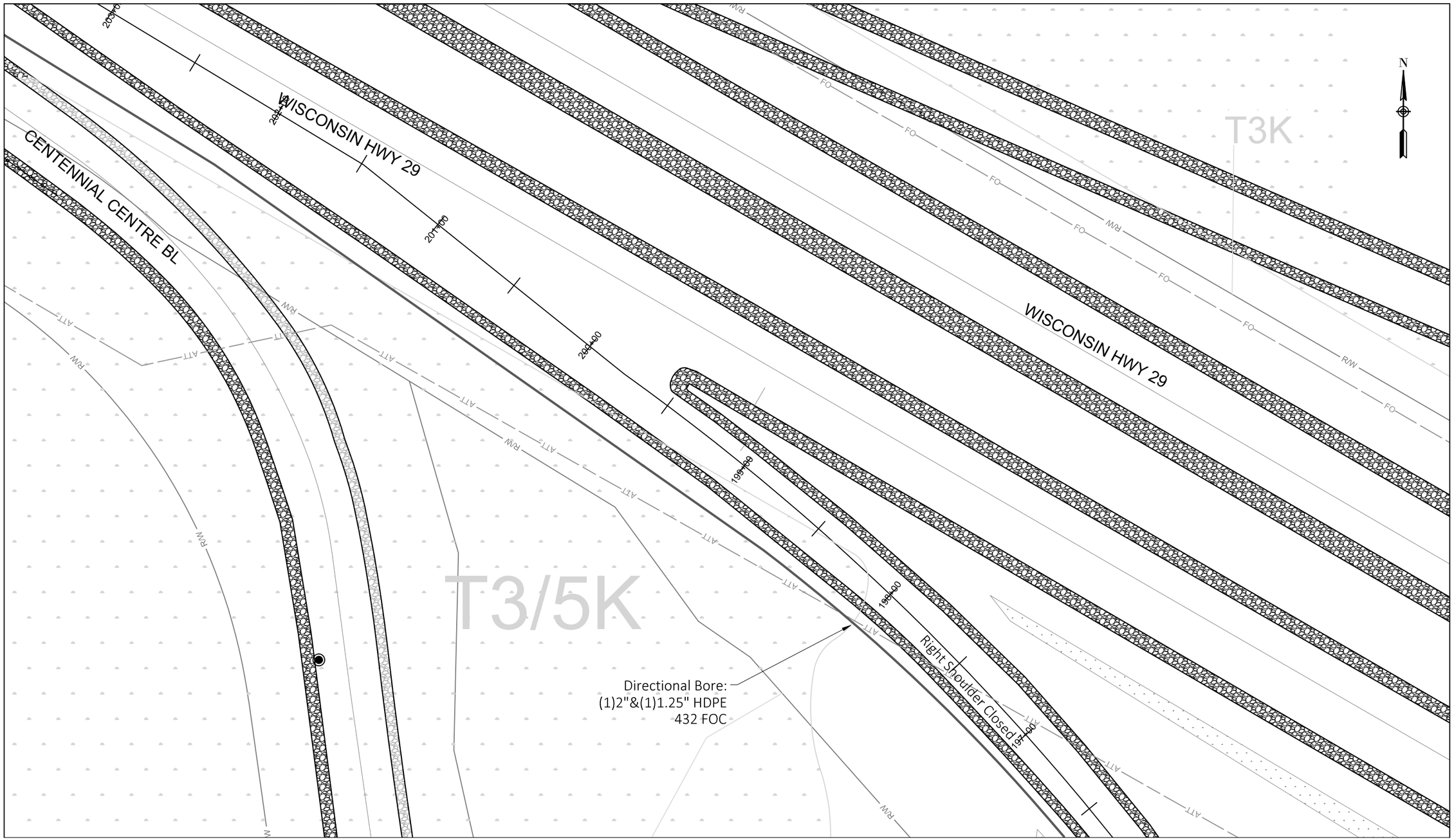
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 40

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

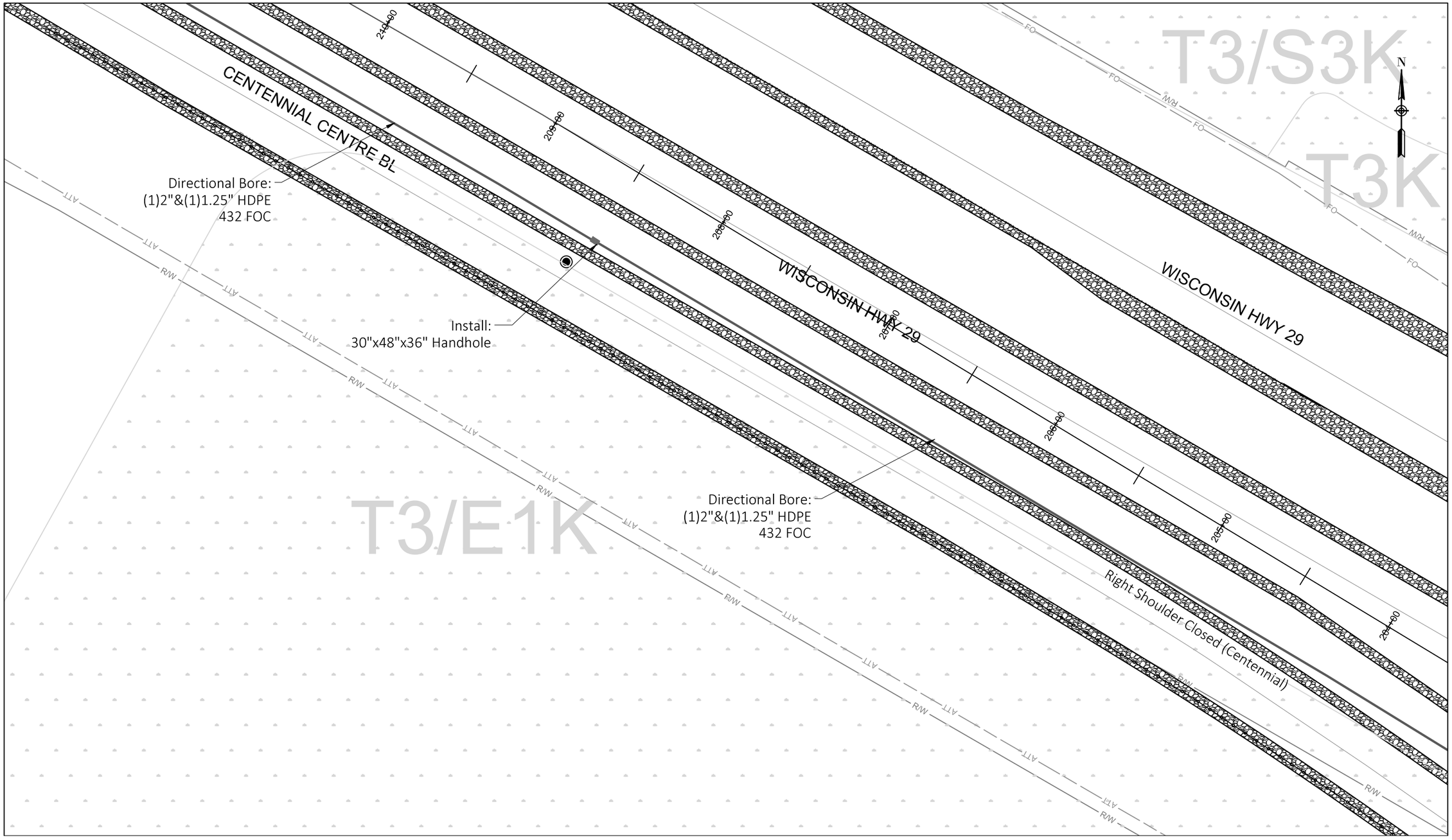
WISDOT/CADDS SHEET 42

41

See Sheet 42



See Sheet 43



See Sheet 41

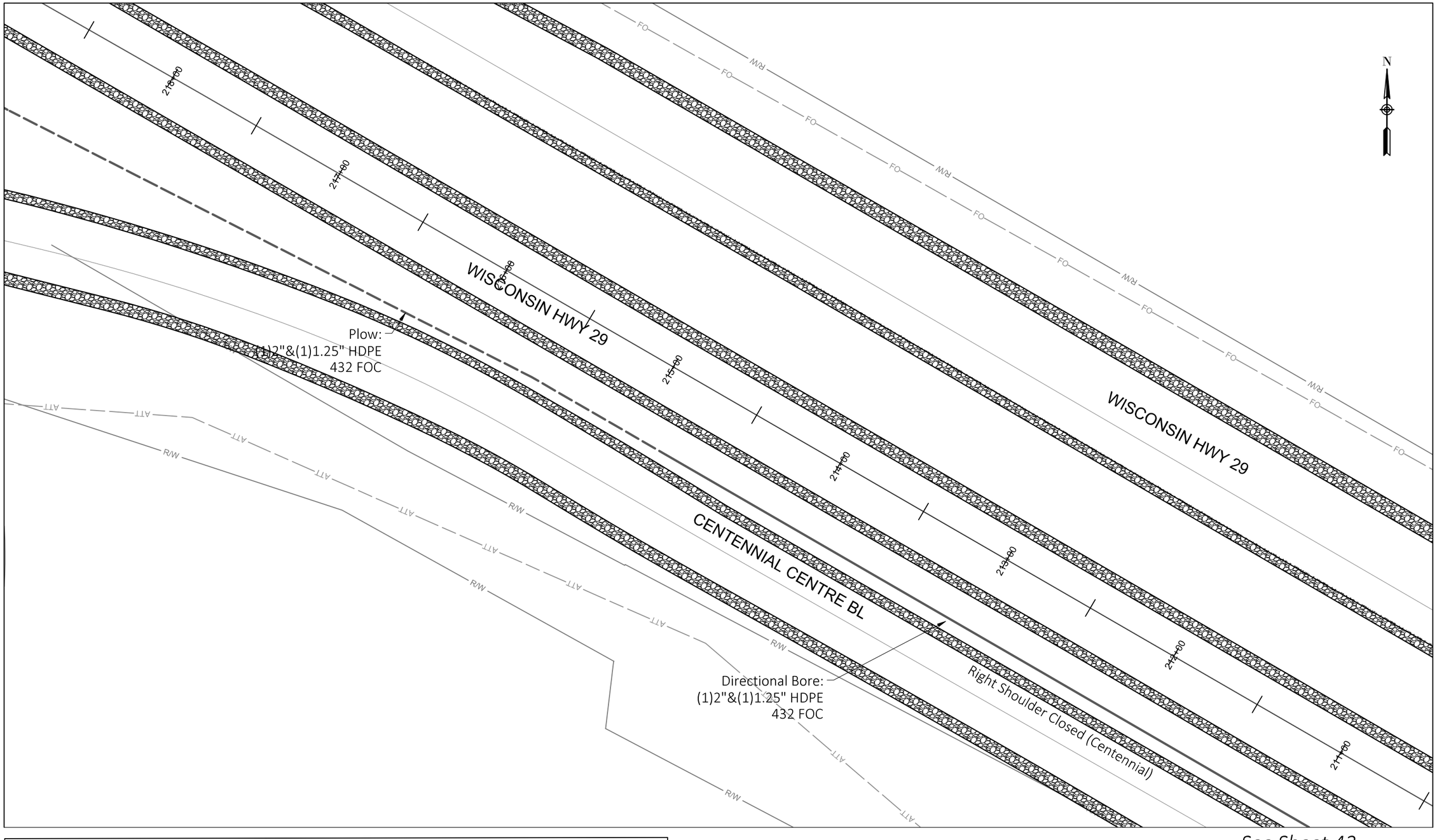
Construction Labor units this page:

Directional Bore:	750'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	750'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_268

See Sheet 44



See Sheet 42

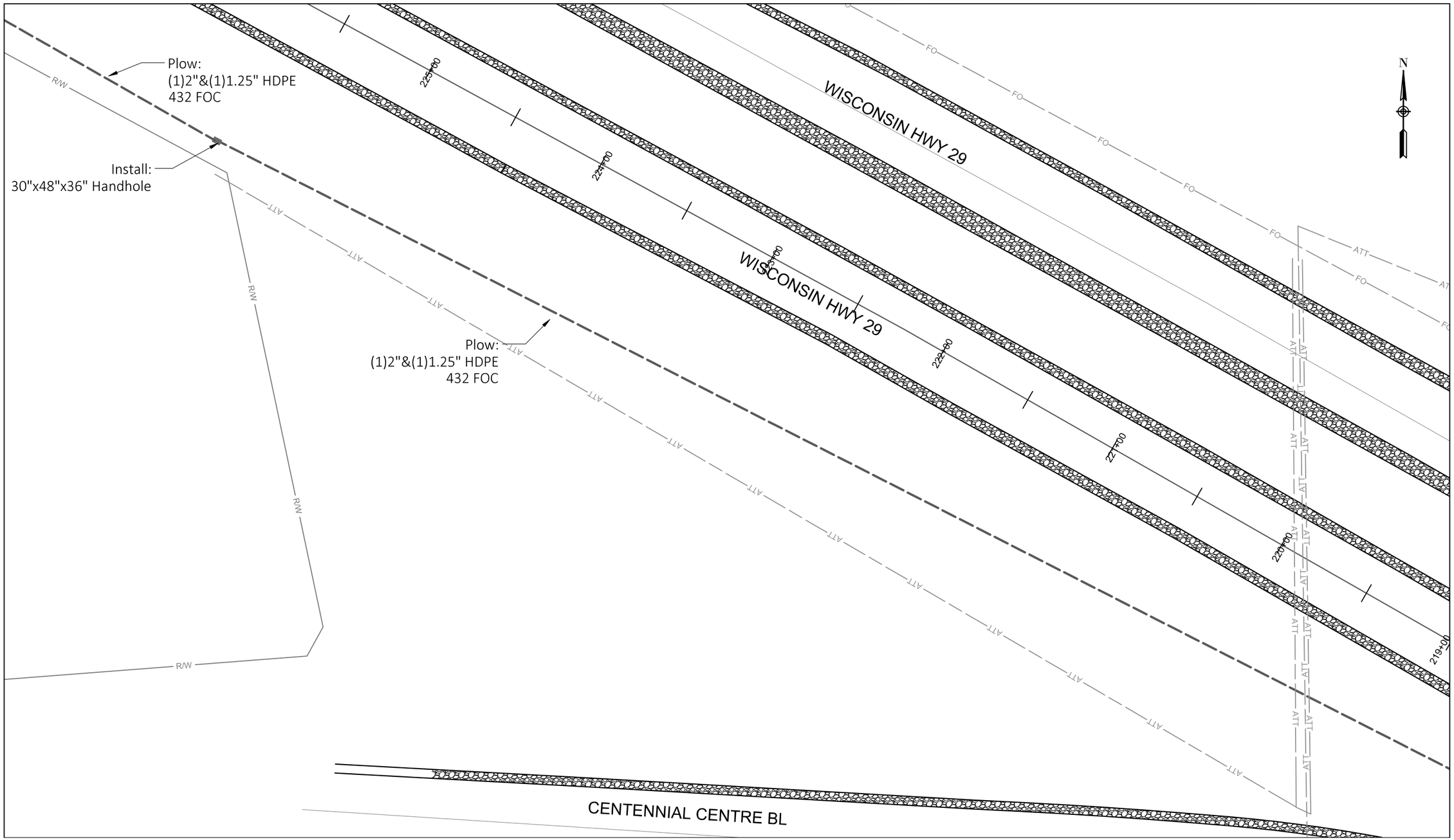
Construction Labor units this page:

Directional Bore:	386'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	385'	Place 432 FOC in duct: 771'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_269

See Sheet 45



See Sheet 43

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	833'	Place 432 FOC in duct:	833'	Place 216 FOC in duct:	0'

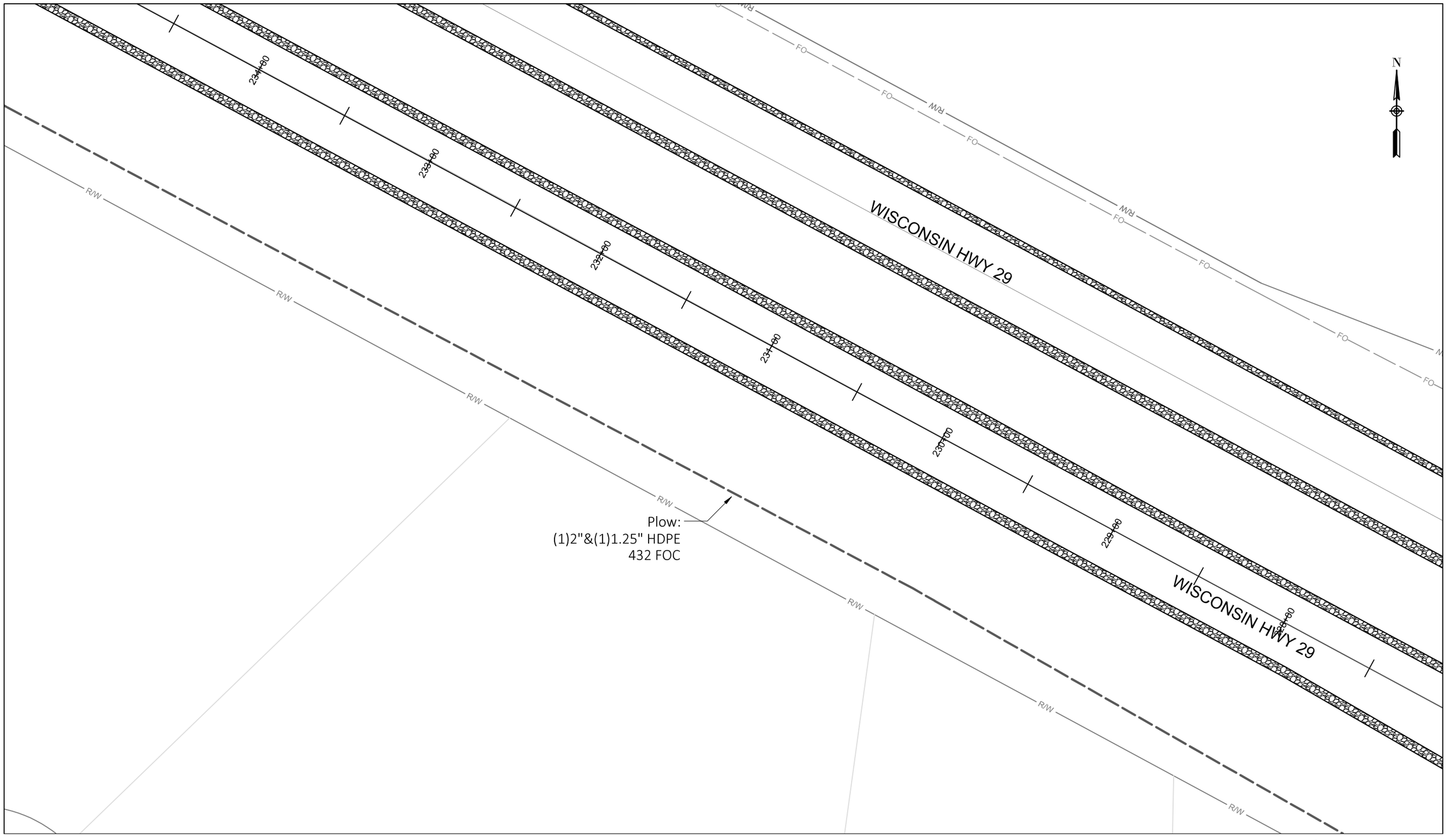
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 44

PLOT DATE : 1/21/2020 12:58 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 46



See Sheet 44

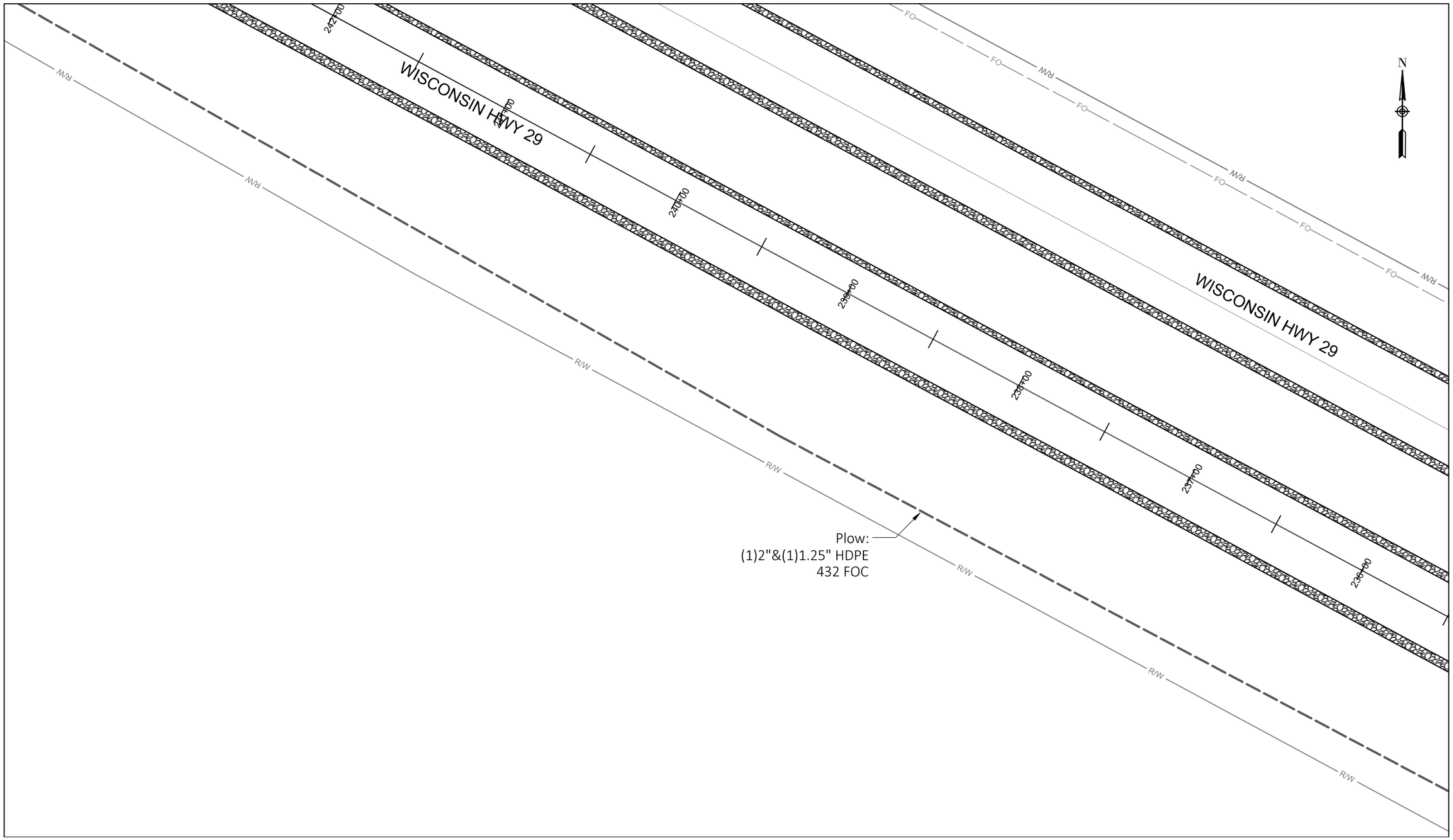
Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	800'	Place 432 FOC in duct: 800'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_271

46 *See Sheet 47*



2

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	837'	Place 432 FOC in duct: 837'	Place 216 FOC in duct: 0'

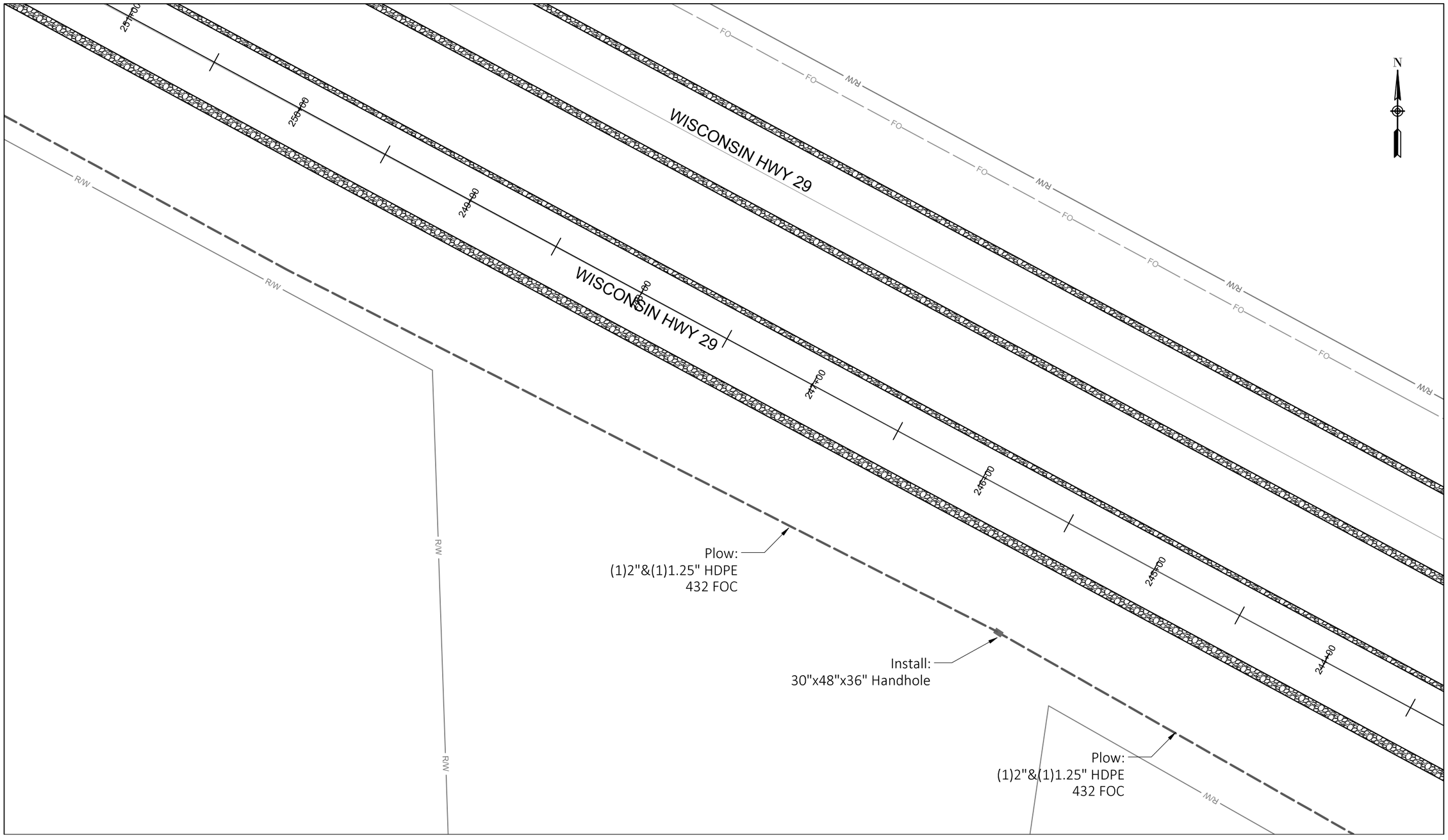
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET

PRE_272 E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 46

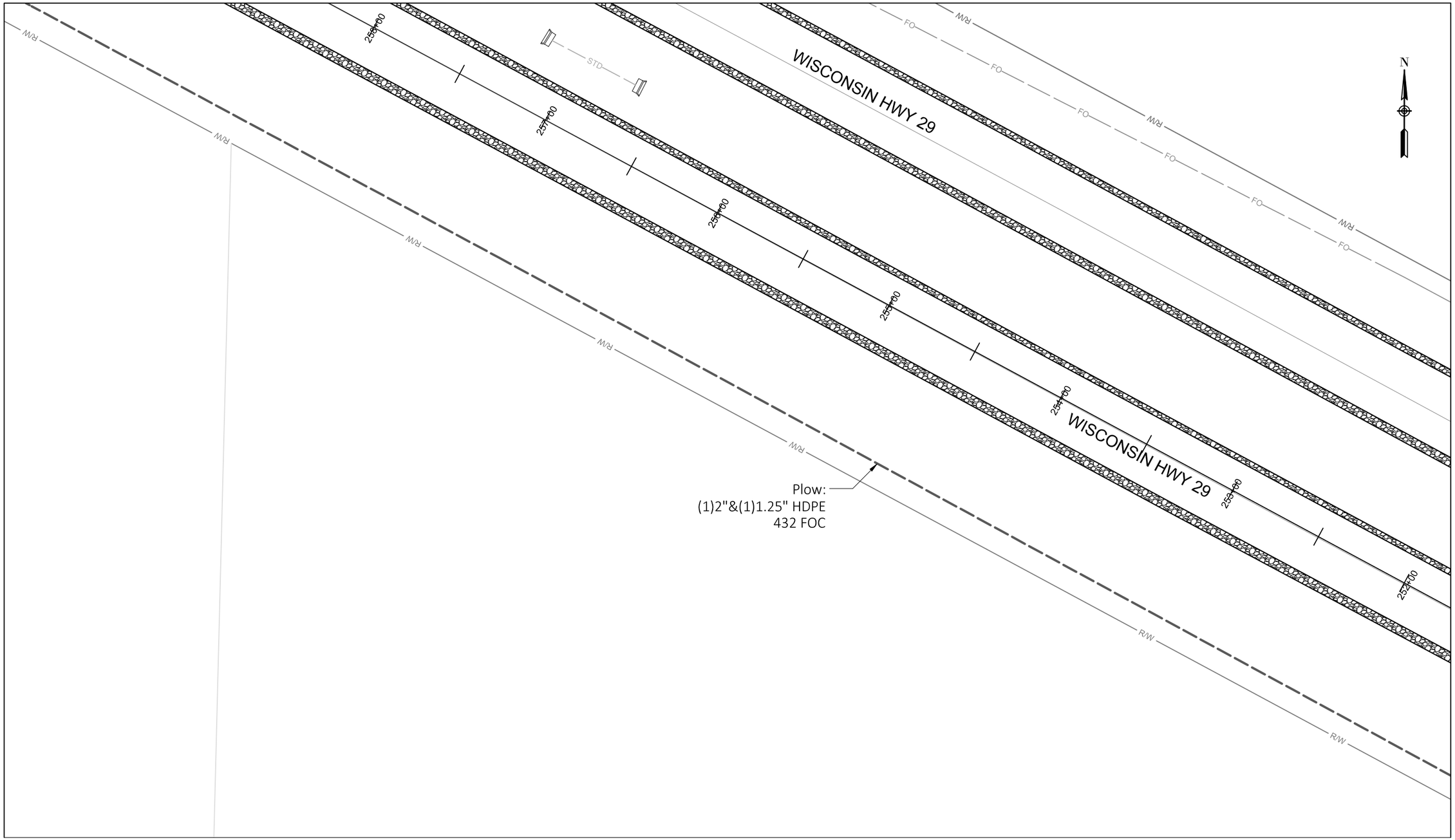
PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	785'	Place 432 FOC in duct: 785'	Place 216 FOC in duct: 0'



Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	828'	Place 432 FOC in duct: 828'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

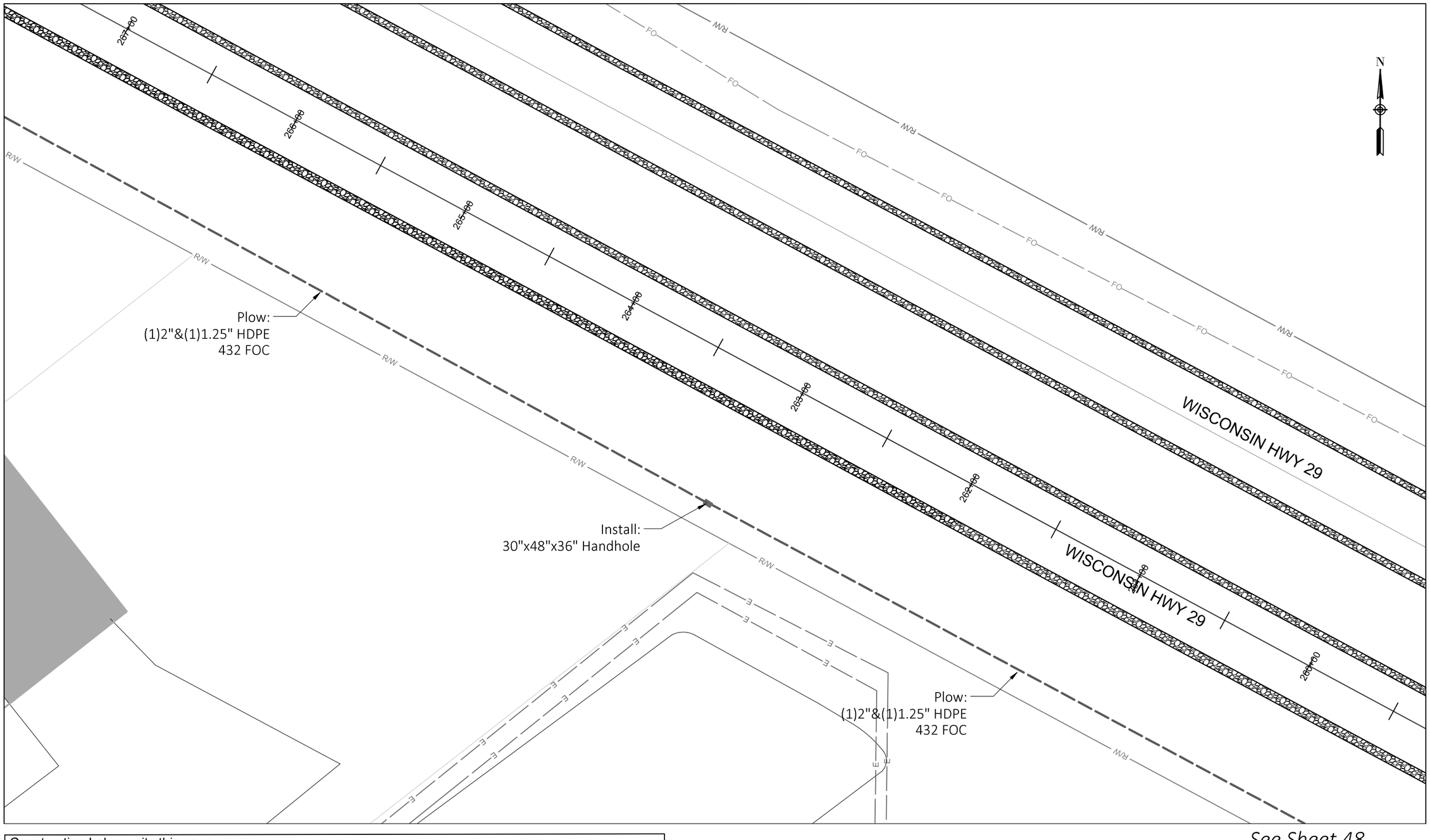
PRE_274

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 48

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

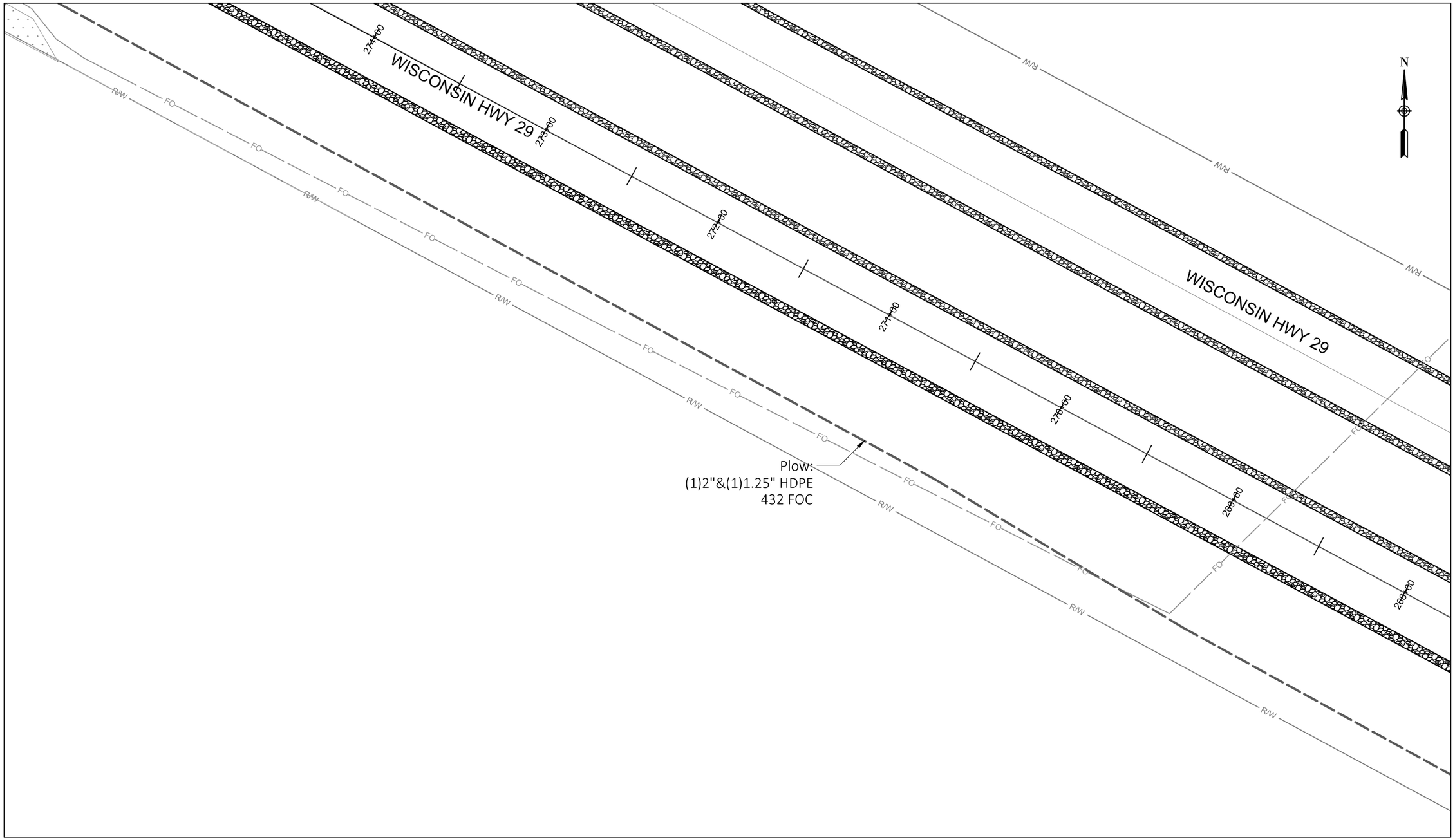
See Sheet 50



See Sheet 48

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	770'	Place 432 FOC in duct: 770'	Place 216 FOC in duct: 0'



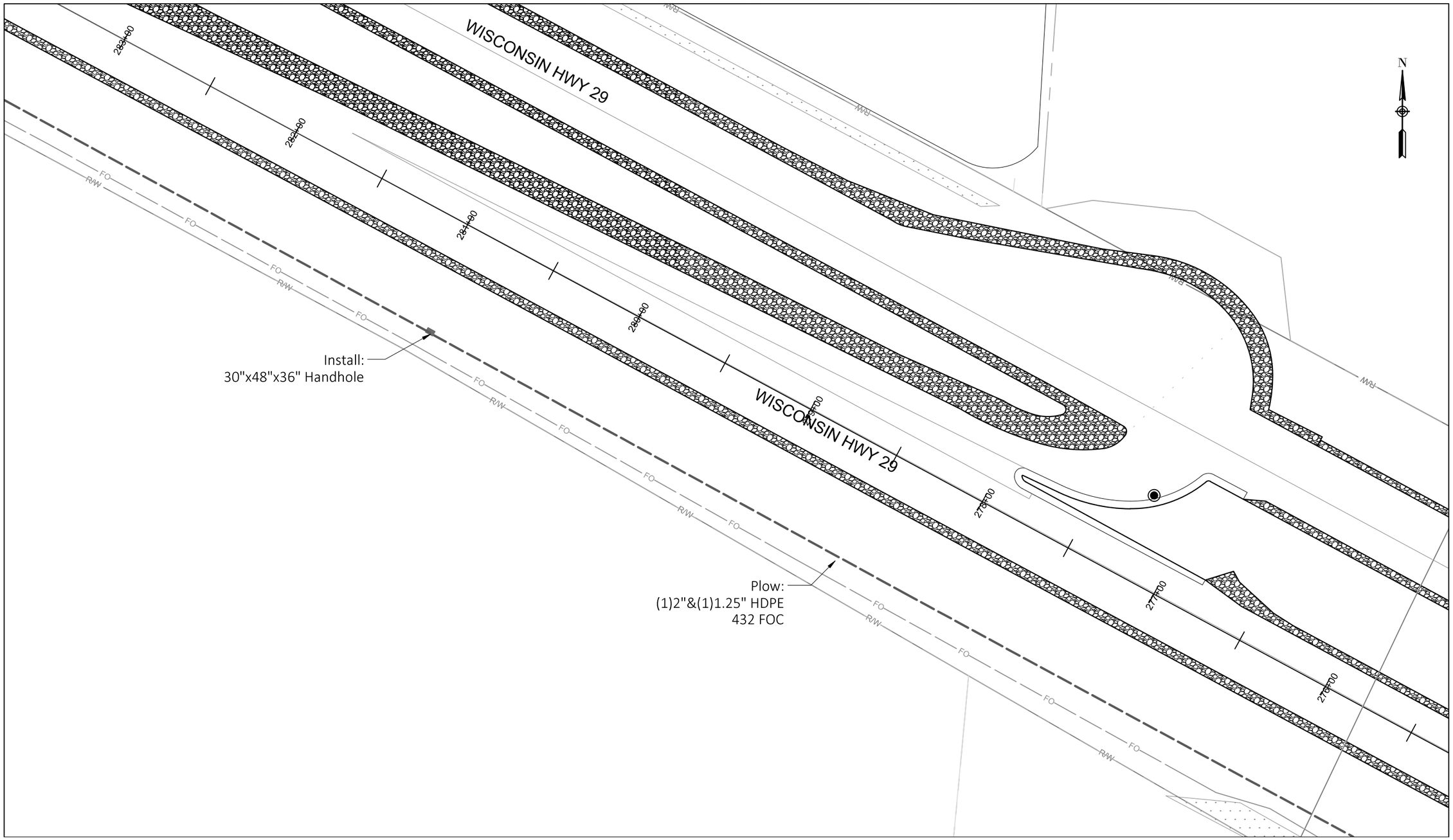
Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	814'	Place 432 FOC in duct: 814'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_276

See Sheet 52



See Sheet 50

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	788'	Place 432 FOC in duct: 788'	Place 216 FOC in duct: 0'

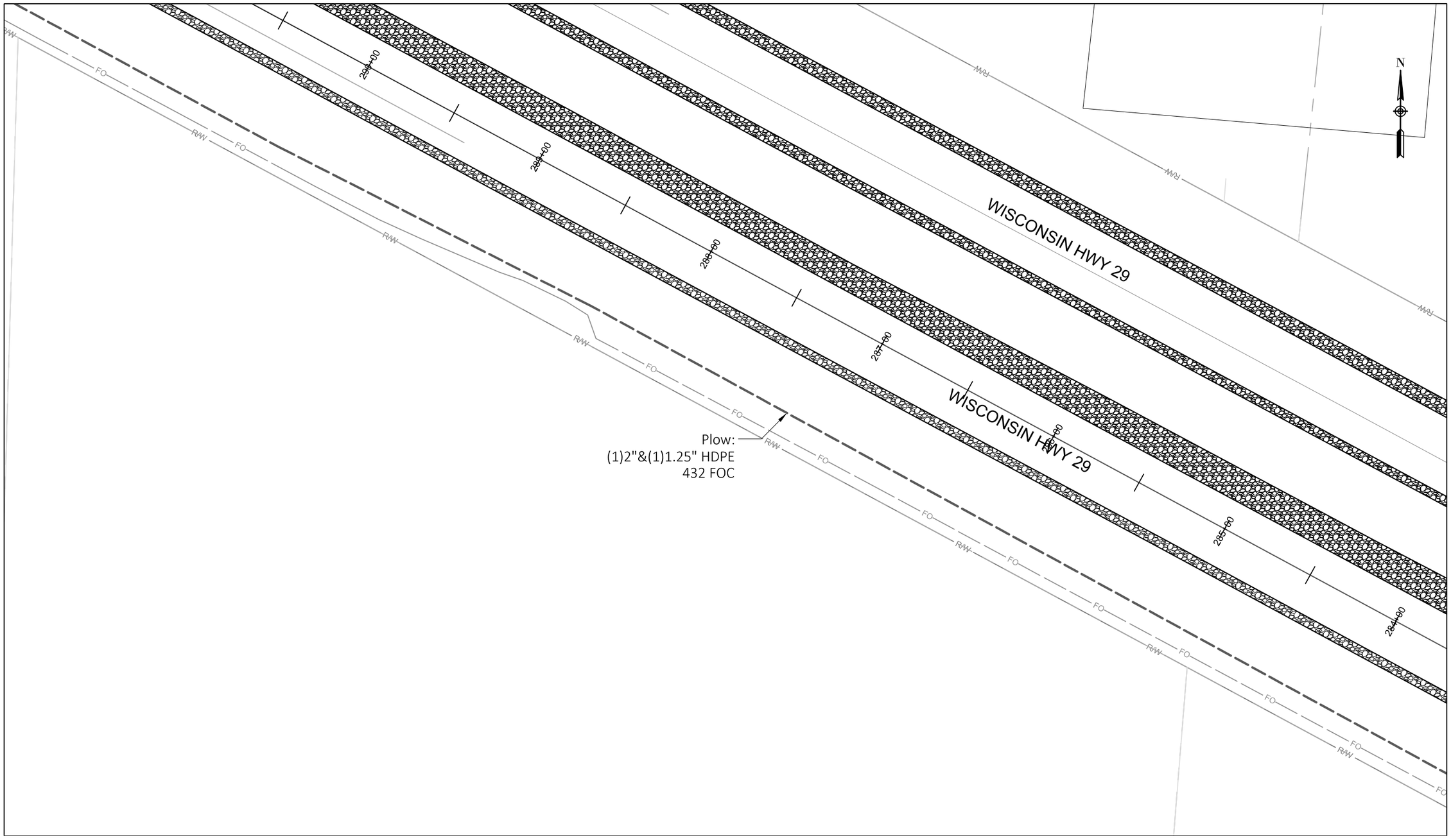
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_277 E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 51

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

52 *See Sheet 53*



Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	835'	Place 432 FOC in duct: 835'	Place 216 FOC in duct: 0'

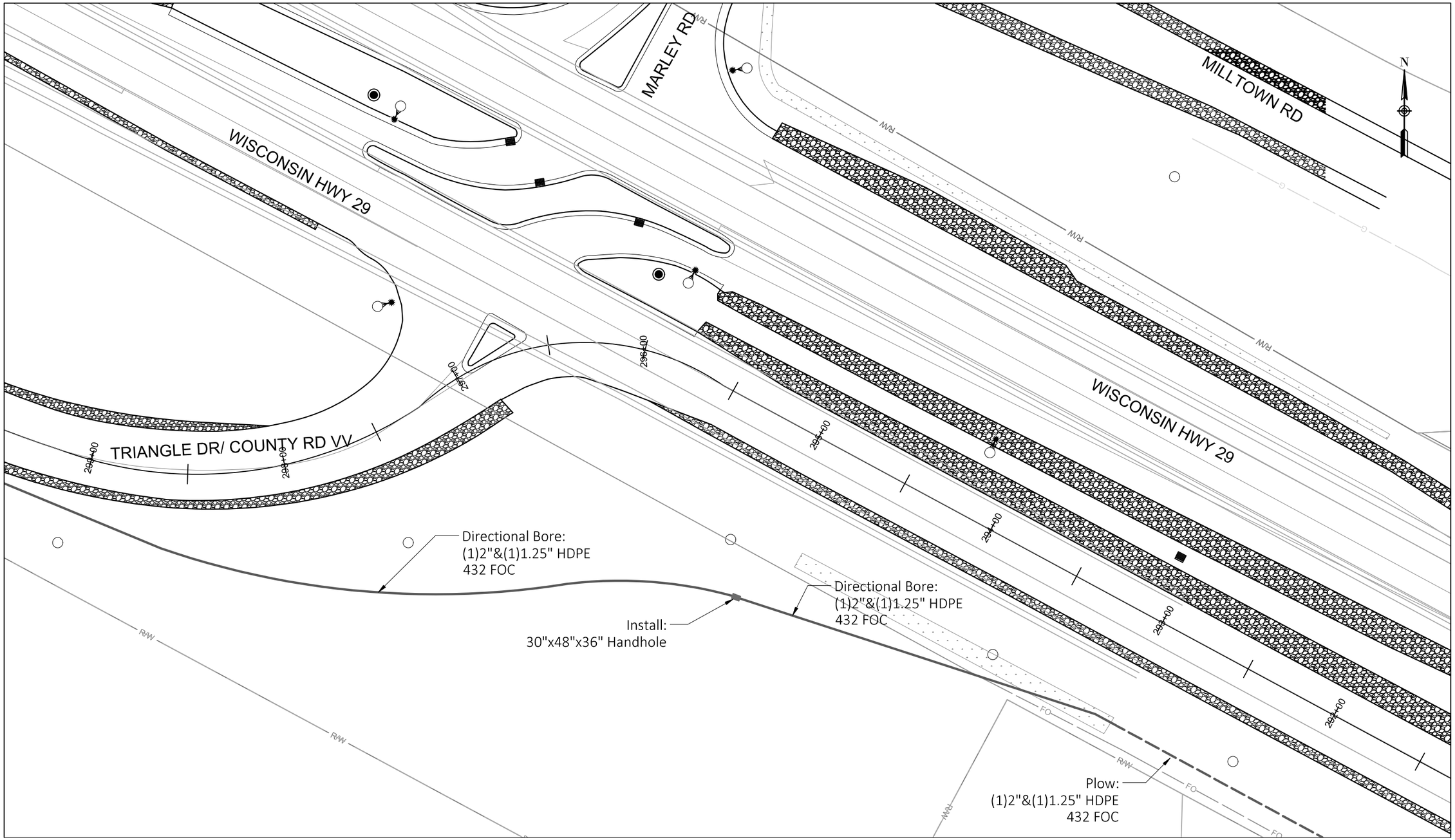
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET

PRE_278 E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 52

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



Construction Labor units this page:

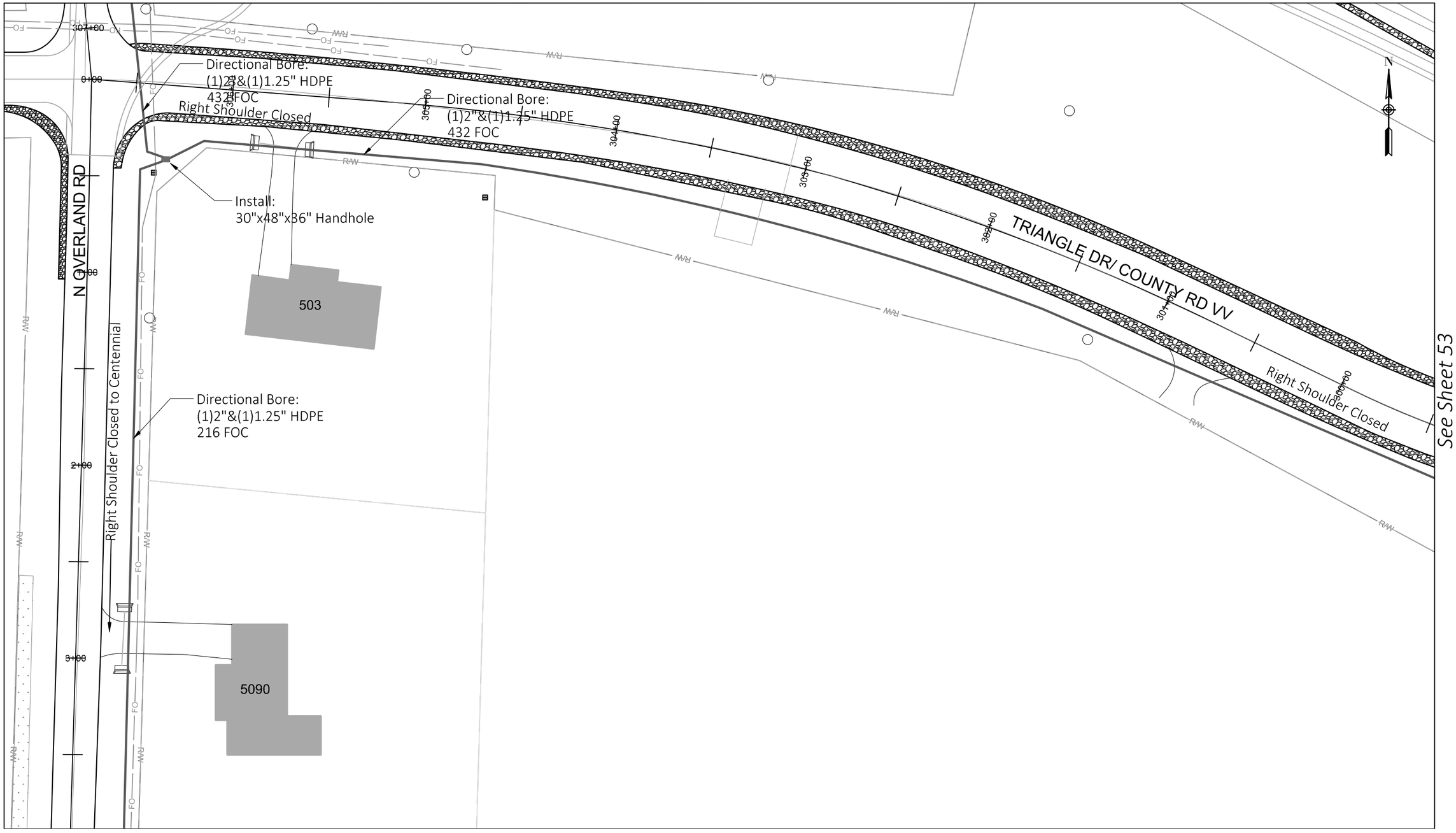
Directional Bore:	381'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	120'	Place 432 FOC in duct: 501'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 53

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



See Sheet 55

Construction Labor units this page:

Directional Bore:	1123'	Handhole Installation: 1	Store cable expansion in handhole: 300'
Plow:	0'	Place 432 FOC in duct: 748'	Place 216 FOC in duct: 375'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_280

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 54
PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

See Sheet 54



Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

See Sheet 56

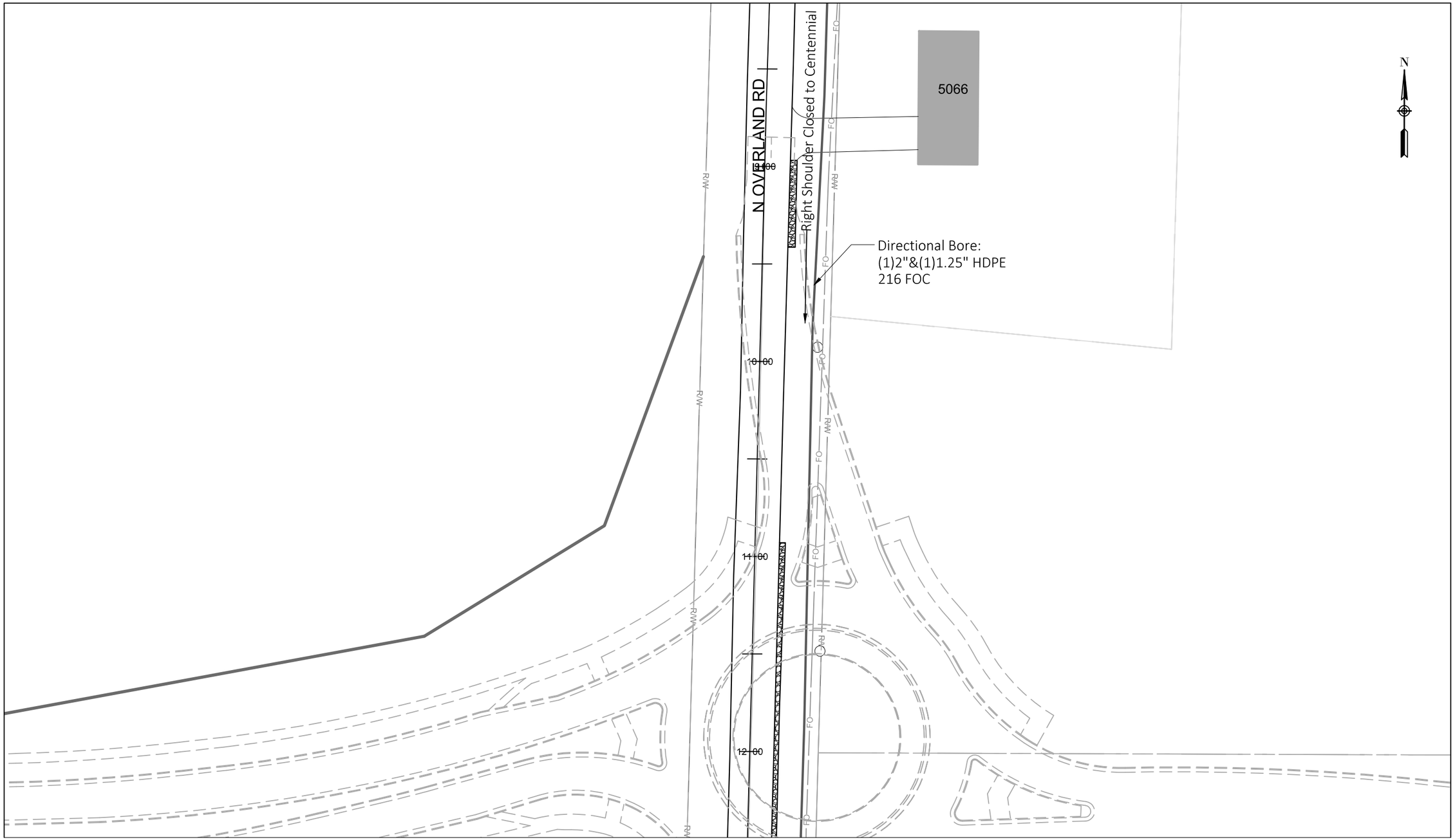
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 55

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 55



See Sheet 57

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

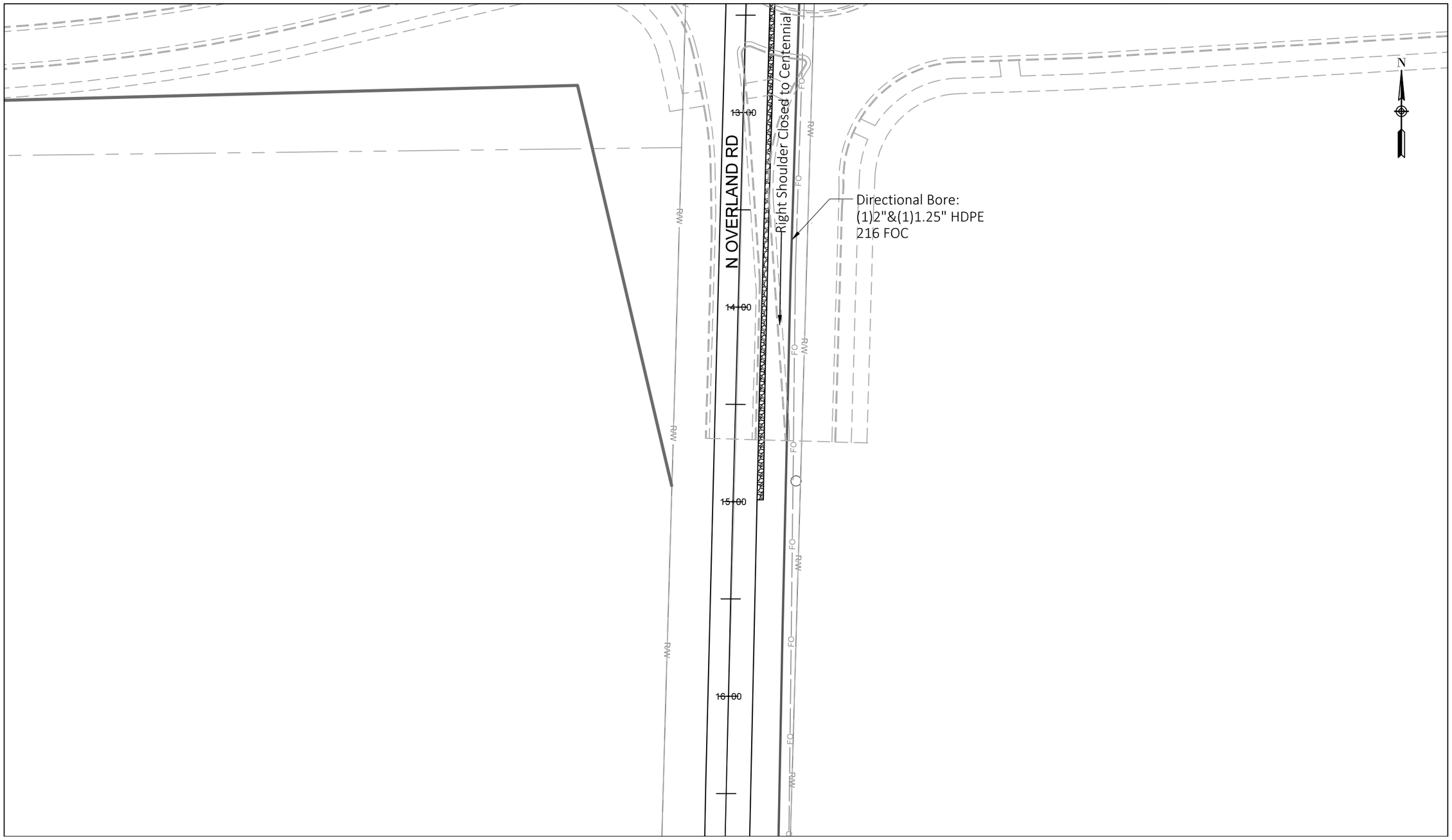
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 56

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 56



See Sheet 58

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

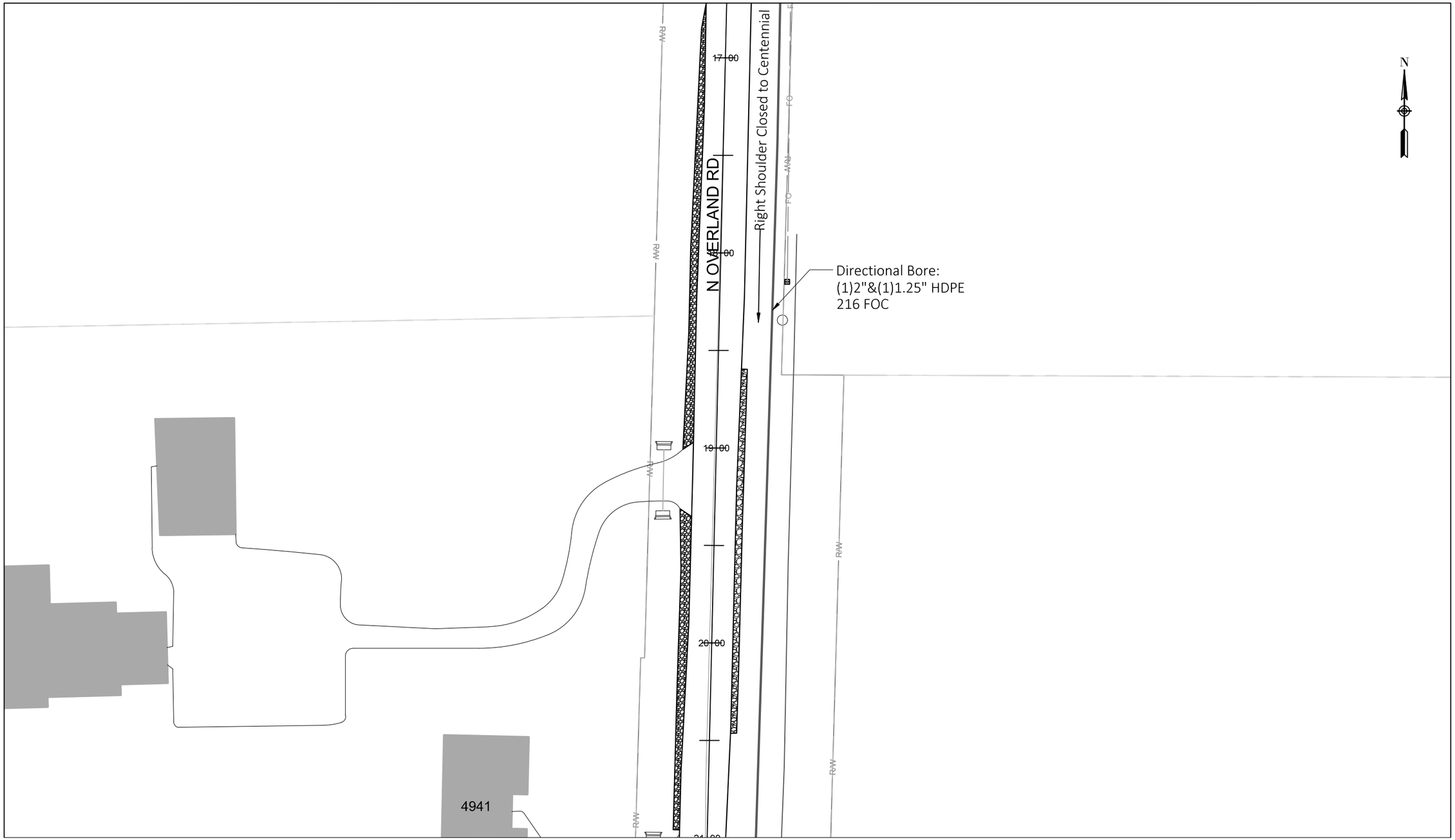
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_283

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 57

PLOT DATE : 1/21/2020 12:59 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 57



See Sheet 59

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

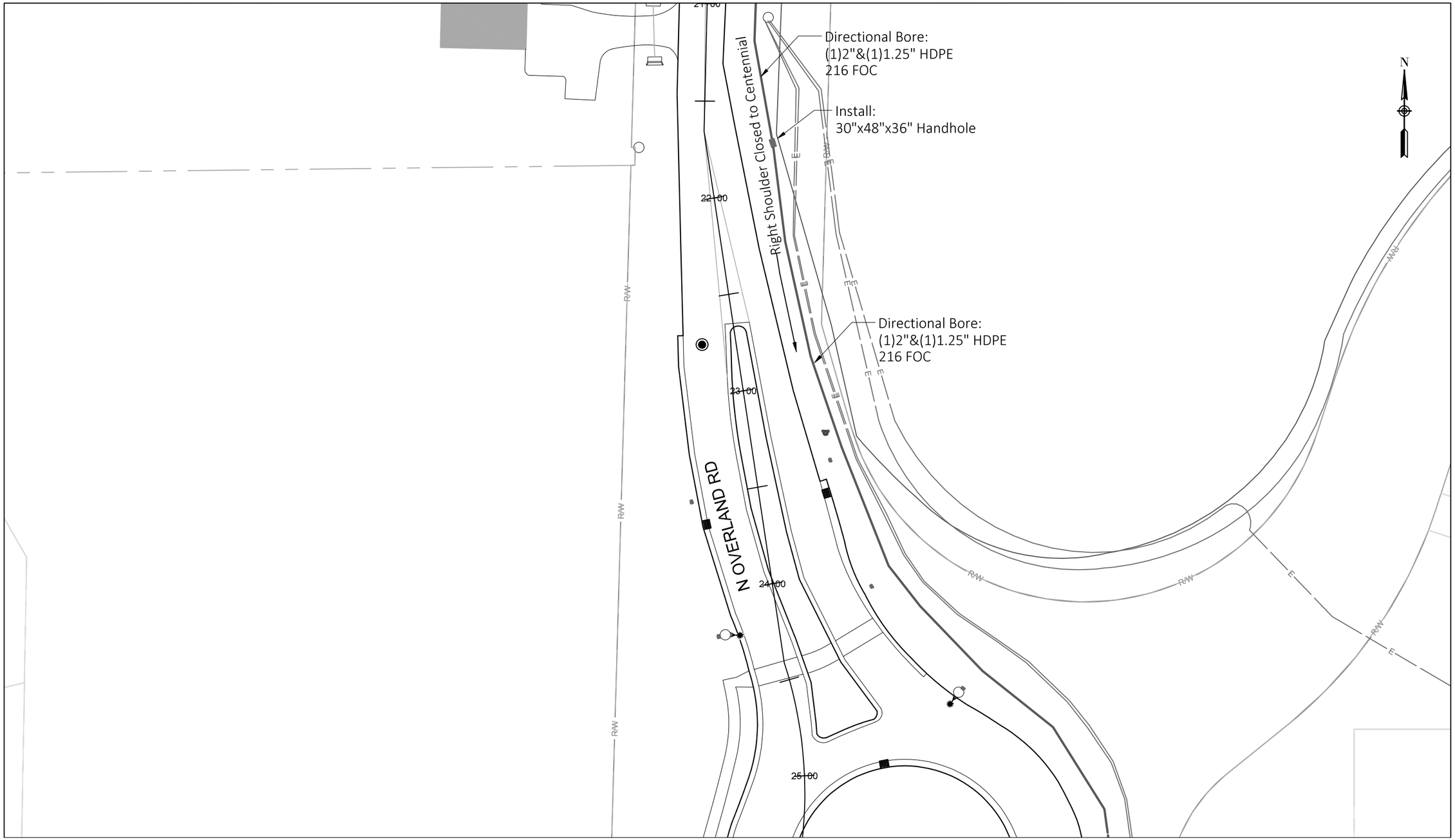
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_284

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 58

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

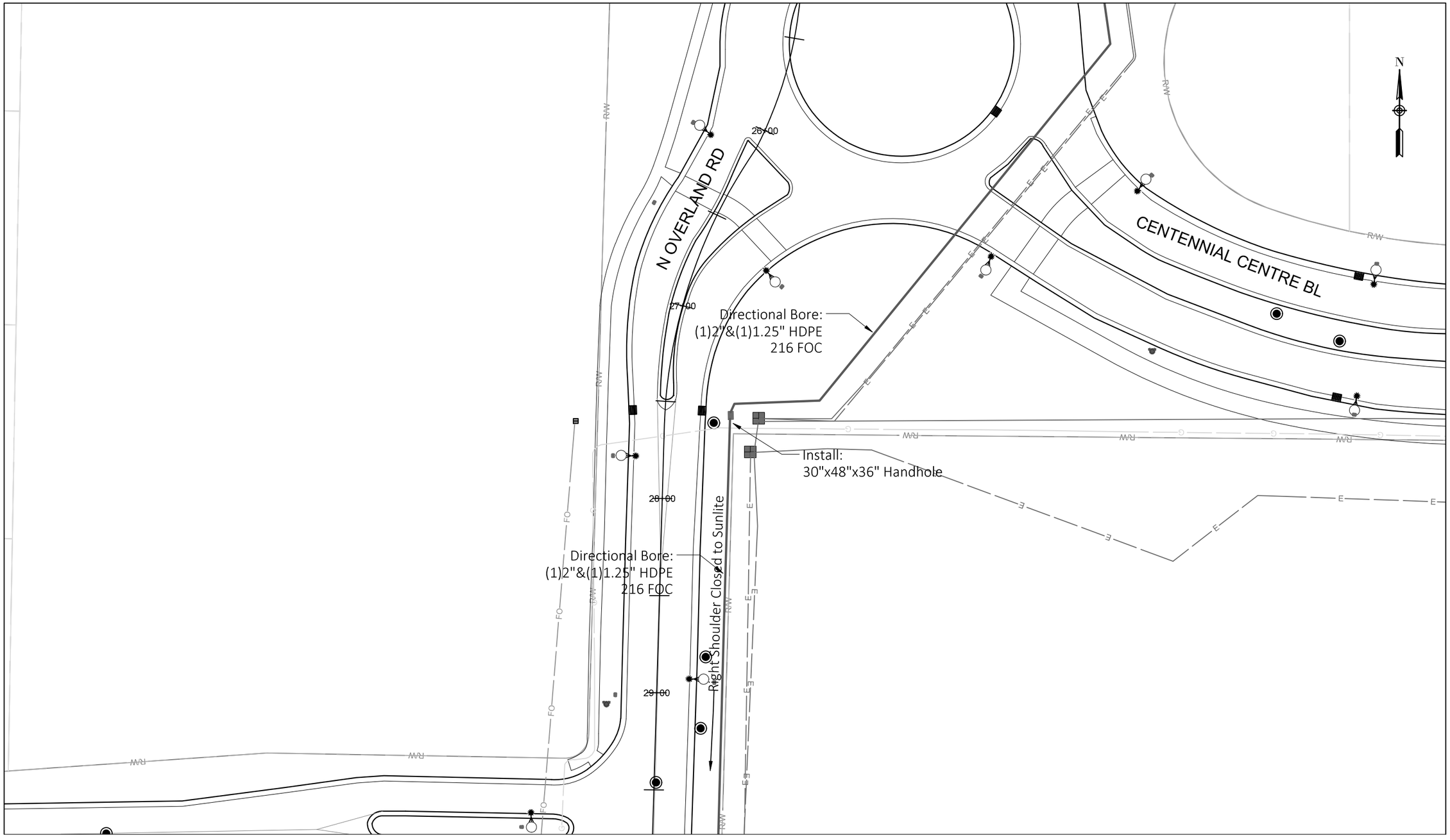


See Sheet 60

Construction Labor units this page:

Directional Bore:	476'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 476'

See Sheet 59



Construction Labor units this page:

Directional Bore:	520'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	520'

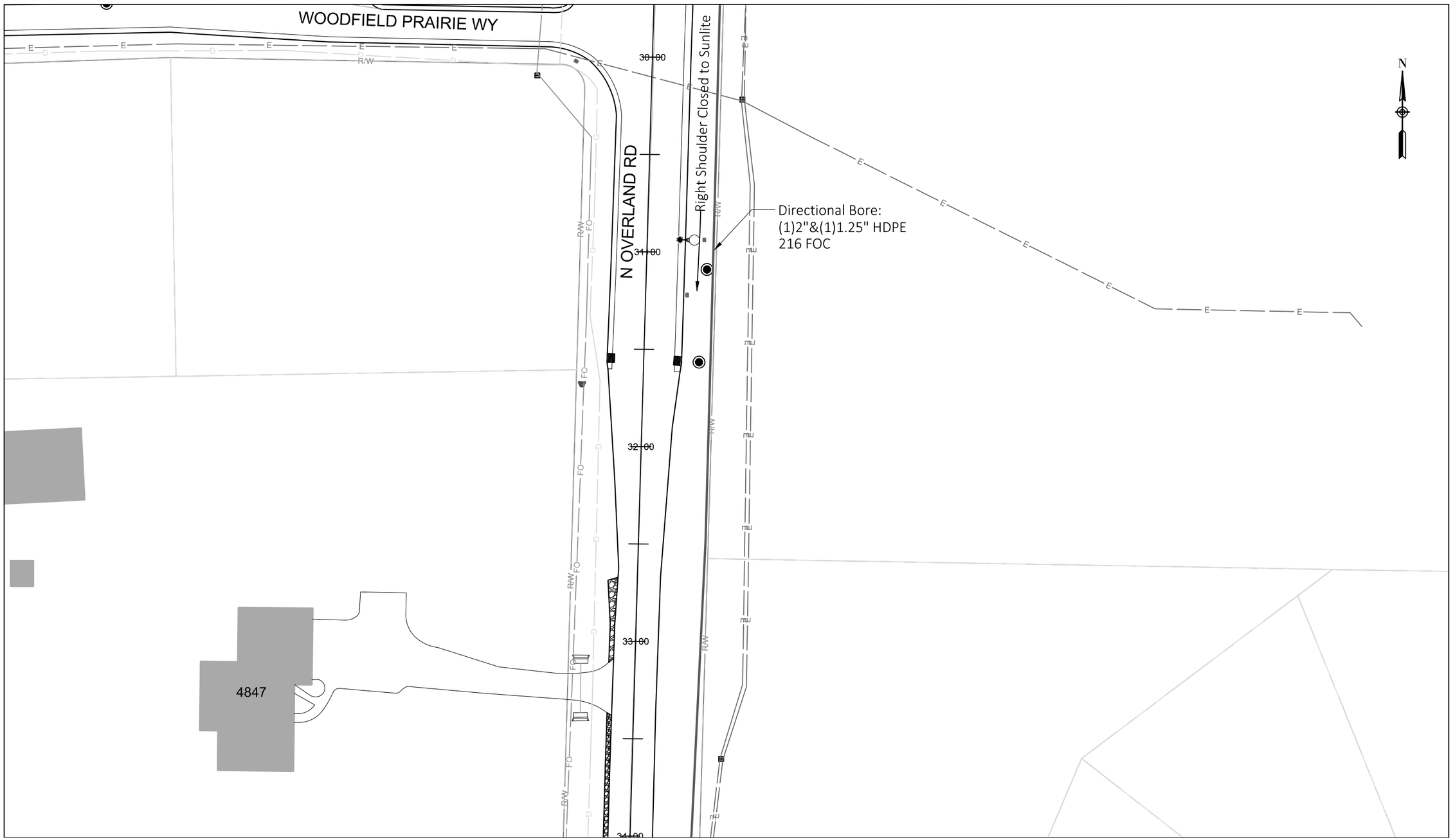
See Sheet 61

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_286

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 60
PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

See Sheet 60



See Sheet 62

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

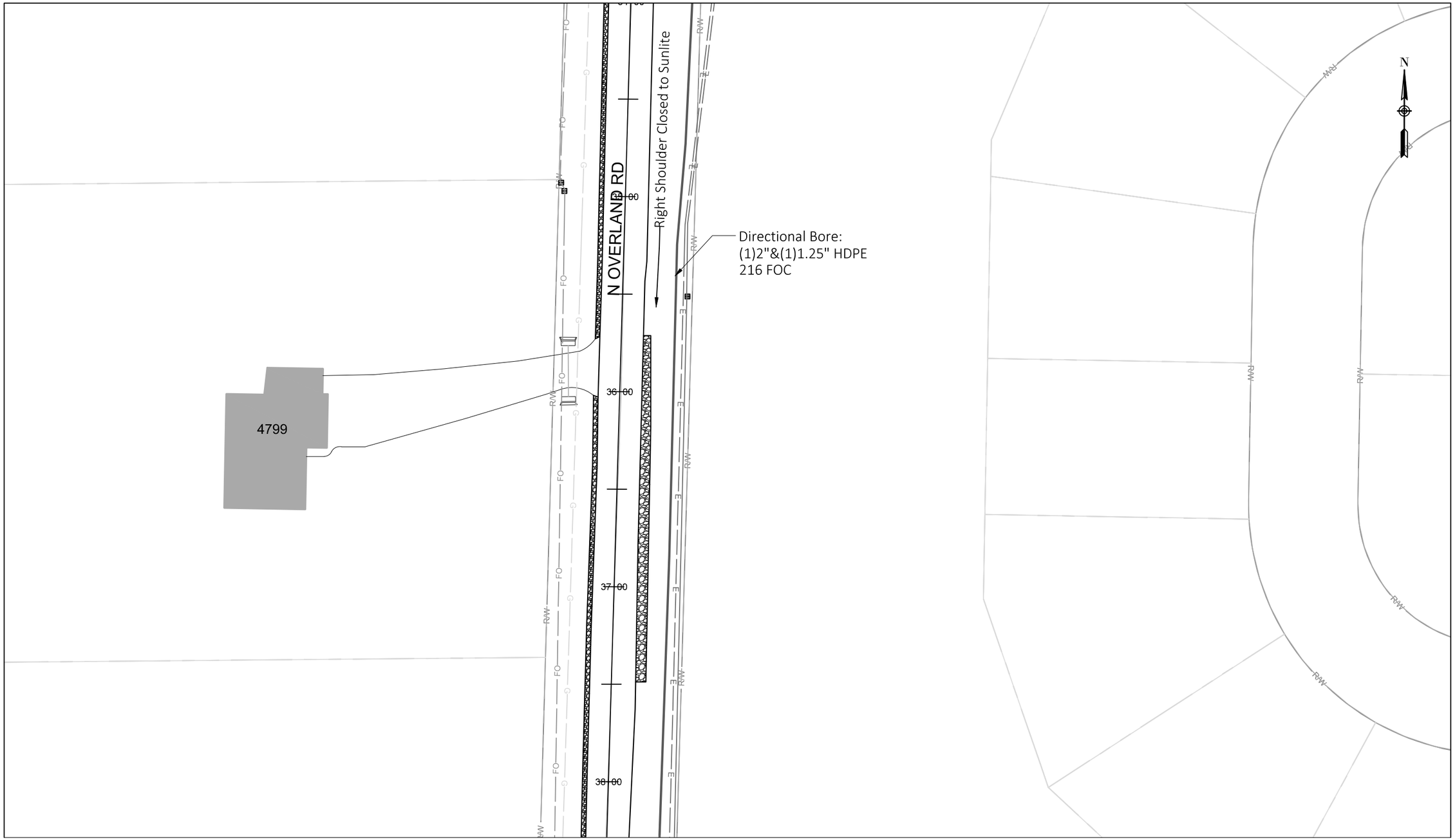
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 61

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 61



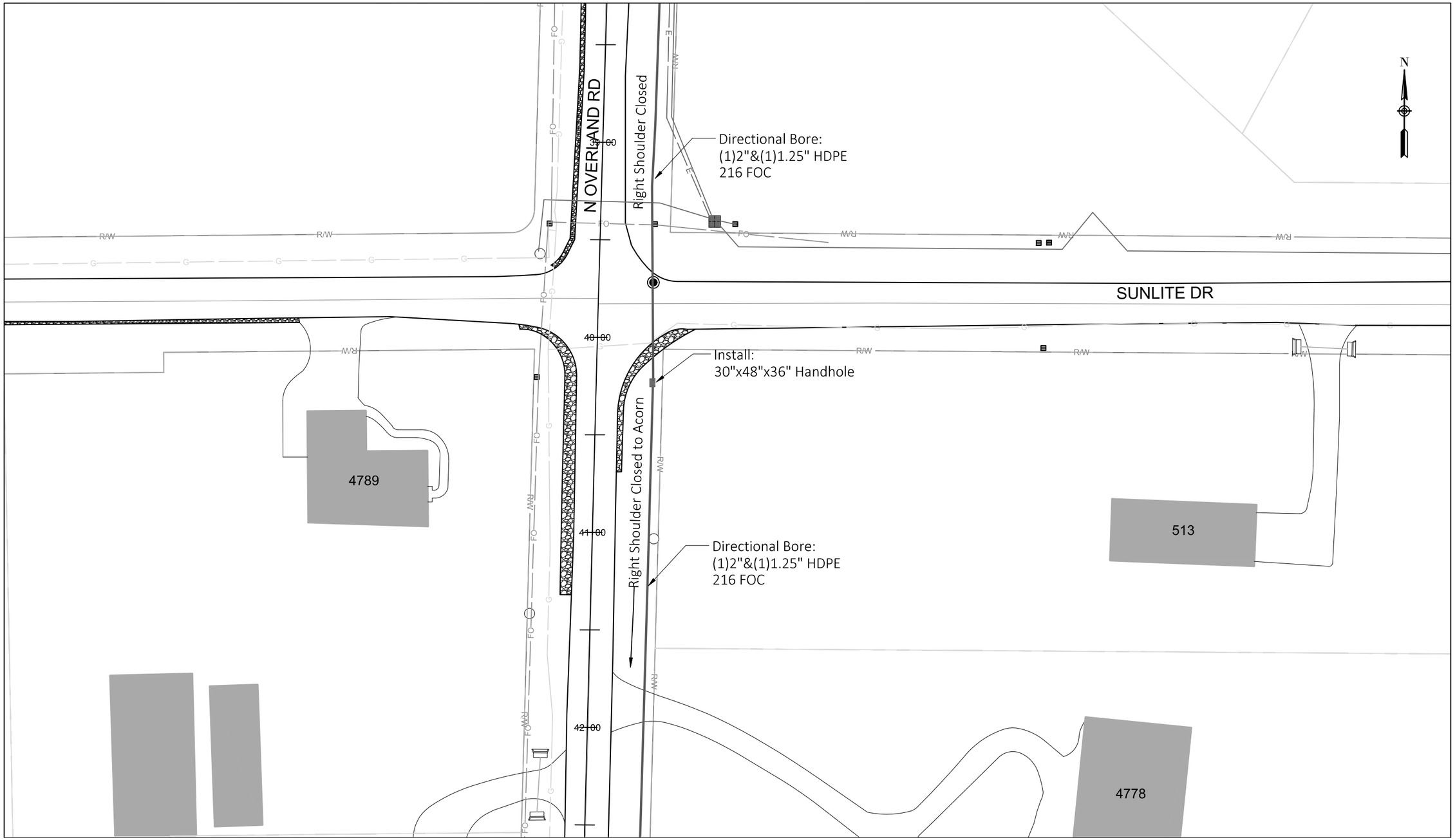
Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

See Sheet 63

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

See Sheet 62



See Sheet 64

Construction Labor units this page:

Directional Bore:	423'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	423'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

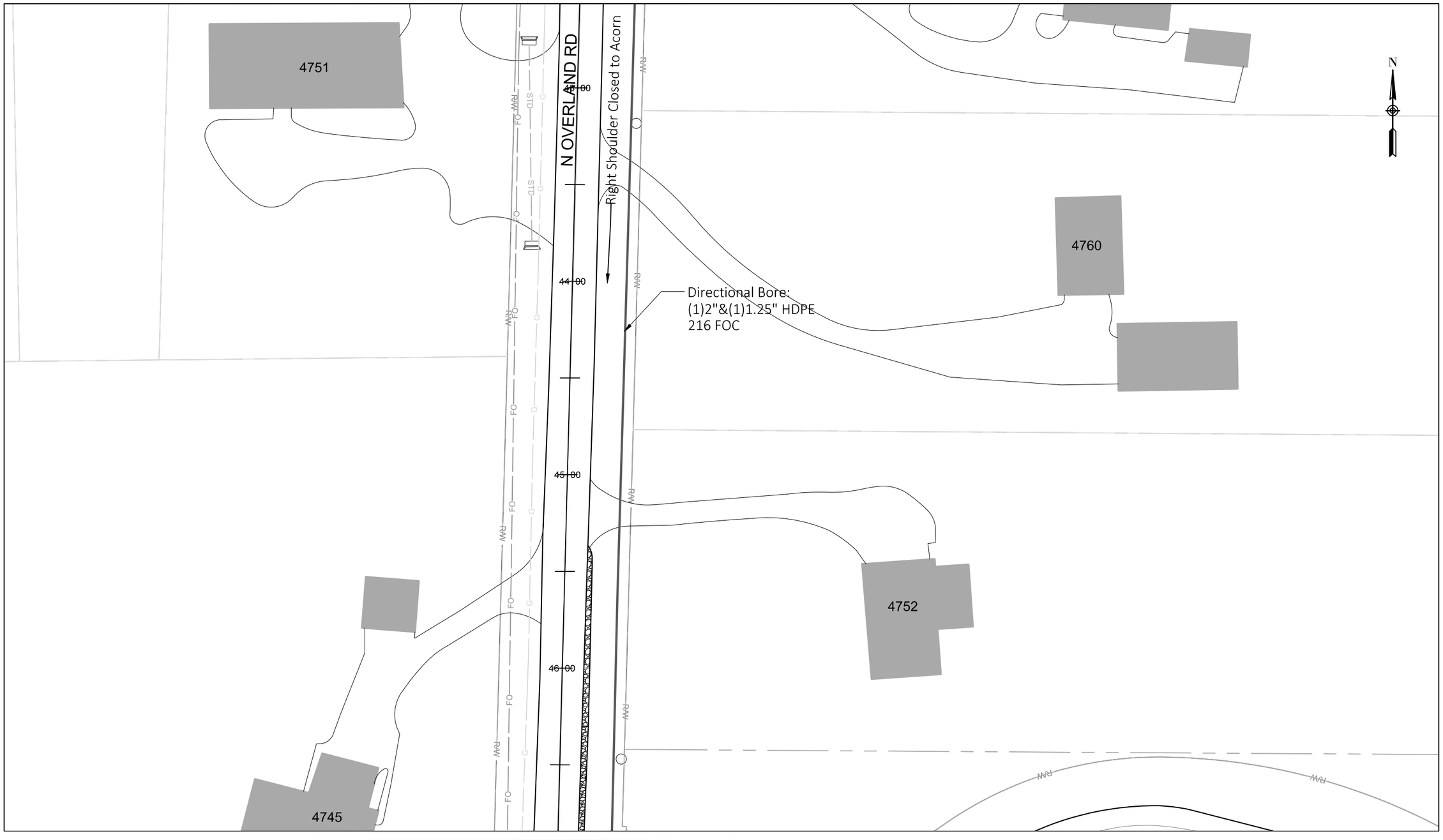
PRE_289

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 63

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 63



See Sheet 65

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

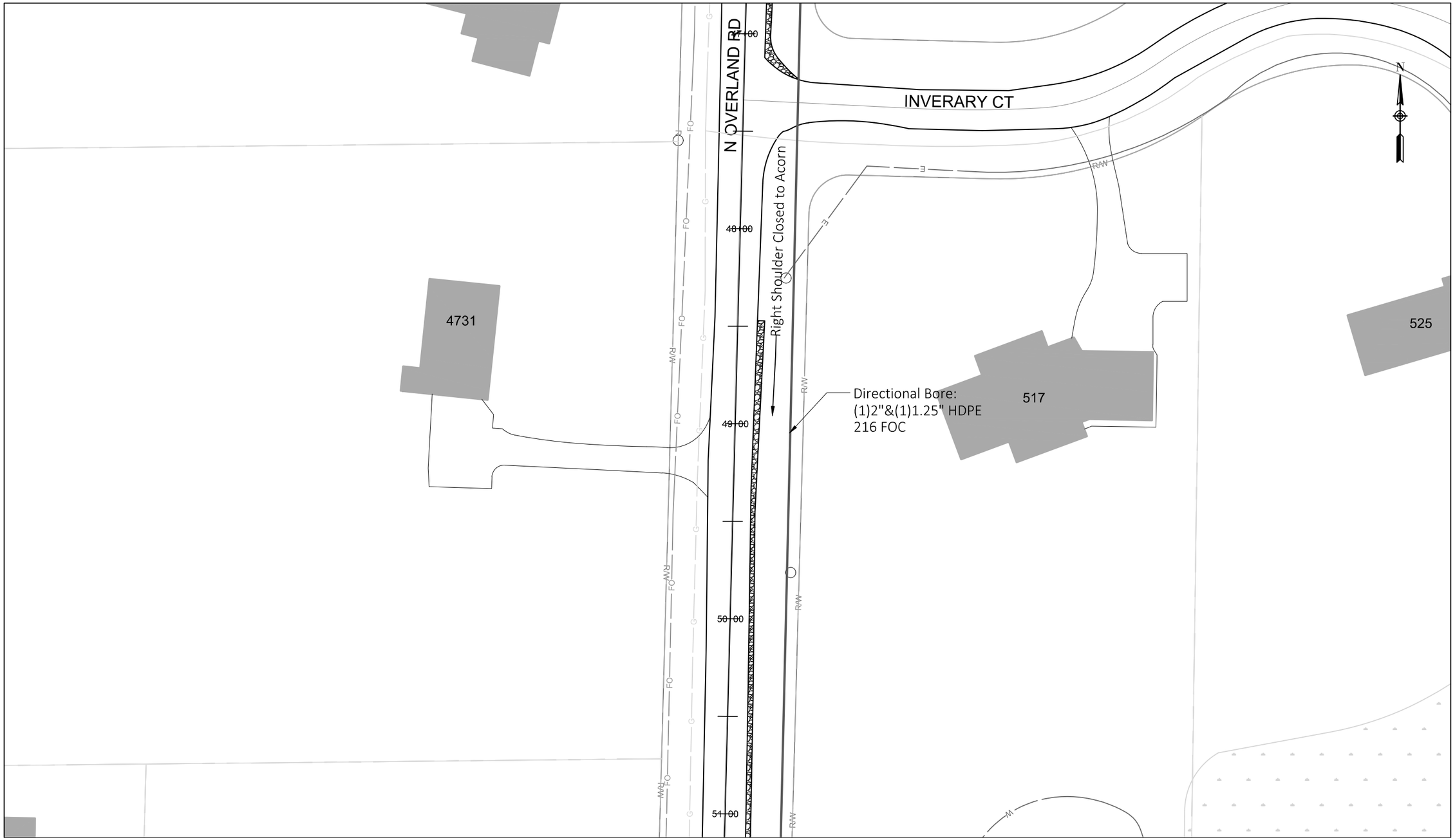
PRE_290

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 64

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 64



See Sheet 66

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

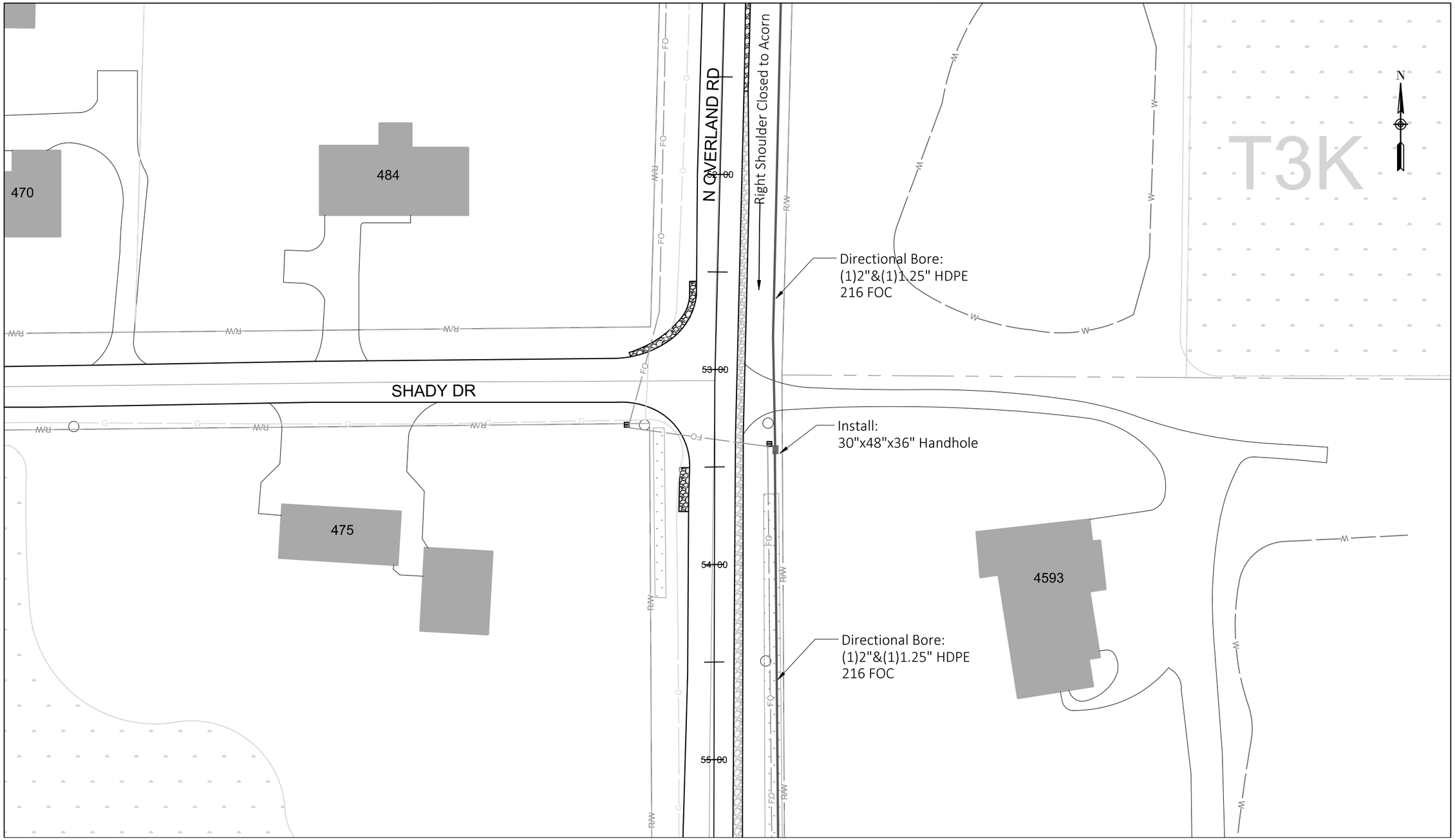
PRE_291

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 65

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 65



See Sheet 67

Construction Labor units this page:

Directional Bore:	423'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	423'

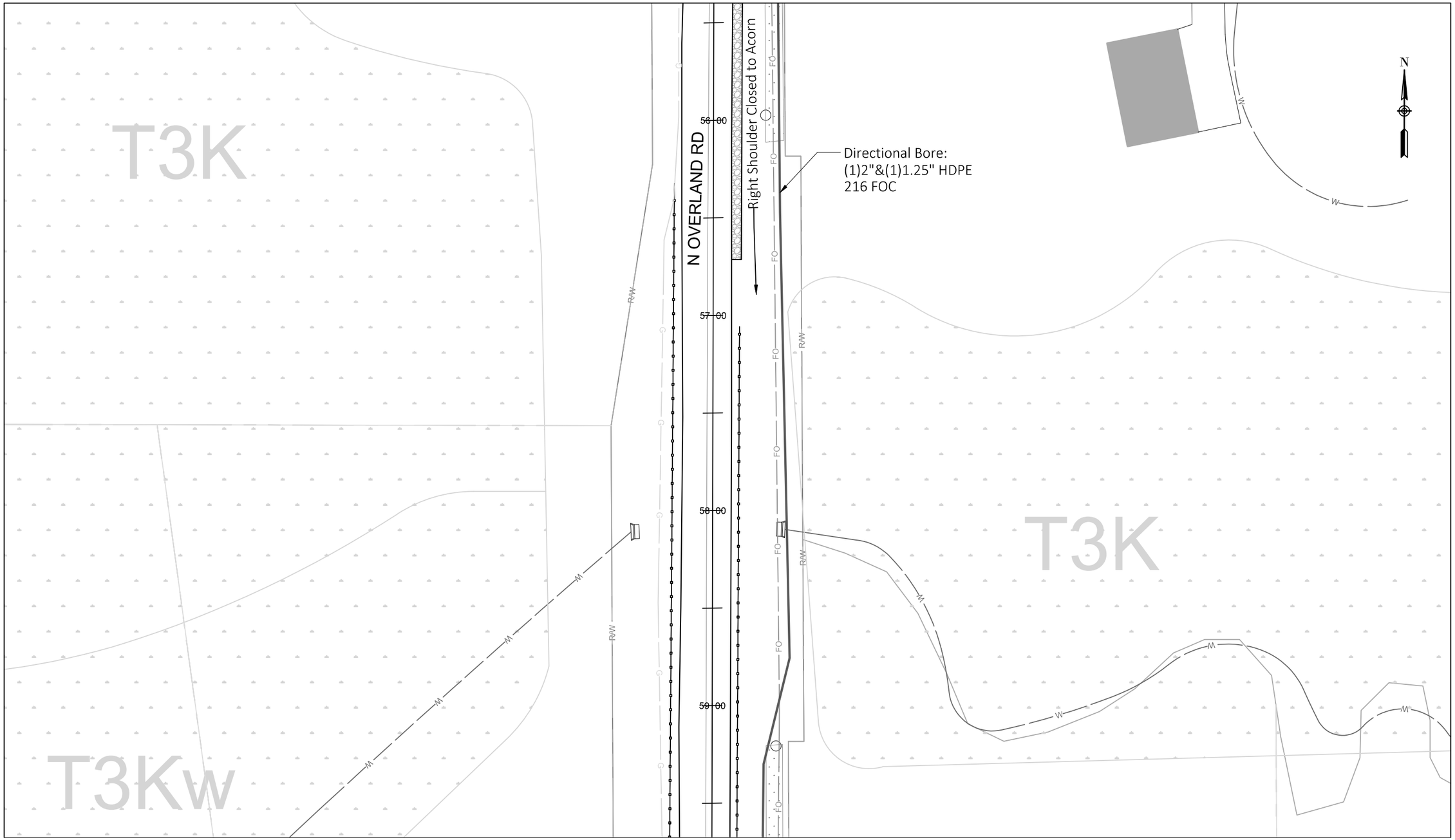
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 66

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 66



See Sheet 68

Construction Labor units this page:

Directional Bore:	429'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 429'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_293

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 67

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



See Sheet 69

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation:	0	Store cable expansion in handhole:	0'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_294

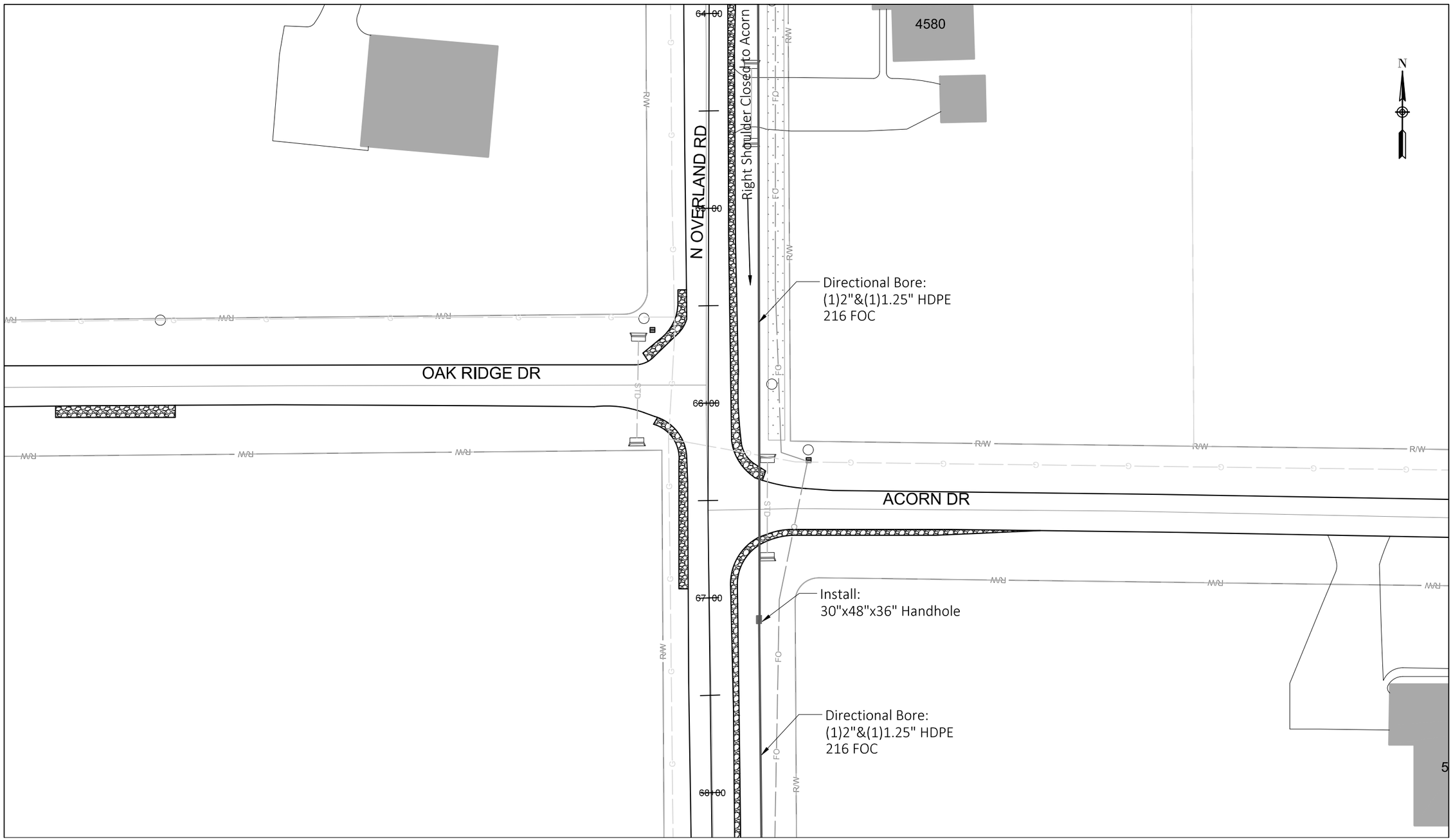
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 68

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 68

2

2



See Sheet 70

Construction Labor units this page:

Directional Bore:	425'	Handhole Installation: 1		Store cable expansion in handhole: 100'	
Plow:	0'	Place 432 FOC in duct: 0'		Place 216 FOC in duct: 425'	

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

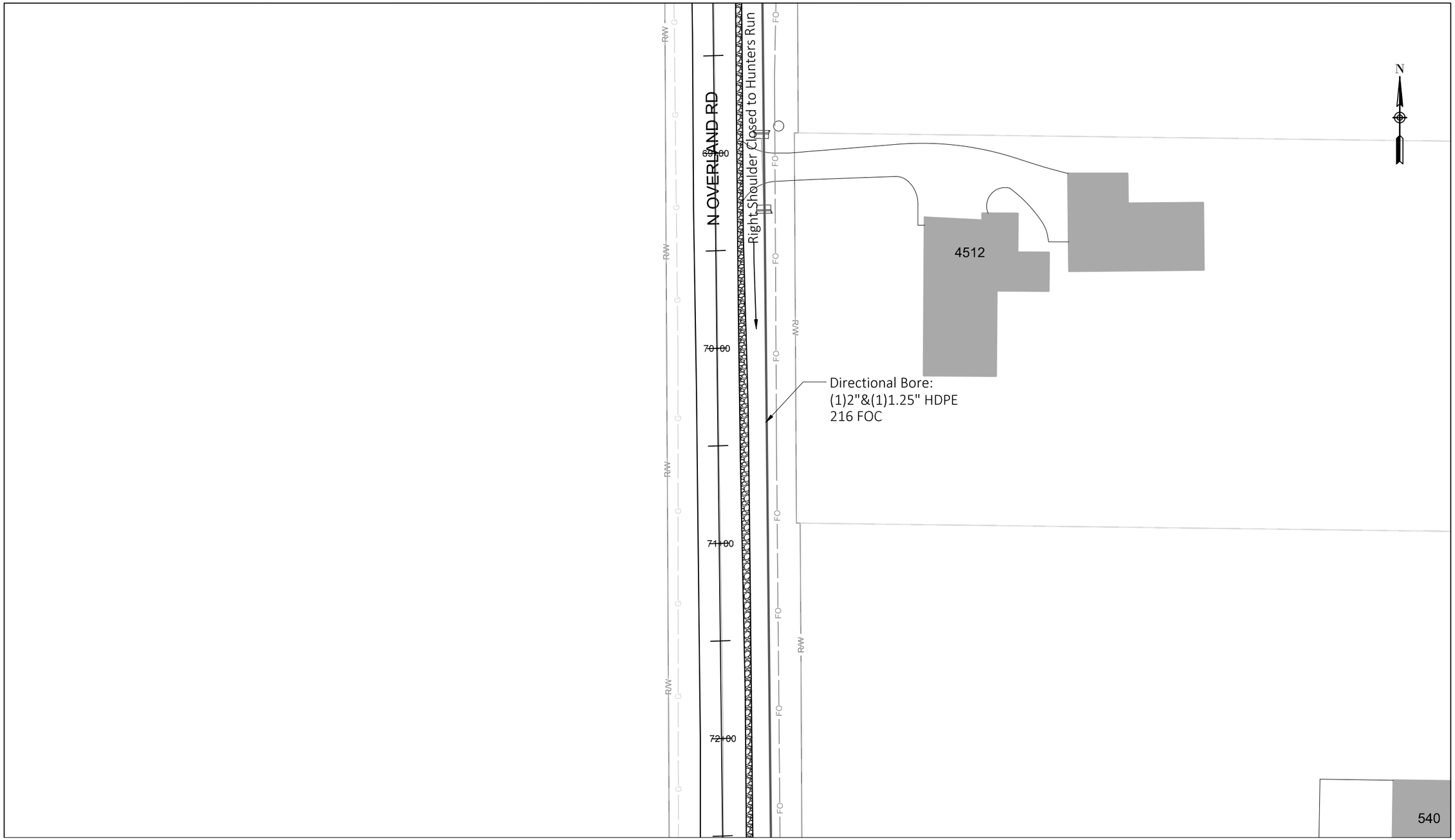
PRE_295

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 69

PLOT DATE : 1/21/2020 1:00 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 69



See Sheet 71

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

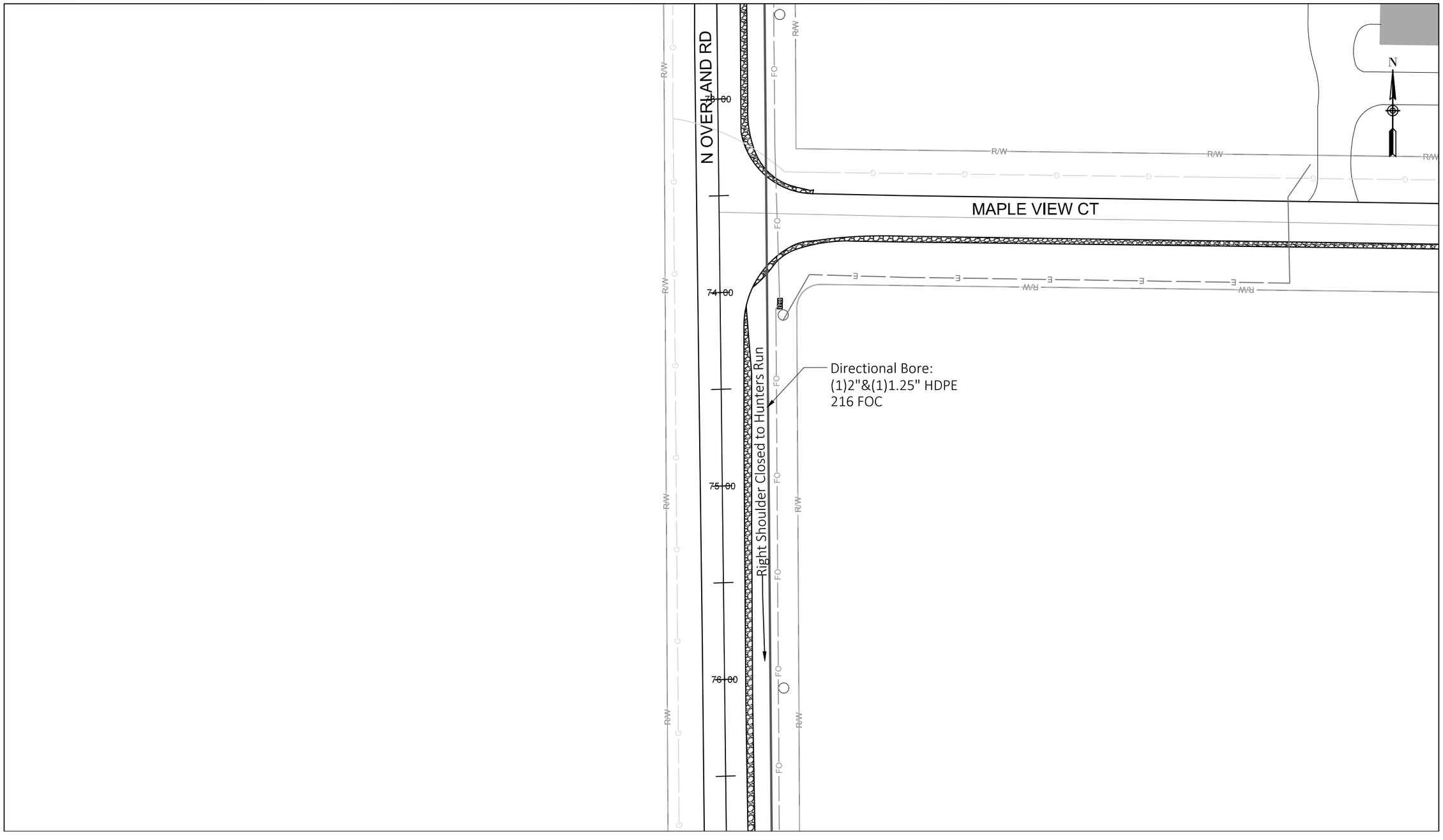
PRE_296

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 70

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 70



See Sheet 72

Construction Labor units this page:

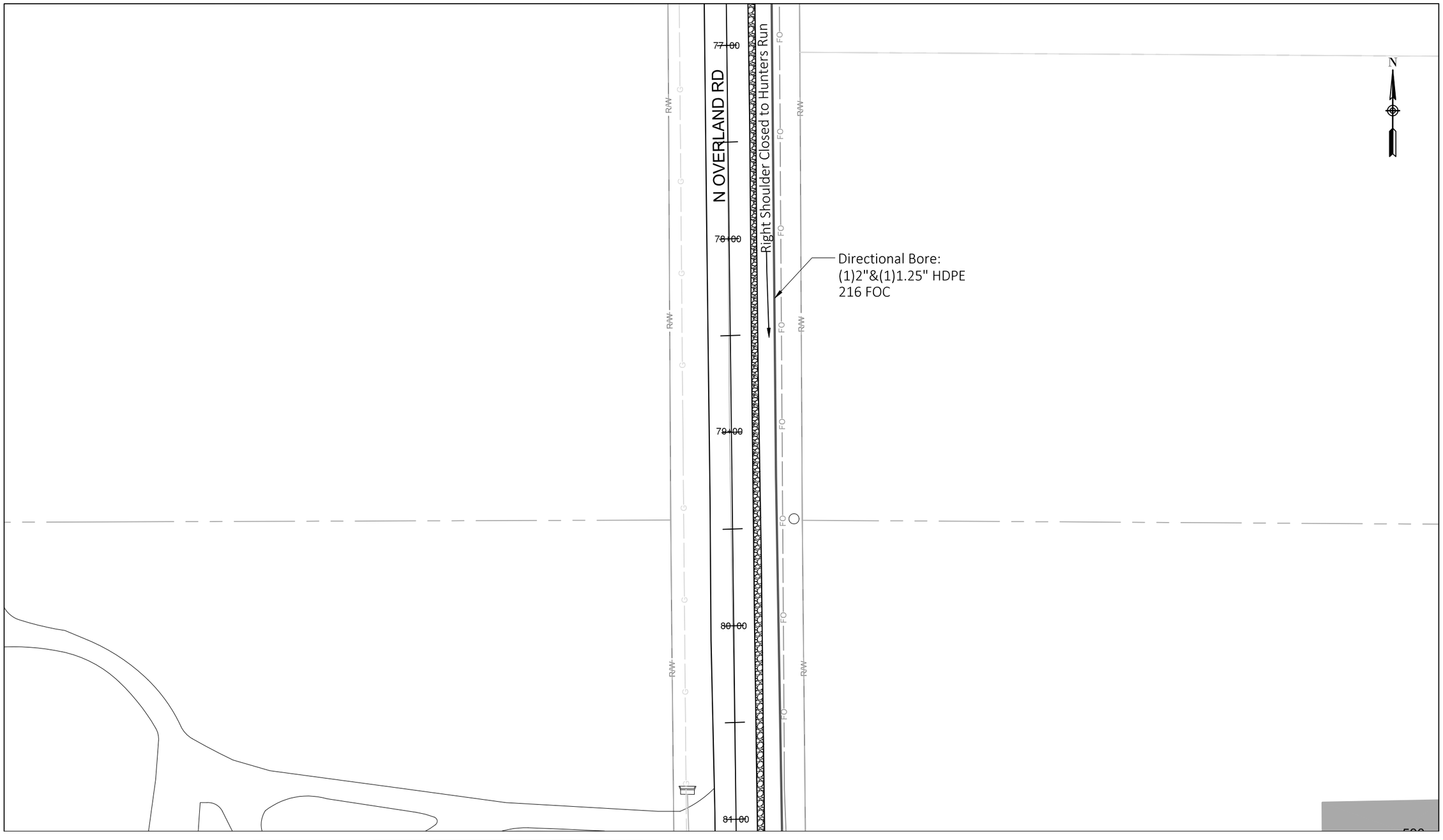
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_297 E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 71

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 71



See Sheet 73

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

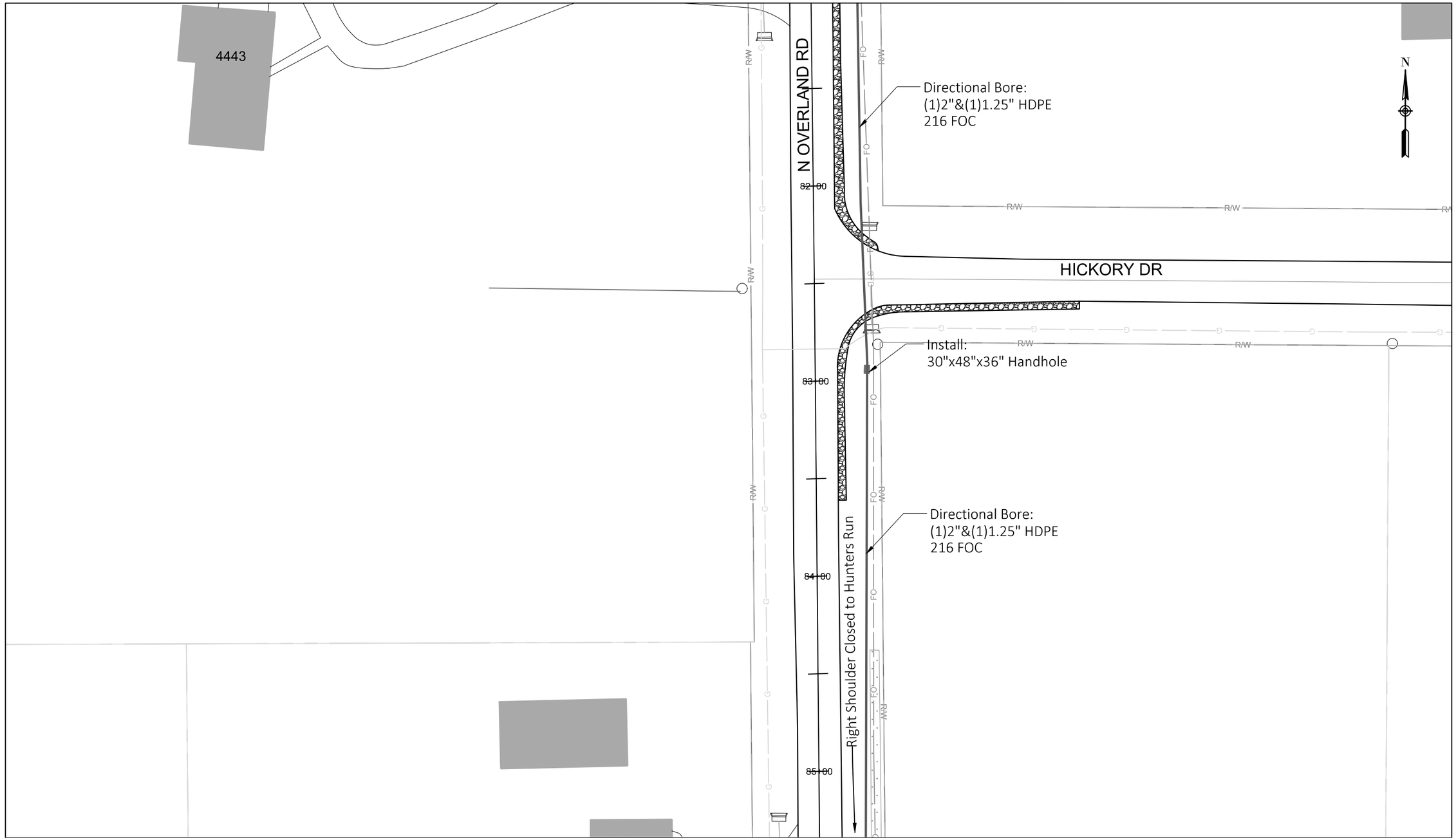
PRE_298

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 72

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 72

2



See Sheet 74

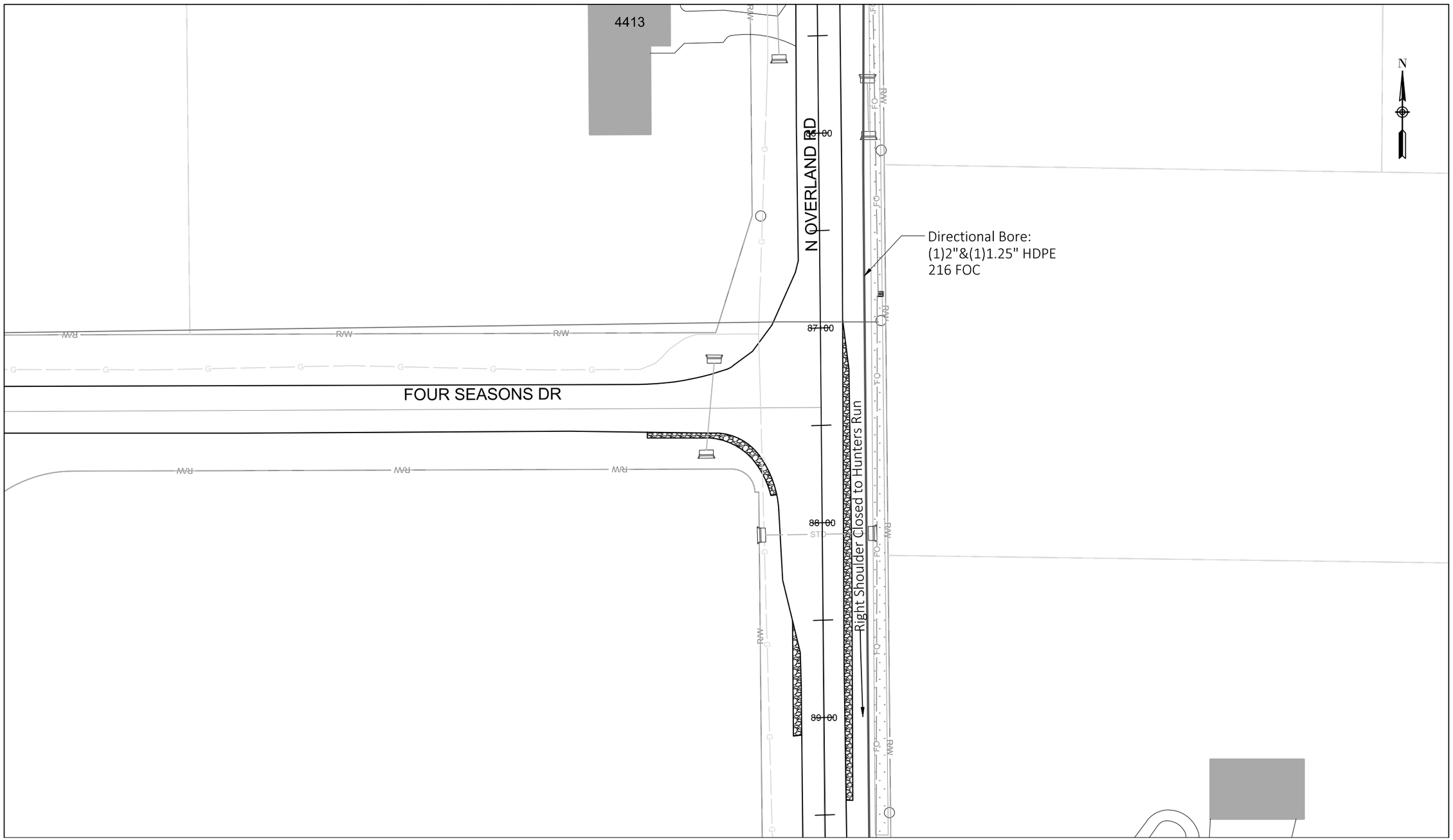
Construction Labor units this page:

Directional Bore:	425'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	425'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 73
PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 73



See Sheet 75

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

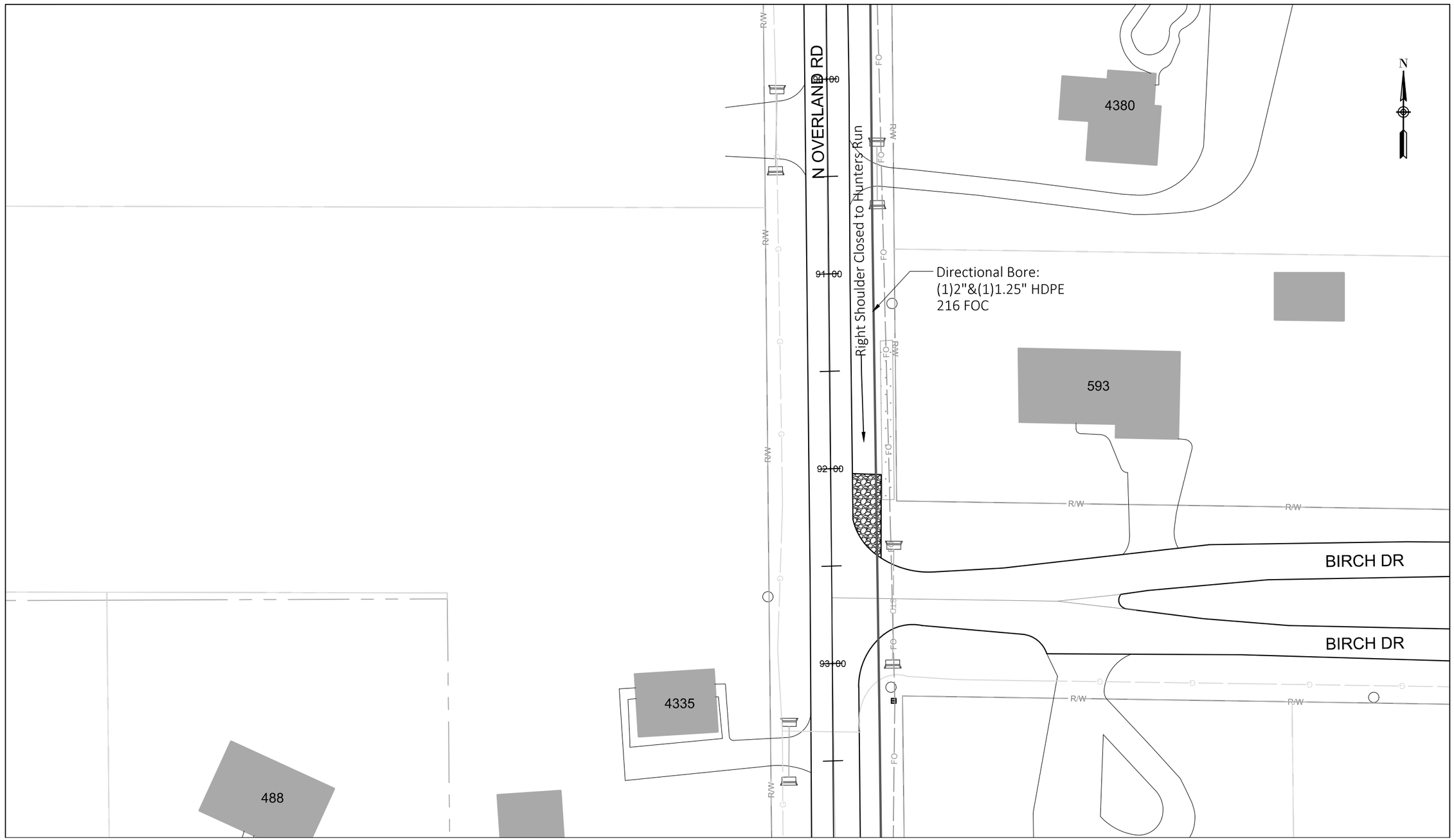
PRE_300

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 74

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 74



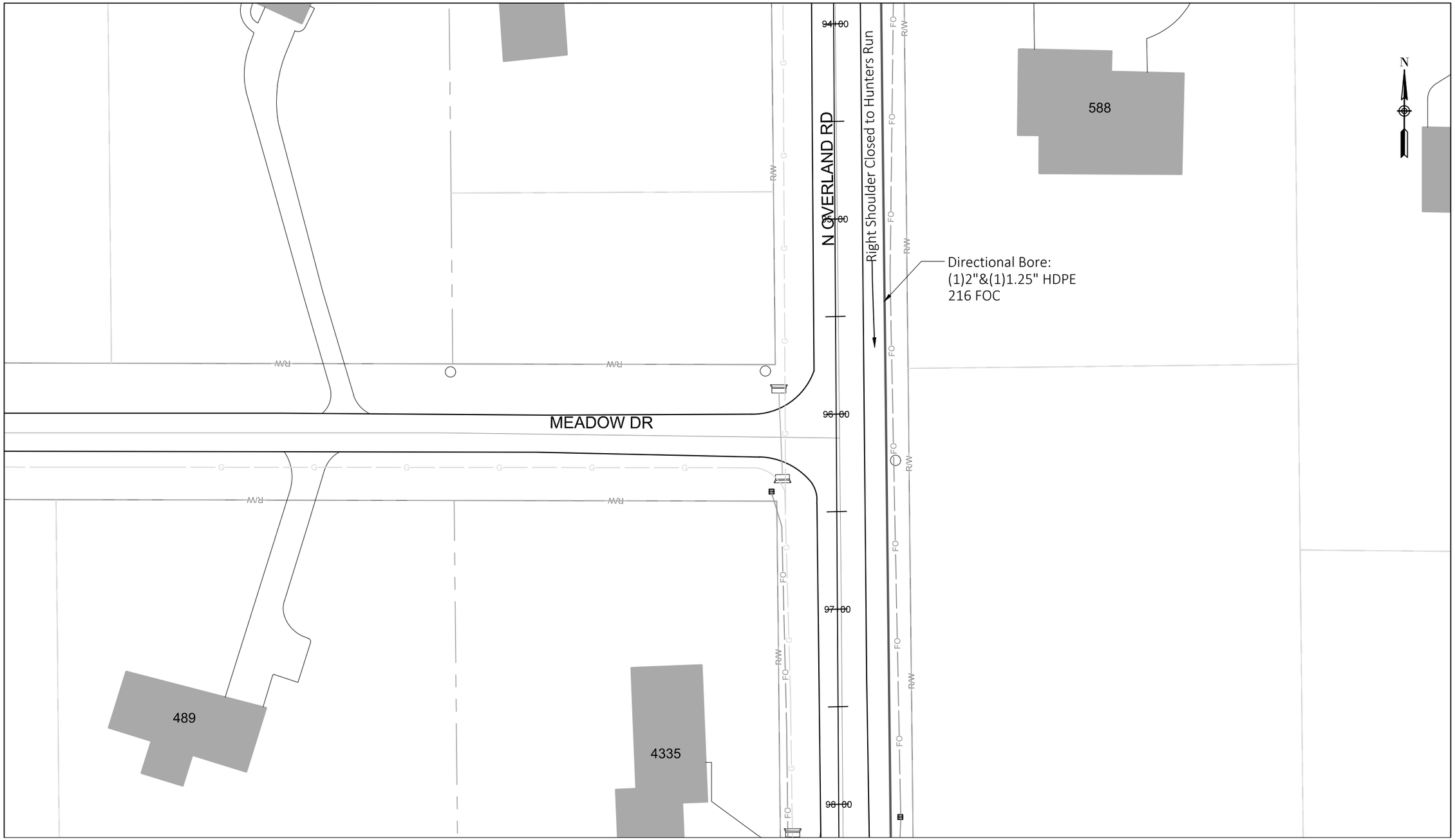
See Sheet 76

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_301

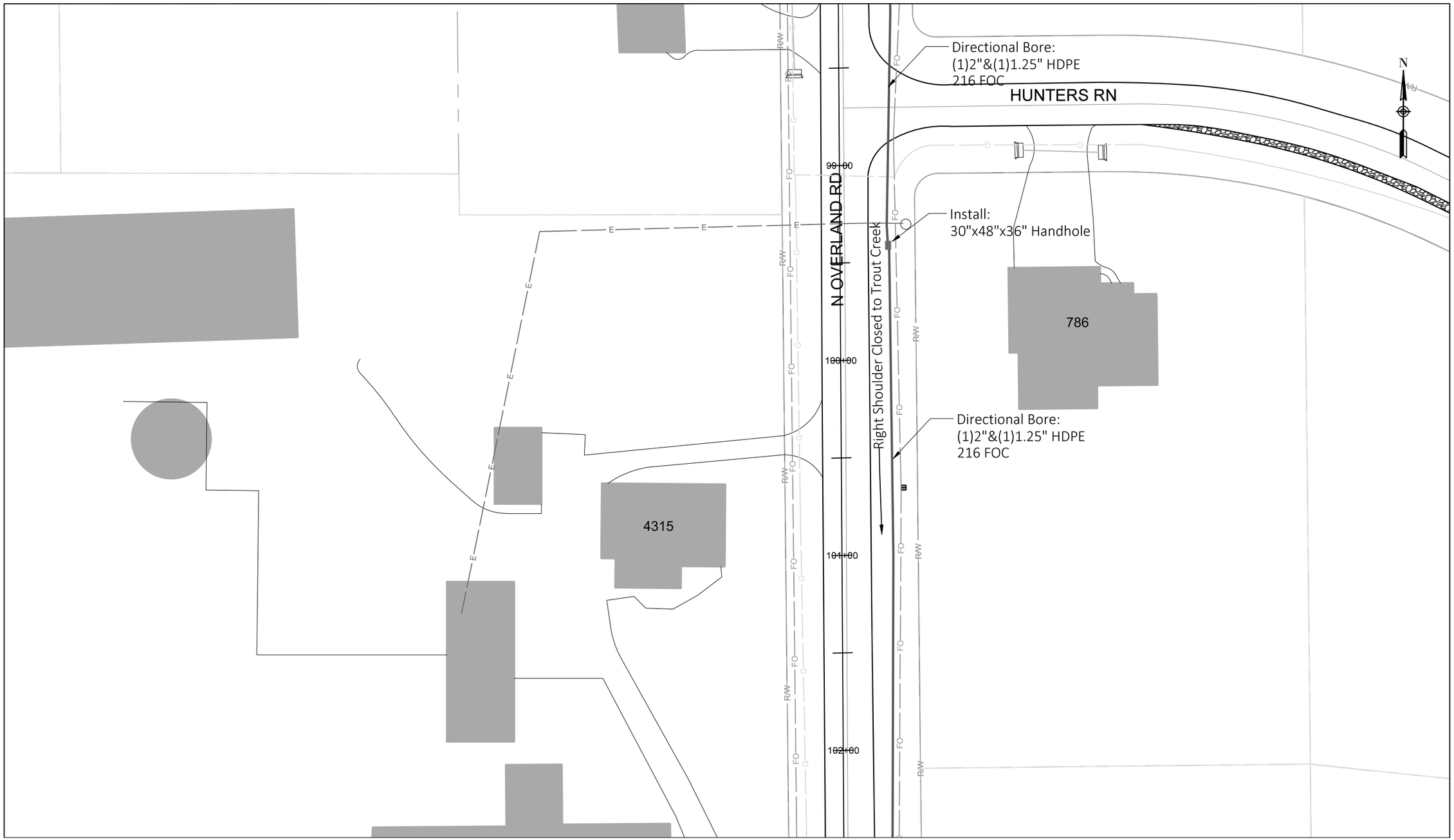


Construction Labor units this page:			
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

See Sheet 77

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

See Sheet 76



See Sheet 78

Construction Labor units this page:

Directional Bore:	425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 425'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_303

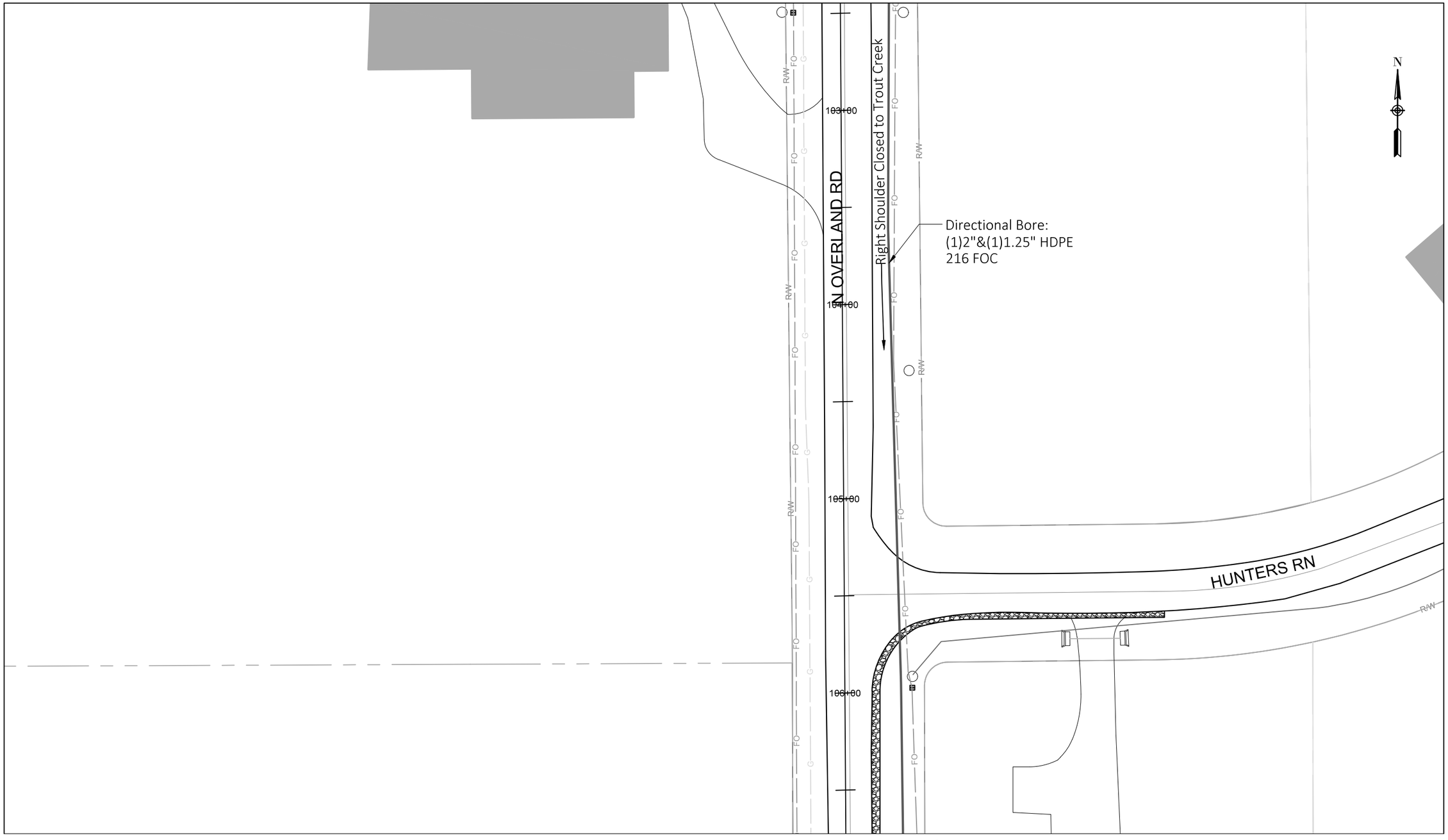
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 77

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

78

See Sheet 77



See Sheet 79

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

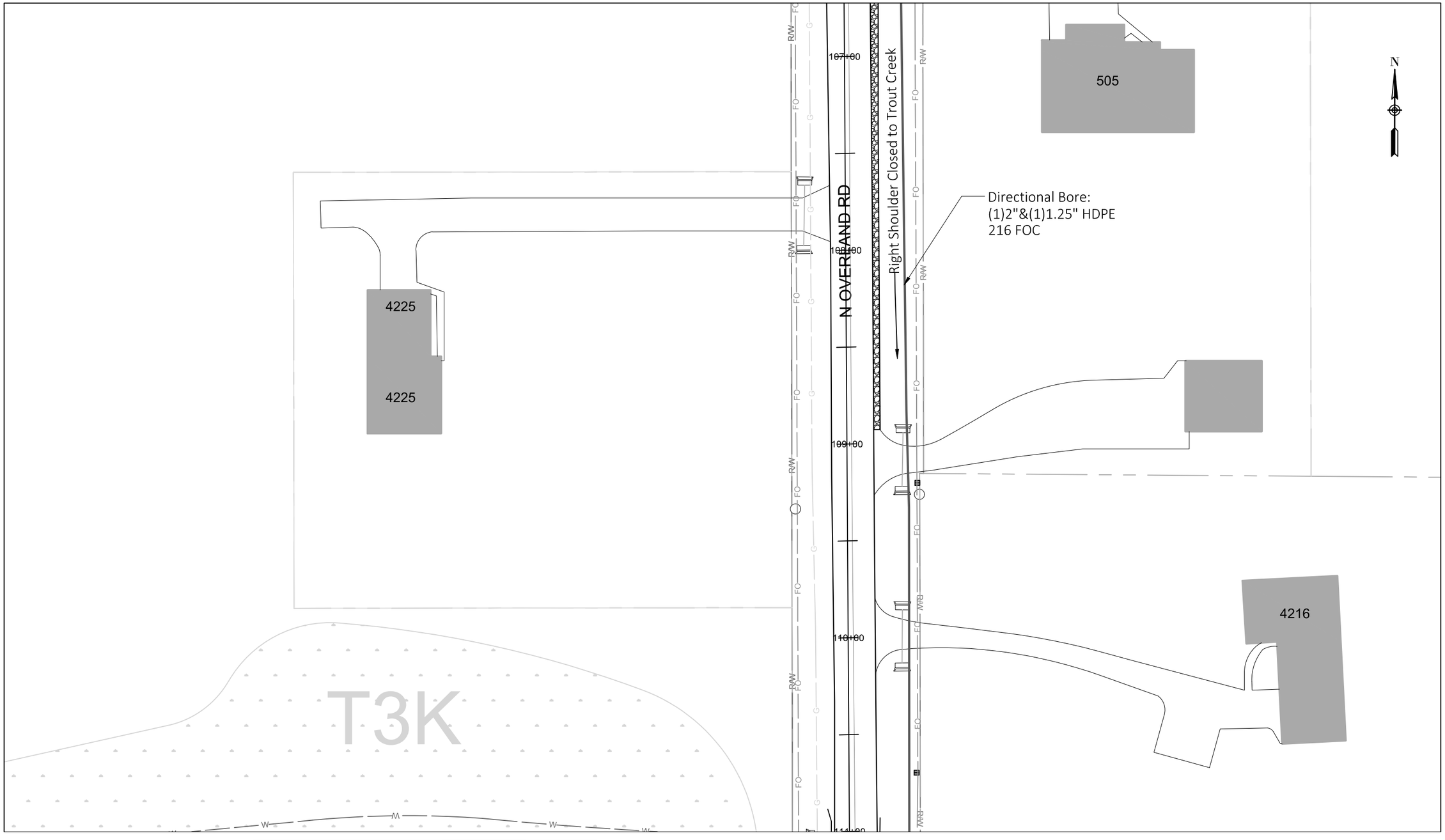
PRE_304

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 78

PLOT DATE : 1/21/2020 1:01 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 78

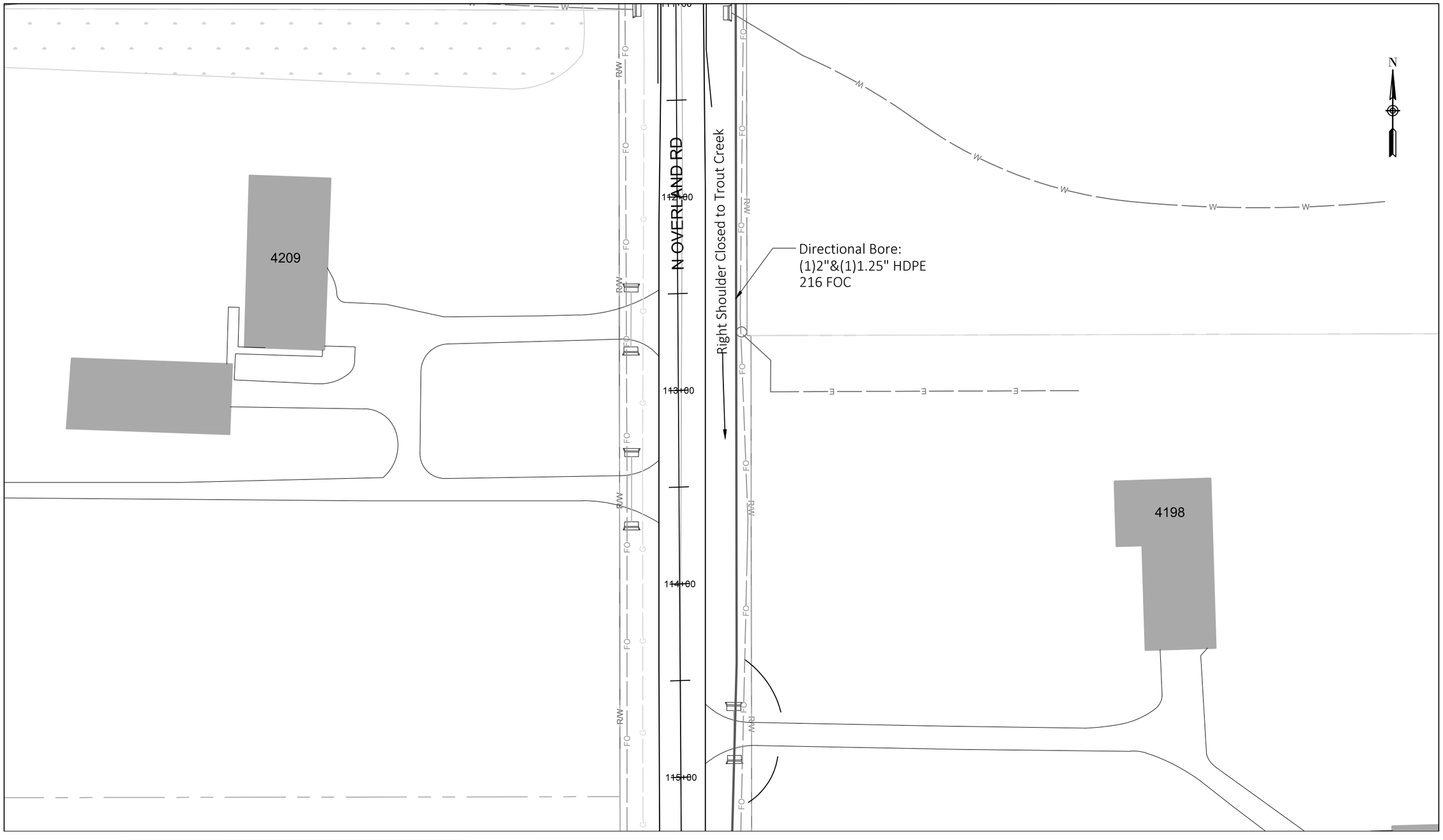


Construction Labor units this page:			
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

See Sheet 80

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

See Sheet 79



See Sheet 81

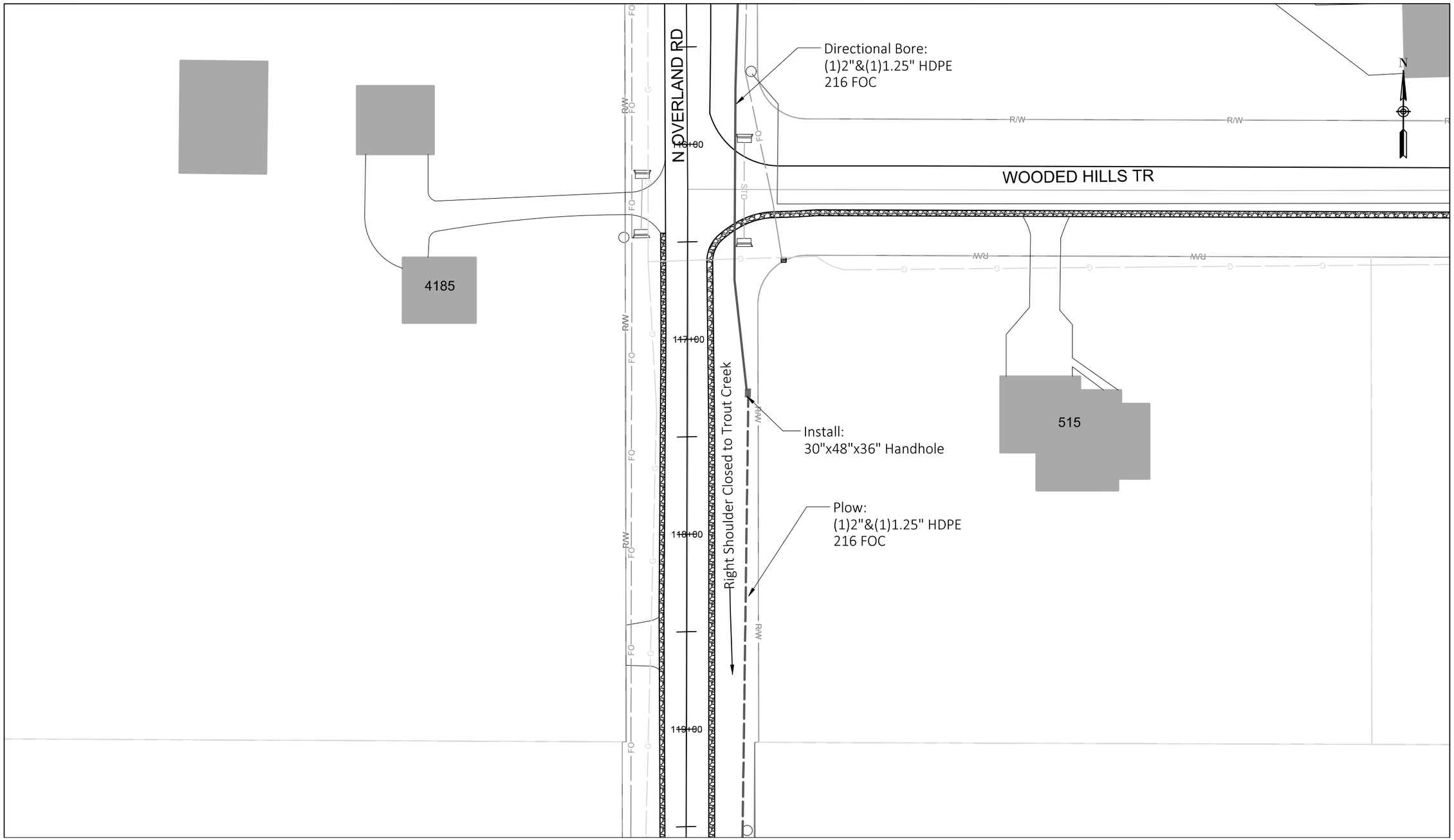
Construction Labor units this page:

Directional Bore:	427'	Handhole Installation:	0	Store cable expansion in handhole:	0'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	427'

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN DETAILS	SHEET E

PRE_306

See Sheet 80



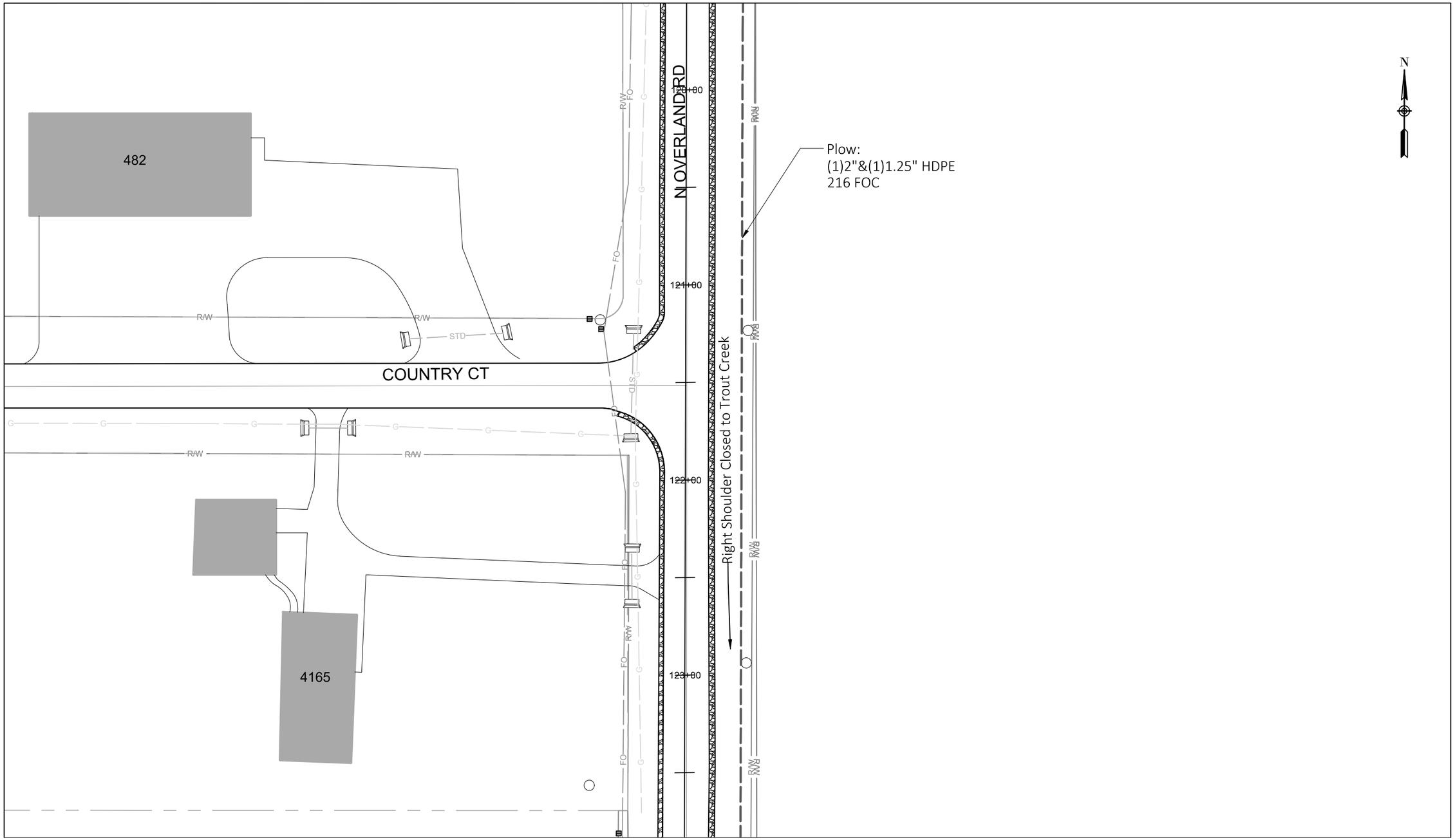
See Sheet 82

Construction Labor units this page:

Directional Bore:	197'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	224'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 421'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_307 E

See Sheet 81



See Sheet 83

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	427'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

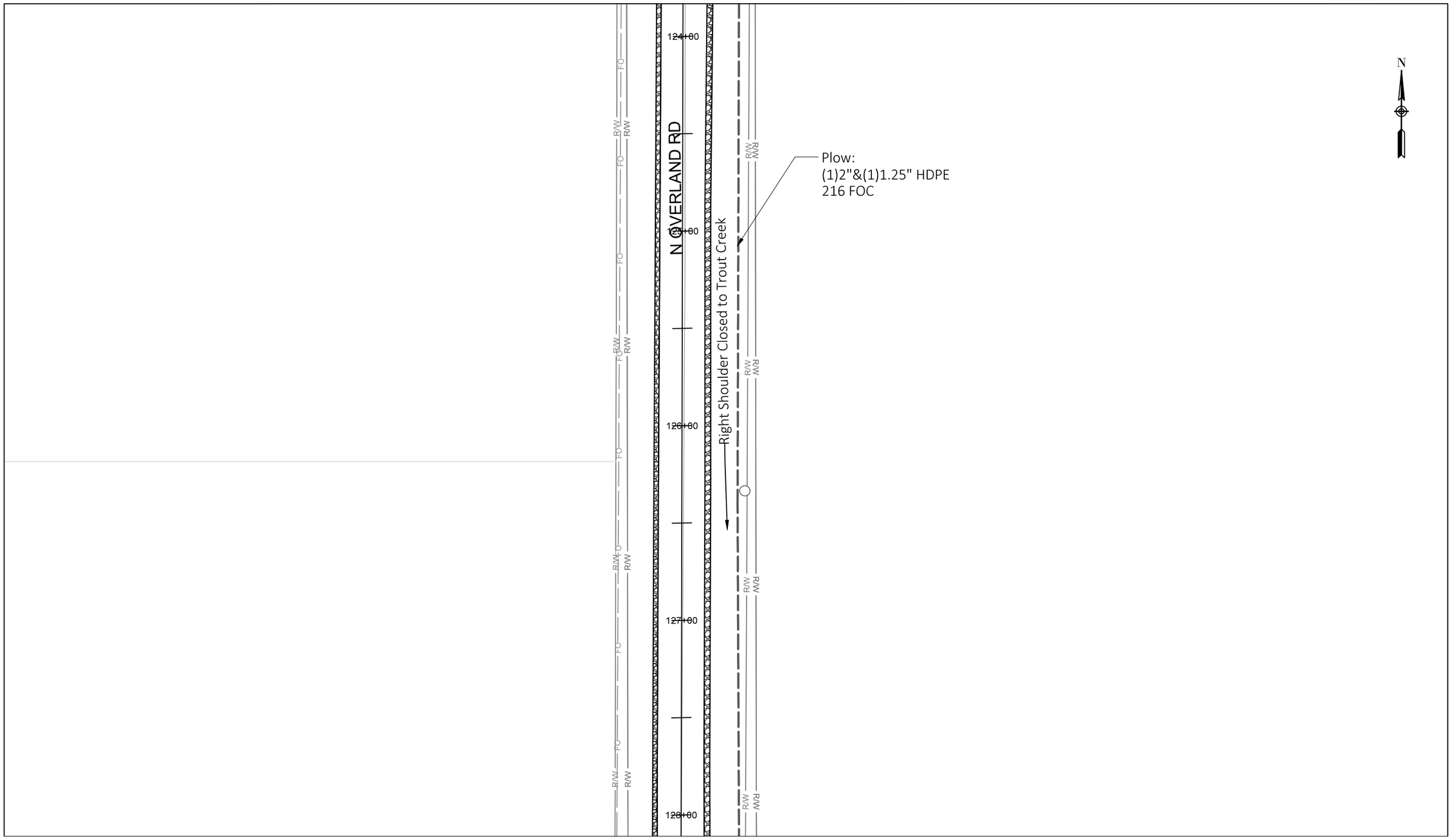
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_308

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 82

PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



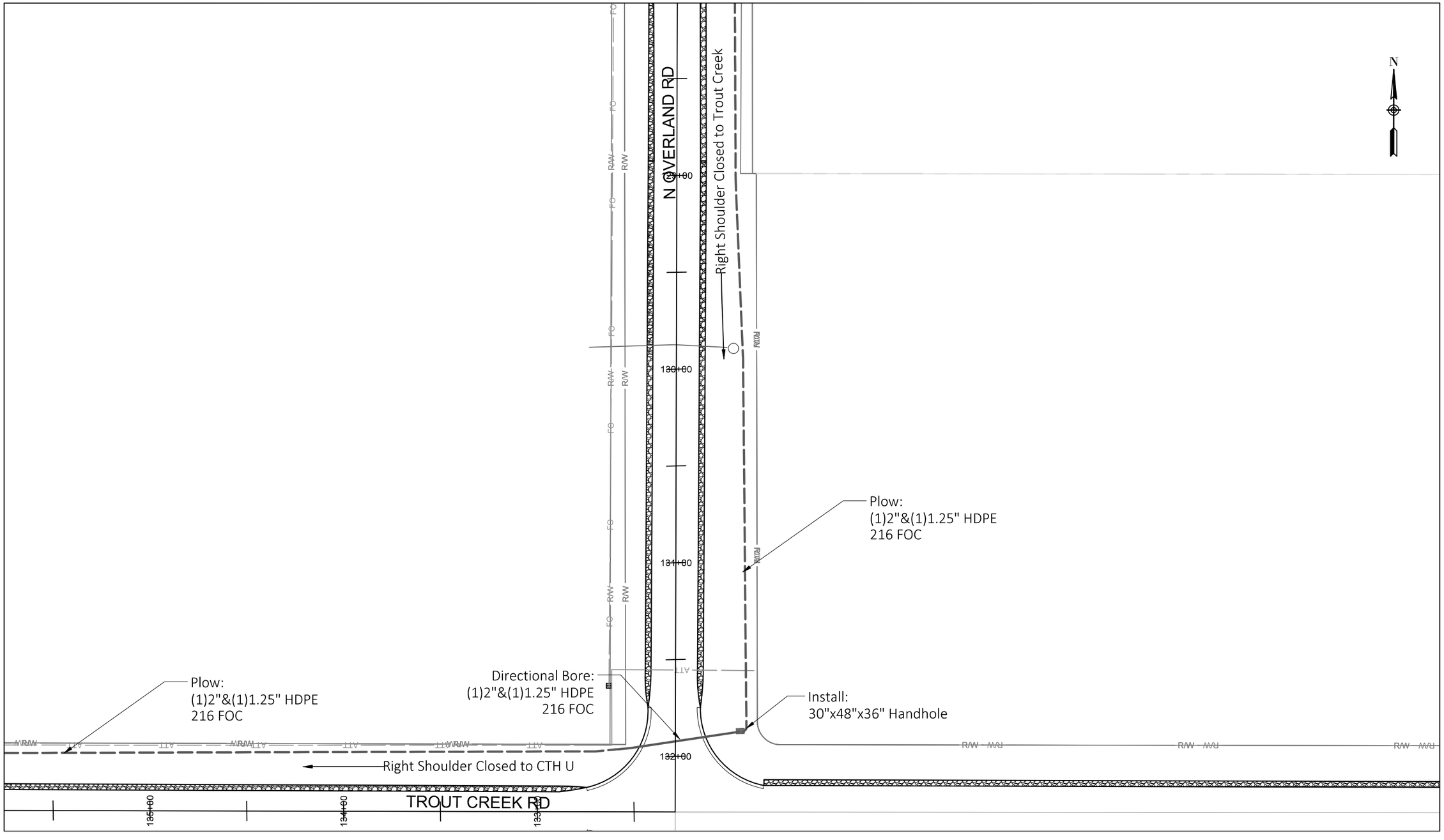
See Sheet 84

Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	427'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

See Sheet 83

See Sheet 85



Construction Labor units this page:

Directional Bore:	63'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	691'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	754'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

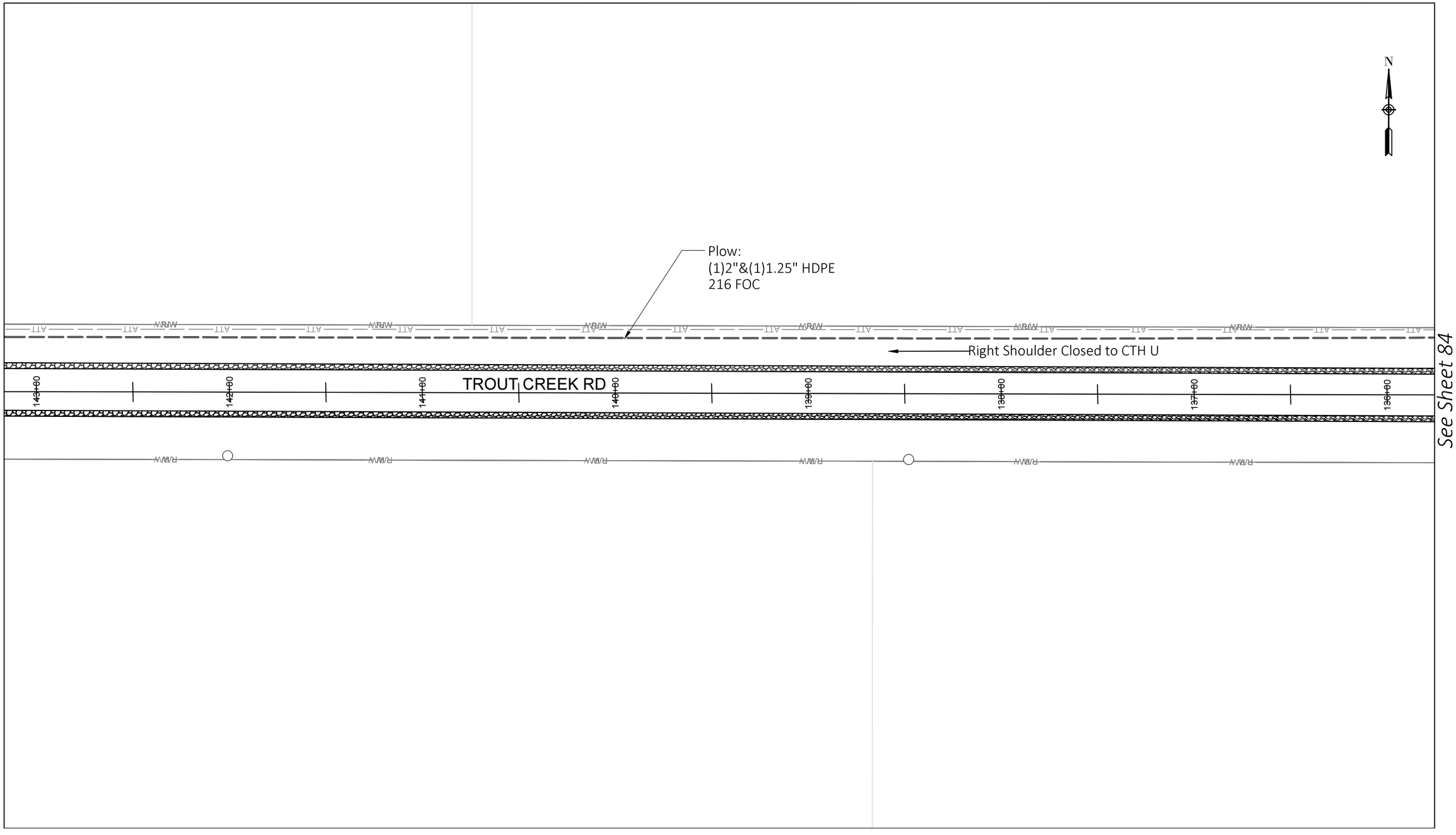
PRE_310

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 84

PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2

2



Construction Labor units this page:			
Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	740'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 740'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_311 E

2

See Sheet 87

See Sheet 85

N

Plow:
(1)2"&(1)1.25" HDPE
216 FOC

Directional Bore:
(1)2"&(1)1.25" HDPE
216 FOC

Plow:
(1)2"&(1)1.25" HDPE
216 FOC

Right Shoulder Closed to CTH U

Install:
30"x48"x36" Handhole

TROUT CREEK RD

156+00 | 149+00 | 148+00 | 147+00 | 146+00 | 145+00 | 144+00

ATT RW

T3/E1Ka

Construction Labor units this page:

Directional Bore:	465'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	263'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 728'

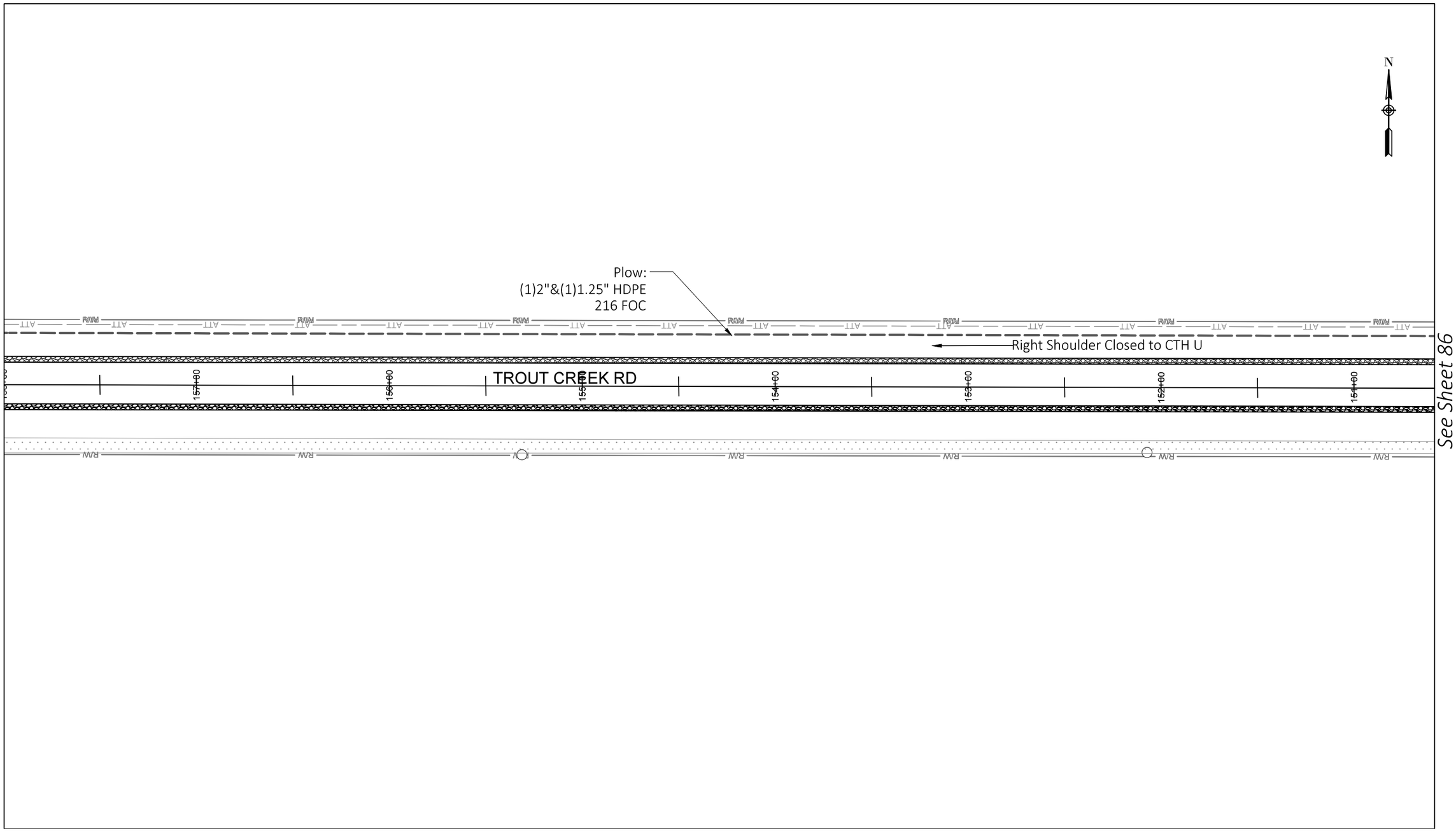
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_312

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 86

PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



Construction Labor units this page:

Directional Bore:	0'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	740'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 740'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_313

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 87
PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

See Sheet 89

See Sheet 87

N

Directional Bore:
(1)2"&(1)1.25" HDPE
216 FOC

Plow:
(1)2"&(1)1.25" HDPE
216 FOC

Right Shoulder Closed to CTH U

TROUT CREEK RD

165+00 164+00 163+00 162+00 161+00 160+00 159+00 158+00

243

Construction Labor units this page:

Directional Bore:	370'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	369'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 739'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_314

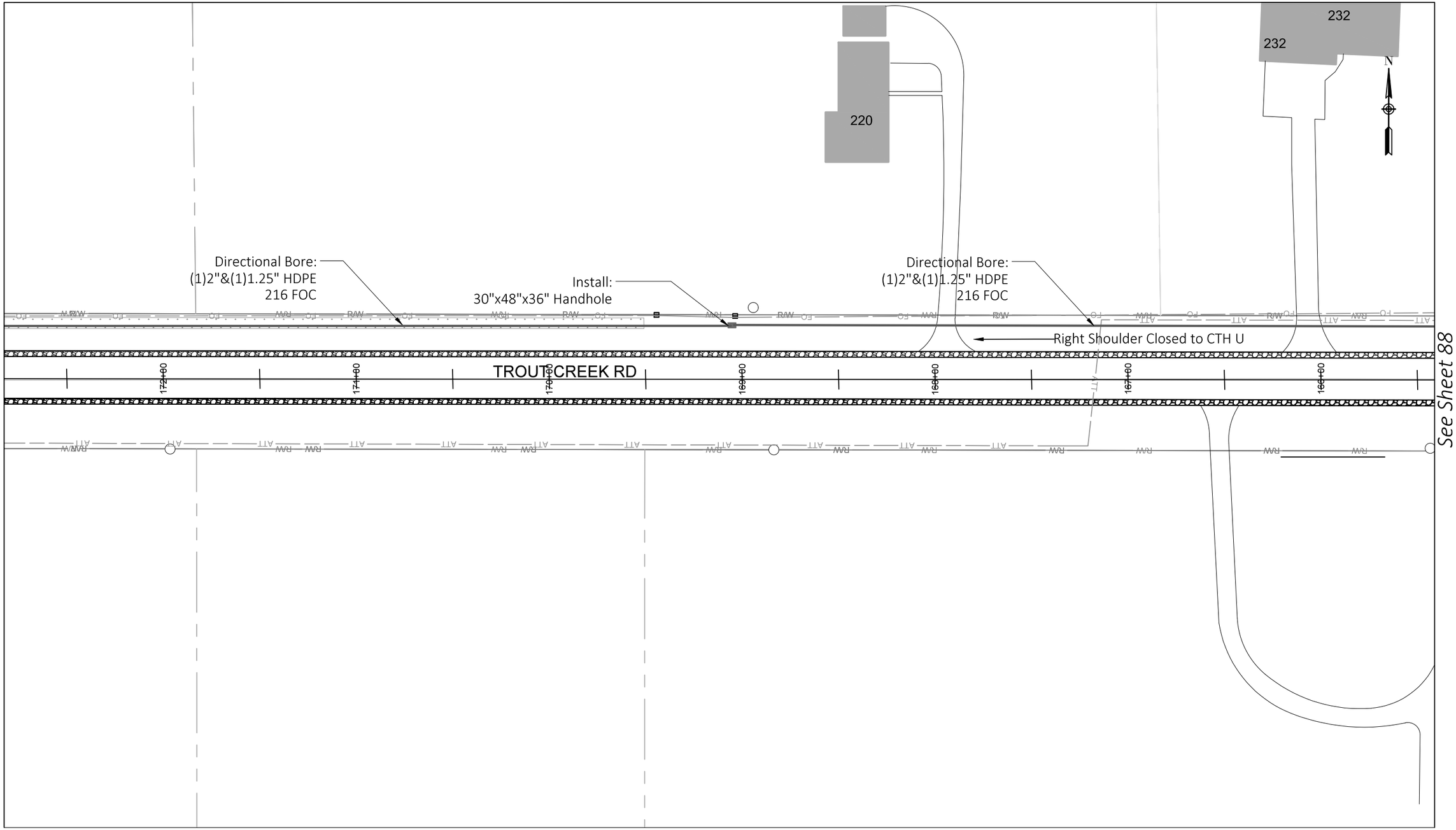
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 88

PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2



Construction Labor units this page:

Directional Bore:	738	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	0'	Place 216 FOC in duct:	738'

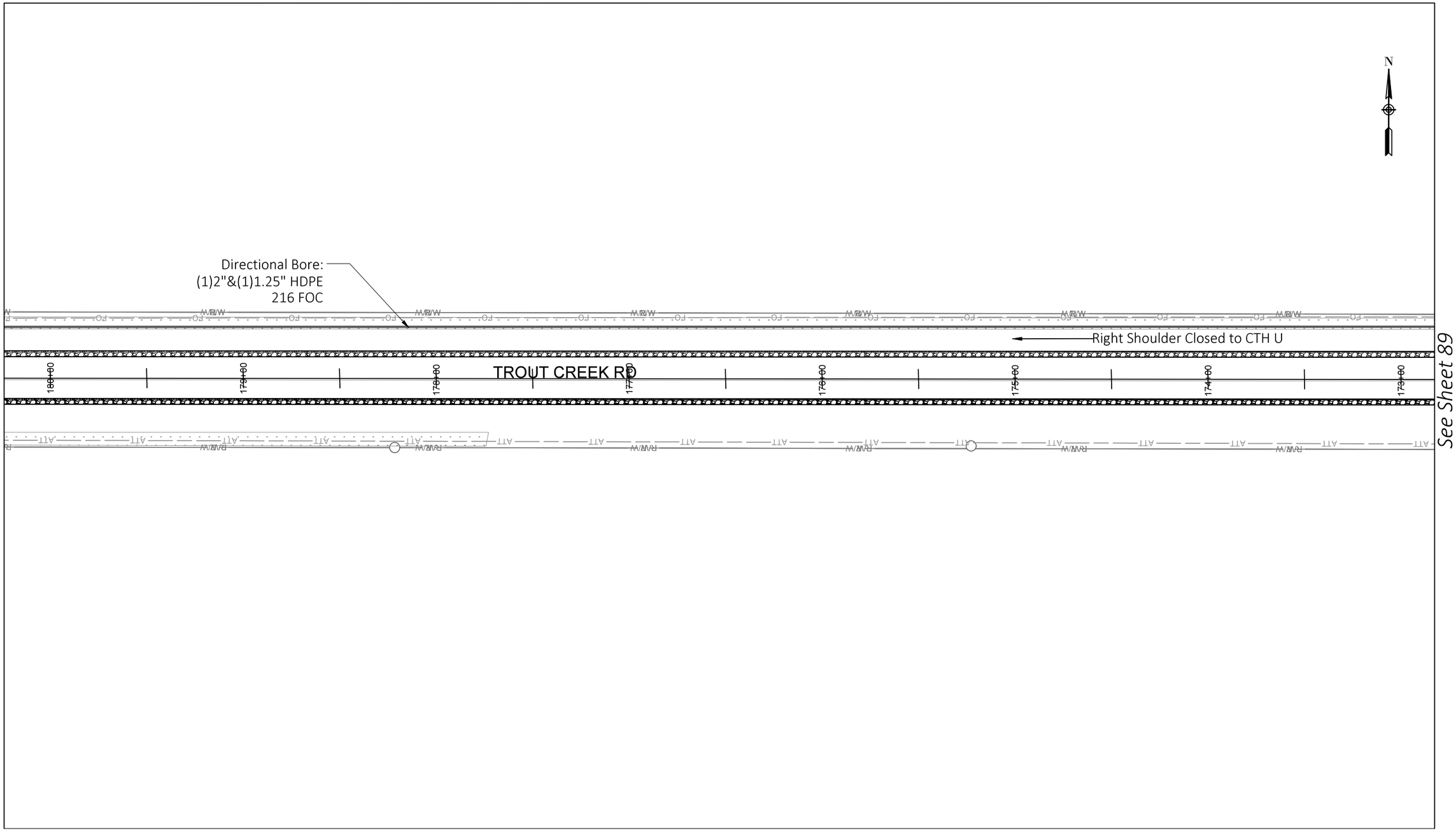
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_315

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 89

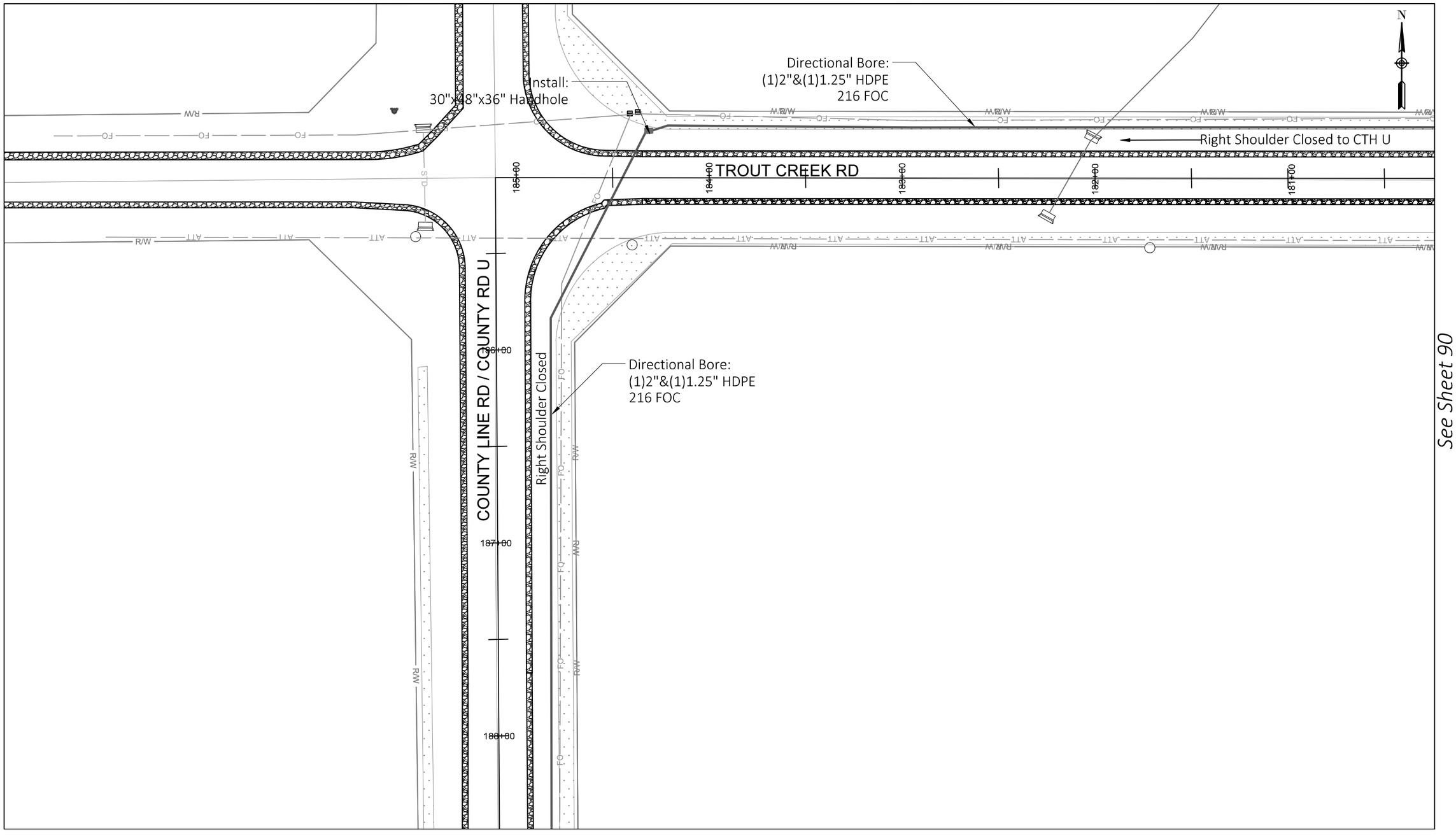
PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



Construction Labor units this page:			
Directional Bore:	740'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 740'

2



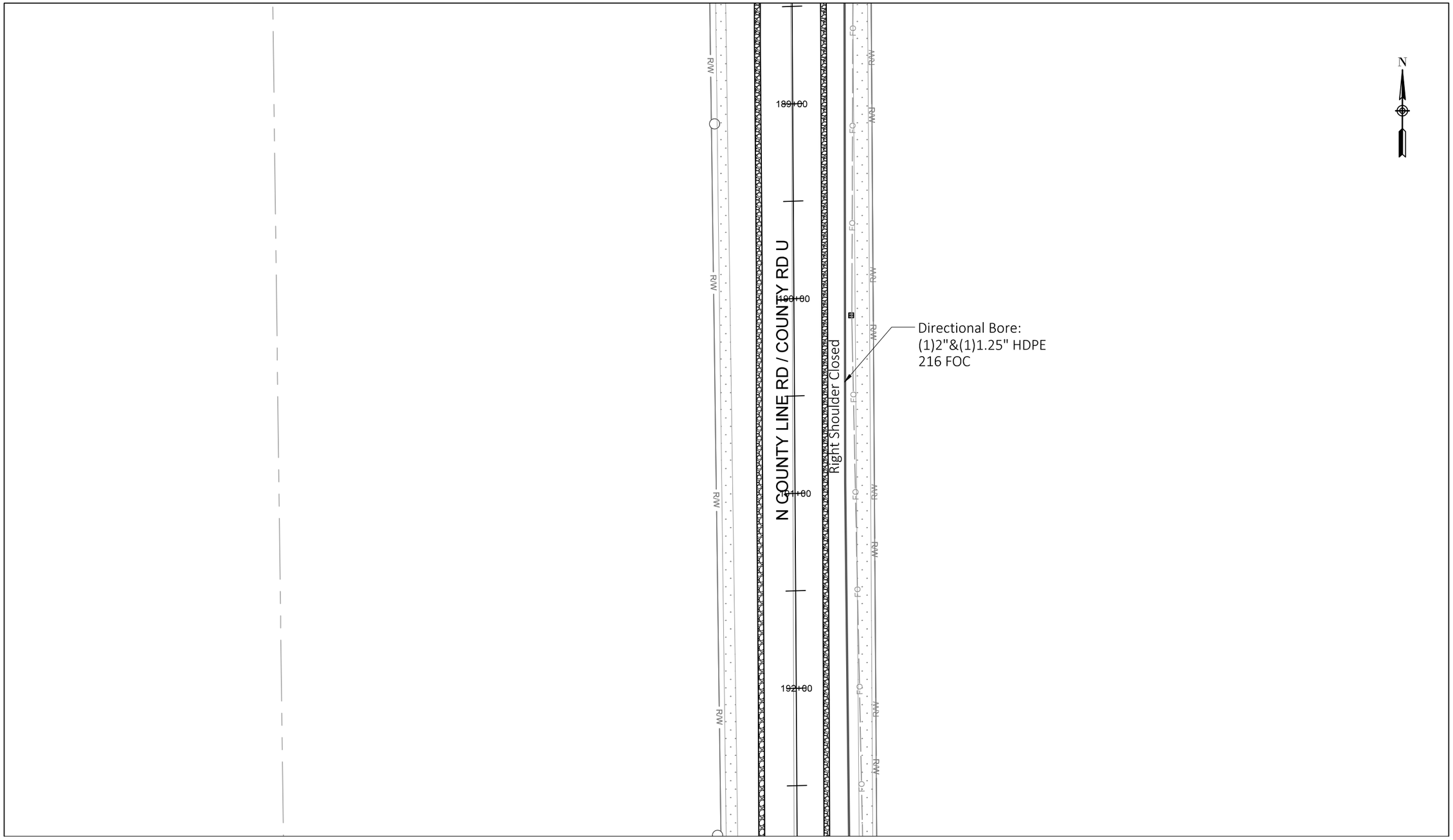
See Sheet 90

See Sheet 92

Construction Labor units this page:

Directional Bore:	779'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 779'

See Sheet 91



See Sheet 93

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

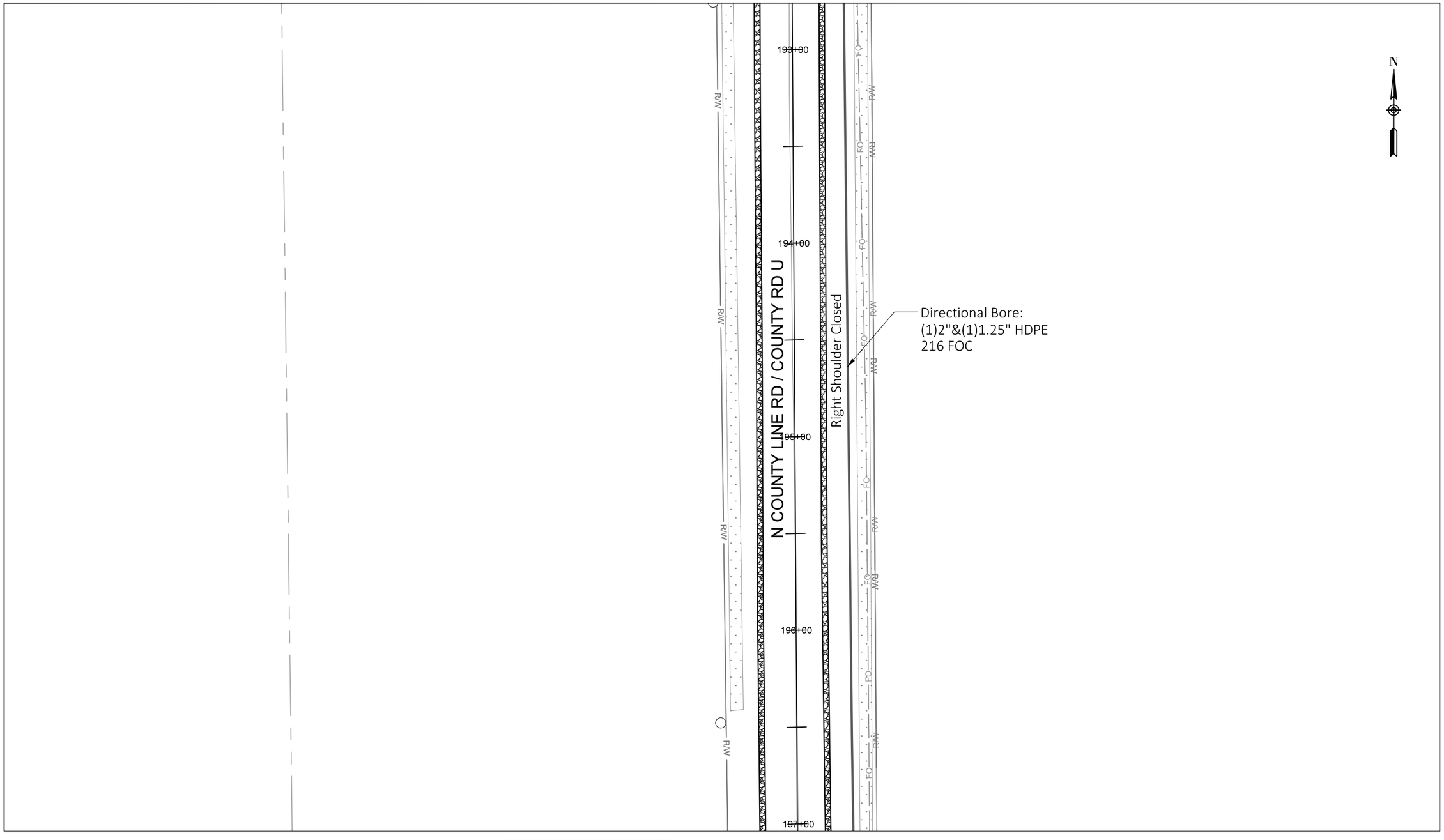
PRE_318

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 92

PLOT DATE : 1/21/2020 1:02 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 92



See Sheet 94

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

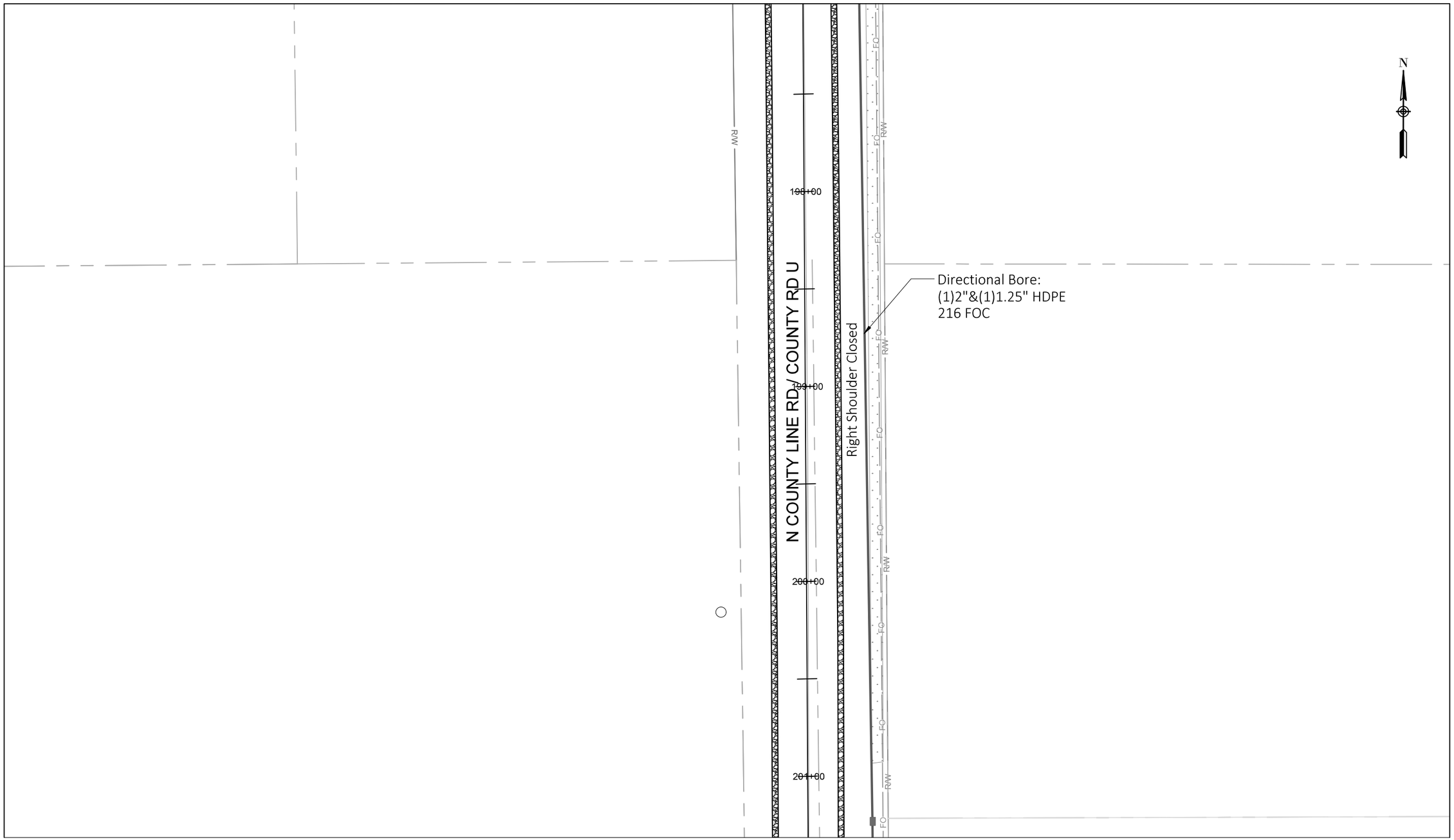
PRE_319

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 93

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 93



Construction Labor units this page:

Directional Bore:	425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 425'

See Sheet 95

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

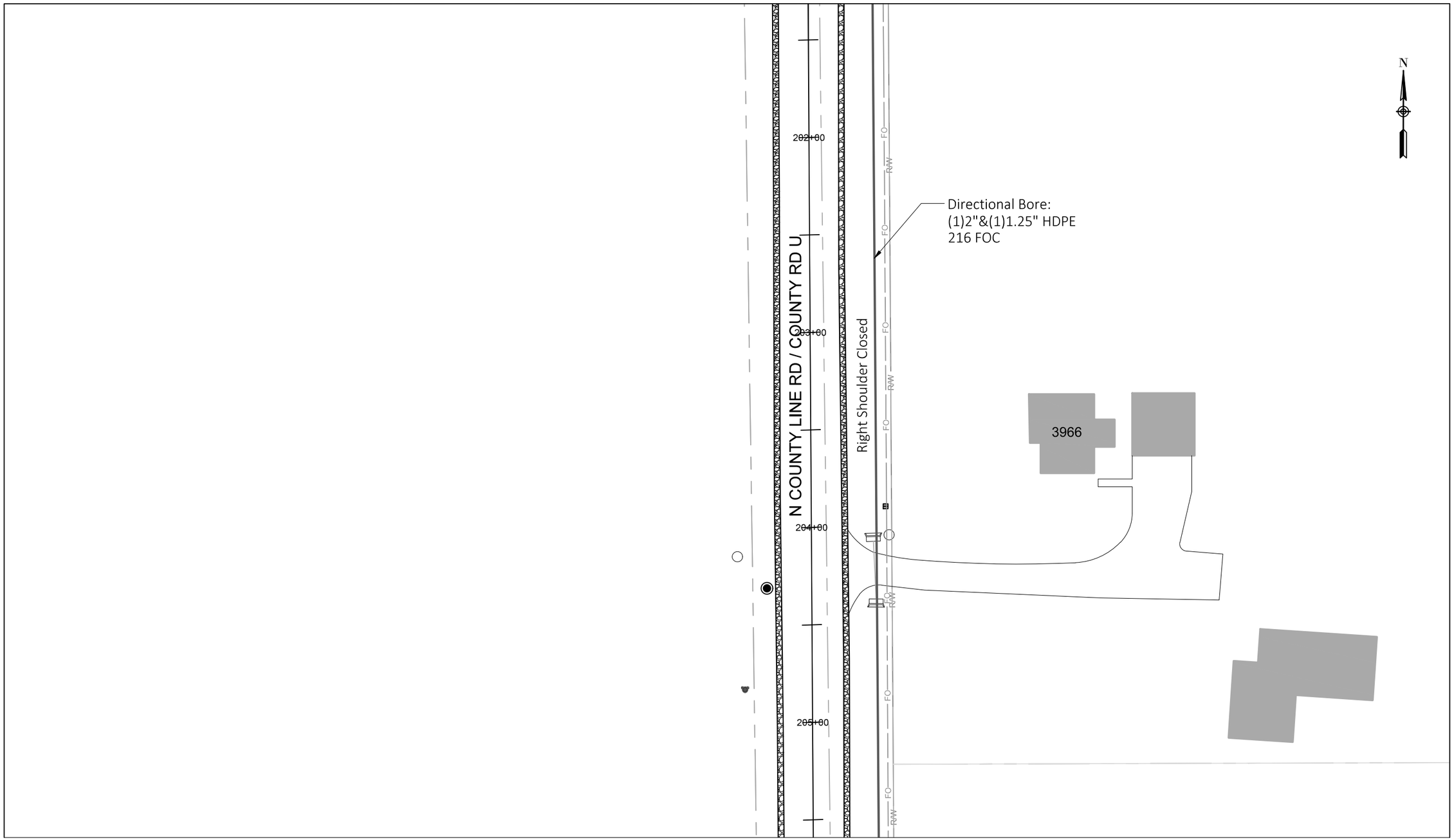
PRE_320

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 94

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 94



See Sheet 96

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

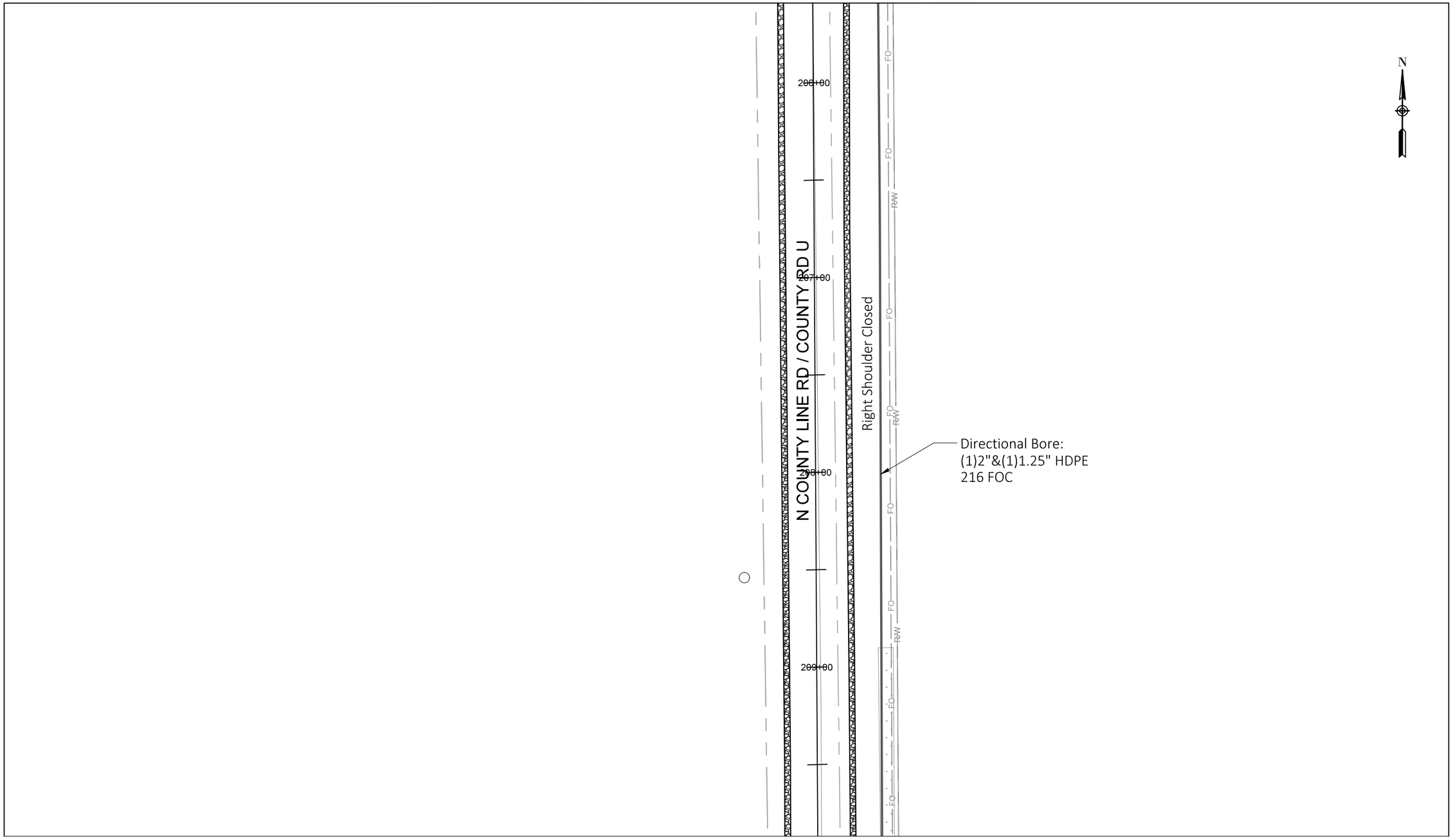
PRE_321

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 95

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 95



See Sheet 97

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 427'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

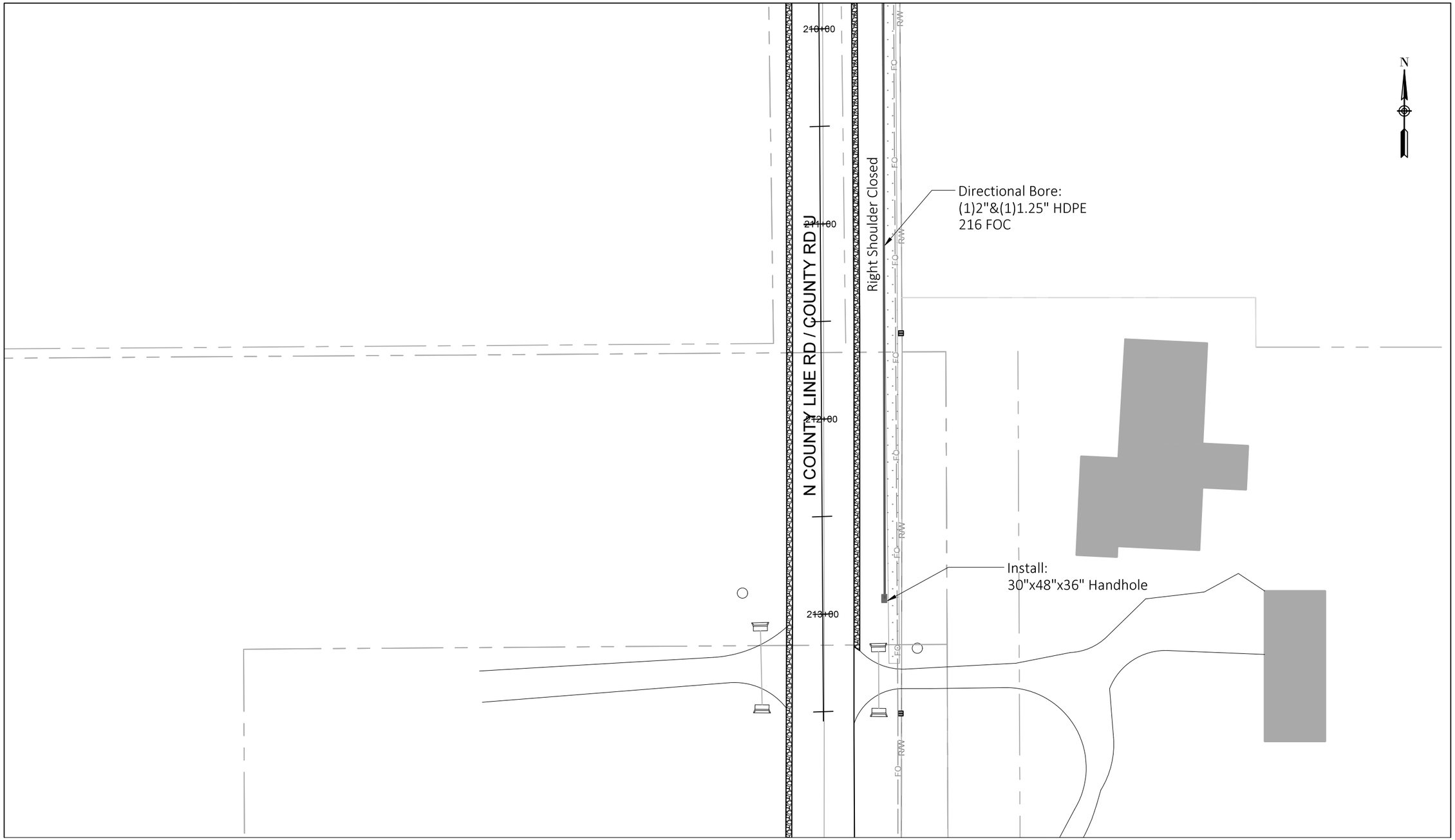
PRE_322

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 96

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 96



Construction Labor units this page:

Directional Bore:	302'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 0'	Place 216 FOC in duct: 302'

Print numbering continues with Print 98 at the intersection of Overland Road and STH29/32.

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

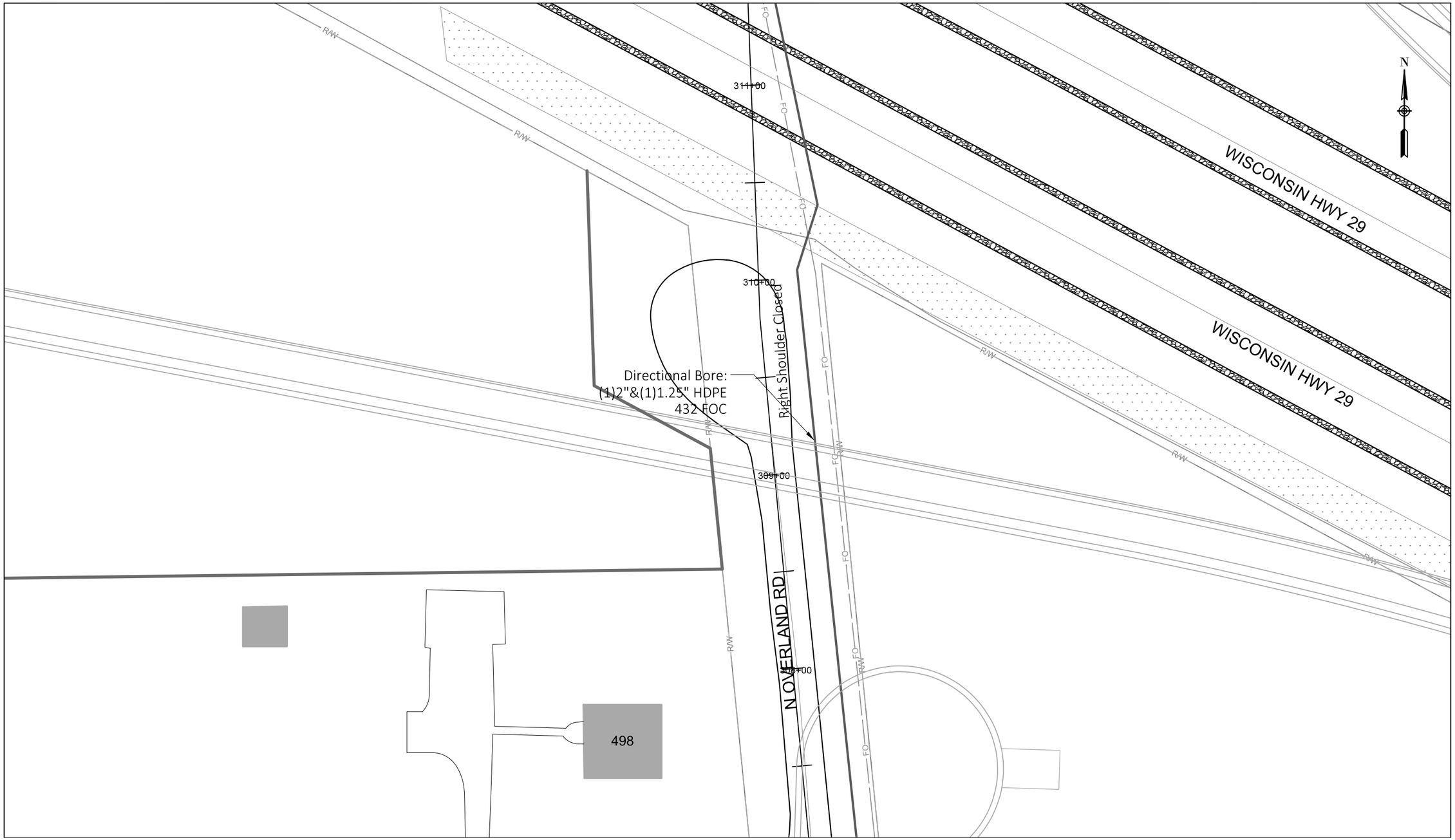
PRE_323

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 97

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 99



See Sheet 54

Construction Labor units this page:

Directional Bore:	431'	Handhole Installation: 0		Store cable expansion in handhole: 0'	
Plow:	0'	Place 432 FOC in duct:	431'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

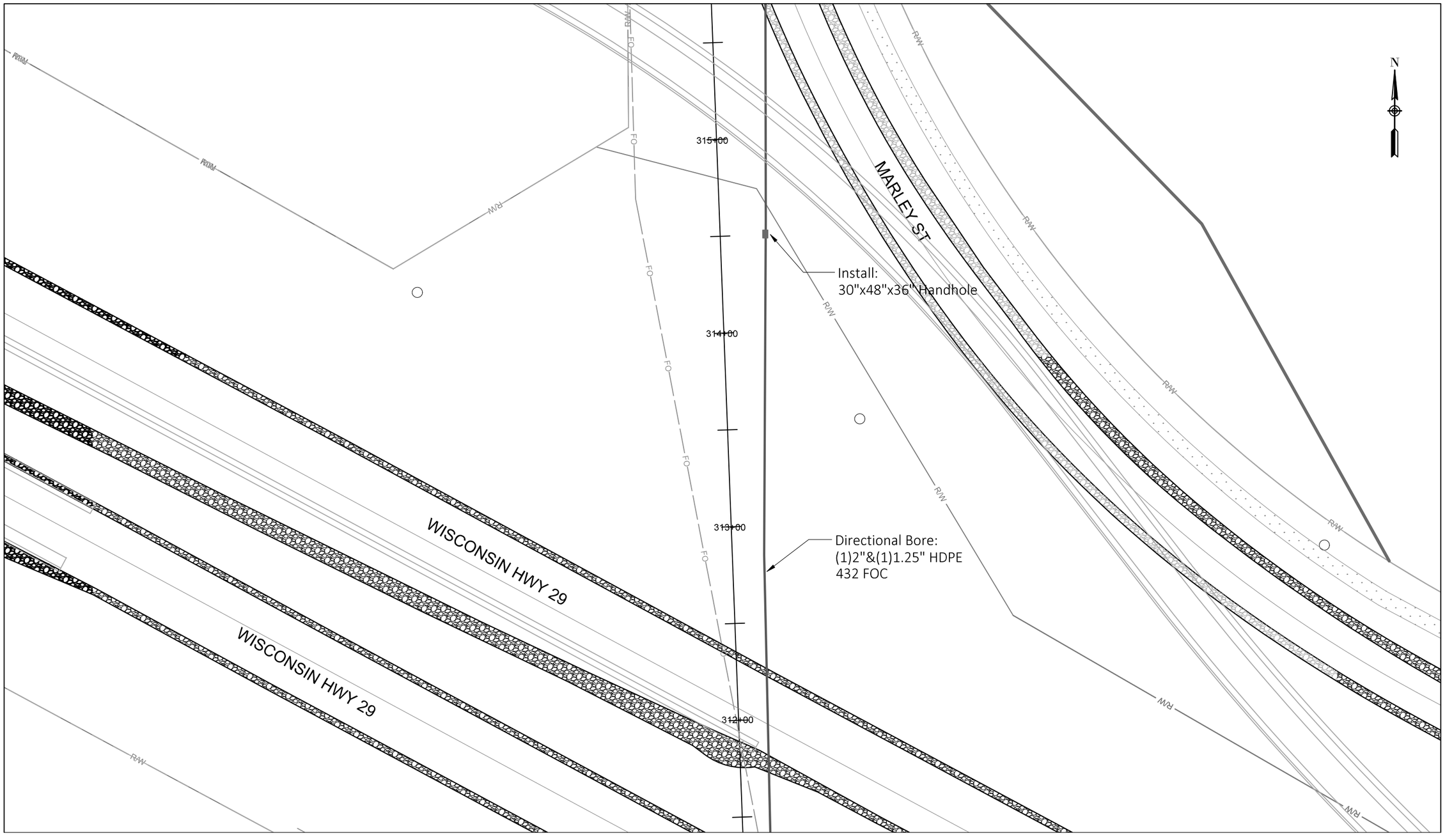
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 98

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

99

See Sheet 100



See Sheet 98

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	427'	Place 216 FOC in duct:	0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

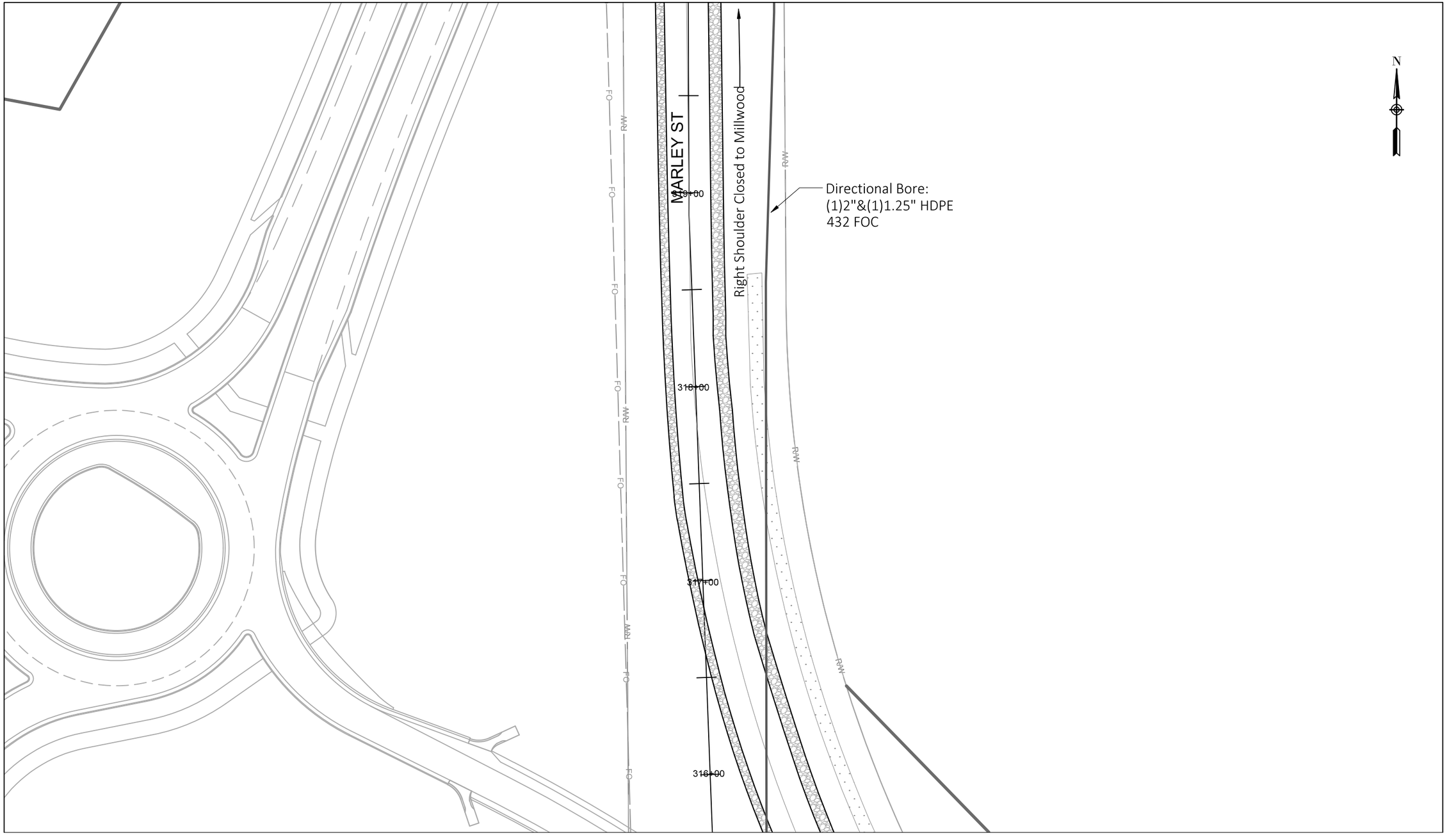
PRE_325

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 99

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 101



See Sheet 99

Construction Labor units this page:

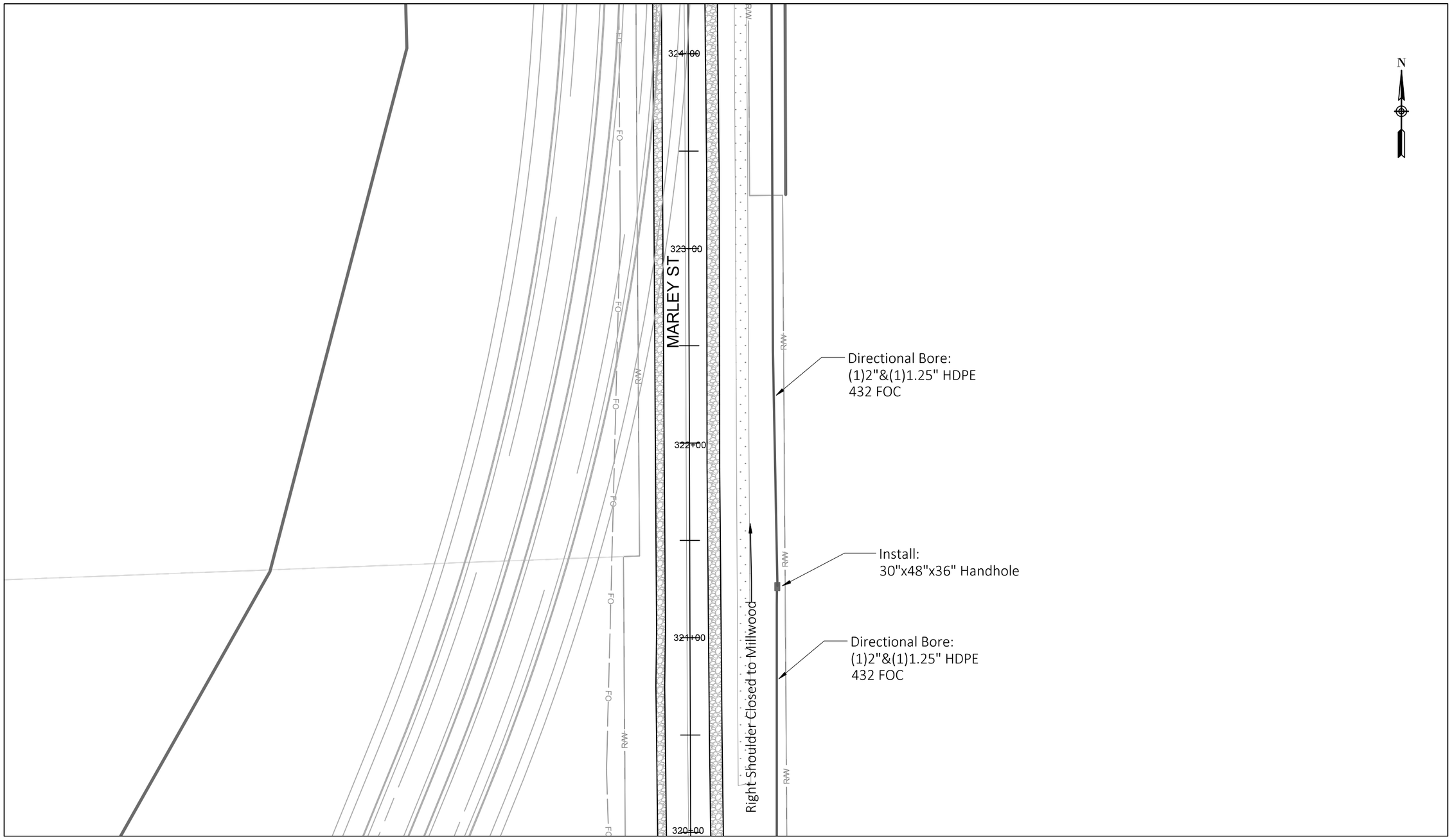
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_326

See Sheet 102

2



See Sheet 100

Construction Labor units this page:

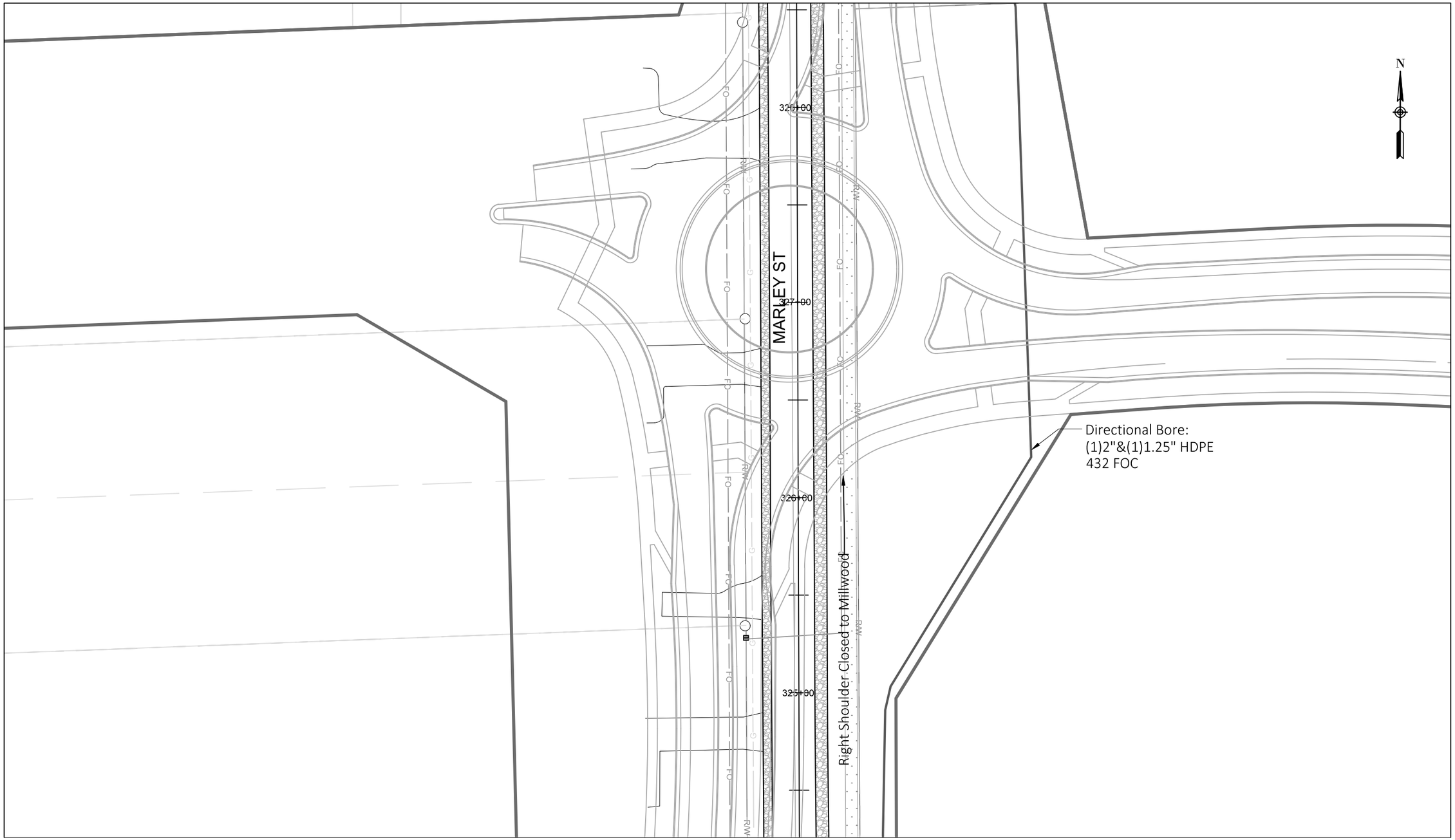
Directional Bore:	427'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 101

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 103



See Sheet 101

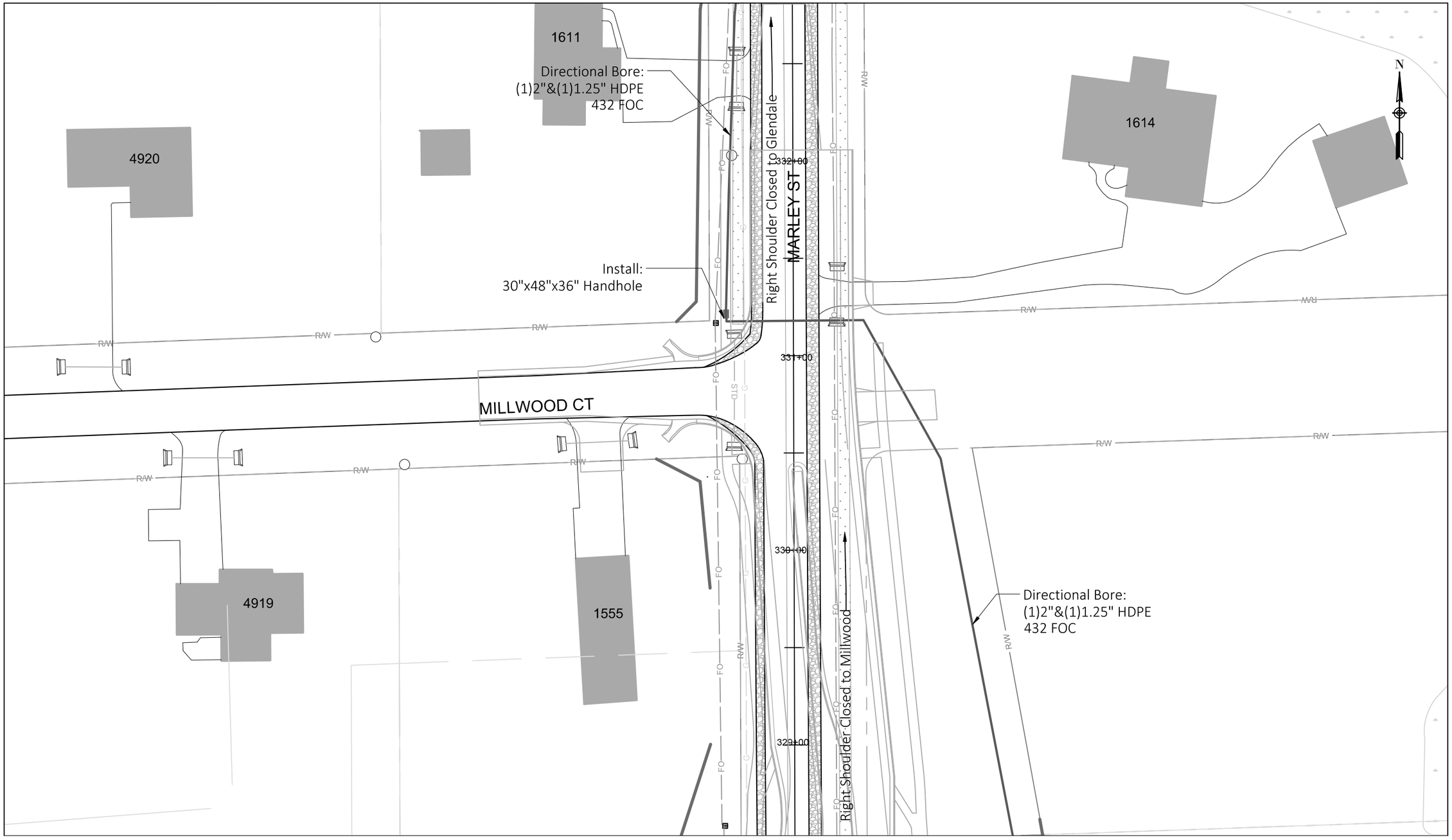
Construction Labor units this page:

Directional Bore:	455'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 455'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 102

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########



See Sheet 102

Construction Labor units this page:

Directional Bore:	511'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 511'	Place 216 FOC in duct: 0'

See Sheet 105



See Sheet 103

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

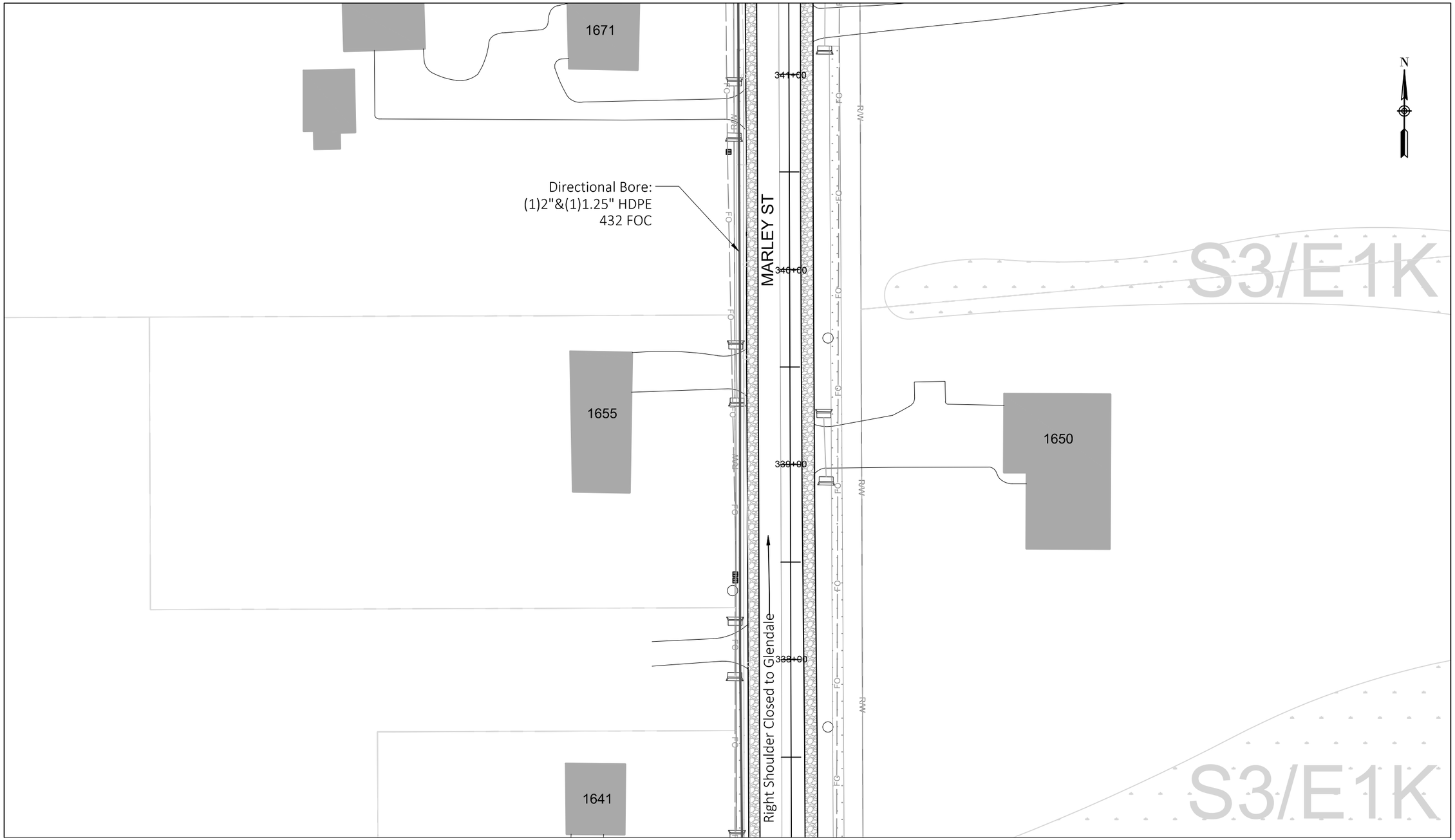
PRE_330

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 104

PLOT DATE : 1/21/2020 1:03 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 106



See Sheet 104

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

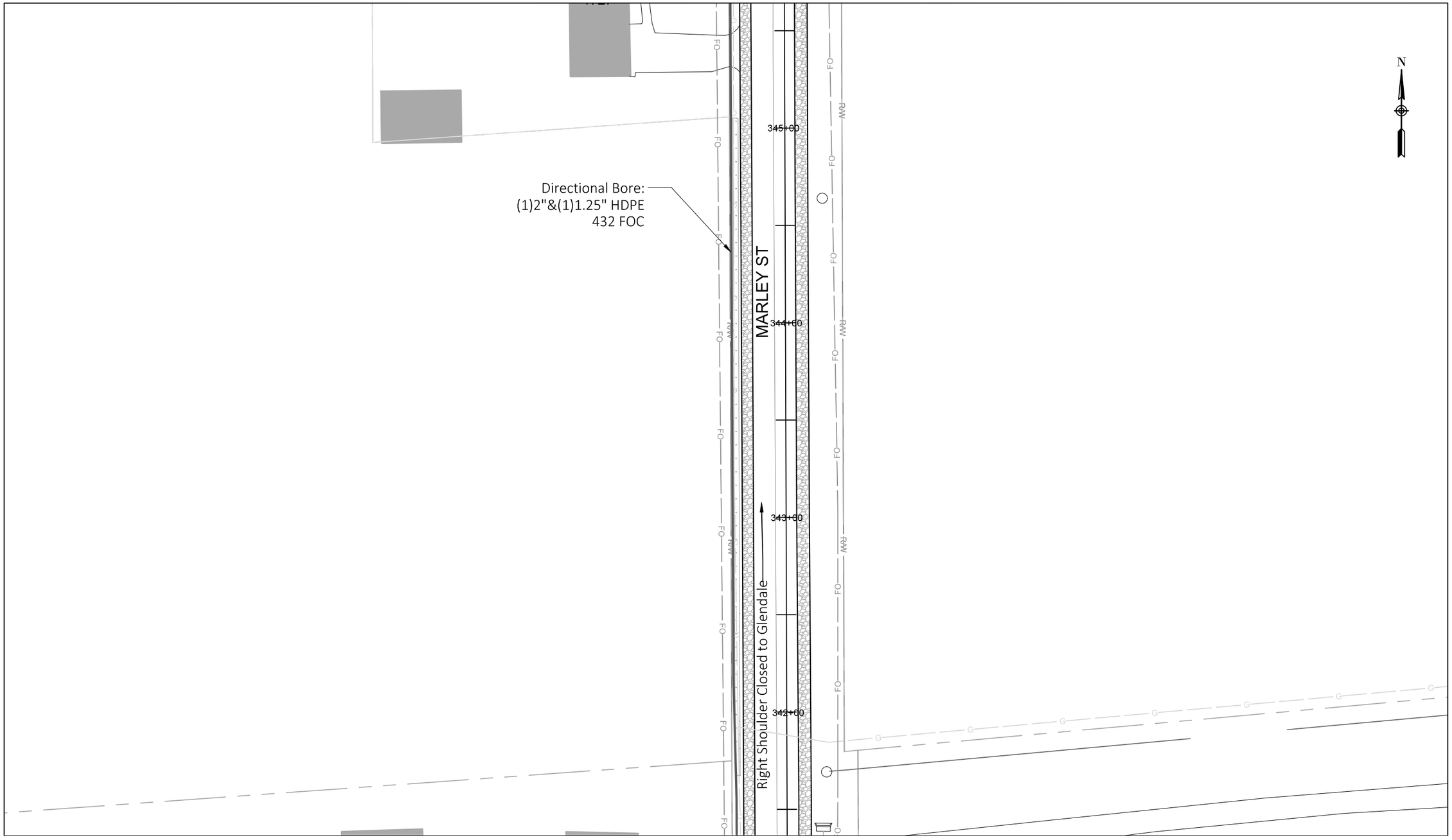
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_331

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 105

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

See Sheet 107



See Sheet 105

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

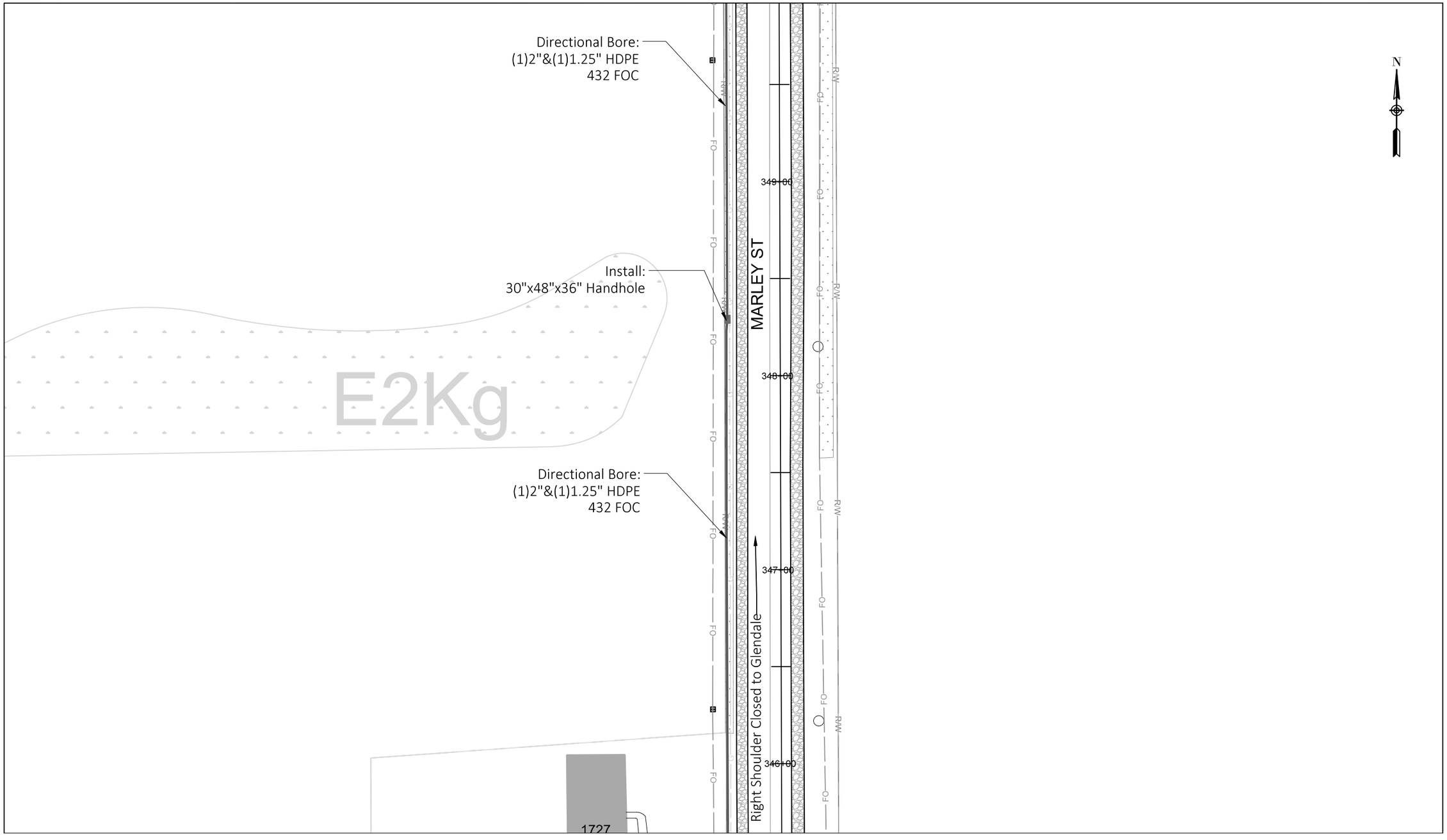
PRE_332

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 106

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 108



See Sheet 106

Construction Labor units this page:

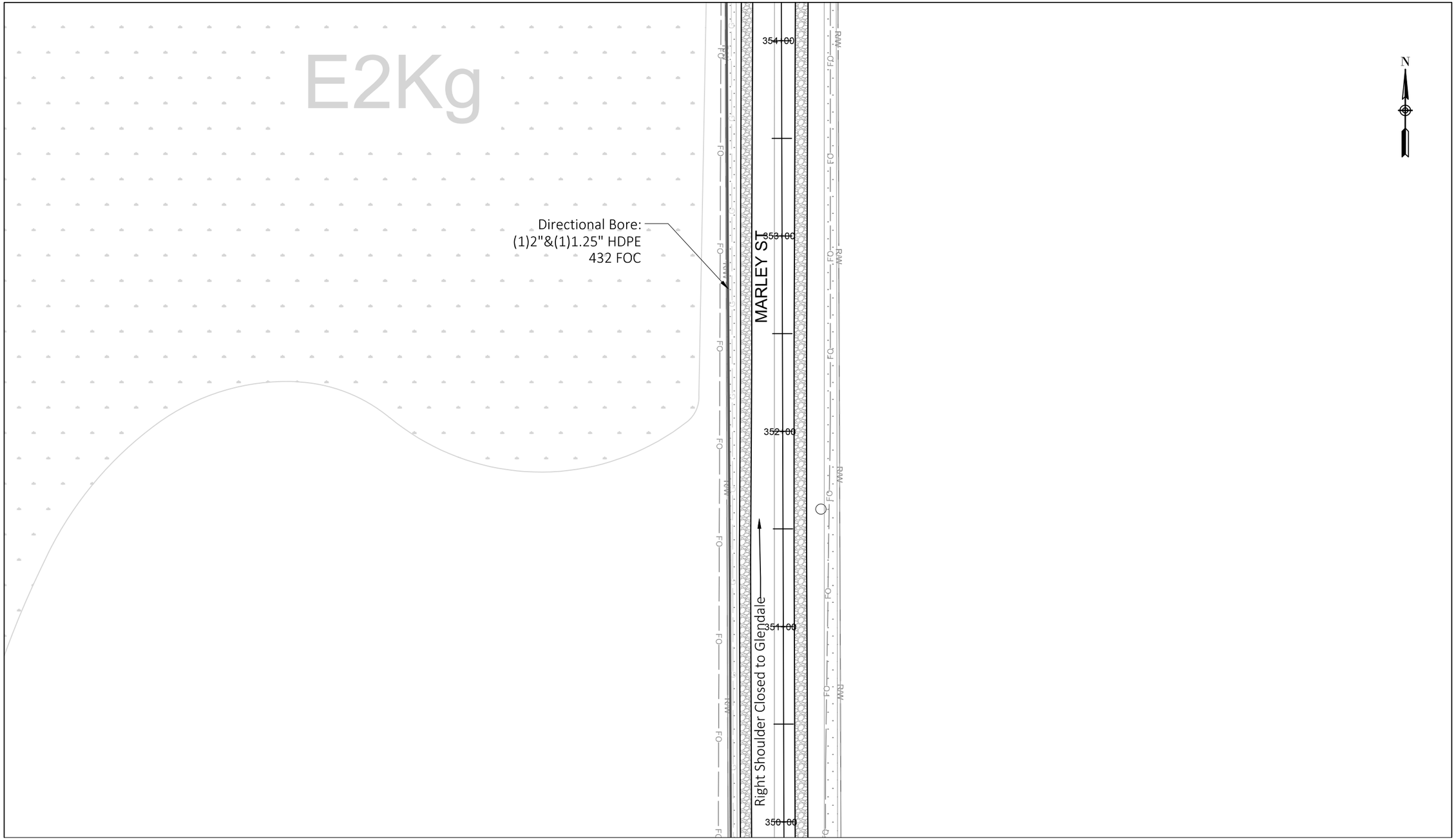
Directional Bore:	425'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 425'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_333

See Sheet 109

E2Kg



See Sheet 107

Construction Labor units this page:

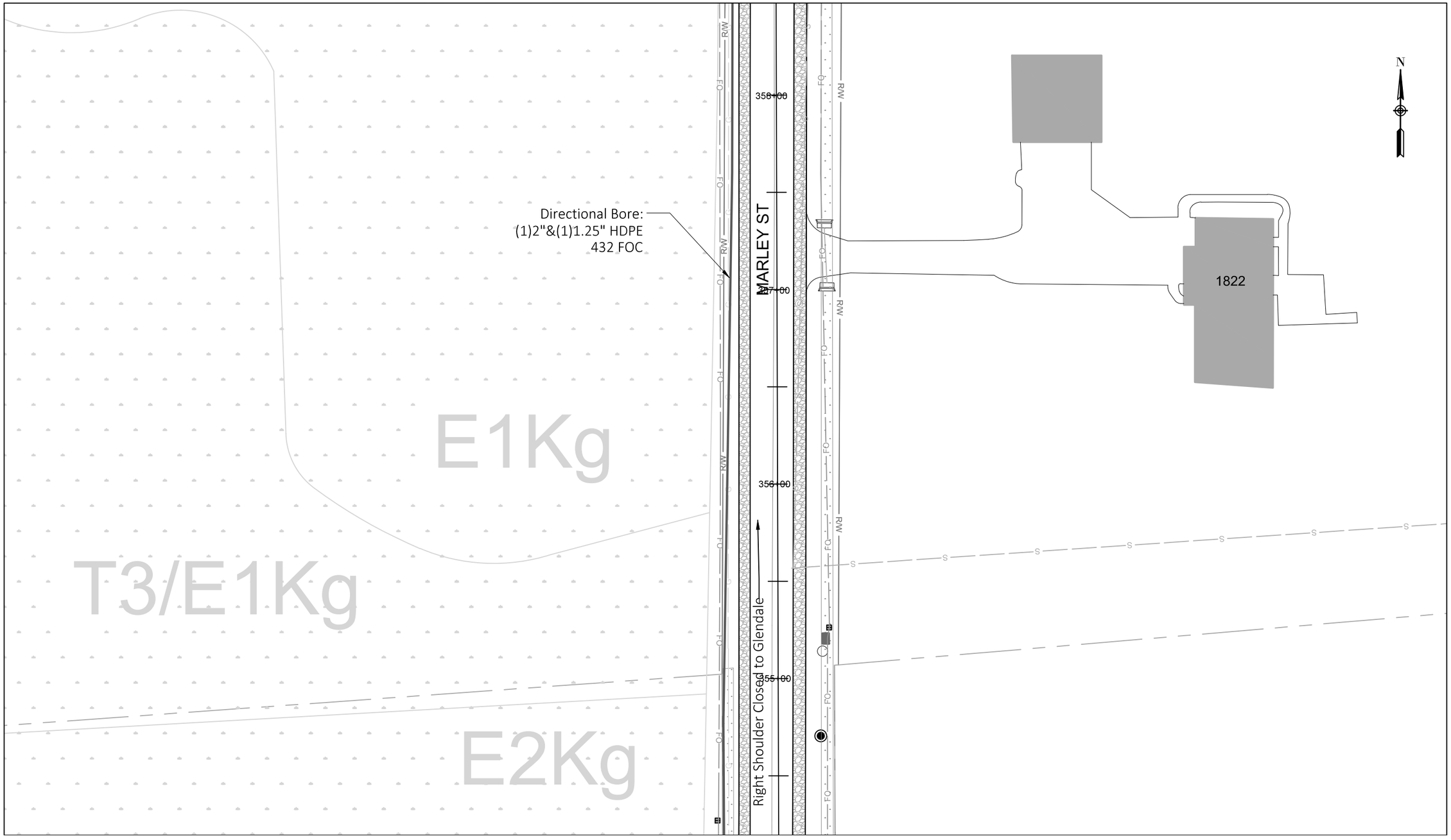
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_334

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 108

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########



See Sheet 108

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_335 E

See Sheet 111

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Right Shoulder Closed to CTH U

GLENDALE AVE

363+00

362+00

Install:
30"x48"x36" Handhole

MARLEY ST

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

361+00

360+00

359+00

Right Shoulder Closed to Glendale

5137

5137

N

T3/E1Kg

E1Kg

See Sheet 109

Construction Labor units this page:

Directional Bore:	711'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 711'	Place 216 FOC in duct: 0'

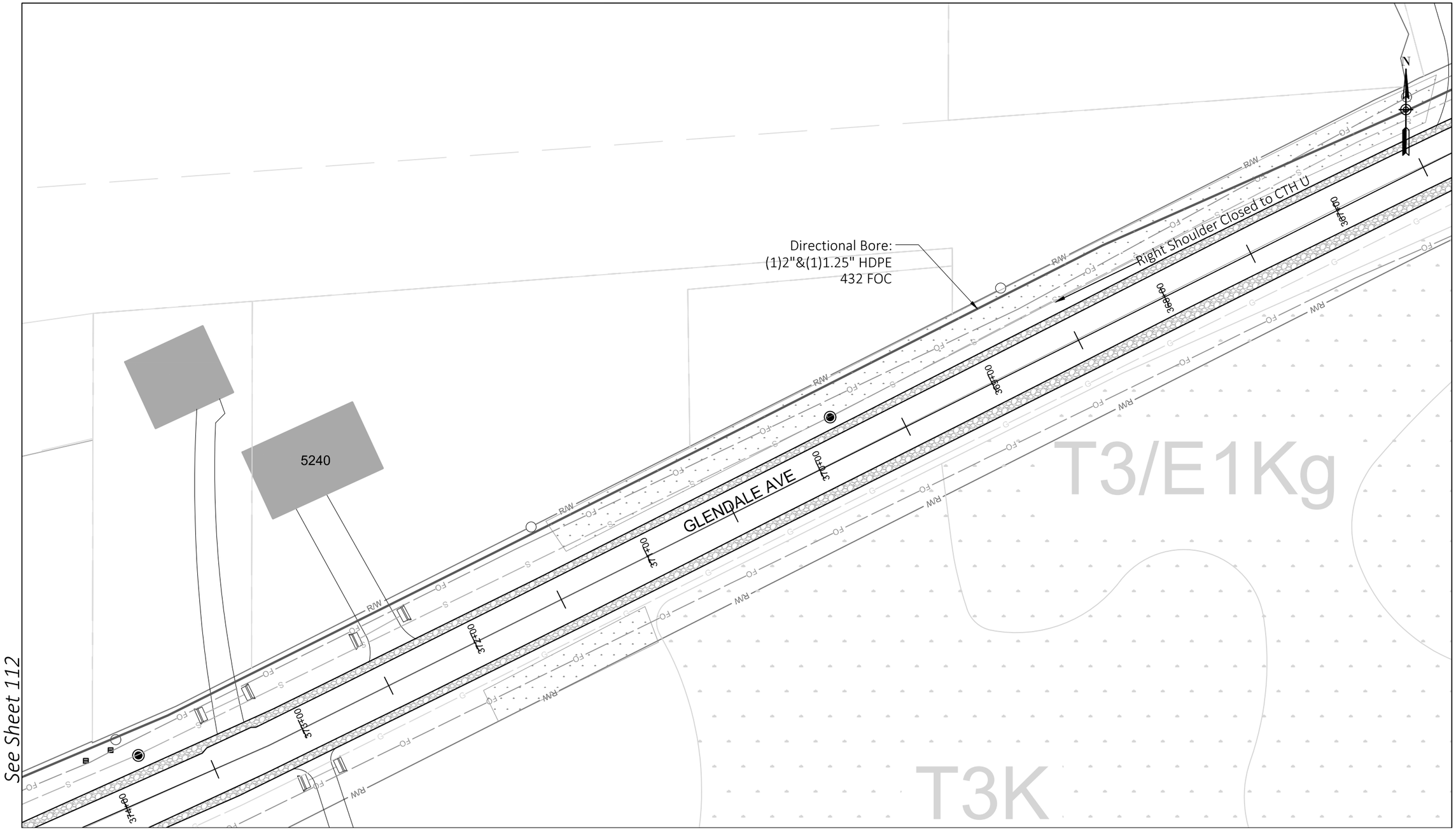
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_336

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 110

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



See Sheet 110

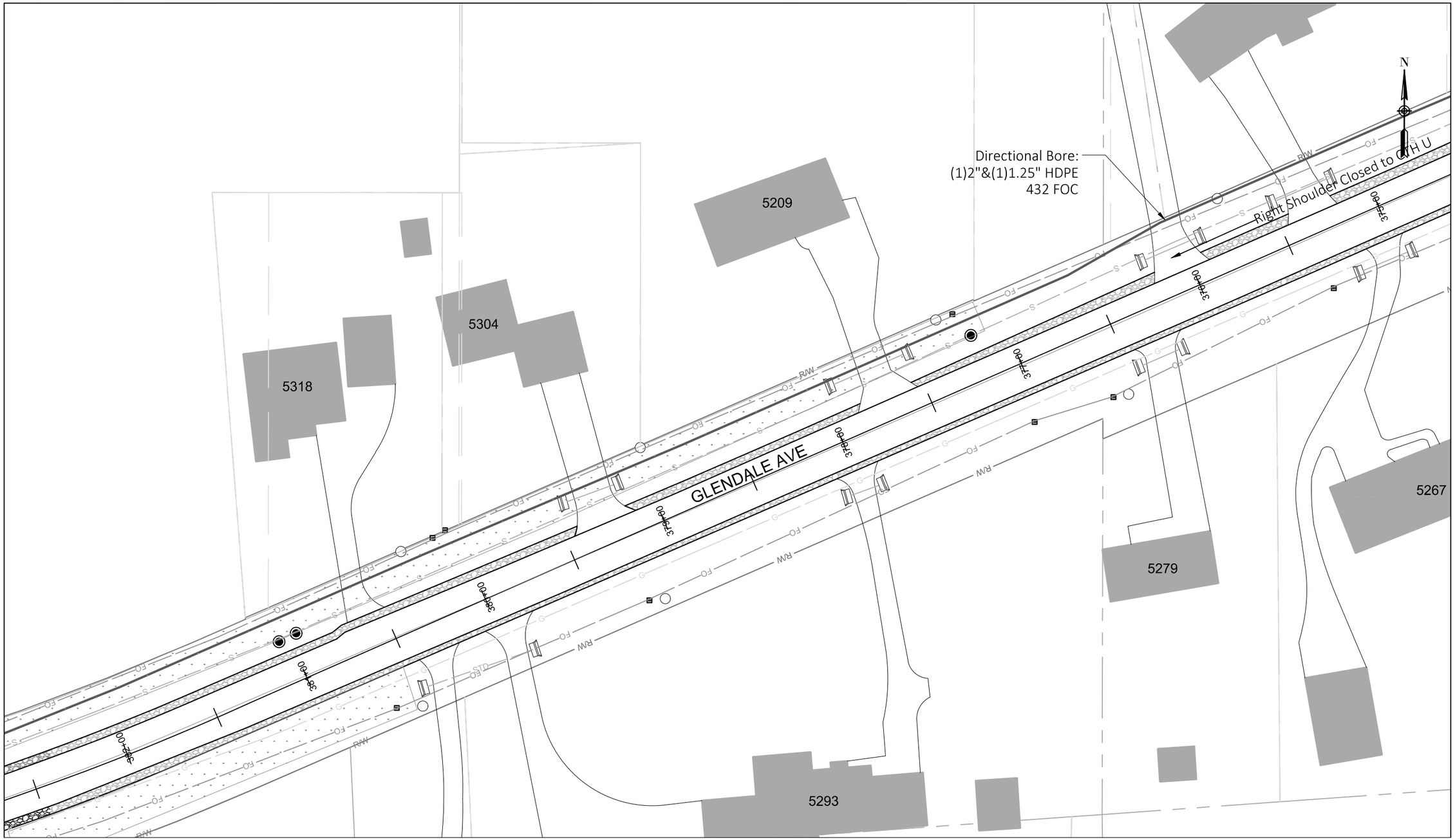
See Sheet 112

Construction Labor units this page:

Directional Bore:	822'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 822'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_337 E

2



Construction Labor units this page:

Directional Bore:	809'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 809'	Place 216 FOC in duct: 0'

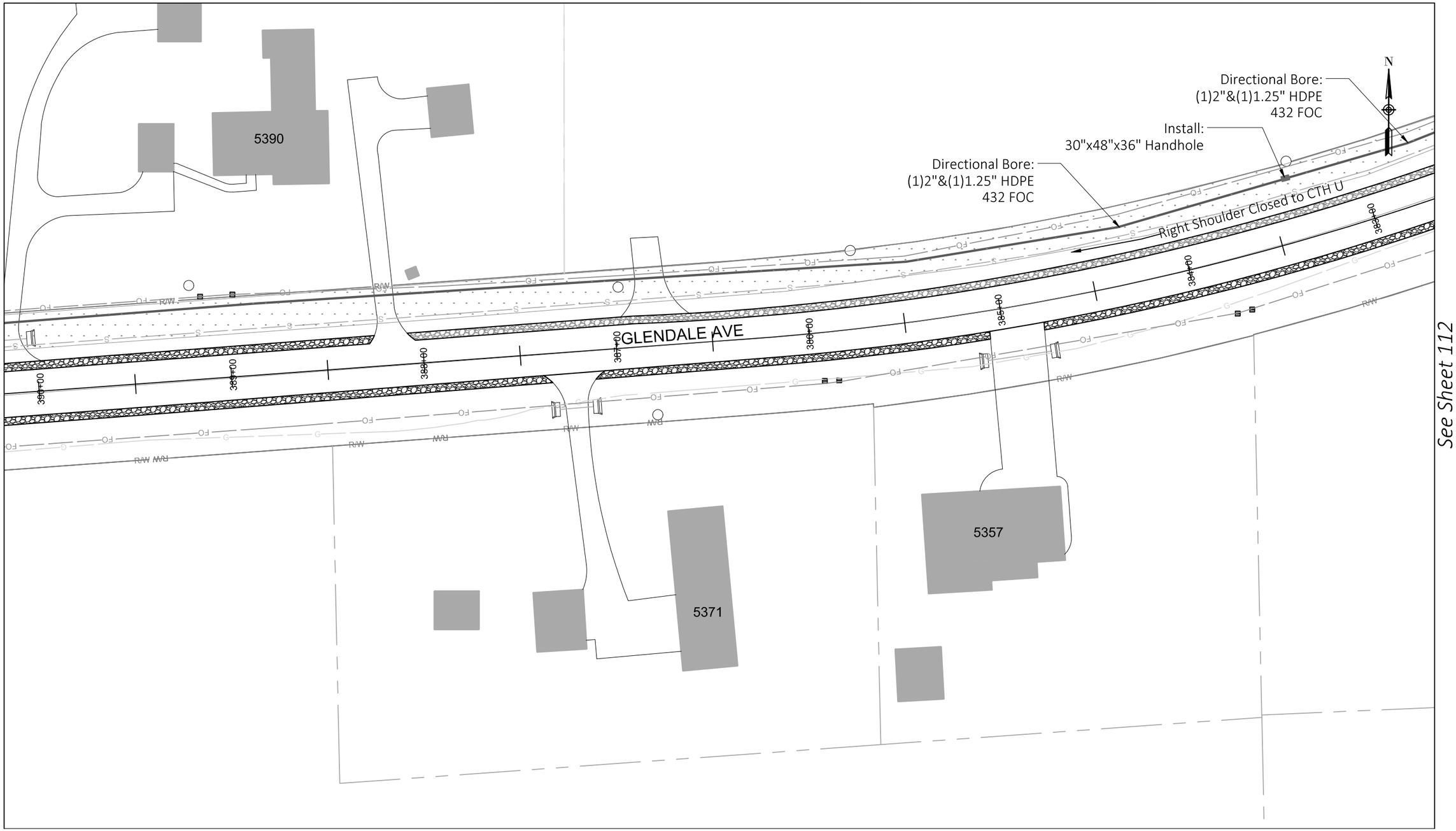
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_338

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 112

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2



Construction Labor units this page:

Directional Bore:	750'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 750'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_339

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 113

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2

See Sheet 115

See Sheet 113

N

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Right Shoulder Closed to CTH U

GLENDALE AVE

397+00
396+00
395+00
394+00
393+00
392+00
391+00

5475
NSIGHT
TELSERVICES

5439

5421

Construction Labor units this page:

Directional Bore:	743'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 743'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_340

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 114

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2

2

5484
ARROW
CONCRETE

N

See Sheet 116

See Sheet 114

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Install:
30"x48"x36" Handhole

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

Right Shoulder Closed to CTH U

GLENDALE AVE

PARKING LOT

R/W
FO
S
RWM

405+00
404+00
403+00
402+00
401+00
400+00
399+00
398+00

Construction Labor units this page:

Directional Bore:	738'	Handhole Installation:	1	Store cable expansion in handhole:	100'
Plow:	0'	Place 432 FOC in duct:	738'	Place 216 FOC in duct:	0'

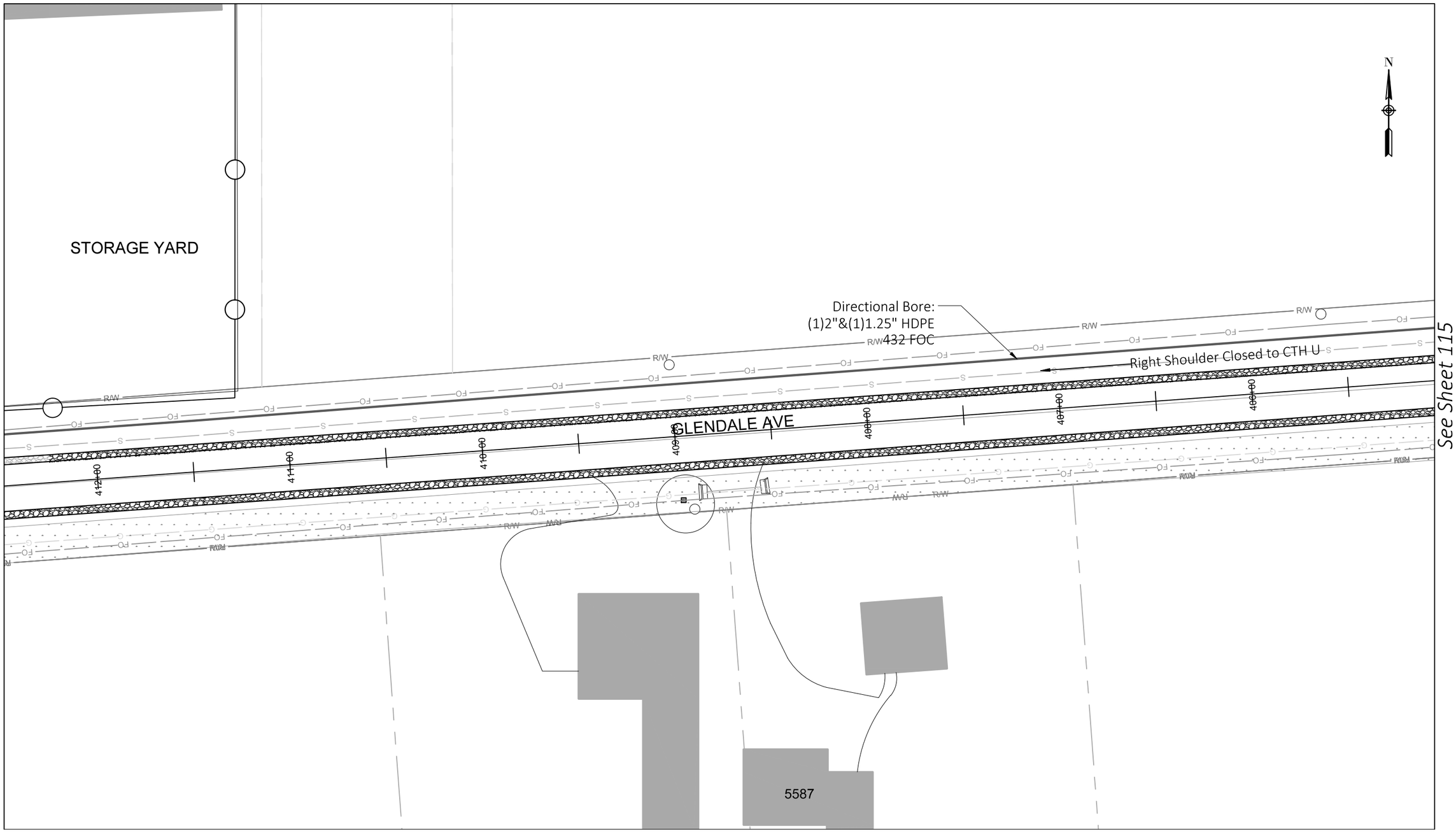
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_341

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 115

PLOT DATE : 1/21/2020 1:04 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

2



Construction Labor units this page:

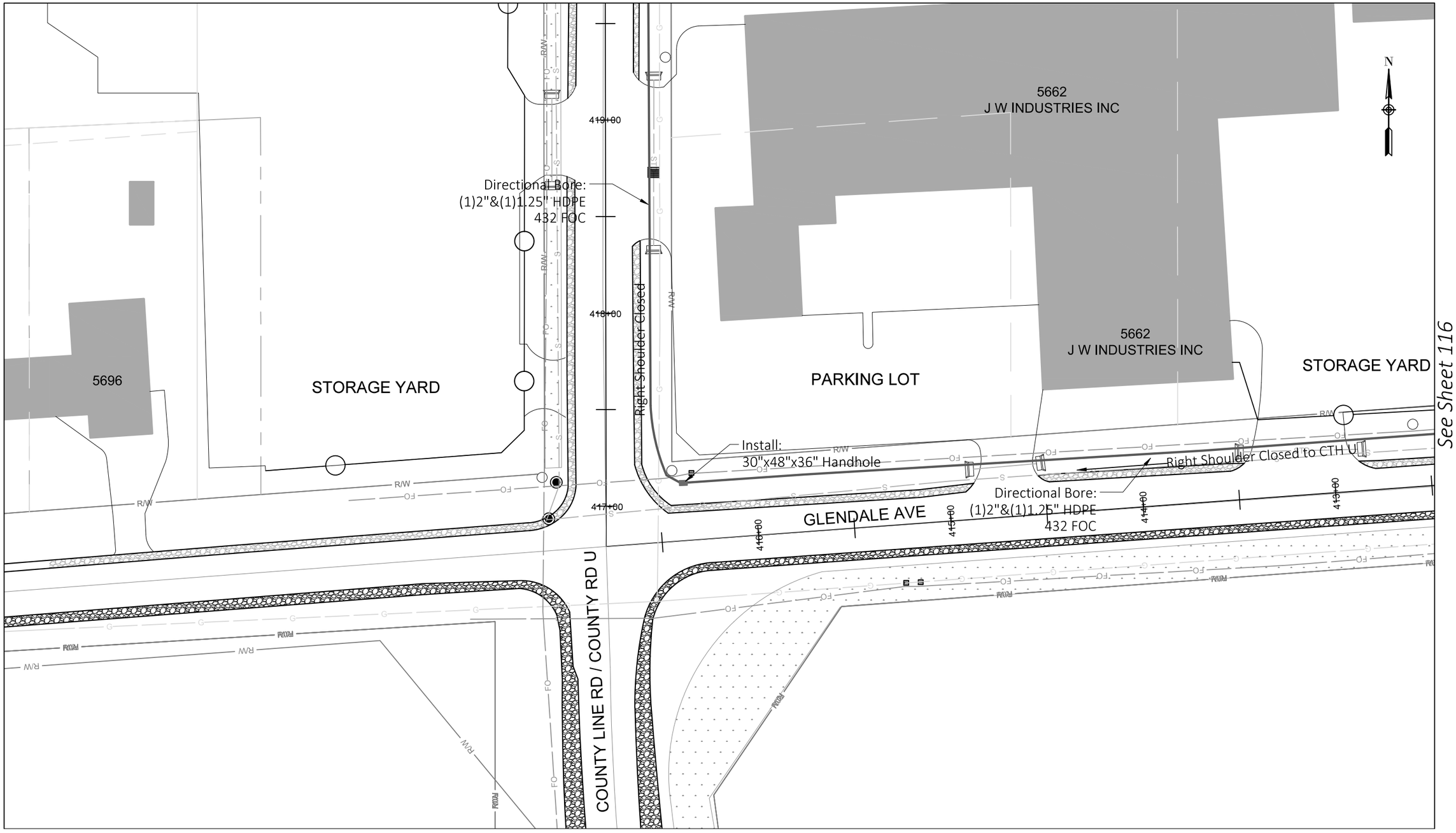
Directional Bore:	743'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 743'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET

PRE_342

E

See Sheet 118



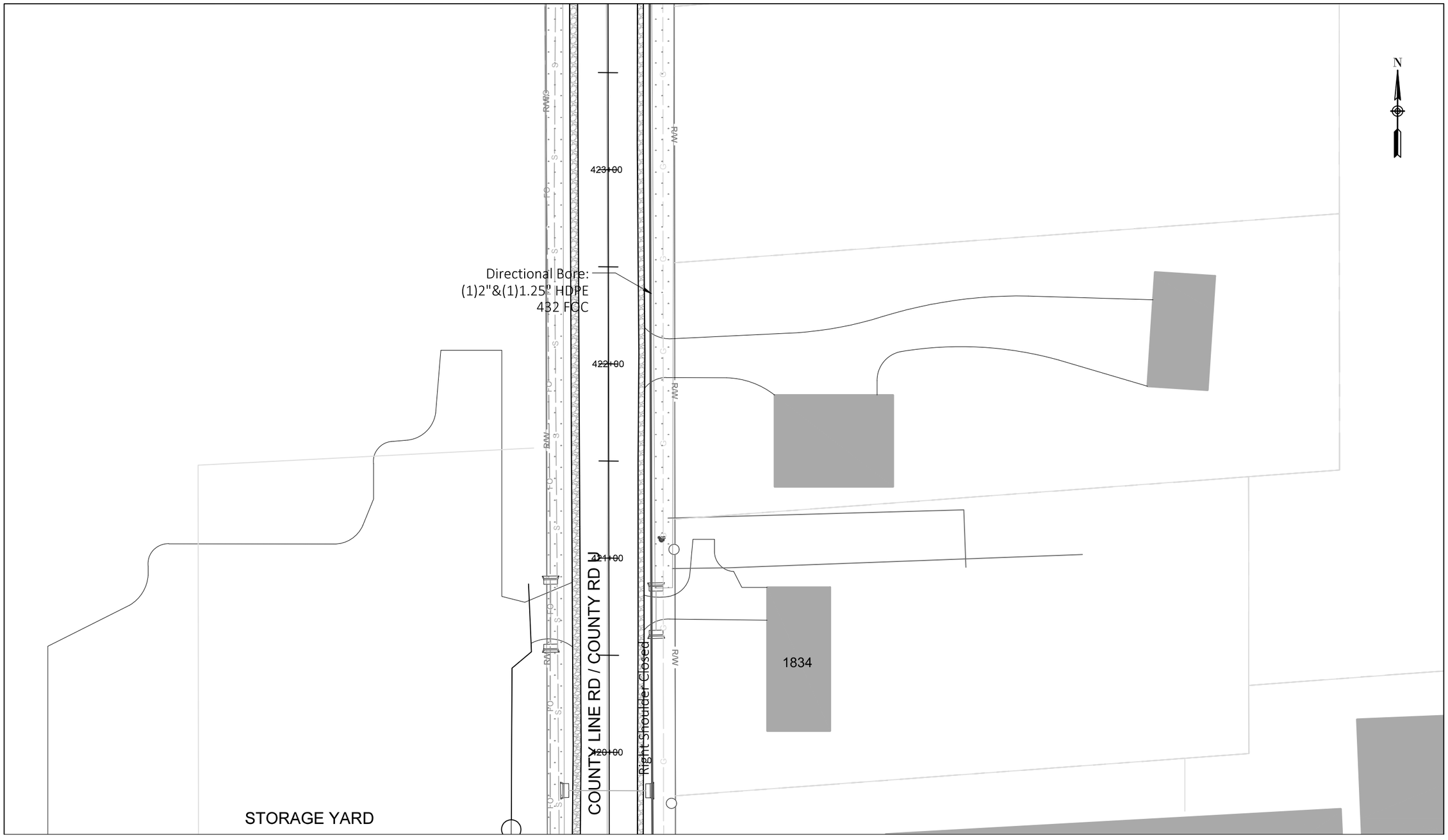
See Sheet 116

Construction Labor units this page:

Directional Bore:	643'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 643'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_343 E

See Sheet 119



See Sheet 117

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

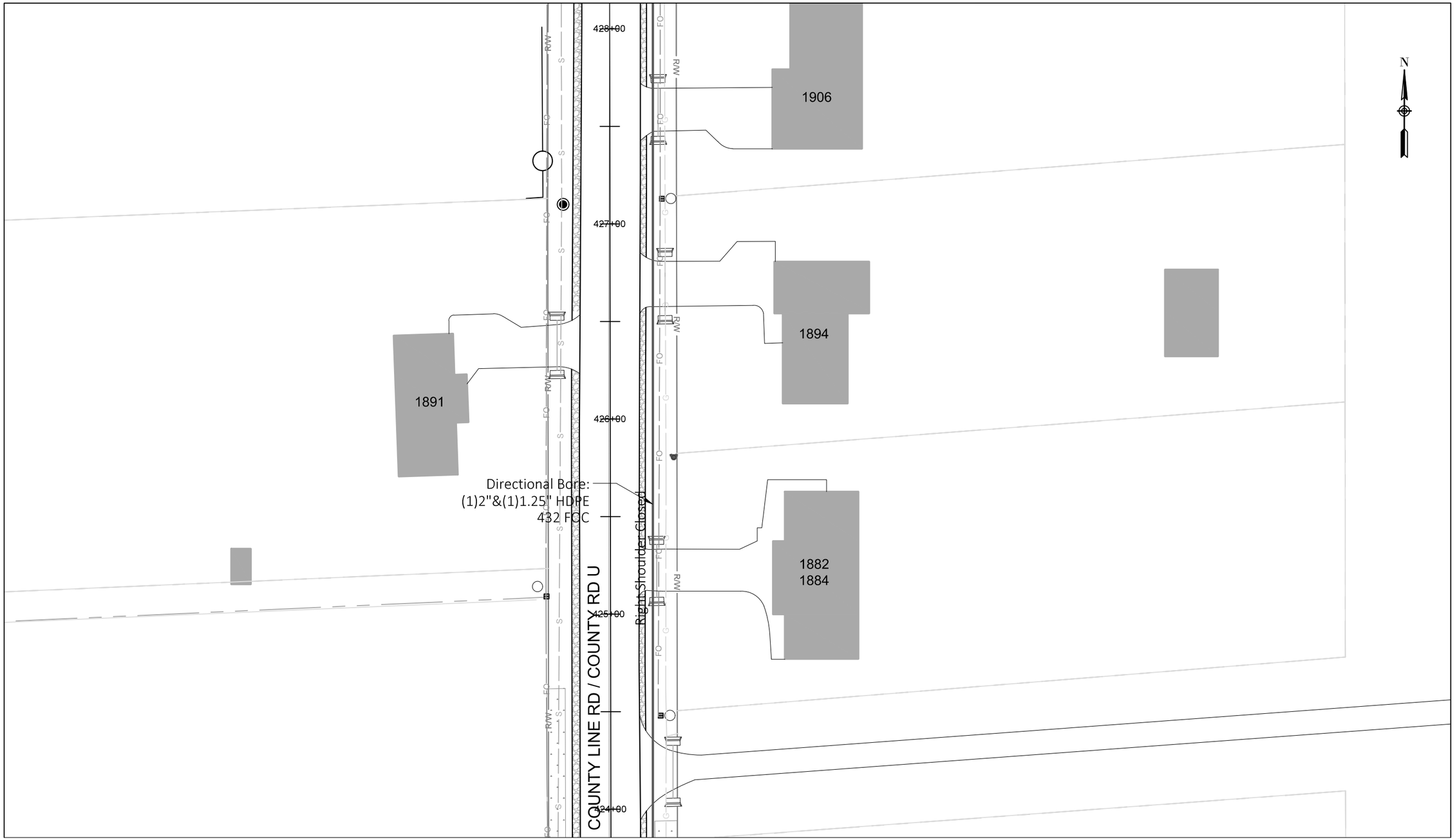
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET PRE_344 E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 118

PLOT DATE : 1/21/2020 1:05 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 120



See Sheet 118

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

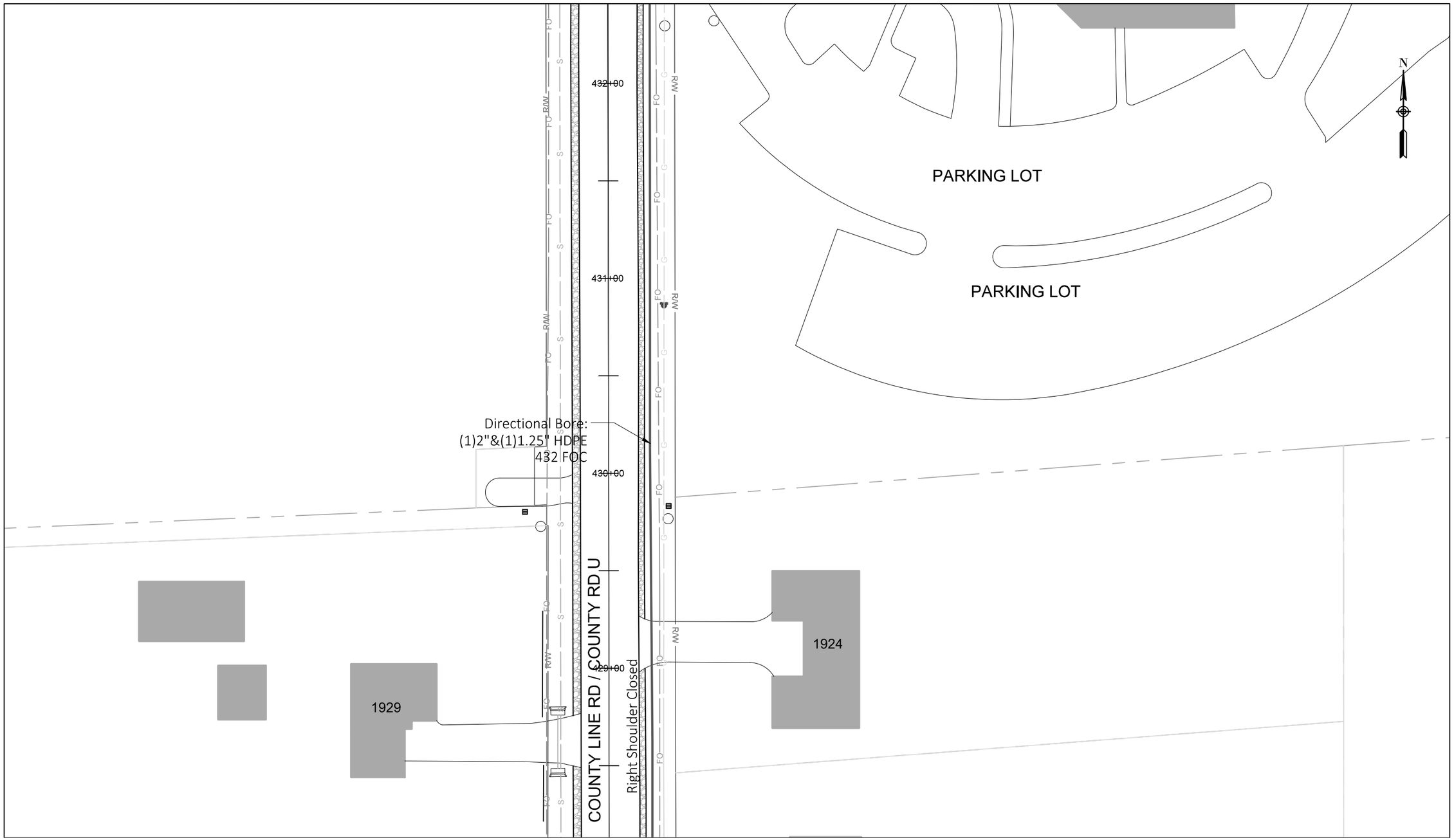
PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 119

PLOT DATE : 1/21/2020 1:05 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

See Sheet 121



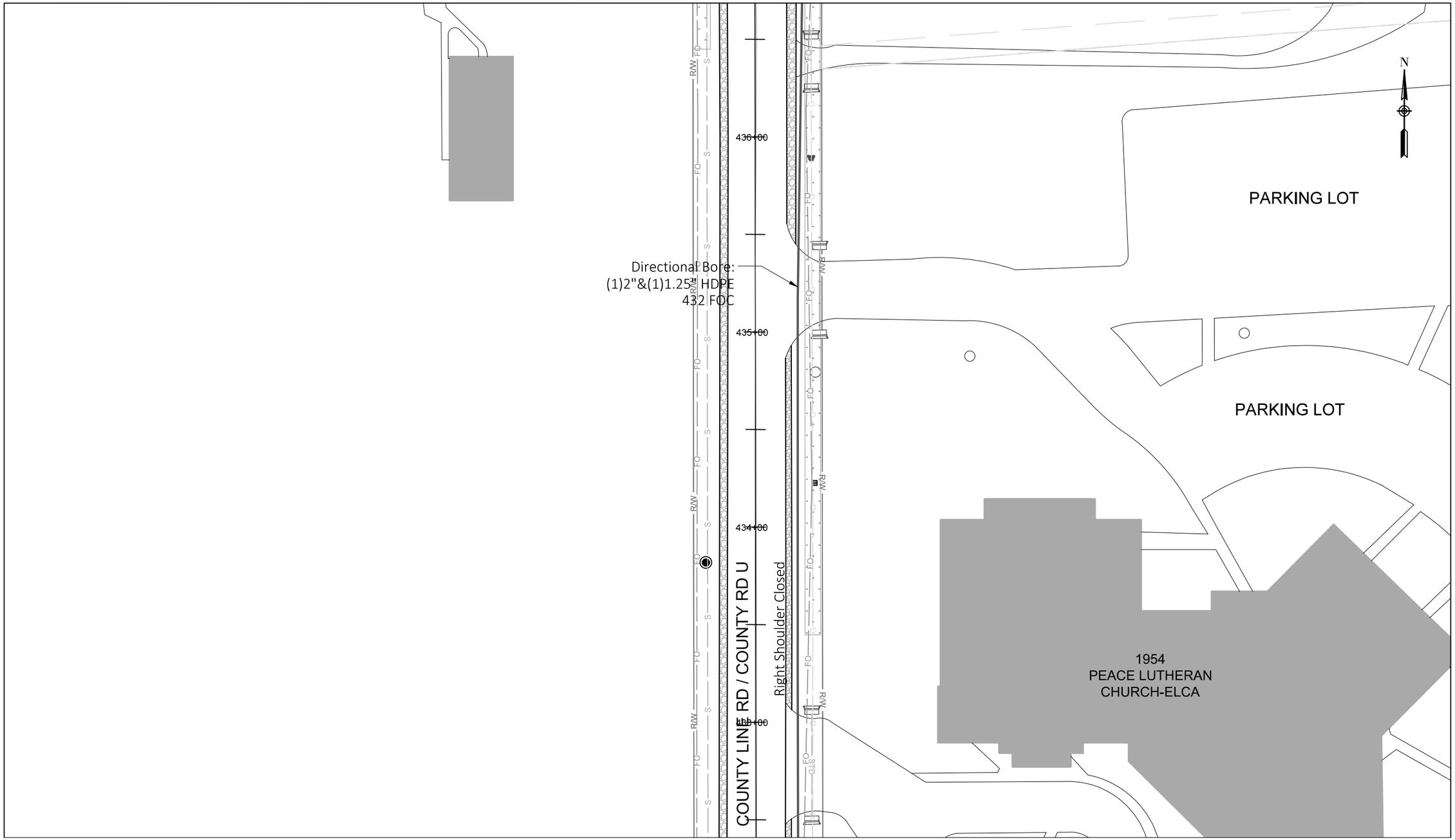
Construction Labor units this page:			
Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

See Sheet 119

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 120
PLOT DATE : 1/21/2020 1:05 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

See Sheet 122



See Sheet 120

Construction Labor units this page:

Directional Bore:	427'	Handhole Installation: 0	Store cable expansion in handhole: 0'
Plow:	0'	Place 432 FOC in duct: 427'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_347

122

2

2

PARKING LOT

2007
LANNOYE
ELEMENTARY SCHOOL

PLAYGROUND

PARKING LOT

2007
LANNOYE
ELEMENTARY SCHOOL

PARKING LOT

COUNTY LINE RD / COUNTY RD U

Right Shoulder Closed

2020

2012

Install:
30"x48"x36" Handhole
1998

437+00

Directional Bore:
(1)2"&(1)1.25" HDPE
432 FOC

N

See Sheet 121

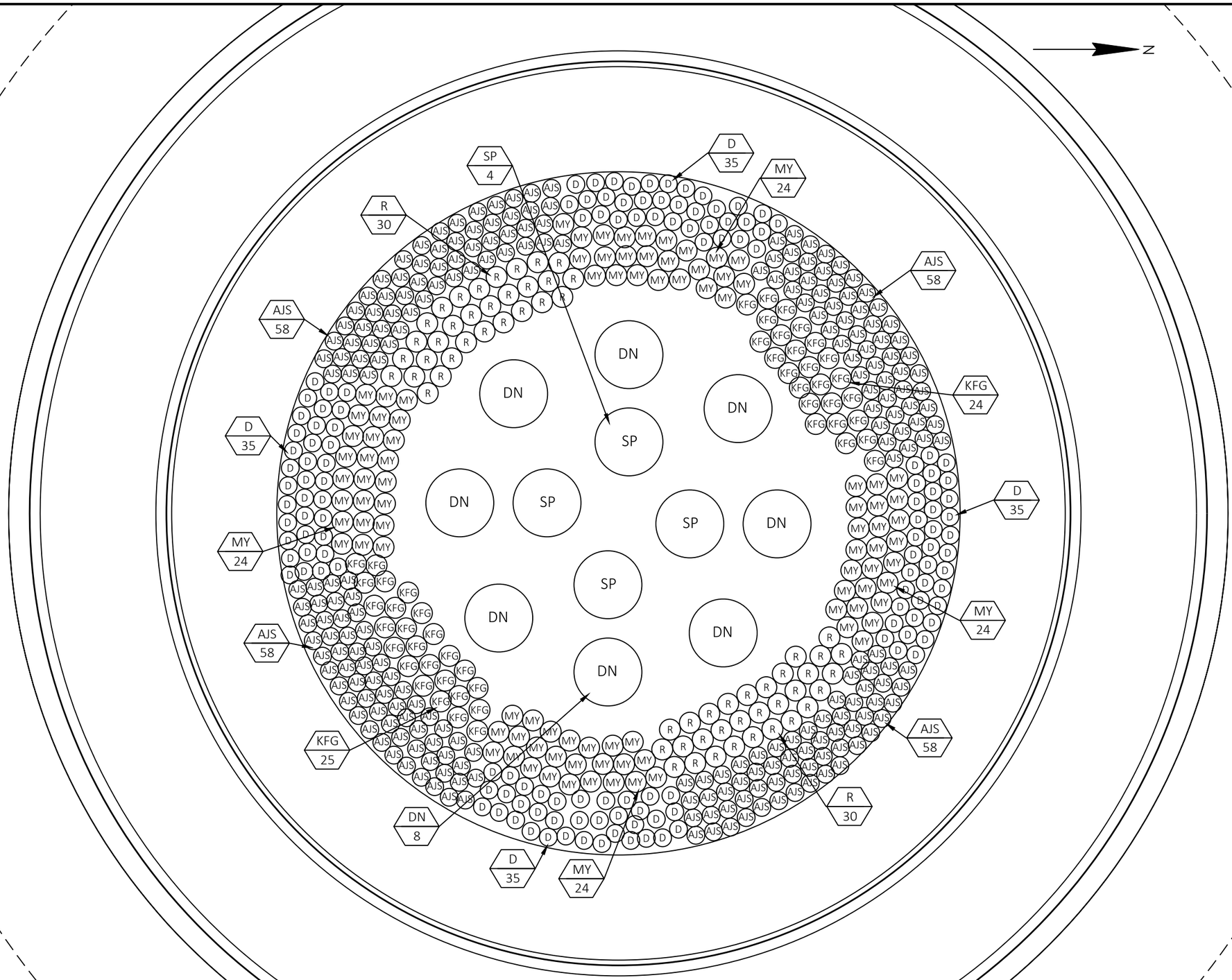
Construction Labor units this page:

Directional Bore:	34'	Handhole Installation: 1	Store cable expansion in handhole: 100'
Plow:	0'	Place 432 FOC in duct: 34'	Place 216 FOC in duct: 0'

PROJECT NO: 9200-10-72	HWY: STH 29	COUNTY: BROWN	BROADBAND FIBER PLAN	SHEET E

PRE_348

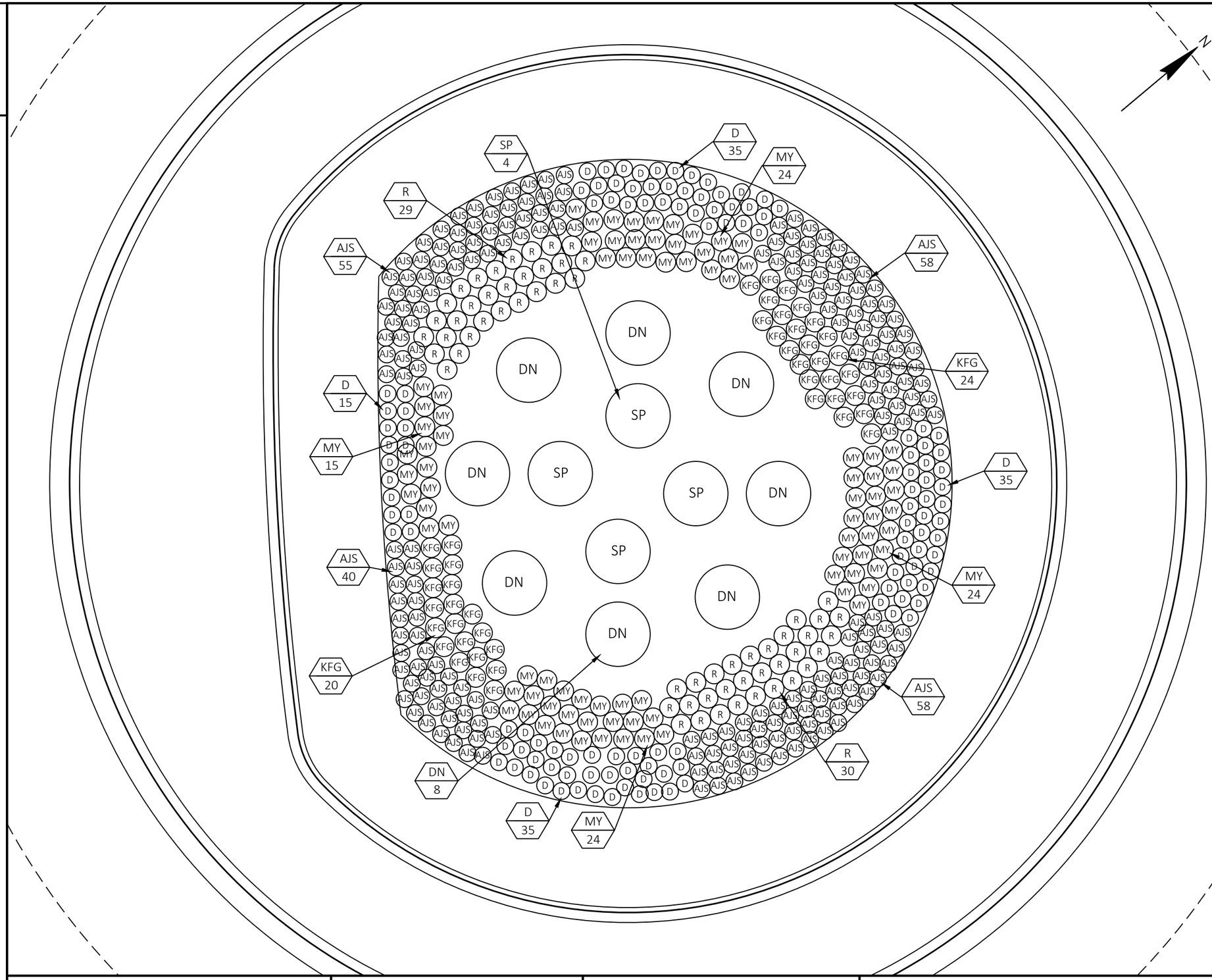
FILE NAME : Z:\1-MCAE PROJECTS\B\BROWN COUNTY\CTH VV CONNECTION\DRAWINGS\CTH VV INTERCHANGE DRAWING.DWG
LAYOUT NAME - 122
PLOT DATE : 1/21/2020 1:05 PM PLOT BY : DAN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



PLANT LIST

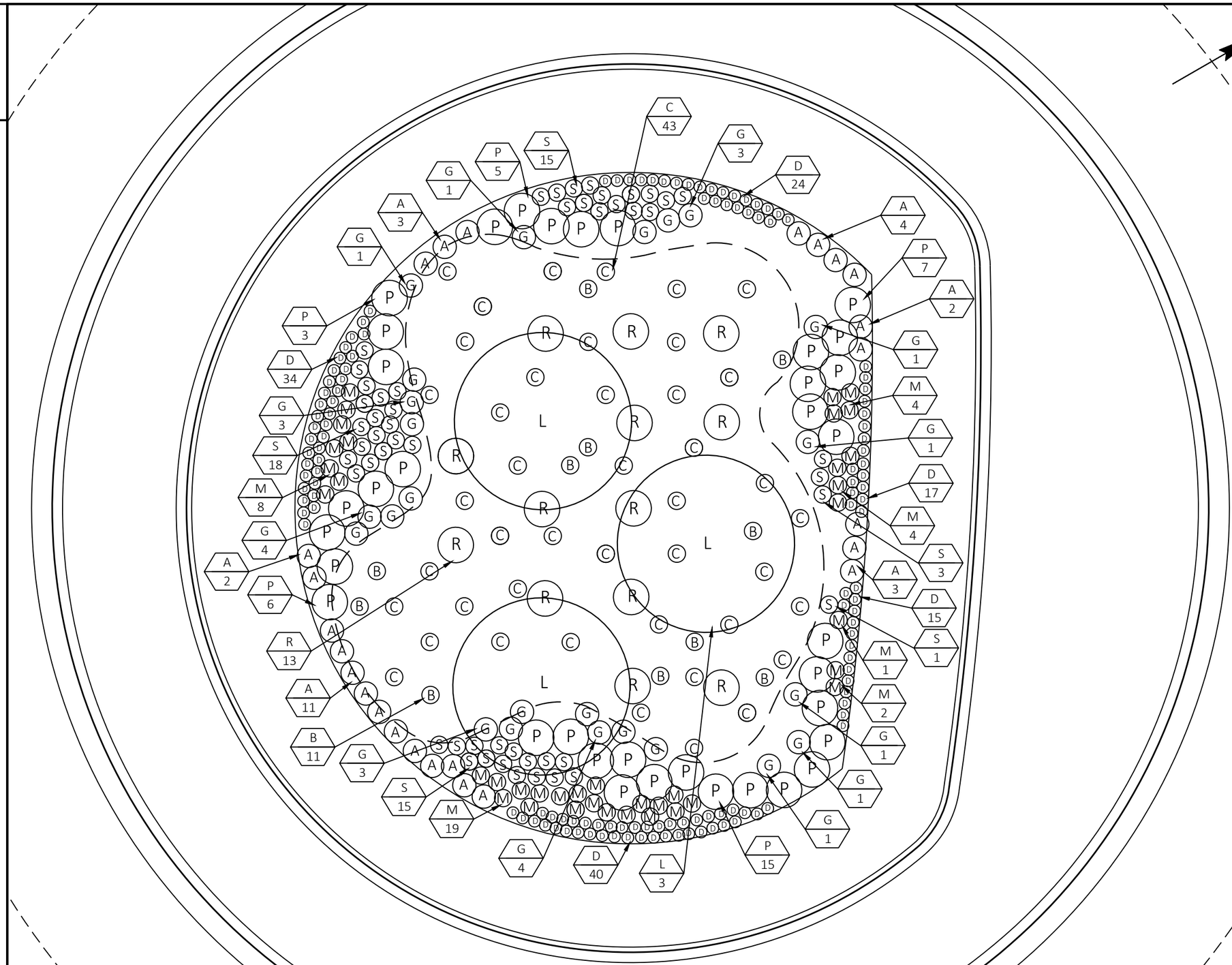
Symbol	Common Name	Quantity on sheet
SMALL TREES		
L	IVORY SILK LILAC (TRESS, SYRINGA RETICULATA)	
SP	SPARTAN JUNIPER (TREES, JUNIPERUS CHINENSIS 'SPARTAN')	4
SHRUBS, GRASSES, & PERENNIALS		
P	ABBOTSWOOD POTENTILLA (SHRUBS, POTENTILLA FRUTICOAS)	
R	RUSSIAN SAGE, LONGIN (PERENNIAL, PEROVSKIA ATRIPLICIFOLIA)	60
A	PROFESSOR KIPPENBEG ASTER (PERENNIAL, ASTER NOVAE - ANGLIAE)	
G	PURPLE GAS PLANT (PERENNIAL, DICATMNUS ALBUS)	
B	BUTTERFLY FLOWER (PERENNIAL, ASCLEPIAS TUBEROSA)	
C	'BRAVADO' CONEFLOWER (PERENNIAL, ECHINACEA PURPUREA)	
M	'FIREBALL' MONARDA (PERENNIAL, MONARDA DIDYMA)	
S	'AUTUMN FIRE' SEDUM (PERENNIAL, SEDUM X)	
D	'STELLA D'ORO' DAYLILLY (PERENNIAL, HEMROCALIS)	140
DN	DIABOLO NINEBARK (SHRUBS, PHYSOCARPUS OPULIFOLIUS 'MONLO')	8
KFG	KARL FOERSTER FEATHER REED GRASS (GRASSES, CALAMAGROSTIS X ACUTIFLORA)	49
AJS	AUTUMN JOY SEDUM (PERENNIALS, SEDUM SPECTABILE)	232
MY	MOONSHINE YARROW (PERENNIALS, ACHILLEA MOONSHINE)	96

1. EXSITING SOIL IN PLANTING AREA TO BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH PLANTING MIXTURE.
2. MULCH ENTIRE PLANTING BED WITH SHREDDED MULCH TO A MAXIMUM DEPTH OF 3 INCHES. DO NOT BURY PLANT VEGETATION WITH MULCH.



PLANT LIST		
Symbol	Common Name	Quantity on sheet
SMALL TREES		
L	IVORY SILK LILAC (TRESS, SYRINGA RETICULATA)	
SP	SPARTAN JUNIPER (TREES, JUNIPERUS CHINENSIS 'SPARTAN')	4
SHRUBS, GRASSES, & PERENNIALS		
P	ABBOTSWOOD POTENTILLA (SHRUBS, POTENTILLA FRUTICOAS)	
R	RUSSIAN SAGE, LONGIN (PERENNIAL, PEROVSKIA ATRIPLICIFOLIA)	59
A	PROFESSOR KIPPENBEG ASTER (PERENNIAL, ASTER NOVAE - ANGLIAE)	
G	PURPLE GAS PLANT (PERENNIAL, DICATMNUS ALBUS)	
B	BUTTERFLY FLOWER (PERENNIAL, ASCLEPIAS TUBEROSA)	
C	'BRAVADO' CONEFLOWER (PERENNIAL, ECHINACEA PURPUREA)	
M	'FIREBALL' MONARDA (PERENNIAL, MONARDA DIDYMA)	
S	'AUTUMN FIRE' SEDUM (PERENNIAL, SEDUM X)	
D	'STELLA D'ORO' DAYLILLY (PERENNIAL, HEMROCALIS)	120
DN	DIABOLO NINEBARK (SHRUBS, PHYSOCARPUS OPULIFOLIUS 'MONLO')	8
KFG	KARL FOERSTER FEATHER REED GRASS (GRASSES, CALAMAGROSTIS X ACUTIFLORA)	44
AJS	AUTUMN JOY SEDUM (PERENNIALS, SEDUM SPECTABILE)	211
MY	MOONSHINE YARROW (PERENNIALS, ACHILLEA MOONSHINE)	87

1. EXSITING SOIL IN PLANTING AREA TO BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH PLANTING MIXTURE.
2. MULCH ENTIRE PLANTING BED WITH SHREDDED MULCH TO A MAXIMUM DEPTH OF 3 INCHES. DO NOT BURY PLANT VEGETATION WITH MULCH.

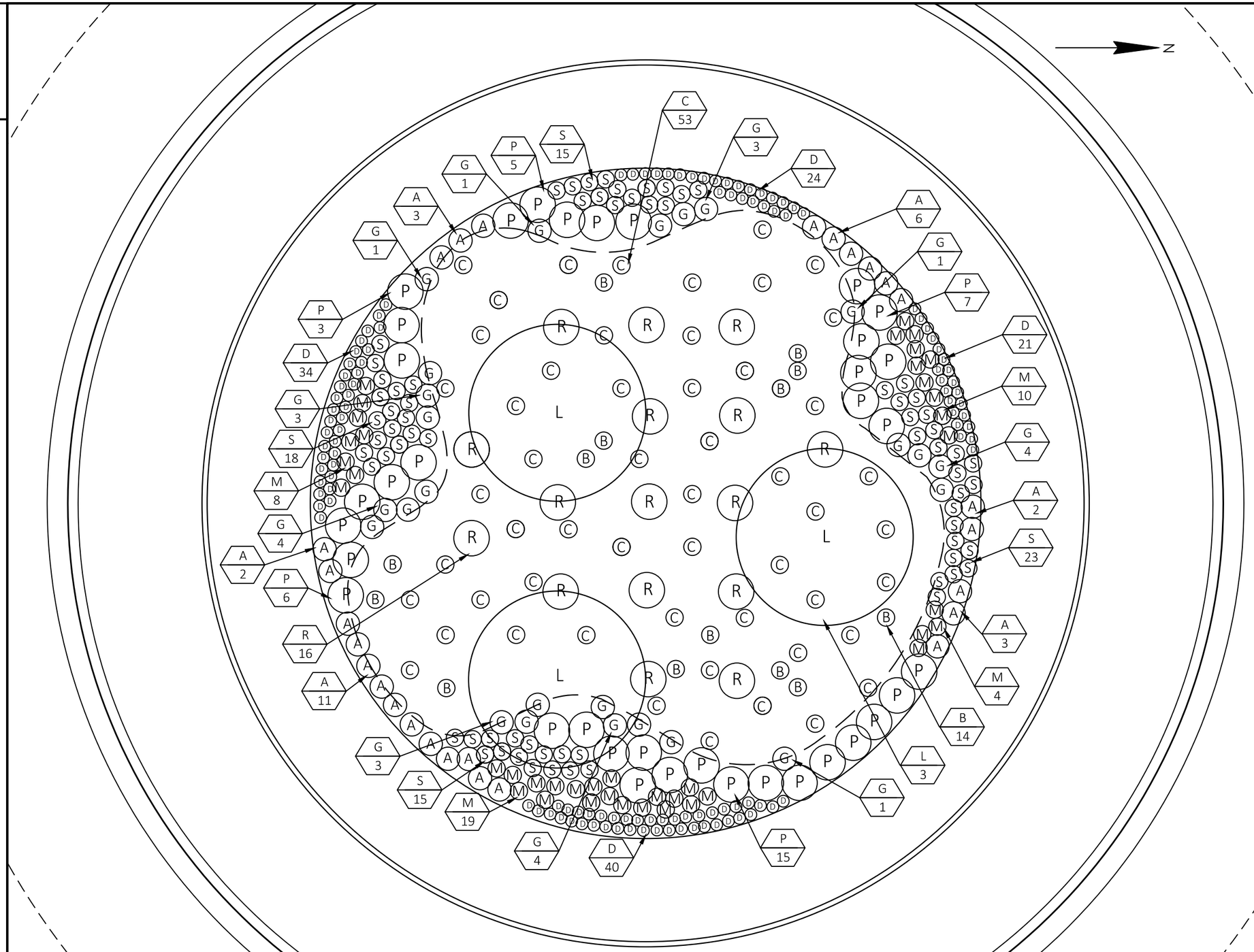


PLANT LIST

Symbol	Common Name	Quantity on sheet
SMALL TREES		
L	IVORY SILK LILAC (TRESS, SYRINGA RETICULATA)	3
SP	SPARTAN JUNIPER (TREES, JUNIPERUS CHINENSIS 'SPARTAN')	
SHRUBS, GRASSES, & PERENNIALS		
P	ABBOTSWOOD POTENTILLA (SHRUBS, POTENTILLA FRUTICOAS)	36
R	RUSSIAN SAGE, LONGIN (PERENNIAL, PEROVSKIA ATRIPLICIFOLIA)	13
A	PROFESSOR KIPPENBEG ASTER (PERENNIAL, ASTER NOVAE - ANGLIAE)	25
G	PURPLE GAS PLANT (PERENNIAL, DICATMNUS ALBUS)	24
B	BUTTERFLY FLOWER (PERENNIAL, ASCLEPIAS TUBEROSA)	11
C	'BRAVADO' CONEFLOWER (PERENNIAL, ECHINACEA PURPUREA)	43
M	'FIREBALL' MONARDA (PERENNIAL, MONARDA DIDYMA)	38
S	'AUTUMN FIRE' SEDUM (PERENNIAL, SEDUM X)	52
D	'STELLA D'ORO' DAYLILLY (PERENNIAL, HEMROCALIS)	130
DN	DIABOLO NINEBARK (SHRUBS, PHYSOCARPUS OPULIFOLIUS 'MONLO')	
KFG	KARL FOERSTER FEATHER REED GRASS (GRASSES, CALAMAGROSTIS X ACUTIFLORA)	
AJS	AUTUMN JOY SEDUM (PERENNIALS, SEDUM SPECTABILE)	
MY	MOONSHINE YARROW (PERENNIALS, ACHILLEA MOONSHINE)	

1. EXSITING SOIL IN PLANTING AREA TO BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH PLANTING MIXTURE.
2. MULCH ENTIRE PLANTING BED WITH SHREDDED MULCH TO A MAXIMUM DEPTH OF 3 INCHES. DO NOT BURY PLANT VEGETATION WITH MULCH.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLANTING	SHEET E



PLANT LIST

Symbol	Common Name	Quantity on sheet
SMALL TREES		
L	IVORY SILK LILAC (TRESS, SYRINGA RETICULATA)	3
SP	SPARTAN JUNIPER (TREES, JUNIPERUS CHINENSIS 'SPARTAN')	
SHRUBS, GRASSES, & PERENNIALS		
P	ABBOTSWOOD POTENTILLA (SHRUBS, POTENTILLA FRUTICOAS)	36
R	RUSSIAN SAGE, LONGIN (PERENNIAL, PEROVSKIA ATRIPLICIFOLIA)	16
A	PROFESSOR KIPPENBEG ASTER (PERENNIAL, ASTER NOVAE - ANGLIAE)	27
G	PURPLE GAS PLANT (PERENNIAL, DICATMNUS ALBUS)	25
B	BUTTERFLY FLOWER (PERENNIAL, ASCLEPIAS TUBEROSA)	14
C	'BRAVADO' CONEFLOWER (PERENNIAL, ECHINACEA PURPUREA)	53
M	'FIREBALL' MONARDA (PERENNIAL, MONARDA DIDYMA)	41
S	'AUTUMN FIRE' SEDUM (PERENNIAL, SEDUM X)	71
D	'STELLA D'ORO' DAYLILLY (PERENNIAL, HEMROCALIS)	119
DN	DIABOLO NINEBARK (SHRUBS, PHYSOCARPUS OPULIFOLIUS 'MONLO')	
KFG	KARL FOERSTER FEATHER REED GRASS (GRASSES, CALAMAGROSTIS X ACUTIFLORA)	
AJS	AUTUMN JOY SEDUM (PERENNIALS, SEDUM SPECTABILE)	
MY	MOONSHINE YARROW (PERENNIALS, ACHILLEA MOONSHINE)	

1. EXSITING SOIL IN PLANTING AREA TO BE REMOVED TO A DEPTH OF 24" AND REPLACED WITH PLANTING MIXTURE.
2. MULCH ENTIRE PLANTING BED WITH SHREDDED MULCH TO A MAXIMUM DEPTH OF 3 INCHES. DO NOT BURY PLANT VEGETATION WITH MULCH.

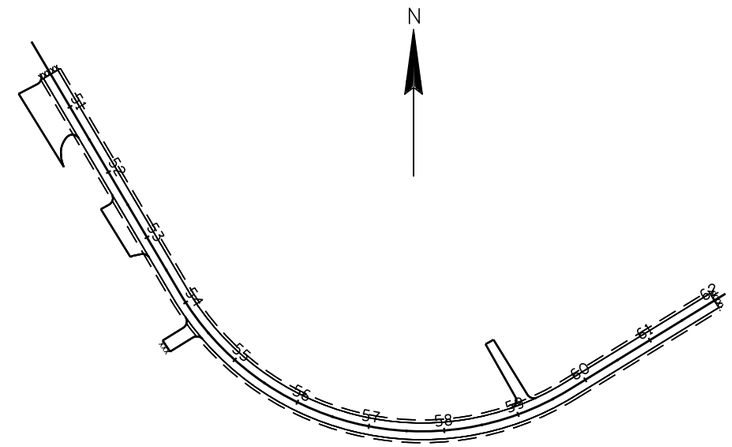
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

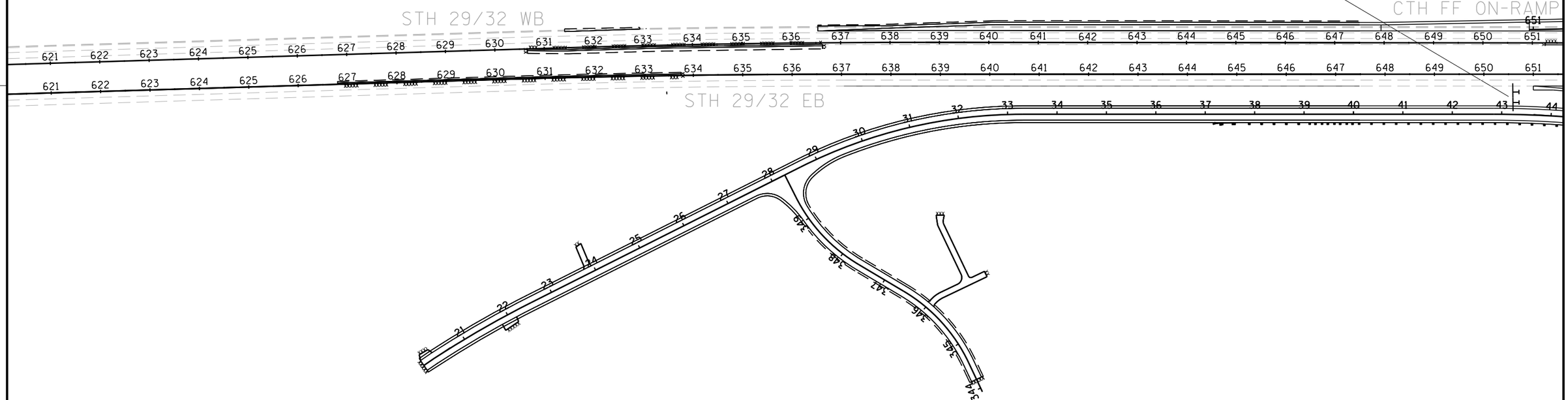
WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A MINIMUM OF 7' 3" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF SIGNS BENEATH THE YIELD SIGN.







LEGEND

- WOOD POST WITH SIGN
- SIGN-REMOVE AND REPLACE

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_353

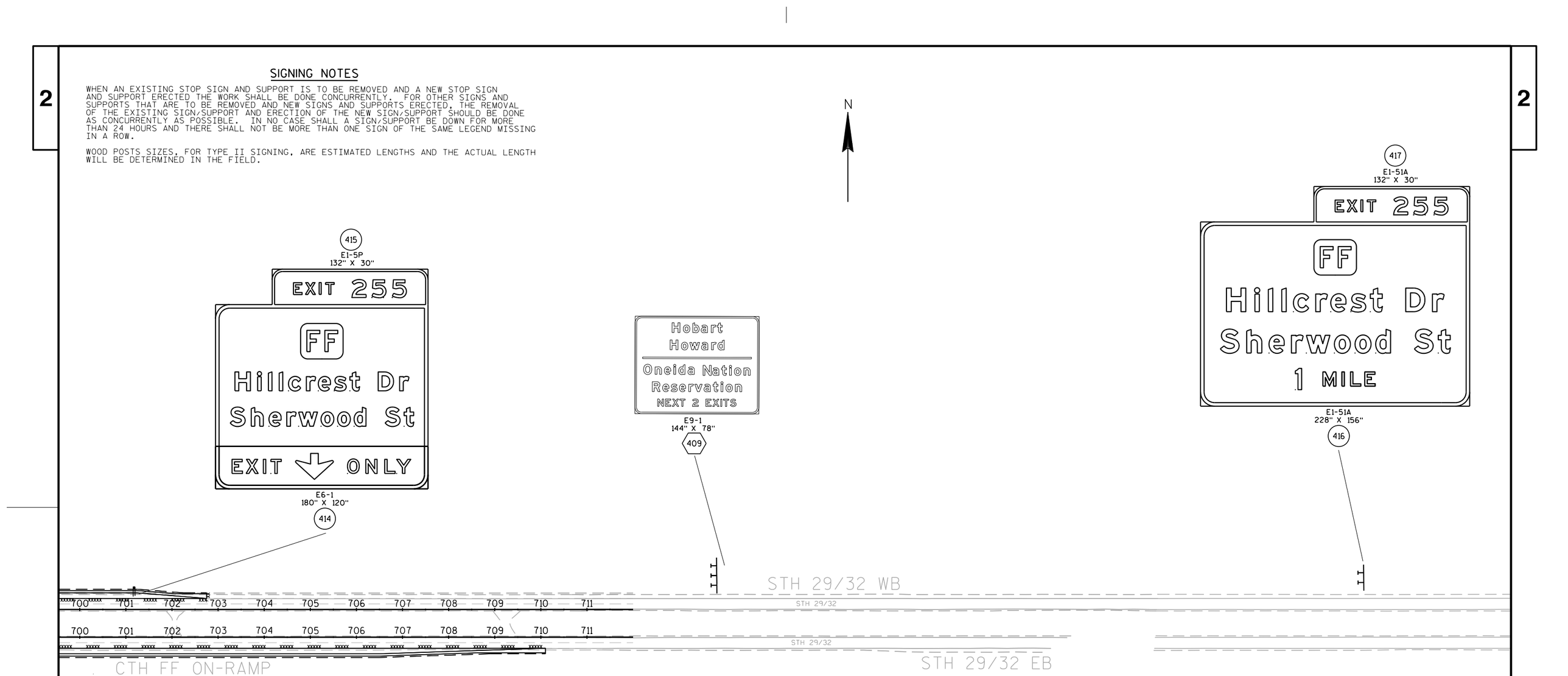
FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023229_ps.dgn PLOT DATE : 22-JAN-2020 11:35 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE AND REPLACE

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_354

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

N

1 MILE 251 D10-3

2 MILE 251 D10-3

3 SPEED LIMIT 65 R2-1

4 JCT COUNTY U J1-1

5 JCT COUNTY U J1-1

6 Kunesh D1-1

7 Sanger B Powers Correctional Center D1-3

8 WEST NORTH 29 32 J4-2

9 NORTH COUNTY U J3-1

10 WRONG WAY R5-1A

11 ONE WAY R6-1L YIELD R1-2

12 ONE WAY R6-1L YIELD R1-2

13 DO NOT ENTER R5-1

14 SOUTH COUNTY U J3-1

15 DO NOT ENTER R5-1

16 ONE WAY R6-1L YIELD R1-2

17 DO NOT ENTER R5-1

18 R4-7

19 R3-2

20 Green Bay D1-1

21 W3-1

22 W1-6

23 29 32 J13-2

24 ONE WAY R6-1R STOP R1-1

25 ONE WAY R6-1R STOP R1-1

26 R4-7

27 R3-2

28 R4-7

29 ONE WAY R6-1R

30 NORTH COUNTY U J4-1

STH 29/32

STH 29 WB

STH 29 EB

CTH U

WALL

42"X60"CMP

18"CMP

CABC PE

LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

PRE_355

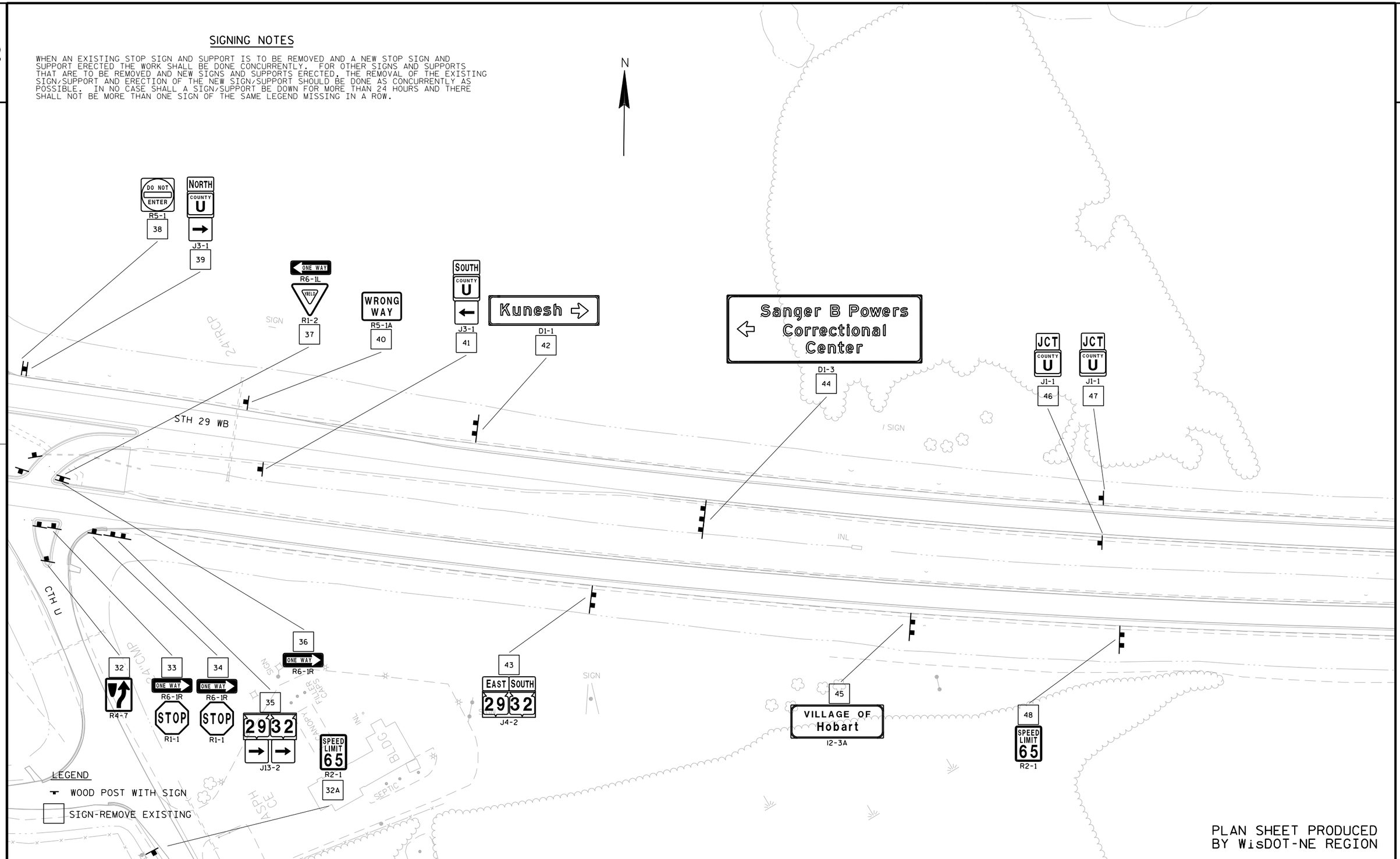
FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023201_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

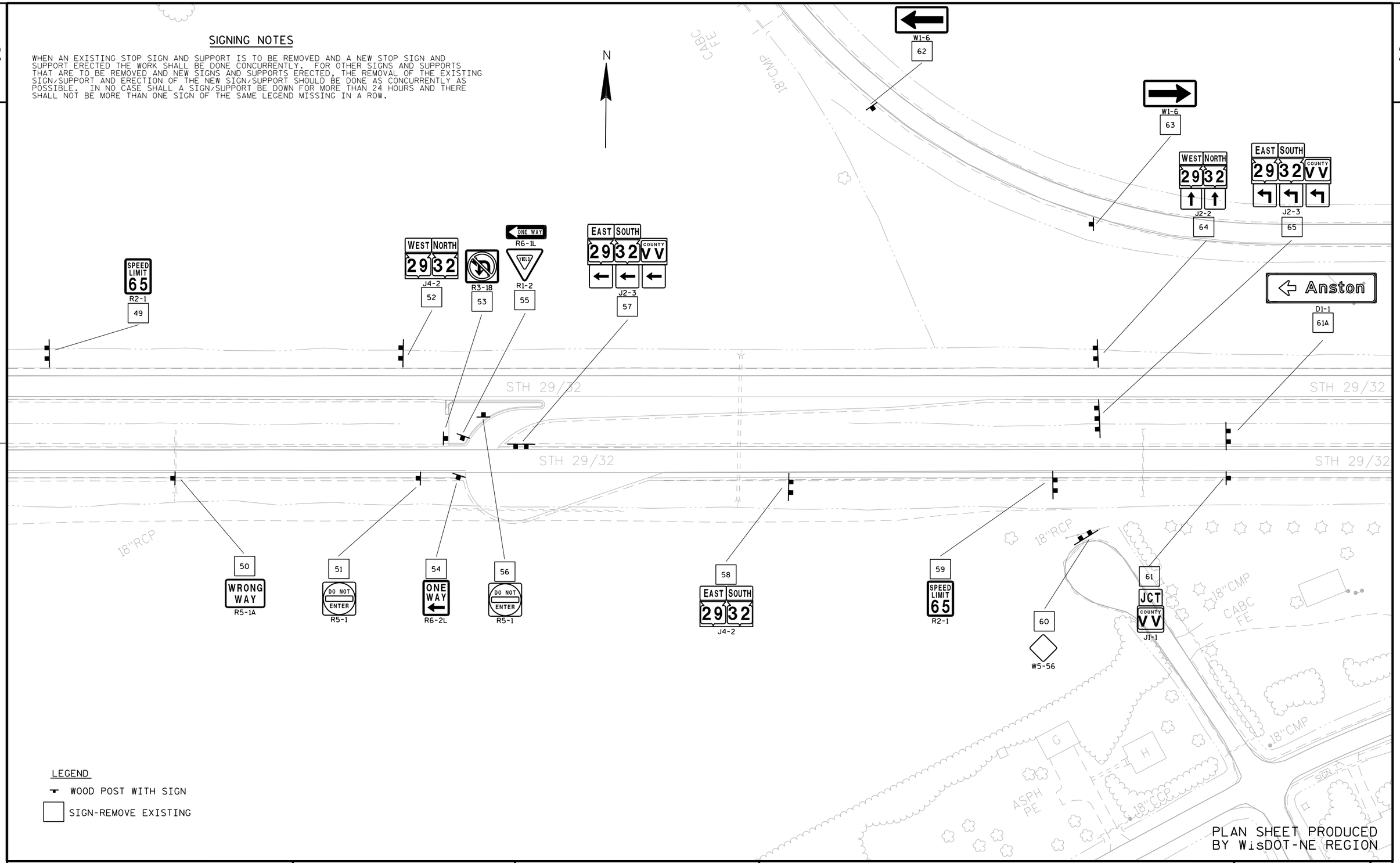
PRE_356

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023202_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY:BROWN	SIGN REMOVALS	SHEET E

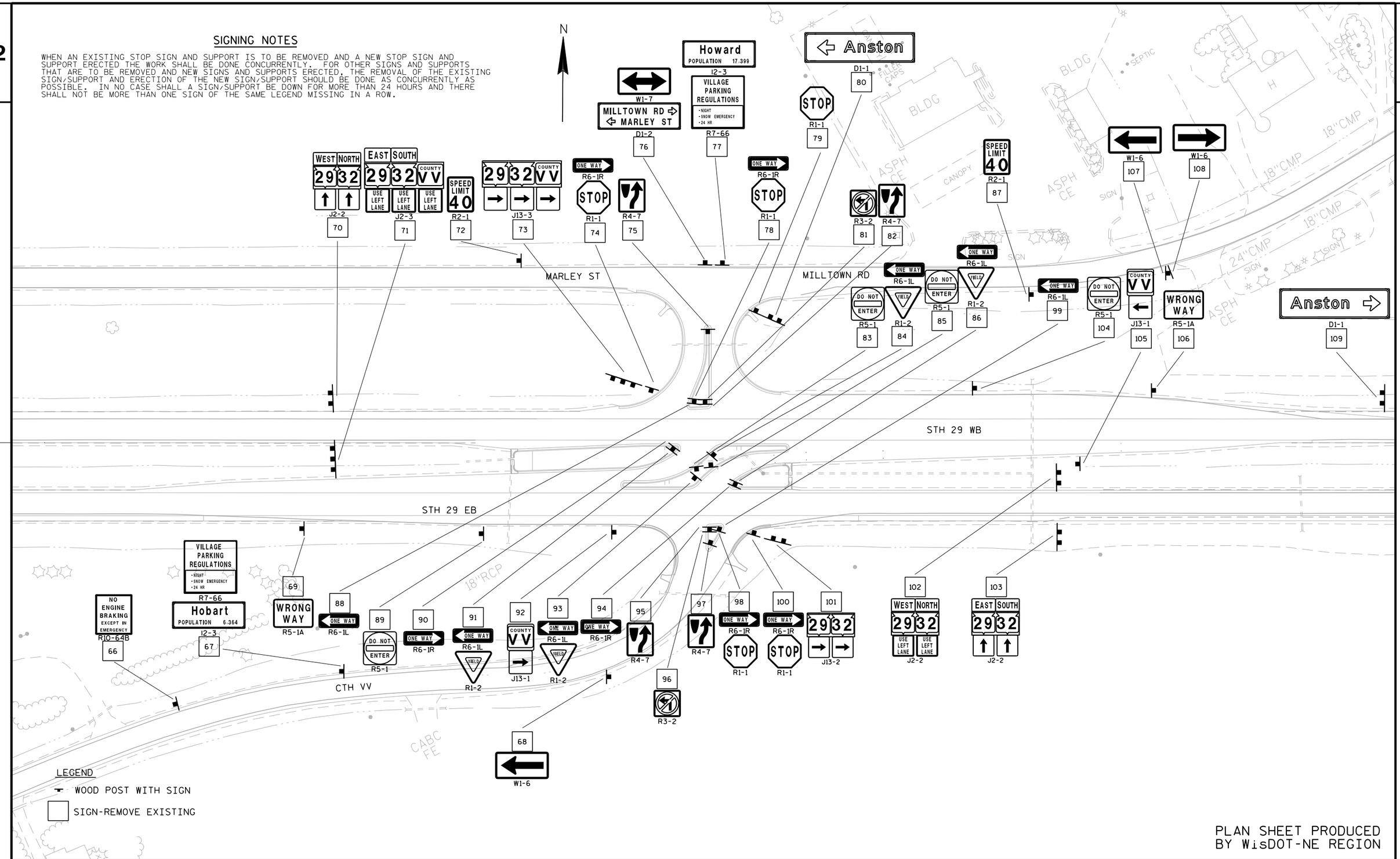
PRE_357

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023203_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

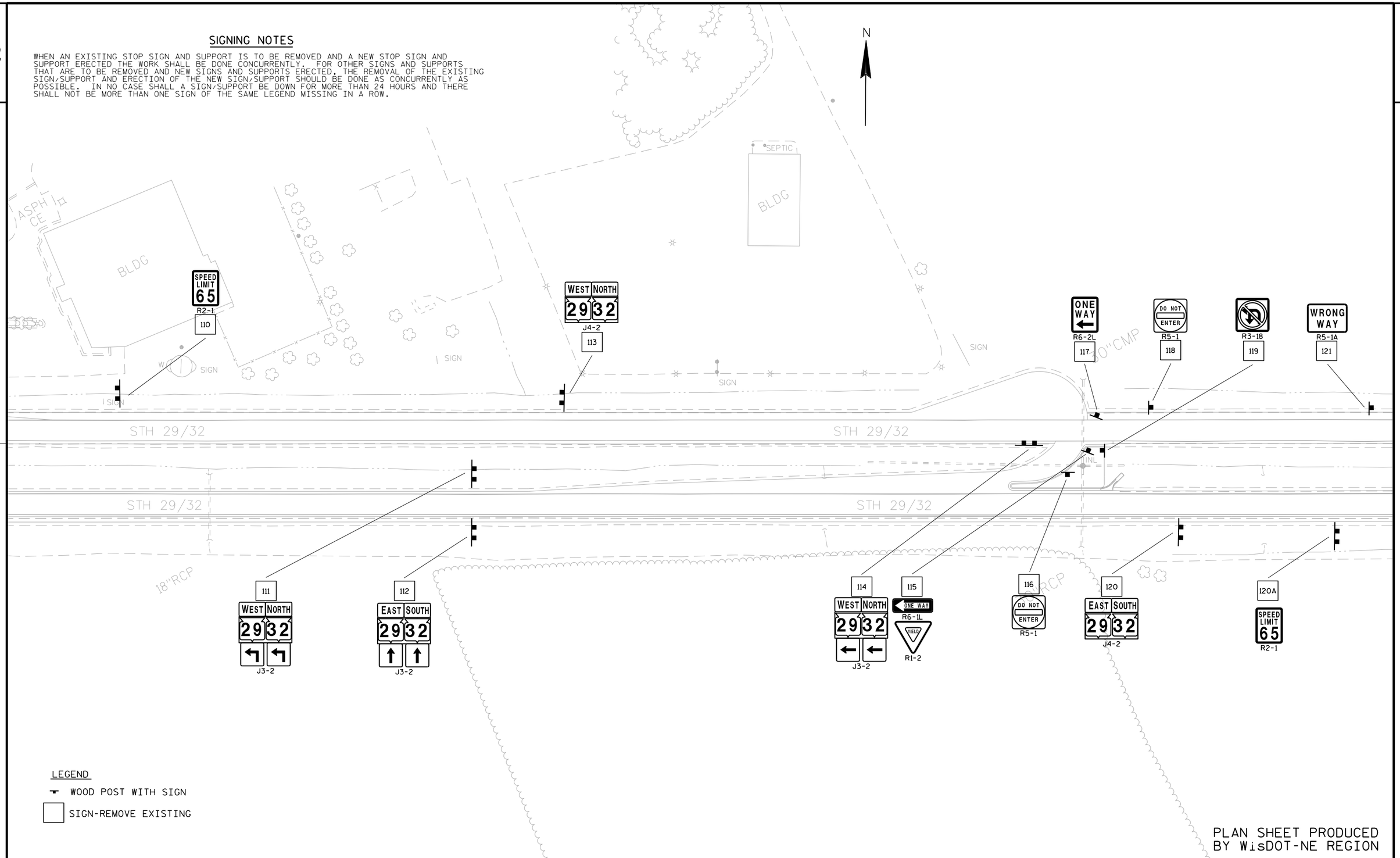
PRE_358

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023204_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

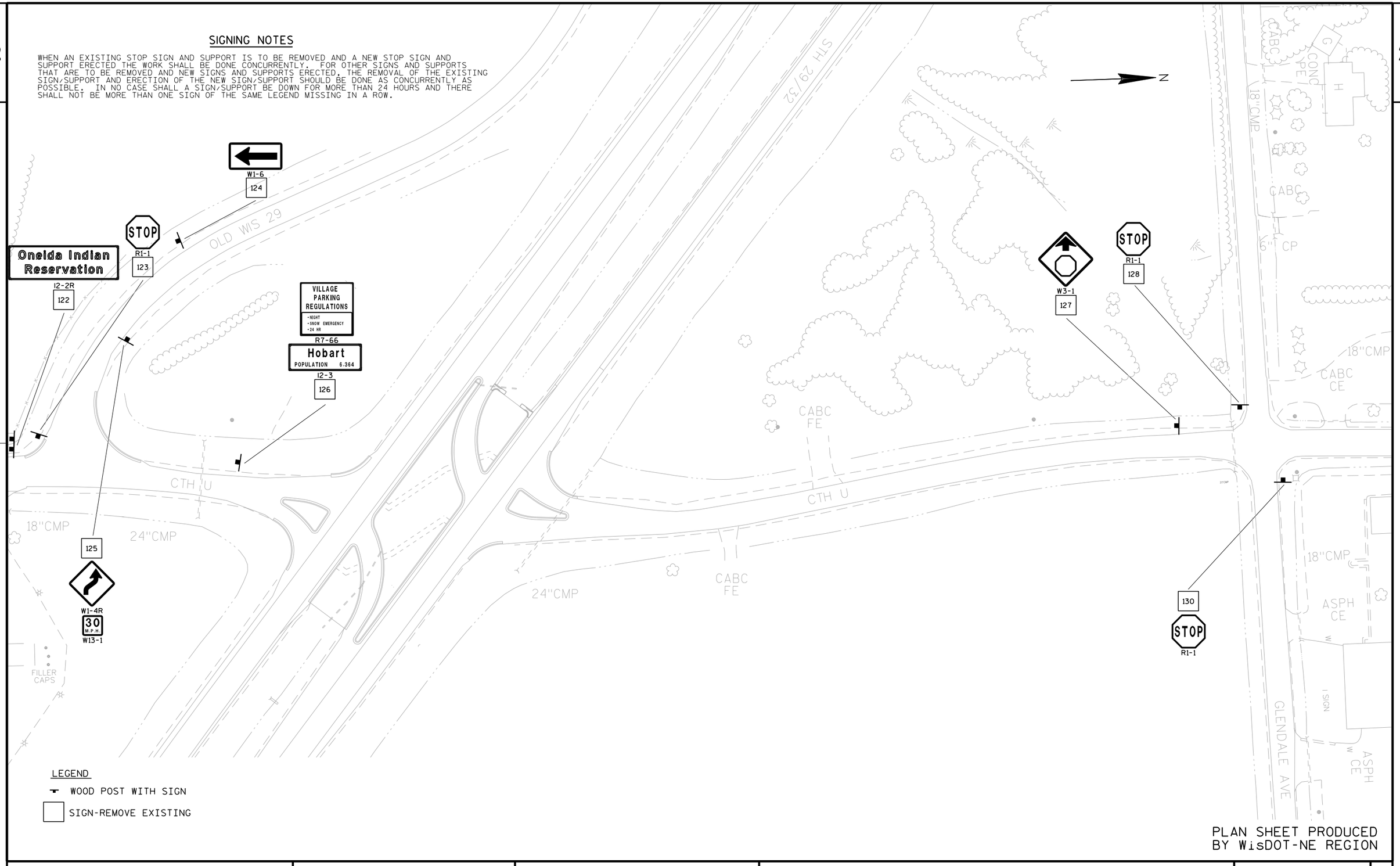
PRE_359

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023205_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

PRE_360

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023206_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

N

MILLWOOD CT

MARLEY ST

STOP
R1-1
134

DEAD END
W14-1
30" X 30"
134A

132
W1-2L

133
SPEED LIMIT 40
R2-1

18"X23"CMP
CABC FE
ASPH PE
CONC PE
18"CMP
16"X19"CMP
15"CMP
CABC PE
SEPTIC

LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

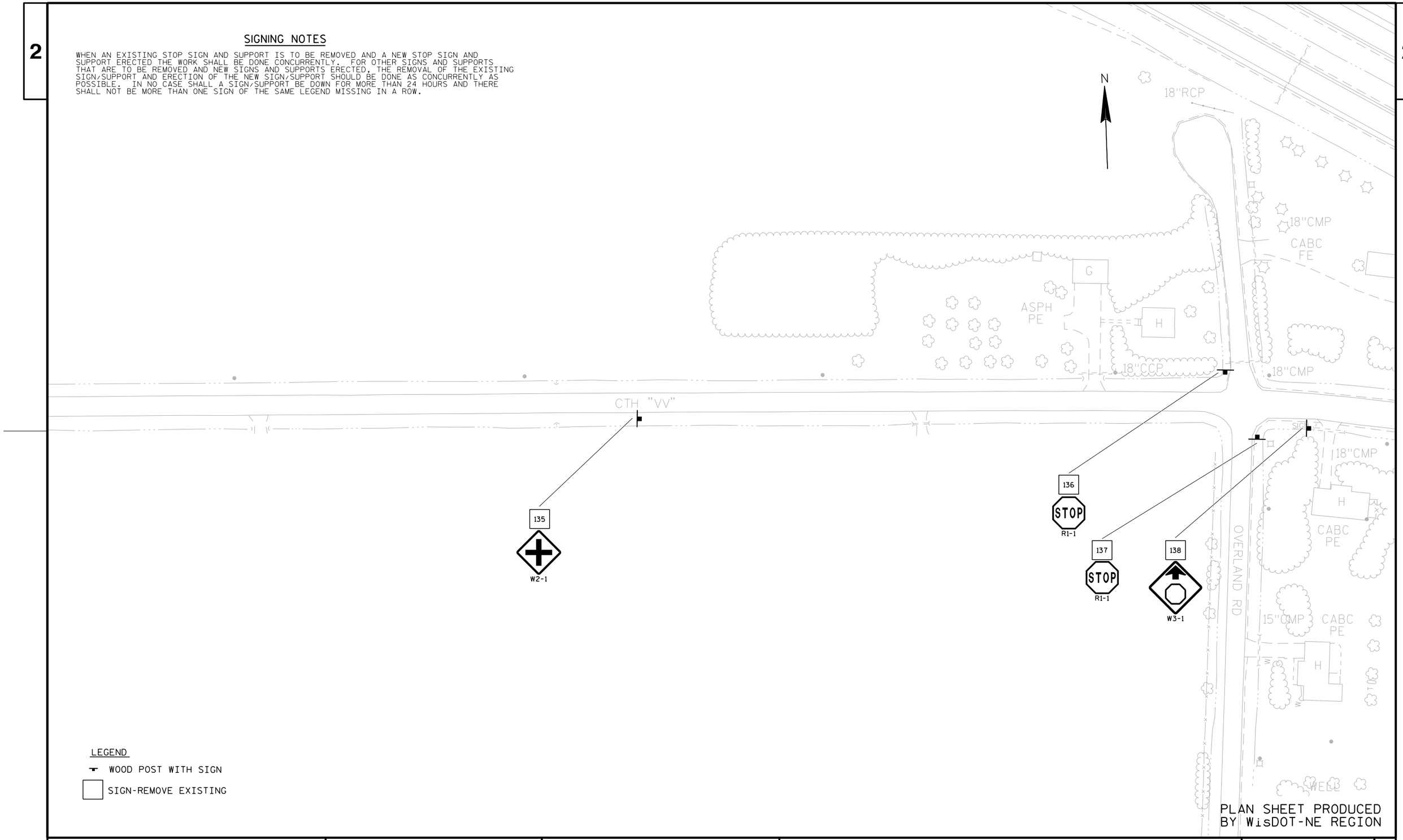
PRE_361

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023207_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

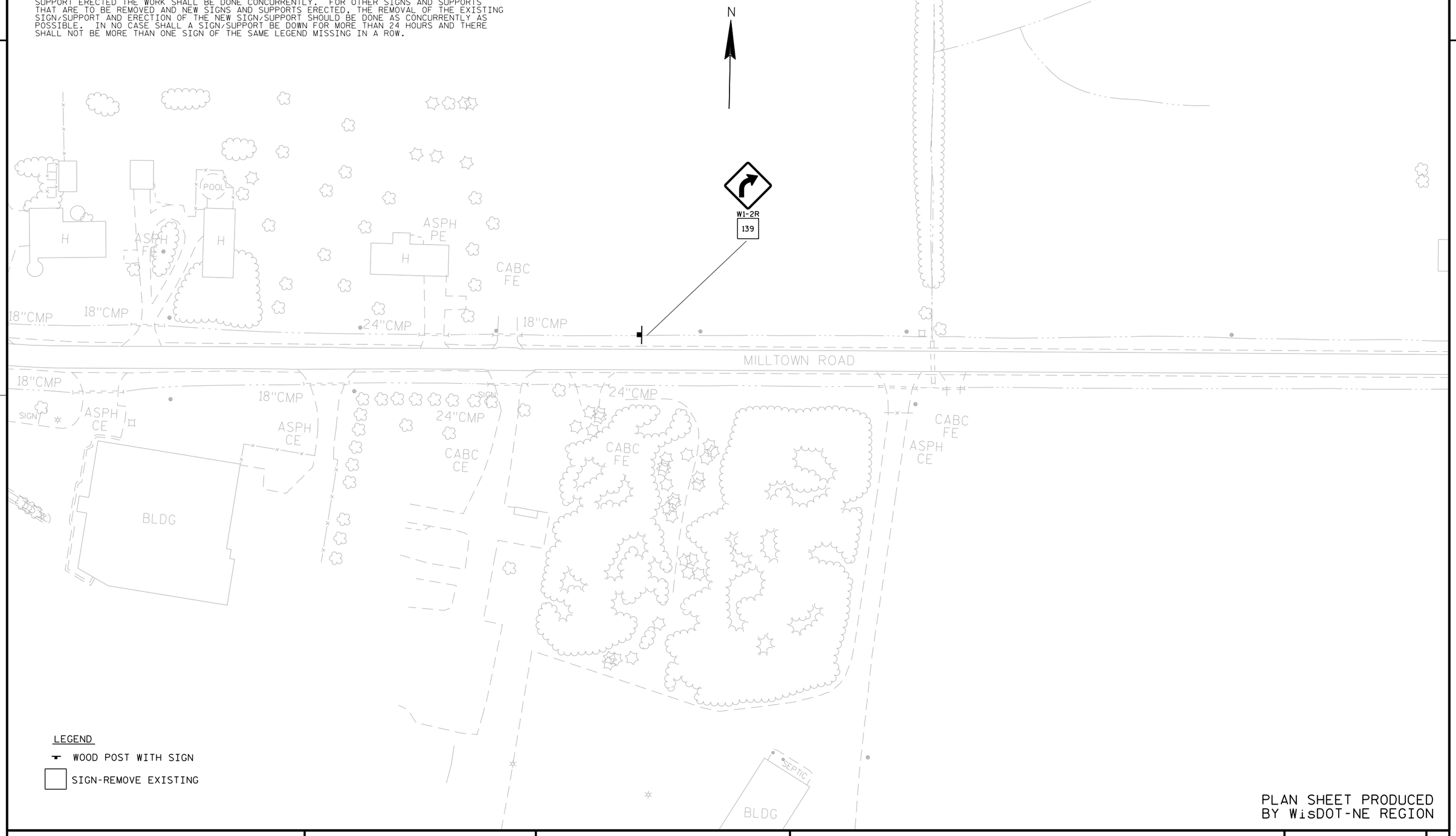
PROJECT NO:9200-10-71	HWY: STH 29	COUNTY:BROWN	SIGN REMOVALS	SHEET E

PRE_362

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023208_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.



LEGEND

WOOD POST WITH SIGN

SIGN-REMOVE EXISTING

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY: STH 29	COUNTY: BROWN	SIGN REMOVALS	SHEET E

PRE_363

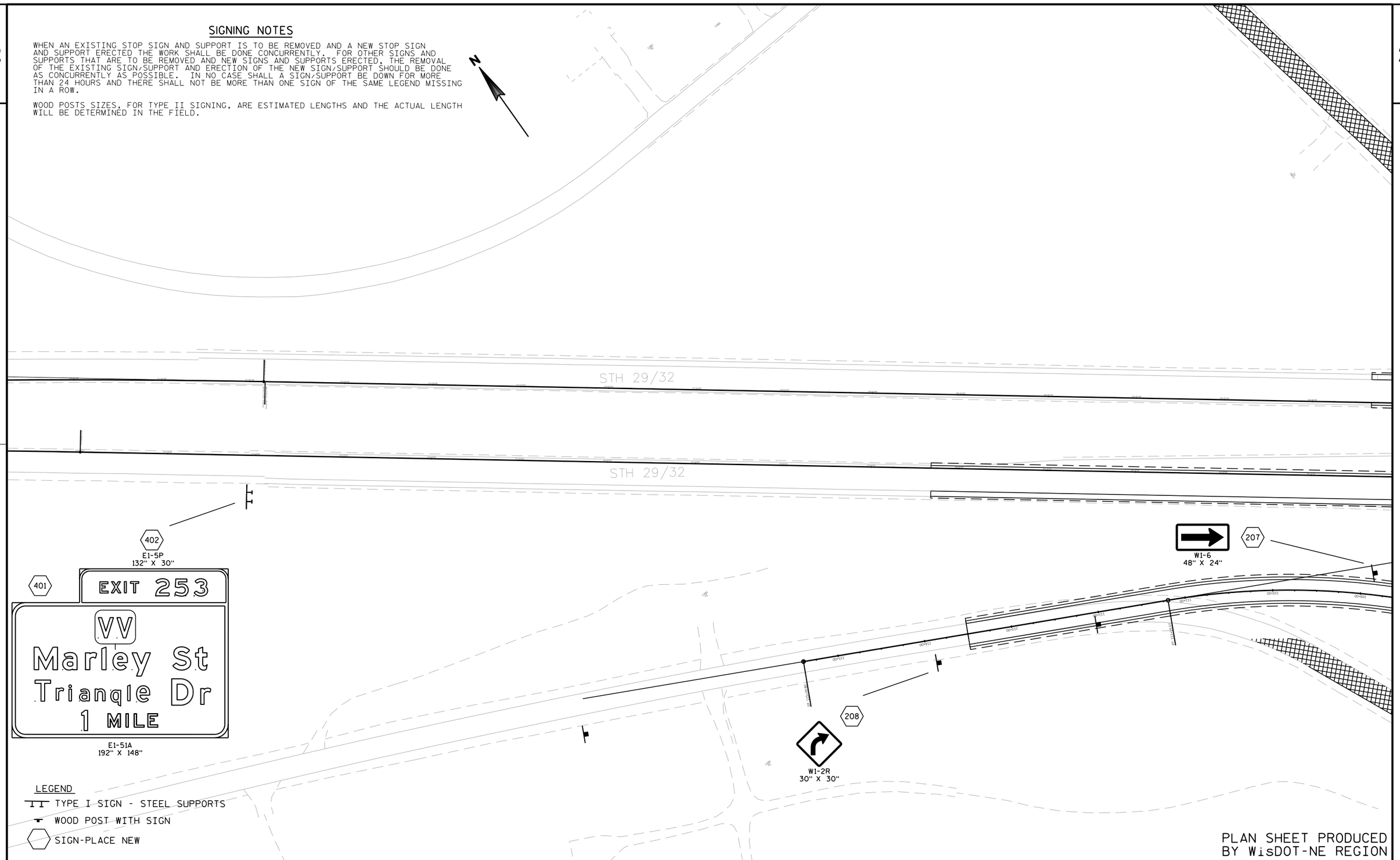
FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023209_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

- TYPE I SIGN - STEEL SUPPORTS
- WOOD POST WITH SIGN
- SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_364

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

N

DEAD END
W14-1
30" X 30"
215

STOP
R1-1
30" X 30"
216

213
W1-7
48" X 24"

LEGEND

- TYPE I SIGN - STEEL SUPPORTS
- WOOD POST WITH SIGN
- SIGN-PLACE NEW

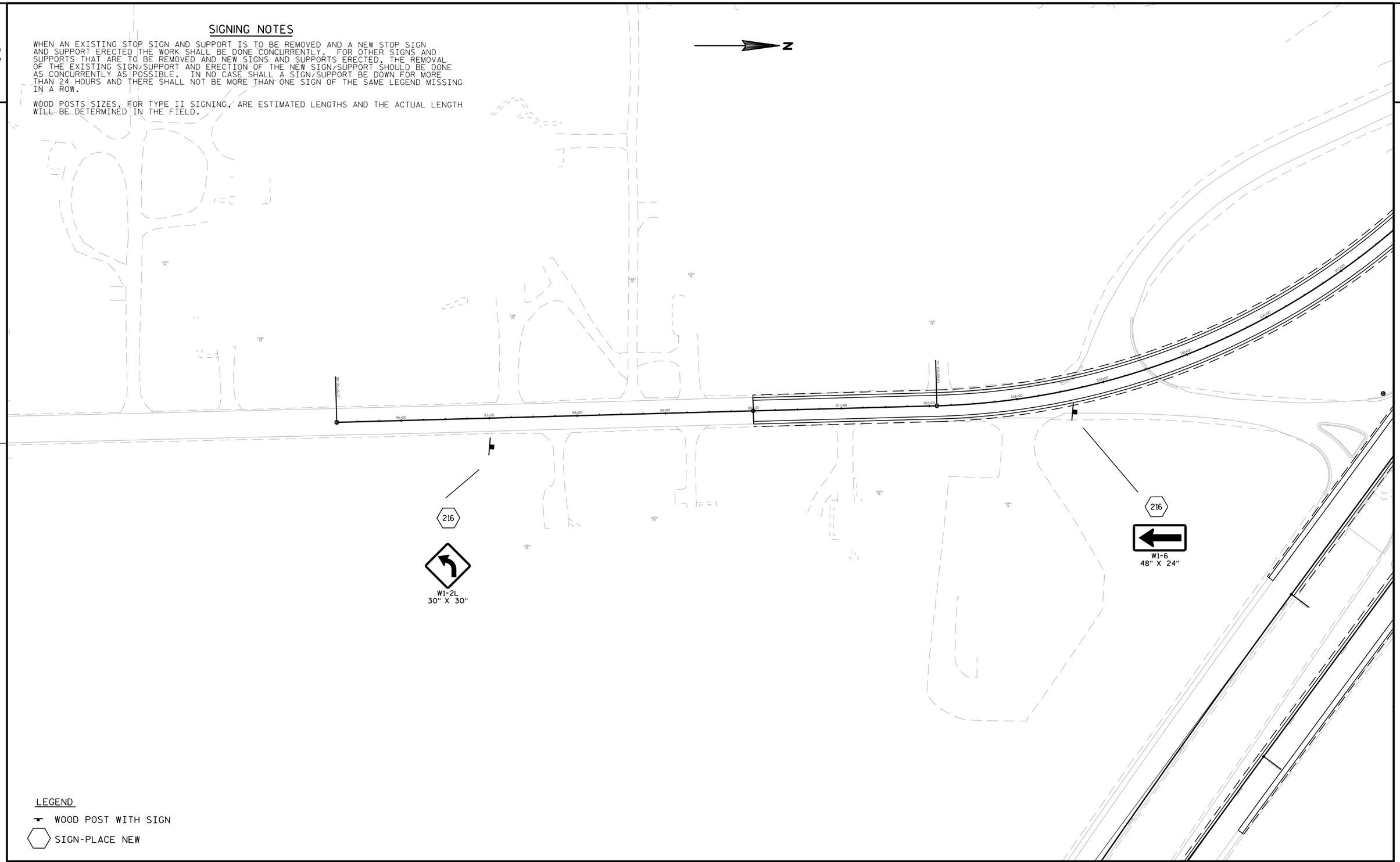
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

N



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

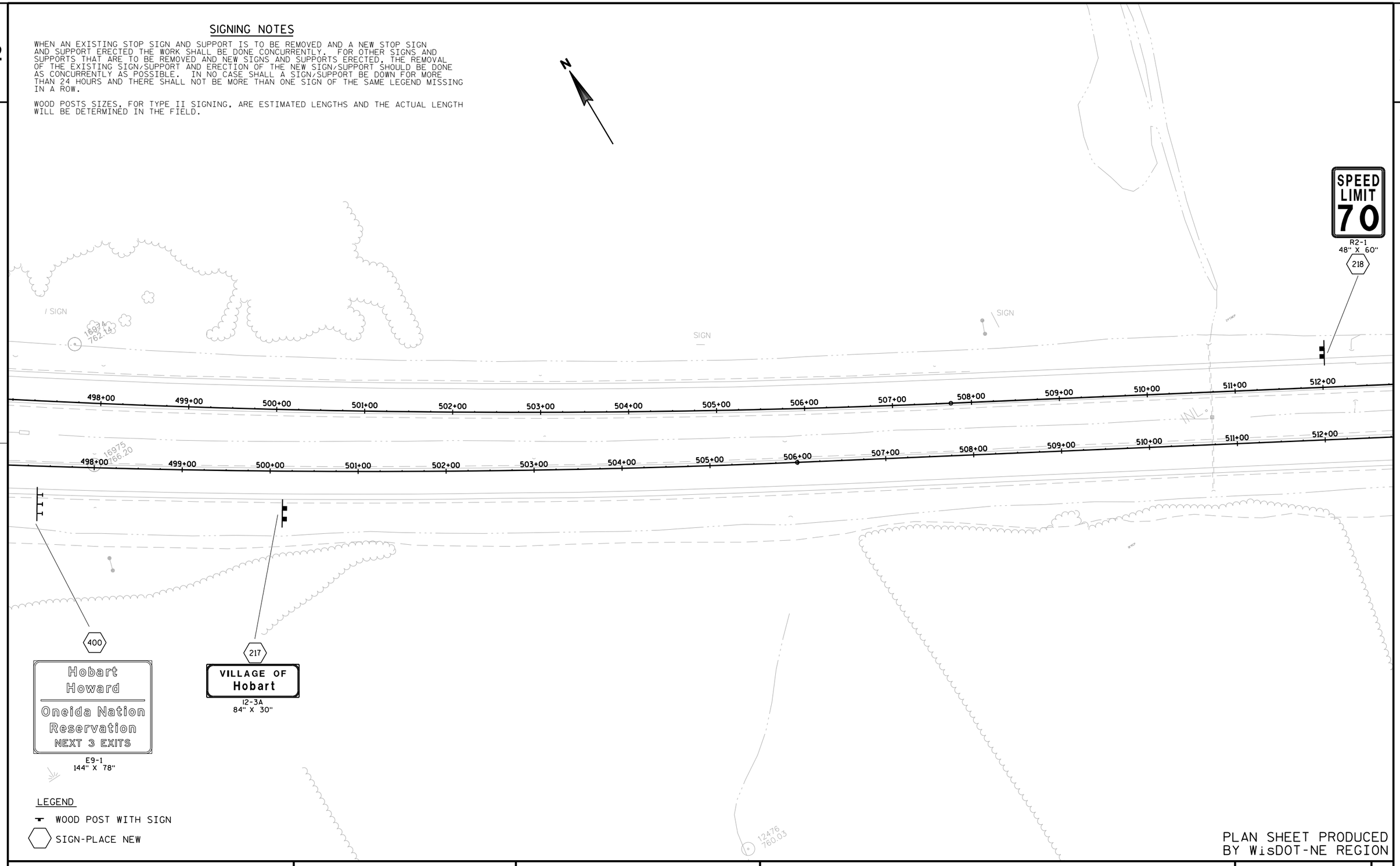
PRE_366

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

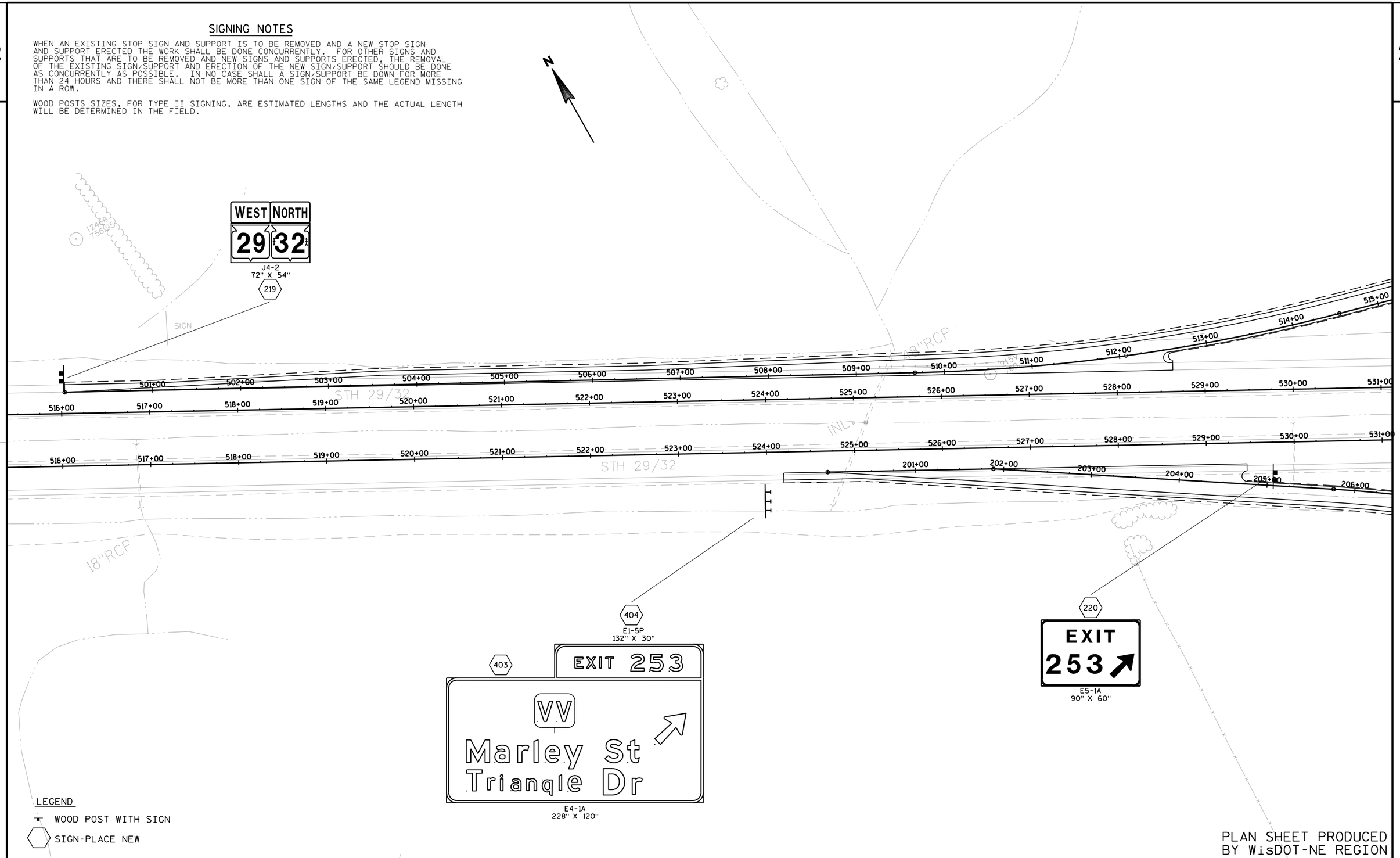
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_367

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

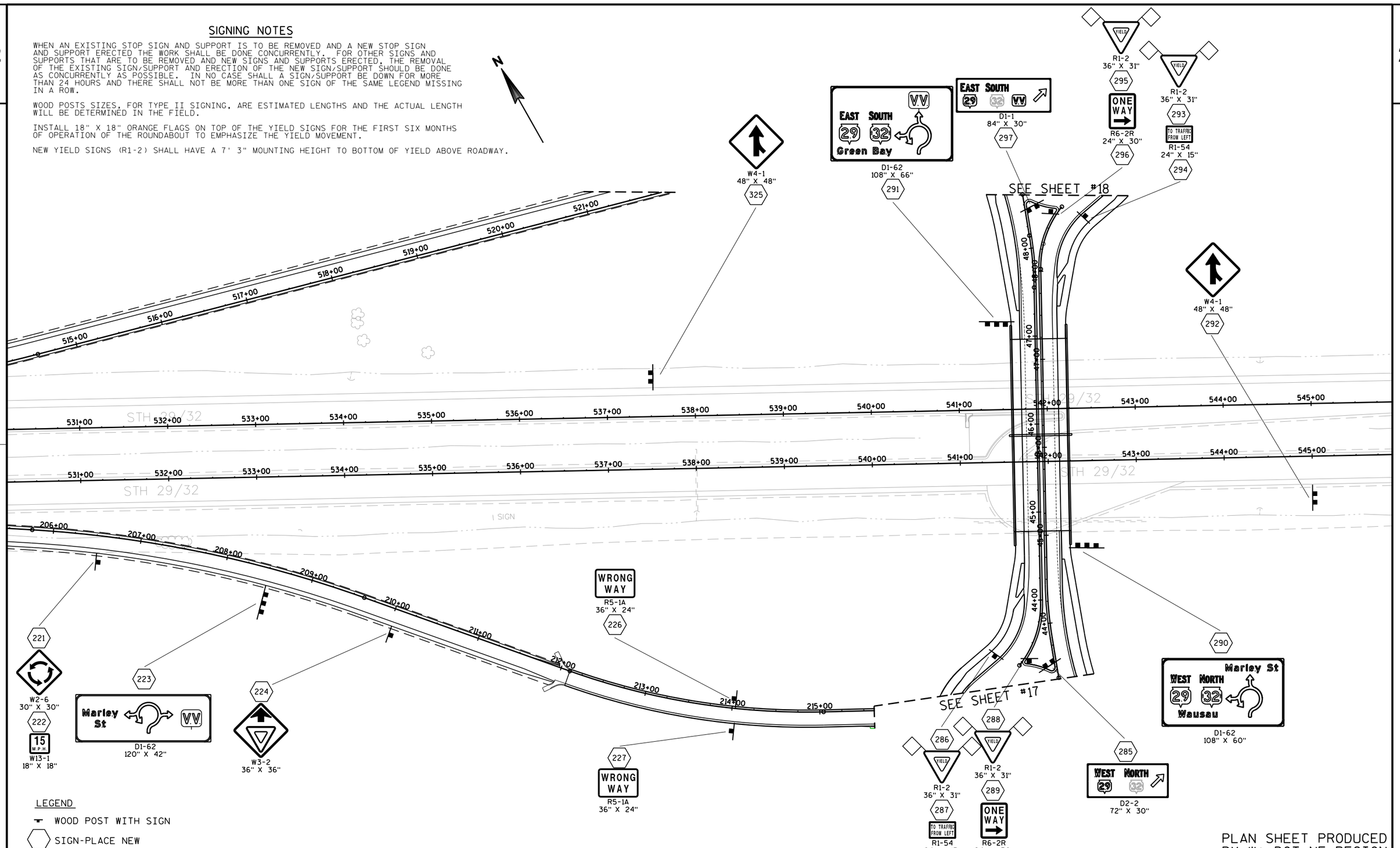
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A 7' 3" MOUNTING HEIGHT TO BOTTOM OF YIELD ABOVE ROADWAY.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_369

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023215_ps.dgn PLOT DATE : 22-JAN-2020 11:33 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

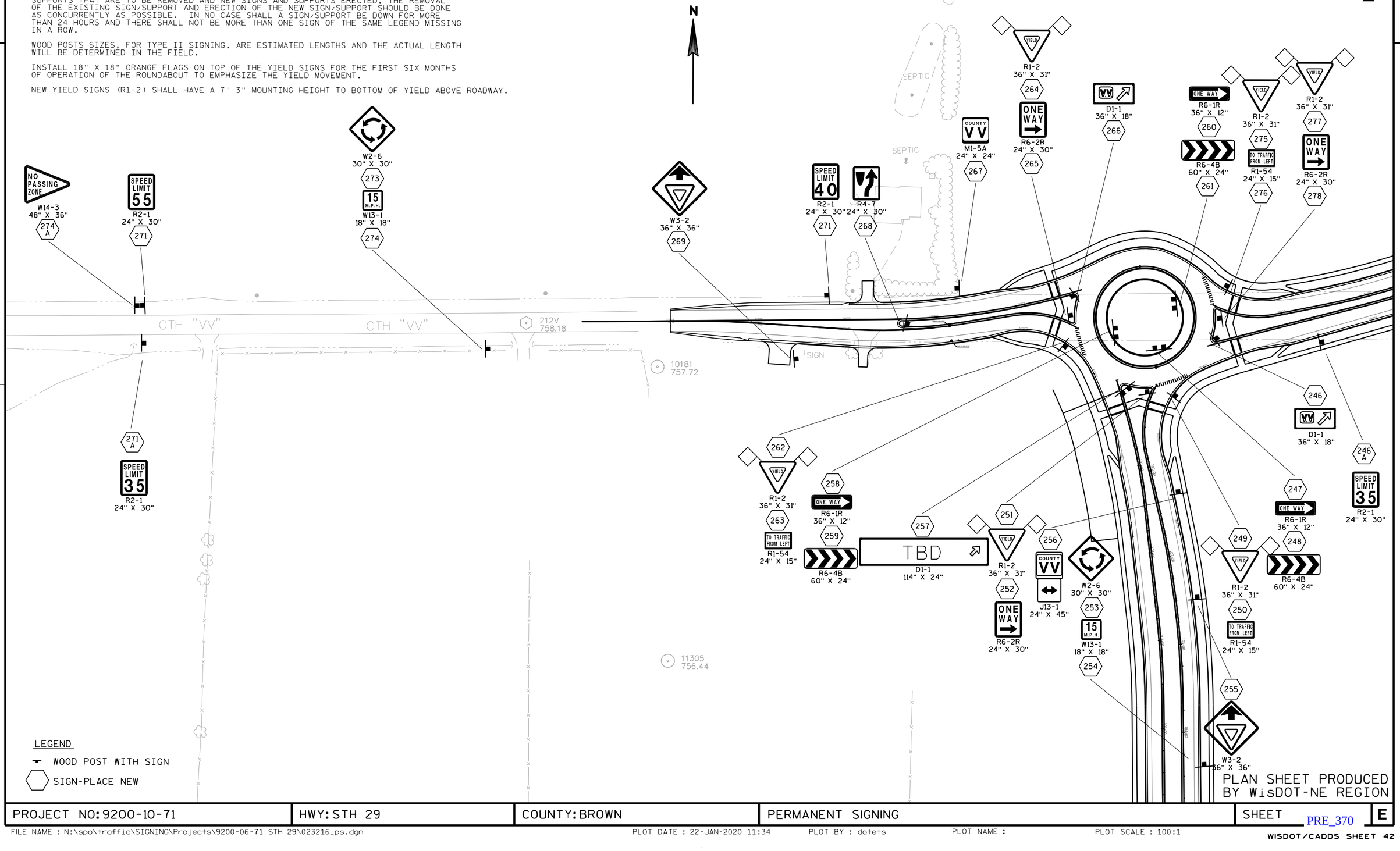
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A 7' 3" MOUNTING HEIGHT TO BOTTOM OF YIELD ABOVE ROADWAY.



PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A 7' 3" MOUNTING HEIGHT TO BOTTOM OF YIELD ABOVE ROADWAY.

N

SEE SHEET #15

228 R1-2 36" X 31"
230 R1-2 36" X 31"
232 R5-1 36" X 36"
233 R3-1 24" X 24"
283 R6-1R 36" X 12"
284 R6-4B 60" X 24"
234 R6-1R 36" X 12"
229 R1-54 24" X 15"
231 R6-2R 24" X 30"
235 R6-4B 60" X 24"
282 D1-1 72" X 30"
236 D1-1 36" X 18"
237 R1-2 36" X 31"
238 R6-2R 24" X 30"
239 R1-2 36" X 31"
240 R1-54 24" X 15"
244 W3-2 36" X 36"
279 R6-1R 36" X 12"
280 R6-4B 60" X 24"
281 R5-57 36" X 36"
241 M1-5A 24" X 24"
242 W3-2 36" X 36"
245 J1-3 72" X 39"
243 D1-62 108" X 96"

CTH "VV"

LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

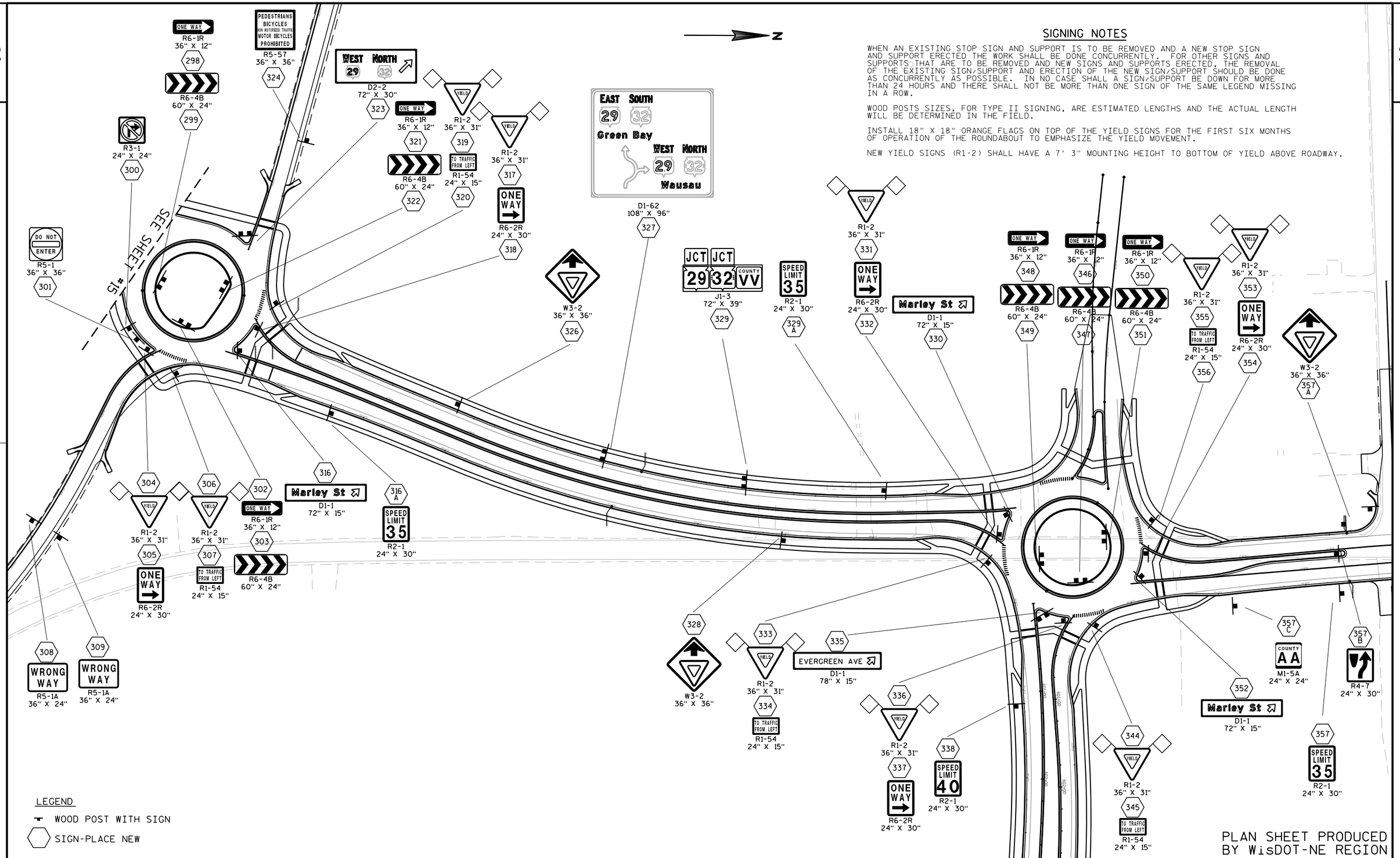
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A 7' 3" MOUNTING HEIGHT TO BOTTOM OF YIELD ABOVE ROADWAY.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

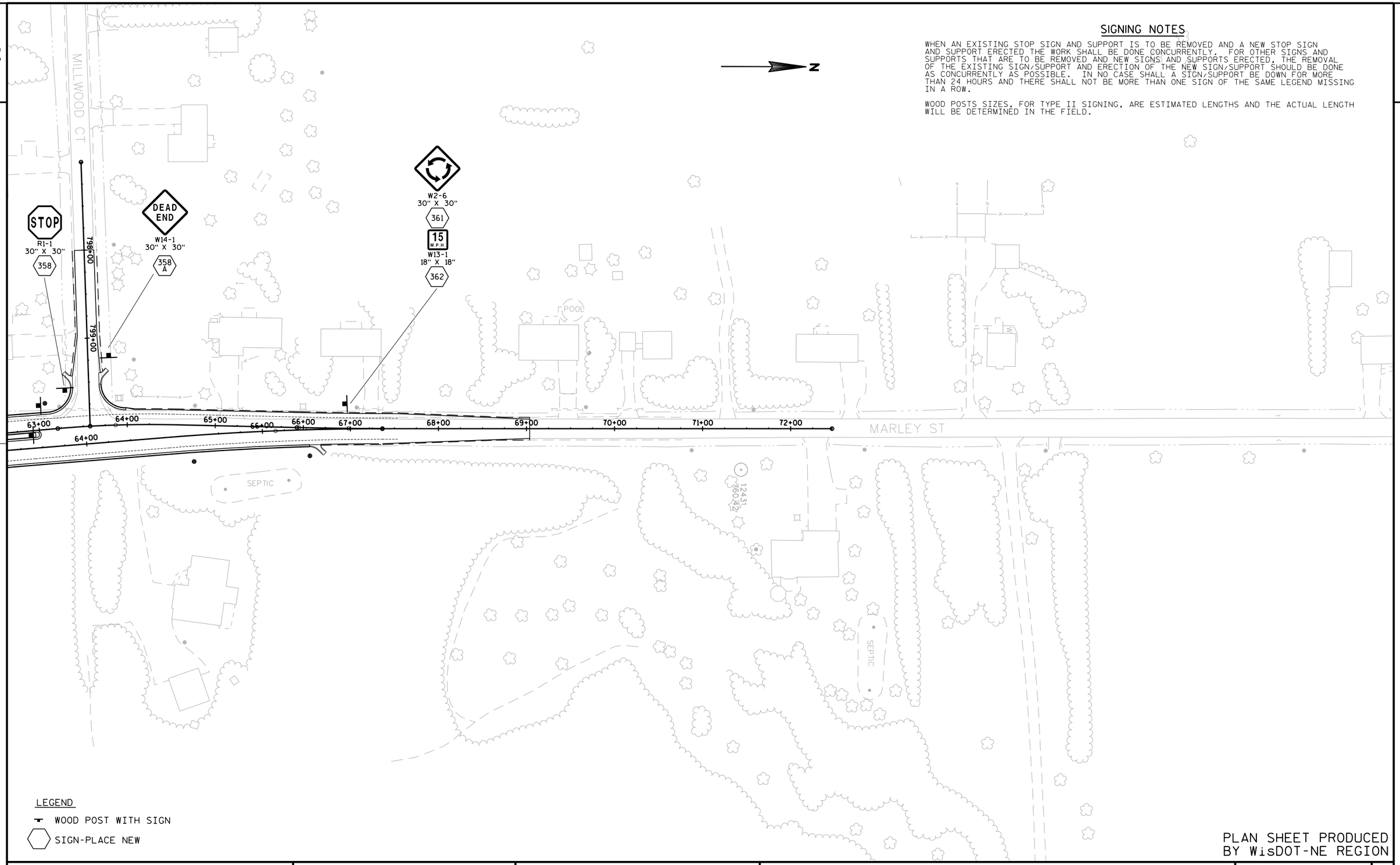
PRE_372

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

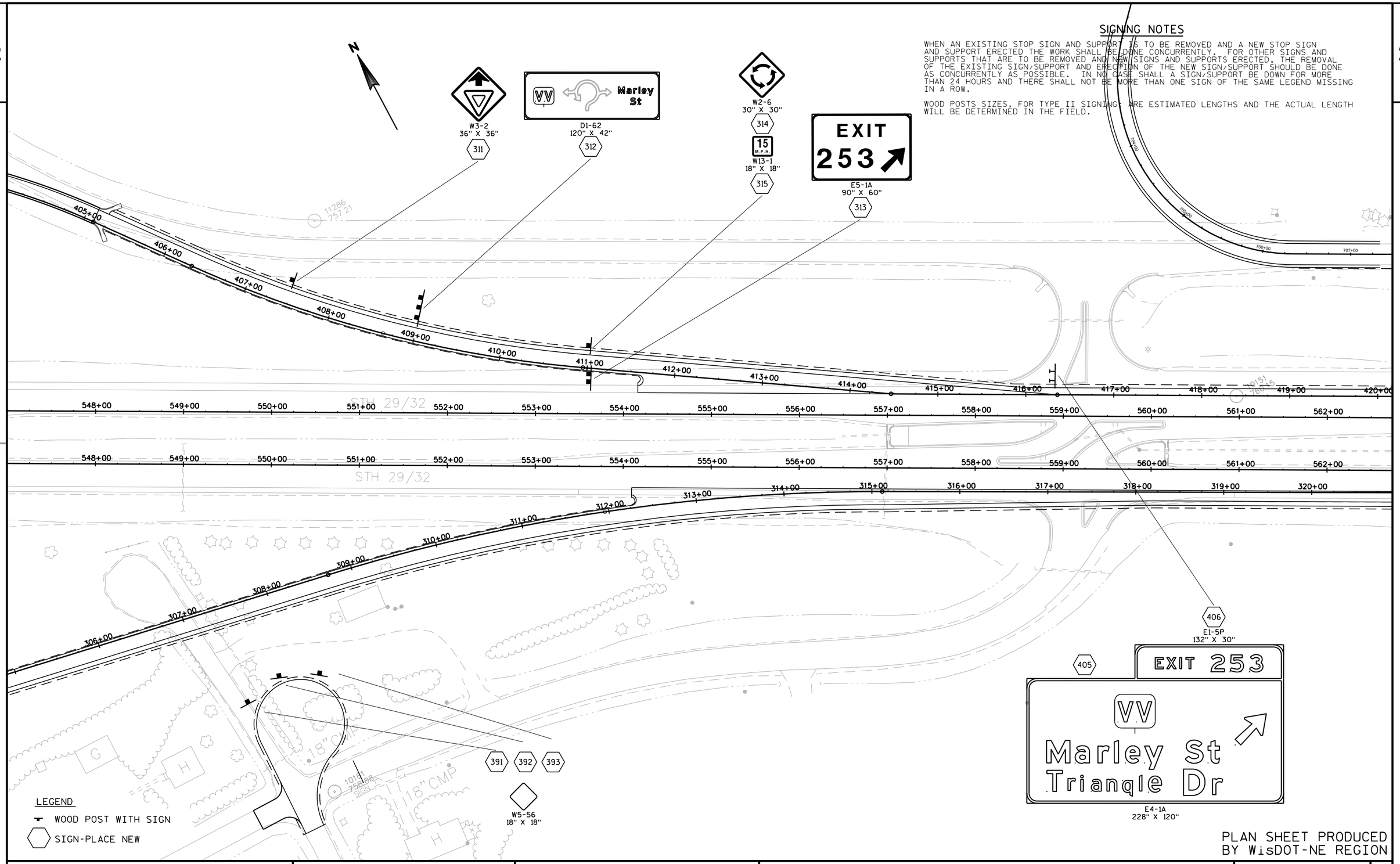
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_373

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_374

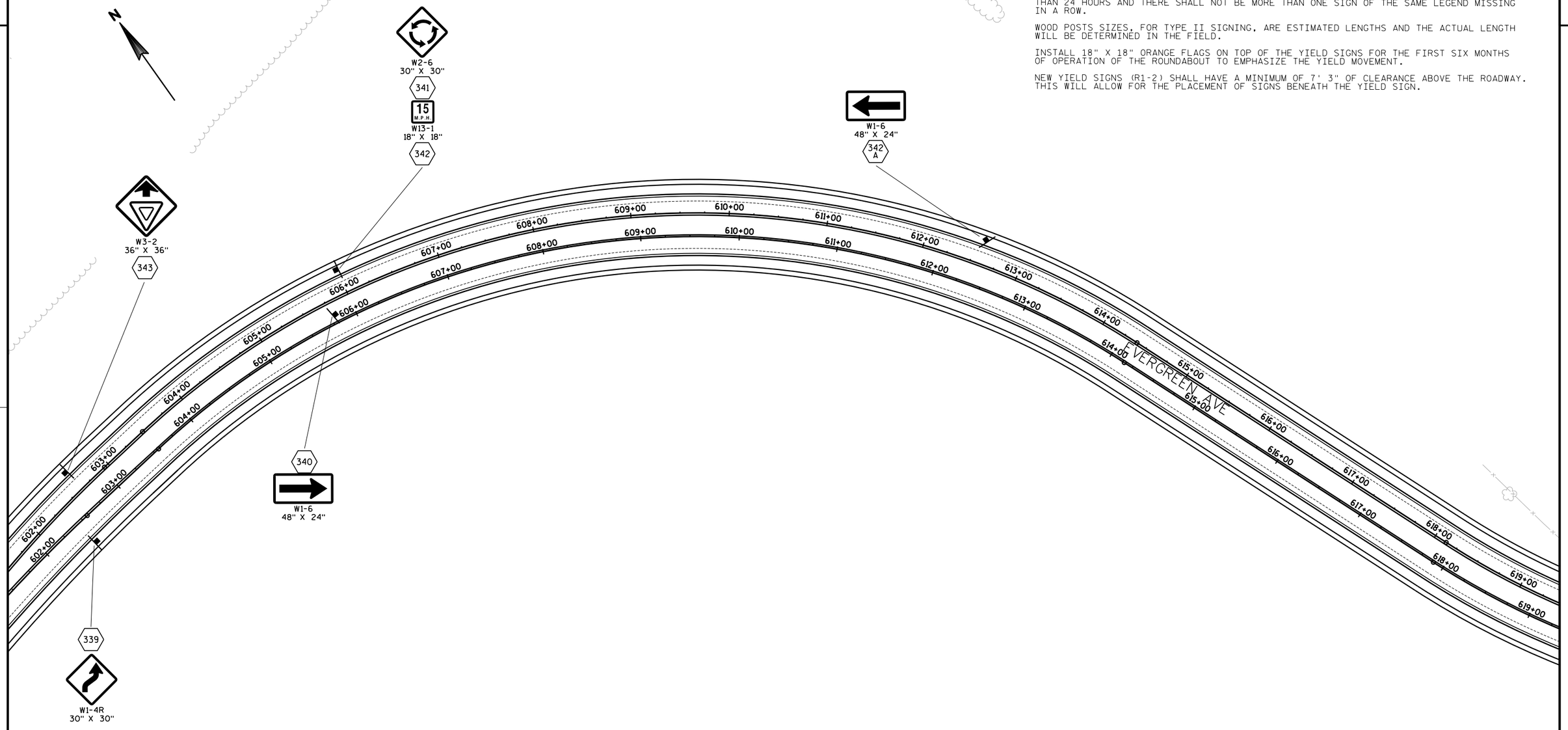
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

INSTALL 18" X 18" ORANGE FLAGS ON TOP OF THE YIELD SIGNS FOR THE FIRST SIX MONTHS OF OPERATION OF THE ROUNDABOUT TO EMPHASIZE THE YIELD MOVEMENT.

NEW YIELD SIGNS (R1-2) SHALL HAVE A MINIMUM OF 7' 3" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF SIGNS BENEATH THE YIELD SIGN.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_375

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

N

366 — ONE WAY — R6-2L 24" X 30"

363 — W1-6 48" X 24"

364 — W1-4R 30" X 30"

365 — SPEED LIMIT 40 — R2-1 24" X 30"

363 A — W1-6 48" X 24"

367 — R4-7 24" X 30"

368 — ONE WAY — R6-1R 36" X 12"

369 — STOP — R1-1 30" X 30"

370 — DIVIDED HIGHWAY — R6-3A 30" X 24"

365 A — R4-7 24" X 30"

374 — W5-56 18" X 18"

372 — W5-56 18" X 18"

373 — W5-56 18" X 18"

ASPH CE, ASPH FE, CABC CE, CABC FE

LEGEND

WOOD POST WITH SIGN

SIGN PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_376

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023222_ps.dgn PLOT DATE : 22-JAN-2020 11:34 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

N

634+00
634+00
635+00
635+00
636+00
636+00
637+00
637+00
638+00
638+00
639+00
639+00
640+00
641+00
642+00
643+00
644+00

MILLTOWN RD

H
H

377
W6-2
36" X 36"

378
WRONG WAY
R5-1A
36" X 24"

379
DO NOT ENTER
R5-1
30" X 30"

380
R4-7
24" X 30"

381
W6-3
36" X 36"

382
W6-1
36" X 36"

SEPTIC

LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

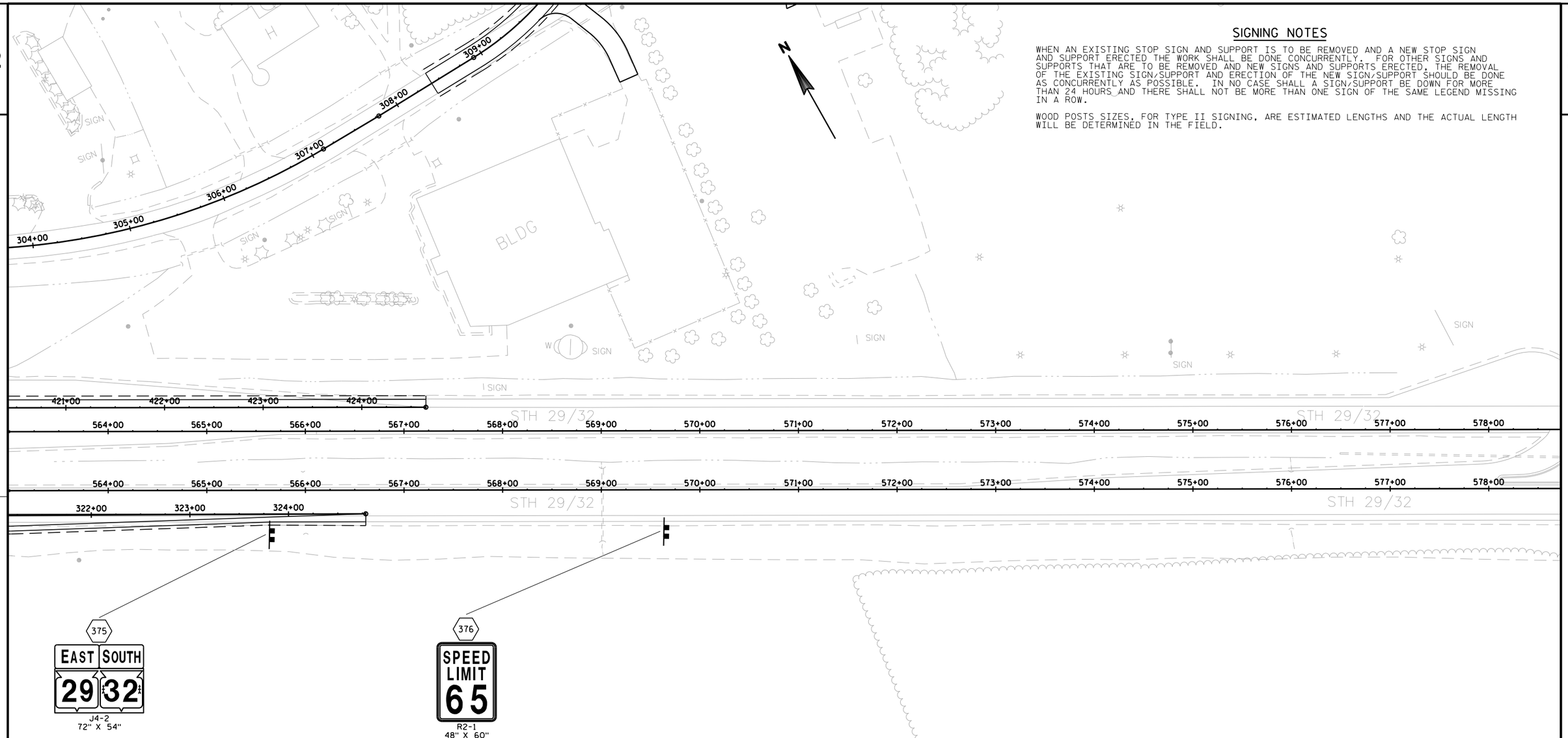
PRE_377

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_378

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

N

PINE TREE RD.

N. PINE TREE RD.

2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00

SUNLITE DR.

STH 29/32

612+00 613+00 613+00

390
STOP
R1-1
30" X 30"

389
W3-1
36" X 36"

LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO:9200-10-71	HWY:STH 29	COUNTY:BROWN	PERMANENT SIGNING	SHEET E

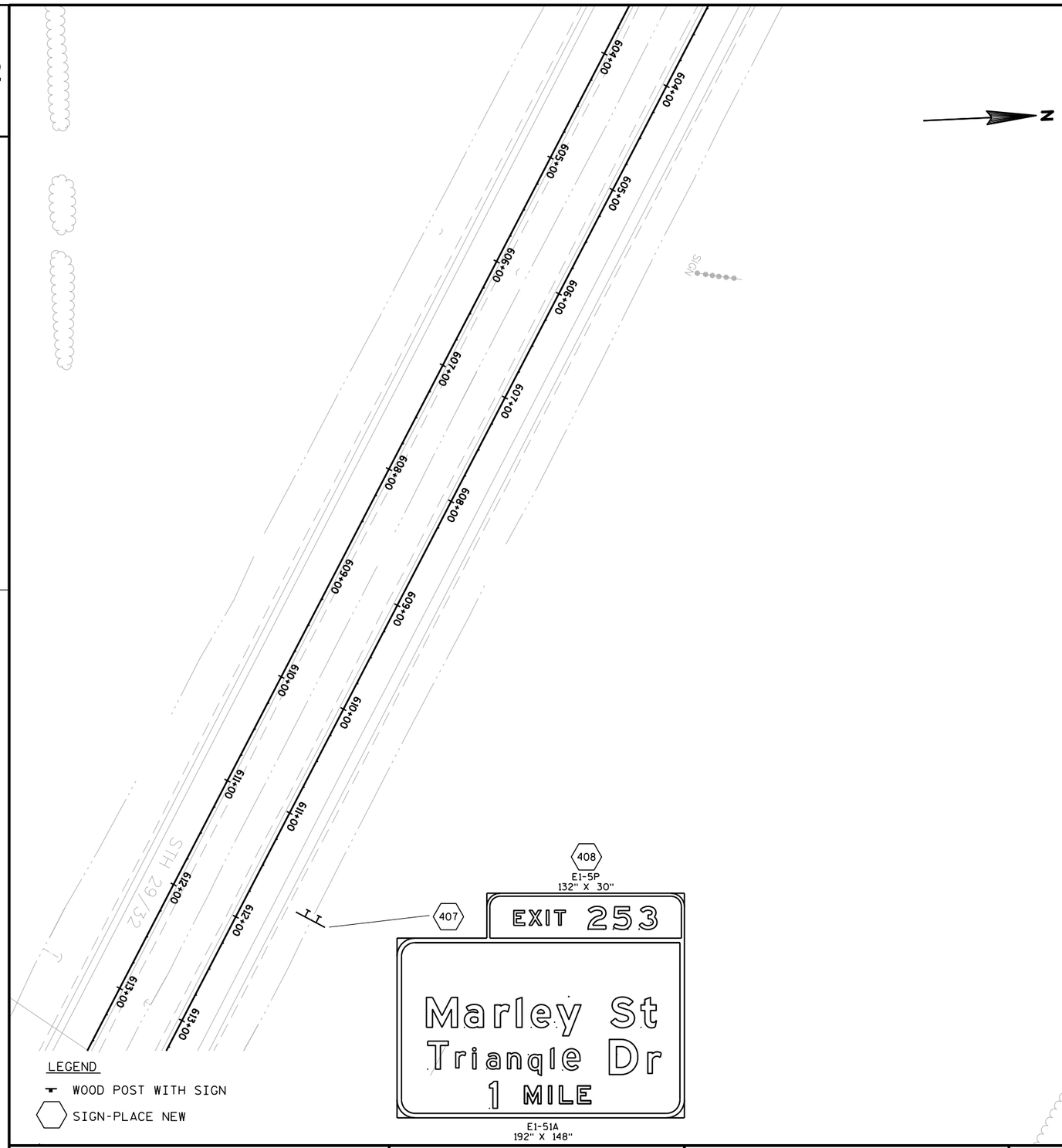
PRE_379

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



PLAN SHEET PRODUCED BY WisDOT-NE REGION

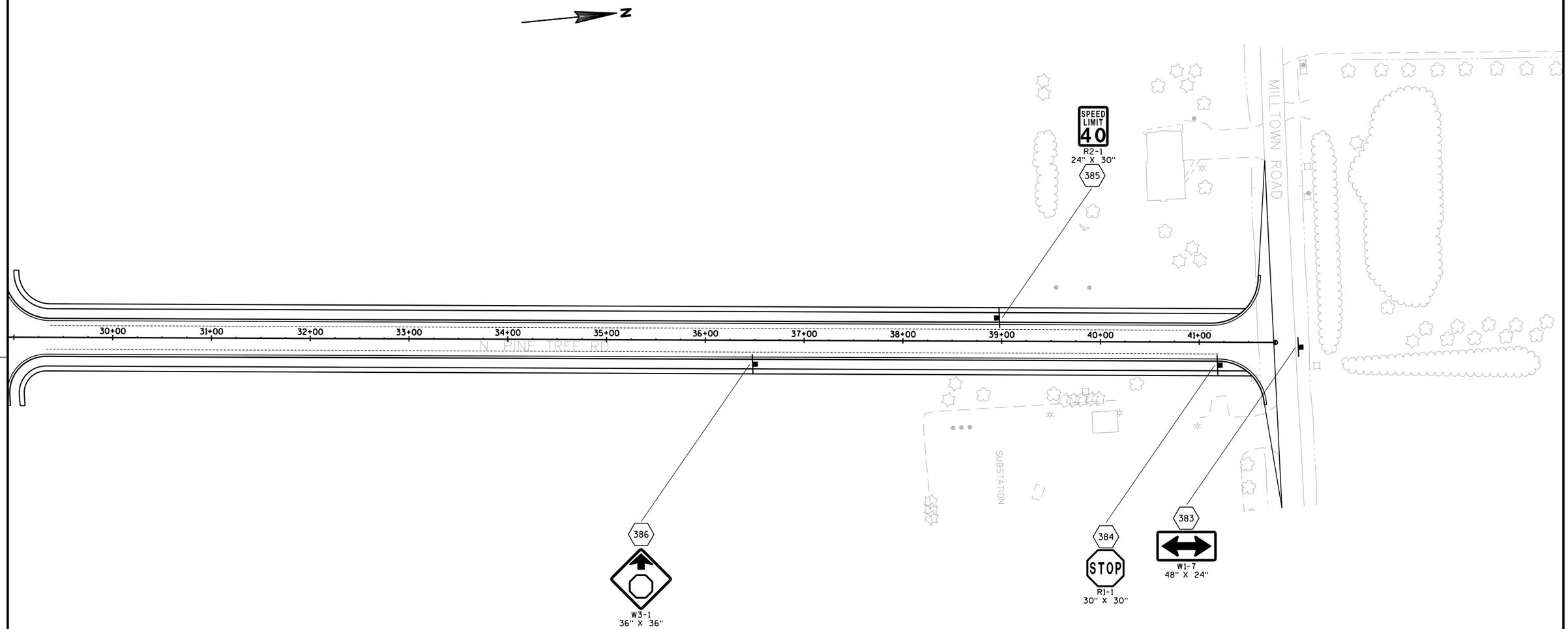
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_380

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

PRE_381

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023227_ps.dgn PLOT DATE : 22-JAN-2020 11:35 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

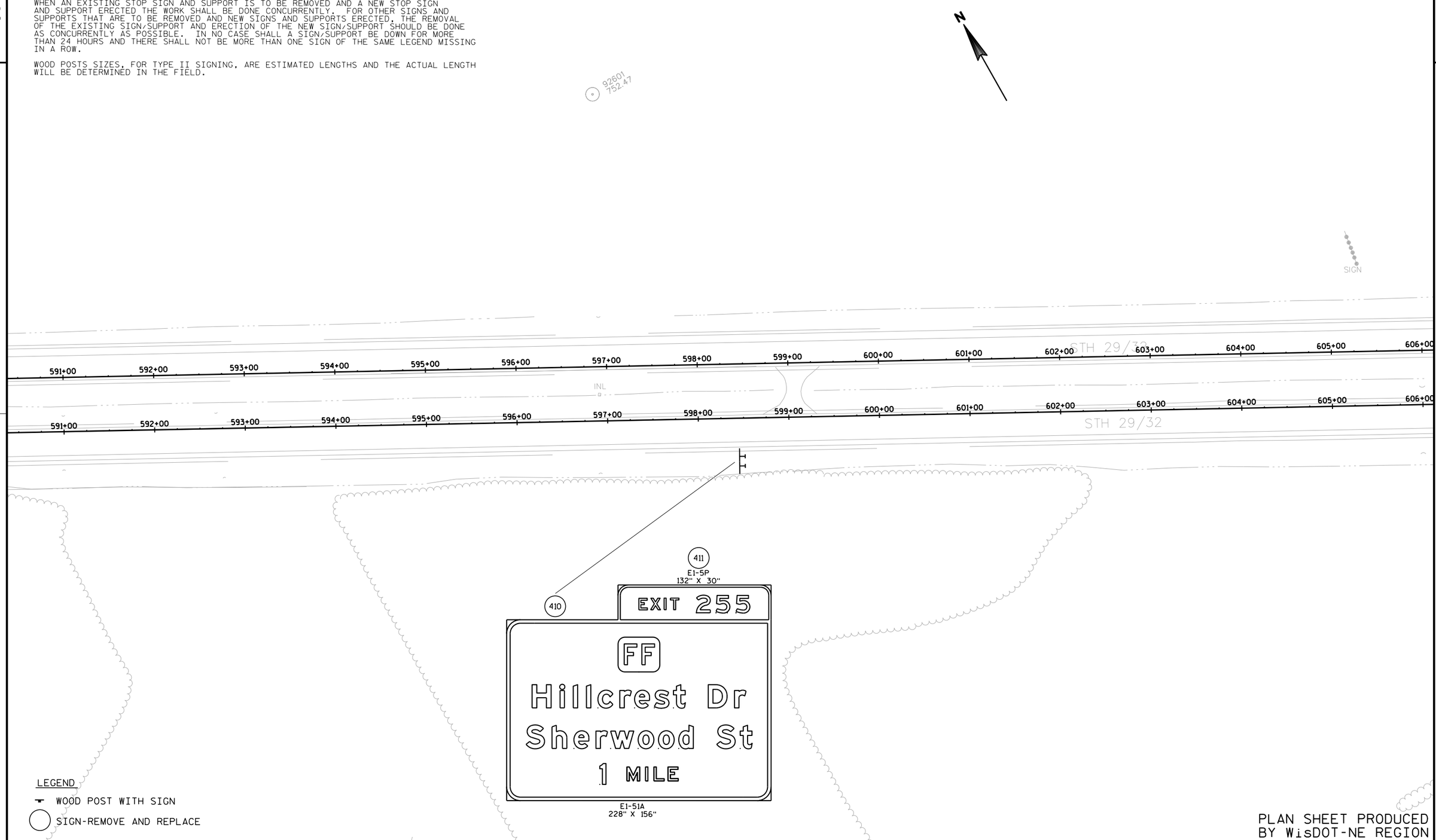
WISDOT/CADDS SHEET 42

2

SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.



LEGEND

- WOOD POST WITH SIGN
- SIGN-REMOVE AND REPLACE

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PERMANENT SIGNING	SHEET E

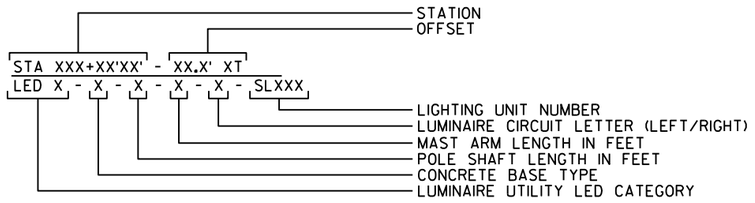
PRE_382

FILE NAME : N:\spo\traffic\SIGNING\Projects\9200-06-71 STH 29\023228_ps.dgn PLOT DATE : 22-JAN-2020 11:35 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

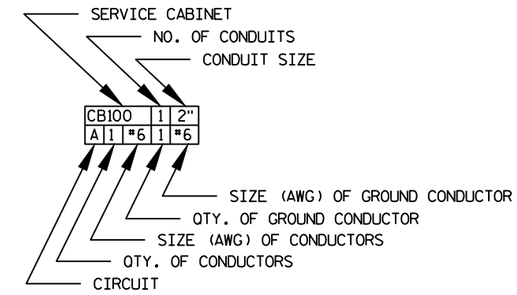
WISDOT/CADDS SHEET 42

LIGHTING PLAN LEGEND:

- SINGLE ARM LIGHTING UNIT
- SINGLE ARM LIGHTING UNIT BY WISDOT SEE ADDITIONAL SHEETS
- CONCRETE CONTROL CABINET BASE/ELECTRICAL SERVICE
- CONCRETE CONTROL CABINET BASE/ELECTRICAL SERVICE BY WISDOT SEE ADDITIONAL SHEETS
- PULL BOX NON-CONDUCTIVE (24"X42")
- PULL BOX NON-CONDUCTIVE (24"X42") BY WISDOT SEE ADDITIONAL SHEETS
- LIGHTING CONDUIT
- LIGHTING CONDUIT BY WISDOT SEE ADDITIONAL SHEETS



CONDUIT/CONDUCTOR LEGEND



PWO = PULL WIRE ONLY

NEU = NEUTRAL

GENERAL STREET LIGHTING NOTES:

1) THE ENGINEER SHALL APPROVE THE FINAL LOCATION FOR ALL CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION.

2) PITCH ALL CONDUITS TOWARD PULLBOXES. INSTALL A 2" DRAIN DUCT TO DITCH OR STORM SEWER AS REQUIRED FOR DRAINAGE. THIS 2" DRAIN DUCT IS INCIDENTAL TO THE PULL BOX BID ITEM. DRAIN DUCT IS NOT SHOWN. DO NOT SPLICE IN PULLBOXES.

3) THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

4) REFER TO STAKING DATA FOR EXACT OFFSET LOCATIONS, WITH ALL LOCATION APPROVED BY THE ENGINEER PRIOR TO INSTALL. GENERAL GUIDELINES FOR OFFSETS ARE AS FOLLOWS:
- -BEHIND CURB AND GUTTER: 6.730' FROM FACE OF CURB TO CENTER OF BASE
- -BEHIND SIDEWALK: 2.833' FROM EDGE OF SIDEWALK TO CENTER OF BASE

CONDUCTOR COLOR LEGEND

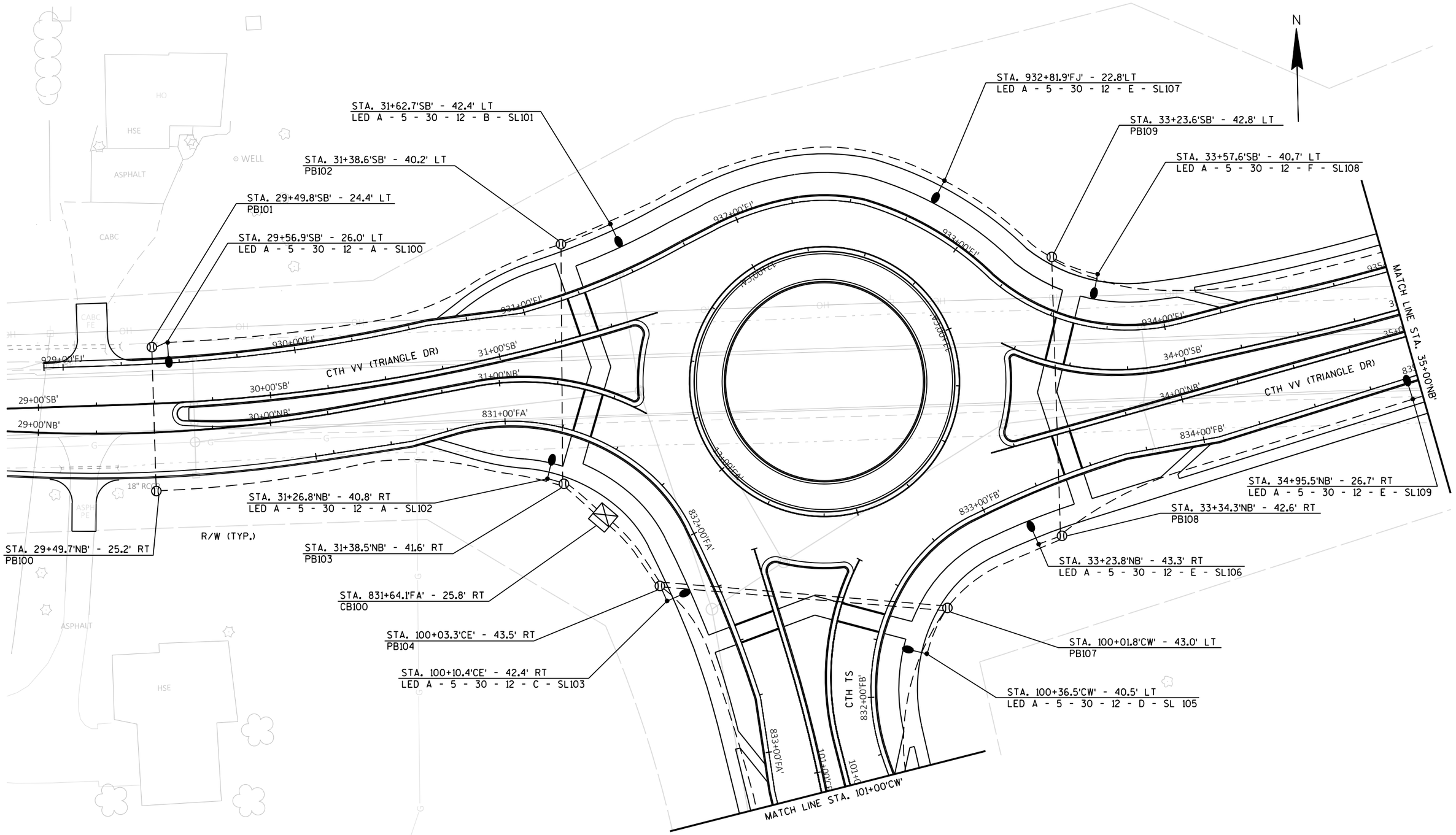
CB100

LIGHTING CONDUCTORS
A - BLACK
B - RED
C - BLACK
D - RED
E - BLACK
F - RED
240V PHASE TO PHASE

CB200

LIGHTING CONDUCTORS
A - BLACK
B - RED
C - BLACK
D - RED
E - BLACK
F - RED
240V PHASE TO PHASE

2



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/23/2020 11:55 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_384

2

N

CB100 | 1 | 3"
A | 4 | #6 | 2 | #6
B | 4 | #6 | - | -
240V

PWO 1-2"

SL101

SL107

PB102

E_1

CB100 | 1 | 3"
E | 6 | #6 | 3 | #6
F | 6 | #6 | - | -
240V

PB109

SL108

A_1

PB101

PWO 1-2"

SL100

929+00'FJ'

930+00'FJ'

931+00'FJ'

932+00'FJ'

933+00'FJ'

934+00'FJ'

CTH VV (TRIANGLE DR)

30+00'SB'

31+00'SB'

34+00'SB'

30+00'NB'

31+00'NB'

34+00'NB'

B_1

F_1

PWO 1-3"

29+00'SB'

29+00'NB'

831+00'FA'

834+00'FB'

MATCH LINE STA. 35+00'NB'

SL109

PWO 1-2"

PB100

R/W (TYP.)

SL102

PWO 1-3"

PB103

B_1

CB100

D_1

F_1

832+00'FA'

833+00'FB'

PB104

CB100 | 1 | 3"
A | 4 | #6 | 2 | #6
B | 4 | #6 | - | -
240V

SL103

CB100 | 1 | 3"
C | 6 | #6 | 3 | #6
D | 6 | #6 | - | -
240V

C_1

833+00'FA'

101+00'CB'

101+00'CW'

CTH TS

832+00'FB'

PB107

D_1

SL105

PWO 1-2"

SL106

E_1

PB108

CB100 | 1 | 3"
E | 6 | #6 | 3 | #6
F | 6 | #6 | - | -
240V

MATCH LINE STA. 101+00'CW'

C_1 = CB100 | 1 | 2"
C | 2 | #6 | 1 | #6
D | 2 | #6 | - | -
240V

D_1 = CB100 | 1 | 3"
C | 2 | #6 | 1 | #6
D | 2 | #6 | - | -
240V

A_1 = CB100 | 1 | 2"
A | 2 | #6 | 1 | #6
B | 2 | #6 | - | -
240V

E_1 = CB100 | 1 | 2"
E | 2 | #6 | 1 | #6
F | 2 | #6 | - | -
240V

B_1 = CB100 | 1 | 3"
A | 2 | #6 | 1 | #6
B | 2 | #6 | - | -
240V

F_1 = CB100 | 1 | 3"
E | 2 | #6 | 1 | #6
F | 2 | #6 | - | -
240V

SHEET 3 OF 15

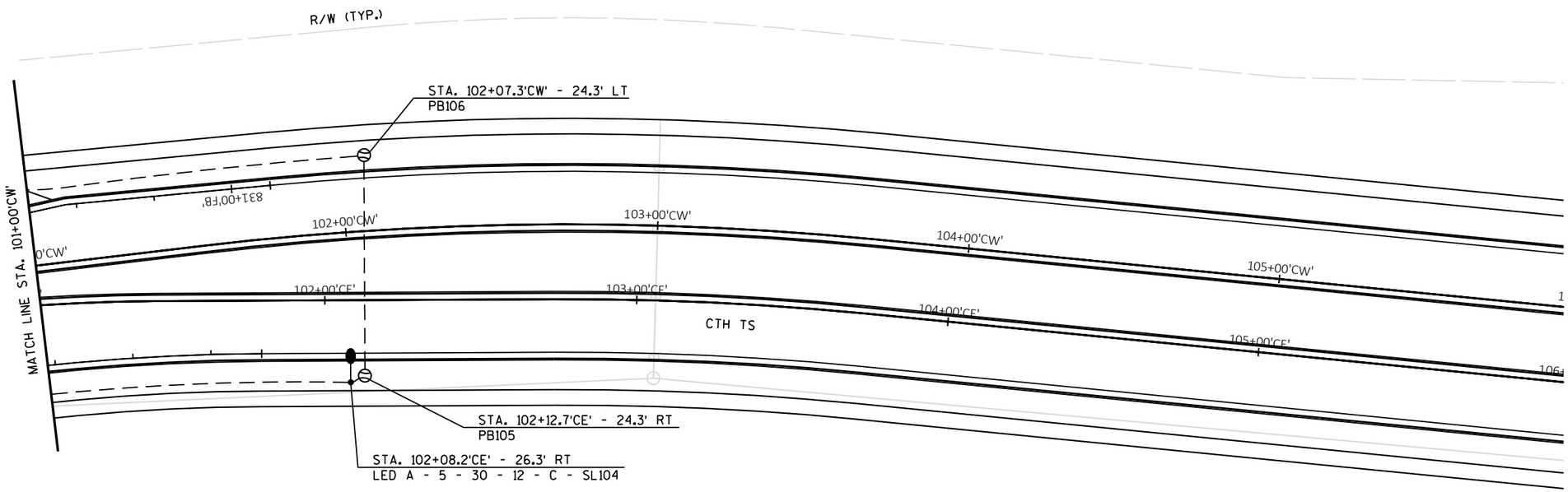
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_385

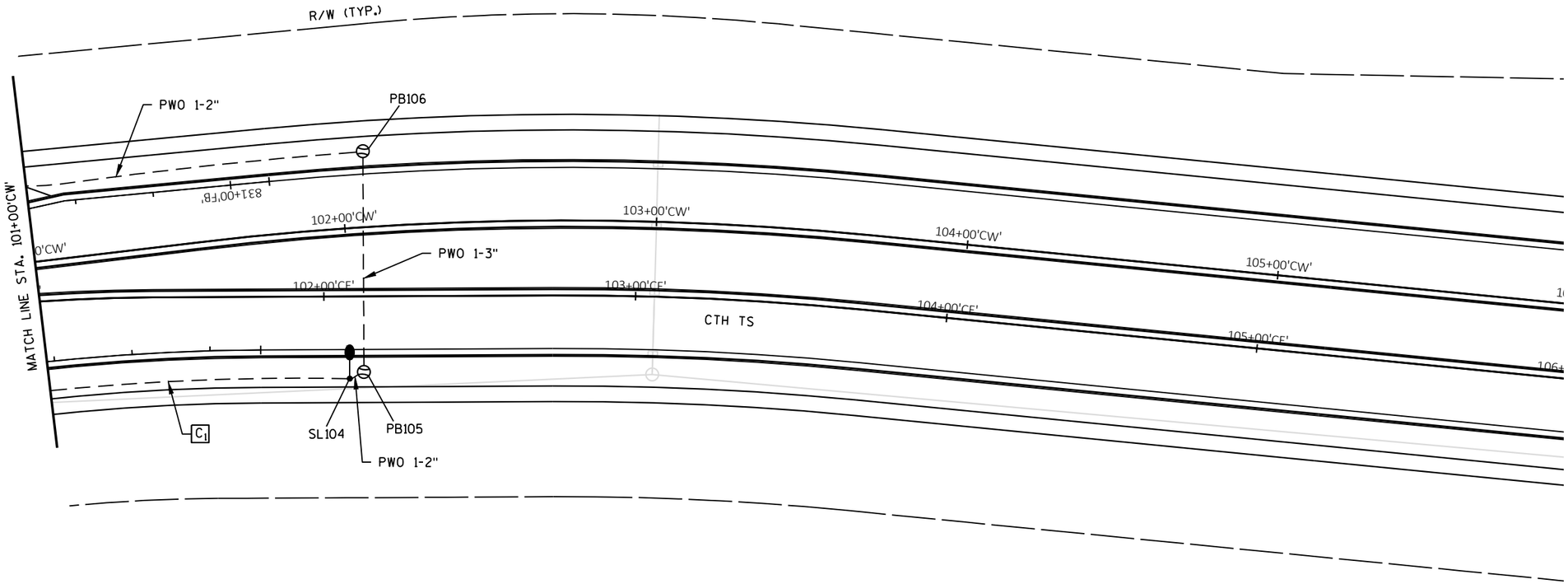
FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/23/2020 11:55 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2


N
R/W (TYP.)
STA. 102+07.3'CW' - 24.3' LT
PB106
MATCH LINE STA. 101+00'CW'
831+00'FB'
102+00'CW'
103+00'CW'
104+00'CW'
105+00'CW'
102+00'CF'
103+00'CF'
104+00'CF'
105+00'CF'
CTH TS
STA. 102+12.7'CE' - 24.3' RT
PB105
STA. 102+08.2'CE' - 26.3' RT
LED A - 5 - 30 - 12 - C - SL104

2



C1 =

CB100		1	2"	
C	2	#6	1	#6
D	2	#6	-	-

240V

SHEET 5 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/23/2020 11:56 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_387

WISDOT/CADDS SHEET 42

2

2

N

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

MATCH LINE STA. 41+00'NB'

STA. 39+90.2'SB' - 24.2' LT
PB110

STA. 39+81.4'SB' - 25.7' LT
LED A - 5 - 30 - 12 - F - SL112

R/W (TYP.)

STA. 36+45.8'SB' - 25.7' LT
LED A - 5 - 30 - 12 - F - SL110

CTH VV (TRIANGLE DR)

940+00'FB'
939+00'FB'
938+00'FB'
937+00'FB'
936+00'FB'
41+00'SB'
40+00'SB'
39+00'SB'
38+00'SB'
37+00'SB'
36+00'SB'
41+00'NB'
40+00'NB'
39+00'NB'
38+00'NB'
37+00'NB'
36+00'NB'
841+00'FB'
840+00'FB'
839+00'FB'
838+00'FB'
837+00'FB'
836+00'FB'

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

STA. 39+98.9'NB' - 24.2' RT
PB111

MATCH LINE STA. 35+00'NB'

STA. 38+40.1'NB' - 26.2' RT
LED A - 5 - 30 - 12 - E - SL111

OH

RCCP

CABC
FE

SHEET 6 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_388

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:56 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

SEE ADDITIONAL SHEETS FOR WISDOT DESIGNED LIGHTING

MATCH LINE STA. 41+00'NB'

PB110

PWO 1-2"

SL112

940+00'FB'

40+00'SB'

841+00'FB'

R/W (TYP.)

E_1

939+00'FB'

CTH VV (TRIANGLE DR)

40+00'NB'

PWO 1-3"

840+00'FB'

SEE ADDITIONAL SHEETS FOR WISDOT DESIGNED LIGHTING

PB111

SL110

938+00'FB'

39+00'SB'

39+00'NB'

839+00'FB'

PWO 1-2"

937+00'FB'

38+00'SB'

38+00'NB'

936+00'FB'

37+00'SB'

838+00'FB'

SL111

MATCH LINE STA. 35+00'NB'

36+00'SB'

37+00'NB'

CTH VV (TRIANGLE DR)

837+00'FB'

36+00'NB'

836+00'FB'

E_1

OH

RCCP CABC FE

E_1 =

CB100			1	2"	
E	2	#6	1	#6	240V
F	2	#6	-	-	

SHEET 7 OF 15

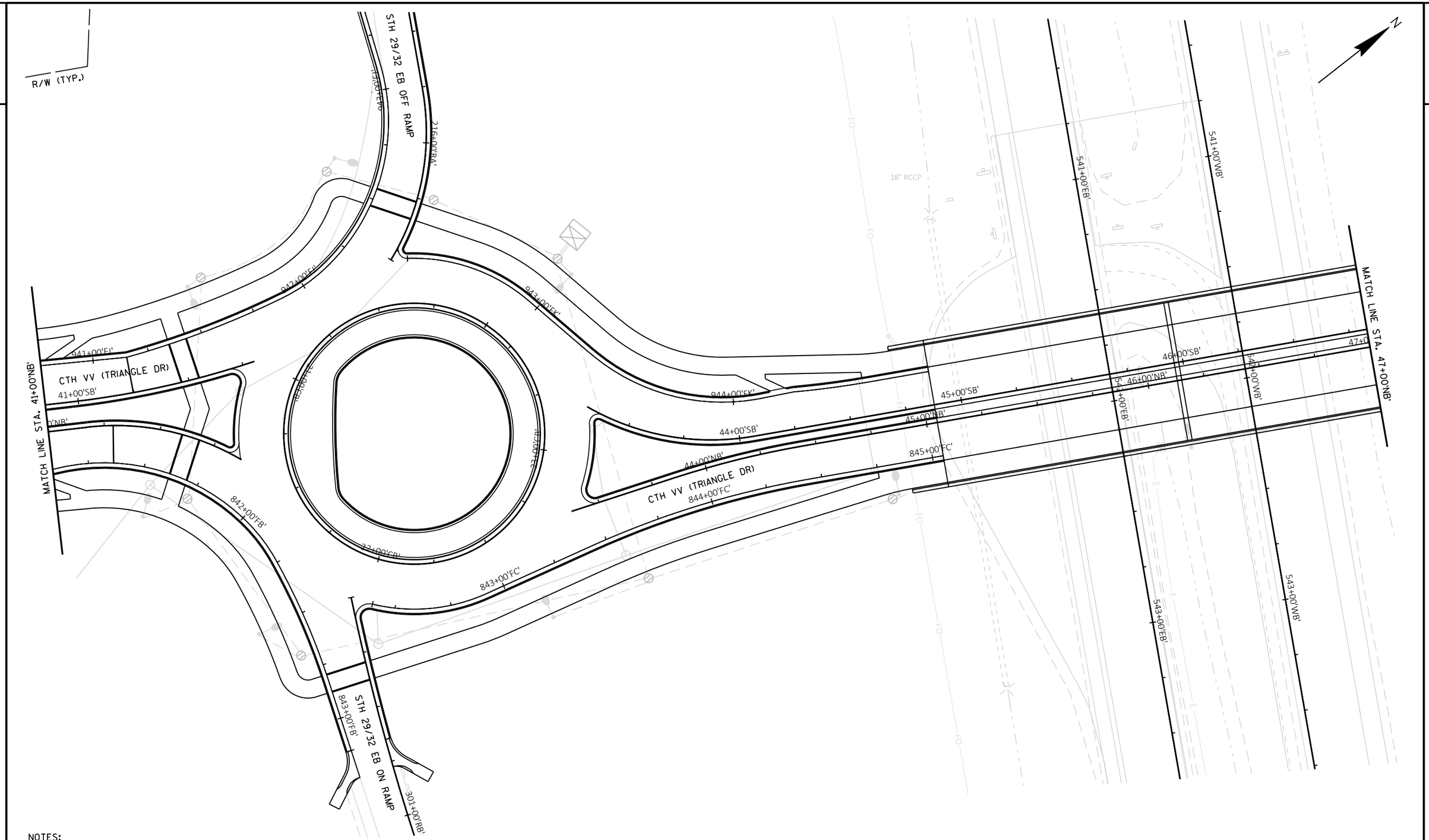
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_389

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/3/2020 2:56 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTES:

1) SEE ADDITIONAL SHEETS FOR WISDOT DESIGNED LIGHTING

SHEET 8 OF 15

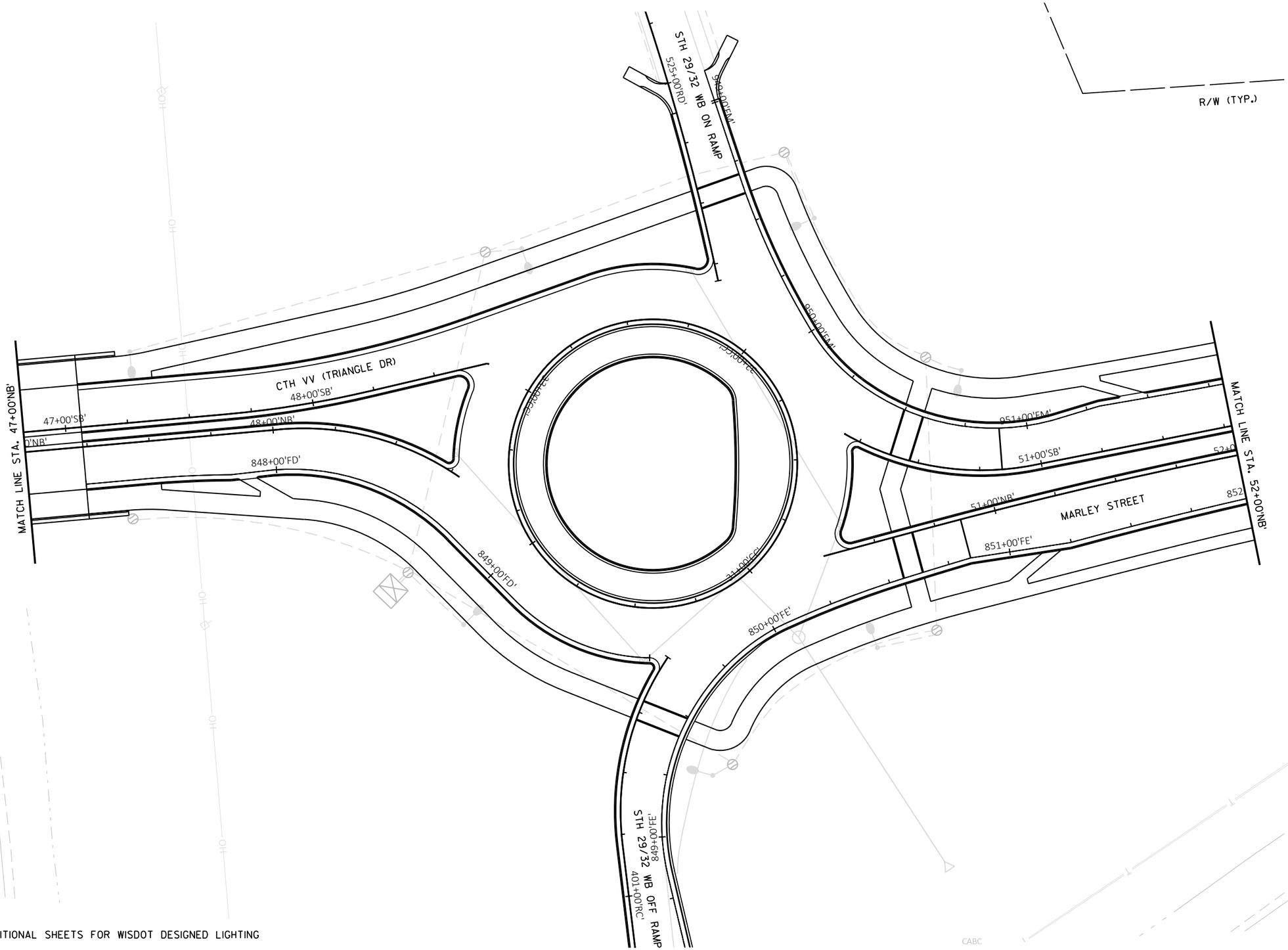
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_390

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:57 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTES:

1) SEE ADDITIONAL SHEETS FOR WISDOT DESIGNED LIGHTING

SHEET 9 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:57 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_391

WISDOT/CADDS SHEET 42

2

N

R/W (TYP.)

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

STA. 52+27.5'SB' - 24.2' LT
PB201

STA. 54+00.4'SB' - 26.3' LT
LED A - 5 - 30 - 12 - A - SL201

ATC EASEMENT (TYP.)

STA. 57+47.1'SB' - 26.3' LT
LED A - 5 - 30 - 12 - A - SL203

MATCH LINE STA. 52+00'NB'

MATCH LINE STA. 58+00'NB'

952+00'EM'
953+00'EM'
954+00'EM'
955+00'EM'
956+00'EM'
957+00'EM'
52+00'SB'
53+00'SB'
54+00'SB'
55+00'SB'
56+00'SB'
57+00'SB'
53+00'NB'
54+00'NB'
55+00'NB'
56+00'NB'
57+00'NB'
853+00'FE'
854+00'FE'
855+00'FE'
856+00'FE'
857+00'FE'
858+00

MARLEY STREET

MARLEY STREET

CABC
18"CMP
18"CMP

STA. 52+54.9'NB' - 26.3' RT
LED A - 5 - 30 - 12 - B - SL200

STA. 52+24.3'NB' - 24.3' RT
PB200

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

STA. 55+53.6'NB' - 26.3' RT
LED A - 5 - 30 - 12 - B - SL202

SHEET 10 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_392

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:57 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

R/W (TYP.)

ATC EASEMENT (TYP.)

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

PB201

PWO 1-2"

PWO 1-3"

SL201

SL203

A_2

MATCH LINE STA. 52+00'NB'

MATCH LINE STA. 58+00'NB'

952+00'EM'

953+00'EM'

954+00'EM'

955+00'EM'

956+00'EM'

957+00'EM'

52+00'SB'

53+00'SB'

54+00'SB'

55+00'SB'

56+00'SB'

57+00'SB'

53+00'NB'

54+00'NB'

55+00'NB'

56+00'NB'

57+00'NB'

MARLEY STREET

853+00'FE'

854+00'FE'

855+00'FE'

856+00'FE'

857+00'FE'

SL200

PWO 1-2"

PB200

SL202

SEE ADDITIONAL SHEETS FOR
WISDOT DESIGNED LIGHTING

A_2 =

CB200	1	2"		
A	2	#6	1	#6
B	2	#6	-	-

240V

SHEET 11 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_393

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/3/2020 2:57 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

STA. 960+14.4'FM' - 22.8' LT
LED A - 5 - 30 - 12 - B - SL205

STA. 959+93.8'FM' - 23.0' LT
PB204

STA. 59+24.8'SB' - 43.1' LT
LED A - 5 - 30 - 12 - A - SL204

STA. 59+10.1'SB' - 42.0' LT
PB203

STA. 860+31.7'FN' - 22.8' LT
LED A - 5 - 30 - 12 - A - SL211

STA. 860+37.8'FN' - 23.0' LT
PB210

STA. 860+72.7'FN' - 25.8' LT
CB200

STA. 60+96.6'SB' - 42.1' LT
PB211

STA. 63+45.4'SB' - 35.1' LT
PB212

STA. 61+15.4'SB' - 41.0' LT
LED A - 5 - 30 - 12 - C - SL212

STA. 59+13.5'NB' - 40.9' RT
LED A - 5 - 30 - 12 - B - SL206

STA. 61+25.0'NB' - 41.5' RT
PB209

STA. 61+12.7'NB' - 43.0' RT
LED A - 5 - 30 - 12 - D - SL210

STA. 63+59.9'NB' - 36.6' RT
LED A - 5 - 30 - 12 - C - SL213

STA. 59+35.1'NB' - 42.2' RT
PB202

STA. 600+12.3'EGW' - 42.4' LT
PB208

STA. 63+72.1'NB' - 36.6' RT
PB213

STA. 600+11.4'EGE' - 41.8' RT
LED A - 5 - 30 - 12 - F - SL207

STA. 600+36.9'EGE' - 39.9' RT
PB205

STA. 600+43.9'EGE' - 12.4' LT
PB207

STA. 600+53.3'EGW' - 40.2' LT
LED A - 5 - 30 - 12 - E - SL209

FUTURE ROAD TBD

MARLEY STREET

MILLWOOD COURT

EVERGREEN AVE

R/W (TYP.)

MATCH LINE STA. 58+00'NB'

MATCH LINE STA. 601+00'EGW'

SHEET 12 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_394

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

FUTURE ROAD TBD

MILLWOOD COURT

MARLEY STREET

EVERGREEN AVE

R/W (TYP.)

MATCH LINE STA. 58+00'NB'

MATCH LINE STA. 601+00'EGW'

CB200	1	3"
A	4	#6
B	4	#6

240V

SL205 SL204 SL206 SL207 SL209 SL210 SL211 SL212 SL213

PB202 PB203 PB204 PB205 PB207 PB208 PB209 PB210 PB211 PB212 PB213

CB200

PWO 1-3"

PWO 1-2"

A_2 B_2 C_2 D_2 E_2 F_2

CB200	1	3"
A	6	#6
B	6	#6

240V

CB200	1	3"
C	4	#6
D	4	#6

240V

CB200	1	3"
E	6	#6
F	6	#6

240V

CB200	1	3"
E	4	#6
F	4	#6

240V

C_2 =

CB200	1	2"
C	2	#6
D	2	#6

240V

D_2 =

CB200	1	3"
C	2	#6
D	2	#6

240V

A_2 =

CB200	1	2"
A	2	#6
B	2	#6

240V

E_2 =

CB200	1	2"
E	2	#6
F	2	#6

240V

B_2 =

CB200	1	3"
A	2	#6
B	2	#6

240V

F_2 =

CB200	1	3"
E	2	#6
F	2	#6

240V

SHEET 13 OF 15

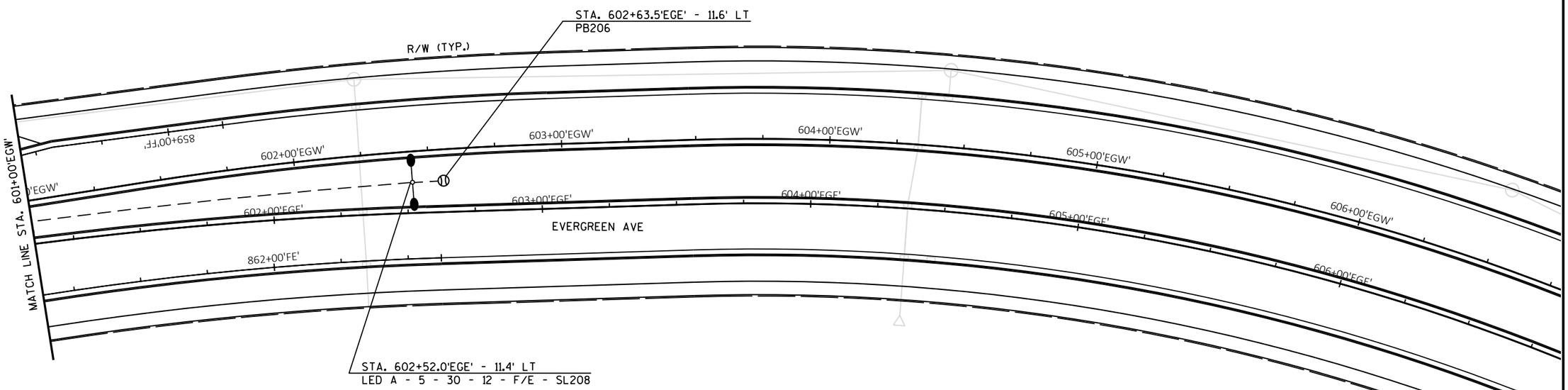
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_395

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/3/2020 2:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N



SHEET 14 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

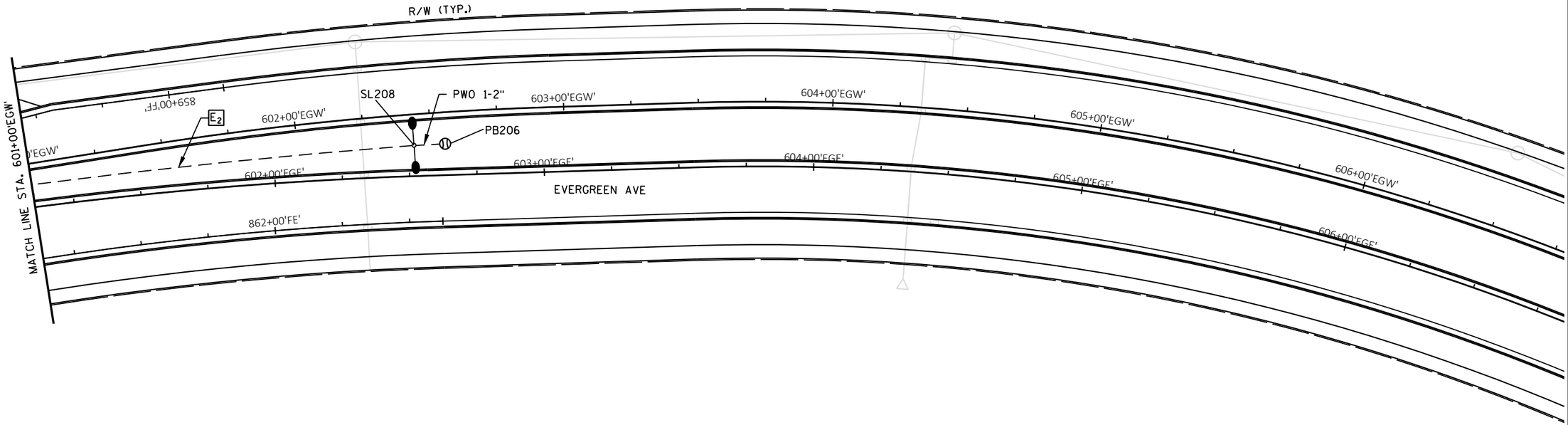
PRE_396

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023601_LP.DWG PLOT DATE : 1/3/2020 2:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N



E_2 =

CB200			1	2"
E	2	#6	1	#6
F	2	#6	-	-

240V

SHEET 15 OF 15

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	LIGHTING PLANS	SHEET E

PRE_397

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\LIGHTING\023602_LP_A_9200-10-71.DWG PLOT DATE : 1/3/2020 2:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

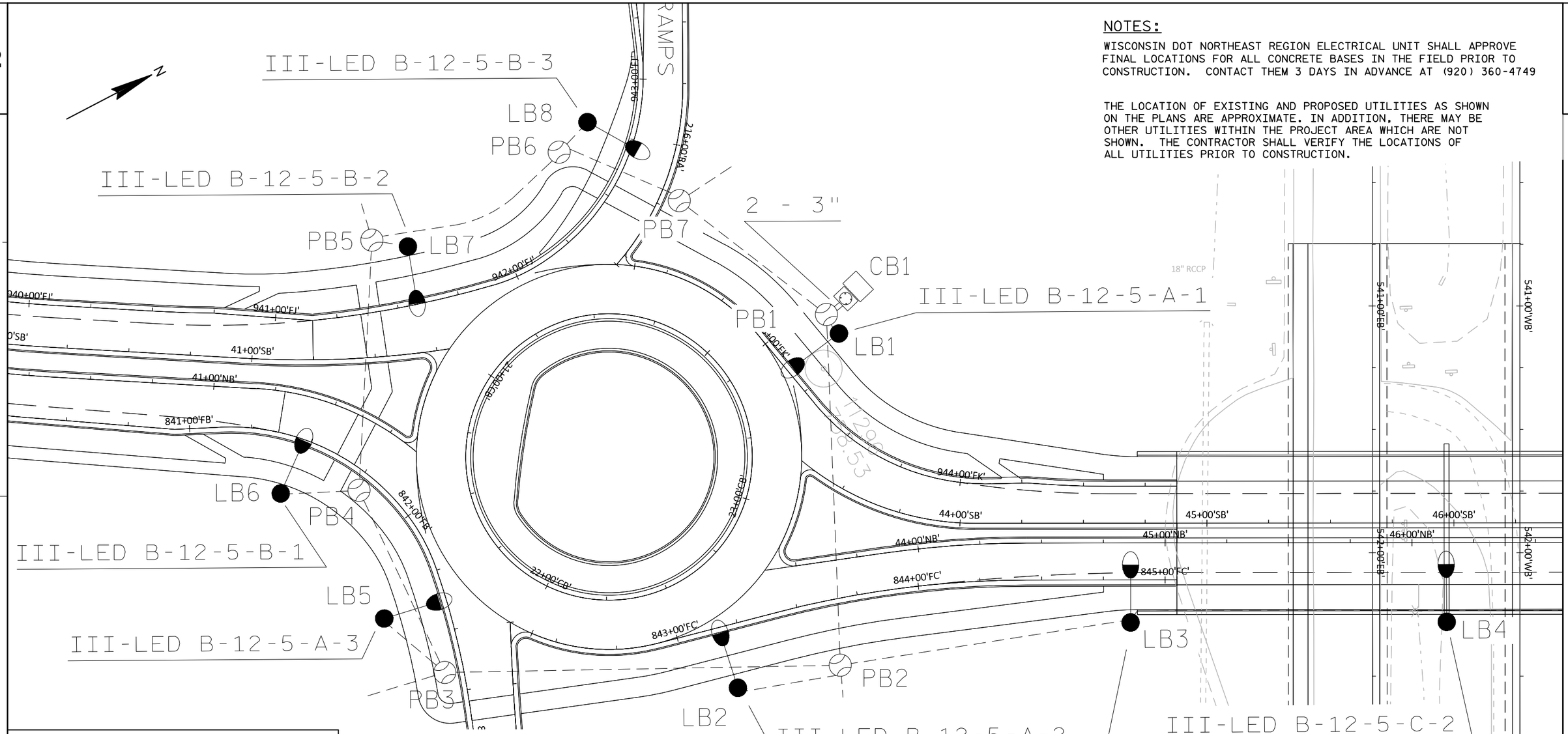
WISDOT/CADDS SHEET 42

2

NOTES:

WISCONSIN DOT NORTHEAST REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-4749

THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.



LEGEND

- LIGHTING CONTROL CABINET WITH METER BREAKER PEDESTAL
- 2" CONDUIT, NON-METALLIC (unless otherwise noted)
- LIGHTING UNIT
- PULL BOX 24" X 42"
- UTILITY POLE
- ELECTRIC, UNDERGROUND — E —
- ELECTRIC, OVERHEAD — OH —

EXAMPLE (see individual label on each lighting unit)

III-LED A-12-5-A-4

- LIGHT UNIT NUMBER IN CIRCUIT
- CIRCUIT ID
- BASE TYPE
- MAST ARM LENGTH (in feet)
- LAMP WATTAGE
- DISTRIBUTION TYPE

240 VOLT SYSTEM

120/240 VOLT ELECTRIC SERVICE

CONDUCTOR COLOR SCHEME

Circuit "A" = Black
Circuit "B" = Red
Circuit "C" = Blue
Circuit "D" = Brown
Circuit "E" = Orange
Circuit "F" = Yellow

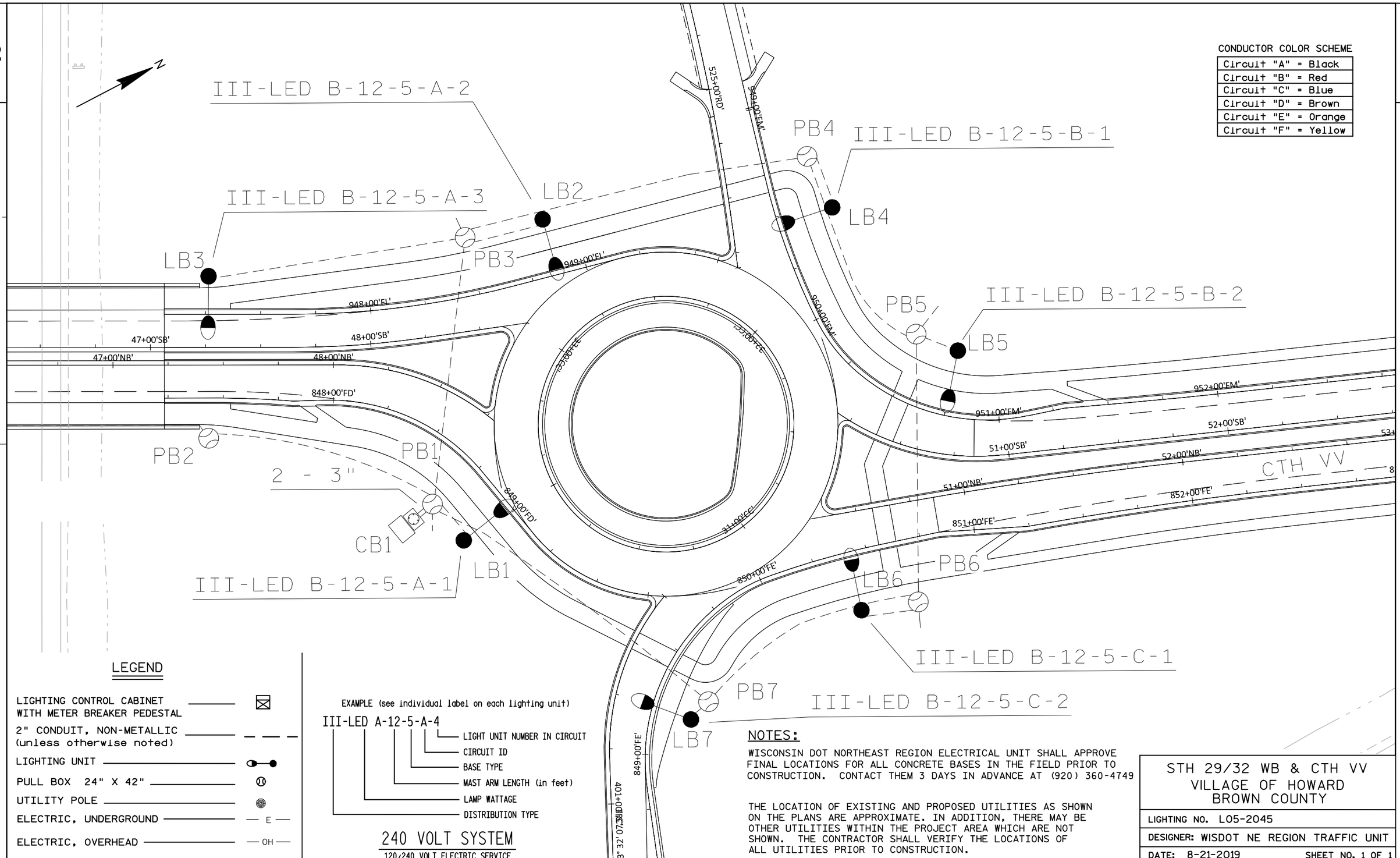
STH 29/32 EB & CTH VV
VILLAGE OF HOWARD
BROWN COUNTY

LIGHTING NO. L05-2025

DESIGNER: WISDOT NE REGION TRAFFIC UNIT

DATE: 8-21-2019 SHEET NO. 1 OF 1

PROJECT NO: 9200-10-71	HWY: 29/32	COUNTY: BROWN	CONSTRUCTION DETAIL - ROUNDABOUT LIGHTING	SHEET E



CONDUCTOR COLOR SCHEME

Circuit "A" = Black
Circuit "B" = Red
Circuit "C" = Blue
Circuit "D" = Brown
Circuit "E" = Orange
Circuit "F" = Yellow

LEGEND

- LIGHTING CONTROL CABINET WITH METER BREAKER PEDESTAL
- 2" CONDUIT, NON-METALLIC (unless otherwise noted)
- LIGHTING UNIT
- PULL BOX 24" X 42"
- UTILITY POLE
- ELECTRIC, UNDERGROUND — E —
- ELECTRIC, OVERHEAD — OH —

EXAMPLE (see individual label on each lighting unit)

III-LED A-12-5-A-4

- LIGHT UNIT NUMBER IN CIRCUIT
- CIRCUIT ID
- BASE TYPE
- MAST ARM LENGTH (in feet)
- LAMP WATTAGE
- DISTRIBUTION TYPE

240 VOLT SYSTEM

120/240 VOLT ELECTRIC SERVICE

NOTES:

WISCONSIN DOT NORTHEAST REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-4749

THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

STH 29/32 WB & CTH VV
VILLAGE OF HOWARD
BROWN COUNTY

LIGHTING NO. L05-2045

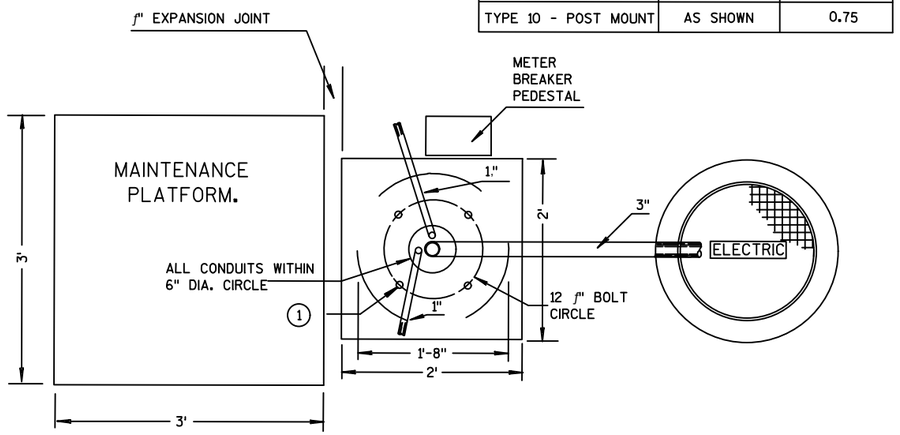
DESIGNER: WISDOT NE REGION TRAFFIC UNIT

DATE: 8-21-2019 SHEET NO. 1 OF 1

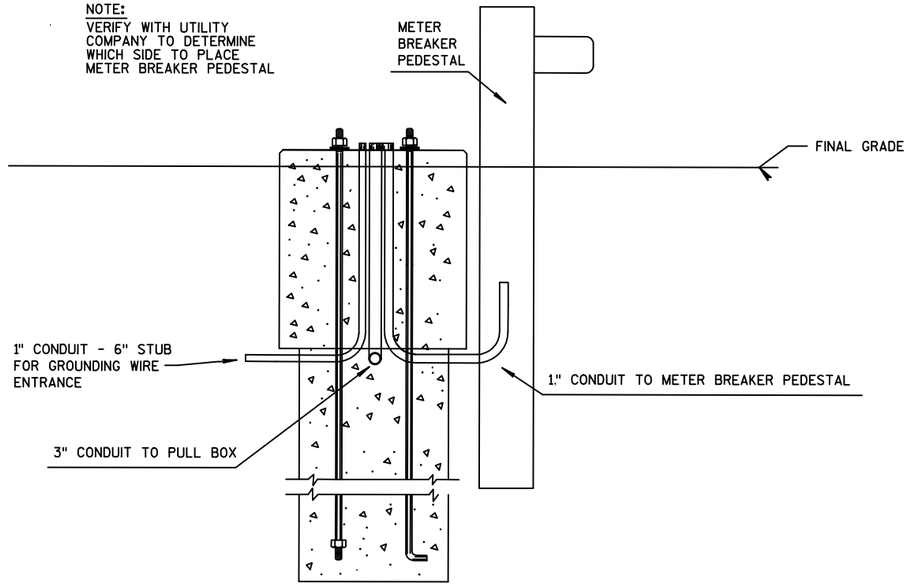
PROJECT NO: 9200-10-71	HWY: 29/32	COUNTY: BROWN	CONSTRUCTION DETAIL - ROUNDABOUT LIGHTING	SHEET E

PRE_399

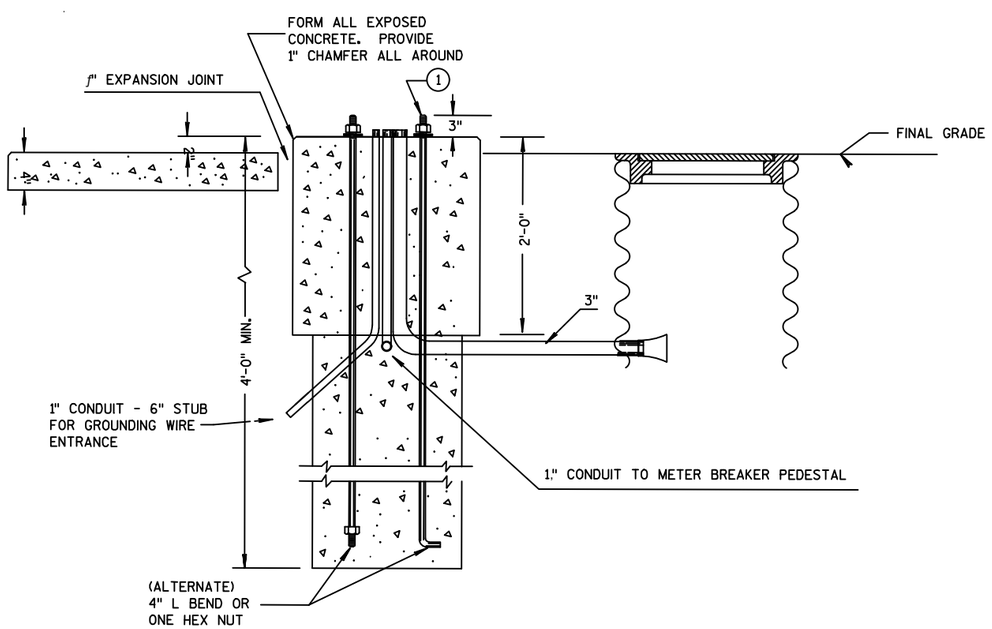
CONTROL CABINET BASE TYPE	DIMENSIONS	C.Y. CONCRETE (APPROX.)
TYPE 10 - POST MOUNT	AS SHOWN	0.75



PLAN VIEW



FRONT VIEW



PROFILE VIEW

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL.

WHEN A TYPE 10 CONTROL CABINET BASE IS USED TO POST MOUNT A CONTROL CABINET, A 36" SQUARE 4" THICK CONCRETE MAINTENANCE PLATFORM SHALL BE REQUIRED ON THE DOOR SIDE OF THE CABINET. THE TOP 1 INCH SHALL BE ABOVE FINISHED GRADE AND BE BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

ALL CONDUIT ENDS AT THE TOP OF THE CONCRETE BASE SHALL PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN ANCHOR RODS USING THE ALTERNATE L BEND ARE FURNISHED FOR THE TYPE 10 BASE, THE 4" L BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH.

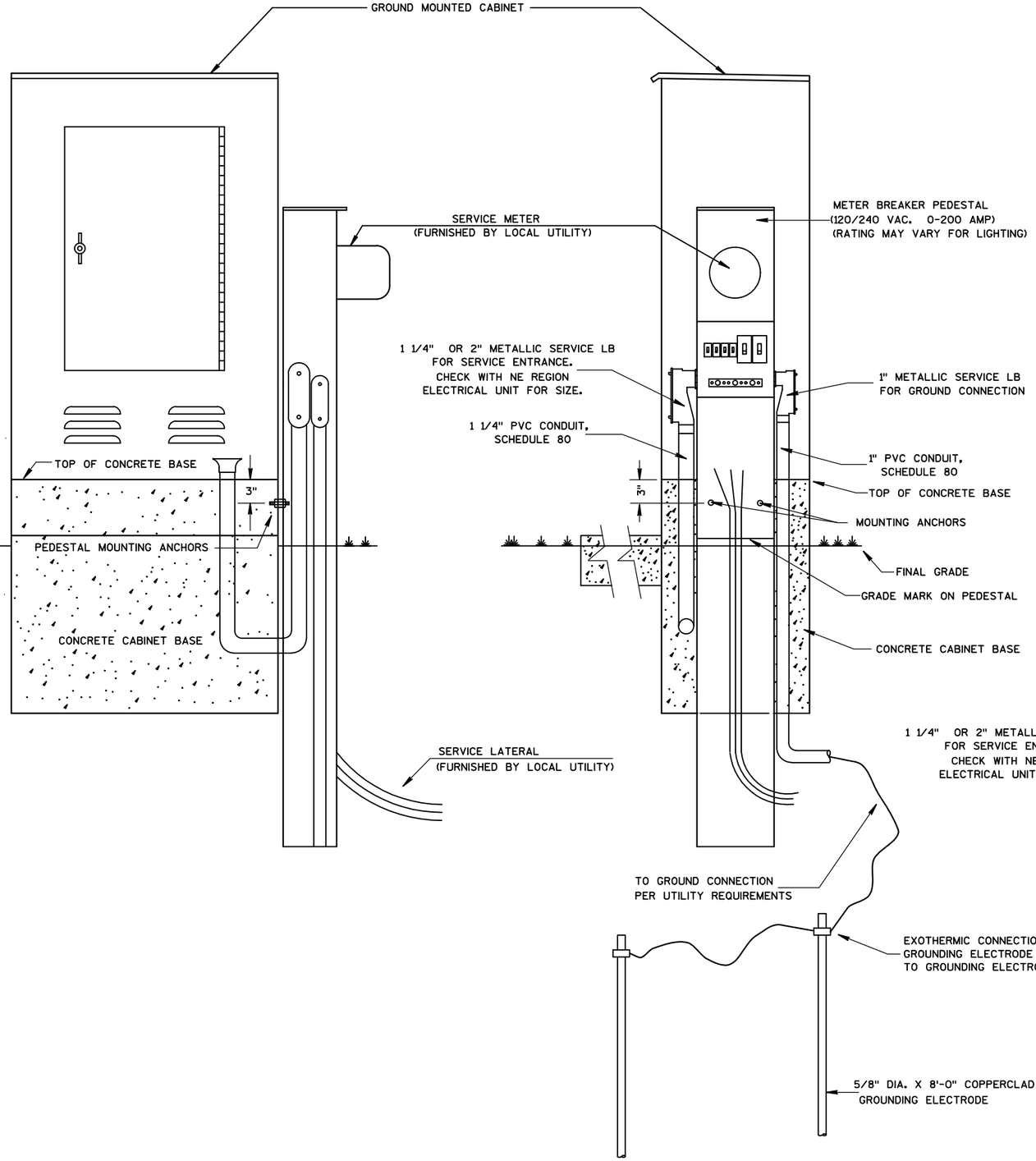
THE "L" BEND SHALL NOT BE THREADED.

STRAIGHT ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD.

FOUR (4) ANCHOR RODS, 1" DIA. X 3'-6"
ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND 641.2.2 OF THE STANDARD SPECIFICATIONS AND IN ACCORDANCE WITH A-449, OR ASTM. A-687 (GRADE 105).

PROJECT NO: 9200-10-71	HWY: 29/32	COUNTY: BROWN	CONSTRUCTION DETAIL - LIGHTING CABINET BASE, TYPE 10 NER	SHEET E

PRE_400



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

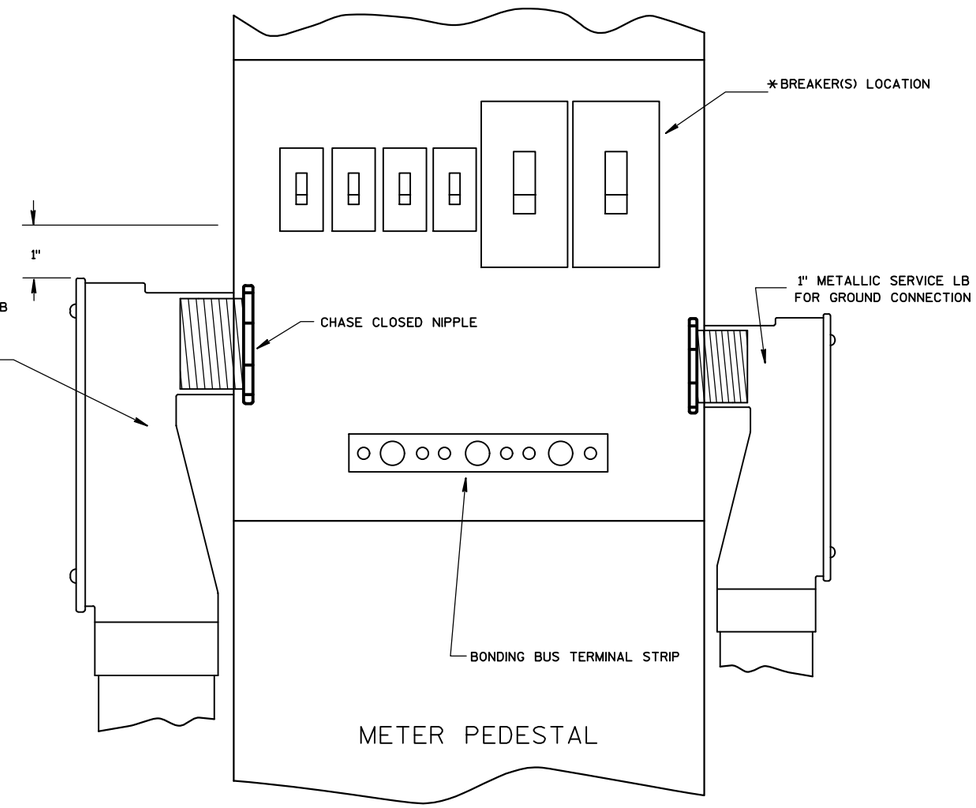
WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT OR SCHEDULE 80 PVC, NIPPLES AND/OR CONDULETS AS REQUIRED. CONDUIT LB SHALL BE OF METALLIC SERVICE ENTRANCE TYPE.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER NEC.

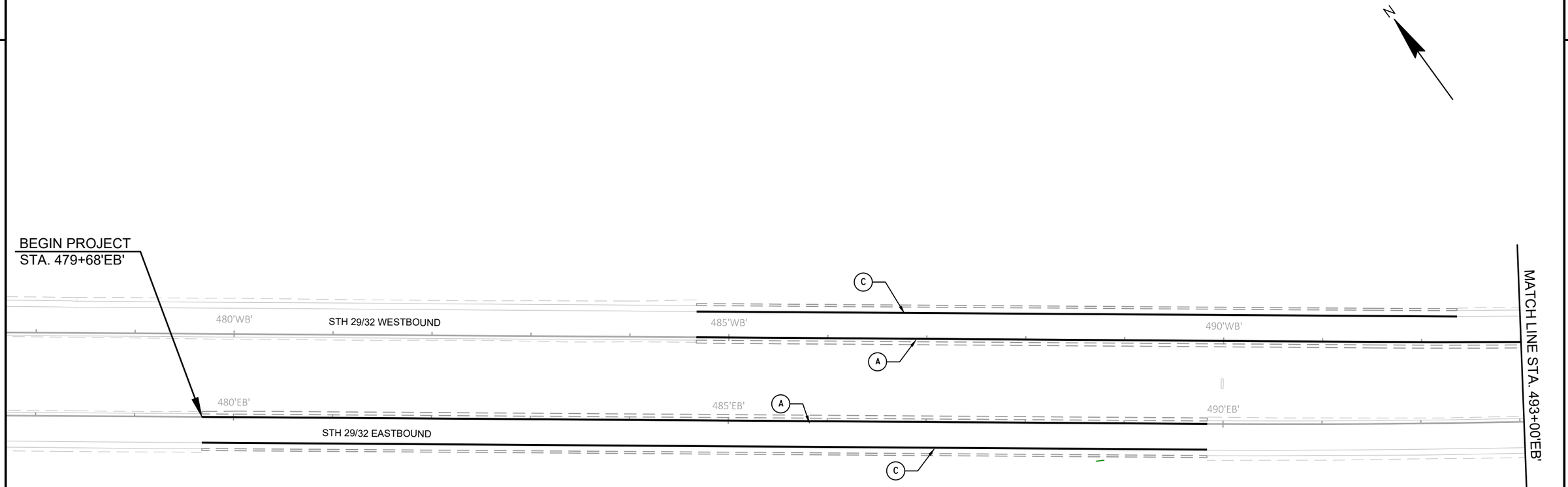
* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.



PROJECT NO: 9200-10-71	HWY: 29/32	COUNTY: Brown	CONSTRUCTION DETAIL- NER METER PEDESTAL INSTALLATION	SHEET PRE_401 E

2

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

PRE_402

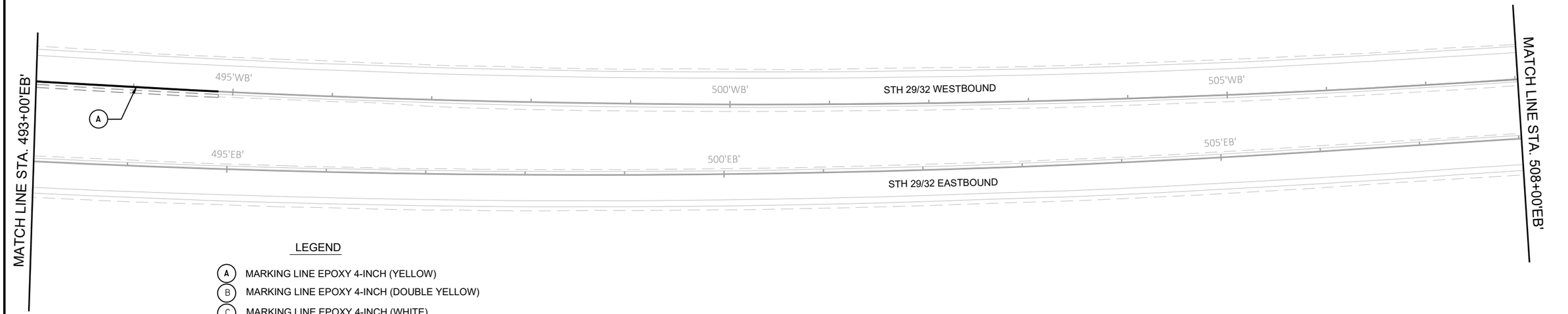
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 1/22/2020 8:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

2

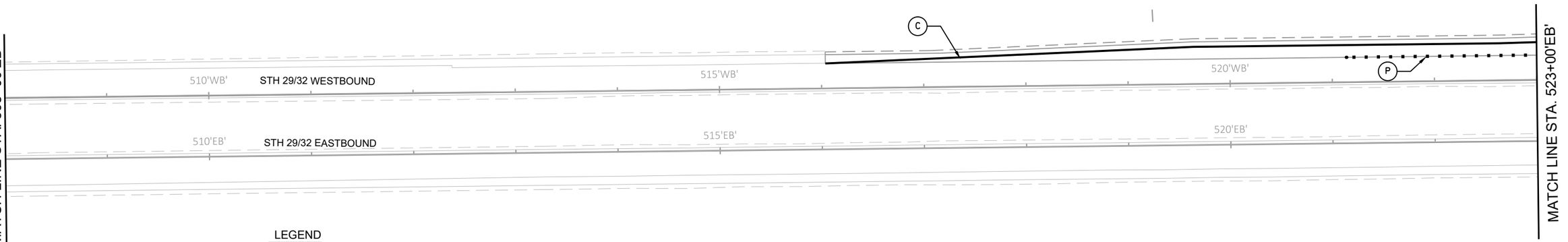


LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

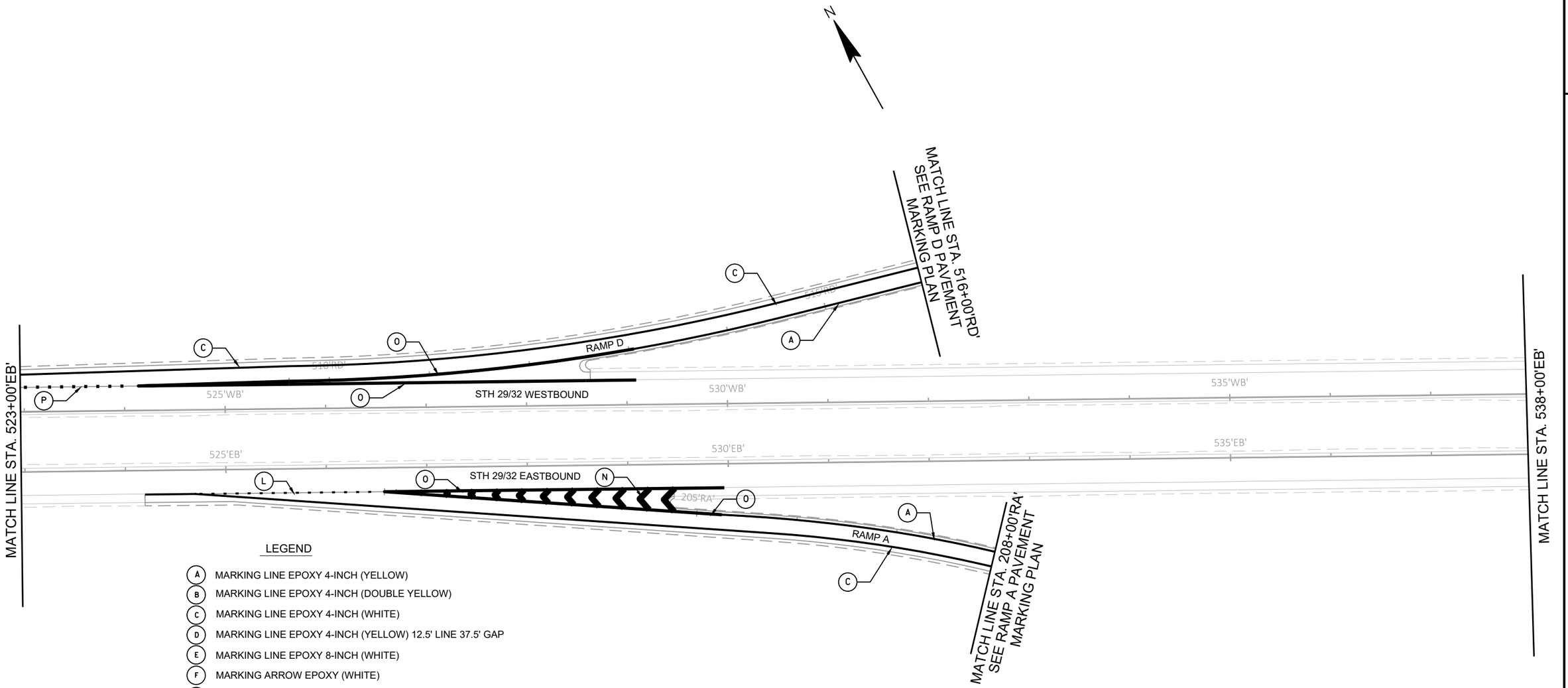
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

PRE_404

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 1/22/2020 8:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

2



LEGEND

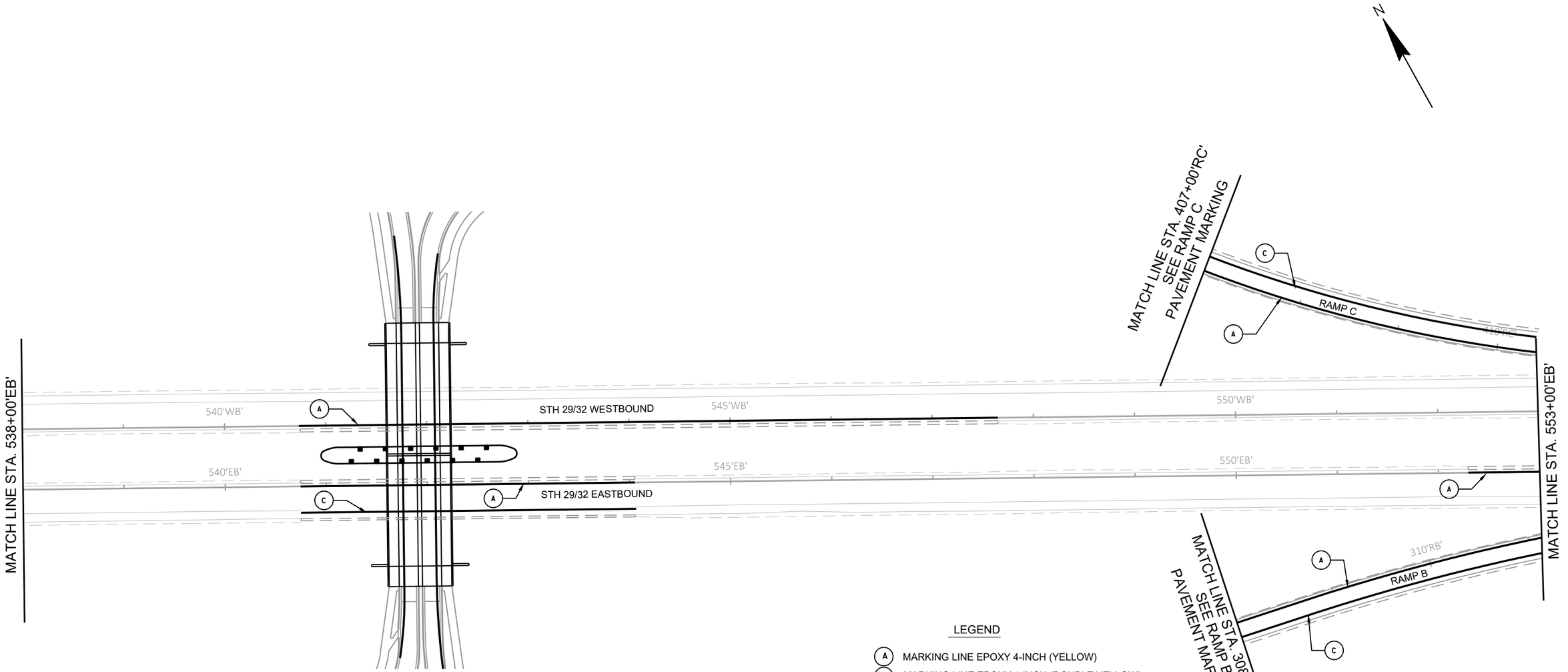
- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

PRE_405

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 021204 pm
PLOT DATE : 1/22/2020 8:53 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

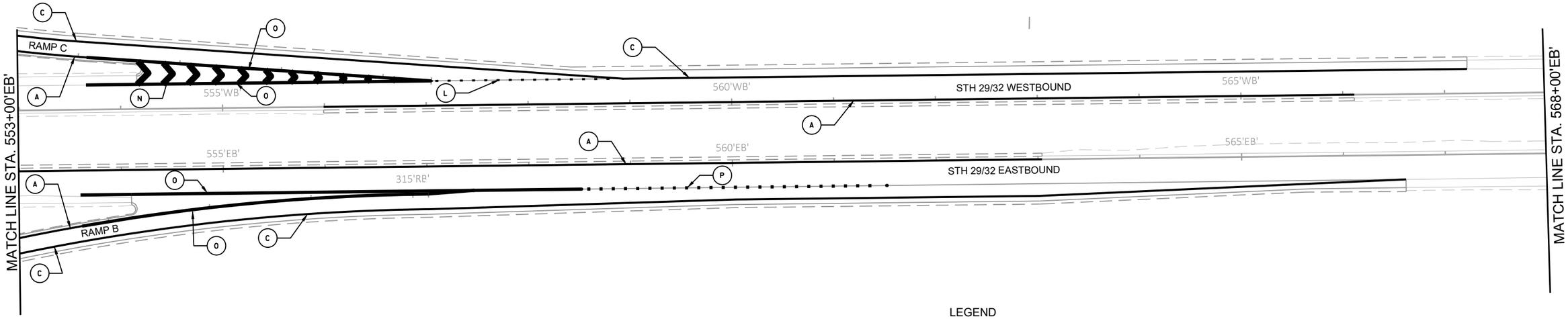
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

PRE_406

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024505-pm

PLOT DATE : 1/22/2020 8:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

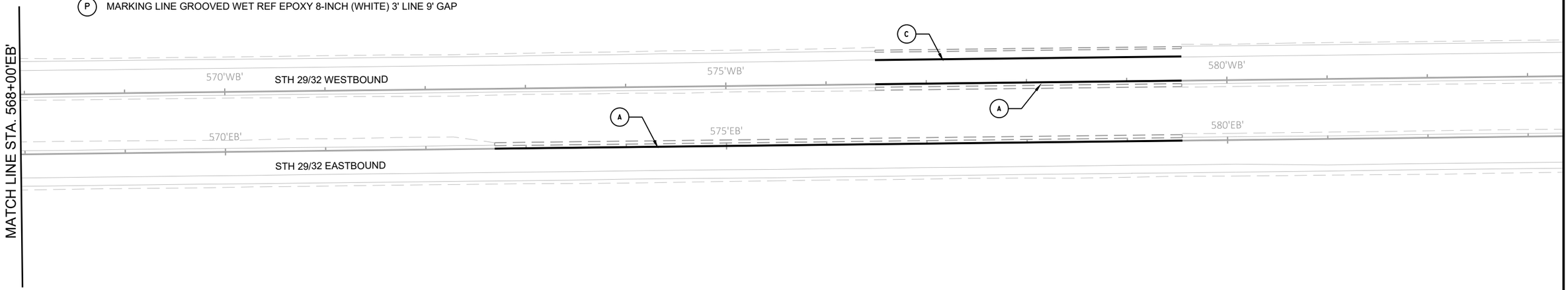
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024506 pm
PLOT DATE : 1/22/2020 8:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

2

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - STH 29	SHEET E

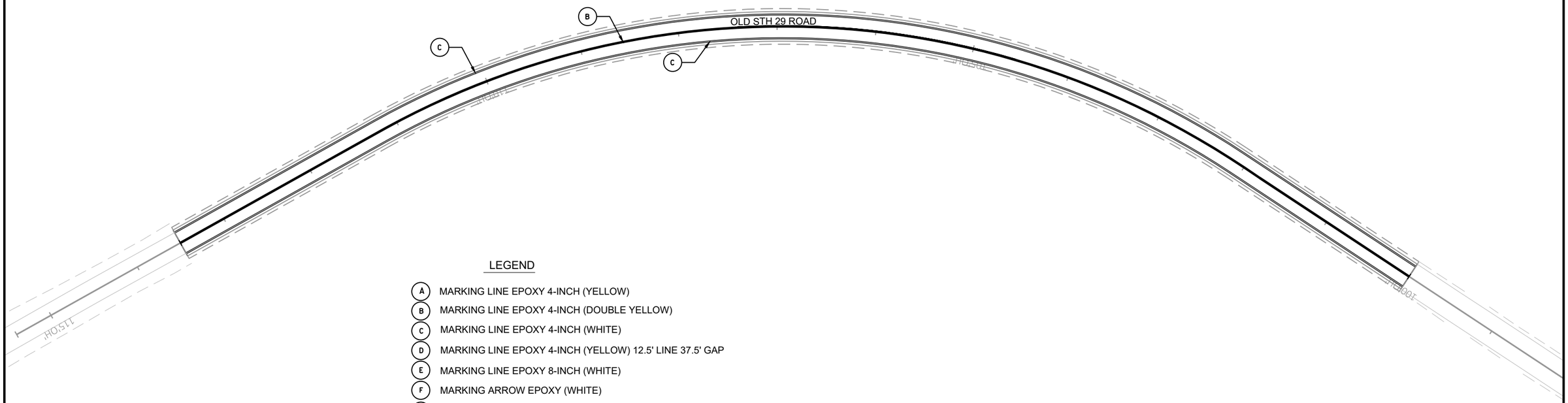
PRE_408

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PM.DWG
LAYOUT NAME - 024507 pm

PLOT DATE : 1/22/2020 8:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - OLD STH 29 RD.	SHEET E

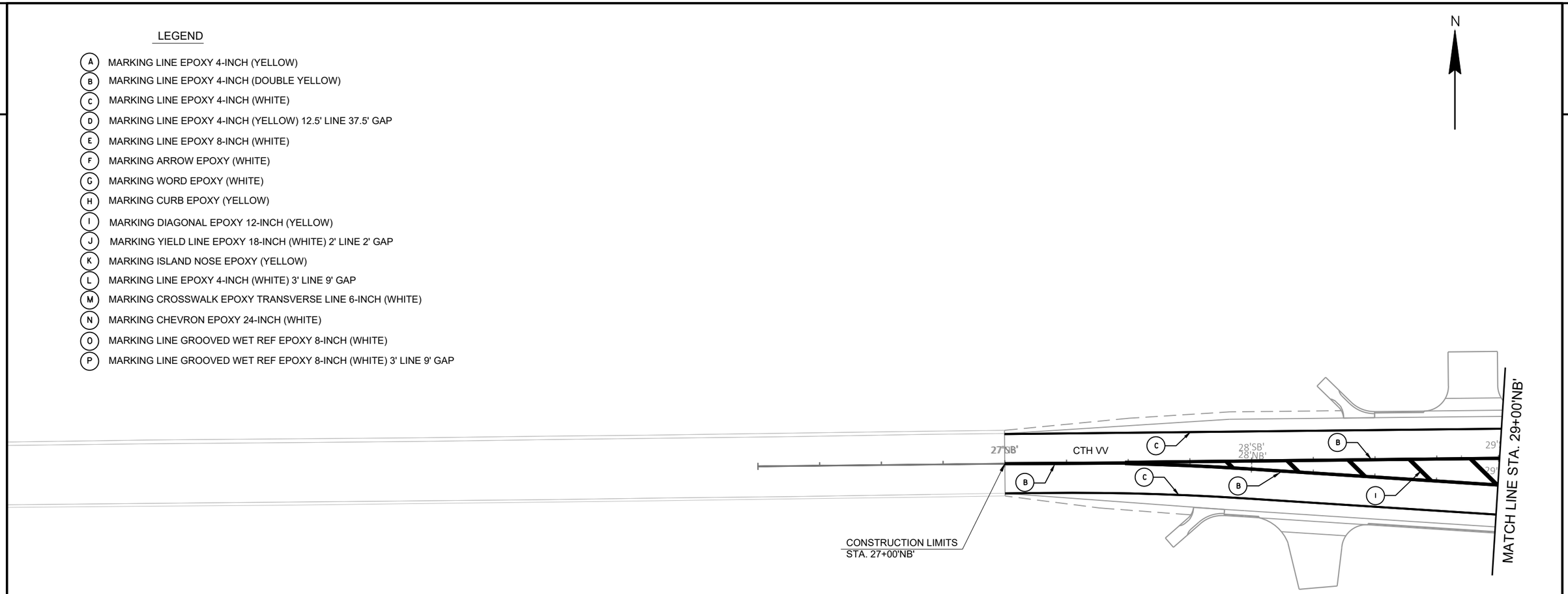
PRE_409

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024508 PD.DWG
LAYOUT NAME - 024508 pd
PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH VV	SHEET E

PRE_410

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024509 pm

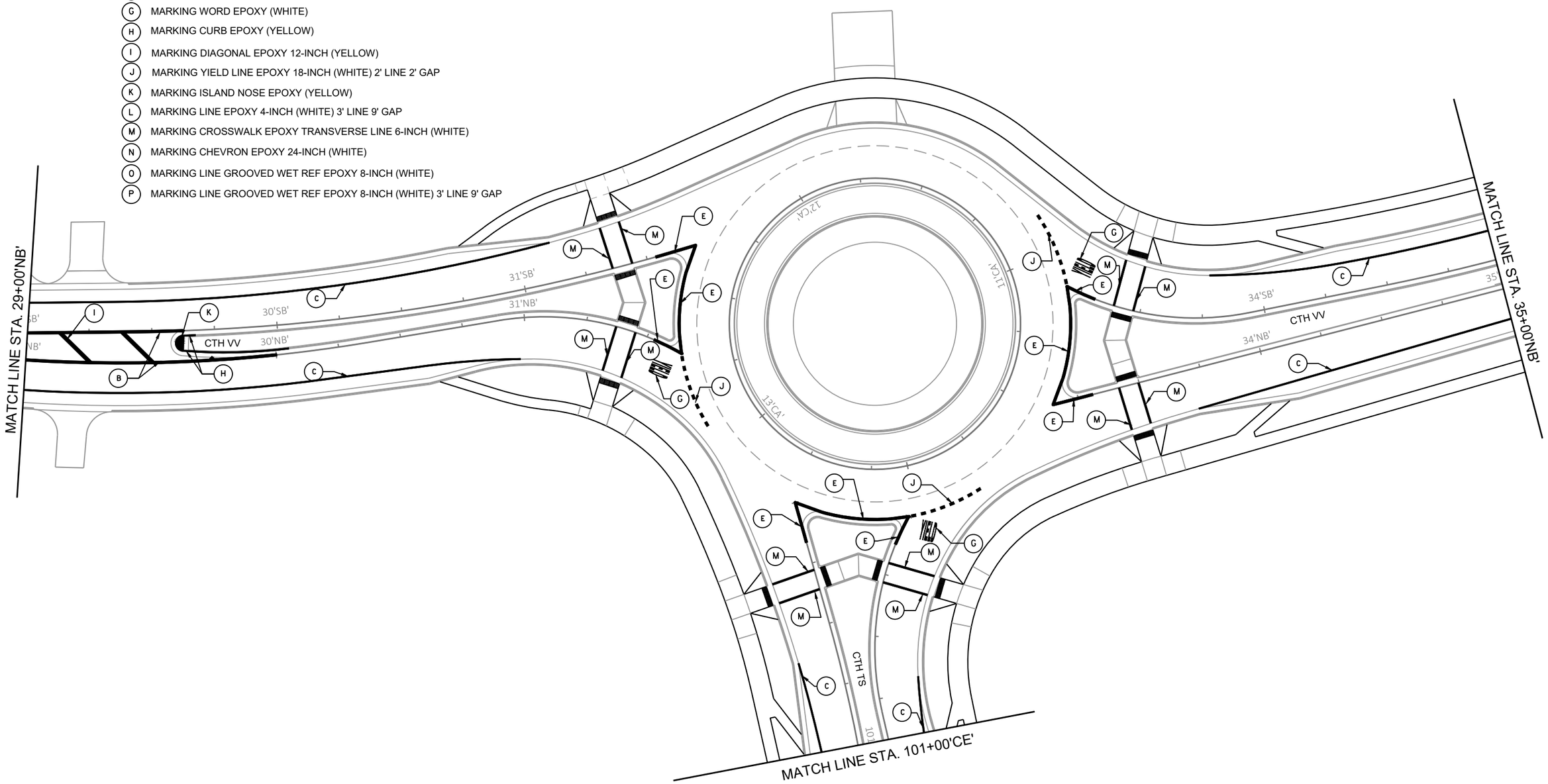
PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH VV	SHEET E

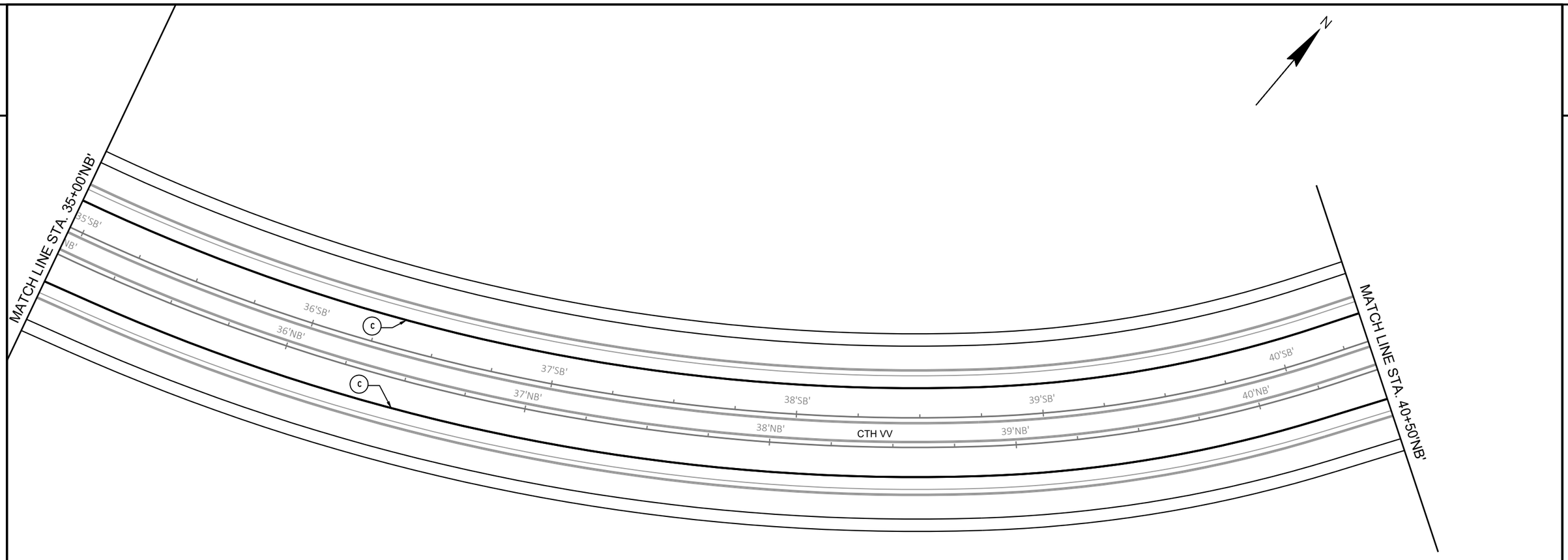
PRE_411

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024510 pm

PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

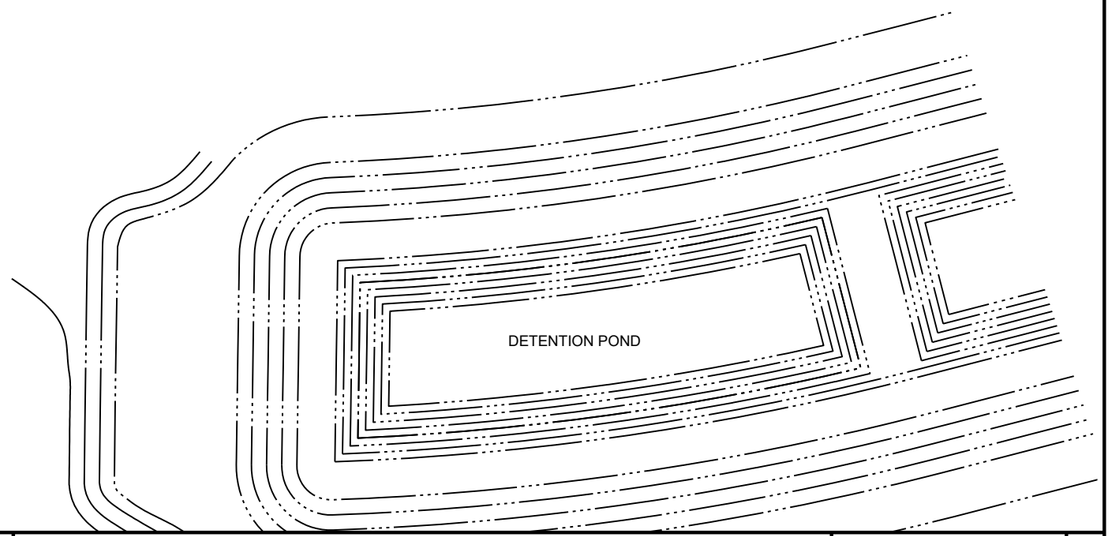
WISDOT/CADDS SHEET 42

2



LEGEND

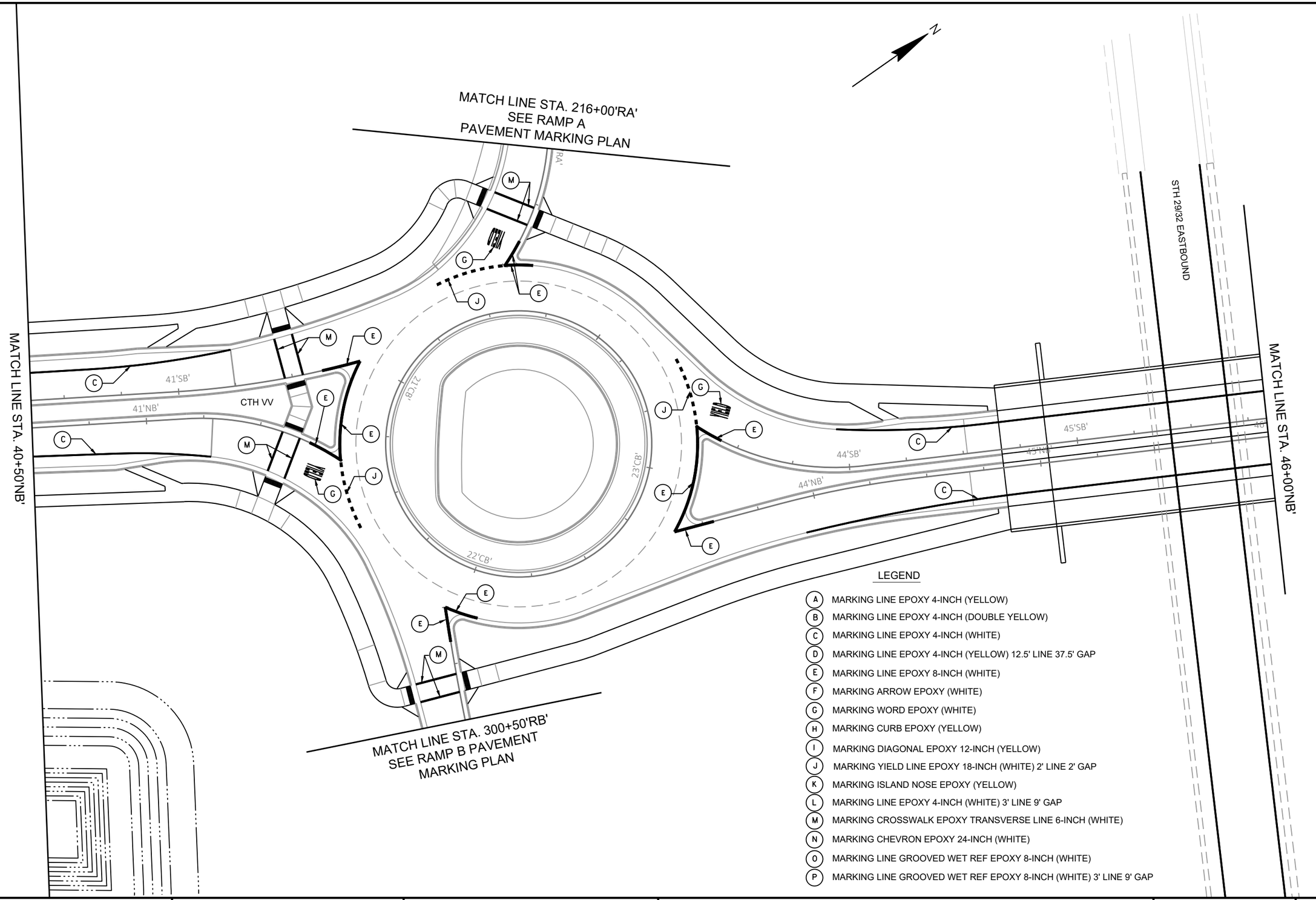
- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024511 pm
PLOT DATE : 1/22/2020 8:54 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
PRE_412
WISDOT/CADDS SHEET 42

2



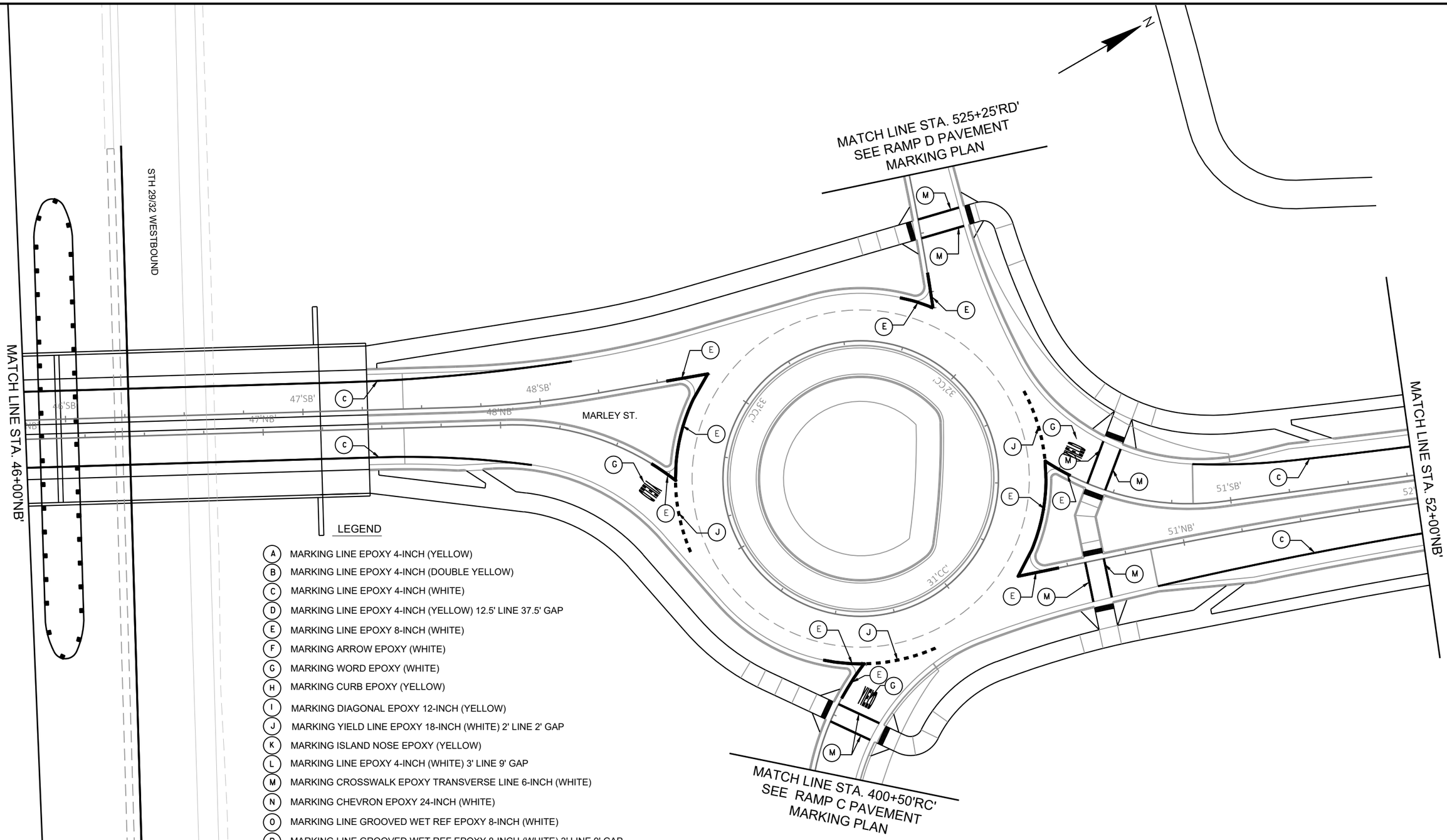
LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MAKRING - CTH VV	SHEET E

PRE_413

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

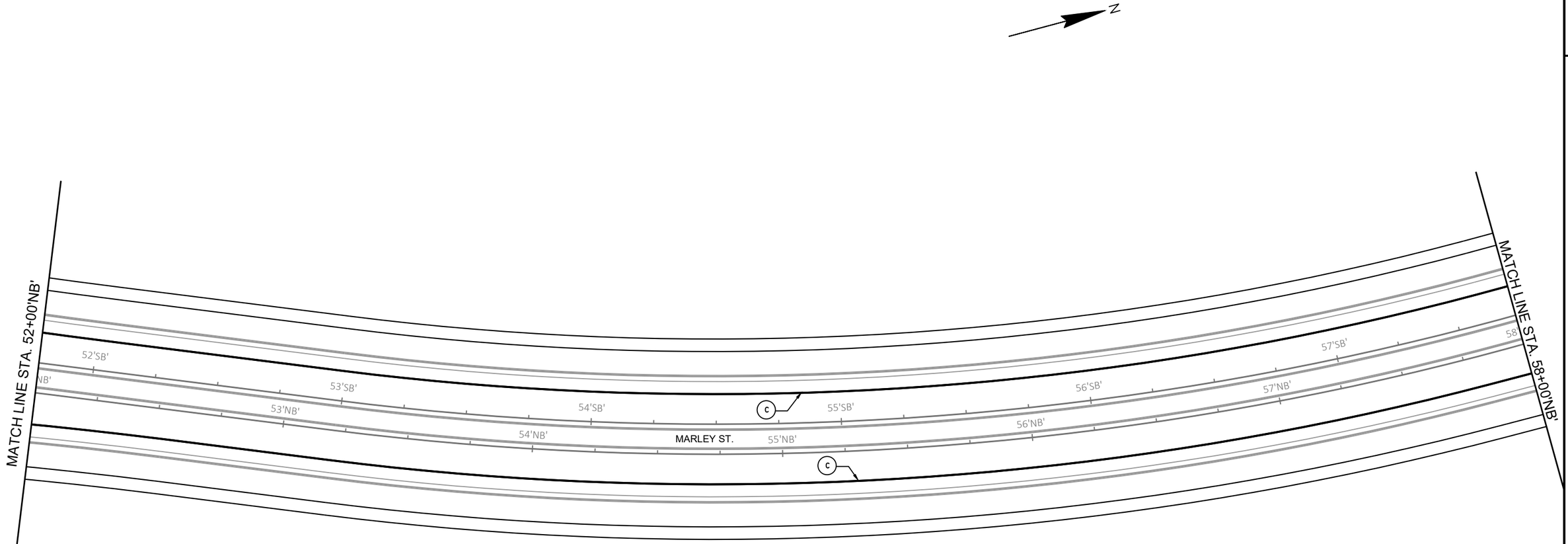
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - MARLEY ST.	SHEET E

PRE_414

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024513 pm

PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - MARLEY ST.	SHEET E

PRE_415

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024514 pm
PLOT DATE : 1/22/2020 8:54 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

MATCH LINE STA. 58+00'NB'

MARLEY ST.

58'SB'

59'SB'

59'NB'

42CD

43CD

41CD

62'SB'

63'SB'

62'NB'

63'NB'

MARLEY ST.

MATCH LINE STA. 63+50'NB'

EVERGREEN AVE.

MATCH LINE STA. 601+00'EGE'
SEE EVERGREEN AVE.
PAVEMENT MARKING PLAN

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - MARLEY ST.	SHEET E

PRE_416

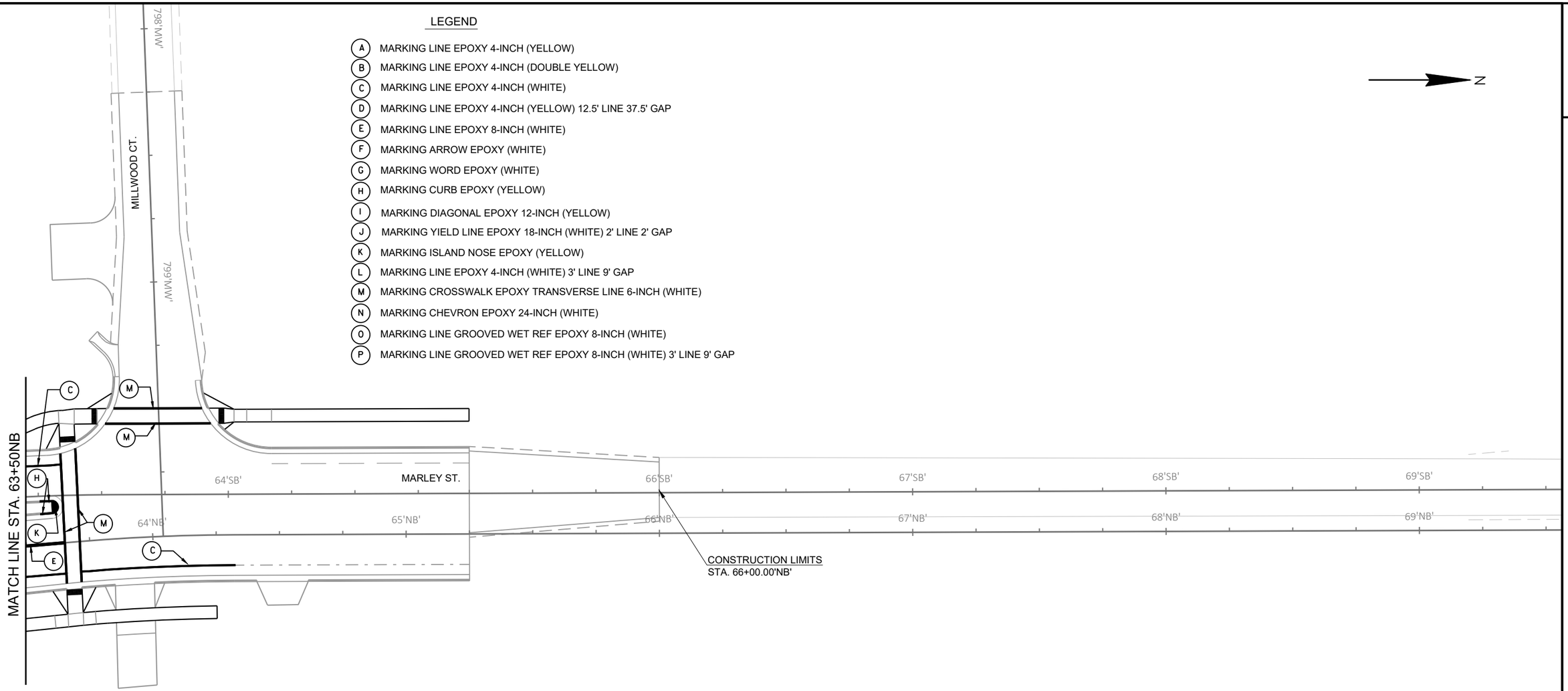
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024515 pm

PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - MARLEY ST.	SHEET E

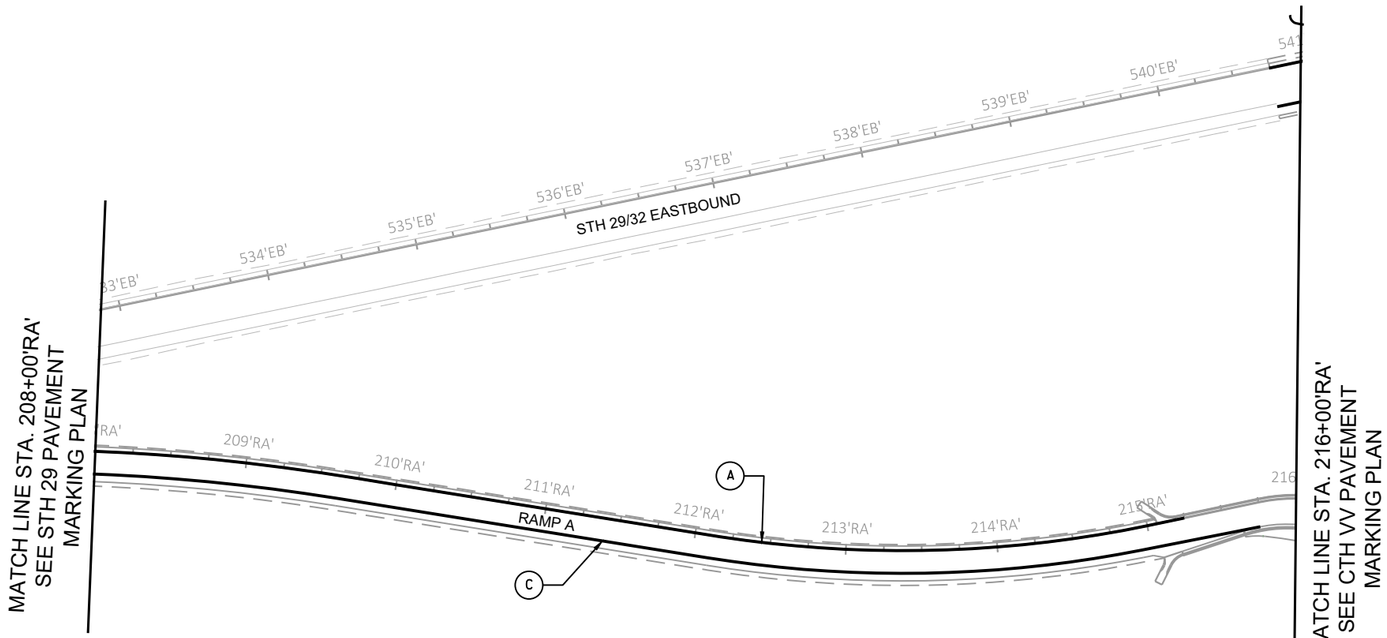
PRE_417

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024511 PM.DWG
LAYOUT NAME - 024516 pm

PLOT DATE : 1/22/2020 8:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

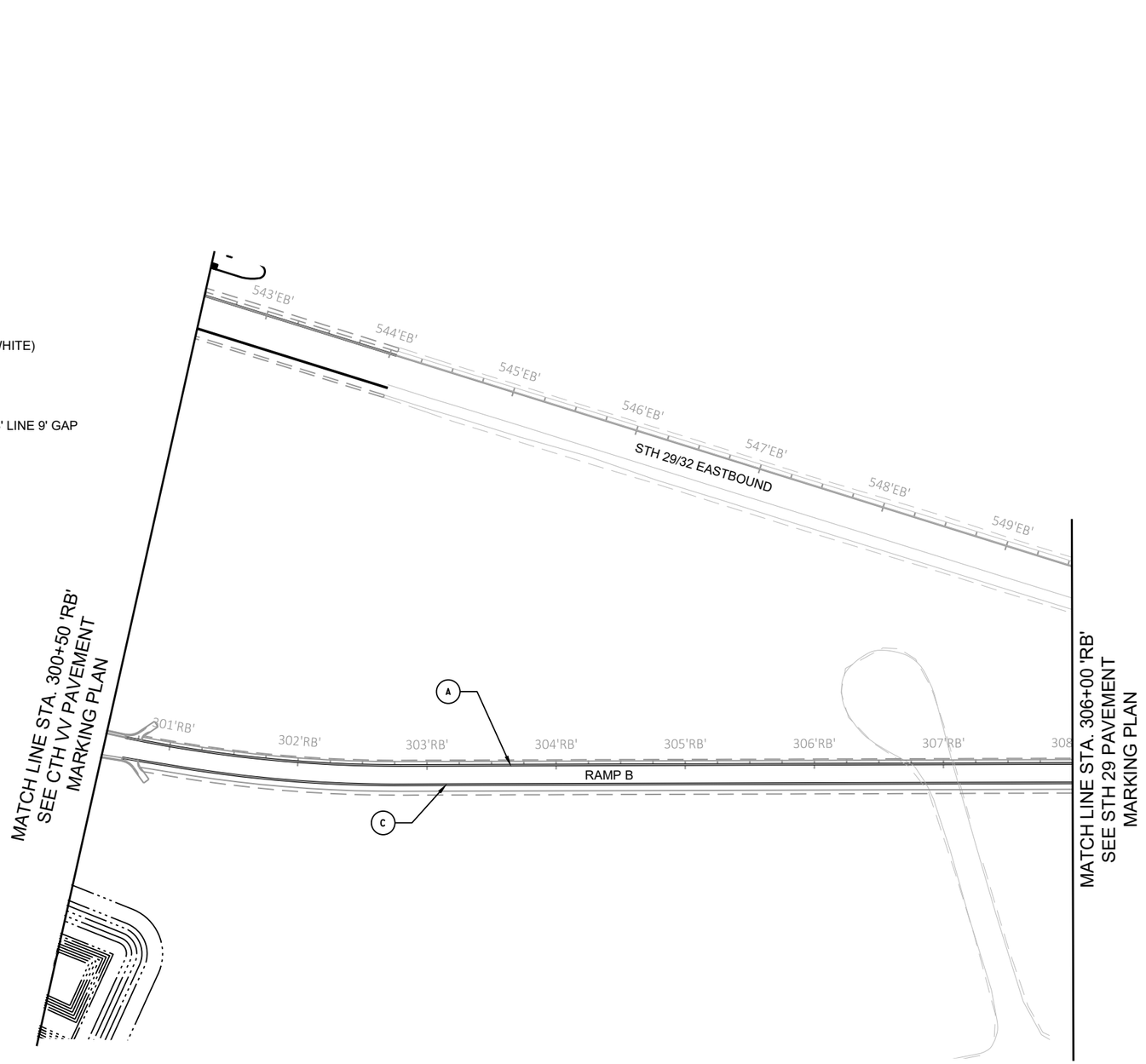
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - RAMP A	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024504-PMRA.DWG
LAYOUT NAME - 024518 pm
PLOT DATE : 1/22/2020 8:55 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - RAMP B	SHEET E

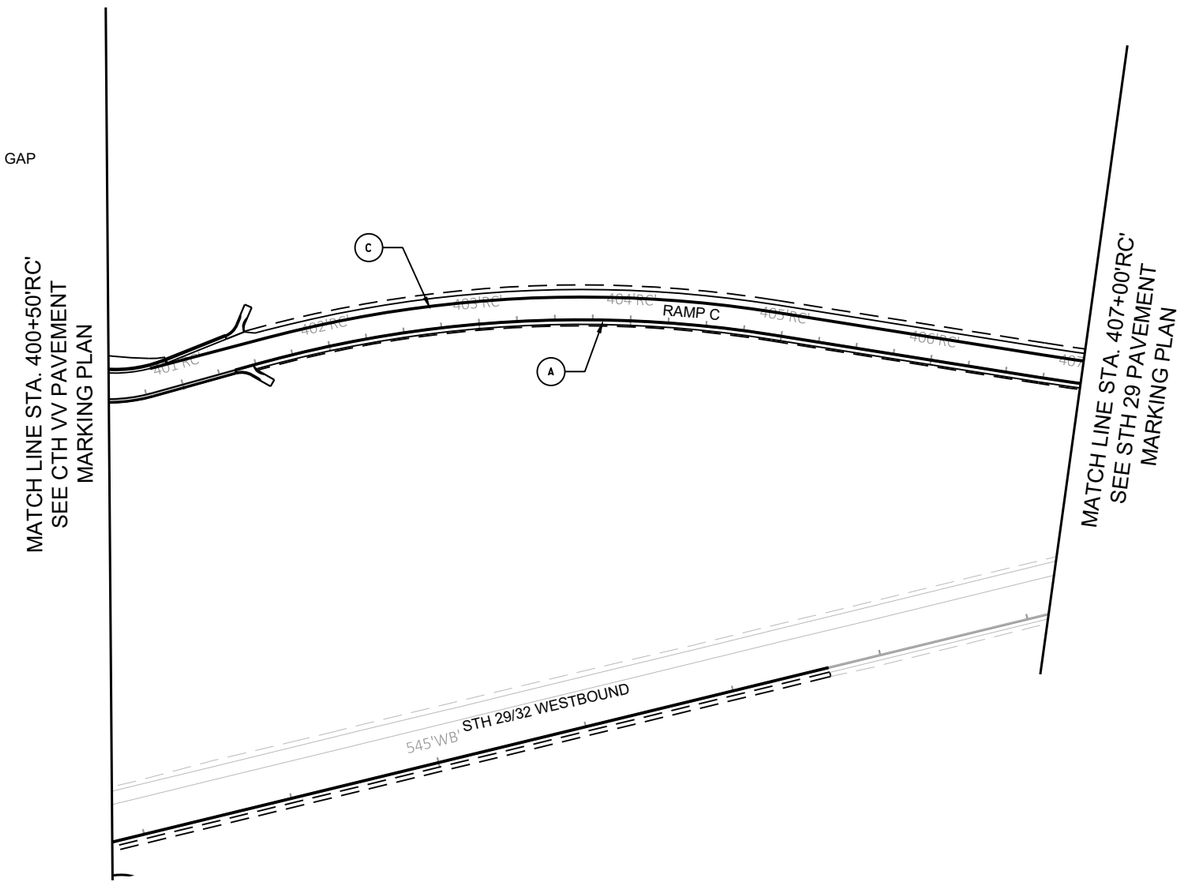
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024505-PMRB.DWG
LAYOUT NAME - 024519 pm

PLOT DATE : 1/22/2020 8:55 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

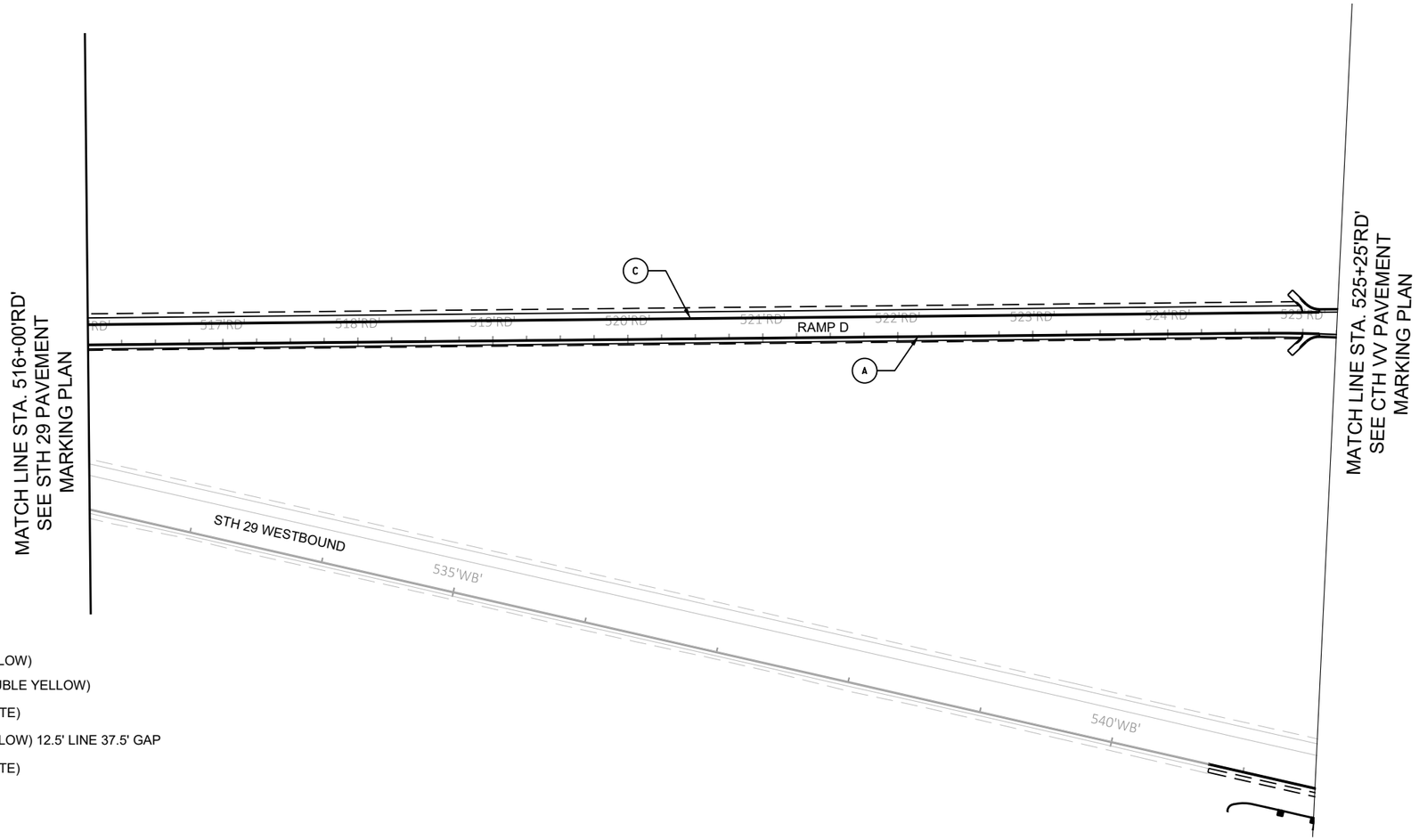
PRE_419

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

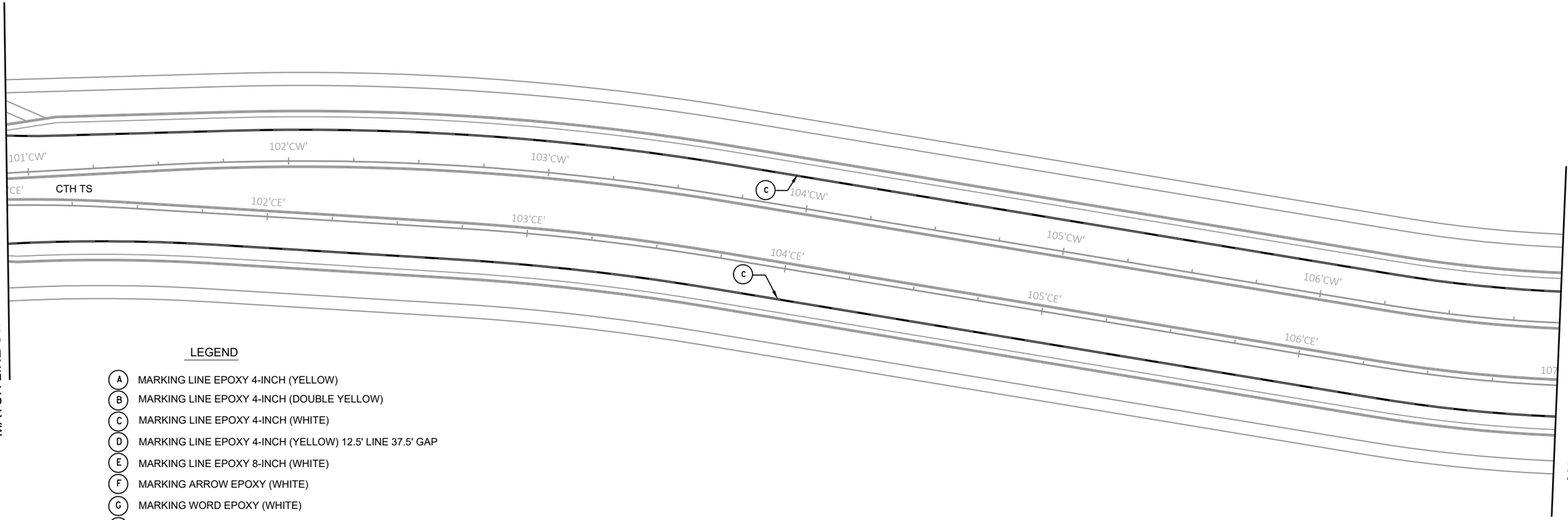
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - RAMP D	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024507-PMRD.DWG
LAYOUT NAME - 024525 pm
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

MATCH LINE STA. 101+00'CE' SEE CTH VV PAVEMENT MARKING PLAN



MATCH LINE STA. 107+00'CE'

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH TS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024508-PMCN.DWG
LAYOUT NAME - 024527 pm
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_422

2

2

MATCH LINE STA. 107+00'CE'

MATCH LINE STA. 113+00'CE'

CTH TS

107'CW'

108'CW'

109'CW'

110'CW'

111'CW'

112'CW'

108'CE'

109'CE'

110'CE'

111'CE'

112'CE'

C

C

N

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH TS	SHEET E

PRE_423

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024508-PMCN.DWG
LAYOUT NAME - 024528 pm

PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 113+00'CE'

113'CW'

114'CW'

114'CE'

115'CW'

116'CW'

117'CW'

118

115'CE'

115'CE'

116'CE'

117'CE'

118

CTH TS

C

C

MATCH LINE STA. 118+00'CE'

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH TS	SHEET E

PRE_424

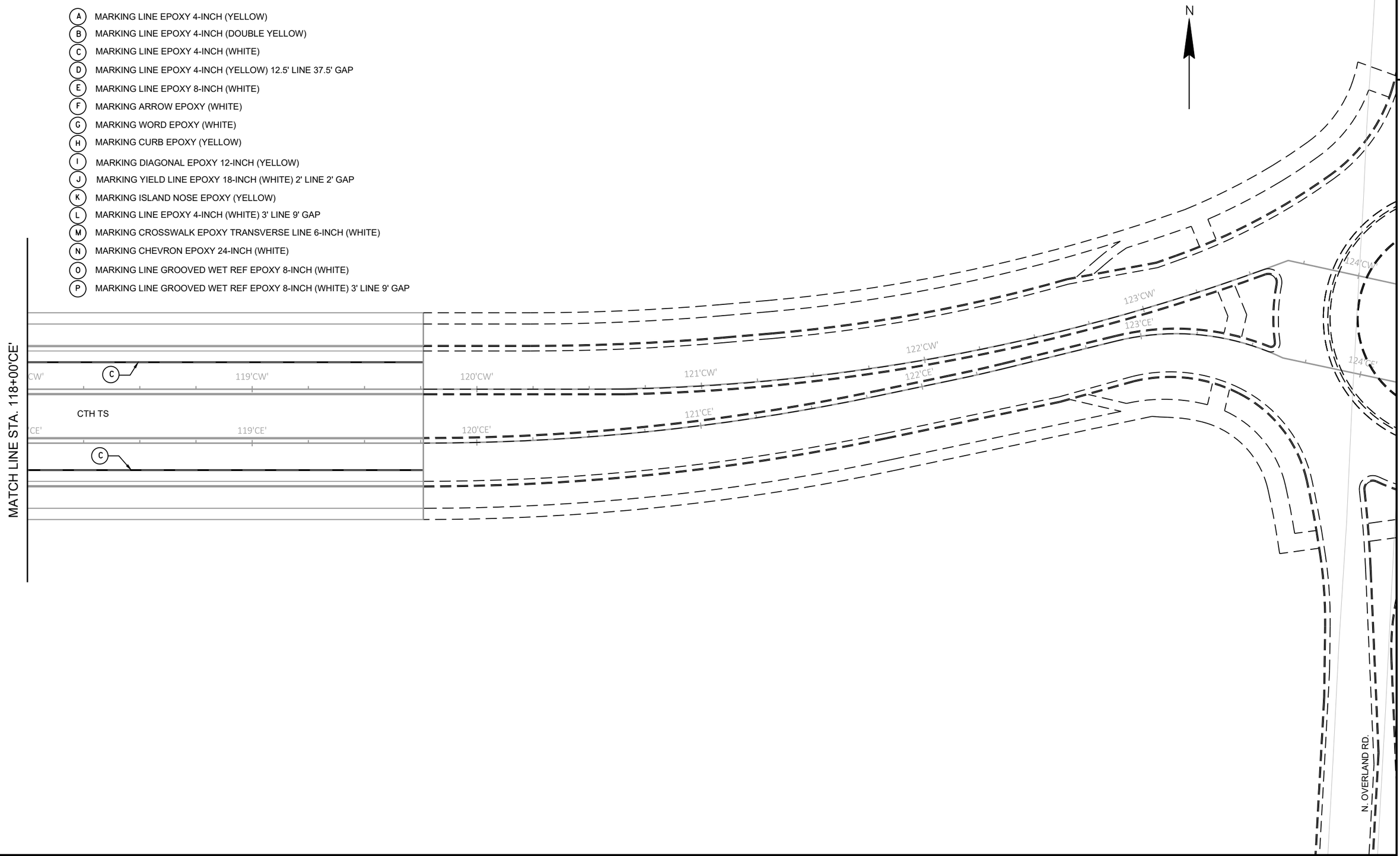
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024508-PMCN.DWG
LAYOUT NAME - 024529 pm

PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - CTH TS	SHEET E

PRE_425

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024508-PMCN.DWG
LAYOUT NAME - 024530 pm

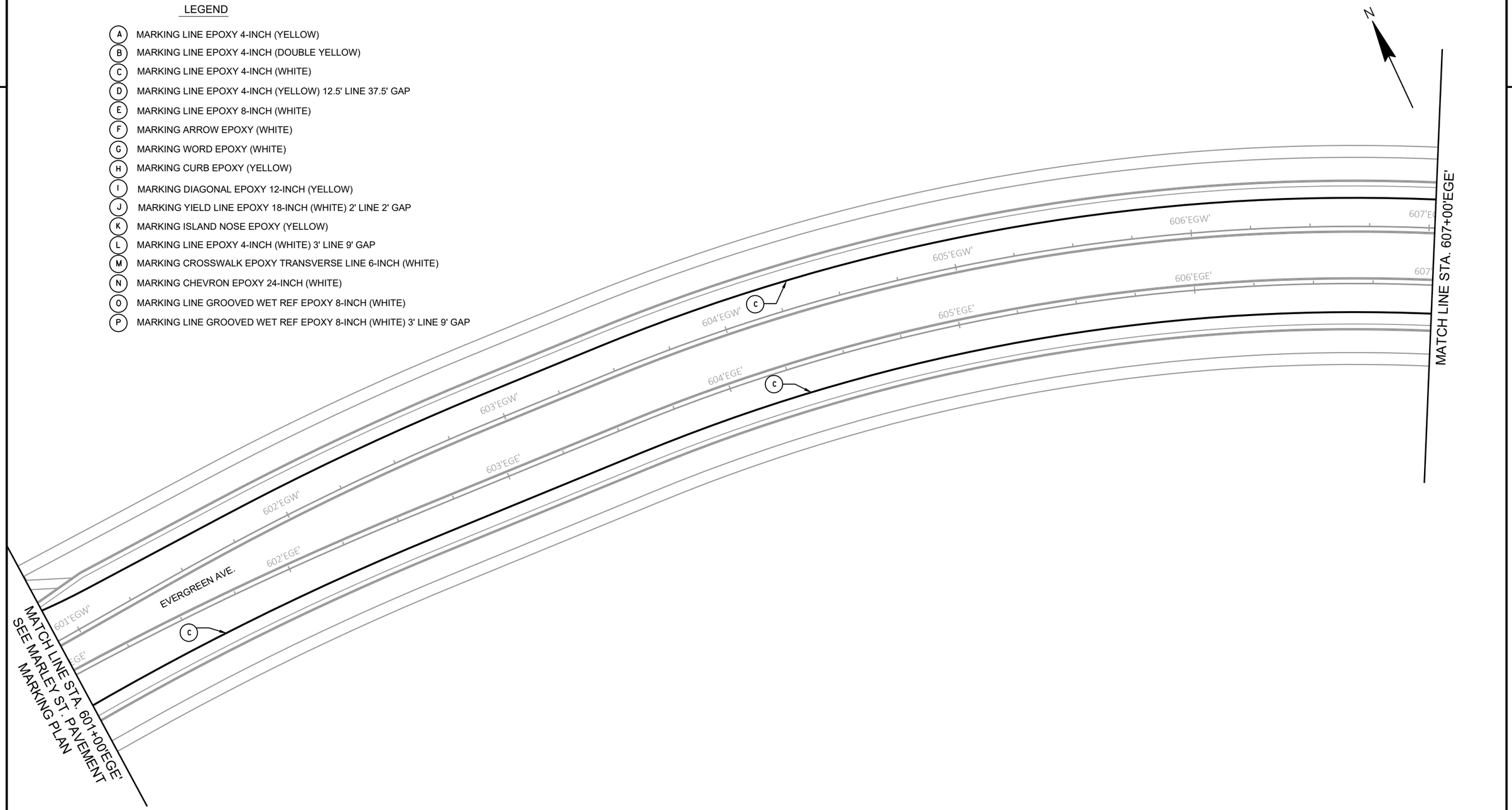
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024531 pm
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

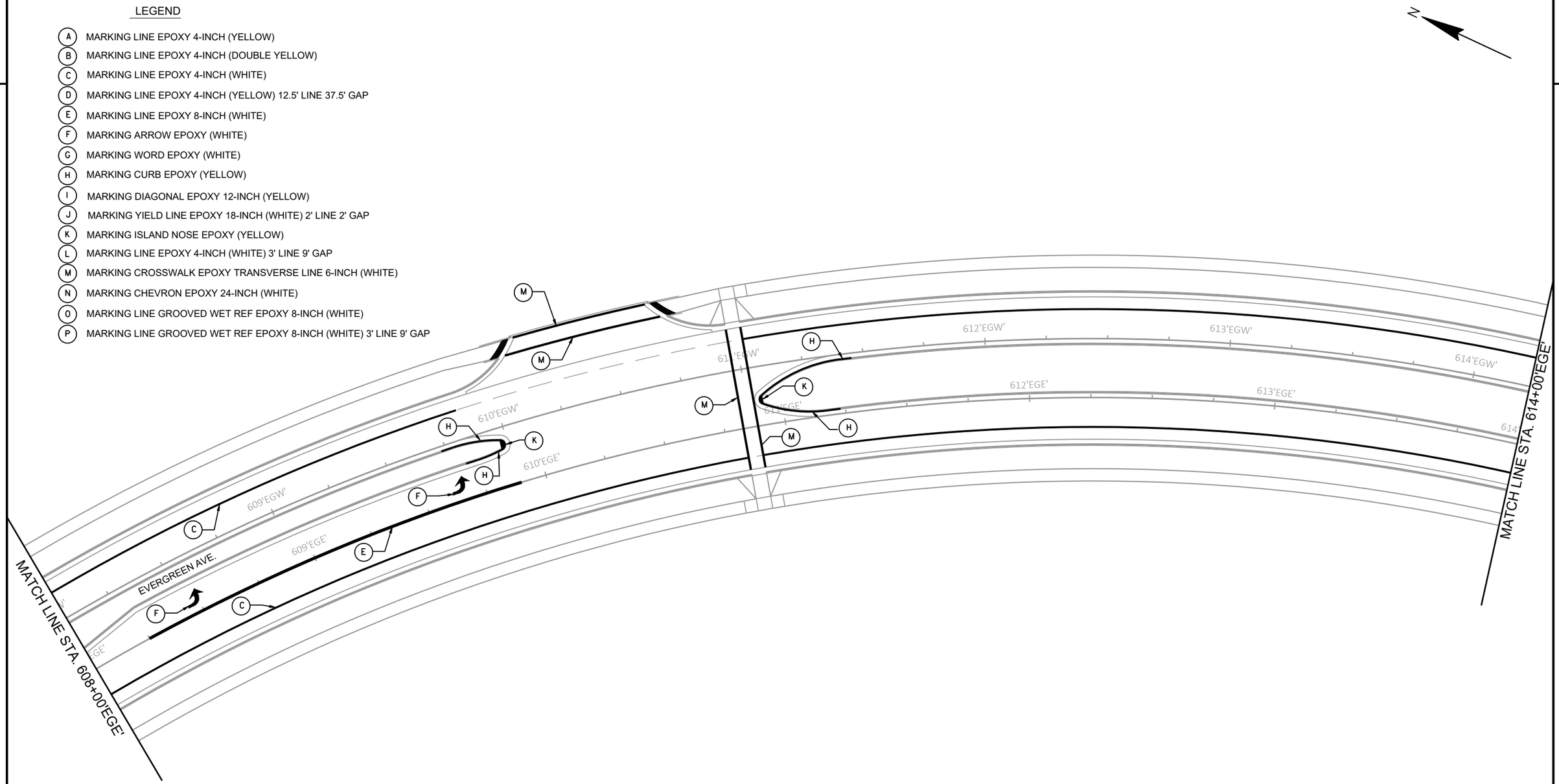
PRE_426

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

PRE_427

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024532 pm

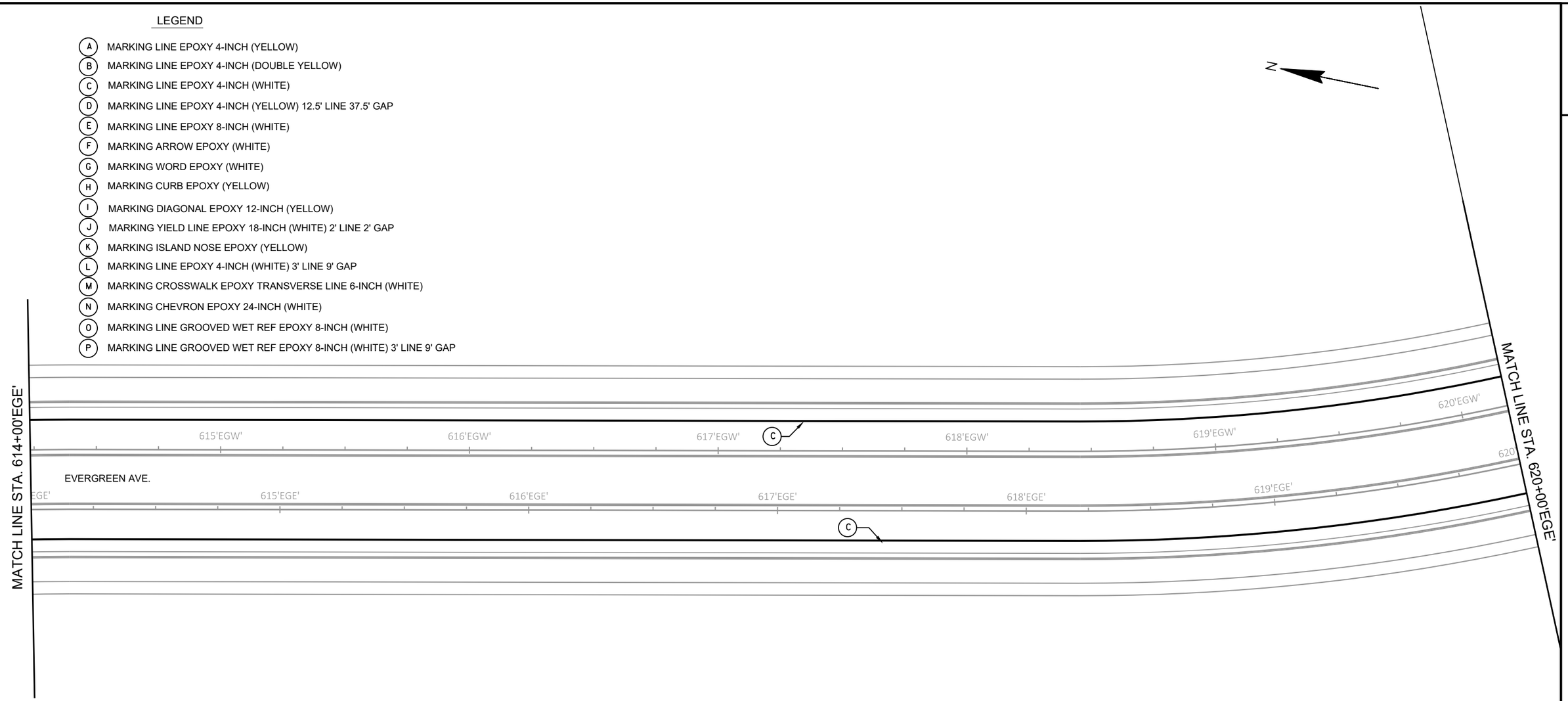
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



2

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

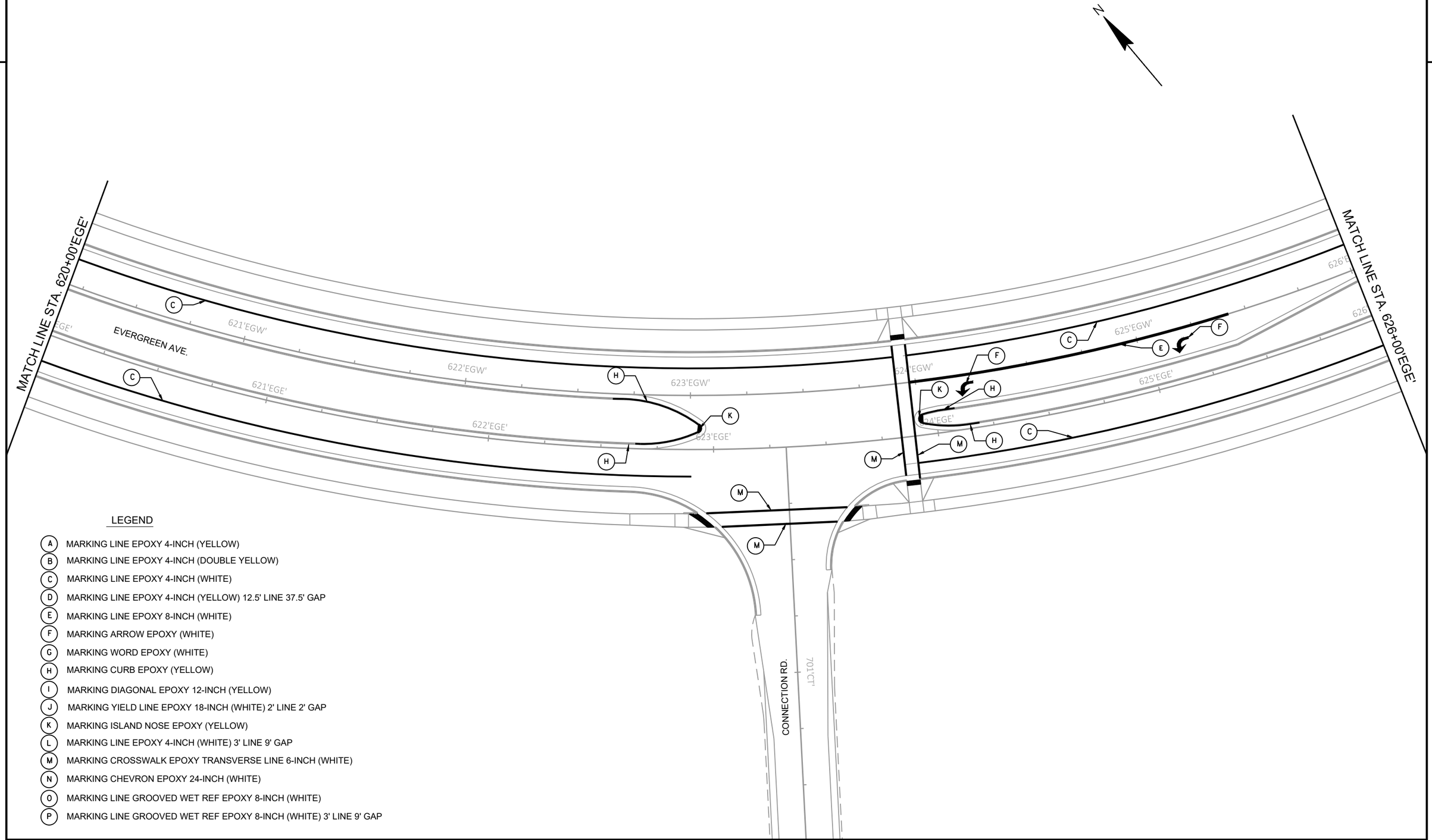
PRE_428

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024533 pm

PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

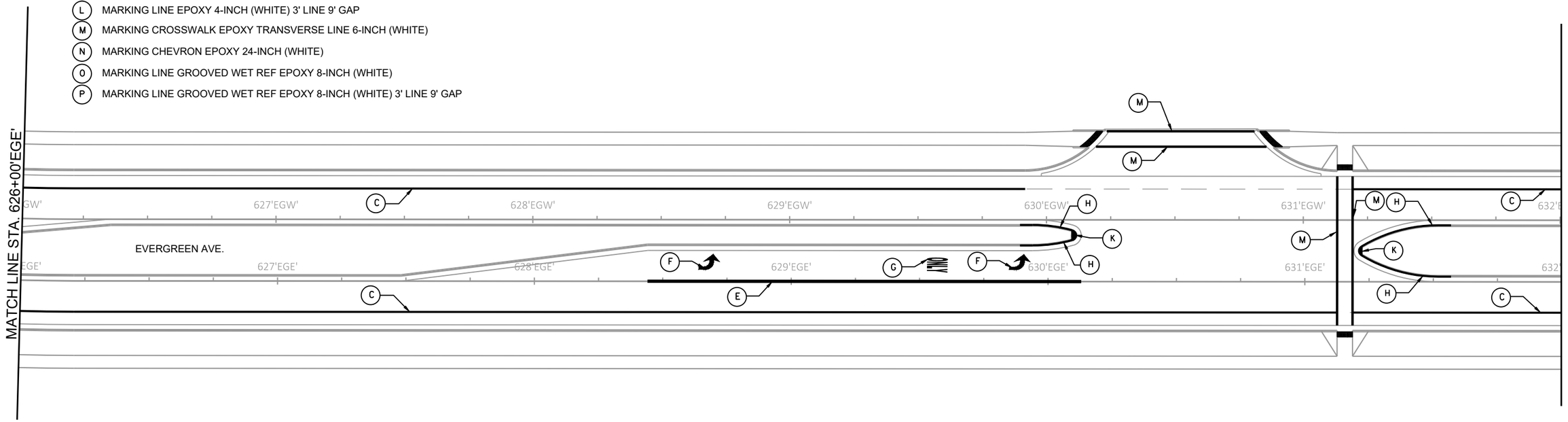
PRE_429

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024534 pm
PLOT DATE : 1/22/2020 8:56 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

PRE_430

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024535 pm

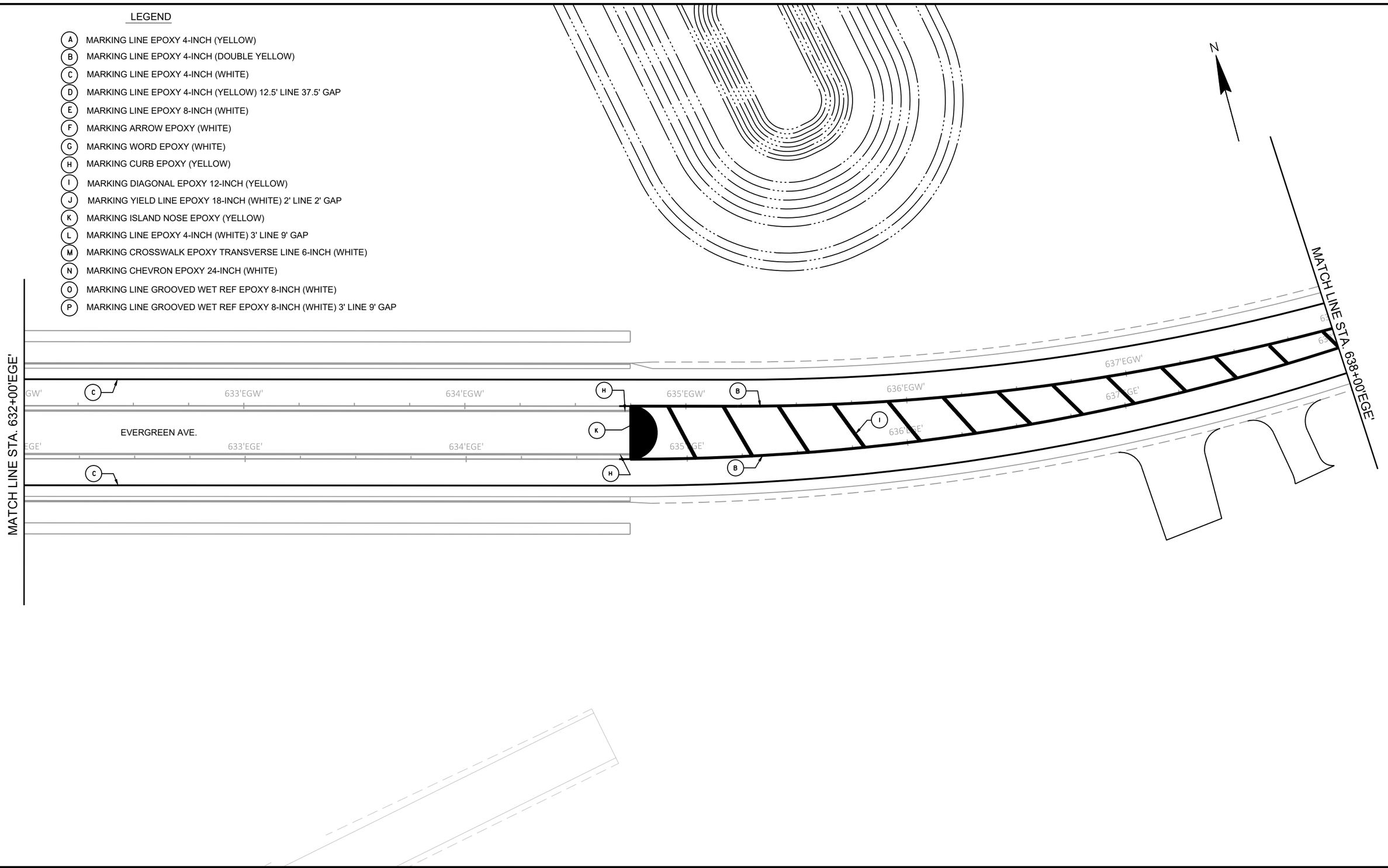
PLOT DATE : 1/22/2020 8:56 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

PRE_431

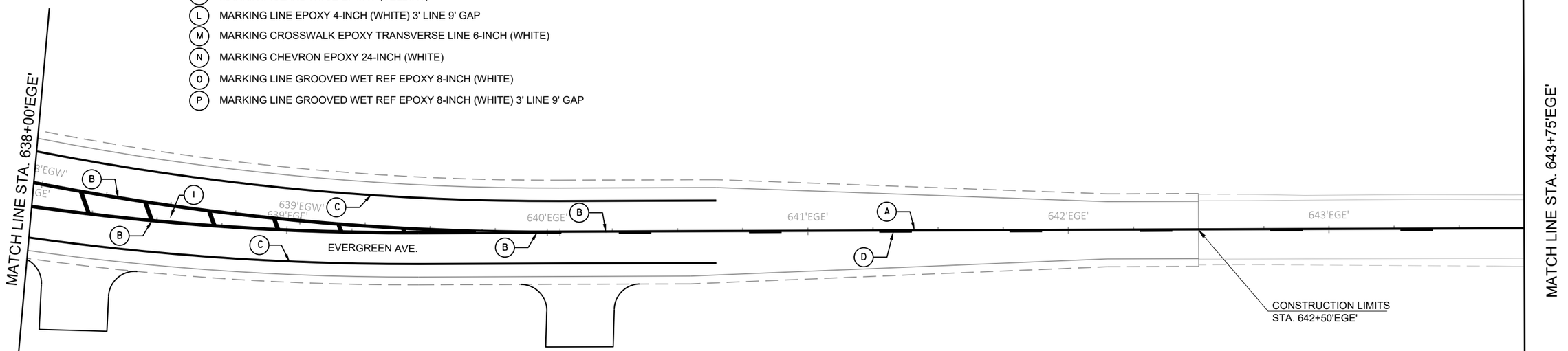
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024536 pm

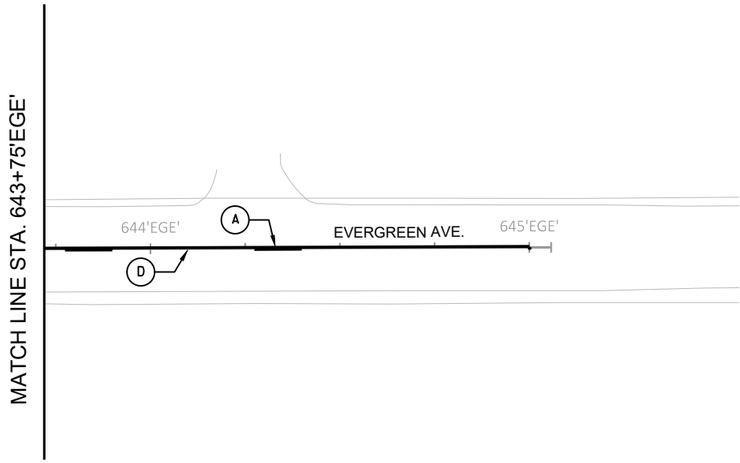
PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom

2

LEGEND

- (A) MARKING LINE EPOXY 4-INCH (YELLOW)
- (B) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (C) MARKING LINE EPOXY 4-INCH (WHITE)
- (D) MARKING LINE EPOXY 4-INCH (YELLOW) 12.5' LINE 37.5' GAP
- (E) MARKING LINE EPOXY 8-INCH (WHITE)
- (F) MARKING ARROW EPOXY (WHITE)
- (G) MARKING WORD EPOXY (WHITE)
- (H) MARKING CURB EPOXY (YELLOW)
- (I) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (J) MARKING YIELD LINE EPOXY 18-INCH (WHITE) 2' LINE 2' GAP
- (K) MARKING ISLAND NOSE EPOXY (YELLOW)
- (L) MARKING LINE EPOXY 4-INCH (WHITE) 3' LINE 9' GAP
- (M) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (N) MARKING CHEVRON EPOXY 24-INCH (WHITE)
- (O) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)
- (P) MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE) 3' LINE 9' GAP





PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PAVEMENT MARKING - EVERGREEN AVE.	SHEET E

PRE_432

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\024509-PMEG.DWG
LAYOUT NAME - 024537 pm

PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PRECAST CONCRETE BARRIER
- WORK AREA

TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, 500 FEET DESIRABLE, DISTANCE TO EXISTING SIGNS.

THIS SHOULDER CLOSURE IS TYPICAL FOR CLOSING RIGHT SHOULDER - REVERSE FOR CLOSING LEFT SHOULDER.

ALL SIGNS ARE 48' x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON 'COVERED" OR "DOWNED" SIGNS.

FOR A SHOULDER CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCE WARNING SIGNS MAY BE MOUNTED ON PORTABLE CRASHWORTHY SUPPORTS.

REDUCED SPEED AHEAD, AND ALL SPEED LIMIT SIGNS MUST BE POST MOUNTED.

SPEED LIMIT SIGNS SHALL ALSO BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND AT 0.5 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

THE LOCATION OF THE FIRST SIGN INDICATING THE 55 MPH REGULATORY SPEED LIMIT IS REFERENCED FROM BEGINNING OF SHOULDER CLOSURE TAPER. THE 55 MPH REGULATORY SPEED LIMIT SIGN LOCATION MUST BE ADJUSTED WHEN CONSTRUCTION ACTIVITIES REQUIRE THE SHOULDER CLOSURE START LOCATION TO CHANGE.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION,THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 0.5 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

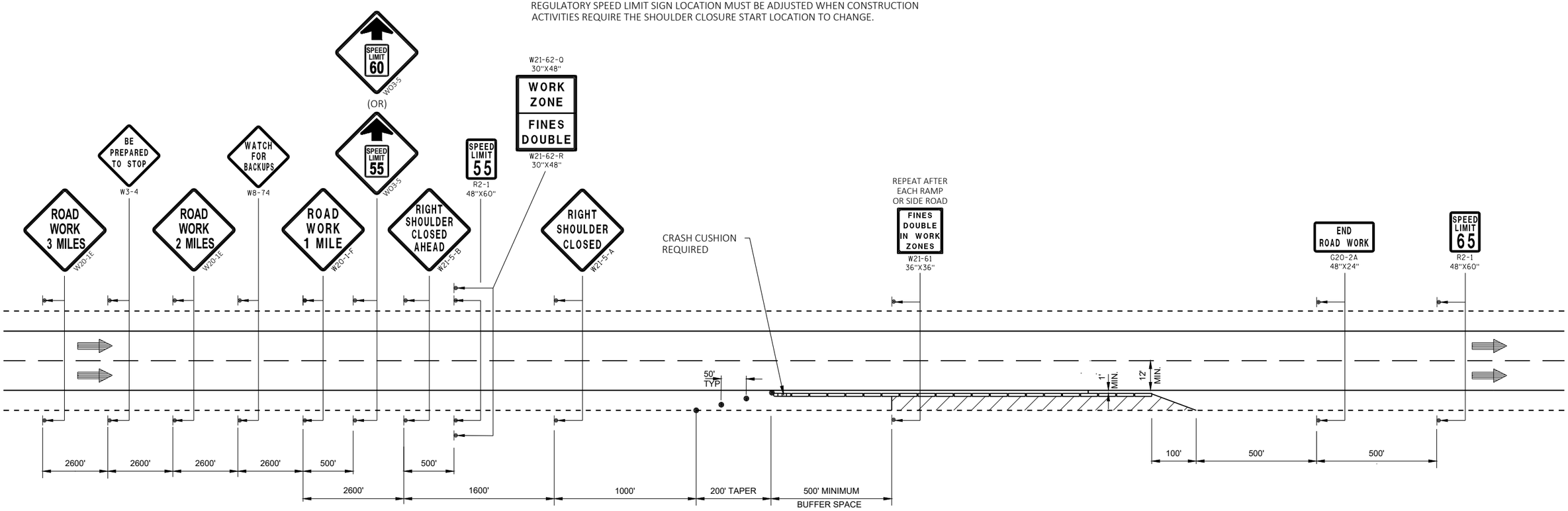
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE SHOULDER CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM OF 1500 FEET IN FRONT OF THE DRUMS.

** SEE REQUIREMENT FOR TEMPORARY REGULATORY SPEED REDUCTION IN THE SPECIAL PROVISIONS.

COVERING AND REMOVAL OF MATERIAL COVERING TEMPORARY REGULATORY SPEED LIMIT SIGNS AND EXISTING SPEED LIMIT SIGNS RELATED TO TEMPORARY AND/OR PERIODIC LANE CLOSURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

TRAFFIC CONTROL DEVICES NOT IN USE SHALL LAID DOWN OR REMOVED, TURNING OF DEVICES TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.



SHOULDER CLOSURE - REGULATORY SPEED REDUCTION WITH BARRIER

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025101-tc

PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- REMOVING PAVEMENT MARKING
- TEMPORARY PRECAST CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, 500 FEET DESIRABLE, DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48' x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON 'COVERED" OR "DOWNED" SIGNS.

REDUCED SPEED AHEAD, AND ALL SPEED LIMIT SIGNS MUST BE POST MOUNTED.

SPEED LIMIT SIGNS SHALL ALSO BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND AT 0.5 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

THE LOCATION OF THE FIRST SIGN INDICATING THE 55 MPH REGULATORY SPEED LIMIT IS REFERENCED FROM BEGINNING OF LANE CLOSURE TAPER. THE 55 MPH REGULATORY SPEED LIMIT SIGN LOCATION MUST BE ADJUSTED WHEN CONSTRUCTION ACTIVITIES REQUIRE THE LANE CLOSURE START LOCATION TO CHANGE.

TRAFFIC CONTROL DEVICES NOT IN USE SHALL BE LAID DOWN OR REMOVED, TURNING OF DEVICES TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 7 CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION,THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

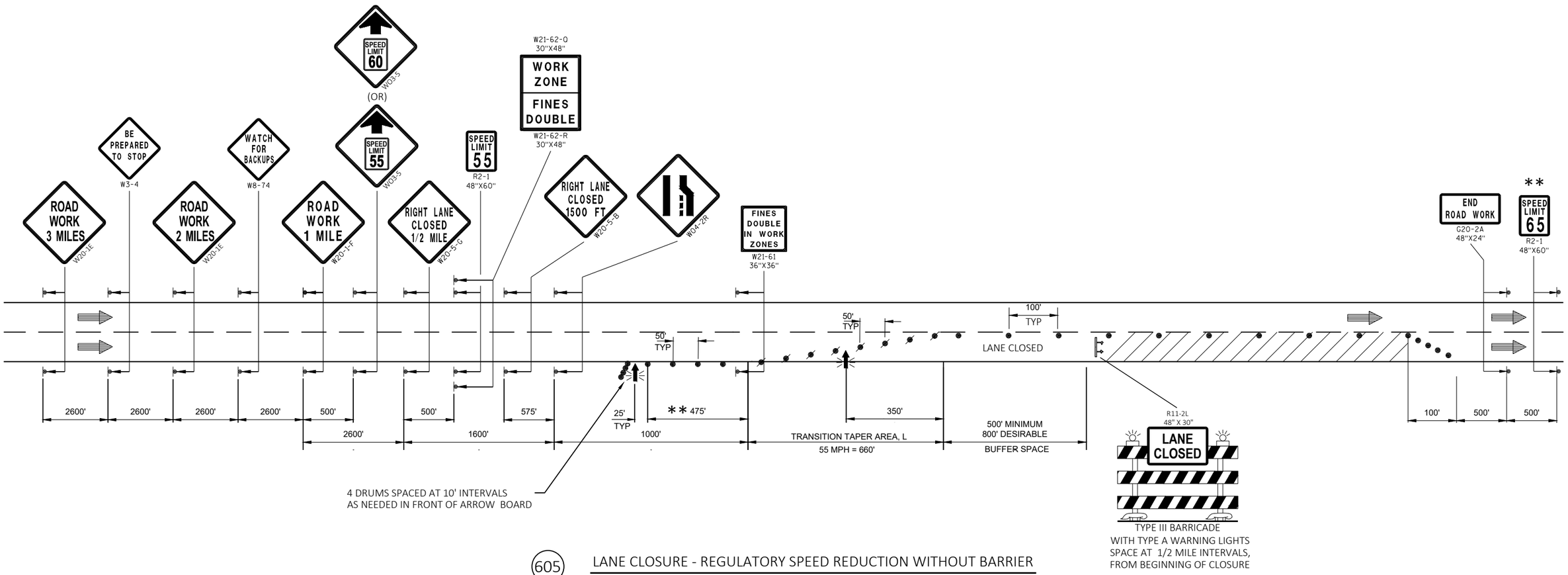
IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1/2 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM OF 1500 FEET IN FRONT OF THE DRUMS.

** SEE REQUIREMENT FOR TEMPORARY REGULATORY SPEED REDUCTION IN THE SPECIAL PROVISIONS.

COVERING AND REMOVAL OF MATERIAL COVERING TEMPORARY REGULATORY SPEED LIMIT SIGNS AND EXISTING SPEED LIMIT SIGNS RELATED TO TEMPORARY AND/OR PERIODIC LANE CLOSURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.



605 LANE CLOSURE - REGULATORY SPEED REDUCTION WITHOUT BARRIER

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL	SHEET E

PRE_434

LEGEND

- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, 500 FEET DESIRABLE, DISTANCE TO EXISTING SIGNS.

THIS SHOULDER CLOSURE IS TYPICAL FOR CLOSING RIGHT SHOULDER - REVERSE FOR CLOSING LEFT SHOULDER.

ALL SIGNS ARE 48' x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON 'COVERED" OR "DOWNED" SIGNS.

FOR A SHOULDER CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCE WARNING SIGNS MAY BE MOUNTED ON PORTABLE CRASHWORTHY SUPPORTS.

REDUCED SPEED AHEAD, AND ALL SPEED LIMIT SIGNS MUST BE POST MOUNTED.

SPEED LIMIT SIGNS SHALL ALSO BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND AT 0.5 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

THE LOCATION OF THE FIRST SIGN INDICATING THE 55 MPH REGULATORY SPEED LIMIT IS REFERENCED FROM BEGINNING OF SHOULDER CLOSURE TAPER. THE 55 MPH REGULATORY SPEED LIMIT SIGN LOCATION MUST BE ADJUSTED WHEN CONSTRUCTION ACTIVITIES REQUIRE THE SHOULDER CLOSURE START LOCATION TO CHANGE.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION,THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1/2 MILE ACROSS THE CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

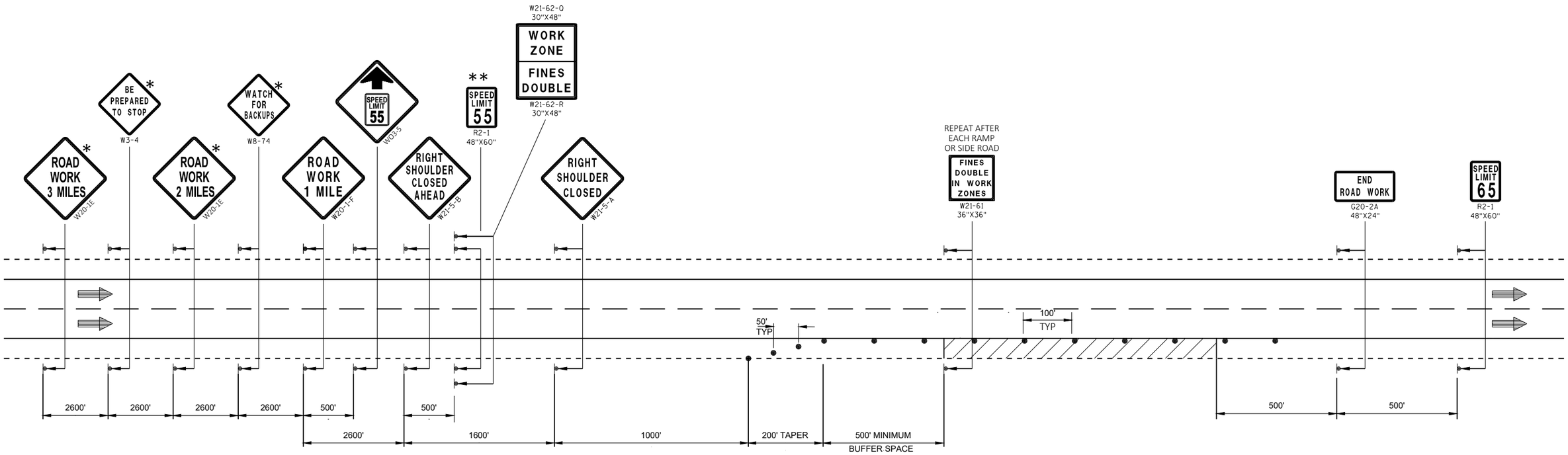
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE SHOULDER CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM OF 1500 FEET IN FRONT OF THE DRUMS.

** SEE REQUIREMENT FOR TEMPORARY REGULATORY SPEED REDUCTION IN THE SPECIAL PROVISIONS.

COVERING AND REMOVAL OF MATERIAL COVERING TEMPORARY REGULATORY SPEED LIMIT SIGNS AND EXISTING SPEED LIMIT SIGNS RELATED TO TEMPORARY AND/OR PERIODIC LANE CLOSURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

TRAFFIC CONTROL DEVICES NOT IN USE SHALL LAID DOWN OR REMOVED, TURNING OF DEVICES TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.



601 SHOULDER CLOSURE - REGULATORY SPEED REDUCTION WITHOUT BARRIER

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL	SHEET E

PRE_435

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

CTH "C"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

END ROAD WORK
G20-2A
48"X24"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

SDD "TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD"

SDD "TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD"

END ROAD WORK
G20-2A
48"X24"

CTH VV

MILLTOWN RD

END ROAD WORK
G20-2A
48"X24"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 1	SHEET E

PRE_436

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025104 TC.DWG
LAYOUT NAME - 025104 tc

PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

CTH "C"

MARLEY ST

GLENDALE AV

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

MILLTOWN RD

CTH VV

OVERLAND DR

CTH FF

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD"

END ROAD WORK
G20-2A
48"X24"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

ROAD CLOSED
0.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
1 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
1 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED
0.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 2A	SHEET E

PRE_437

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025105 TC.DWG
LAYOUT NAME - 025105 tc

PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

MEADOW DR

SCHOOL DR

MAPLE DR

SUNFIELD DR

STH "29/32"

CTH "C"

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

OLD 29 RD

CTH "U"

GLENDALE AV

MARLEY ST

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

END
ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

ROAD CLOSED
1 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

MILLTOWN RD

CTH VV

END
ROAD WORK
G20-2A
48"X24"

ROAD CLOSED
1 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

END
ROAD WORK
G20-2A
48"X24"

ROAD CLOSED
0.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

END
ROAD WORK
G20-2A
48"X24"

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 2B	SHEET E

PRE_438

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025106 TC.DWG
LAYOUT NAME - 025106 tc

PLOT DATE : 1/22/2020 8:57 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

CTH "C"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TO M4-5 24"X12"
TO M4-5 24"X12"
29 M1-6 24"X24"
32 M1-6B 24"X24"
M6-1 21"X21"
M6-1 21"X21"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

ROAD CLOSED 1 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60"X30"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 0.2 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60"X30"

MILLTOWN RD

ROAD CLOSED 1 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60"X30"

CTH VV

SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY"

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 0.2 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3 60"X30"

END ROAD WORK
G20-2A
48"X24"

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 2C	SHEET E

PRE_439

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025107 TC.DWG
LAYOUT NAME - 025107 tc

PLOT DATE : 1/22/2020 8:58 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SUNFIELD DR

SCHOOL DR

STH "29/32"

OLD 29 RD

CTH "U"

MEADOW DR

MAPLE DR

CTH "C"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB AND WB RIGHT OR LEFT LANE
CLOSED AT OVERPASS

TO
M4-5
24"X12"

29
M1-6
24"X24"

32
M1-6B
24"X24"

M6-1
21"X21"

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITH BARRIER
EB AND WB RIGHT AND LEFT
SHOULDER CLOSED AT OVERPASS

CTH VV

MILLTOWN RD

SDD "TRAFFIC CONTROL, WORK
ON SHOULDER OR PARKING LANE,
UNDIVIDED ROADWAY"

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 3A	SHEET E

PRE_440

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025108 TC.DWG
LAYOUT NAME - 025108 tc

PLOT DATE : 1/22/2020 8:58 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

CTH "C"

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB AND WB RIGHT OR LEFT LANE
CLOSED AT OVERPASS

TO
M4-5
24"X12"

29
M1-6
24"X24"

32
M1-6B
24"X24"

M6-1
21"X21"

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITH BARRIER
EB AND WB RIGHT AND LEFT
SHOULDER CLOSED AT OVERPASS

CTH VV

MILLTOWN RD

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 3B	SHEET E

PRE_441

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025109 TC.DWG
LAYOUT NAME - 025109 tc

PLOT DATE : 1/22/2020 8:58 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

CTH "C"

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB AND WB RIGHT OR LEFT LANE
CLOSED AT OVERPASS

TO M4-5 24"X12" TO M4-5 24"X12"
29 32
M1-6 24"X24" M1-6B 24"X24"
M6-1 21"X21" M6-1 21"X21"

TO M4-5 24"X12" TO M4-5 24"X12"
29 32
M1-6 24"X24" M1-6B 24"X24"
M6-1 21"X21" M6-1 21"X21"

END ROAD WORK
G20-2A
48"X24"

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITH BARRIER
EB AND WB RIGHT AND LEFT
SHOULDER CLOSED AT OVERPASS

ROAD WORK AHEAD
W20-1A

CTH VV

MILLTOWN RD

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL B-MAINLINE CLOSURE,
WITH POSTED DETOUR

CTH U

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 4A	SHEET E

PRE_442

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025110 TC.DWG
LAYOUT NAME - 025110 tc

PLOT DATE : 1/22/2020 8:58 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "C"

CTH "U"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

CTH VV

MILLTOWN RD

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL B-MAINLINE CLOSURE, WITH POSTED DETOUR

SDD "BARRICADES AND SIGNS FOR VARIOUS CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

CTH U

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 4B	SHEET E

PRE_443

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025111 TC.DWG
LAYOUT NAME - 025111 tc

PLOT DATE : 1/22/2020 8:59 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "C"

CTH "U"

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

GLENDALE AV

GLENDALE AV

MARLEY ST

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT
BARRIER
EB AND WB RIGHT LANE
FOR RAMP CONSTRUCTION

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

ROAD WORK AHEAD
W20-1A

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT
BARRIER
EB AND WB RIGHT SHOULDER
FOR RAMP CONSTRUCTION

CTH VV

MILLTOWN RD

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL B-MAINLINE CLOSURE,
WITH POSTED DETOUR

CTH U

ROAD WORK AHEAD
W20-1A

OVERLAND DR

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 5A	SHEET E

PRE_444

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025112 TC.DWG
LAYOUT NAME - 025112 tc

PLOT DATE : 1/22/2020 8:59 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

SCHOOL DR

MEADOW DR

MAPLE DR

CTH "C"

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH "U"

GLENDALE AV

MARLEY ST

SUNNY BROOK DR

SYLVAN CT

GREENFIELD AV

MOUNTAIN BAY RECREATION TRAIL

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT
BARRIER
EB AND WB RIGHT LANE
FOR RAMP CONSTRUCTION

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

TO M4-5 24"X12" | TO M4-5 24"X12"
29 M1-6 24"X24" | 32 M1-6B 24"X24"
M6-1 21"X21" | M6-1 21"X21"

END ROAD WORK
G20-2A
48"X24"

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT
BARRIER
EB AND WB RIGHT SHOULDER
FOR RAMP CONSTRUCTION

ROAD WORK AHEAD
W20-1A

MILLTOWN RD

CTH VV

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL C-MAINLINE CLOSURE,
NO POSTED DETOUR

CTH U

ROAD WORK AHEAD
W20-1A

ROAD CLOSED
0.2 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

OVERLAND DR

ROAD CLOSED
0.2 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

STH "29/32"

CTH FF

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 5B	SHEET E

PRE_445

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025113 TC.DWG
LAYOUT NAME - 025113 tc

PLOT DATE : 1/22/2020 8:59 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 32

SUNFIELD DR

SCHOOL DR

STH "29/32"

OLD 29 RD

CTH Y

CTH "U"

GLENDALE AV

MEADOW DR

CTH "C"

MAPLE DR

SUNNY BROOK DR

SYLVAN CT

MARLEY ST

CTH VV

MILLTOWN RD

CTH U

LAND DR

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "BARRICADES AND SIGNS FOR VARIOUS CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
WB-RIGHT SHOULDER CLOSED
FOR RAMP CONSTRUCTION AND
ROADWAY REMOVAL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
WB RIGHT LANE CLOSED FOR RAMP
CONSTRUCTION AND
ROADWAY REMOVAL
EB AND WB LEFT LANE CLOSED FOR
RCUT REMOVALS

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 6A	SHEET E

PRE_446

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025114 TC.DWG
LAYOUT NAME - 025114 tc

PLOT DATE : 1/22/2020 8:59 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 32

SUNFIELD DR

SCHOOL DR

STH "29/32"

OLD 29 RD

CTH Y

CTH "U"

GLENDALE AV

MEADOW DR

CTH "C"

MAPLE DR

SUNNY BROOK DR

SYLVAN CT

MARLEY ST

MILLTOWN RD

CTH VV

CTH U

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

END
ROAD WORK
G20-2A
48"X24"

ROAD
WORK
AHEAD
W20-1A

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT
BARRIER
EB RIGHT SHOULDER FOR
ROADWAY REMOVAL

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL C-MAINLINE CLOSURE,
NO POSTED DETOUR

SDD "BARRICADES AND SIGNS
FOR VARIOUS CLOSURE"
DETAIL D-ROAD CLOSURE
BARRICADE DETAIL

SDD "BARRICADES AND SIGNS
FOR MAINLINE CLOSURE"
DETAIL C-MAINLINE CLOSURE,
NO POSTED DETOUR

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB RIGHT LANE CLOSED
FOR ROADWAY REMOVAL OR
EB AND WB LEFT LANE CLOSED
FOR RCUT REMOVAL

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
WB RIGHT LANE CLOSED FOR RAMP
CONSTRUCTION AND
ROADWAY REMOVAL
EB AND WB LEFT LANE CLOSED FOR
RCUT REMOVALS

END
ROAD WORK
G20-2A
48"X24"

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 6B	SHEET E

PRE_447

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025115 TC.DWG
LAYOUT NAME - 025115 tc

PLOT DATE : 1/22/2020 8:59 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 32

SUNFIELD DR

STH "29/32"

OLD 29 RD

CTH Y

SCHOOL DR

CTH "U"

MEADOW DR

MAPLE DR

CTH "C"

SUNNY BROOK DR

SYLVAN CT

GLENDALE AV

MARLEY ST

CTH VV

MILLTOWN RD

CTH U

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
1.4 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

END
ROAD WORK
G20-2A
48"X24"

SDD "BARRICADES AND SIGNS FOR VARIOUS CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

TRAFFIC CONTROL DETAIL-
SHOULDER CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB AND WB RIGHT SHOULDER FOR ROADWAY REMOVAL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

SDD "BARRICADES AND SIGNS FOR VARIOUS CLOSURE" DETAIL D-ROAD CLOSURE BARRICADE DETAIL

SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURE" DETAIL C-MAINLINE CLOSURE, NO POSTED DETOUR

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
EB AND WB RIGHT LANE CLOSED FOR ROADWAY REMOVAL OR
EB AND WB LEFT LANE CLOSED FOR RCUT REMOVAL

TRAFFIC CONTROL DETAIL-
LANE CLOSURE-REGULATORY
SPEED REDUCTION WITHOUT BARRIER
WB RIGHT LANE CLOSED FOR RAMP CONSTRUCTION AND ROADWAY REMOVAL
EB AND WB LEFT LANE CLOSED FOR RCUT REMOVALS

END
ROAD WORK
G20-2A
48"X24"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
R11-3
60"X30"

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-STAGE 6C	SHEET E

PRE_448

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025116 TC.DWG
LAYOUT NAME - 025116 tc

PLOT DATE : 1/22/2020 9:00 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:1500 FT

WISDOT/CADDS SHEET 42

2

2

N

LEGEND

TRAFFIC CONTROL DRUM

SIGN ON TEMPORARY SUPPORT

CONNECTION RD.

EP: 12+61.89'TCR'

TEMPORARY RD.

11'TCR'

10' TYP.

25' TYP.

STOP

R1-1

30"X30"

MARLEY STREET

BP: 10+00.00'TCR'

18" RCCP

12" CMCP

18" CMCP

WELL

CANOPY

FUEL PIPES

BLDG

ASPHALT

POST

ASPH CE

SIGN

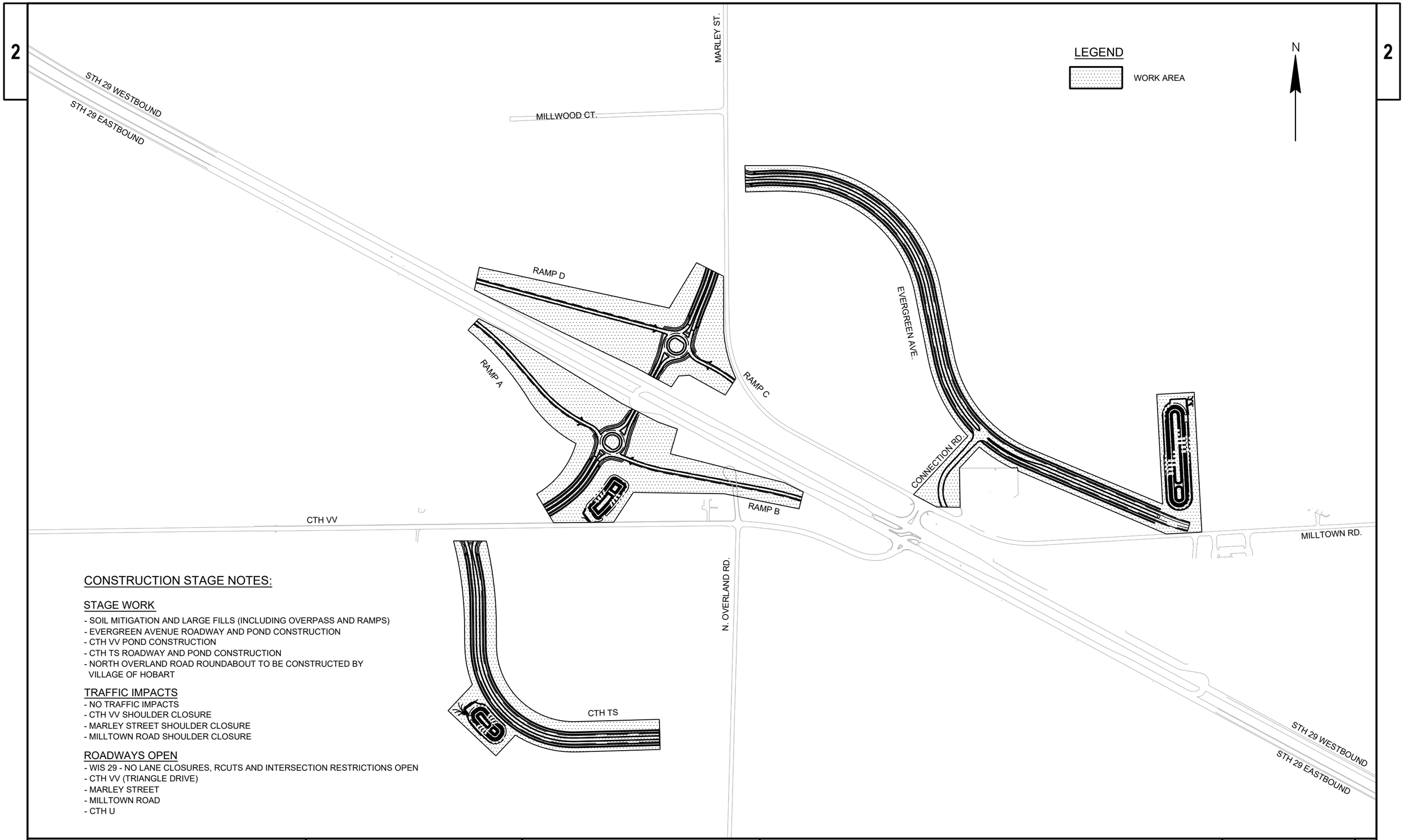
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	TRAFFIC CONTROL-TEMPORARY ROAD	SHEET E

PRE_449

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\025117 TC.DWG
LAYOUT NAME - 025117 tc

PLOT DATE : 1/22/2020 9:00 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK

- SOIL MITIGATION AND LARGE FILLS (INCLUDING OVERPASS AND RAMPS)
- EVERGREEN AVENUE ROADWAY AND POND CONSTRUCTION
- CTH VV POND CONSTRUCTION
- CTH TS ROADWAY AND POND CONSTRUCTION
- NORTH OVERLAND ROAD ROUNDABOUT TO BE CONSTRUCTED BY VILLAGE OF HOBART

TRAFFIC IMPACTS

- NO TRAFFIC IMPACTS
- CTH VV SHOULDER CLOSURE
- MARLEY STREET SHOULDER CLOSURE
- MILLTOWN ROAD SHOULDER CLOSURE

ROADWAYS OPEN

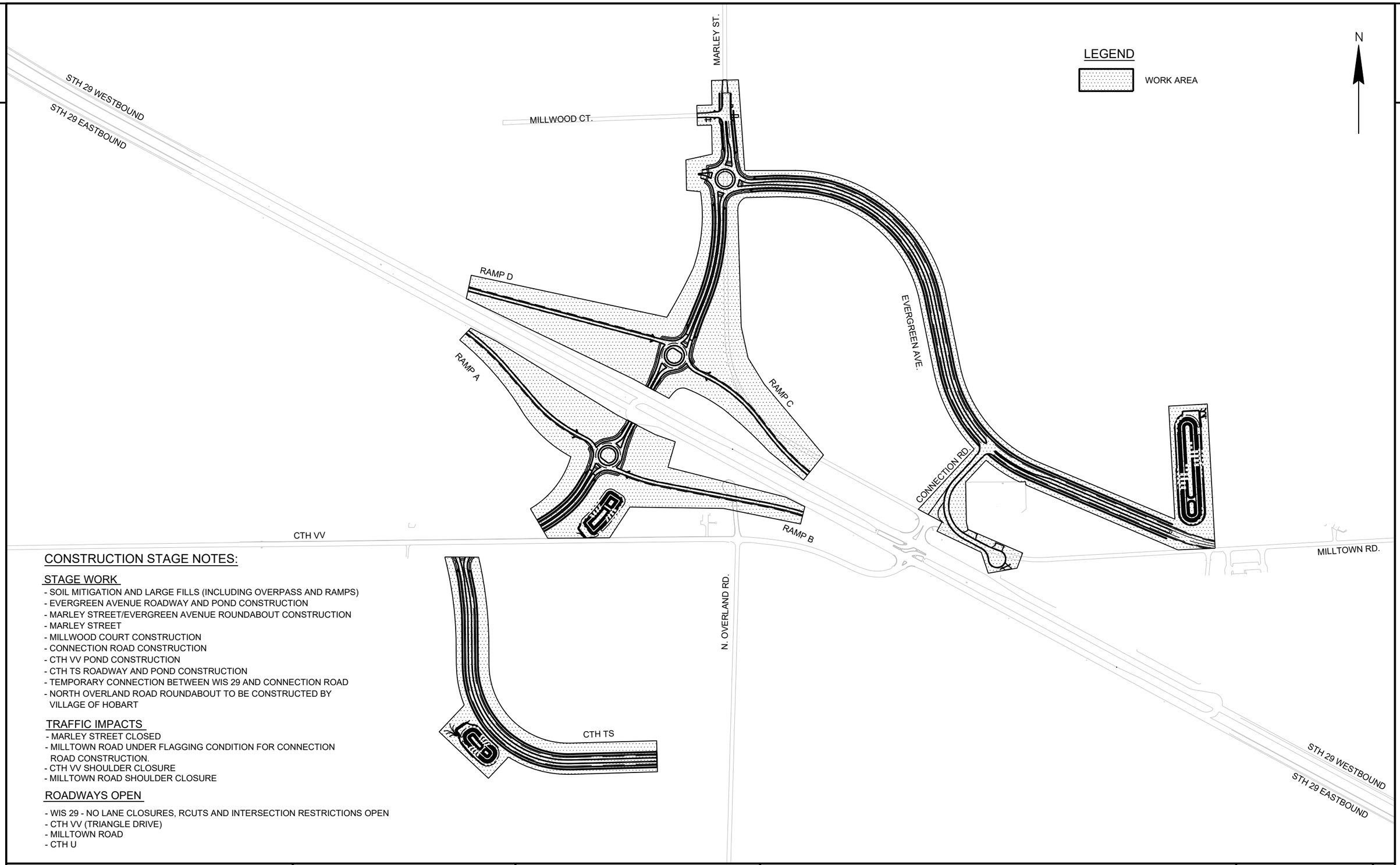
- WIS 29 - NO LANE CLOSURES, RCUTS AND INTERSECTION RESTRICTIONS OPEN
- CTH VV (TRIANGLE DRIVE)
- MARLEY STREET
- MILLTOWN ROAD
- CTH U

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 1	SHEET PRE_450 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026001 S1.DWG
LAYOUT NAME - 026001 S1

PLOT DATE : 1/22/2020 9:01 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK

- SOIL MITIGATION AND LARGE FILLS (INCLUDING OVERPASS AND RAMPS)
- EVERGREEN AVENUE ROADWAY AND POND CONSTRUCTION
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT CONSTRUCTION
- MARLEY STREET
- MILLWOOD COURT CONSTRUCTION
- CONNECTION ROAD CONSTRUCTION
- CTH VV POND CONSTRUCTION
- CTH TS ROADWAY AND POND CONSTRUCTION
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- NORTH OVERLAND ROAD ROUNDABOUT TO BE CONSTRUCTED BY VILLAGE OF HOBART

TRAFFIC IMPACTS

- MARLEY STREET CLOSED
- MILLTOWN ROAD UNDER FLAGGING CONDITION FOR CONNECTION ROAD CONSTRUCTION.
- CTH VV SHOULDER CLOSURE
- MILLTOWN ROAD SHOULDER CLOSURE

ROADWAYS OPEN

- WIS 29 - NO LANE CLOSURES, RCUTS AND INTERSECTION RESTRICTIONS OPEN
- CTH VV (TRIANGLE DRIVE)
- MILLTOWN ROAD
- CTH U

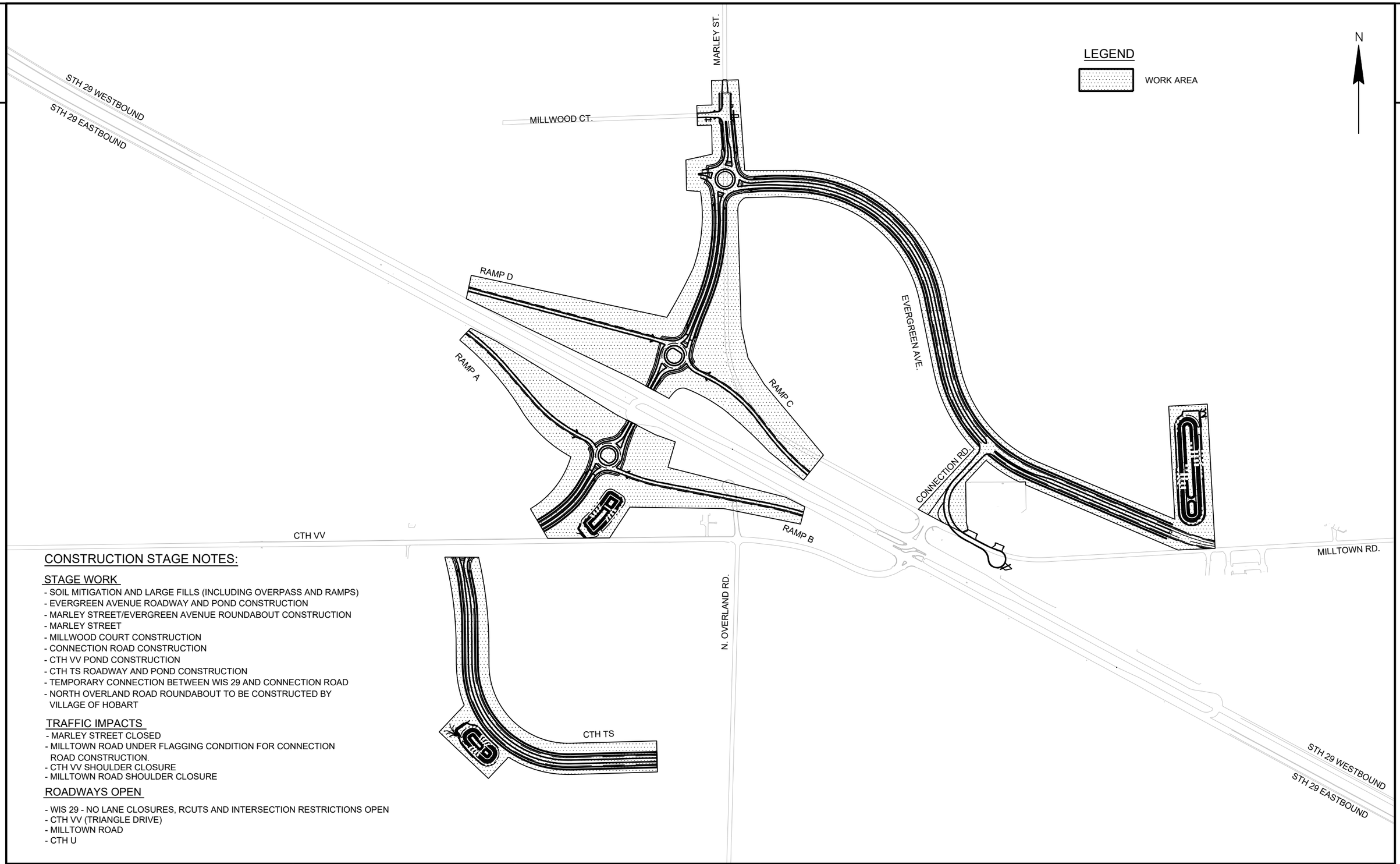
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 2A	SHEET E

PRE_451

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026101 S2.DWG
LAYOUT NAME - 026001 S2

PLOT DATE : 1/22/2020 9:02 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK

- SOIL MITIGATION AND LARGE FILLS (INCLUDING OVERPASS AND RAMPS)
- EVERGREEN AVENUE ROADWAY AND POND CONSTRUCTION
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT CONSTRUCTION
- MARLEY STREET
- MILLWOOD COURT CONSTRUCTION
- CONNECTION ROAD CONSTRUCTION
- CTH VV POND CONSTRUCTION
- CTH TS ROADWAY AND POND CONSTRUCTION
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- NORTH OVERLAND ROAD ROUNDABOUT TO BE CONSTRUCTED BY VILLAGE OF HOBART

TRAFFIC IMPACTS

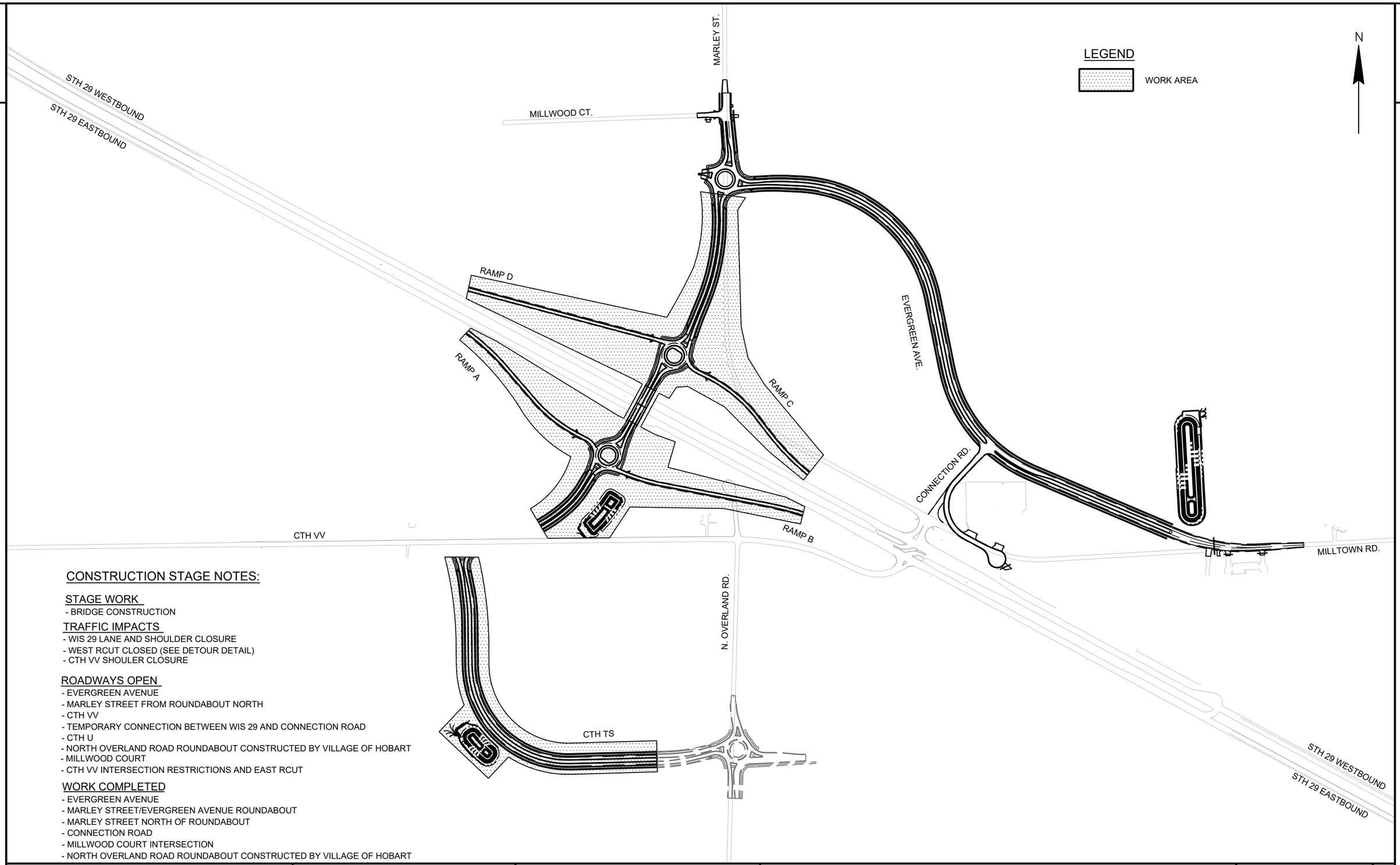
- MARLEY STREET CLOSED
- MILLTOWN ROAD UNDER FLAGGING CONDITION FOR CONNECTION ROAD CONSTRUCTION.
- CTH VV SHOULDER CLOSURE
- MILLTOWN ROAD SHOULDER CLOSURE

ROADWAYS OPEN

- WIS 29 - NO LANE CLOSURES, RCUTS AND INTERSECTION RESTRICTIONS OPEN
- CTH VV (TRIANGLE DRIVE)
- MILLTOWN ROAD
- CTH U

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 2B	SHEET PRE_452 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026102 S2.DWG
LAYOUT NAME - 026001 S2
PLOT DATE : 1/22/2020 9:02 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT



CONSTRUCTION STAGE NOTES:

STAGE WORK
- BRIDGE CONSTRUCTION

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURE
- WEST RCUT CLOSED (SEE DETOUR DETAIL)
- CTH VV SHOULER CLOSURE

ROADWAYS OPEN
- EVERGREEN AVENUE
- MARLEY STREET FROM ROUNDABOUT NORTH
- CTH VV
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

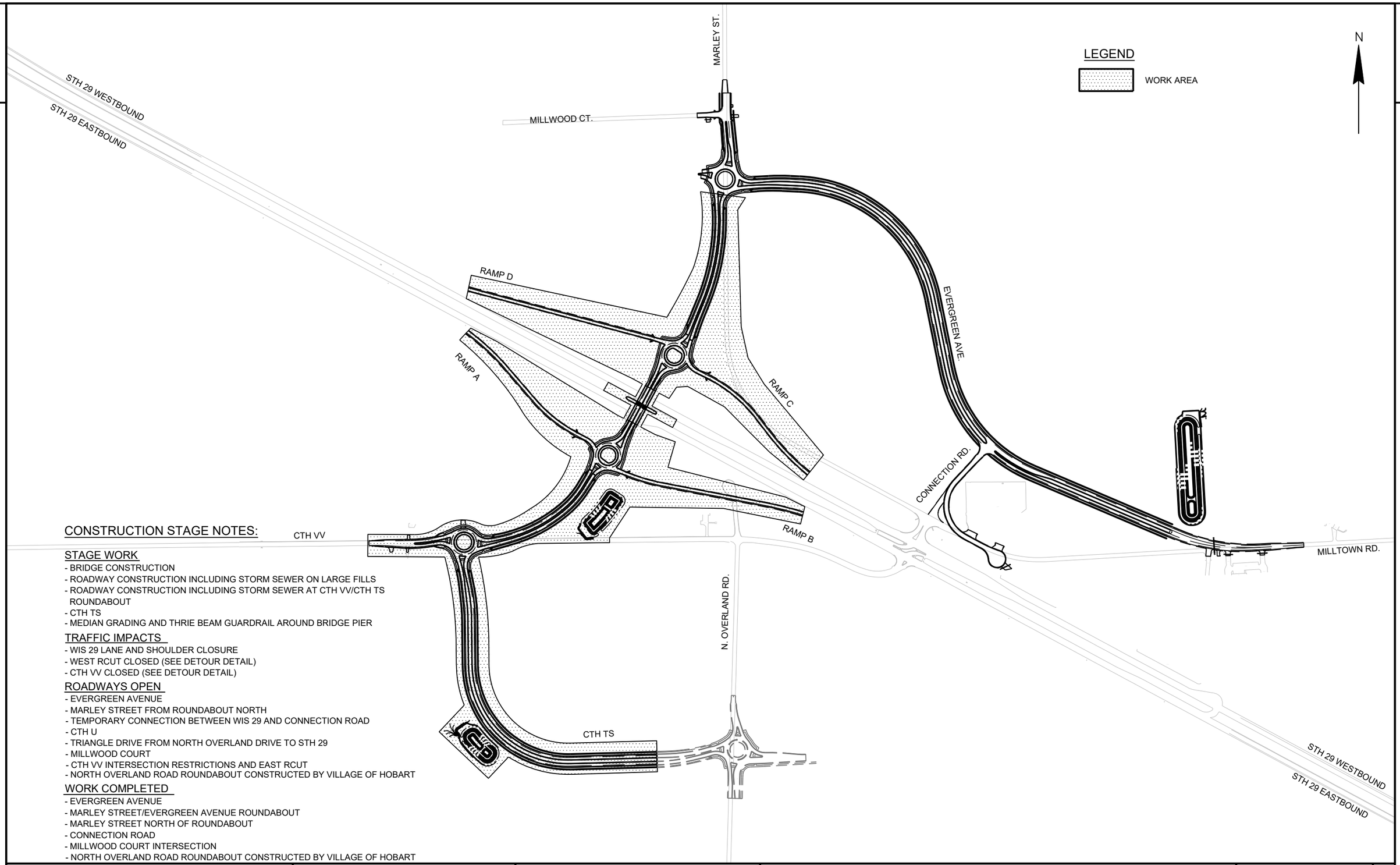
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 3A	SHEET E

PRE_453

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026201 S3.DWG
LAYOUT NAME - 026001 S3

PLOT DATE : 1/22/2020 9:03 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK
- BRIDGE CONSTRUCTION
- ROADWAY CONSTRUCTION INCLUDING STORM SEWER ON LARGE FILLS
- ROADWAY CONSTRUCTION INCLUDING STORM SEWER AT CTH VV/CTH TS ROUNDABOUT
- CTH TS
- MEDIAN GRADING AND THRIE BEAM GUARDRAIL AROUND BRIDGE PIER

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURE
- WEST RCUT CLOSED (SEE DETOUR DETAIL)
- CTH VV CLOSED (SEE DETOUR DETAIL)

ROADWAYS OPEN
- EVERGREEN AVENUE
- MARLEY STREET FROM ROUNDABOUT NORTH
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- TRIANGLE DRIVE FROM NORTH OVERLAND DRIVE TO STH 29
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

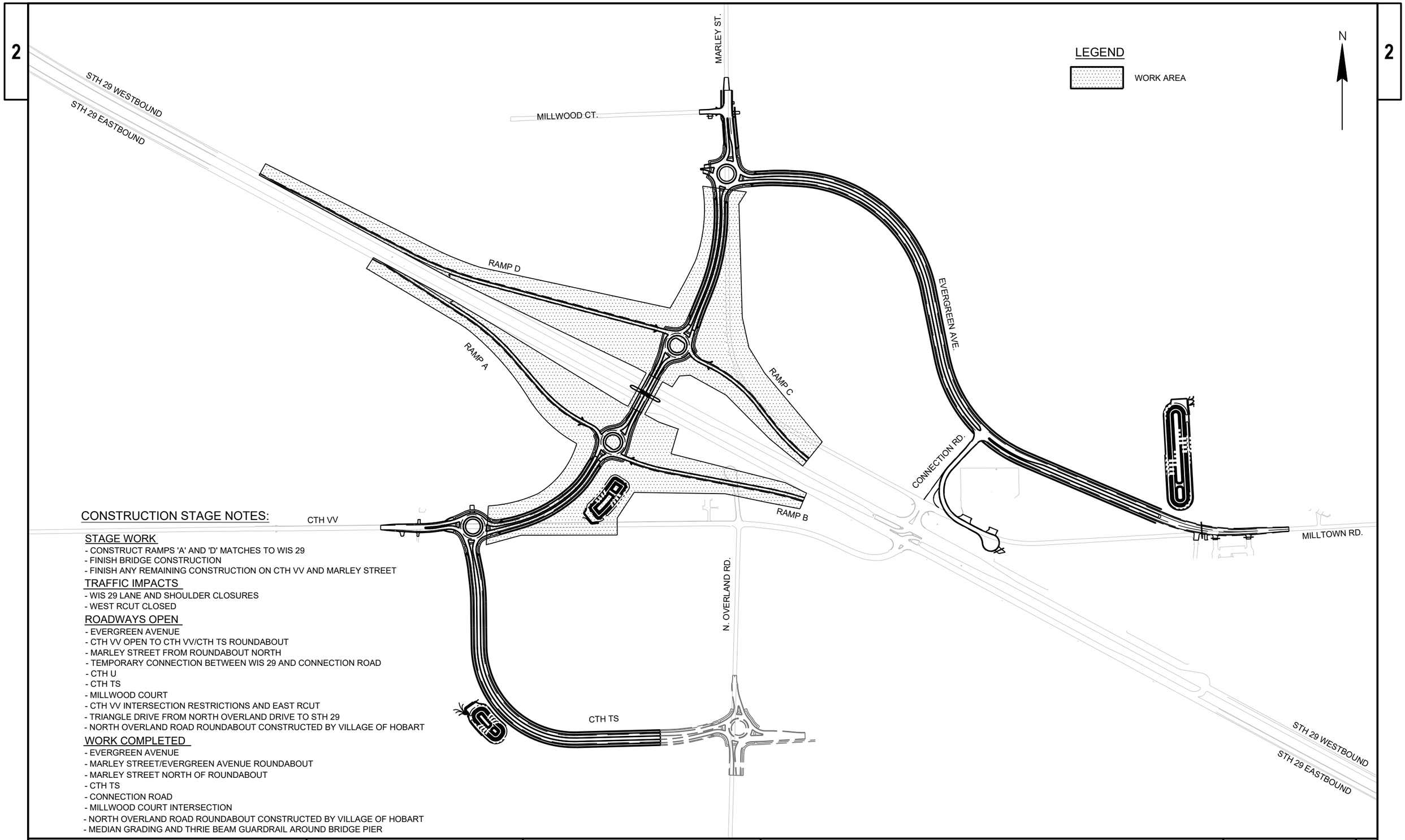
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 4A	SHEET E

PRE_454

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026301 S4.DWG
LAYOUT NAME - 026001 S4

PLOT DATE : 1/22/2020 9:03 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT RAMPS 'A' AND 'D' MATCHES TO WIS 29
- FINISH BRIDGE CONSTRUCTION
- FINISH ANY REMAINING CONSTRUCTION ON CTH VV AND MARLEY STREET

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED

ROADWAYS OPEN
- EVERGREEN AVENUE
- CTH VV OPEN TO CTH VV/CTH TS ROUNDABOUT
- MARLEY STREET FROM ROUNDABOUT NORTH
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- CTH TS
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT
- TRIANGLE DRIVE FROM NORTH OVERLAND DRIVE TO STH 29
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- MEDIAN GRADING AND THRIE BEAM GUARDRAIL AROUND BRIDGE PIER

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 5A	SHEET E

PRE_455

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026401 S5.DWG
LAYOUT NAME - 026001 S5

PLOT DATE : 1/22/2020 9:04 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

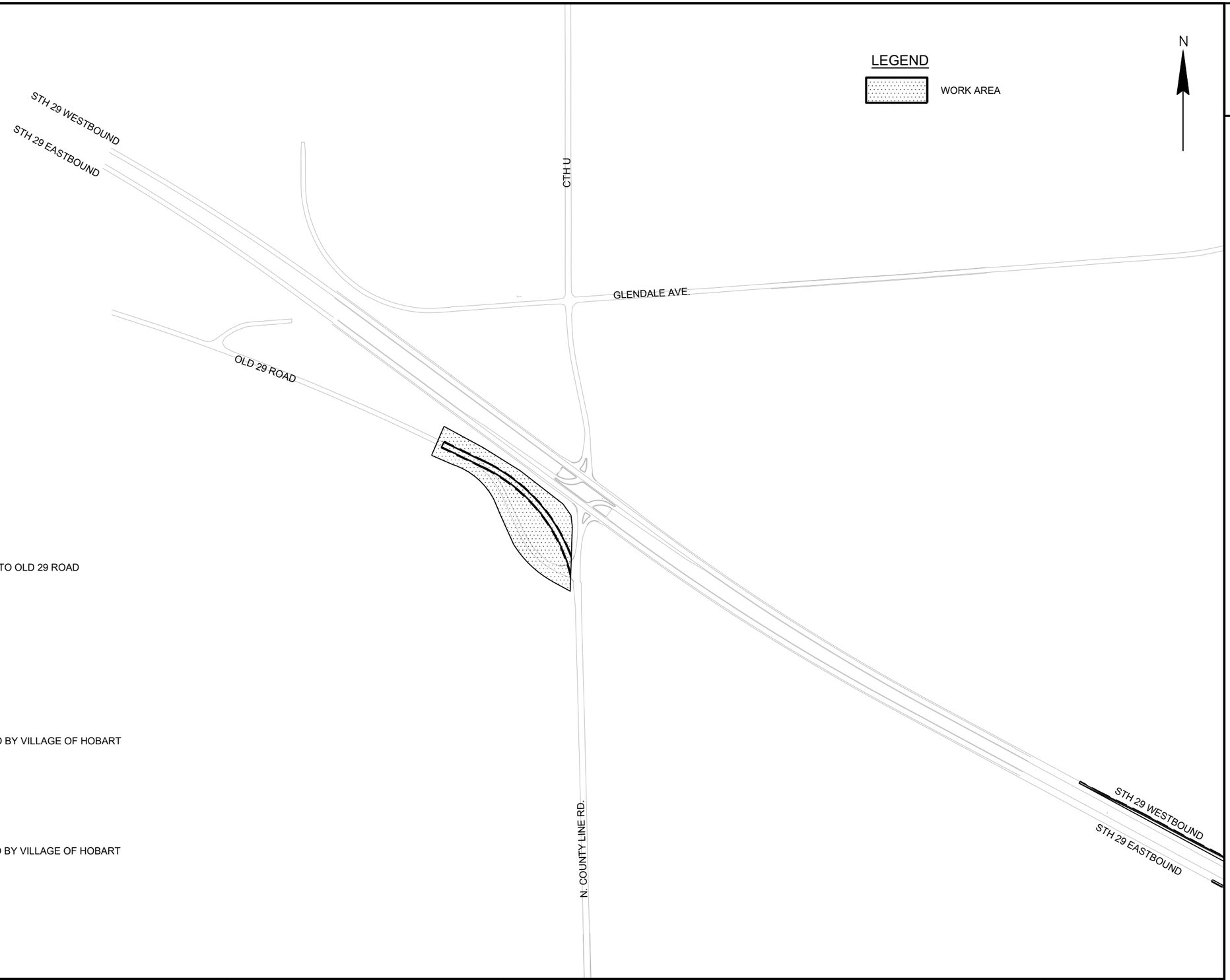
WISDOT/CADDS SHEET 42

2

LEGEND

WORK AREA

N



CONSTRUCTION STAGE NOTES:

STAGE WORK

- CONSTRUCT RAMP 'C'
- CONSTRUCT NORTH COUNTY LINE ROAD CONNECTION TO OLD 29 ROAD

TRAFFIC IMPACTS

- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED
- EAST RCUT CLOSED

ROADWAYS OPEN

- RAMPS 'A', 'B', AND 'D'
- EVERGREEN AVENUE
- CTH VV
- MARLEY STREET
- CTH U
- CTH TS
- MILLWOOD COURT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

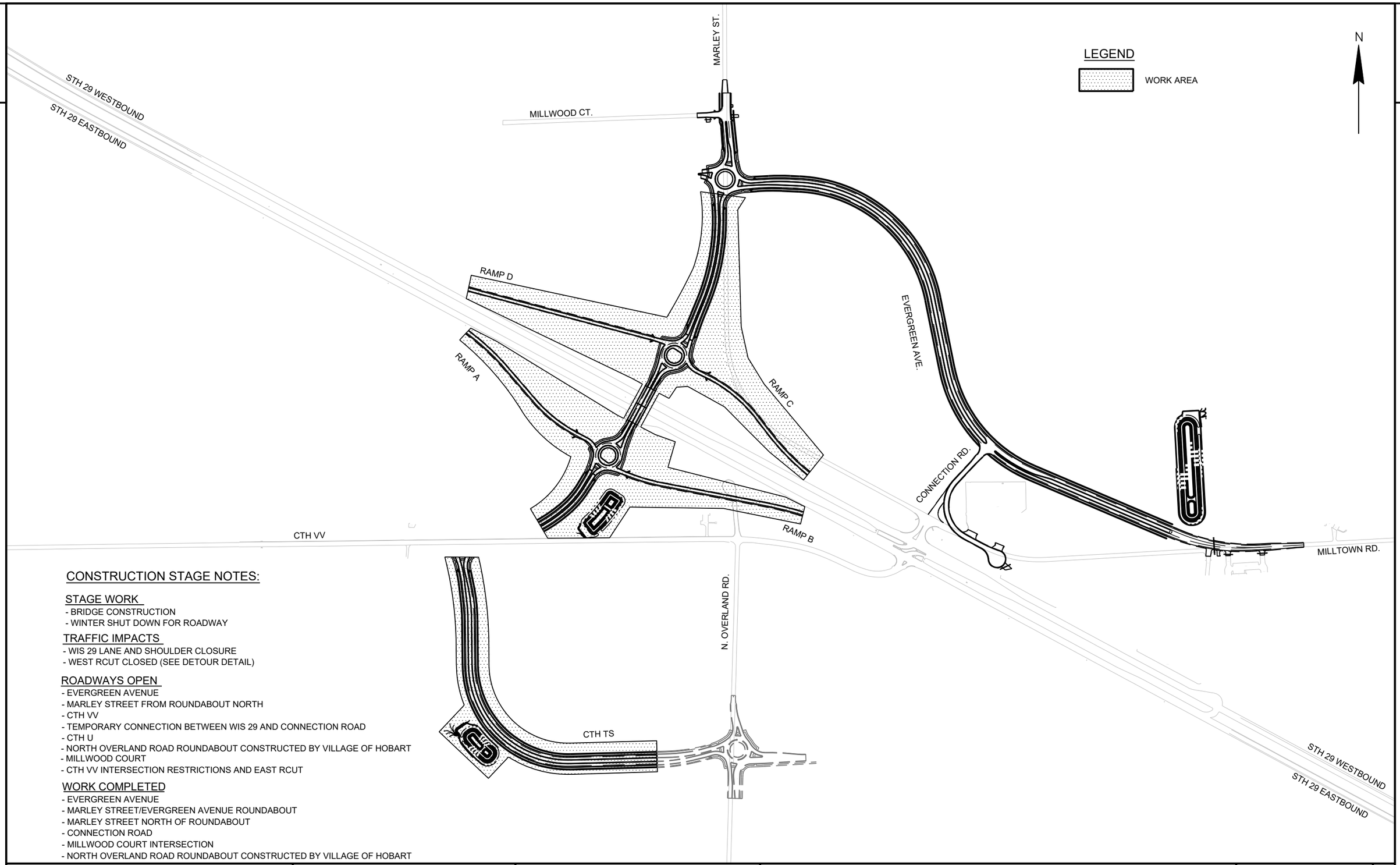
WORK COMPLETED

- CTH VV INTERCHANGE WITH RAMPS 'A', 'B' AND 'D'
- CTH VV
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- TRIANGLE ROAD CUL DU SAC

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 6A	SHEET E

PRE_456

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026501 S6.DWG
LAYOUT NAME - 026001 S6
PLOT DATE : 1/22/2020 9:05 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK
- BRIDGE CONSTRUCTION
- WINTER SHUT DOWN FOR ROADWAY

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURE
- WEST RCUT CLOSED (SEE DETOUR DETAIL)

ROADWAYS OPEN
- EVERGREEN AVENUE
- MARLEY STREET FROM ROUNDABOUT NORTH
- CTH VV
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

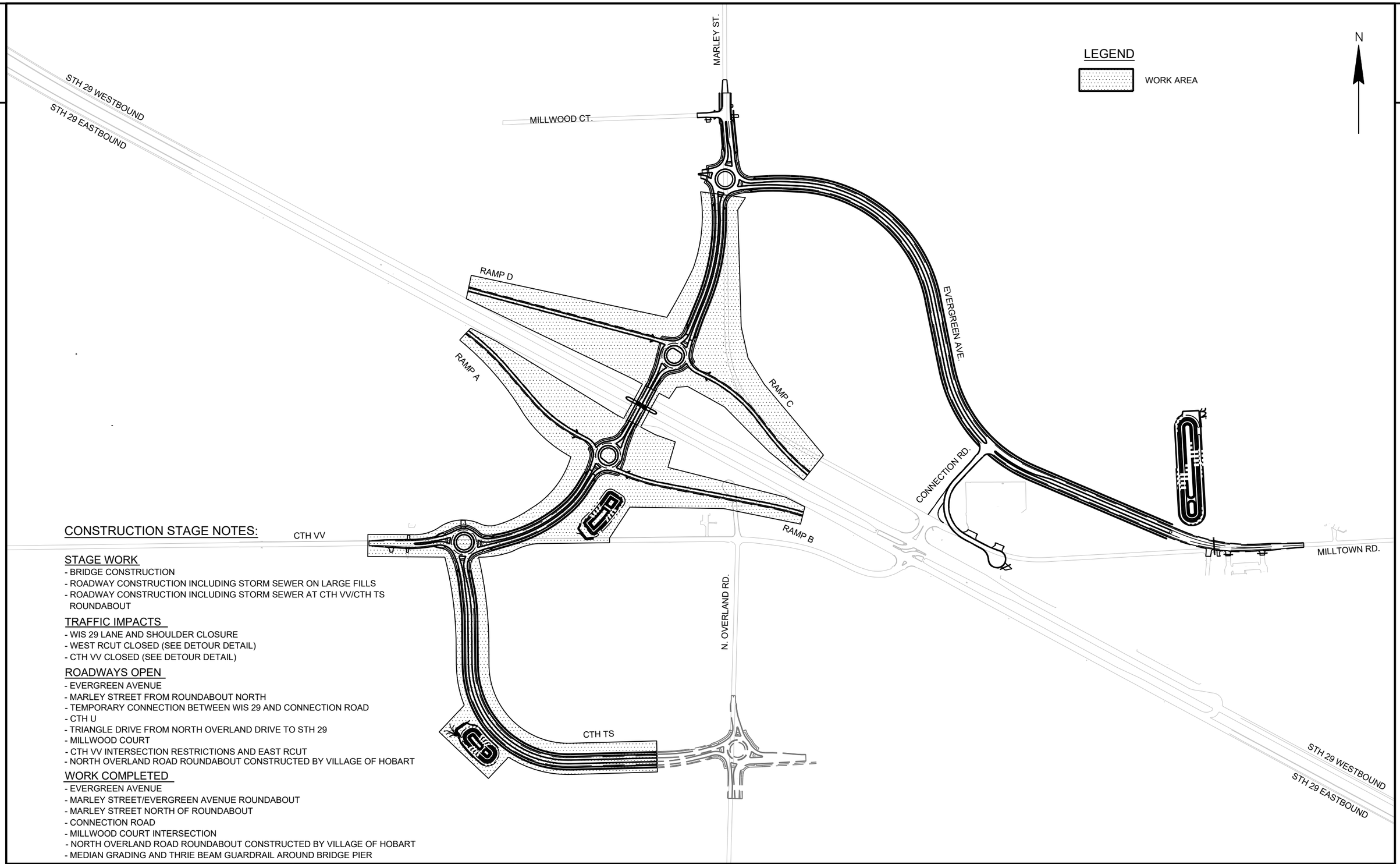
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 3B	SHEET E

PRE_457

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026202 S3.DWG
LAYOUT NAME - 026002 S3

PLOT DATE : 1/22/2020 9:05 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK
- BRIDGE CONSTRUCTION
- ROADWAY CONSTRUCTION INCLUDING STORM SEWER ON LARGE FILLS
- ROADWAY CONSTRUCTION INCLUDING STORM SEWER AT CTH VV/CTH TS ROUNDABOUT

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURE
- WEST RCUT CLOSED (SEE DETOUR DETAIL)
- CTH VV CLOSED (SEE DETOUR DETAIL)

ROADWAYS OPEN
- EVERGREEN AVENUE
- MARLEY STREET FROM ROUNDABOUT NORTH
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- TRIANGLE DRIVE FROM NORTH OVERLAND DRIVE TO STH 29
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- MEDIAN GRADING AND THRIE BEAM GUARDRAIL AROUND BRIDGE PIER

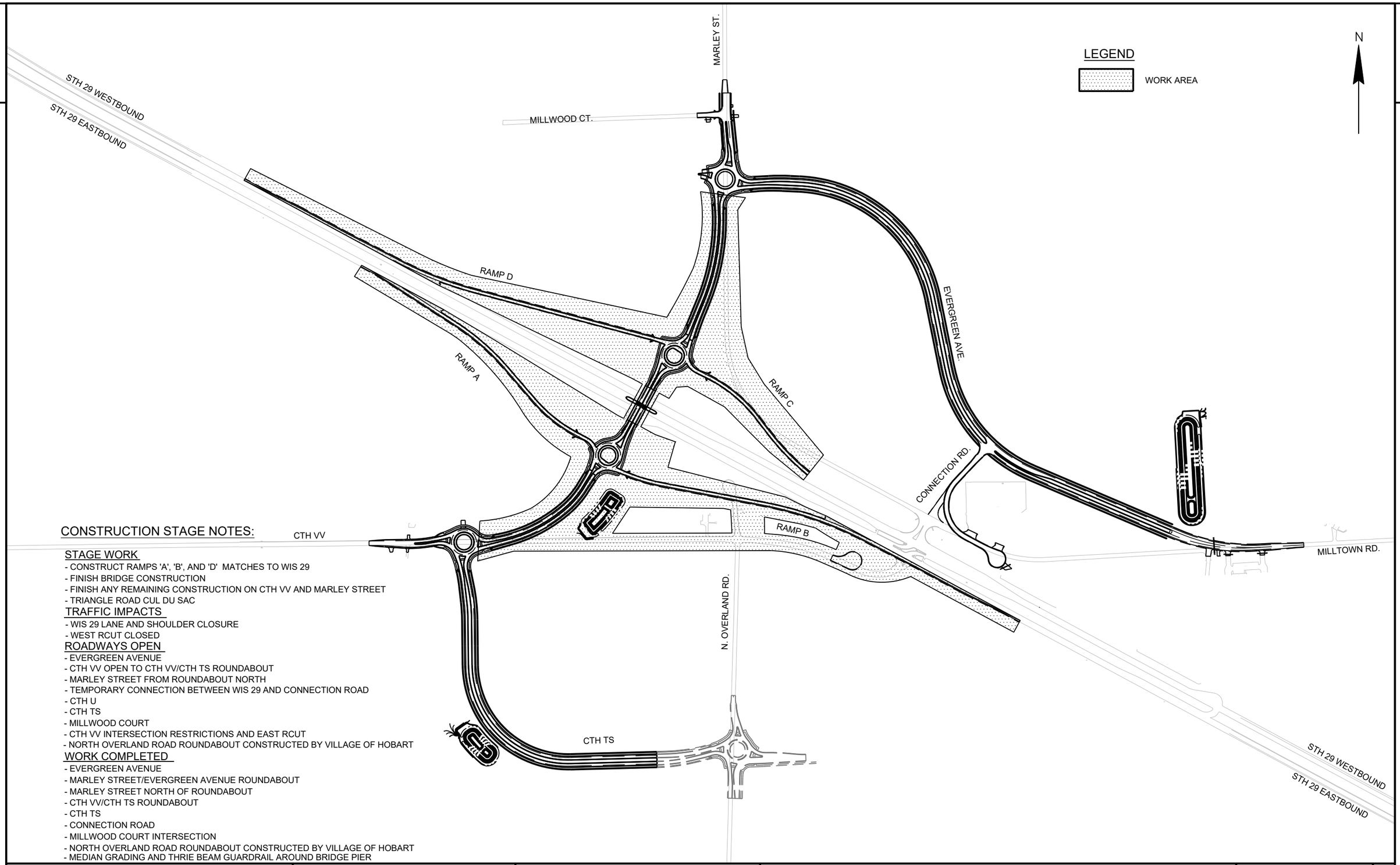
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 4B	SHEET E

PRE_458

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026302 S4.DWG
LAYOUT NAME - 026002 S4

PLOT DATE : 1/22/2020 9:06 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION STAGE NOTES:

STAGE WORK
- CONSTRUCT RAMPS 'A', 'B', AND 'D' MATCHES TO WIS 29
- FINISH BRIDGE CONSTRUCTION
- FINISH ANY REMAINING CONSTRUCTION ON CTH VV AND MARLEY STREET
- TRIANGLE ROAD CUL DU SAC

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURE
- WEST RCUT CLOSED

ROADWAYS OPEN
- EVERGREEN AVENUE
- CTH VV OPEN TO CTH VV/CTH TS ROUNDABOUT
- MARLEY STREET FROM ROUNDABOUT NORTH
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH U
- CTH TS
- MILLWOOD COURT
- CTH VV INTERSECTION RESTRICTIONS AND EAST RCUT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH VV/CTH TS ROUNDABOUT
- CTH TS
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- MEDIAN GRADING AND THRIE BEAM GUARDRAIL AROUND BRIDGE PIER

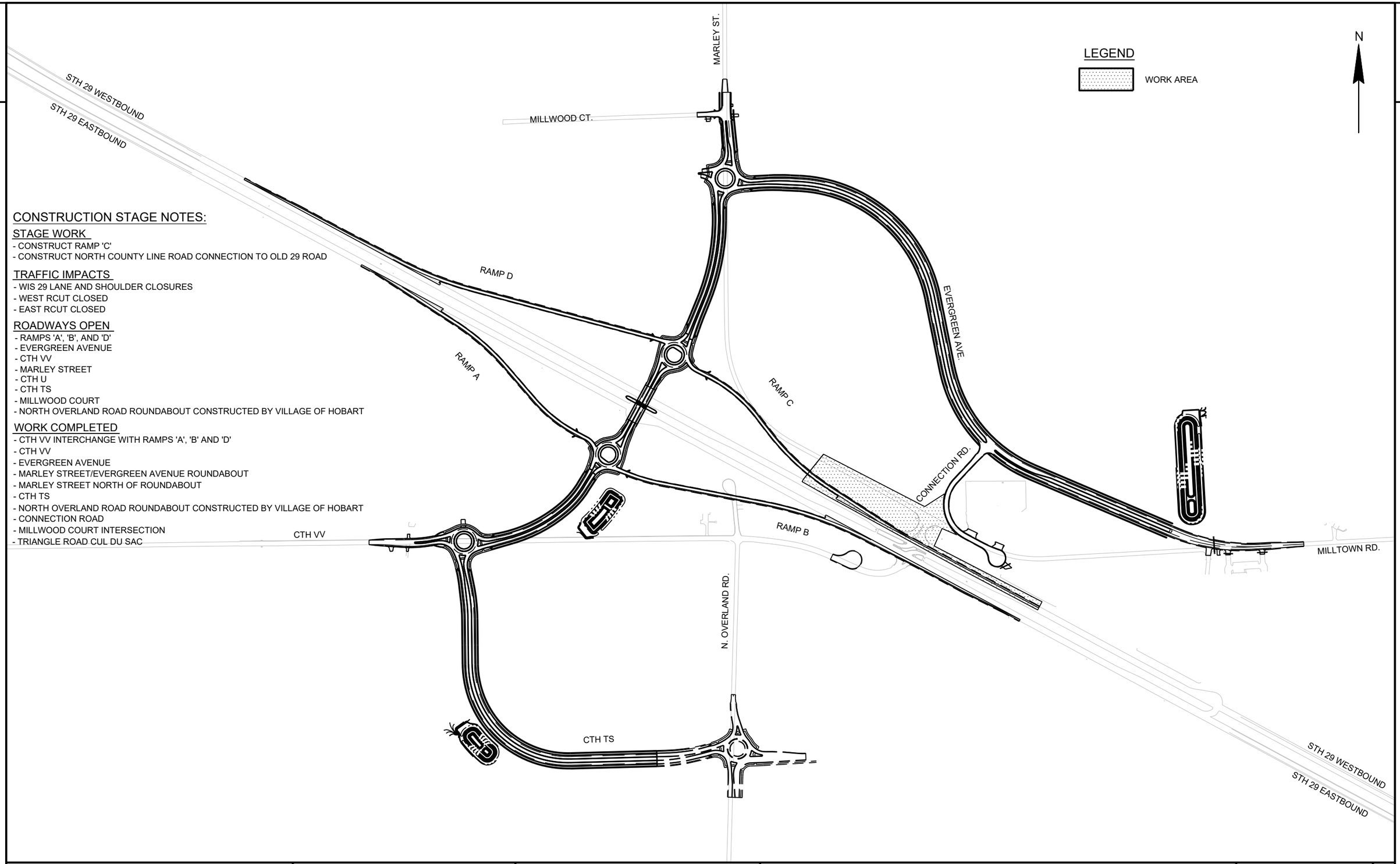
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 5B	SHEET PRE_459 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026402 S5.DWG
LAYOUT NAME - 026002 S5

PLOT DATE : 1/22/2020 9:06 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2



CONSTRUCTION STAGE NOTES:

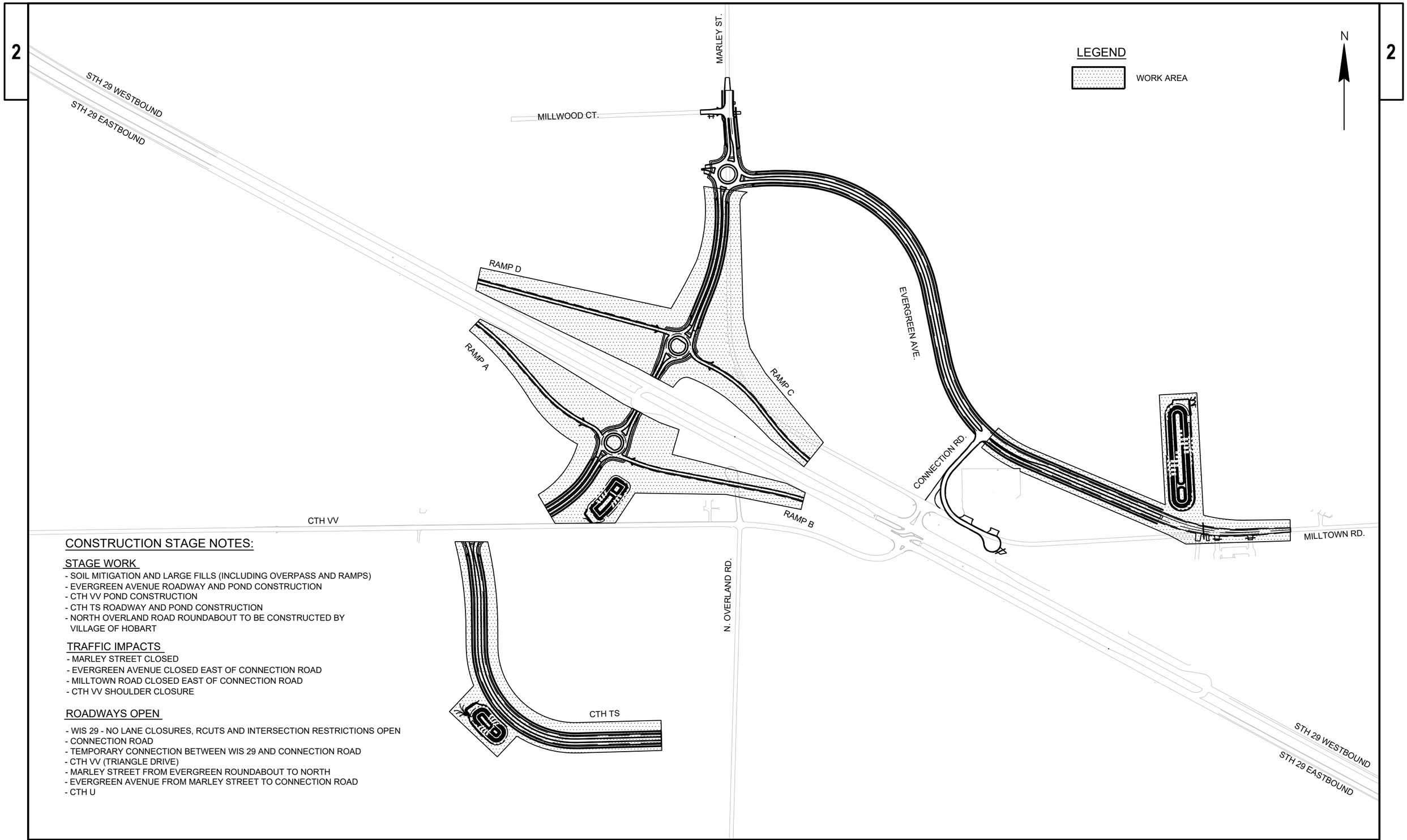
STAGE WORK
- CONSTRUCT RAMP 'C'
- CONSTRUCT NORTH COUNTY LINE ROAD CONNECTION TO OLD 29 ROAD

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED
- EAST RCUT CLOSED

ROADWAYS OPEN
- RAMPS 'A', 'B', AND 'D'
- EVERGREEN AVENUE
- CTH VV
- MARLEY STREET
- CTH U
- CTH TS
- MILLWOOD COURT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- CTH VV INTERCHANGE WITH RAMPS 'A', 'B' AND 'D'
- CTH VV
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- TRIANGLE ROAD CUL DU SAC

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 6A	SHEET PRE_460 E



CONSTRUCTION STAGE NOTES:

STAGE WORK

- SOIL MITIGATION AND LARGE FILLS (INCLUDING OVERPASS AND RAMPS)
- EVERGREEN AVENUE ROADWAY AND POND CONSTRUCTION
- CTH VV POND CONSTRUCTION
- CTH TS ROADWAY AND POND CONSTRUCTION
- NORTH OVERLAND ROAD ROUNDABOUT TO BE CONSTRUCTED BY VILLAGE OF HOBART

TRAFFIC IMPACTS

- MARLEY STREET CLOSED
- EVERGREEN AVENUE CLOSED EAST OF CONNECTION ROAD
- MILLTOWN ROAD CLOSED EAST OF CONNECTION ROAD
- CTH VV SHOULDER CLOSURE

ROADWAYS OPEN

- WIS 29 - NO LANE CLOSURES, RCUTS AND INTERSECTION RESTRICTIONS OPEN
- CONNECTION ROAD
- TEMPORARY CONNECTION BETWEEN WIS 29 AND CONNECTION ROAD
- CTH VV (TRIANGLE DRIVE)
- MARLEY STREET FROM EVERGREEN ROUNDABOUT TO NORTH
- EVERGREEN AVENUE FROM MARLEY STREET TO CONNECTION ROAD
- CTH U

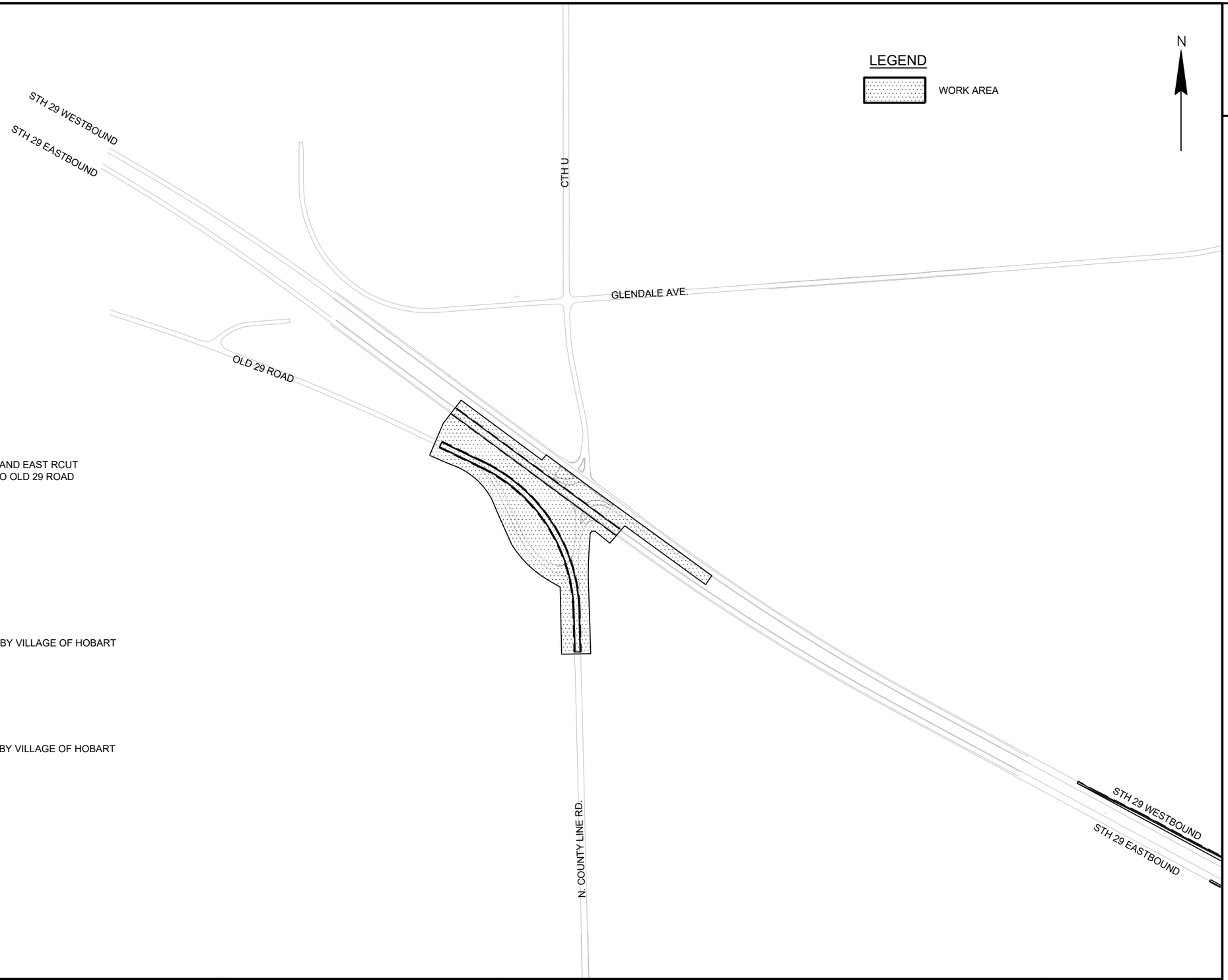
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 2C	SHEET PRE_461 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026103 S2.DWG
LAYOUT NAME - 026003 S2
PLOT DATE : 1/22/2020 9:07 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- REMOVE CTH U INTERSECTION
- REMOVE CTH VV MEDIAN INTERSECTION RESTRICTIONS AND EAST RCUT
- CONSTRUCT NORTH COUNTY LINE ROAD CONNECTION TO OLD 29 ROAD

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED
- EAST RCUT CLOSED

ROADWAYS OPEN
- RAMPS 'A', 'B', 'C', AND 'D'
- EVERGREEN AVENUE
- CTH VV
- MARLEY STREET
- CTH U
- CTH TS
- MILLWOOD COURT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- CTH VV INTERCHANGE WITH RAMPS 'A', 'B', 'C', AND 'D'
- CTH VV
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- TRIANGLE ROAD CUL DU SAC

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 6B	SHEET E

PRE_462

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026503 S6.DWG
LAYOUT NAME - 026003 S6

PLOT DATE : 1/22/2020 9:08 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2

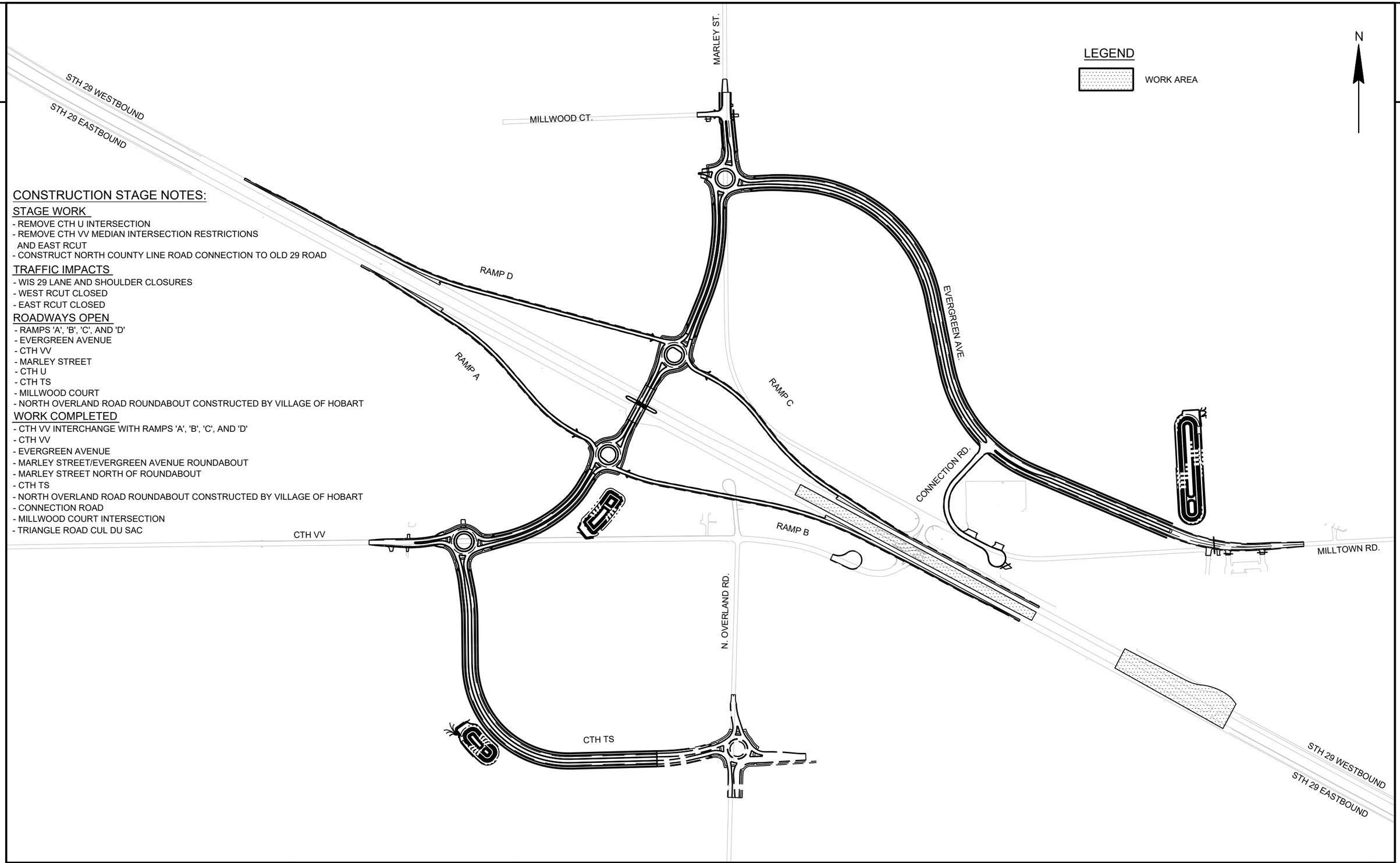
CONSTRUCTION STAGE NOTES:

STAGE WORK
- REMOVE CTH U INTERSECTION
- REMOVE CTH VV MEDIAN INTERSECTION RESTRICTIONS AND EAST RCUT
- CONSTRUCT NORTH COUNTY LINE ROAD CONNECTION TO OLD 29 ROAD

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED
- EAST RCUT CLOSED

ROADWAYS OPEN
- RAMPS 'A', 'B', 'C', AND 'D'
- EVERGREEN AVENUE
- CTH VV
- MARLEY STREET
- CTH U
- CTH TS
- MILLWOOD COURT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

WORK COMPLETED
- CTH VV INTERCHANGE WITH RAMPS 'A', 'B', 'C', AND 'D'
- CTH VV
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- TRIANGLE ROAD CUL DU SAC



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 6B	SHEET E

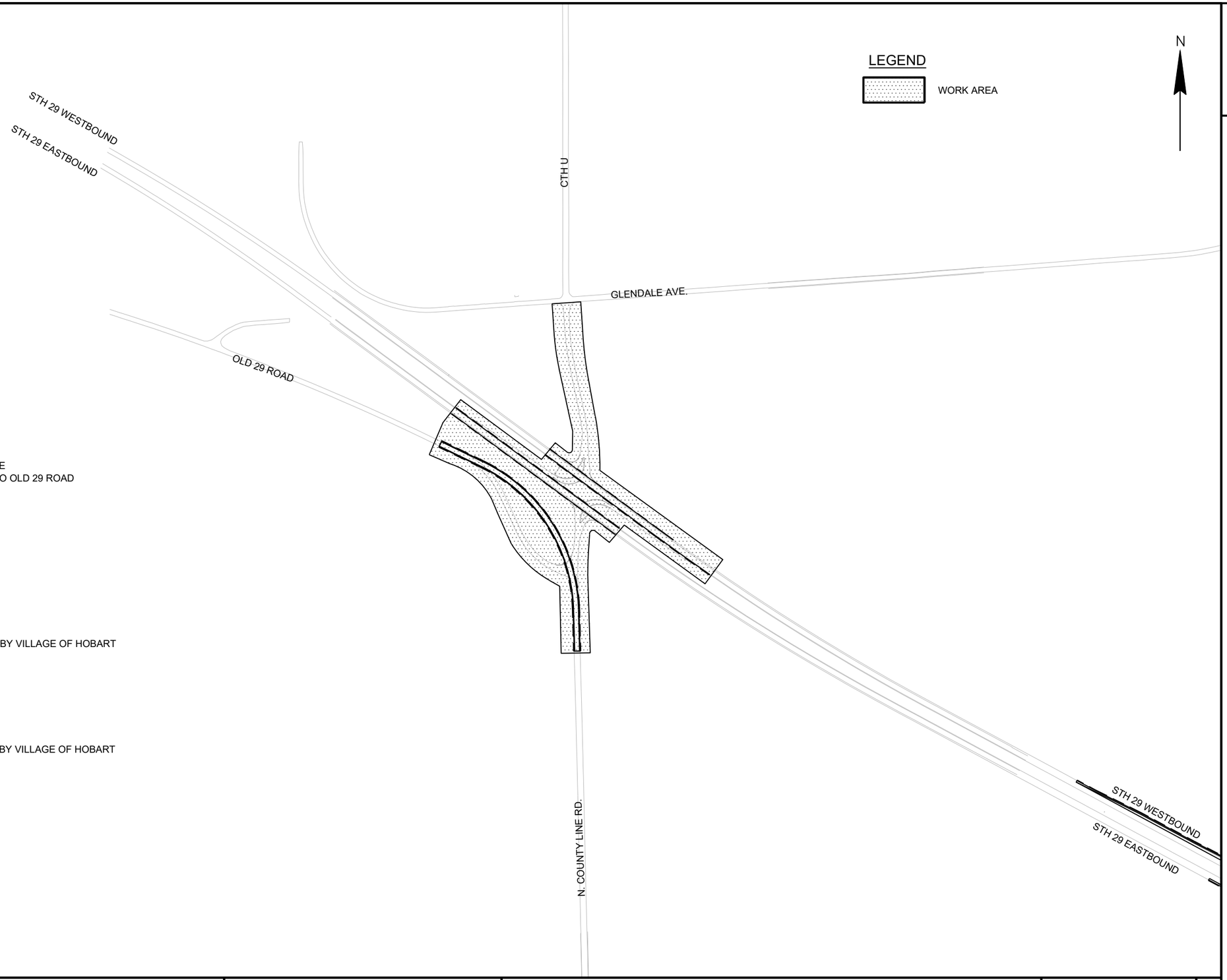
PRE_463

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026504 S6.DWG
LAYOUT NAME - 026004 S6

PLOT DATE : 1/22/2020 9:09 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2



CONSTRUCTION STAGE NOTES:

STAGE WORK
- REMOVE CTH U INTERSECTION
- REMOVE CTH U BETWEEN WIS 29 AND GLENDALE AVENUE
- CONSTRUCT NORTH COUNTY LINE ROAD CONNECTION TO OLD 29 ROAD

TRAFFIC IMPACTS
- WIS 29 LANE AND SHOULDER CLOSURES
- WEST RCUT CLOSED
- EAST RCUT CLOSED

ROADWAYS OPEN
- RAMPS 'A', 'B', 'C', AND 'D'
- EVERGREEN AVENUE
- CTH VV
- MARLEY STREET
- CTH U
- CTH TS
- MILLWOOD COURT
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART

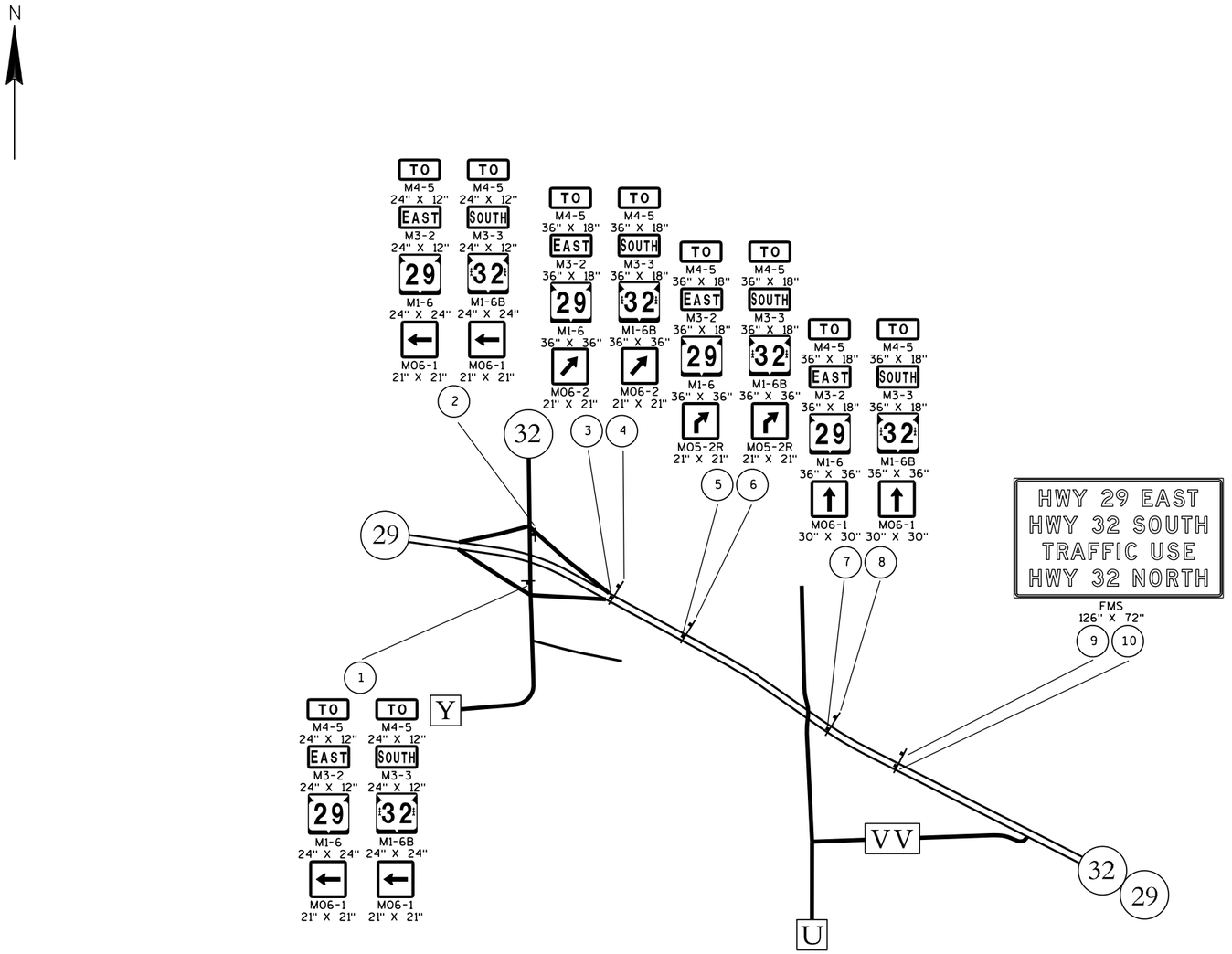
WORK COMPLETED
- CTH VV INTERCHANGE WITH RAMPS 'A', 'B', 'C', AND 'D'
- CTH VV
- EVERGREEN AVENUE
- MARLEY STREET/EVERGREEN AVENUE ROUNDABOUT
- MARLEY STREET NORTH OF ROUNDABOUT
- CTH TS
- NORTH OVERLAND ROAD ROUNDABOUT CONSTRUCTED BY VILLAGE OF HOBART
- CONNECTION ROAD
- MILLWOOD COURT INTERSECTION
- TRIANGLE ROAD CUL DU SAC

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	STAGE CONSTRUCTION-STAGE 6C	SHEET E

PRE_464

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\026505 S6.DWG
LAYOUT NAME - 026005 S6

PLOT DATE : 1/22/2020 9:09 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT



LEGEND

- (X) SIGN NUMBER, REFER TO MISCELLANEOUS QUANTITY SHEET
- ▲ PCMS (X) PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN

PLAN SHEET PRODUCED BY WisDOT-NE REGION

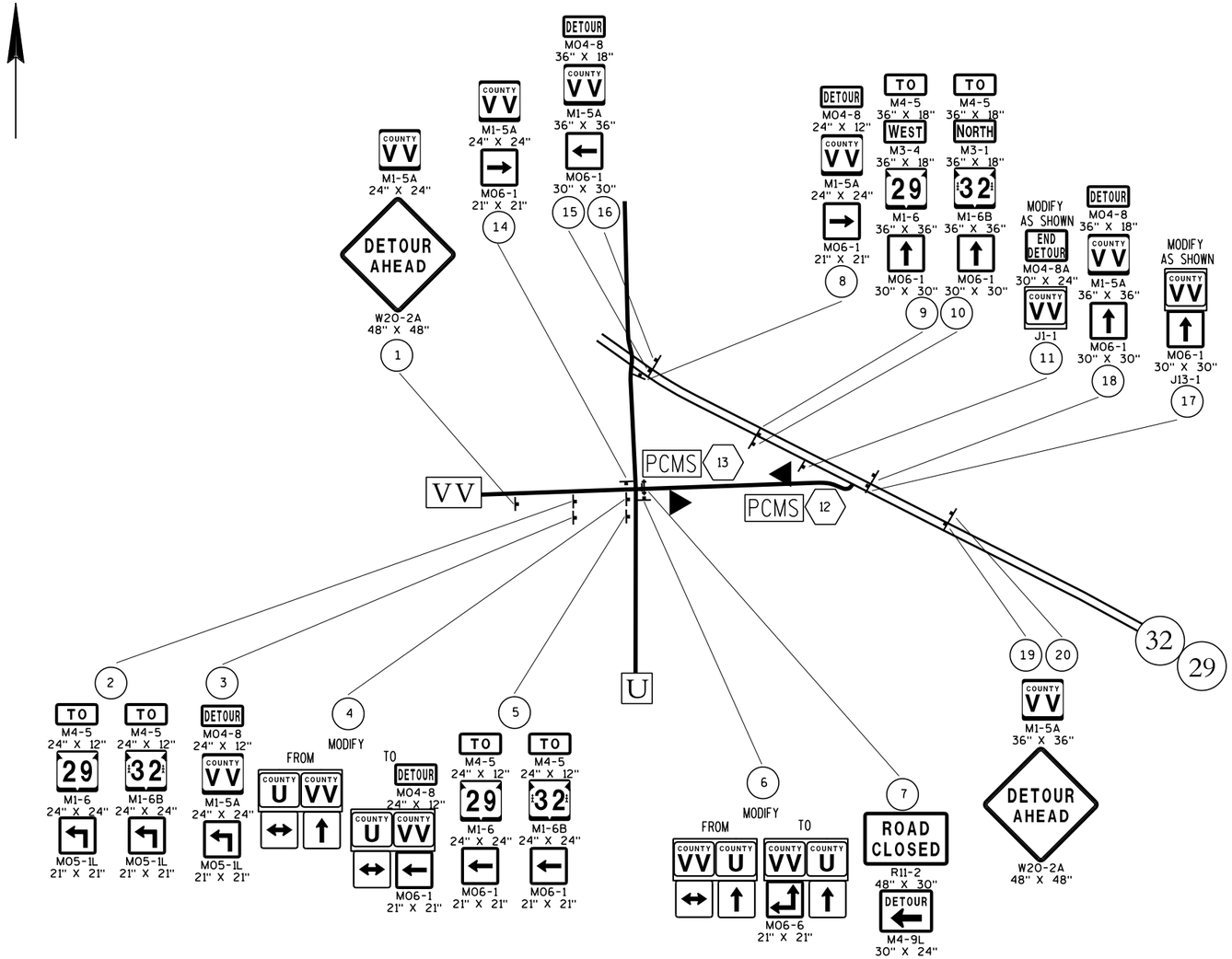
PROJECT NO: 9200-10-71	HWY: STH 29/32	COUNTY: BROWN	DETOUR SIGNING DETAIL - WEST RCUT CLOSURE	SHEET E

PRE_465

FILE NAME : N:\spo\traffic\A Work Zone\Detours\Brown County\STH 29-32\West RCUT\027002_dt.dgn PLOT DATE : 03-DEC-2019 16:02 PLOT BY : dotj1f PLOT NAME : PLOT SCALE : 200:1

2

N



LEGEND

(X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET

▲ PCMS (X) PORTABLE CHANGEABLE MESSAGE SIGN

SIGN MOUNTED ON TYPE III BARRICADE

POST MOUNTED SIGN

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 9200-10-71	HWY: STH 29/32	COUNTY: BROWN	DETOUR SIGNING DETAIL - CTH VV CLOSURE	SHEET E

PRE_466

2

CP#132
3/4-INCH REBAR WITH CAP
STA. 470+72.29'EB'-62.46' LT.
Y=593636.288
X=52813.867

STH 29 WESTBOUND
CONSTRUCTION R/L

PC: 459+17.53
Y = 594282.920
X = 51849.243

PT: 472+15.96

STA BACK = 472+17.54

STA AHEAD = 472+09.37

EQUATION

BM #201
Y=594450.388
X=54132.909

CP#131
3/4-INCH REBAR WITH CAP
EAST OF STORAGE BUILDING"A"
75' SOUTH OF PP#2519 33 R39
STA. 476+00.35'EB'-1359.82' LT.
Y=594367.128
X=55008.800

PC: 491+51.04

CP#130
3/4-INCH REBAR WITH CAP
STA. 499+00.42'EB'-19.46' LT.
Y=591954.276
X=55084.311

PT: 507+76.61

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
200	490+61'EB'	CHISELED BOX ON LPOL - 247.8' RT.	772.74
201	476+51'EB'	SW CORNER OF FRONT STEP OF HOUSE #1884 ON CTH U - 1500.5' LT.	758.44

455'WB' 460'WB' 465'WB' 470'WB' 475'WB' S53° 35' 57"E 480'WB' 485'WB' 490'WB' 495'WB' 500'WB' 505'WB' 510'WB' S61° 40' 35"E 515'WB' 520'WB' 525'WB' 530'WB'

455'EB' 460'EB' 465'EB' 470'EB' 475'EB' 480'EB' S53° 35' 54"E 485'EB' 490'EB' 495'EB' 500'EB' 505'EB' 510'EB' 515'EB' 520'EB' 525'EB' 530'EB'

S61° 40' 30"E

C1 C2 C3 C4 C5

STH 29 EASTBOUND
CONSTRUCTION R/L

PC: 457+02.13
Y = 594338.313
X = 51632.612

PT: 470+00.73

BEGIN PROJECT
STA. 479+68'EB'
Y = 593054.462
X = 53497.741

N64° 13' 53"W

115'OH' 110'OH' 105'OH'

OLD STH 29

BM #200
Y=592206.373
X=54230.781

EP: 115+39.80
Y = 592958.878
X = 53252.315

PT: 111+19.57

PC: 102+08.63

PC: 489+83.99

N1° 34' 30"W 100'OH'

BP: 95+26.77
Y = 591367.314
X = 54120.048

CURVE DATA

C1
PI STA = 463+52.13'EB'
Y = 594014.213
X = 52196.044
DELTA = 6°29'35"
D = 0°30'00"
T = 650.00'
L = 1298.60'
R = 11459.16'
PC STA = 457+02.13'EB'
Y = 594338.313
X = 51632.612
PT STA = 470+00.73'EB'
Y = 593628.478
X = 52719.212
BK = S60°05'29"E
AH = S53°35'54"E

C2
PI STA = 497+92.99'EB'
Y = 591971.435
X = 54966.636
DELTA = 8°04'36"
D = 0°30'00"
T = 809.00'
L = 1615.33'
R = 11459.16'
PC STA = 489+83.99'EB'
Y = 592451.531
X = 54315.488
PT STA = 505+99.32'EB'
Y = 591587.585
X = 55678.778
BK = S53°35'54"E
AH = S61°40'30"E

CURVE DATA

C5
PI STA = 107+15.67'OH'
Y = 592555.760
X = 54087.371
DELTA = 62°39'23"
D = 6°52'42"
T = 507.03'
L = 910.94'
R = 833.00'
PC STA = 102+08.63'OH'
Y = 592048.918
X = 54101.307
PT STA = 111+19.57'OH'
Y = 592776.187
X = 53630.758
BK = N01°34'30"W
AH = N64°13'53"W

PT: 505+99.32

STA BACK = 507+64.17

STA AHEAD = 507+74.32

EQUATION

CURVE DATA

C3
PI STA = 465+67.44'WB'
Y = 593958.863
X = 52412.600
DELTA = 6°29'32"
D = 0°30'00"
T = 649.91'
L = 1298.43'
R = 11459.16'
PC STA = 459+17.53'WB'
Y = 594282.920
X = 51849.243
PT STA = 472+15.96'WB'
Y = 593573.187
X = 52935.704
BK = S60°05'29"E
AH = S53°35'57"E

C4
PI STA = 499+60.09'WB'
Y = 591939.893
X = 55150.988
DELTA = 8°04'38"
D = 0°30'00"
T = 809.05'
L = 1615.42'
R = 11459.16'
PC STA = 491+51.04'WB'
Y = 592420.009
X = 54499.793
PT STA = 507+76.61'WB'
Y = 591556.037
X = 55863.182
BK = S53°35'57"E
AH = S61°40'35"E

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
202	553+49'EB'	NW CORNER OF BOTTOM STEP OF HOUSE #5078 OVERLAND DR. - 844.4' RT.	760.16
203	566+44'EB'	TOP OF NW BOLT ON MAPLE WOOD MEATS SIGN - 284.7' LT.	759.98

BM #205
Y=591492.378
X=58414.030

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
204	580+44'EB'	SW CORNER OF THE BOTTOM STEP OF HOUSE #4516 MILLTOWN RD. - 1301.7' LT.	756.03
205	530+52'EB'	RR SPK IN PPOL # 2 AA 54 ON MILLWOOD CT. - 1214.0' LT.	759.04

BM #204
Y=589201.224
X=62849.522

STH 29 WESTBOUND
CONSTRUCTION R/L

BM #203
Y=588970.121
X=61134.901

530'WB' 535'WB' 540'WB' 545'WB' 550'WB' 555'WB' 560'WB' S61° 40' 35"E 565'WB' 570'WB' 575'WB' 580'WB' 585'WB' 590'WB' 595'WB' 600'WB' 605'WB'

530'EB' 535'EB' 540'EB' 545'EB' 550'EB' 555'EB' 560'EB' 565'EB' 570'EB' 575'EB' 580'EB' 585'EB' 590'EB' 595'EB' 600'EB' 605'EB'

S61° 40' 30"E

STA. 600+00.00 STH 29 'WB'
Y = 587179.985
X = 63982.365

CURVE DATA

C133
PI STA = 685+55.62'T'
Y = 589022.063
X = 59987.030
DELTA = 29°57'51"
D = 31°49'52"
T = 48.17'
L = 94.14'
R = 180.00'
PC STA = 685+07.45'T'
Y = 589041.776
X = 59943.077
PT STA = 686+01.58'T'
Y = 589026.937
X = 60034.953
BK = S65°50'37"E
AH = N84°11'32"E

N84° 11' 32"E

S65° 50' 37"E

685'T'

TRIANGLE DR.

C133

PT: 686+01.58

EP: 687+25.00
Y = 589039.426
X = 60157.736

PC: 685+07.45

BP: 684+85.00
Y = 589050.962
X = 59922.595

CP#134
3/4-INCH REBAR WITH CAP
STA. 552+27.66'EB'-722.63' RT.
Y=588755.452
X=59410.107

BM #202
Y=588590.516
X=59459.484

STH 29 EASTBOUND
CONSTRUCTION R/L

END PROJECT
STA. 579+55'EB'
Y = 588097.517
X = 62153.769

STA. 600+00.00 STH 29 'EB'
Y = 587127.221
X = 63953.924

CP#136
3/4-INCH REBAR WITH CAP
STA. 583+55.12'EB'-13.94' LT.
Y=587919.940
X=62512.595

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

PRE_467

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027201 AD.DWG
LAYOUT NAME - 027201 ad

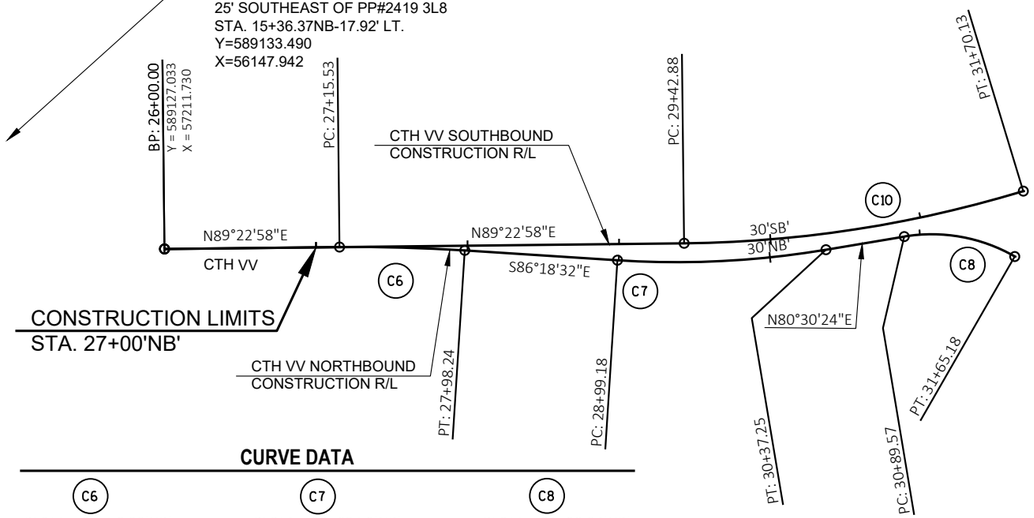
PLOT DATE : 1/22/2020 9:09 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

CURVE DATA

C10

PI STA = 30+57.28'SB'
Y = 589131.959
X = 57668.981
DELTA = 16°16'33"
D = 7°09'43"
T = 114.40'
L = 227.25'
R = 800.00'
PC STA = 29+42.88'SB'
Y = 589130.727
X = 57554.591
PT STA = 31+70.13'SB'
Y = 589165.201
X = 57778.442
BK = N89°22'58"E
AH = N73°06'25"E

CP#133
3/4-INCH REBAR WITH CAP
NEAR FIELD ENTRANCE
25' SOUTHEAST OF PP#2419 3L8
STA. 15+36.37NB-17.92' LT.
Y=589133.490
X=56147.942



CURVE DATA

C6

PI STA = 27+56.90'NB'
Y = 589128.723
X = 57368.625
DELTA = 4°18'30"
D = 5°12'31"
T = 41.38'
L = 82.71'
R = 1100.00'
PC STA = 27+15.53'NB'
Y = 589128.277
X = 57327.251
PT STA = 27+98.24'NB'
Y = 589126.060
X = 57409.915
BK = N89°22'58"E
AH = S86°18'32"E

C7

PI STA = 29+68.52'NB'
Y = 589115.097
X = 57579.845
DELTA = 13°11'04"
D = 9°32'57"
T = 69.34'
L = 138.07'
R = 600.00'
PC STA = 28+99.18'NB'
Y = 589119.561
X = 57510.650
PT STA = 30+37.25'NB'
Y = 589126.534
X = 57648.235
BK = S86°18'32"E
AH = N80°30'24"E

C8

PI STA = 31+28.94'NB'
Y = 589141.656
X = 57738.667
DELTA = 39°23'00"
D = 52°05'13"
T = 39.37'
L = 75.61'
R = 110.00'
PC STA = 30+89.57'NB'
Y = 589135.163
X = 57699.838
PT STA = 31+65.18'NB'
Y = 589122.038
X = 57772.798
BK = N80°30'24"E
AH = S60°06'36"E

CURVE DATA

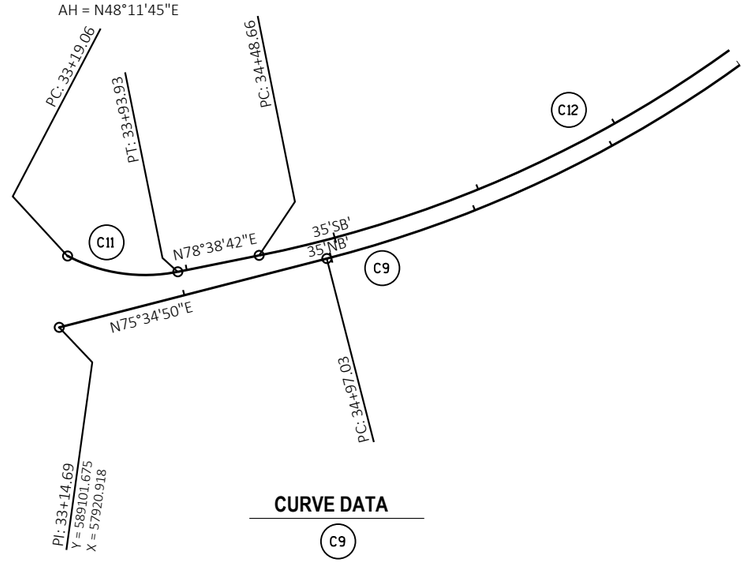
C11

PI STA = 33+58.01'SB'
Y = 589130.715
X = 57960.963
DELTA = 39°00'01"
D = 52°05'13"
T = 38.95'
L = 74.88'
R = 110.00'
PC STA = 33+19.06'SB'
Y = 589148.789
X = 57926.457
PT STA = 33+93.93'SB'
Y = 589138.384
X = 57999.154
BK = S62°21'16"E
AH = N78°38'42"E

C12

PI STA = 36+66.39'SB'
Y = 589192.027
X = 58266.279
DELTA = 30°26'58"
D = 7°09'43"
T = 217.73'
L = 425.15'
R = 800.00'
PC STA = 34+48.66'SB'
Y = 589149.160
X = 58052.815
PT STA = 38+73.82'SB'
Y = 589337.160
X = 58428.577
BK = N78°38'42"E
AH = N48°11'45"E

PC ST,
Y = 589.
X = 5842ε
PT STA = 4ϑ
Y = 589447.7ϛ
X = 58521.087
BK = N48°11'45"Ł
AH = N31°36'47"E



CURVE DATA

C9

PI STA = 36+94.86'NB'
Y = 589196.343
X = 58289.108
DELTA = 27°23'06"
D = 7°03'22"
T = 197.83'
L = 388.10'
R = 812.00'
PC STA = 34+97.03'NB'
Y = 589147.080
X = 58097.509
PT STA = 38+85.13'NB'
Y = 589328.215
X = 58436.576
BK = N75°34'50"E
AH = N48°11'45"E

2

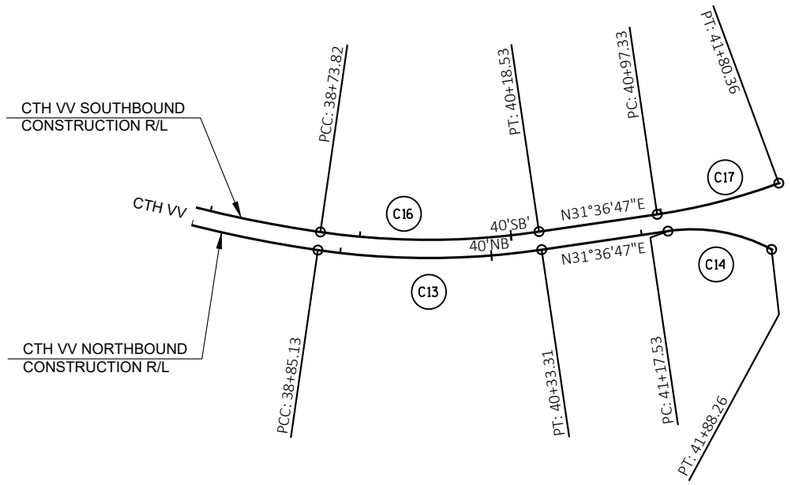
CURVE DATA

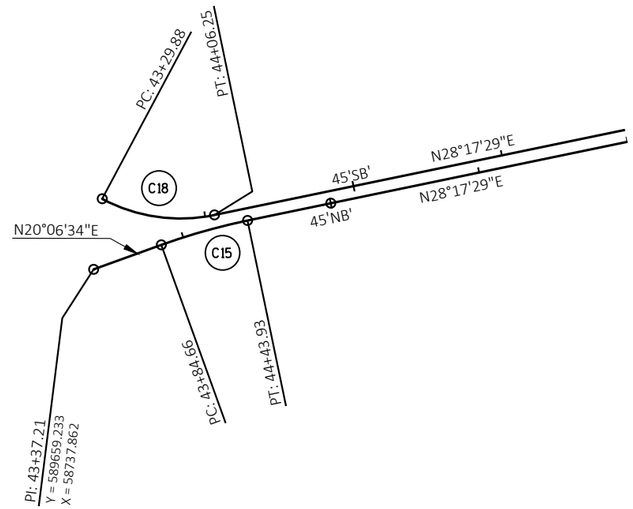
C16	C17
PI STA = 39+46.68'SB'	PI STA = 41+39.00'SB'
Y = 589385.731	Y = 589550.374
X = 58482.893	X = 58584.234
DELTA = 16°34'58"	DELTA = 11°53'33"
D = 11°27'33"	D = 14°19'26"
T = 72.86'	T = 41.66'
L = 144.71'	L = 83.03'
R = 500.00'	R = 400.00'
PC STA = 38+73.82'SB'	PC STA = 40+97.33'SB'
Y = 589337.160	Y = 589514.894
X = 58428.577	X = 58562.395
PT STA = 40+18.53'SB'	PT STA = 41+80.36'SB'
Y = 589447.783	Y = 589589.593
X = 58521.087	X = 58598.292
BK = N48°11'45"E	BK = N31°36'47"E
AH = N31°36'47"E	AH = N19°43'14"E

CURVE DATA

C18

PI STA = 43+69.68'SB'
Y = 589708.348
X = 58742.745
DELTA = 39°46'40"
D = 52°05'13"
T = 39.80'
L = 76.37'
R = 110.00'
PC STA = 43+29.88'SB'
Y = 589693.485
X = 58705.830
PT STA = 44+06.25'SB'
Y = 589743.390
X = 58761.607
BK = N68°04'08"E
AH = N28°17'29"E





CURVE DATA

C13	C14
PI STA = 39+59.74'NB'	PI STA = 41+54.17'NB'
Y = 589377.952	Y = 589544.414
X = 58492.195	X = 58594.656
DELTA = 16°34'58"	DELTA = 36°50'32"
D = 11°11'26"	D = 52°05'13"
T = 74.61'	T = 36.64'
L = 148.18'	L = 70.73'
R = 512.00'	R = 110.00'
PC STA = 38+85.13'NB'	PC STA = 41+17.53'NB'
Y = 589328.215	Y = 589513.214
X = 58436.576	X = 58575.452
PT STA = 40+33.31'NB'	PT STA = 41+88.26'NB'
Y = 589441.493	Y = 589557.868
X = 58531.306	X = 58628.734
BK = N48°11'45"E	BK = N31°36'47"E
AH = N31°36'47"E	AH = N68°27'19"E

CURVE DATA

C15

PI STA = 44+14.35'NB'
Y = 589731.669
X = 58764.383
DELTA = 8°10'55"
D = 13°48'22"
T = 29.68'
L = 59.26'
R = 415.00'
PC STA = 43+84.66'NB'
Y = 589703.797
X = 58754.178
PT STA = 44+43.93'NB'
Y = 589757.805
X = 58778.451
BK = N20°06'34"E
AH = N28°17'29"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

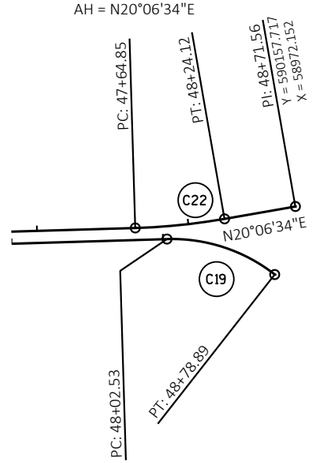
PRE_469

2

CURVE DATA

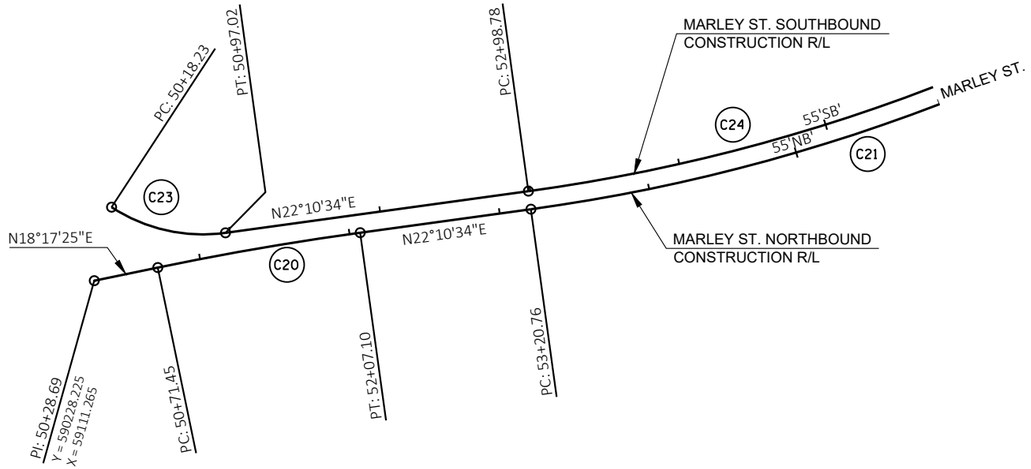
C22

PI STA = 47+94.54'SB'
Y = 590085.293
X = 58945.635
DELTA = 8°10'55"
D = 13°48'22"
T = 29.68'
L = 59.26'
R = 415.00'
PC STA = 47+64.85'SB'
Y = 590059.157
X = 58931.568
PT STA = 48+24.12'SB'
Y = 590113.165
X = 58955.840
BK = N28°17'29"E
AH = N20°06'34"E



CURVE DATA

C23	C24
PI STA = 50+59.40'SB'	PI STA = 55+48.99'SB'
Y = 590280.903	Y = 590737.563
X = 59111.683	X = 59297.821
DELTA = 41°02'16"	DELTA = 23°33'21"
D = 52°05'13"	D = 4°46'29"
T = 41.17'	T = 250.21'
L = 78.79'	L = 493.35'
R = 110.00'	R = 1200.00'
PC STA = 50+18.23'SB'	PC STA = 52+98.78'SB'
Y = 590262.350	Y = 590505.863
X = 59074.932	X = 59203.378
PT STA = 50+97.02'SB'	PT STA = 57+92.13'SB'
Y = 590319.026	Y = 590987.700
X = 59127.222	X = 59291.797
BK = N63°12'50"E	BK = N22°10'34"E
AH = N22°10'34"E	AH = N01°22'47"W



CURVE DATA

C19

PI STA = 48+42.32'NB'
Y = 590108.609
X = 58967.271
DELTA = 39°46'23"
D = 52°05'13"
T = 39.79'
L = 76.36'
R = 110.00'
PC STA = 48+02.53'NB'
Y = 590073.572
X = 58948.412
PT STA = 48+78.89'NB'
Y = 590123.474
X = 59004.180
BK = N28°17'29"E
AH = N68°03'52"E

CURVE DATA

C20	C21
PI STA = 51+39.30'NB'	PI STA = 55+73.47'NB'
Y = 590333.253	Y = 590735.351
X = 59145.979	X = 59309.877
DELTA = 3°53'10"	DELTA = 23°33'21"
D = 2°51'53"	D = 4°43'39"
T = 67.85'	T = 252.71'
L = 135.65'	L = 498.28'
R = 2000.00'	R = 1212.00'
PC STA = 50+71.45'NB'	PC STA = 53+20.76'NB'
Y = 590268.831	Y = 590501.333
X = 59124.686	X = 59214.490
PT STA = 52+07.10'NB'	PT STA = 58+19.04'NB'
Y = 590396.083	Y = 590987.989
X = 59171.590	X = 59303.793
BK = N18°17'25"E	BK = N22°10'34"E
AH = N22°10'34"E	AH = N01°22'47"W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

PRE_470

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027202 AD.DWG
LAYOUT NAME - 027204 ad

PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

CURVE DATA

C27

PI STA = 59+08.72'SB'
Y = 591104.259
X = 59288.990
DELTA = 5°24'06"
D = 11°27'33"
T = 23.59'
L = 47.14'
R = 500.00'
PC STA = 58+85.13'SB'
Y = 591080.679
X = 59289.557
PT STA = 59+32.27'SB'
Y = 591127.681
X = 59286.204
BK = N01°22'47"W
AH = N06°46'53"W

CP#135
3/4-INCH REBAR WITH CAP
NEAR HOUSE NO. 4969-MILLWOOD COURT
20' NORTH OF PP#2AA54
STA. 63+98.27'NB'-929.48' LT.
Y=591509.071
X=58419.354

CURVE DATA

C28

PI STA = 61+20.14'SB'
Y = 591302.583
X = 59349.612
DELTA = 40°26'03"
D = 52°05'13"
T = 40.51'
L = 77.63'
R = 110.00'
PC STA = 60+79.63'SB'
Y = 591269.501
X = 59326.233
PT STA = 61+57.26'SB'
Y = 591342.927
X = 59345.951
BK = N35°14'53"E
AH = N05°11'09"W

CURVE DATA

C29

PI STA = 63+20.51'SB'
Y = 591505.505
X = 59331.195
DELTA = 4°58'52"
D = 7°29'23"
T = 33.28'
L = 66.51'
R = 765.00'
PC STA = 62+87.23'SB'
Y = 591472.366
X = 59334.203
PT STA = 63+53.74'SB'
Y = 591538.780
X = 59331.076
BK = N05°11'09"W
AH = N00°12'17"W

BP: 797+00.00'MW'
Y = 591548.001
X = 59047.329

MILLWOOD CT.
CONSTRUCTION R/L

N87°49'46"E

STA. 63+73.71'SB' MARLEY ST =
STA. 799+83.88'MW' MILLWOOD CT.
Y = 591558.752
X = 59331.005

STA BACK = 64+95.14
STA AHEAD = 65+25.00

EQUATION

MARLEY ST. SOUTHBOUND
CONSTRUCTION R/L

MARLEY ST.

N00°12'17"W 70'SB'
65'NB'
70'NB'
N00°12'17"W

MARLEY ST. NORTHBOUND
CONSTRUCTION R/L

CONSTRUCTION LIMITS
STA. 66+00'NB'
Y = 591755.230
X = 59346.303

PT: 57+92.13
PC: 58+85.13
PT: 59+32.27
N01°22'47"W
C27
C25
N01°22'47"W
PT: 58+19.04
PC: 58+70.95
PT: 59+50.96

PC: 60+79.63
PT: 61+57.26
C28
N05°11'09"W
PC: 62+87.23
C29
PT: 63+53.74
800'MW'
N04°49'19"W
C26
PI: 61+01.51
Y = 591257.769
X = 59372.214
PC: 63+70.48
PT: 64+32.12

STA. 64+04.14'NB' MARLEY ST =
STA. 800+00.40'MW' MILLWOOD CT.
Y = 591559.378
X = 59347.515

CURVE DATA

C25

PI STA = 59+12.82'NB'
Y = 591081.738
X = 59301.535
DELTA = 41°40'20"
D = 52°05'13"
T = 41.86'
L = 80.00'
R = 110.00'
PC STA = 58+70.95'NB'
Y = 591039.886
X = 59302.543
PT STA = 59+50.96'NB'
Y = 591113.670
X = 59328.609
BK = N01°22'47"W
AH = N40°17'33"E

CURVE DATA

C26

PI STA = 64+01.32'NB'
Y = 591556.515
X = 59347.013
DELTA = 4°37'02"
D = 7°29'23"
T = 30.84'
L = 61.65'
R = 765.00'
PC STA = 63+70.48'NB'
Y = 591525.783
X = 59349.605
PT STA = 64+32.12'NB'
Y = 591587.355
X = 59346.903
BK = N04°49'19"W
AH = N00°12'17"W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

PRE_471

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027202 AD.DWG
LAYOUT NAME - 027205 ad
PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

CURVE DATA

C38
PI STA = 929+91.76'FJ'
Y = 589148.371
X = 57614.277
DELTA = 11°01'51"
D = 8°14'38"
T = 67.11'
L = 133.81'
R = 695.00'
PC STA = 929+24.65'FJ'
Y = 589147.648
X = 57547.171
PT STA = 930+58.45'FJ'
Y = 589161.921
X = 57680.006
BK = N89°22'58"E
AH = N78°21'06"E

C39
PI STA = 931+30.79'FJ'
Y = 589174.868
X = 57750.931
DELTA = 8°32'02"
D = 19°05'55"
T = 22.38'
L = 44.68'
R = 300.00'
PC STA = 931+08.41'FJ'
Y = 589168.803
X = 57729.385
PT STA = 931+53.09'FJ'
Y = 589184.065
X = 57771.338
BK = N74°16'34"E
AH = N65°44'31"E

C41
PI STA = 932+51.37'FJ'
Y = 589224.440
X = 57860.934
DELTA = 62°25'39"
D = 73°27'22"
T = 47.26'
L = 84.99'
R = 78.00'
PC STA = 932+04.10'FJ'
Y = 589205.021
X = 57817.843
PT STA = 932+89.09'FJ'
Y = 589195.231
X = 57898.093
BK = N65°44'31"E
AH = S51°49'49"E

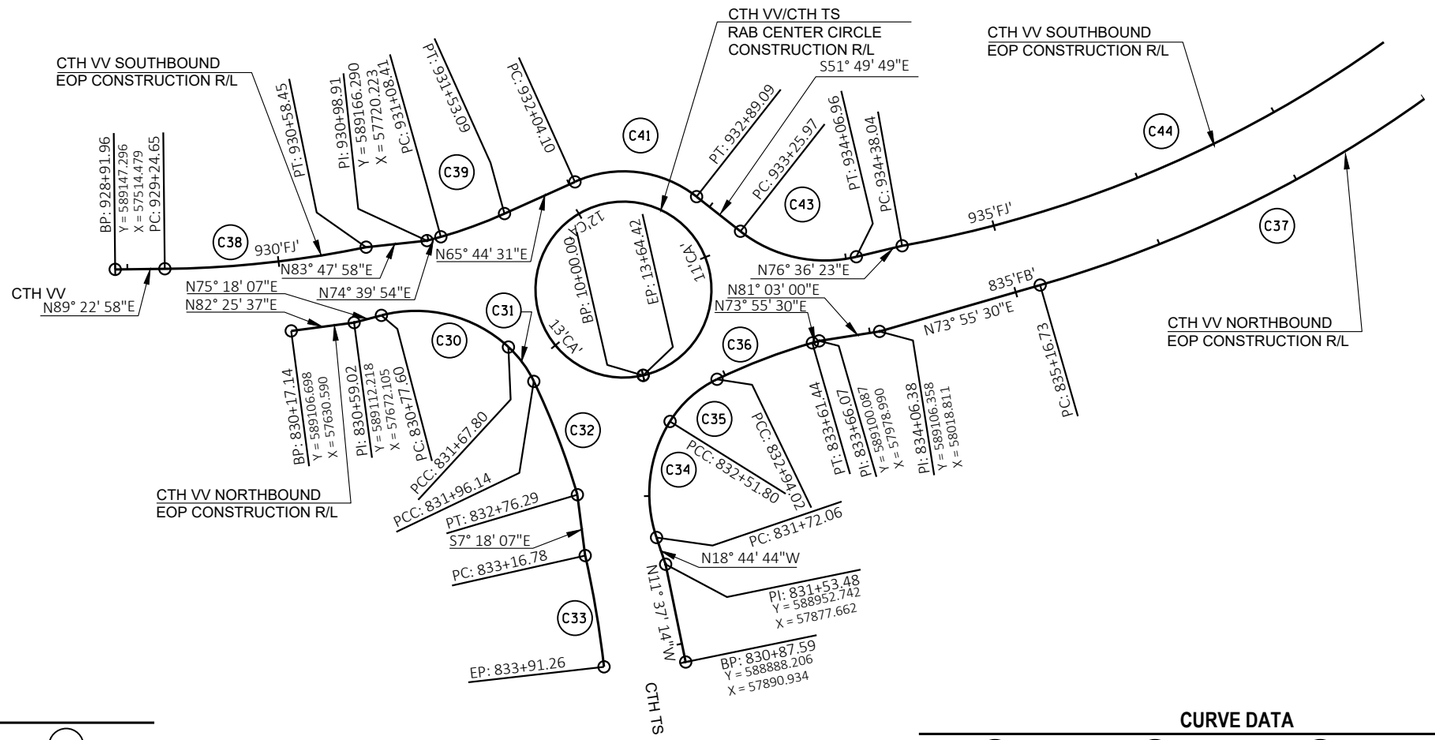
C43
PI STA = 933+69.44'FJ'
Y = 589145.575
X = 57961.263
DELTA = 51°33'47"
D = 63°39'43"
T = 43.47'
L = 81.00'
R = 90.00'
PC STA = 933+25.97'FJ'
Y = 589172.440
X = 57927.086
PT STA = 934+06.96'FJ'
Y = 589155.645
X = 58003.552
BK = S51°49'49"E
AH = N76°36'23"E

C44
PI STA = 936+59.74'FJ'
Y = 589202.054
X = 58251.989
DELTA = 31°37'02"
D = 7°19'03"
T = 221.69'
L = 432.08'
R = 783.00'
PC STA = 934+38.04'FJ'
Y = 589162.845
X = 58033.789
PT STA = 938+70.12'FJ'
Y = 589349.832
X = 58417.245
BK = N79°48'47"E
AH = N48°11'45"E

CURVE DATA
CENTER CIRCLE REFERENCE LINE

PI STA = 10+00.00'CA'
Y = 589077.370
X = 57862.826
DELTA = 359°59'53"
D = 98°47'08"
T = 0.00'
L = 364.42'
R = 58.00'
PC STA = 10+00.00'CA'
Y = 589077.370
X = 57862.827
PT STA = 13+64.42'CA'
Y = 589077.369
X = 57862.825
BK = N77°06'45"E
AH = N77°06'52"E

N



CURVE DATA

C30
PI STA = 831+26.90'FA'
Y = 589129.441
X = 57737.764
DELTA = 57°25'20"
D = 63°39'43"
T = 49.30'
L = 90.20'
R = 90.00'
PC STA = 830+77.60'FA'
Y = 589116.933
X = 57690.081
PT STA = 831+67.80'FA'
Y = 589095.995
X = 57773.978
BK = N75°18'07"E
AH = S47°16'33"E

C31
PI STA = 831+26.90'FA'
Y = 589129.441
X = 57737.764
DELTA = 57°25'20"
D = 63°39'43"
T = 49.30'
L = 90.20'
R = 90.00'
PC STA = 830+77.60'FA'
Y = 589116.933
X = 57690.081
PT STA = 831+67.80'FA'
Y = 589095.995
X = 57773.978
BK = N75°18'07"E
AH = S47°16'33"E

C32
PI STA = 832+36.30'FA'
Y = 589037.129
X = 57808.086
DELTA = 9°11'05"
D = 11°27'33"
T = 40.16'
L = 80.15'
R = 500.00'
PC STA = 831+96.14'FA'
Y = 589073.339
X = 57790.714
PT STA = 832+76.29'FA'
Y = 588998.611
X = 57819.455
BK = S25°37'47"E
AH = S16°26'42"E

C33
PI STA = 833+54.05'FA'
Y = 588922.079
X = 57832.764
DELTA = 6°08'25"
D = 8°14'38"
T = 37.28'
L = 74.48'
R = 695.00'
PC STA = 833+16.78'FA'
Y = 588958.450
X = 57824.601
PT STA = 833+91.26'FA'
Y = 588885.043
X = 57836.989
BK = S12°38'56"E
AH = S06°30'31"E

CURVE DATA

C34
PI STA = 832+14.76'FB'
Y = 589010.771
X = 57857.969
DELTA = 50°45'30"
D = 63°39'43"
T = 42.69'
L = 79.73'
R = 90.00'
PC STA = 831+72.06'FB'
Y = 588970.340
X = 57871.690
PT STA = 832+51.80'FB'
Y = 589046.973
X = 57880.602
BK = N18°44'44"W
AH = N32°00'46"E

C35
PI STA = 832+73.48'FB'
Y = 589065.361
X = 57892.098
DELTA = 32°15'16"
D = 76°23'40"
T = 21.69'
L = 42.22'
R = 75.00'
PC STA = 832+51.80'FB'
Y = 589046.973
X = 57880.602
PT STA = 832+94.02'FB'
Y = 589074.777
X = 57911.634
BK = N32°00'46"E
AH = N64°16'02"E

C36
PI STA = 833+27.81'FB'
Y = 589089.449
X = 57942.075
DELTA = 9°39'29"
D = 14°19'26"
T = 33.79'
L = 67.43'
R = 400.00'
PC STA = 832+94.02'FB'
Y = 589074.777
X = 57911.634
PT STA = 833+61.44'FB'
Y = 589098.806
X = 57974.547
BK = N64°16'02"E
AH = N73°55'30"E

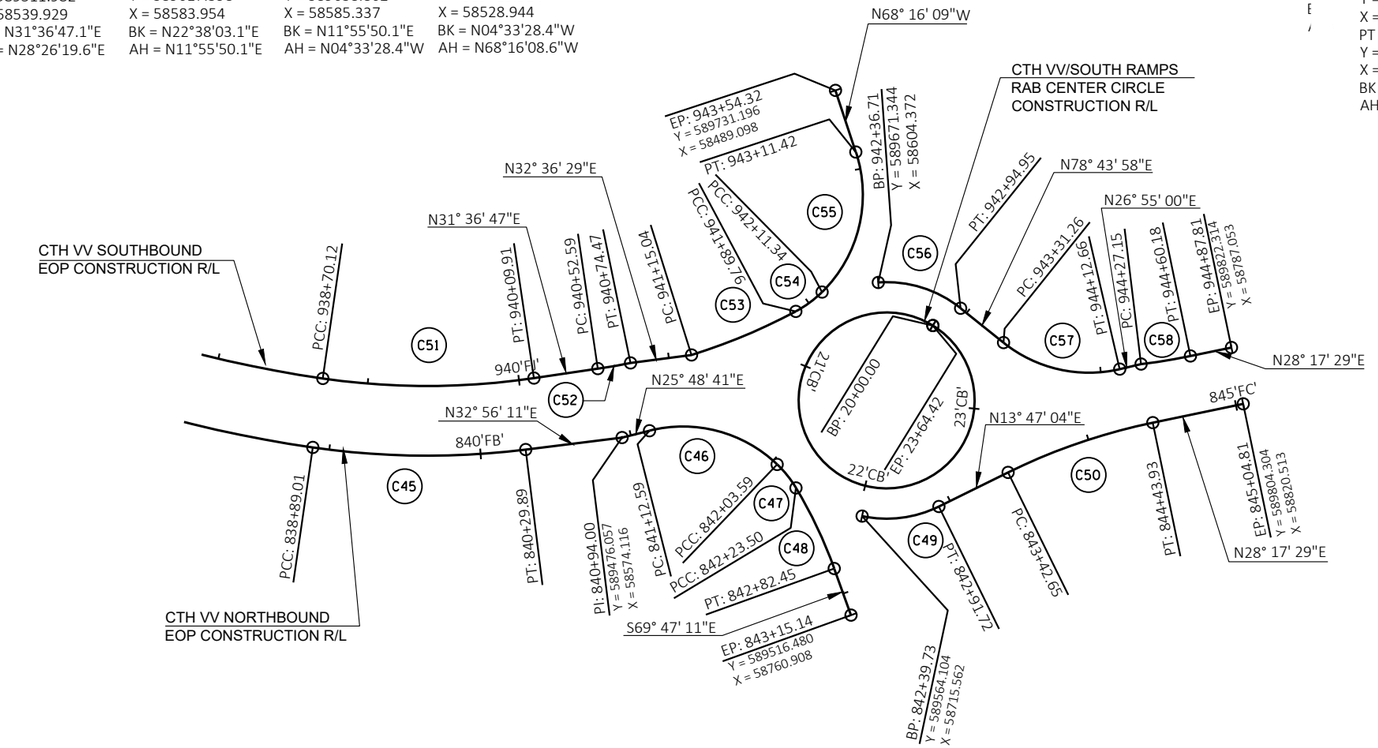
C37
PI STA = 837+06.06'FB'
Y = 589189.339
X = 58306.778
DELTA = 25°43'46"
D = 6°54'41"
T = 189.33'
L = 372.27'
R = 829.00'
PC STA = 835+16.73'FB'
Y = 589136.915
X = 58124.853
PT STA = 838+89.01'FB'
Y = 589315.543
X = 58447.908
BK = N73°55'30"E
AH = N48°11'45"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET PRE_472 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027203 AD.DWG
LAYOUT NAME - 027206 ad
PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

CURVE DATA

C51	C52	C53	C54	C55
PI STA = 939+40.51'FJ'	PI STA = 940+63.54'FJ'	PI STA = 941+52.51'FJ'	PI STA = 942+00.63'FJ'	PI STA = 942+67.27'FJ'
Y = 589396.752	Y = 589502.358	Y = 589580.736	Y = 589628.030	Y = 589694.609
X = 58469.714	X = 58534.717	X = 58576.208	X = 58586.201	X = 58580.893
DELTA = 16°34'58"	DELTA = 3°10'28"	DELTA = 10°42'13"	DELTA = 16°29'18"	DELTA = 63°42'40"
D = 11°51'45"	D = 14°30'19"	D = 14°19'26"	D = 76°23'40"	D = 63°39'43"
T = 70.39'	T = 10.94'	T = 37.47'	T = 10.87'	T = 55.92'
L = 139.79'	L = 21.88'	L = 74.73'	L = 21.58'	L = 100.08'
R = 483.00'	R = 395.00'	R = 400.00'	R = 75.00'	R = 90.00'
PC STA = 938+70.12'FJ'	PC STA = 940+52.59'FJ'	PC STA = 941+15.04'FJ'	PC STA = 941+89.76'FJ'	PC STA = 942+11.34'FJ'
Y = 589349.832	Y = 589493.037	Y = 589546.150	Y = 589617.398	Y = 589638.862
X = 58417.245	X = 58528.980	X = 58561.787	X = 58583.954	X = 58585.337
PT STA = 940+09.91'FJ'	PT STA = 940+74.47'FJ'	PT STA = 941+89.76'FJ'	PT STA = 942+11.34'FJ'	PT STA = 943+11.42'FJ'
Y = 589456.694	Y = 589511.982	Y = 589617.398	Y = 589638.862	Y = 589715.314
X = 58506.610	X = 58539.929	X = 58583.954	X = 58585.337	X = 58528.944
BK = N48°11'44.7"E	BK = N31°36'47.1"E	BK = N22°38'03.1"E	BK = N11°55'50.1"E	BK = N04°33'28.4"W
AH = N31°36'47.1"E	AH = N28°26'19.6"E	AH = N11°55'50.1"E	AH = N04°33'28.4"W	AH = N68°16'08.6"W



CURVE DATA

C56	C57	C58
PI STA = 942+67.26'FK'	PI STA = 943+74.98'FK'	PI STA = 944+43.67'FK'
Y = 589696.074	Y = 589717.680	Y = 589783.431
X = 58622.310	X = 58730.760	X = 58766.124
DELTA = 42°46'40"	DELTA = 51°48'58"	DELTA = 4°46'01"
D = 73°27'22"	D = 63°39'43"	D = 14°25'54"
T = 30.55'	T = 43.72'	T = 16.52'
L = 58.24'	L = 81.39'	L = 33.03'
R = 78.00'	R = 90.00'	R = 397.02'
PC STA = 942+36.71'FK'	PC STA = 943+31.26'FK'	PC STA = 944+27.15'FK'
Y = 589671.344	Y = 589709.138	Y = 589769.581
X = 58604.372	X = 58687.885	X = 58757.110
PT STA = 942+94.95'FK'	PT STA = 944+12.66'FK'	PT STA = 944+60.18'FK'
Y = 589702.043	Y = 589756.661	Y = 589797.982
X = 58652.271	X = 58750.550	X = 58773.956
BK = N35°57'18.1"E	BK = N78°43'57.7"E	BK = N33°03'29.9"E
AH = N78°43'57.7"E	AH = N26°55'00.0"E	AH = N28°17'29.2"E

CURVE DATA
CENTER CIRCLE REFERENCE LINE

PI STA = 20+00.00'CB'
Y = 589680.604
X = 58649.272
DELTA = 359°59'54"
D = 98°47'09"
T = 0.00'
L = 364.42'
R = 58.00'
PC STA = 20+00.00'CB'
Y = 589680.604
X = 58649.271
PT STA = 23+64.42'CB'
Y = 589680.604
X = 58649.273
BK = S71°40'13.7"W
AH = S71°40'20.0"W

CURVE DATA

C45	C46	C47	C48
PI STA = 839+59.87'FB'	PI STA = 841+62.41'FB'	PI STA = 842+13.60'FB'	PI STA = 842+53.07'FB'
Y = 589362.779	Y = 589537.640	Y = 589544.155	Y = 589537.994
X = 58500.731	X = 58603.902	X = 58663.381	X = 58702.480
DELTA = 15°15'33"	DELTA = 57°56'16"	DELTA = 15°12'20"	DELTA = 11°15'31"
D = 10°49'51"	D = 63°39'43"	D = 76°23'40"	D = 19°05'55"
T = 70.86'	T = 49.82'	T = 10.01'	T = 29.57'
L = 140.89'	L = 91.01'	L = 19.90'	L = 58.95'
R = 529.00'	R = 90.00'	R = 75.00'	R = 300.00'
PC STA = 838+89.01'FB'	PC STA = 841+12.59'FB'	PC STA = 842+03.59'FB'	PC STA = 842+23.50'FB'
Y = 589315.543	Y = 589492.787	Y = 589543.065	Y = 589542.596
X = 58447.908	X = 58582.208	X = 58653.430	X = 58673.270
PT STA = 840+29.89'FB'	PT STA = 842+03.59'FB'	PT STA = 842+23.50'FB'	PT STA = 842+82.45'FB'
Y = 589422.252	Y = 589543.065	Y = 589542.596	Y = 589527.777
X = 58539.260	X = 58653.430	X = 58673.270	X = 58730.228
BK = N48°11'45"E	BK = N25°48'41"E	BK = N83°44'58"E	BK = S81°02'42"E
AH = N32°56'11"E	AH = N83°44'58"E	AH = S81°02'42"E	AH = S69°47'11"E

CURVE DATA

C49	C50
PI STA = 842+66.73'FC'	PI STA = 843+93.56'FC'
Y = 589580.738	Y = 589705.867
X = 58736.831	X = 58767.530
DELTA = 38°11'18"	DELTA = 14°30'25"
D = 73°27'22"	D = 14°19'26"
T = 27.00'	T = 50.91'
L = 51.99'	L = 101.28'
R = 78.00'	R = 400.00'
PC STA = 842+39.73'FC'	PC STA = 843+42.65'FC'
Y = 589564.104	Y = 589656.422
X = 58715.562	X = 58755.399
PT STA = 842+91.72'FC'	PT STA = 844+43.93'FC'
Y = 589606.961	Y = 589750.696
X = 58743.265	X = 58791.659
BK = N51°58'22"E	BK = N13°47'04"E
AH = N13°47'04"E	AH = N28°17'29"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

PRE_473

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027203 AD.DWG
LAYOUT NAME - 027207 ad
PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

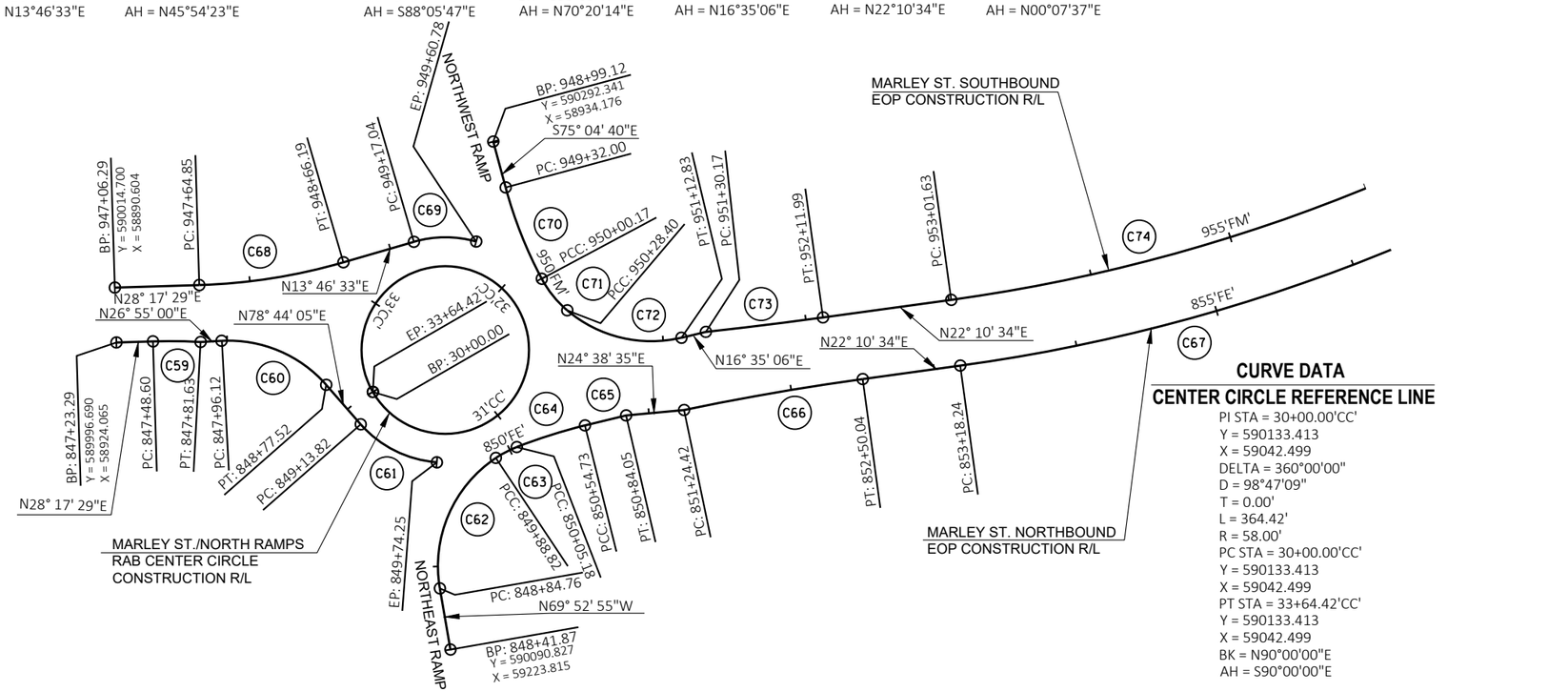
2

CURVE DATA

C68	C69
PI STA = 948+15.80'FL'	PI STA = 949+39.50'FL'
Y = 590111.122	Y = 590231.802
X = 58942.503	X = 58972.091
DELTA = 14°30'56"	DELTA = 32°07'50"
D = 14°19'26"	D = 73°27'22"
T = 50.94'	T = 22.46'
L = 101.34'	L = 43.74'
R = 400.00'	R = 78.00'
PC STA = 947+64.85'FL'	PC STA = 949+17.04'FL'
Y = 590066.266	Y = 590209.986
X = 58918.359	X = 58966.742
PT STA = 948+66.19'FL'	PT STA = 949+60.78'FL'
Y = 590160.598	Y = 590247.432
X = 58954.633	X = 58988.223
BK = N28°17'29"E	BK = N13°46'33"E
AH = N13°46'33"E	AH = N45°54'23"E

CURVE DATA

C70	C71	C72	C73	C74
PI STA = 949+66.23'FM'	PI STA = 950+14.45'FM'	PI STA = 950+74.01'FM'	PI STA = 951+71.08'FM'	PI STA = 955+32.11'FM'
Y = 590275.059	Y = 590273.448	Y = 590293.602	Y = 590391.384	Y = 590725.710
X = 58999.026	X = 59047.514	X = 59103.917	X = 59138.358	X = 59274.631
DELTA = 13°01'08"	DELTA = 21°33'59"	DELTA = 53°45'07"	DELTA = 1°33'55"	DELTA = 22°02'58"
D = 19°05'55"	D = 76°23'40"	D = 63°39'43"	D = 1°54'47"	D = 4°50'36"
T = 34.23'	T = 14.28'	T = 45.61'	T = 40.91'	T = 230.48'
L = 68.17'	L = 28.23'	L = 84.43'	L = 81.82'	L = 455.26'
R = 300.00'	R = 75.00'	R = 90.00'	R = 2995.00'	R = 1183.00'
PC STA = 949+32.00'FM'	PC STA = 950+00.17'FM'	PC STA = 950+28.40'FM'	PC STA = 951+30.17'FM'	PC STA = 953+01.63'FM'
Y = 590283.874	Y = 590273.922	Y = 590278.254	Y = 590353.935	Y = 590512.279
X = 58965.949	X = 59033.237	X = 59060.965	X = 59121.886	X = 59187.635
PT STA = 950+00.17'FM'	PT STA = 950+28.40'FM'	PT STA = 951+12.83'FM'	PT STA = 952+11.99'FM'	PT STA = 957+56.89'FM'
Y = 590273.922	Y = 590278.254	Y = 590337.317	Y = 590429.269	Y = 590956.190
X = 59033.237	X = 59060.965	X = 59116.937	X = 59153.800	X = 59275.142
BK = S75°04'40"E	BK = S88°05'47"E	BK = N70°20'14"E	BK = N23°44'29"E	BK = N22°10'34"E
AH = S88°05'47"E	AH = N70°20'14"E	AH = N16°35'06"E	AH = N22°10'34"E	AH = N00°07'37"E



CURVE DATA

CENTER CIRCLE REFERENCE LINE

PI STA = 30+00.00'CC'
Y = 590133.413
X = 59042.499
DELTA = 360°00'00"
D = 98°47'09"
T = 0.00'
L = 364.42'
R = 58.00'
PC STA = 30+00.00'CC'
Y = 590133.413
X = 59042.499
PT STA = 33+64.42'CC'
Y = 590133.413
X = 59042.499
BK = N90°00'00"E
AH = S90°00'00"E

CURVE DATA

C59	C60	C61
PI STA = 847+65.13'FD'	PI STA = 848+39.84'FD'	PI STA = 849+45.64'FD'
Y = 590033.531	Y = 590099.284	Y = 590121.133
X = 58943.895	X = 58979.260	X = 59088.948
DELTA = 4°46'01"	DELTA = 51°49'05"	DELTA = 44°23'34"
D = 14°25'56"	D = 63°39'43"	D = 73°27'22"
T = 16.52'	T = 43.72'	T = 31.83'
L = 33.03'	L = 81.40'	L = 60.43'
R = 397.00'	R = 90.00'	R = 78.00'
PC STA = 847+48.60'FD'	PC STA = 847+96.12'FD'	PC STA = 849+13.82'FD'
Y = 590018.980	Y = 590060.301	Y = 590114.915
X = 58936.063	X = 58959.468	X = 59057.736
PT STA = 847+81.63'FD'	PT STA = 848+77.52'FD'	PT STA = 849+74.25'FD'
Y = 590047.381	Y = 590107.825	Y = 590147.410
X = 58952.909	X = 59022.137	X = 59106.902
BK = N28°17'29"E	BK = N26°55'00"E	BK = N78°44'05"E
AH = N33°03'30"E	AH = N78°44'05"E	AH = N34°20'31"E

CURVE DATA

C62	C63	C64	C65	C66	C67
PI STA = 849+43.48'FE'	PI STA = 849+97.03'FE'	PI STA = 850+29.99'FE'	PI STA = 850+69.39'FE'	PI STA = 851+87.25'FE'	PI STA = 855+55.49'FE'
Y = 590125.776	Y = 590192.571	Y = 590225.198	Y = 590263.148	Y = 590373.569	Y = 590714.617
X = 59128.404	X = 59124.154	X = 59129.239	X = 59140.089	X = 59180.771	X = 59319.784
DELTA = 66°14'27"	DELTA = 12°29'59"	DELTA = 7°05'52"	DELTA = 0°56'00"	DELTA = 4°00'35"	DELTA = 21°51'09"
D = 63°39'43"	D = 76°23'40"	D = 14°19'26"	D = 3°10'59"	D = 3°11'31"	D = 4°39'43"
T = 58.72'	T = 8.21'	T = 24.81'	T = 14.66'	T = 62.83'	T = 237.25'
L = 104.05'	L = 16.36'	L = 49.55'	L = 29.32'	L = 125.62'	L = 468.74'
R = 90.00'	R = 75.00'	R = 400.00'	R = 1800.00'	R = 1795.00'	R = 1229.00'
PC STA = 848+84.76'FE'	PC STA = 849+88.82'FE'	PC STA = 850+05.18'FE'	PC STA = 850+54.73'FE'	PC STA = 851+24.42'FE'	PC STA = 853+18.24'FE'
Y = 590105.580	Y = 590184.374	Y = 590200.686	Y = 590249.050	Y = 590313.868	Y = 590494.916
X = 59183.538	X = 59124.675	X = 59125.418	X = 59136.058	X = 59161.180	X = 59230.233
PT STA = 849+88.82'FE'	PT STA = 850+05.18'FE'	PT STA = 850+54.73'FE'	PT STA = 850+84.05'FE'	PT STA = 852+50.04'FE'	PT STA = 857+86.98'FE'
Y = 590184.374	Y = 590200.686	Y = 590249.050	Y = 590277.178	Y = 590431.754	Y = 590951.865
X = 59124.675	X = 59125.418	X = 59136.058	X = 59144.349	X = 59204.487	X = 59321.125
BK = N69°52'55"W	BK = N03°38'28"W	BK = N08°51'31"E	BK = N15°57'23"E	BK = N18°10'00"E	BK = N22°10'34"E
AH = N03°38'28"W	AH = N08°51'31"E	AH = N15°57'23"E	AH = N16°53'23"E	AH = N22°10'34"E	AH = N00°19'25"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET PRE_474 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027203 AD.DWG
LAYOUT NAME - 027208 ad
PLOT DATE : 1/22/2020 9:10 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

CURVE DATA

C85	C86	C87	C88
PI STA = 957+94.13'FM'	PI STA = 959+06.02'FM'	PI STA = 959+64.85'FM'	PI STA = 960+13.25'FM'
Y = 590993.436	Y = 591105.095	Y = 591162.345	Y = 591194.259
X = 59275.224	X = 59270.646	X = 59256.544	X = 59217.960
DELTA = 4°17'15"	DELTA = 8°29'41"	DELTA = 36°27'10"	DELTA = 31°29'26"
D = 5°45'30"	D = 12°25'07"	D = 76°23'40"	D = 63°39'43"
T = 37.25'	T = 34.26'	T = 24.70'	T = 25.37'
L = 74.46'	L = 68.40'	L = 47.72'	L = 49.47'
R = 995.00'	R = 461.37'	R = 75.00'	R = 90.00'
PC STA = 957+56.89'FM'	PC STA = 958+71.75'FM'	PC STA = 959+40.16'FM'	PC STA = 959+87.87'FM'
Y = 590956.190	Y = 591070.974	Y = 591138.377	Y = 591178.086
X = 59275.142	X = 59273.787	X = 59262.499	X = 59237.513
PT STA = 958+31.34'FM'	PT STA = 959+40.16'FM'	PT STA = 959+87.87'FM'	PT STA = 960+37.34'FM'
Y = 591030.583	Y = 591138.377	Y = 591178.086	Y = 591197.836
X = 59272.522	X = 59262.499	X = 59237.513	X = 59192.839
BK = N00°07'37"E	BK = N05°15'34"W	BK = N13°57'08"W	BK = N50°24'18"W
AH = N04°09'38"W	AH = N13°45'16"W	AH = N50°24'18"W	AH = N81°53'44"W

CURVE DATA

CENTER CIRCLE REFERENCE LINE

PI STA = 40+00.00'CD'
Y = 591162.176
X = 59380.813
DELTA = 359°59'40"
D = 98°47'09"
T = 0.00'
L = 364.42'
R = 58.00'
PC STA = 40+00.00'CD'
Y = 591162.178
X = 59380.815
PT STA = 43+64.42'CD'
Y = 591162.173
X = 59380.812
BK = N30°31'32"E
AH = N30°31'53"E

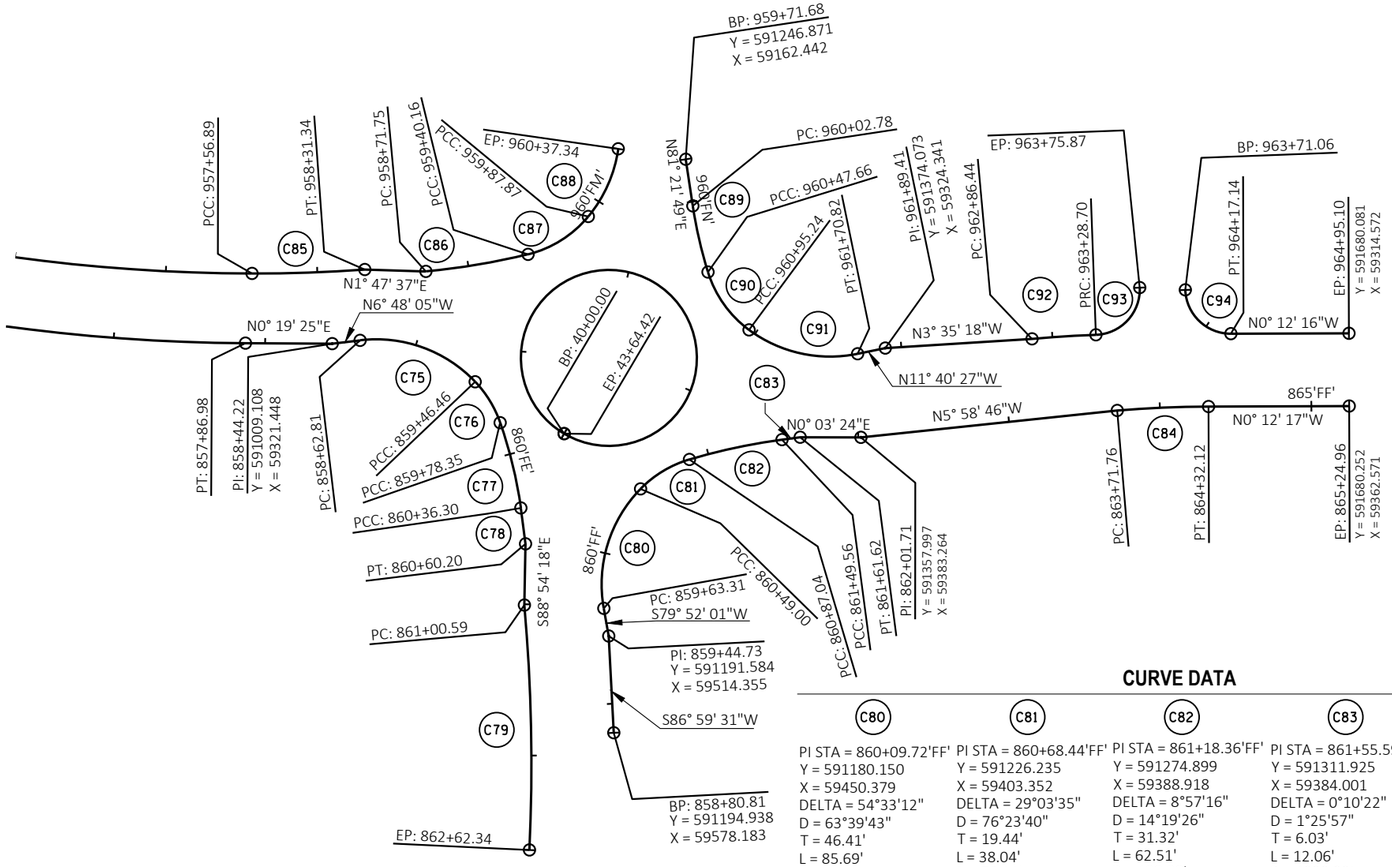
N

CURVE DATA

C89	C90	C91	C92	C93
PI STA = 960+25.26'FN'	PI STA = 960+72.28'FN'	PI STA = 961+35.42'FN'	PI STA = 963+07.58'FN'	PI STA = 963+58.75'FN'
Y = 591250.459	Y = 591264.394	Y = 591316.527	Y = 591491.969	Y = 591543.116
X = 59252.744	X = 59297.741	X = 59336.232	X = 59316.358	X = 59314.495
DELTA = 8°34'15"	DELTA = 36°21'12"	DELTA = 48°06'50"	DELTA = 3°06'02"	DELTA = 90°05'06"
D = 19°05'55"	D = 76°23'40"	D = 63°39'43"	D = 7°20'10"	D = 190°59'09"
T = 22.48'	T = 24.62'	T = 40.18'	T = 21.14'	T = 30.04'
L = 44.88'	L = 47.59'	L = 75.58'	L = 42.26'	L = 47.17'
R = 300.00'	R = 75.00'	R = 90.00'	R = 781.00'	R = 30.00'
PC STA = 960+02.78'FN'	PC STA = 960+47.66'FN'	PC STA = 960+95.24'FN'	PC STA = 962+86.44'FN'	PC STA = 963+28.70'FN'
Y = 591247.084	Y = 591257.109	Y = 591284.205	Y = 591470.919	Y = 591513.091
X = 59230.518	X = 59274.218	X = 59312.367	X = 59318.268	X = 59315.589
PT STA = 960+47.66'FN'	PT STA = 960+95.24'FN'	PT STA = 961+70.82'FN'	PT STA = 963+28.70'FN'	PT STA = 963+75.87'FN'
Y = 591257.109	Y = 591284.205	Y = 591355.874	Y = 591513.091	Y = 591541.978
X = 59274.218	X = 59312.367	X = 59328.102	X = 59315.589	X = 59284.472
BK = N81°21'49"E	BK = N72°47'34"E	BK = N36°26'22"E	BK = N05°11'09"W	BK = N02°05'08"W
AH = N72°47'34"E	AH = N36°26'22"E	AH = N11°40'28"W	AH = N02°05'08"W	AH = S87°49'46"W

CURVE DATA

C94
PI STA = 964+00.03'FO'
Y = 591573.154
X = 59314.935
DELTA = 87°59'53"
D = 190°59'08"
T = 28.97'
L = 46.08'
R = 30.00'
PC STA = 963+71.06'FO'
Y = 591572.057
X = 59285.986
PT STA = 964+17.14'FO'
Y = 591602.124
X = 59314.850
BK = N87°49'46"E
AH = N00°10'07"W



CURVE DATA

C75	C76
PI STA = 859+07.93'FE'	PI STA = 859+62.65'FE'
Y = 591072.365	Y = 591114.607
X = 59313.904	X = 59358.344
DELTA = 53°15'13"	DELTA = 24°21'57"
D = 63°39'43"	D = 76°23'40"
T = 45.12'	T = 16.19'
L = 83.65'	L = 31.89'
R = 90.00'	R = 75.00'
PC STA = 858+62.81'FE'	PC STA = 859+46.46'FE'
Y = 591027.561	Y = 591103.452
X = 59319.248	X = 59346.608
PT STA = 859+46.46'FE'	PT STA = 859+78.35'FE'
Y = 591103.452	Y = 591119.928
X = 59346.608	X = 59373.637
BK = N06°48'05"W	BK = N46°27'08"E
AH = N46°27'08"E	AH = N70°49'05"E

C77	C78	C79
PI STA = 860+07.42'FE'	PI STA = 860+48.25'FE'	PI STA = 861+81.59'FE'
Y = 591129.478	Y = 591135.266	Y = 591143.082
X = 59401.090	X = 59441.692	X = 59574.619
DELTA = 11°04'05"	DELTA = 1°08'27"	DELTA = 7°45'19"
D = 19°05'55"	D = 4°46'29"	D = 4°47'41"
T = 29.07'	T = 11.95'	T = 81.00'
L = 57.95'	L = 23.89'	L = 161.75'
R = 300.00'	R = 1200.00'	R = 1195.00'
PC STA = 859+78.35'FE'	PC STA = 860+36.30'FE'	PC STA = 861+00.59'FE'
Y = 591119.928	Y = 591133.580	Y = 591135.945
X = 59373.637	X = 59429.865	X = 59493.937
PT STA = 860+36.30'FE'	PT STA = 860+60.20'FE'	PT STA = 862+62.34'FE'
Y = 591133.580	Y = 591136.717	Y = 591139.267
X = 59429.865	X = 59453.550	X = 59655.526
BK = N70°49'05"E	BK = N81°53'10"E	BK = N84°56'41"E
AH = N81°53'10"E	AH = N83°01'36"E	AH = S87°18'00"E

CURVE DATA

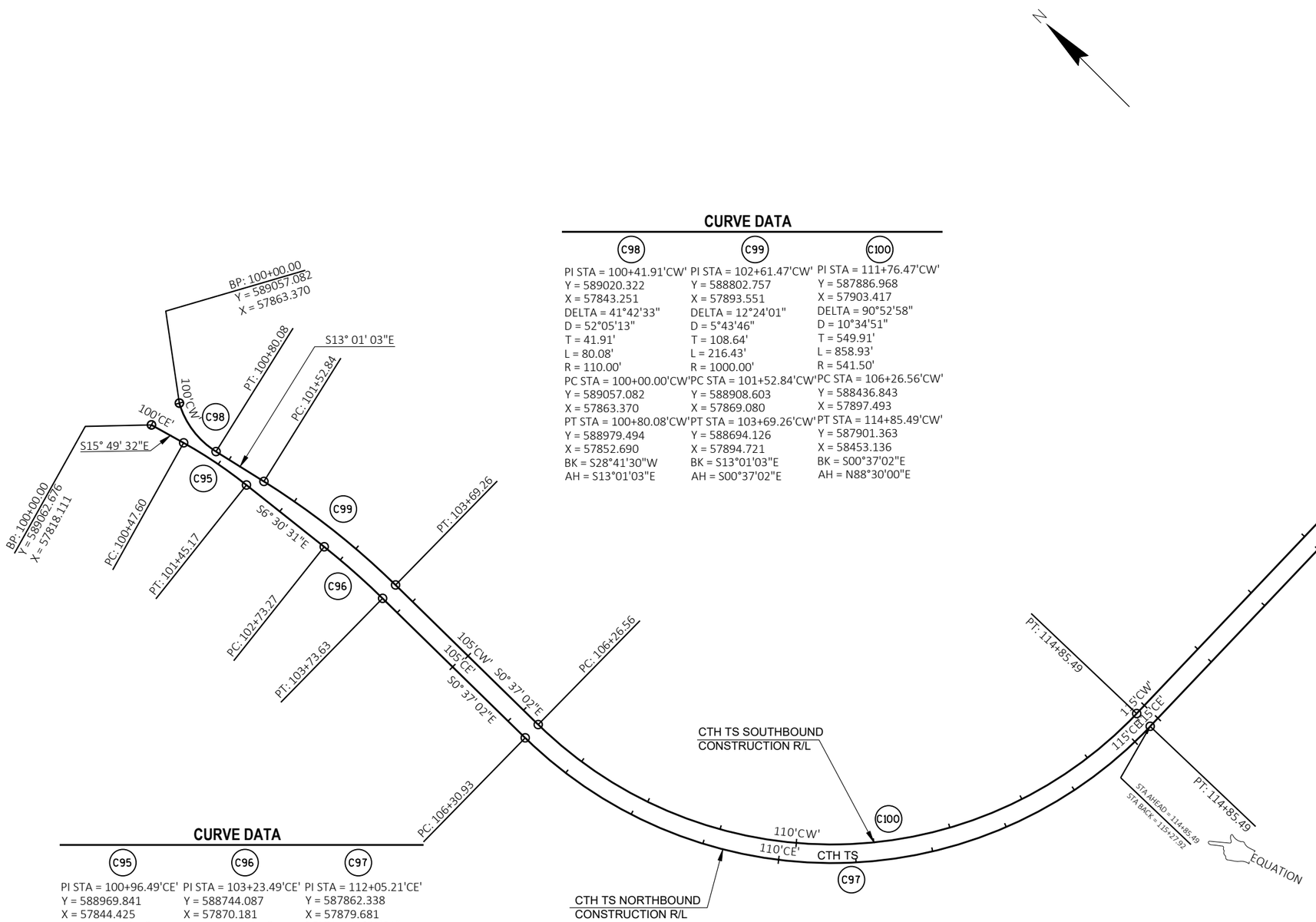
C80	C81	C82	C83	C84
PI STA = 860+09.72'FF'	PI STA = 860+68.44'FF'	PI STA = 861+18.36'FF'	PI STA = 861+55.59'FF'	PI STA = 864+01.96'FF'
Y = 591180.150	Y = 591226.235	Y = 591274.899	Y = 591311.925	Y = 591557.217
X = 59450.379	X = 59403.352	X = 59388.918	X = 59384.001	X = 59363.011
DELTA = 54°33'12"	DELTA = 29°03'35"	DELTA = 8°57'16"	DELTA = 0°10'22"	DELTA = 4°37'02"
D = 63°39'43"	D = 76°23'40"	D = 14°19'26"	D = 1°25'57"	D = 7°38'59"
T = 46.41'	T = 19.44'	T = 31.32'	T = 6.03'	T = 30.20'
L = 85.69'	L = 38.04'	L = 62.51'	L = 12.06'	L = 60.36'
R = 90.00'	R = 75.00'	R = 400.00'	R = 4000.00'	R = 749.00'
PC STA = 859+63.31'FF'	PC STA = 860+49.00'FF'	PC STA = 860+87.04'FF'	PC STA = 861+49.56'FF'	PC STA = 863+71.76'FF'
Y = 591188.314	Y = 591212.630	Y = 591244.871	Y = 591305.946	Y = 591527.128
X = 59496.061	X = 59417.235	X = 59397.824	X = 59384.795	X = 59365.549
PT STA = 860+49.00'FF'	PT STA = 860+87.04'FF'	PT STA = 861+49.56'FF'	PT STA = 861+61.62'FF'	PT STA = 864+32.12'FF'
Y = 591212.630	Y = 591244.871	Y = 591305.946	Y = 591317.906	Y = 591587.412
X = 59417.235	X = 59397.824	X = 59384.795	X = 59383.225	X = 59362.903
BK = S79°52'01"W	BK = N45°34'47"W	BK = N16°31'12"W	BK = N07°33'56"W	BK = N04°49'19"W
AH = N45°34'47"W	AH = N16°31'12"W	AH = N07°33'56"W	AH = N07°23'34"W	AH = N00°12'17"W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027203 AD.DWG
LAYOUT NAME - 027209 ad
PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_475

2



CURVE DATA

C98	C99	C100
PI STA = 100+41.91'CW'	PI STA = 102+61.47'CW'	PI STA = 111+76.47'CW'
Y = 589020.322	Y = 588802.757	Y = 587886.968
X = 57843.251	X = 57893.551	X = 57903.417
DELTA = 41°42'33"	DELTA = 12°24'01"	DELTA = 90°52'58"
D = 52°05'13"	D = 5°43'46"	D = 10°34'51"
T = 41.91'	T = 108.64'	T = 549.91'
L = 80.08'	L = 216.43'	L = 858.93'
R = 110.00'	R = 1000.00'	R = 541.50'
PC STA = 100+00.00'CW'	PC STA = 101+52.84'CW'	PC STA = 106+26.56'CW'
Y = 589057.082	Y = 588908.603	Y = 588436.843
X = 57863.370	X = 57869.080	X = 57897.493
PT STA = 100+80.08'CW'	PT STA = 103+69.26'CW'	PT STA = 114+85.49'CW'
Y = 588979.494	Y = 588694.126	Y = 587901.363
X = 57852.690	X = 57894.721	X = 58453.136
BK = S28°41'30"W	BK = S13°01'03"E	BK = S00°37'02"E
AH = S13°01'03"E	AH = S00°37'02"E	AH = N88°30'00"E

CURVE DATA

C95	C96	C97
PI STA = 100+96.49'CE'	PI STA = 103+23.49'CE'	PI STA = 112+05.21'CE'
Y = 588969.841	Y = 588744.087	Y = 587862.338
X = 57844.425	X = 57870.181	X = 57879.681
DELTA = 9°19'01"	DELTA = 5°53'29"	DELTA = 90°52'58"
D = 9°32'57"	D = 5°52'14"	D = 10°07'55"
T = 48.89'	T = 50.22'	T = 574.28'
L = 97.57'	L = 100.36'	L = 897.00'
R = 600.00'	R = 976.00'	R = 565.50'
PC STA = 100+47.60'CE'	PC STA = 102+73.27'CE'	PC STA = 106+30.93'CE'
Y = 589016.878	Y = 588793.986	Y = 588436.585
X = 57831.092	X = 57864.488	X = 57873.494
PT STA = 101+45.17'CE'	PT STA = 103+73.63'CE'	PT STA = 114+85.49'CE'
Y = 588921.265	Y = 588693.867	Y = 587877.371
X = 57849.967	X = 57870.722	X = 58453.765
BK = S15°49'32"E	BK = S06°30'31"E	BK = S00°37'02"E
AH = S06°30'31"E	AH = S00°37'02"E	AH = N88°30'00"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

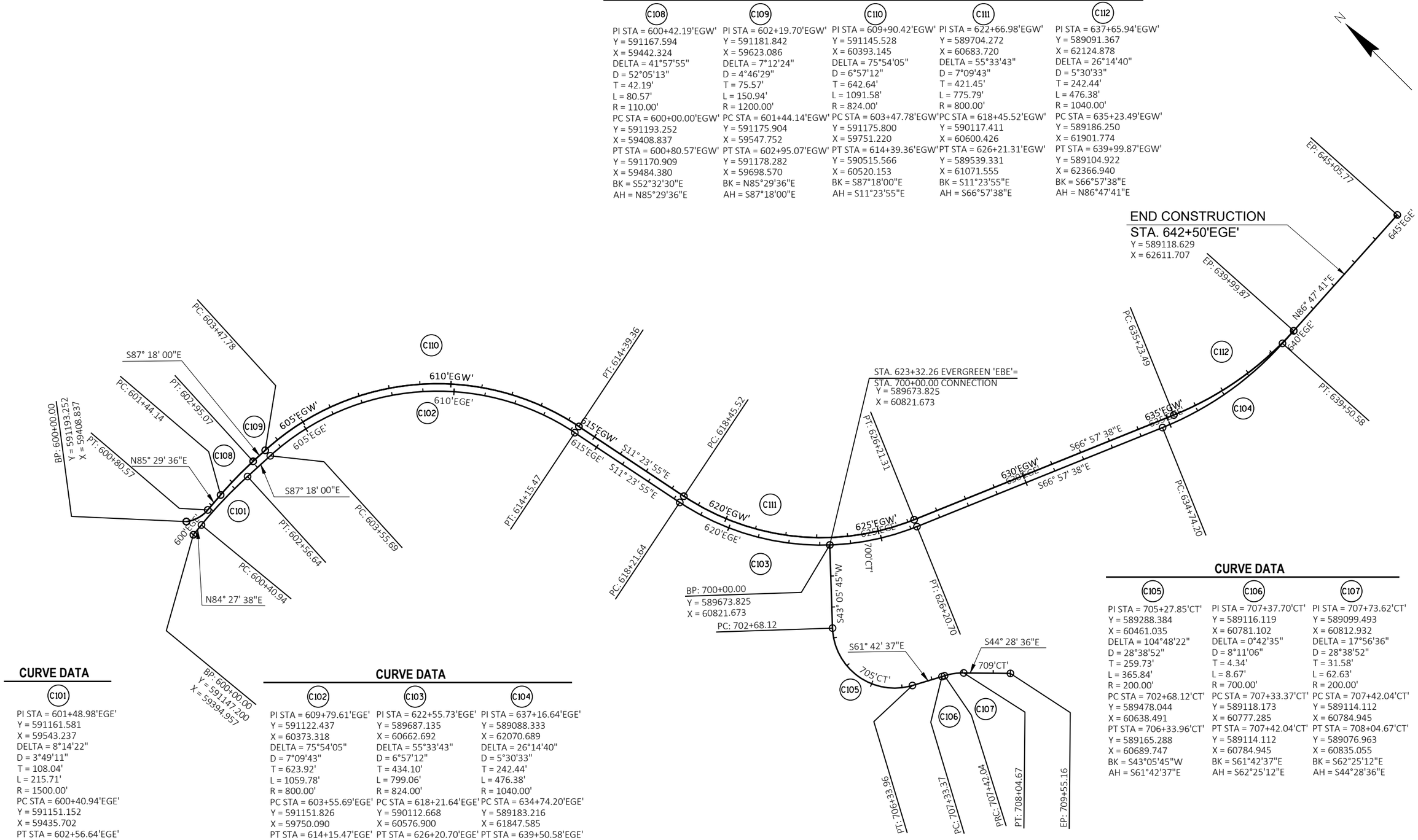
PRE_476

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027204 AD.DWG
LAYOUT NAME - 027210 ad
PLOT DATE : 1/22/2020 9:10 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1:150
WISDOT/CADDS SHEET 42

2

CURVE DATA

C108	C109	C110	C111	C112
PI STA = 600+42.19'EGW'	PI STA = 602+19.70'EGW'	PI STA = 609+90.42'EGW'	PI STA = 622+66.98'EGW'	PI STA = 637+65.94'EGW'
Y = 591167.594	Y = 591181.842	Y = 591145.528	Y = 589704.272	Y = 589091.367
X = 59442.324	X = 59623.086	X = 60393.145	X = 60683.720	X = 62124.878
DELTA = 41°57'55"	DELTA = 7°12'24"	DELTA = 75°54'05"	DELTA = 55°33'43"	DELTA = 26°14'40"
D = 52°05'13"	D = 4°46'29"	D = 6°57'12"	D = 7°09'43"	D = 5°30'33"
T = 42.19'	T = 75.57'	T = 642.64'	T = 421.45'	T = 242.44'
L = 80.57'	L = 150.94'	L = 1091.58'	L = 775.79'	L = 476.38'
R = 110.00'	R = 1200.00'	R = 824.00'	R = 800.00'	R = 1040.00'
PC STA = 600+00.00'EGW'	PC STA = 601+44.14'EGW'	PC STA = 603+47.78'EGW'	PC STA = 618+45.52'EGW'	PC STA = 635+23.49'EGW'
Y = 591193.252	Y = 591175.904	Y = 591175.800	Y = 590117.411	Y = 589186.250
X = 59408.837	X = 59547.752	X = 59751.220	X = 60600.426	X = 61901.774
PT STA = 600+80.57'EGW'	PT STA = 602+95.07'EGW'	PT STA = 614+39.36'EGW'	PT STA = 626+21.31'EGW'	PT STA = 639+99.87'EGW'
Y = 591170.909	Y = 591178.282	Y = 590515.566	Y = 589539.331	Y = 589104.922
X = 59484.380	X = 59698.570	X = 60520.153	X = 61071.555	X = 62366.940
BK = S52°32'30"E	BK = N85°29'36"E	BK = S87°18'00"E	BK = S11°23'55"E	BK = S66°57'38"E
AH = N85°29'36"E	AH = S87°18'00"E	AH = S11°23'55"E	AH = S66°57'38"E	AH = N86°47'41"E



CURVE DATA

C101
PI STA = 601+48.98'EGE'
Y = 591161.581
X = 59543.237
DELTA = 8°14'22"
D = 3°49'11"
T = 108.04'
L = 215.71'
R = 1500.00'
PC STA = 600+40.94'EGE'
Y = 591151.152
X = 59435.702
PT STA = 602+56.64'EGE'
Y = 591156.492
X = 59651.156
BK = N84°27'38"E
AH = S87°18'00"E

CURVE DATA

C102	C103	C104
PI STA = 609+79.61'EGE'	PI STA = 622+55.73'EGE'	PI STA = 637+16.64'EGE'
Y = 591122.437	Y = 589687.135	Y = 589088.333
X = 60373.318	X = 60662.692	X = 62070.689
DELTA = 75°54'05"	DELTA = 55°33'43"	DELTA = 26°14'40"
D = 7°09'43"	D = 6°57'12"	D = 5°30'33"
T = 623.92'	T = 434.10'	T = 242.44'
L = 1059.78'	L = 799.06'	L = 476.38'
R = 800.00'	R = 824.00'	R = 1040.00'
PC STA = 603+55.69'EGE'	PC STA = 618+21.64'EGE'	PC STA = 634+74.20'EGE'
Y = 591151.826	Y = 590112.668	Y = 589183.216
X = 59750.090	X = 60576.900	X = 61847.585
PT STA = 614+15.47'EGE'	PT STA = 626+20.70'EGE'	PT STA = 639+50.58'EGE'
Y = 590510.823	Y = 589517.246	Y = 589101.888
X = 60496.627	X = 61062.162	X = 62312.752
BK = S87°18'00"E	BK = S11°23'55"E	BK = S66°57'38"E
AH = S11°23'55"E	AH = S66°57'38"E	AH = N86°47'41"E

CURVE DATA

C105	C106	C107
PI STA = 705+27.85'CT'	PI STA = 707+37.70'CT'	PI STA = 707+73.62'CT'
Y = 589288.384	Y = 589116.119	Y = 589099.493
X = 60461.035	X = 60781.102	X = 60812.932
DELTA = 104°48'22"	DELTA = 0°42'35"	DELTA = 17°56'36"
D = 28°38'52"	D = 8°11'06"	D = 28°38'52"
T = 259.73'	T = 4.34'	T = 31.58'
L = 365.84'	L = 8.67'	L = 62.63'
R = 200.00'	R = 700.00'	R = 200.00'
PC STA = 702+68.12'CT'	PC STA = 707+33.37'CT'	PC STA = 707+42.04'CT'
Y = 589478.044	Y = 589118.173	Y = 589114.112
X = 60638.491	X = 60777.285	X = 60784.945
PT STA = 706+33.96'CT'	PT STA = 707+42.04'CT'	PT STA = 708+04.67'CT'
Y = 589165.288	Y = 589114.112	Y = 589076.963
X = 60689.747	X = 60784.945	X = 60835.055
BK = S43°05'45"W	BK = S61°42'37"E	BK = S62°25'12"E
AH = S61°42'37"E	AH = S62°25'12"E	AH = S44°28'36"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET PRE_477 E

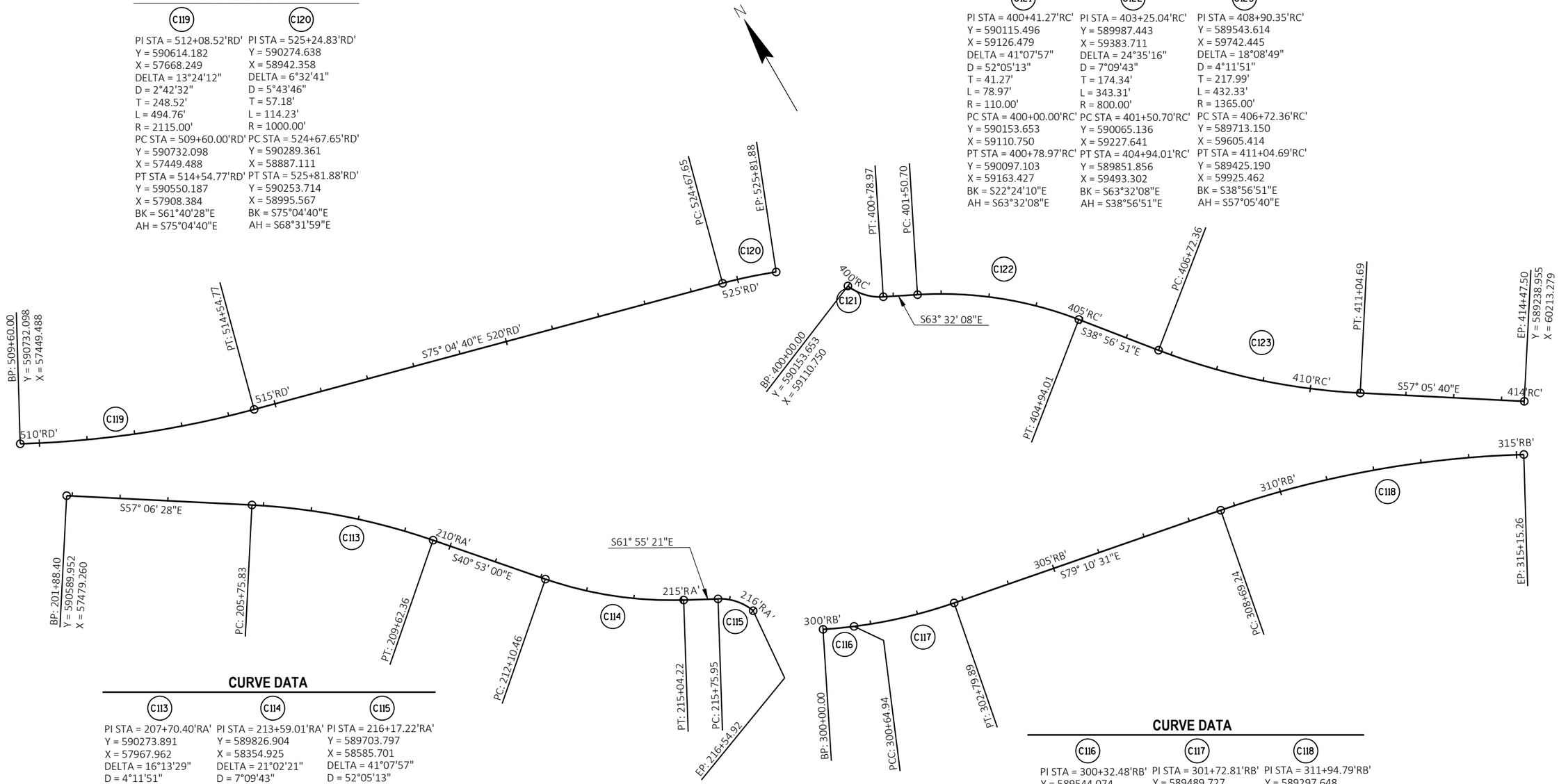
2

CURVE DATA

C119	C120
PI STA = 512+08.52'RD'	PI STA = 525+24.83'RD'
Y = 590614.182	Y = 590274.638
X = 57668.249	X = 58942.358
DELTA = 13°24'12"	DELTA = 6°32'41"
D = 2°42'32"	D = 5°43'46"
T = 248.52'	T = 57.18'
L = 494.76'	L = 114.23'
R = 2115.00'	R = 1000.00'
PC STA = 509+60.00'RD'	PC STA = 524+67.65'RD'
Y = 590732.098	Y = 590289.361
X = 57449.488	X = 58887.111
PT STA = 514+54.77'RD'	PT STA = 525+81.88'RD'
Y = 590550.187	Y = 590253.714
X = 57908.384	X = 58995.567
BK = S61°40'28"E	BK = S75°04'40"E
AH = S75°04'40"E	AH = S68°31'59"E

CURVE DATA

C121	C122	C123
PI STA = 400+41.27'RC'	PI STA = 403+25.04'RC'	PI STA = 408+90.35'RC'
Y = 590115.496	Y = 589987.443	Y = 589543.614
X = 59126.479	X = 59383.711	X = 59742.445
DELTA = 41°07'57"	DELTA = 24°35'16"	DELTA = 18°08'49"
D = 52°05'13"	D = 7°09'43"	D = 4°11'51"
T = 41.27'	T = 174.34'	T = 217.99'
L = 78.97'	L = 343.31'	L = 432.33'
R = 110.00'	R = 800.00'	R = 1365.00'
PC STA = 400+00.00'RC'	PC STA = 401+50.70'RC'	PC STA = 406+72.36'RC'
Y = 590153.653	Y = 590065.136	Y = 589713.150
X = 59110.750	X = 59227.641	X = 59605.414
PT STA = 400+78.97'RC'	PT STA = 404+94.01'RC'	PT STA = 411+04.69'RC'
Y = 590097.103	Y = 589851.856	Y = 589425.190
X = 59163.427	X = 59493.302	X = 59925.462
BK = S22°24'10"E	BK = S63°32'08"E	BK = S38°56'51"E
AH = S63°32'08"E	AH = S38°56'51"E	AH = S57°05'40"E



CURVE DATA

C113	C114	C115
PI STA = 207+70.40'RA'	PI STA = 213+59.01'RA'	PI STA = 216+17.22'RA'
Y = 590273.891	Y = 589826.904	Y = 589703.797
X = 57967.962	X = 58354.925	X = 58585.701
DELTA = 16°13'29"	DELTA = 21°02'21"	DELTA = 41°07'57"
D = 4°11'51"	D = 7°09'43"	D = 52°05'13"
T = 194.57'	T = 148.55'	T = 41.27'
L = 386.53'	L = 293.76'	L = 78.97'
R = 1365.00'	R = 800.00'	R = 110.00'
PC STA = 205+75.83'RA'	PC STA = 212+10.46'RA'	PC STA = 215+75.95'RA'
Y = 590379.553	Y = 589939.218	Y = 589723.223
X = 57804.585	X = 58257.693	X = 58549.286
PT STA = 209+62.36'RA'	PT STA = 215+04.22'RA'	PT STA = 216+54.92'RA'
Y = 590126.789	Y = 589756.984	Y = 589665.212
X = 58095.310	X = 58485.997	X = 58600.350
BK = S57°06'28"E	BK = S40°53'00"E	BK = S61°55'21"E
AH = S40°53'00"E	AH = S61°55'21"E	AH = S20°47'24"E

CURVE DATA

C116	C117	C118
PI STA = 300+32.48'RB'	PI STA = 301+72.81'RB'	PI STA = 311+94.79'RB'
Y = 589544.074	Y = 589489.727	Y = 589297.648
X = 58736.485	X = 58865.884	X = 59870.449
DELTA = 3°36'44"	DELTA = 11°57'27"	DELTA = 17°30'03"
D = 5°33'46"	D = 5°33'46"	D = 2°42'32"
T = 32.48'	T = 107.87'	T = 325.55'
L = 64.94'	L = 214.96'	L = 646.02'
R = 1030.00'	R = 1030.00'	R = 2115.00'
PC STA = 300+00.00'RB'	PC STA = 300+64.94'RB'	PC STA = 308+69.24'RB'
Y = 589558.512	Y = 589531.497	Y = 589358.787
X = 58707.391	X = 58766.430	X = 59550.696
PT STA = 300+64.94'RB'	PT STA = 302+79.89'RB'	PT STA = 315+15.26'RB'
Y = 589531.497	Y = 589469.469	Y = 589143.183
X = 58766.430	X = 58971.835	X = 60157.016
BK = S63°36'21"E	BK = S67°13'05"E	BK = S79°10'31"E
AH = S67°13'05"E	AH = S79°10'31"E	AH = S61°40'28"E

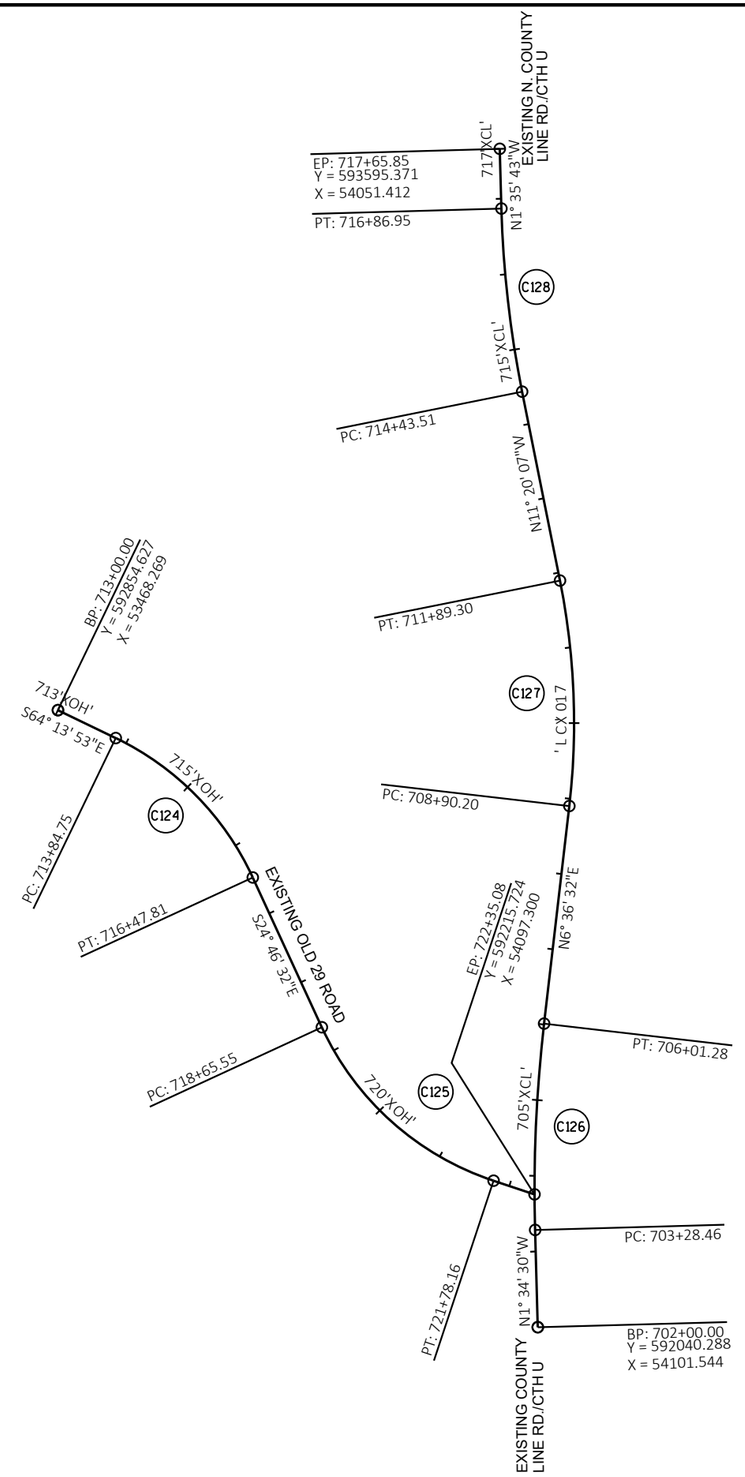
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM	SHEET E

PRE_478

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027205 AD.DWG
LAYOUT NAME - 027212 ad

PLOT DATE : 1/22/2020 9:10 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1:220

2



CURVE DATA

C124

PI STA = 715+21.73'XOH'
Y = 592758.231
X = 53667.954
DELTA = 39°27'21"
D = 14°59'56"
T = 136.99'
L = 263.06'
R = 382.00'
PC STA = 713+84.75'XOH'
Y = 592817.783
X = 53544.590
PT STA = 716+47.81'XOH'
Y = 592633.853
X = 53725.360
BK = S64°13'53"E
AH = S24°46'32"E

C125

PI STA = 720+31.21'XOH'
Y = 592285.742
X = 53886.030
DELTA = 46°53'19"
D = 14°59'56"
T = 165.66'
L = 312.61'
R = 382.00'
PC STA = 718+65.55'XOH'
Y = 592436.151
X = 53816.609
PT STA = 721+78.16'XOH'
Y = 592233.628
X = 54043.276
BK = S24°46'32"E
AH = S71°39'51"E

CURVE DATA

C126

PI STA = 704+65.10'XCL'
Y = 592305.292
X = 54094.258
DELTA = 8°11'02"
D = 2°59'59"
T = 136.64'
L = 272.82'
R = 1910.00'
PC STA = 703+28.46'XCL'
Y = 592168.703
X = 54098.013
PT STA = 706+01.28'XCL'
Y = 592441.024
X = 54109.984
BK = N01°34'30"W
AH = N06°36'32"E

C127

PI STA = 710+40.98'XCL'
Y = 592877.807
X = 54160.590
DELTA = 17°56'39"
D = 5°59'58"
T = 150.78'
L = 299.09'
R = 955.00'
PC STA = 708+90.20'XCL'
Y = 592728.029
X = 54143.236
PT STA = 711+89.30'XCL'
Y = 593025.646
X = 54130.954
BK = N06°36'32"E
AH = N11°20'07"W

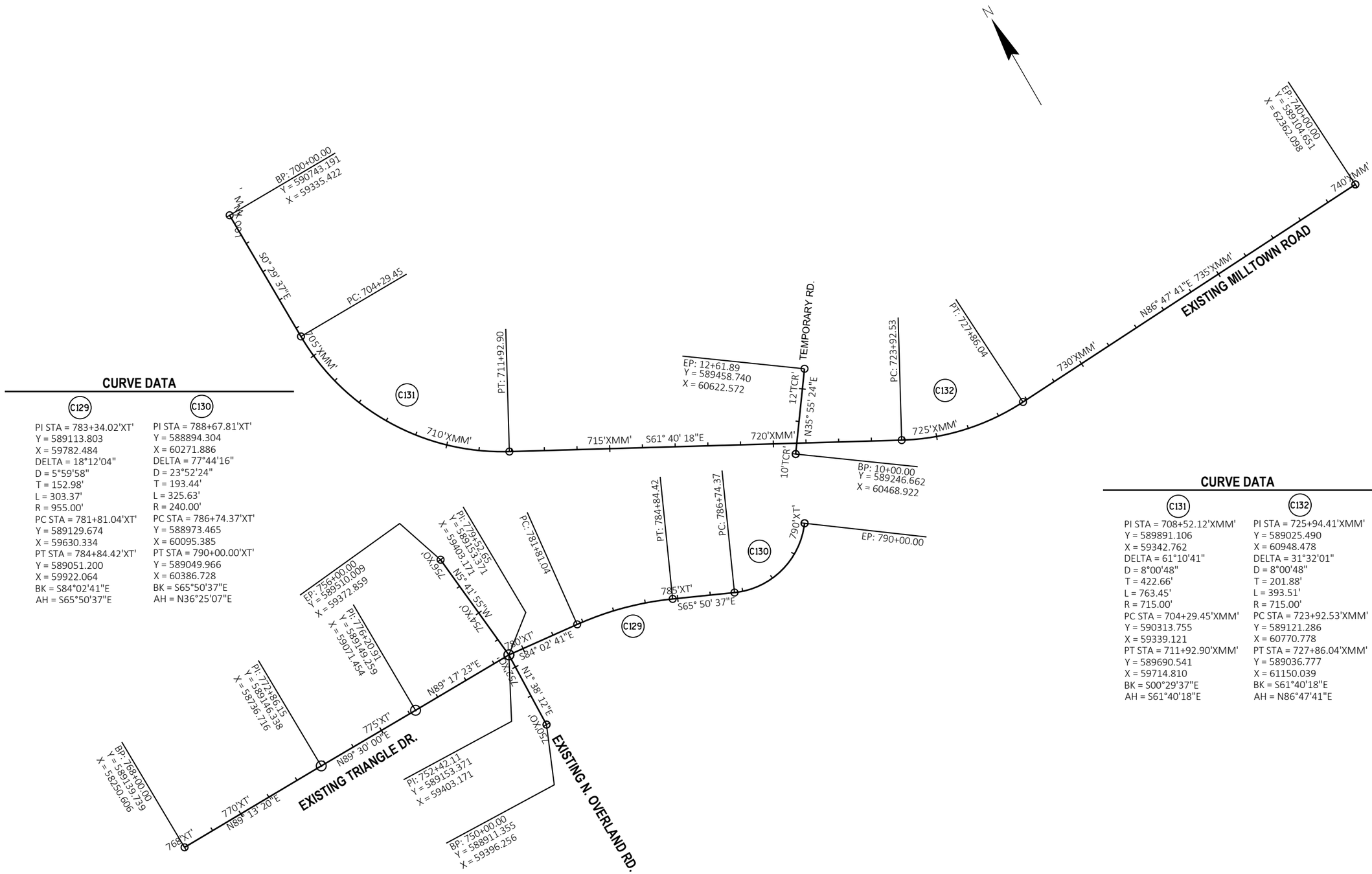
C128

PI STA = 715+65.52'XCL'
Y = 593394.537
X = 54057.006
DELTA = 9°44'24"
D = 4°00'04"
T = 122.01'
L = 243.43'
R = 1432.00'
PC STA = 714+43.51'XCL'
Y = 593274.907
X = 54080.987
PT STA = 716+86.95'XCL'
Y = 593516.500
X = 54053.609
BK = N11°20'07"W
AH = N01°35'43"W

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM-EXISTING ROADWAY CENTERLINE	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027206 AD.DWG
LAYOUT NAME - 027212 ad
PLOT DATE : 1/22/2020 9:11 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2



CURVE DATA

C129

PI STA = 783+34.02'XT'
Y = 589113.803
X = 59782.484
DELTA = 18°12'04"
D = 5°59'58"
T = 152.98'
L = 303.37'
R = 955.00'
PC STA = 781+81.04'XT'
Y = 589129.674
X = 59630.334
PT STA = 784+84.42'XT'
Y = 589051.200
X = 59922.064
BK = S84°02'41"E
AH = S65°50'37"E

C130

PI STA = 788+67.81'XT'
Y = 588894.304
X = 60271.886
DELTA = 77°44'16"
D = 23°52'24"
T = 193.44'
L = 325.63'
R = 240.00'
PC STA = 786+74.37'XT'
Y = 589049.966
X = 60386.728
BK = S65°50'37"E
AH = N36°25'07"E

CURVE DATA

C131

PI STA = 708+52.12'XMM'
Y = 589891.106
X = 59342.762
DELTA = 61°10'41"
D = 8°00'48"
T = 422.66'
L = 763.45'
R = 715.00'
PC STA = 704+29.45'XMM'
Y = 590313.755
X = 59339.121
PT STA = 711+92.90'XMM'
Y = 589690.541
X = 59714.810
BK = S00°29'37"E
AH = S61°40'18"E

C132

PI STA = 725+94.41'XMM'
Y = 589025.490
X = 60948.478
DELTA = 31°32'01"
D = 8°00'48"
T = 201.88'
L = 393.51'
R = 715.00'
PC STA = 723+92.53'XMM'
Y = 589121.286
X = 60770.778
PT STA = 727+86.04'XMM'
Y = 589036.777
X = 61150.039
BK = S61°40'18"E
AH = N86°47'41"E

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	ALIGNMENT DIAGRAM-EXISTING AND TEMPORARY ROADS	SHEET E

PRE_480

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\027207 AD.DWG
LAYOUT NAME - 027213 ad

PLOT DATE : 1/22/2020 9:11 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1:300

WISDOT/CADDS SHEET 42

3

CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID
STAGE 1								
0010	203RA+19	-	204RA+36	RAMP A	2	-	2	-
0010	207RA+38			RAMP A, LT	-	12	-	12
0010	303RB+80	-	312RB+65	RAMP B	10	-	10	-
0010	402RC+69			RAMP C, RT	-	24	-	24
0010	518RD+17			RAMP D, RT	-	12	-	12
0010	518RD+18			RAMP D, RT	-	12	-	12
0010	630EGE+61	-	631EGE+96	EVERGREEN AVE, EB	2	-	2	-
0010	631EGW+34	-	631EGW+71	EVERGREEN AVE, WB	1	-	1	-
0010	637EGW+06	-	637EGW+54	EVERGREEN AVE, WB	1	-	1	-
0010	96PEG+20	-	96PEG+81	POND - EVERGREEN	1	-	1	-
				STAGE 1 SUBTOTALS	17	60	17	60
STAGE 2								
0010	53SB+73	-	59SB+07	MARLEY ST, SB	10	-	10	-
0010	54NB+42	-	56NB+59	MARLEY ST, NB	4	-	4	-
0010	60SB+79	-	61SB+61	MARLEY ST, SB	2	-	2	-
0010	61NB+54	-	66NB+00	MARLEY ST, NB	5	-	5	-
0010	64SB+26			MARLEY ST, SB, LT	-	12	-	12
0010	65SB+34			MARLEY ST, SB LT	-	18	-	18
0010	41CD+53	-	42CD+35	MARLEY ST - EVERGREEN RAB	2	-	2	-
				STAGE 2 SUBTOTALS	23	30	23	30
STAGE 4								
0010	28SB+98	-	30SB+32	CTH VV, SB	4	-	4	-
0010	29NB+08			CTH VV, NB, RT	-	18	-	18
0010	29NB+34			CTH VV, NB, RT	-	24	-	24
				STAGE 4 SUBTOTALS	4	42	4	42
STAGE 5								
0010	526EB+35			STH 29, EB, RT	-	6	-	6
0010	526EB+38			STH 29, EB, RT	-	6	-	6
				STAGE 5 SUBTOTALS	0	12	0	12
STAGE 6								
0010	108OH+00	-	110OH+00	OLD HWY 29	2	-	2	-
				STAGE 6 SUBTOTALS	2	0	2	0
				TOTAL 0010	46	144	46	144

REMOVING SMALL PIPE CUVLERTS

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
STAGE 2				
0010	50NB+55	MARLEY ST, NB, RT	1	18-INCH CMP
0010	52NB+33	MARLEY ST, NB, RT	1	18-INCH CMP
0010	56NB+75	MARLEY ST, NB, RT	1	18-INCH CMP
0010	57NB+86	MARLEY ST, NB, RT	1	18-INCH CMP
0010	63SB+75	MARLEY ST, SB, LT	1	18-INCH CMP
0010	63NB+92	MARLEY ST, NB, LT	1	15-INCH CMP
0010	64NB+52	MARLEY ST, NB, LT	1	18-INCH CMP
0010	798M+85	MILLWOOD CT, RT	1	15-INCH CMP
0010	637EGE+39	EVERGREEN AVE	1	30-INCH CMCP
0010	638EGE+26	EVERGREEN AVE, RT	1	24-INCH CMCP
0010	640EGE+12	EVERGREEN AVE, RT	1	24-INCH CMCP
0010	705CT+81	CONNECTION RD, LT	1	12-INCH CMCP
0010	706CT+71	CONNECTION RD, LT	1	18-INCH CMCP
0010	707CT+01	CONNECTION RD	1	18-INCH CMCP
0010	707CT+88	CONNECTION RD, LT	1	18-INCH CMCP
0010	709CT+55	CONNECTION RD, LT	1	24-INCH CMCP
		STAGE 2 SUBTOTALS	16	
STAGE 3				
0010	542EB+00	STH 29, EB, RT	1	18-INCH RCCP
0010	501OV+29	OVERLAND RD	1	18-INCH CMCP
		STAGE 3 SUBTOTALS	2	
STAGE 4				
0010	29NB+21	CTH VV, NB, RT	1	18-INCH RCCP
0010	29SB+25	CTH VV, SB, LT	1	18-INCH RCCP
0010	36NB+25	CTH VV, NB, RT	1	18-INCH RCCP
0010	771XT+49	EXISTING TRIANGLE RD	1	24-INCH RCCP
		STAGE 4 SUBTOTALS	4	
STAGE 5				
0010	559EB+15	STH 29, EB, RT	1	18-INCH RCCP
		STAGE 5 SUBTOTALS	1	
STAGE 6				
0010	704CT+50	CONNECTION RD, RT	1	TEMPORARY CULVERT PIPE
0010	486WB+50	STH 29, WB, LT	1	24-INCH CMP
0010	489EB+89	STH 29, EB, LT	1	24-INCH RCCP
0010	559WB+30	STH 29, WB, LT	1	18-INCH RCCP
0010	105OH+50	OLD HWY 29, RT	1	24-INCH CMP
0010	717X`CL+35	EXISTING COUNTY LINE RD	1	21-INCH CMP
		STAGE 6 SUBTOTALS	6	
		TOTAL 0010	27	

3

3

REMOVING DRAINAGE

CATEGORY	STATION	TO	STATION	LOCATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER 12-INCH LF	204.0245.02 REMOVING STORM SEWER 18-INCH LF	204.0245.03 REMOVING STORM SEWER 24-INCH LF	204.0245.04 REMOVING STORM SEWER 30-INCH LF	204.9060.S.01 REMOVING APRON ENDWALLS EACH	204.9060.S.02 REMOVING UNDERDRAIN APRON ENDWALLS EACH
STAGE 1												
0010	208RA+71			RAMP A, LT	-	-	-	-	-	-	1	-
				STAGE 1 SUBTOTALS	0	0	0	0	0	0	1	0
STAGE 6												
0010	205RA+32			RAMP A, LT	-	-	-	-	-	-	1	-
0010	485EB+49	-	485EB+71	STH 29, EB, LT	-	2	-	52	-	-	-	-
0010	487EB+89	-	489EB+00	STH 29, EB, LT	-	2	112	-	-	-	-	-
0010	489WB+99			STH 29, WB, RT	-	-	-	-	36	-	1	-
0010	525WB+45			STH 29, WB, LT	-	-	-	-	-	-	1	-
0010	526EB+00			STH 29, EB, RT	-	-	-	-	-	-	-	1
0010	531EB+00			STH 29, EB, RT	-	-	-	-	-	-	-	1
0010	540EB+98			STH 29, EB, LT	-	-	15	-	-	-	-	1
0010	556EB+01			STH 29, EB, LT & RT	-	-	14	-	-	-	-	2
0010	556EB+47	-	557EB+00	STH 29, EB, LT	-	1	-	70	-	-	1	-
0010	558EB+88	-	562EB+92	STH 29, LT & RT	1	4	-	418	25	-	2	-
0010	560EB+97			STH 29, EB, LT & RT	-	-	-	-	-	-	-	1
0010	562WB+94	-	562WB+95	STH 29, WB, LT	-	-	-	-	9	-	-	-
0010	575EB+99			STH 29, EB, LT	-	-	15	-	-	-	-	1
0010	576EB+47	-	579EB+41	STH 29, EB, LT	1	-	-	294	-	12	-	-
0010	578WB+93	-	578WB+95	STH 29, WB, LT	-	-	-	-	-	30	1	-
				STAGE 6 SUBTOTALS	2	9	156	834	70	42	7	7
				TOTAL 0010	2	9	156	834	70	42	8	7

REMOVING CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF
STAGE 2						
0010	706CT+31			CONNECTION RD, LT	-	6
0010	706CT+88	-	707CT+97	CONNECTION RD, LT	-	147
0010	708CT+38			CONNECTION RD, LT	-	14
				STAGE 2 SUBTOTALS	0	167
STAGE 5						
0010	558EB+52	-	559EB+93	STH 29, EB, RT	-	200
				STAGE 5 SUBTOTALS	0	200
STAGE 6						
0010	485EB+65	-	488EB+89	STH 29, EB, LT	460	1,070
0010	485WB+83	-	487WB+37	STH 29, WB, LT	-	275
0010	487EB+11	-	488EB+71	STH 29, EB, RT	-	255
0010	557EB+14	-	560EB+12	STH 29, EB, LT	100	890
0010	558WB+24	-	560WB+04	STH 29, WB, LT	-	570
0010	103OH+53	-	104OH+77	OLD HWY 29	-	135
				STAGE 6 SUBTOTALS	560	3,195
				TOTAL 0010	560	3,562

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 REMOVING PAVEMENT SY	REMARKS
STAGE 2						
0010	798M+87			MILLWOOD CT, RT	30	
				STAGE 2 SUBTOTALS	30	
STAGE 5						
0010	554EB+09	-	560EB+80	STH 29, EB, LT	816	UNDER EXISTING ASPHALTIC PAVEMENT
				STAGE 5 SUBTOTALS	816	
STAGE 6						
0010	484EB+14	-	489EB+05	STH 29, EB, RT	194	UNDER EXISTING ASPHALTIC PAVEMENT
0010	485WB+16	-	490WB+89	STH 29, WB, LT	240	UNDER EXISTING ASPHALTIC PAVEMENT
0010	112OH+25	-	113OH+50	OLD HWY 29	335	UNDER EXISTING ASPHALTIC PAVEMENT
				STAGE 6 SUBTOTALS	769	
				TOTAL 0010	1,615	

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF
STAGE 1					
0010	306RB+30	-	306RB+85	RAMP B, LT	55
				STAGE 1 SUBTOTALS	55
STAGE 5					
0010	525WB+26	-	527WB+94	STH 29, EB, LT	270
				STAGE 5 SUBTOTALS	270
				TOTAL 0010	325

REMOVING SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY
STAGE 5					
0010	559EB+24	-	559EB+39	STH 29, EB, RT	20
				STAGE 5 SUBTOTALS	20
STAGE 6					
0010	485EB+65	-	488EB+89	STH 29, EB, LT	1,791
0010	486WB+31	-	486WB+65	STH 29, WB, LT	103
0010	487EB+90	-	488EB+16	STH 29, EB, RT	86
0010	557EB+14	-	560EB+12	STH 29, EB, LT	655
0010	559WB+04	-	559WB+24	STH 29, WB, LT	70
				STAGE 6 SUBTOTALS	2,705
				TOTAL 0010	2,725

REMOVING FENCE

CATEGORY	STATION	TO	STATION	LOCATION	204.0170 REMOVING FENCE LF	REMARKS
STAGE 1						
0010	619EGE+25	-	622EGE+15	EVERGREEN AVE, LT & RT	325	REMOVE FENCE WITHIN TLE
0010	701CT+43	-	702CT+11	CONNECTION RD	95	REMOVE FENCE WITHIN RIGHT OF WAY
				STAGE 1 SUBTOTALS	420	
STAGE 2						
0010	64SB+19	-	64SB+89	CTH VV, SB, LT	75	
				STAGE 2 SUBTOTALS	75	
				TOTAL 0010	495	

OBLITERATING OLD ROAD

CATEGORY	STATION	TO	STATION	LOCATION	214.0100 OBLITERATING OLD ROAD STA
STAGE 6					
0010	709XCL+90	-	717XCL+52	EXISTING CTH U	7.6
				TOTAL 0010	7.6

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION	TO	STATION	LOCATION	204.0180 REMOVING DELINEATORS AND MARKERS EACH
STAGE 5					
0010	516WB+04	-	528WB+64	STH 29, WB, LT	5
0010	524EB+19	-	529EB+46	STH 29, EB, RT	2
0010	554EB+10	-	566EB+61	STH 29, EB, RT	2
				STAGE 5 SUBTOTALS	9
STAGE 6					
0010	484EB+14	-	489EB+04	STH 29, EB, RT	2
0010	485WB+16	-	490WB+89	STH 29, WB, LT	2
0010	554WB+16	-	567WB+22	STH 29, WB, LT	2
				STAGE 6 SUBTOTALS	6
				TOTAL 0010	15

SELECT CRUSHED MATERIAL AND GEOTEXTILE TYPE SAS

CATEGORY	STATION	TO	STATION	LOCATION	312.0110 SELECT CRUSHED MATERIAL TON	645.0140 GEOTEXTILE TYPE SAS SY
STAGE 1						
0010	38NB+00	-	45NB+03	CTH VV, NB	6,800	4,860
0010	41SB+36	-	43SB+84	CTH VV, SB	610	440
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	6,345	4,540
0010	30CC+00	-	33CC+64	MARLEY-RAMP CD RAB	6,330	4,530
0010	206RA+50	-	215RA+95	RAMP A	10,530	7,530
0010	300RB+50	-	310RB+00	RAMP B	10,770	7,700
0010	400RC+55	-	402RC+00	RAMP C	1,830	1,310
0010	514RD+50	-	525RD+30	RAMP D	12,425	8,880
0010				EBS AREAS	-	1,510
				STAGE 1 SUBTOTALS	55,640	41,300
STAGE 2						
0010	601EGE+25	-	636EGE+00	EVERGREEN AVE, EB & WB	-	27,600
0010	402RC+00	-	409RC+00	RAMP C	7,820	5,590
0010				EBS AREAS	-	2,410
				STAGE 2 SUBTOTALS	7,820	35,600
STAGE 4						
0010	27NB+00	-	38NB+00	CTH VV, NB	4,690	3,350
0010	30SB+98	-	33SB+95	CTH VV, SB	410	290
0010				EBS AREAS	-	760
				STAGE 4 SUBTOTALS	5,100	4,400
STAGE 5						
0010	202RA+00	-	206RA+50	RAMP A	2,820	2,020
0010	310RB+00	-	315RB+15	RAMP B	5,080	3,630
0010	509RD+60	-	514RD+50	RAMP D	5,010	3,580
0010				EBS AREAS	-	770
				STAGE 5 SUBTOTALS	12,910	10,000
STAGE 6						
0010	409RC+00	-	414RC+48	RAMP C	3,330	2,280
0010				EBS AREAS	-	1,620
				STAGE 6 SUBTOTALS	3,330	3,900
				TOTAL 0010	84,800	95,200

EARTHWORK SUMMARY

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT CY (2)	TOPSOIL EBS (3)	EBS (4)	UNUSABLE PAVEMENT MATERIAL	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (6) 1.15	MASS ORDINATE +/- (7)	WASTE	208.0100 BORROW CY	208.1100 SELECT BORROW (8) CY	REMARKS
STAGE 1																
0010	38NB+00	-	45NB+03	CTH VV, NB	40	2,041	1,619	0	1,659	55,437	63,752	-62,093	0	62,093	3,169	
0010	41SB+36	-	43SB+84	CTH VV, SB	3	159	144	0	147	5,448	6,265	-6,118	0	6,118	285	
0010	20CB+00	-	23CB+64	CTH VV/EB RAMPS RAB	0	194	1,511	0	1,511	38,645	44,442	-42,931	0	42,931	3,010	
0010	47NB+25	-	54NB+00	MARLEY ST, NB	76	1,785	1,563	0	1,639	53,842	61,918	-60,279	0	60,279	3,065	
0010	48SB+35	-	50SB+79	MARLEY ST, SB	3	187	139	0	142	5,749	6,612	-6,469	0	6,469	277	
0010	30CC+00	-	33CC+64	MARLEY/WB RAMPS RAB	0	226	1,507	0	1,507	41,750	48,013	-46,506	0	46,506	3,000	
0010	70PVV+18	-	73PVV+23	POND CTH VV	3,575	0	0	48	3,527	3,153	3,625	-98	0	98	0	
0010	80PTS+15	-	83PTS+45	POND CTH TS	4,404	0	0	0	4,404	1,179	1,356	3,047	0	-3,047	0	
0010	90PEG+17	-	96PEG+72	POND EVERGREEN	14,301	0	0	0	14,301	3,520	4,048	10,254	0	-10,254	0	
0010	100CE+18	-	120CE+00	CTH TS, EB	4,067	0	0	0	4,067	22,535	25,915	-21,848	0	21,848	0	
0010	100CW+14	-	100CW+43	CTH TS, WB	0	0	0	0	0	429	493	-493	0	493	0	
0010	206RA+00	-	215RA+95	RAMP A	167	2,023	2,509	0	2,676	51,527	59,256	-56,580	0	56,580	4,874	
0010	300RB+50	-	311RB+00	RAMP B	106	2,129	2,564	48	2,622	55,000	63,250	-60,628	0	60,628	4,983	
0010	400RC+55	-	402RC+00	RAMP C	0	552	435	0	435	16,448	18,915	-18,480	0	18,480	849	
0010	514RD+00	-	525RD+30	RAMP D	180	2,470	2,962	0	3,142	66,161	76,085	-72,943	0	72,943	5,766	
0010	600EGE+18	-	634EGE+50	EVERGREEN AVE, EB	15,224	0	0	0	15,224	7,070	8,131	7,094	0	-7,094	0	
0010	600EGW+14	-	500EGW+43	EVERGREEN AVE, WB	9	0	0	0	9	127	146	-137	0	137	0	
0010	700CT+50	-	704CT+00	CONNECTION RD	2,219	0	0	0	2,219	2	2	2,217	0	-2,217	0	
				UNDISTRIBUTED	0	0	4,200	0	0	0	0	0	0	0	4,200	IS to be backfilled with Select Borrow in undistributed areas.
				STAGE 1 SUBTOTALS	44,375	11,765	19,153	96	59,232	428,020	492,223	-432,992	0	432,992	33,477	
STAGE 2																
0010	54NB+00	-	65NB+25	MARLEY ST, NB	2,484	718	1,248	239	3,493	15,152	17,425	-13,932	0	13,932	2,428	
0010	58SB+75	-	61SB+22	MARLEY ST, SB	55	39	56	7	104	388	446	-342	0	342	110	
0010	40CD+00	-	43CD+64	MARLEY/EVERGREEN RAB	87	0	0	0	87	6,301	7,246	-7,159	0	7,159	0	
0010	402RC+00	-	410RC+00	RAMP C	3,219	1,198	1,862	201	4,880	31,684	36,437	-31,557	0	31,557	3,617	
0010	597EGE+50	-	598EGE+38	FUTURE EVERGREEN AVE, EB	13	0	0	0	13	410	472	-459	0	459	0	
0010	598EGW+01	-	598EGW+42	FUTURE EVERGREEN AVE, WB	28	0	0	0	28	180	207	-180	0	180	0	
0010	634EGE+50	-	642EGE+50	EVERGREEN AVE, EB	2,399	0	0	500	1,899	1,937	2,228	-329	0	329	0	
0010	704CT+00	-	709CT+25	CONNECTION RD	2,886	0	0	461	2,425	639	735	1,690	0	-1,690	0	
0010	798M+25	-	799M+35	MILWOOD CT	258	0	0	31	227	12	14	214	0	-214	0	
0010	10MD+50	-	16MD+84	MARLEY DITCH	2,215	0	0	137	2,078	1,781	2,048	30	0	-30	0	
				UNDISTRIBUTED	0	0	1,600	0	0	0	0	0	0	0	1,600	IS to be backfilled with Select Borrow in undistributed areas.
				STAGE 2 SUBTOTALS	13,644	1,955	4,766	1,576	15,234	58,484	67,257	-52,023	0	52,023	7,755	

1) Common Excavation is the sum of the Cut, Topsoil EBS, and EBS columns. Item number 205.0100
2) Unsuable Pavement Material is included in Cut.
3) Topsoil EBS to be backfilled with Borrow Material.
4) EBS to be backfilled with Select Crushed Material in soil mitigation areas. EBS to be backfilled with Select Borrow in undistributed areas.
5) Available Material = Cut - Unusuable Pavement Material+EBS
6) Expanded Fill Facter = 1.15, Expanded Fill = (Unexpanded Fill)*Fill Factor
7) The Mass Ordinate + or - Qty calculated for the section. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material withi
7) Mass Ordinate = Available Material - Expanded Fill
8) Select Borrow installed in soil mitigation areas.

EARTHWORK SUMMARY (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT CY (2)	TOPSOIL EBS (3)	EBS (4)	UNUSABLE PAVEMENT MATERIAL	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (6) 1.15	MASS ORDINATE +/- (7)	WASTE	208.0100 BORROW CY	208.1100 SELECT BORROW (8) CY	REMARKS
STAGE 3																
0010	540EB+75	-	547EB+64	STH 29	977	0	0	336	641	3,611	4,153	-3,512	0	3,512	0	
				STAGE 3 SUBTOTALS	977	0	0	336	641	3,611	4,153	-3,512	0	3,512	0	
STAGE 4																
0010	27NB+00	-	38NB+00	CTH VV, NB	750	890	1,110	544	1,315	16,148	18,570	-17,255	0	17,255	2,183	
0010	30SB+98	-	33SB+95	CTH VV, SB	5	79	95	68	32	1,404	1,614	-1,582	0	1,582	186	
0010	10CA+00	-	13CA+64	CTH VV/CTH TS RAB	0	0	0	139	-139	9,741	11,202	-11,341	0	11,341	0	
0010	768XT+40	-	771XT+08	EXISTING TRIANGLE DR	1,033	0	0	218	815	103	119	696	0	-696	0	
				UNDISTRIBUTED	0	0	500	0	0	0	0	0	0	0	500	S to be backfilled with Select Borrow in undistributed areas.
				STAGE 4 SUBTOTALS	1,787	969	1,705	970	2,023	27,396	31,505	-29,482	0	29,482	2,869	
STAGE 5																
0010	201RA+89	-	206RA+00	RAMP A	378	0	0	42	336	1,181	1,358	-1,022	0	1,022	0	
0010	311RB+00	-	315RA+14	RAMP B	400	0	0	138	262	705	811	-549	0	549	0	
0010	509RD+61	-	514RD+00	RAMP D	653	0	0	49	604	704	810	-206	0	206	0	
0010	516EB+04	-	526EB+50	STH 29	1,219	0	0	282	936	1,220	1,403	-467	0	467	0	
0010	684T+99	-	686T+95	TRIANGLE DR	697	0	0	203	493	823	946	-453	0	453	0	
0010	787XT+18	-	789XT+00	EXISTING TRIANGLE DR	1,371	0	0	189	1,182	45	52	1,130	0	-1,130	0	
				UNDISTRIBUTED	0	0	500	0	0	0	0	0	0	0	500	S to be backfilled with Select Borrow in undistributed areas.
				STAGE 5 SUBTOTALS	4,717	0	500	904	3,814	4,678	5,380	-1,566	0	1,566	500	
STAGE 6																
0010	410RC+00	-	414RC+42	RAMP C	4,913	0	0	164	4,749	1,116	1,283	3,466	3,633	0	0	
0010	479EB+68	-	579EB+54	STH 29	16,843	0	0	3,220	13,623	672	773	12,850	12,951	0	0	
0010	100OH+00	-	113OH+50	OLD HWY 29	3,403	0	0	741	2,662	3,833	4,408	-1,746	0	0	0	
0010	705XCL+17	-	706XCL+51	EXISTING COUNTY LINE	1,282	0	0	87	1,196	0	0	1,196	1,196	0	0	
0010	716XOH+20	-	721XOH+41	EXISTING OLD HWY 29	4,188	0	0	321	3,867	6	7	3,860	2,690	0	0	
				UNDISTRIBUTED	0	0	1,057	0	0	0	0	0	0	0	1,057	S to be backfilled with Select Borrow in undistributed areas.
				STAGE 6 SUBTOTALS	30,629	0	1,057	4,533	26,097	5,627	6,471	19,626	20,470	0	1,057	
				TOTAL 0010	96,130	14,689	27,181	8,414	107,040	527,816	606,989	-499,949	20,470	519,575	45,658	
					138,000											

1) Common Excavation is the sum of the Cut, Topsoil EBS, and EBS columns. Item number 205.0100
2) Unsuable Pavement Material is included in Cut.
3) Topsoil EBS to be backfilled with Borrow Material.
4) EBS to be backfilled with Select Crushed Material in soil mitigation areas. EBS to be backfilled with Select Borrow in undistributed areas.
5) Available Material = Cut - Unusuable Pavement Material+EBS
6) Expanded Fill Facter = 1.15, Expanded Fill = (Unexpanded Fill)*Fill Factor
7) The Mass Ordinate + or - Qty calculated for the section. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material withi
7) Mass Ordinate = Available Material - Expanded Fill
8) Select Borrow installed in soil mitigation areas.

BASE AGGREGATE DENSE AND WATER

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL
STAGE 1								
0010	601EGE+25	-	623EGE+32	EVERGREEN AVE, EB	-	5,615	4,500	101
0010	601EGW+25	-	623EGW+41	EVERGREEN AVE, WB	-	5,580	4,470	100
0010	601EGE+25	-	623EGE+32	EVERGREEN AVE, EB, RT	-	390	1,120	15
0010	601EGW+25	-	623EGW+41	EVERGREEN AVE, WB, LT	-	400	1,150	15
0010	623EGE+32	-	634EGE+74	EVERGREEN AVE, EB	-	3,180	2,540	33
0010	623EGW+41	-	634EGW+75	EVERGREEN AVE, WB	-	3,320	2,650	34
0010	623EGE+32	-	634EGE+74	EVERGREEN AVE, EB, RT	-	210	600	8
0010	623EGW+41	-	634EGW+75	EVERGREEN AVE, WB, LT	-	200	270	8
0010	623EGE+78	-	626EGE+43	EVERGREEN AVE, MEDIAN	-	60	170	2
0010	634EGE+74	-	636EGE+00	EVERGREEN AVE, EB & WB	35	850	730	15
0010	101CE+25	-	119CE+76	CTH TS, EB	-	4,600	-	46
0010	101CW+25	-	119CW+76	CTH TS, WB	-	4,430	-	44
0010	101CE+25	-	119CE+76	CTH TS, EB, RT	-	255	-	3
0010	101CW+25	-	119CW+76	CTH TS, WB, LT	-	240	-	2
0010	101CE+33	-	102CE+73	CTH TS, MEDIAN	-	60	-	1
0010	700CT+15	-	704CT+00	CONNECTION RD	-	1,310	-	13
0010				UNDISTRIBUTED - DUST CONTROL	-	-	-	600
				STAGE 1 SUBTOTALS	35	30,700	18,200	1,040
STAGE 2								
0010	10TCR+45	-	12TCR+00	TEMPORARY CONNECTION RD	11	523	-	5
0010	58NB+25	-	59NB+44	MARLEY ST, NB	-	320	-	3
0010	58SB+25	-	59SB+20	MARLEY ST, SB	-	265	-	3
0010	58NB+25	-	59NB+44	MARLEY ST, NB, RT	-	20	-	-
0010	58SB+25	-	59SB+20	MARLEY ST, SB, LT	-	20	-	-
0010	59NB+23	-	59NB+44	MARLEY ST, MEDIAN	-	15	-	-
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	-	1,860	-	20
0010	61NB+13	-	65NB+25	MARLEY ST, NB	-	1,320	-	15
0010	60SB+87	-	65SB+25	MARLEY ST, SB	-	1,090	-	12
0010	61NB+13	-	64NB+25	MARLEY ST, NB, RT	-	45	-	1
0010	60SB+87	-	65SB+25	MARLEY ST, SB, LT	-	45	-	1
0010	61NB+13	-	61NB+37	MARLEY ST, MEDIAN	-	15	-	1
0010	63NB+95			MARLEY ST, RT	-	10	-	1
0010	64NB+50			MARLEY ST, RT	-	4	-	1
0010	798M+25	-	799M+68	MILLWOOD CT	22	463	-	5
0010	798M+85			MILLWOOD CT, RT	-	16	-	1
0010	597EGE+97	-	598EGE+43	EVERGREEN AVE, EB & WB	-	280	-	3
0010	597EGE+97	-	598EGE+43	EVERGREEN AVE, EB, RT	-	8	-	1
0010	597EGE+97	-	598EGE+43	EVERGREEN AVE, WB, LT	-	10	-	1
0010	597EGE+77	-	598EGE+44	EVERGREEN AVE, MEDIAN	-	20	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

BASE AGGREGATE DENSE AND WATER (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL
STAGE 2 (CONTINUED)								
0010	600EGE+12	-	601EGE+25	EVERGREEN AVE, EB, RT	-	23	-	1
0010	600EGW+07	-	601EGW+25	EVERGREEN AVE, WB, LT	-	17	-	1
0010	600EGE+12	-	600EGE+37	EVERGREEN AVE, MEDIAN	-	13	-	1
0010	636EGE+00	-	642EGE+50	EVERGREEN AVE, EB & WB	-	3,420	-	34
0010	637EGE+15			EVERGREEN AVE, RT	-	32	-	1
0010	637EGE+65			EVERGREEN AVE, RT	12	4	-	1
0010	638EGE+25			EVERGREEN AVE, RT	-	20	-	1
0010	640EGE+15			EVERGREEN AVE, RT	-	19	-	1
0010	704CT+00	-	709CT+08	CONNECTION RD	-	2,081	-	21
0010	706CT+50			CONNECTION RD, LT	-	51	-	1
0010	708CT+25			CONNECTION RD, LT	-	42	-	1
0010	709CT+00			CONNECTION RD	-	29	-	1
0010				UNDISTRIBUTED - DUST CONTROL	-	-	-	600
				STAGE 2 SUBTOTALS	45	12,100	0	740
STAGE 4								
0010	27NB+00	-	31NB+58	CTH VV, NB	14	1,301	-	13
0010	27SB+00	-	31SB+58	CTH VV, SB	23	1,324	-	13
0010	30NB+64	-	31NB+58	CTH VV, NB, RT	-	21	-	1
0010	30SB+79	-	31SB+58	CTH VV, SB, LT	-	12	-	1
0010	29NB+65	-	31NB+58	CTH VV, MEDIAN	-	33	-	1
0010	28NB+25			CTH VV, NB, RT	11	4	-	1
0010	28SB+90			CTH VV, SB, LT	9	0	-	1
0010	29NB+20			CTH VV, NB, RT	-	7	-	1
0010	29SB+25			CTH VV, SB, LT	6	2	-	1
0010	10CA+00	-	13CA+64	CTH VV-CENTERLINE RAB	-	1,745	-	17
0010	11CA+75			CTH VV-CENTERLINE RAB, RT	14	14	-	1
0010	33NB+26	-	41NB+29	CTH VV, NB	-	2,330	-	23
0010	33NB+26	-	41SB+25	CTH VV, SB	-	2,275	-	23
0010	33NB+26	-	41NB+81	CTH VV, NB, RT	-	103	-	1
0010	33NB+26	-	41NB+68	CTH VV, SB, LT	-	105	-	1
0010	33NB+26	-	41NB+81	CTH VV, MEDIAN	-	143	-	1
0010	41NB+29	-	41NB+81	CTH VV, NB	-	47	-	1
0010	41NB+25	-	41SB+68	CTH VV, SB	-	41	-	1
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	-	726	-	7
0010	43NB+50	-	45NB+05	CTH VV, NB	-	134	-	1
0010	43SB+37	-	44SB+88	CTH VV, SB	-	134	-	1
0010	43NB+50	-	45NB+05	MARLEY ST, NB, RT	-	41	-	1
0010	43SB+37	-	44SB+88	MARLEY ST, SB, LT	-	38	-	1
0010	43NB+50	-	45NB+05	MARLEY ST, MEDIAN	-	25	-	1
0010	47NB+23	-	48NB+72	MARLEY ST, NB	-	132	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

BASE AGGREGATE DENSE AND WATER (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL
STAGE 4 (CONTINUED)								
0010	47SB+06	-	48SB+59	MARLEY ST, SB	-	132	-	1
0010	47NB+23	-	48NB+72	MARLEY ST, NB, RT	-	21	-	1
0010	47SB+06	-	48SB+59	MARLEY ST, SB, LT	-	23	-	1
0010	47NB+23	-	48NB+72	MARLEY ST, MEDIAN	-	25	-	1
0010	30CC+00	-	33CC+64	CTH VV-RAMP CD RAB	-	730	-	7
0010	50NB+41	-	50NB+86	CTH VV, NB	-	41	-	1
0010	50SB+26	-	50SB+84	CTH VV, SB	-	52	-	1
0010	50NB+41	-	58NB+25	MARLEY ST, NB, RT	-	93	-	1
0010	50SB+26	-	58SB+25	MARLEY ST, SB, LT	-	81	-	1
0010	50NB+41	-	50NB+66	MARLEY ST, MEDIAN	-	13	-	1
0010	50NB+86	-	58NB+25	MARLEY ST, NB	-	2,152	-	22
0010	50NSB+84	-	58SB+25	MARLEY ST, SB	-	2,144	-	21
0010	100CE+12	-	101CE+25	CTH TS, EB	-	275	-	3
0010	100CW+07	-	101CW+25	CTH TS, WB	-	271	-	3
0010	100CE+12	-	101CE+25	CTH TS, EB, RT	-	22	-	1
0010	100CW+07	-	101CW+25	CTH TS, WB, LT	-	17	-	1
0010	100CE+12	-	101CE+25	CTH TS, MEDIAN	-	30	-	1
0010	206RA+50	-	216RA+47	RAMP A	143	1,923	-	22
0010	216RA+25	-	216RA+47	RAMP A, LT & RT	-	29	-	1
0010	300RB+10	-	310RB+00	RAMP B	150	1,963	-	22
0010	300RB+10	-	300RB+50	RAMP B, LT & RT	-	31	-	1
0010	400RC+09	-	409RC+00	RAMP C	125	1,711	-	20
0010	400RC+09	-	400RC+50	RAMP C, LT & RT	-	27	-	1
0010	514RD+50	-	525RD+71	RAMP D	175	2,228	-	24
0010	525RD+25	-	525RD+72	RAMP D, LT & RT	-	29	-	1
0010				UNDISTRIBUTED - DUST CONTROL	-	-	-	400
				STAGE 4 SUBTOTALS	670	24,800	0	675

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

BASE AGGREGATE DENSE AND WATER (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL
STAGE 5								
0010	202RA+00	-	206RA+50	RAMP A	85	1,270	-	15
0010	310RB+00	-	315RB+15	RAMP B	170	2,270	-	24
0010	509RD+60	-	514RD+50	RAMP D	169	2,225	-	24
0010	684T+98	-	686T+70	TIRANGLE DR	45	1,080	-	12
0010				TRIANGLE DR, LT, POND DWY	15	27	-	-
0010	685T+35			TRIANGLE DR, RT	16	18	-	-
0010				UNDISTRIBUTED - DUST CONTROL	-	-	-	200
				STAGE 5 SUBTOTALS	500	6,890	0	275
STAGE 6								
0010	409RC+00	-	414RC+48	RAMP C	99	1,445	-	15
0010	100OH+00	-	113OH+50	OLD HWY 29	392	4,705	-	53
0010	101OH+00			OLD HWY 29, RT	-	10	-	1
0010	102OH+10			OLD HWY 29, LT	-	10	-	1
0010	103OH+00			OLD HWY 29, RT	-	40	-	1
0010	479EB+68		489EB+84	STH 29, EB, LT & RT	191	-	-	2
0010	484WB+67		494WB+86	STH 29, WB, LT & RT	171	-	-	2
0010	540EB+75		544EB+05	STH 29, EB, LT & RT	62	-	-	1
0010	540WB+75		547WB+65	STH 29, WB, RT	75	-	-	1
0010	552EB+30		563EB+04	STH 29, EB, LT	114	-	-	1
0010	555WB+99		566WB+11	STH 29, WB, RT	107	-	-	1
0010	559WB+43		567WB+22	STH 29, WB, LT	99	-	-	1
0010				UNDISTRIBUTED - DUST CONTROL	-	-	-	200
				STAGE 6 SUBTOTALS	1,310	6,210	0	280
				TOTAL 0010	2,560	80,700	18,200	3,010

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

CONCRETE DRIVEWAY

CATEGORY	STATION	LOCATION	416.0160 CONCRETE DRIVEWAY 6-INCH SY
STAGE 2			
0010	63NB+95	MARLEY ST, RT	28
0010	798M+85	MILLWOOD CT, RT	29
		STAGE 2 SUBTOTAL	57
STAGE 4			
0010	11CA+75	CTH VV-CTH TS RAB, RT	49
		STAGE 4 SUBTOTAL	49
		TOTAL 0010	106

ASPHALTIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY
STAGE 2			
0010	799M+30	MILLWOOD CT, LT	6
0010	799M+30	MILLWOOD CT, RT	6
		STAGE 2 SUBTOTAL	12
STAGE 4			
0010	215RA+05	RAMP A, RT	6
0010	215RA+05	RAMP A, LT	6
0010	300RB+75	RAMP B, RT	6
0010	300RB+75	RAMP B, LT	6
0010	525RD+00	RAMP C, RT	6
0010	525RD+00	RAMP C, LT	6
0010	401RC+51	RAMP D, RT	6
0010	401RC+51	RAMP D, LT	6
		STAGE 4 SUBTOTAL	48
		TOTAL 0010	60

HMA PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON
STAGE 1									
0010	601EGE+25	-	623EGE+32	EVERGREEN AVE, EB	322	-	-	794	529
0010	601EGW+25	-	623EGW+41	EVERGREEN AVE, WB	308	-	-	760	506
0010	623EGE+32	-	634EGE+74	EVERGREEN AVE, EB	187	-	-	462	308
0010	623EGW+41	-	634EGW+75	EVERGREEN AVE, WB	192	-	-	473	315
0010	634EGE+74	-	636EGE+00	EVERGREEN AVE, EB & WB	52	-	-	129	86
0010	101CE+25	-	119CE+76	CTH TS, EB	252	-	-	622	414
0010	101CW+25	-	119CW+76	CTH TS, WB	243	-	-	600	400
0010	700CT+15	-	704CT+00	CONNECTION RD	99	-	-	182	142
				STAGE 1 SUBTOTALS	1,655	0	0	4,022	2,700
STAGE 2									
0010	58NB+25	-	59NB+44	MARLEY ST, NB	32	-	-	57	22
0010	58SB+25	-	59SB+20	MARLEY ST, SB	27	-	-	47	18
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	198	-	-	385	142
0010	61NB+13	-	65NB+25	MARLEY ST, NB	155	-	-	287	111
0010	60SB+87	-	65SB+25	MARLEY ST, SB	119	-	-	219	85
0010	798M+25	-	799M+68	MILLWOOD CT	63	-	-	58	45
0010	597EGE+97	-	598EB+43	EVERGREEN AVE, EB & WB	28	-	-	35	23
0010	600EGE+12	-	601EGE+25	EVERGREEN AVE, EB	31	-	-	38	26
0010	600EGW+07	-	601EGW+25	EVERGREEN AVE, WB	30	-	-	37	25
0010	636EGE+00	-	642EGE+50	EVERGREEN AVE, EB & WB	189	-	-	467	311
0010	704CT+00	-	709CT+08	CONNECTION RD	263	-	-	483	376
				STAGE 2 SUBTOTALS	1,135	0	0	2,113	1,184

HMA PAVEMENT (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON
STAGE 4									
0010	27NB+00	-	31NB+58	CTH VV, NB	68	-	-	193	124
0010	27SB+00	-	31SB+58	CTH VV, SB	64	-	-	184	120
0010	10CA+00	-	13CA+64	CTH VV-CTH TS RAB	92	-		261	190
0010	33NB+26	-	41NB+29	CTH VV, NB	110	-	-	312	200
0010	33NB+26	-	41NB+25	CTH VV, SB	105	-	-	299	194
0010	50NB+86	-	58NB+25	MARLEY ST, NB	200	-	-	368	143
0010	50SB+84	-	58SB+25	MARLEY ST, SB	195	-	-	361	140
0010	100CE+12	-	101CE+25	CTH TS, EB	15	-	-	39	25
0010	100CW+07	-	101CW+25	CTH TS, WB	15	-	-	38	25
0010	206RA+50	-	215RA+19	RAMP A, LT & RT	54	100	78	-	-
0010	300RB+78	-	310RB+00	RAMP B, LT & RT	57	107	83	-	-
0010	401RC+36	-	409RC+00	RAMP C, LT & RT	50	90	68	-	-
0010	514RD+50	-	525RD+00	RAMP D, LT & RT	65	123	95	-	-
				STAGE 4 SUBTOTALS	1,090	420	324	2,055	1,161
STAGE 5									
0010	202RA+00	-	206RA+50	RAMP A	65	-	-	-	107
0010	202RA+00	-	206RA+50	RAMP A, LT & RT	58	107	83	-	-
0010	310RB+00	-	315RB+15	RAMP B	140	-	-	-	230
0010	310RB+00	-	315RB+15	RAMP B, LT & RT	85	157	122	-	-
0010	509RD+60	-	514RD+50	RAMP D	140	-	-	-	225
0010	509RD+60	-	514RD+50	RAMP D, LT & RT	84	155	120	-	-
0010	500OV+50	-	502OV+23	N. OVERLAND RD	83	152	118	-	-
				STAGE 5 SUBTOTALS	655	571	443	0	562
STAGE 6									
0010	409RC+00	-	414RC+48	RAMP C	75				123
0010	409RC+00	-	414RC+48	RAMP C, LT & RT	65	117	91	-	-
0010	100OH+00	-	113OH+50	OLD HWY 29	315	712	582	-	-
				STAGE 6 SUBTOTALS	455	829	673	0	123
				TOTAL 0010	4,990	1,820	1,440	8,190	5,730

ASPHALTIC SURFACE AND DRIVEWAYS

CATEGORY	STATION	TO	STATION	LOCATION	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON
STAGE 2							
0010	10TCR+45	-	12TCR+00	TEMPORARY CONNECTION RD	-	-	200
0010	65SB+25	-	66SB+00	MARLEY ST, SB	55	-	-
0010	597EGE+65	-	597EGE+87	EVERGREEN AVE	25	-	-
0010	63NB+95			MARLEY ST, NB, RT	-	1	-
0010	64NB+50			MARLEY ST, NB, RT		2	
0010	798M+85			MILLWOOD CT, RT	-	9	-
0010	637EGE+15			EVERGREEN AVE, RT	-	25	-
0010	637EGE+65			EVERGREEN AVE, RT	-	3	-
0010	638EGE+25			EVERGREEN AVE, RT	-	17	-
0010	640EGE+15			EVERGREEN AVE, RT	-	15	-
0010	706CT+50			CONNECTION RD, LT	-	40	-
0010	708CT+25			CONNECTION RD, LT	-	33	-
0010	709CT+00			CONNECTION RD	-	22	-
				STAGE 2 SUBTOTALS	80	167	200
STAGE 4							
0010	28NB+25			CTH VV, NB, RT	-	2	-
0010	28SB+90			CTH VV, SB, LT	-	2	-
0010	29NB+20			CTH VV, NB, RT	-	4	-
0010	29SB+25			CTH VV, SB, LT	-	1	-
0010	11CA+75			CTH VV-CTH TS RAB, RT	-	1	-
				STAGE 4 SUBTOTALS	0	10	0
STAGE 5							
0010				TRIANGLE DR, LT, POND DWY	-	3	-
0010	685T+35			TRIANGLE DR, RT	-	2	-
				STAGE 5 SUBTOTALS	0	5	0
STAGE 6							
0010	101OH+00			OLD HWY 29, RT	-	5	-
0010	102OH+10			OLD HWY 29, LT	-	4	-
0010	103OH+00			OLD HWY 29, RT	-	31	-
				STAGE 6 SUBTOTALS	0	40	0
				TOTAL 0010	80	222	200

3

					CONCRETE PAVEMENT							
					320.0155	* 405.0100	415.0090	415.0410	415.4100	415.5110.S	416.0512	416.0610
					CONCRETE BASE 9-INCH	COLORING CONCRETE WISDOT RED	CONCRETE PAVEMENT 9-INCH	CONCRETE PAVEMENT APPROACH SLAB	CONCRETE PAVEMENT JOINT FILLING	CONCRETE PAVEMENT JOINT LAYOUT	CONCRETE TRUCK APRON 12-INCH	DRILLED TIE BARS
CATEGORY	STATION	TO	STATION	LOCATION	SY	CY	SY	SY	SY	LS	SY	EACH
STAGE 2												
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	-	140	55	-	-	-	415	-
0010	60SB+79	-	61SB+65	MARLEY ST, SB, LT	-	15	-	-	-	-	-	-
				STAGE 2 SUBTOTALS	0	155	55	0	0	0	415	0
STAGE 4												
0010	10CA+00	-	13CA+64	CTH VV-CTH TS RAB	-	130	-	-	-	-	380	-
0010	41NB+29	-	41NB+81	CTH VV, NB	-	-	95	-	130	-	-	-
0010	41SB+24	-	41SB+68	CTH VV, SB	-	-	85	-	115	-	-	-
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	-	140	1,290	-	1,370	-	415	-
0010	206RA+50	-	216RA+48	RAMP A	-	15	1,750	-	310	-	-	-
0010	300RB+10	-	310RB+00	RAMP B	-	-	1,670	-	140	-	-	-
0010	43NB+50	-	45NB+05	CTH VV, NB	-	-	205	20	360	-	-	-
0010	43SB+37	-	44SB+88	CTH VV, SB	-	-	210	20	360	-	-	-
0010	47NB+23	-	48NB+72	MARLEY ST, NB	-	-	205	20	355	-	-	-
0010	47SB+06	-	48SB+59	MARLEY ST, SB	-	-	200	20	350	-	-	-
0010	30CC+00	-	33CC+64	MARLEY-RAMP CD RAB	-	145	1,290	-	1,370	-	425	-
0010	400RC+09	-	409RC+00	RAMP C	-	15	1,580	-	320	-	-	-
0010	514RD+50	-	525RD+72	RAMP D	-	-	1,890	-	165	-	-	-
0010	50NB+41	-	50NB86	MARLEY ST, NB	-	-	85	-	110	-	-	-
0010	50SB+26	-	50SB+84	MARLEY ST, SB	-	30	210	-	135	-	-	-
0010				PROJECT	-	-	-	-	-	1	-	-
				STAGE 4 SUBTOTALS	0	475	10,765	80	5,590	1	1,220	0
STAGE 5												
0010	202RA+00	-	206RA+50	RAMP A	930	-	-	-	-	-	-	75
0010	310RB+00	-	315RB+15	RAMP B	2,000	-	-	-	-	-	-	320
0010	509RD+60	-	514RD+50	RAMP D	1,955	-	-	-	-	-	-	-
				STAGE 5 SUBTOTALS	4,885	0	0	0	0	0	0	395
STAGE 6												
0010	409RC+00	-	414RC+48	RAMP C	1,075	-	-	-	-	-	-	-
				STAGE 6 SUBTOTALS	1,075	0	0	0	0	0	0	0
				TOTAL 0010	5,960	630	10,820	80	5,590	1	1,635	395

ASPHALTIC SHOULDER RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF
STAGE 4					
0010	541EB+25	-	542EB+00	STH 29, EB, LT	75
0010	541EB+25	-	544EB+00	STH 29, EB, LT	275
0010	541WB+25	-	549WB+25	STH 29, WB, RT	800
				STAGE 4 SUBTOTAL	1,150
STAGE 5					
0010	516WB+04	-	525WB+29	STH 29, WB, LT	925
0010	558EB+50	-	566EB+60	STH 29, EB, RT	810
				STAGE 5 SUBTOTAL	1,735
STAGE 6					
0010	478EB+50	-	485EB+70	STH 29, EB, LT	720
0010	481EB+35	-	489EB+75	STH 29, EB, RT	840
0010	487EB+25	-	488EB+50	STH 29, EB, LT	125
0010	484WB+25	-	493WB+50	STH 29, WB, LT	925
0010	486WB+15	-	487WB+30	STH 29, WB, RT	115
0010	488WB+85	-	495WB+80	STH 29, WB, RT	695
0010	551EB+30	-	558EB+30	STH 29, EB, LT	700
0010	558EB+65	-	559EB+75	STH 29, EB, LT	110
0010	558WB+70	-	559WB+70	STH 29, WB, RT	100
0010	560WB+15	-	567WB+00	STH 29, WB, RT	685
0010	560WB+00	-	568WB+00	STH 29, WB, LT	800
0010	571EB+25	-	587EB+80	STH 29, EB, LT	755
0010	576WB+00	-	579WB+05	STH 29, WB, LT	305
0010	578WB+50	-	779WB+05	STH 29, WB, RT	55
				STAGE 6 SUBTOTAL	6,930
				TOTAL 0010	9,815

RIPRAP AND GEOTEXTILE TYPE HR

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
STAGE 1					
0010	107CW+10	CTH TS, LT	7	29	PIPE DISCHARGE
0010	107CW+80	CTH TS, RT	7	29	PIPE DISCHARGE
0010	618EGE+00	EVERGREEN AVE, RT	7	27	STORM OUTFALL
0010	637EGE+20	EVERGREEN AVE, LT	3	14	STORM OUTFALL
0010	637EGE+45	EVERGREEN AVE, RT	3	14	PIPE DISCHARGE
0010	208RA+80	RAMP A, RT	4	13	PIPE DISCHARGE
		STAGE 1 SUBTOTALS	31	126	
STAGE 2					
0010	58NB+40	MARLEY ST, RT	7	27	STORM OUTFALL
0010	61NB+01	MARLEY ST, RT	2	8	PIPE DISCHARGE
0010	799M+30	MILLWOOD CT, LT	2	8	FLUME
0010	799M+30	MILLWOOD CT, RT	2	8	FLUME
		STAGE 2 SUBTOTALS	13	51	
STAGE 4					
0010	36NB+40	CTH VV, RT	14	40	PIPE DISCHARGE
0010	38NB+60	CTH VV, RT	17	60	PIPE DISCHARGE - POND
0010	40NB+60	CTH VV, RT	8	33	PIPE DISCHARGE - POND
0010	53NB+25	MARLEY ST, RT	34	135	STORM OUTFALL
0010	56NB+25	MARLEY ST, RT	7	26	STORM OUTFALL
0010	215RA+05	RAMP A, LT	2	8	FLUME
0010	215RA+05	RAMP A, RT	2	8	FLUME
0010	300RB+75	RAMP B, LT	2	8	FLUME
0010	300RB+75	RAMP B, RT	2	8	FLUME
0010	401RC+51	RAMP C, LT	2	8	FLUME
0010	401RC+51	RAMP C, RT	2	8	FLUME
0010	30CC+96	RAMP C, LT	70	285	STORM OUTFALL
0010	525RD+00	RAMP D, LT	2	8	FLUME
0010	525RD+00	RAMP D, RT	2	8	FLUME
		STAGE 4 SUBTOTALS	166	643	
		TOTAL 0010	210	820	

3

TEMPORARY CULVERT PIPE

CATEGORY	STATION	LOCATION	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	520.2024 CULVERT PIPE TEMPORARY 24-INCH LF	* 650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	STATION / OFFSET INLET	STATION / OFFSET OUTLET	ELEVATION INLET	ELEVATION OUTLET
STAGE 2									
0010	704CT+50	CONNECTION RD, RT	2	87	1	704CT+72, 40.6' RT	704CT+32, 109.6' RT	755.53	755.04
		TOTAL 0010	2	88	1				

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

CULVERT PIPE STEEL AND APRON ENDWALLS

			APRON ENDWALLS FOR CULVERT PIPE STEEL				CULVERT PIPE CORRUGATED STEEL				SALVAGED		*				
			521.1018	521.1024	521.1030	521.1717 PIPE ARCH SLOPED SIDE DRAINS 17X13-INCH 6 TO 1	521.3118	521.3124	521.3130	521.3717 PIPE ARCH 17X13-INCH	524.0124 CULVERT PIPE 24-INCH	524.0624 APRON ENDWALLS FOR CULVERT PIPE 24-INCH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS	STEEL THICKNESS	STATION/OFFSET		ELEVATION	
CATEGORY	STATION	LOCATION	18-INCH EACH	24-INCH EACH	30-INCH EACH	EACH	18-INCH LF	24-INCH LF	30-INCH LF	LF	LF	EACH	EACH	INCHES	INLET	OUTLET	INLET	OUTLET
STAGE 1																		
0010	704CT+87	CONNECTION RD	-	2	-	-	-	55	-	-	-	-	1	0.064	704CT+87, 27.8' LT	704CT+87, 27.2' RT	753.71	753.62
		STAGE 1 SUBTOTALS	0	2	0	0	0	55	0	0	0	0	1					
STAGE 2																		
0010	706CT+89	CONNECTION RD	2	-	-	-	76	-	-	-	-	-	1	0.064	707CT+17, 25.8' LT	706CT+62, 25.7' RT	754.95	754.85
0010	707CT+35	CONNECTION RD, LT	2	-	-	-	129	-	-	-	-	-	1	0.064	708CT+41, 66.5' LT	707CT+30, 34.4' LT	754.94	754.65
0010	709CT+30	CONNECTION RD	-	2	-	-	-	59	-	-	-	-	1	0.064	709CT+36, 28.4' LT	709CT+22, 28.9' RT	755.20	755.08
0010	798M+85	MILLWOOD CT, RT	-	-	-	2	-	-	-	34	-	-	1	0.064	799M+03, 26.4' RT	798M+69, 26.1' RT	758.29	758.22
0010	637EGE+25	EVERGREEN AVE, RT	-	2	-	-	-	43	-	-	-	-	1	0.064	636EGE+96, 60.2' RT	637EGE+36, 50.8' RT	750.79	750.00
0010	637EGE+40	EVERGREEN AVE	-	-	2	-	-	-	82	-	-	-	1	0.079	637EGE+47, 29.9' RT	637EGE+30, 50.0' LT	749.30	748.48
0010	637EGE+70	EVERGREEN AVE, RT	-	2	-	-	-	21	-	-	-	-	1	0.064	637EGE+81, 41.9' RT	637EGE+61, 45.5' RT	749.50	749.45
0010	638EGE+30	EVERGREEN AVE, RT	-	2	-	-	-	-	-	-	57	2	1		638EGE+47, 39.9' RT	637EGE+99, 40.0' RT	749.58	749.53
0010	640EGE+00	EVERGREEN AVE, RT	-	2	-	-	-	-	-	-	57	2	1		640EGE+36, 35.3' RT	639EGE+89, 38.9' RT	750.28	749.98
		STAGE 2 SUBTOTALS	4	10	2	2	205	123	82	34	114	4	9					
		TOTAL 0010	4	12	2	2	205	178	82	34	114	4	10					

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

CULVERT PIPE REINFORCED CONCRETE AND APRON ENDWALLS

				CULVERT PIPE REINFORCED CONCRETE						APRON ENDWALLS FOR CULVERT PIPE											
			* 520.8000	522.0118	522.0124	522.0130	522.0148	522.0536	522.2338	521.1509	* 522.1018	* 522.1024	522.1030	* 522.1036	522.2638	633.5200	* 650.6000				
CATEGORY	STATION	LOCATION	CONCRETE COLLARS FOR PIPE EACH	CLASS III 18-INCH LF	CLASS III 24-INCH LF	CLASS III 30-INCH LF	CLASS III 48-INCH LF	CLASS V 36-INCH LF	HORIZONTAL ELLIPTICAL CLASS HE-III 38X60-INCH LF	SLOPED SIDE DRAINS STEEL 48-INCH 4 TO 1 EACH	REINFORCED CONCRETE 18-INCH EACH	REINFORCED CONCRETE 24-INCH EACH	REINFORCED CONCRETE 30-INCH EACH	REINFORCED CONCRETE 36-INCH EACH	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 38X60-INCH EACH	MARKERS CULVERT END EACH	CONSTRUCTION STAKING PIPE CULVERTS EACH	JOINT TIES ** EACH	STATION/OFFSET INLET	STATION/OFFSET OUTLET	ELEVATION INLET	ELEVATION OUTLET
STAGE 1																					
0010	107CE+62	CTH TS, EB	-	-	-	-	-	-	152	-	-	-	-	-	2	-	1	12	107CE+23, 80.8' LT	107CE+86, 57.8' RT	749.60	748.77
		STAGE 1 SUBTOTALS		0	0	0	0	0	152	0	0	0	0	0	2	0	1				
STAGE 2																					
0010	302RB+10	RAMP B	-	-	-	-	-	184	-	-	-	-	-	2	-	2	1	12	302RB+33, 79.5' LT	301RB+87, 99.2' RT	755.49	755.31
0010	519RD+86	RAMP D	-	-	-	164	-	-	-	-	-	-	2	-	-	2	1	12	519RD+49, 74.5' LT	518RD+44, 50.2' RT	755.64	755.38
		STAGE 2 SUBTOTALS	0	0	0	164	0	184	0	0	0	0	2	2	0	4	2				
STAGE 4																					
0010	36NB+41	CTH VV, NB	-	-	-	142	-	-	-	-	-	-	2	-	-	-	1	12	36NB+42, 75.9' LT	36NB+40, 64.8' RT	755.57	755.17
		STAGE 4 SUBTOTALS	0	0	0	142	0	0	0	0	0	0	2	0	0	0	1				
STAGE 6																					
0010	205RA+32	RAMP A	1	42	-	-	-	-	-	-	1	-	-	-	-	1	1	6	205RA+31, 2.0' LT	205RA+34, 38.7' RT	755.95	755.46
0010	489WB+99	STH 29, WB, RT	1	-	-	-	-	-	-	-	-	1	-	-	-	1	1	2		11.8' RT		763.23
0010	525WB+45	STH 29, WB, LT	1	-	-	-	21	-	-	1	-	-	-	-	-	1	1	-	525WB+48, 58.6' LT	525WB+40, 38.7' LT	753.81	753.78
0010	556EB+99	STH 29, EB, LT & RT	2	12	-	-	-	-	-	-	2	-	-	-	-	2	1	2	19.5' LT	61.9' RT	756.51	755.97
0010	562EB+92	STH 29, EB, RT	1	-	6	-	-	-	-	-	-	1	-	-	-	1	1	2	58.3' RT		754.67	
0010	562WB+93	STH 29, WB, LT	1	-	-	-	-	-	-	-	-	1	-	-	-	1	1	2		55.5' LT		754.08
0010	578WB+94	STH 29, WB, LT	1	-	-	-	-	-	-	-	-	-	1	-	-	1	1	2		47.3' LT		751.12
		STAGE 6 SUBTOTALS	8	54	6	0	21	0	0	1	3	3	1	0	0	8	7				
		TOTAL 0010	8	54	6	306	21	184	152	1	3	3	5	2	2	12	11				

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

**JOINT TIES FOR INFORMATION ONLY (NON-PAY ITEM): TIE LAST THREE JOINTS PIPE JOINTS AT ENDWALLS (TWO TIES PER JOINT - 6 TIES MINIMUM PER ENDWALL).

3

STORM SEWER APRON ENDWALLS

					APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE									
					522.1012	* 522.1018	522.1021	* 522.1024	* 522.1036	522.1048	* 633.5200	611.9800.S	* 650.4000 CONSTRUCTION STAKING STORM	
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	12-INCH EACH	18-INCH EACH	21-INCH EACH	24-INCH EACH	36-INCH EACH	48-INCH EACH	MARKERS CULVERT END EACH	PIPE GRATES EACH	SEWER EACH	JOINT TIES ** EACH
STAGE 1														
0010	29A	111CE+06	65.5' RT	CTH TS, EB	-	-	-	-	1	-	-	1	1	6
0010	35A	604EGE+35	36.3' RT	EVERGREEN AVE, EB	1	-	-	-	-	-	-	-	1	6
0010	42A	618EGE+01	38.6' RT	EVERGREEN AVE, EB	-	-	1	-	-	-	-	-	1	6
0010	53	635EGW+29	86' LT	EVERGREEN AVE, WB	-	-	-	-	-	1	-	1	1	6
0010	55	704CT+07	87.8' RT	CONNECTION RD	-	-	-	-	1	-	-	1	1	6
0010	60	208RA+74	53.9' RT	RAMP A	-	-	-	-	1	-	1	-	1	6
0010	62	209RA+14	56.7' LT	RAMP A	-	1	-	-	-	-	1	-	1	6
				STAGE 1 SUBTOTALS	1	1	1	0	3	1	2	3	7	
STAGE 2														
0010	9A	40NB+59	127.3' RT	CTH VV, NB	-	-	-	-	1	-	-	1	1	6
0010	18	58NB+38	51.7' RT	MARLEY ST, NB	-	-	-	1	-	-	-	-	1	6
0010	19C	600EGW+33	58' LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	1	6
				STAGE 2 SUBTOTALS	0	0	0	2	1	0	0	1	3	
STAGE 4														
0010	15	50NB+29	56.4' RT	MARLEY ST, NB	-	-	-	1	-	-	-	-	1	6
0010	16	53NB+27	49.1' RT	MARLEY ST, NB	-	1	-	-	-	-	-	-	1	6
0010	17	56NB+17	48.7' RT	MARLEY ST, NB	-	1	-	-	-	-	-	-	1	6
0010	18	58NB+38	51.7' RT	MARLEY ST, NB	-	-	-	1	-	-	-	-	1	6
				STAGE 4 SUBTOTALS	0	2	0	2	0	0	0	0	4	
				TOTAL 0010	1	3	1	4	4	1	2	4	14	

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

**JOINT TIES FOR INFORMATION ONLY (NON-PAY ITEM): TIE LAST THREE JOINTS PIPE JOINTS AT ENDWALLS (TWO TIES PER JOINT - 6 TIES MINIMUM PER ENDWALL).

3

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	601.0405 18-INCH TYPE A LF	SPV.0090.01 24-INCH TYPE D LF	601.0409 30-INCH TYPE A LF	601.0411 30-INCH TYPE D LF	601.0574 4-INCH SLOPED 30-INCH TYPE G LF	601.0576 4-INCH SLOPED 30-INCH TYPE J LF	601.0580 4-INCH SLOPED 36-INCH TYPE R LF	601.0600 CONCRETE CURB PEDESTRIAN LF
STAGE 1												
0010	601EGE+25	-	623EGE+32	EVERGREEN AVE, EB, LT & RT	-	-	-	4,300	-	-	-	6
0010	601EGW+25	-	623EGW+41	EVERGREEN AVE, WB, LT & RT	-	-	-	4,214	-	-	-	-
0010	610EGW+00	-	611EGW+00	EVERGREEN AVE, WB, LT	-	70	-	-	-	-	-	36
0010	623EGE+32	-	634EGE+74	EVERGREEN AVE, EB, LT & RT	-	-	-	2,132	-	-	-	6
0010	623EGW+41	-	634EGW+75	EVERGREEN AVE, WB, LT & RT	-	-	-	1,980	-	-	-	-
0010	630EGW+00	-	631EGW+00	EVERGREEN AVE, WB, LT	-	75	-	-	-	-	-	36
0010	101CE+25	-	119CE+76	CTH TS, EB, LT & RT	-	-	-	3,814	-	-	-	-
0010	101CW+25	-	119CW+76	CTH TS, WB, LT & RT	-	-	-	3,680	-	-	-	-
				STAGE 1 SUBTOTALS	0	145	0	20,120	0	0	0	84
STAGE 2												
0010	58NB+25	-	59NB+44	MARLEY ST, NB, LT & RT	-	-	-	285	-	-	-	45
0010	58SB+25	-	59SB+20	MARLEY ST, SB, LT & RT	-	-	-	251	-	-	-	-
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	270	-	-	-	-	-	355	-
0010	61NB+13	-	65NB+25	MARLEY ST, NB, LT & RT	-	-	-	725	-	-	-	56
0010	60SB+87	-	65SB+25	MARLEY ST, SB, LT & RT	-	-	-	586	-	100	-	-
0010	597EGE+87	-	598EGE+44	EVERGREEN AVE, EB, LT & RT	-	-	-	165	-	-	-	44
0010	597EGE+87	-	598EGE+44	EVERGREEN AVE, WB, LT & RT	-	-	-	189	-	-	-	-
0010	600EGE+12	-	601EGE+25	EVERGREEN AVE, EB, LT & RT	-	-	-	285	-	-	-	55
0010	600EGW+07	-	601EGW+25	EVERGREEN AVE, WB, LT & RT	-	-	-	274	-	-	-	-
0010	706CT+00		707CT+00	CONNECTION RD, LT	-	-	-	20	-	-	-	-
0010	708CT+00		708CT+50	CONNECTION RD, LT	-	-	-	30	-	-	-	-
				STAGE 2 SUBTOTALS	270	0	0	2,810	0	100	355	200

3

CONCRETE CURB & GUTTER (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	601.0405 18-INCH TYPE A LF	SPV.0090.01 24-INCH TYPE D LF	601.0409 30-INCH TYPE A LF	601.0411 30-INCH TYPE D LF	601.0574 4-INCH SLOPED 30-INCH TYPE G LF	601.0576 4-INCH SLOPED 30-INCH TYPE J LF	601.0580 4-INCH SLOPED 36-INCH TYPE R LF	601.0600 CONCRETE CURB PEDESTRIAN LF
STAGE 4												
0010	27NB+90	-	31NB+58	CTH VV, NB, LT & RT	-	-	-	604	-	-	-	45
0010	29SB+01	-	31SB+58	CTH VV, SB, LT & RT	-	-	-	611	-	-	-	-
0010	10CA+00	-	13CA+64	CTH VV-CTH TS RAB	270	-	-	-	-	-	355	-
0010	100CE+12	-	101CE+25	CTH TS, EB, LT & RT	-	-	-	291	-	-	-	48
0010	100CW+07	-	101CW+25	CTH TS, WB, LT & RT	-	-	-	269	-	-	-	-
0010	33NB+26	-	41NB+81	CTH VV, NB, LT & RT	-	-	-	1,690	-	-	-	98
0010	33NB+26	-	41NB+68	CTH VV, SB, LT & RT	-	-	-	1,700	-	-	-	-
0010	41NB+29	-	41NB+81	CTH VV, NB, LT & RT	-	-	157	-	-	-	-	-
0010	41SB+24	-	41SB+68	CTH VV, SB, LT & RT	-	-	148	-	-	-	-	-
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	270	-	-	-	-	-	355	-
0010	206RA+00	-	216RA+48	RAMP A, LT & RT	-	-	132	-	151	-	-	-
0010	300RB+10	-	311RB+00	RAMP B, LT & RT	-	-	150	-	-	-	-	-
0010	43NB+50	-	45NB+05	CTH VV, NB, LT & RT	-	-	448	-	-	-	-	-
0010	43SB+37	-	44SB+88	CTH VV, SB, LT & RT	-	-	423	-	-	-	-	-
0010	47NB+23	-	48NB+72	MARLEY ST, NB, LT & RT	-	-	421	-	-	-	-	-
0010	47SB+06	-	48SB+59	MARLEY ST, SB, LT & RT	-	-	435	-	-	-	-	-
0010	30CC+00	-	33CC+64	CTH VV-RAMP CD RAB	265	-	-	-	-	-	355	-
0010	400RC+09	-	410RC+00	RAMP C, LT & RT	-	-	180	-	149	-	-	-
0010	514RD+00	-	525RD+72	RAMP D, LT & RT	-	-	64	-	140	-	-	-
0010	50NB+41	-	50NB86	MARLEY ST, NB, LT & RT	-	-	112	-	-	-	-	55
0010	50SB+26	-	50SB+84	MARLEY ST, SB, LT & RT	-	-	80	-	50	-	-	-
0010	50NB+86	-	58NB+25	MARLEY ST, NB, LT & RT	-	-	-	1,485	-	-	-	-
0010	50SB+84	-	58SB+25	MARLEY ST, SB, LT & RT	-	-	-	1,450	-	25	-	-
				STAGE 4 SUBTOTALS	805	0	2,750	8,100	490	25	1,065	246
				TOTAL 0010	1,075	145	2,750	31,030	490	125	1,420	530

CONCRETE SIDEWALK ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	* 405.0100 COLORING CONCRETE WISDOT RED CY	405.1000 STAMPING COLORED CONCRETE CY	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
STAGE 1										
0010	601EGE+25	-	623EGE+32	EVERGREEN AVE, EB, RT	-	-	10,685	-	125	29
0010	601EGW+25	-	623EGW+41	EVERGREEN AVE, WB, LT	-	-	10,820	-	175	46
0010	623EGE+32	-	634EGE+74	EVERGREEN AVE, EB, RT	-	-	5,600	-	175	41
0010	623EGW+41	-	634EGW+75	EVERGREEN AVE, WB, LT	-	-	5,270	-	175	58
0010	623EGE+78	-	626EGE+43	EVERGREEN AVE, MEDIAN	14	14	1,850	-	-	-
0010	101CE+25	-	119CE+76	CTH TS, EB, RT	-	-	9,700	-	-	-
0010	101CW+25	-	119CW+76	CTH TS, WB, LT	-	-	9,050	-	-	-
0010	101CE+33	-	102CE+73	CTH TS, MEDIAN	16	16	2,225	-	-	-
				STAGE 1 SUBTOTALS	30	30	55,200	0	650	174
STAGE 2										
0010	58NB+25	-	59NB+44	MARLEY ST, NB, RT	-	-	190	680	160	16
0010	58SB+25	-	59SB+20	MARLEY ST, SB, LT	-	-	160	780	150	16
0010	59NB+23	-	59NB+44	MARLEY ST, MEDIAN	3	-	420	-	180	32
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	17	17	2,360	-	-	-
0010	61NB+13	-	64NB+25	MARLEY ST, NB, RT	-	-	1,130	910	210	28
0010	60SB+87	-	65SB+25	MARLEY ST, SB, LT	-	-	1,280	830	220	52
0010	61NB+13	-	61NB+37	MARLEY ST, MEDIAN	4	4	510	-	225	32
0010	597EGE+97	-	598EGE+43	EVERGREEN AVE, EB, RT	-	-	-	340	80	16
0010	597EGE+97	-	598EGE+43	EVERGREEN AVE, WB, LT	-	-	-	470	80	16
0010	597EGE+77	-	598EGE+44	EVERGREEN AVE, MEDIAN	7	7	910	-	175	32
0010	600EGE+12	-	601EGE+25	EVERGREEN AVE, EB, RT	-	-	240	840	150	16
0010	600EGW+07	-	601EGW+25	EVERGREEN AVE, WB, LT	-	-	170	610	155	16
0010	600EGE+12	-	600EGE+37	EVERGREEN AVE, MEDIAN	4	4	500	-	215	32
				STAGE 2 SUBTOTALS	35	32	7,870	5,460	2,000	304

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

CONCRETE SIDEWALK ITEMS (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	* 405.0100 COLORING CONCRETE WISDOT RED CY	405.1000 STAMPING COLORED CONCRETE CY	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0415 CONCRETE SIDEWALK 6-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
STAGE 4										
0010	30NB+64	-	31NB+58	CTH VV, NB, RT	-	-	-	520	130	16
0010	30SB+79	-	31SB+58	CTH VV, SB, LT	-	-	-	1,030	115	16
0010	29NB+65	-	31NB+58	CTH VV, MEDIAN	12	12	1,620	-	175	32
0010	10CA+00	-	13CA+64	CTH VV-CTH TS RAB	17	-	2,360	-		-
0010	100CE+12	-	101CE+25	CTH TS, EB, RT	-	-	210	850	150	16
0010	100CW+07	-	101CW+25	CTH TS, WB, LT	-	-	175	610	155	16
0010	100CE+12	-	101CE+25	CTH TS, MEDIAN	-	-	1,420	-	195	32
0010	33NB+26	-	41NB+81	CTH VV, NB, RT	-	-	3,705	1,530	315	16
0010	33NB+26	-	41NB+68	CTH VV, SB, LT	-	-	3,325	2,050	290	16
0010	33NB+26	-	41NB+81	CTH VV, MEDIAN	53	53	7,315	-	390	32
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	16	-	2,315	-	-	-
0010	216RA+25	-	216RA+48	RAMP A, LT & RT	-	-	-	1,270	65	32
0010	300RB+10	-	300RB+50	RAMP B, LT & RT	-	-	-	1,580	110	32
0010	43NB+50	-	45NB+05	CTH VV, NB, RT	-	-	-	2,210	-	-
0010	43SB+37	-	44SB+88	CTH VV, SB, LT	-	-	-	2,080	-	-
0010	43NB+50	-	45NB+05	CTH VV, MEDIAN	11	11	1,355	-	-	-
0010	47NB+23	-	48NB+72	MARLEY ST, NB, RT	-	-	-	1,120	-	-
0010	47SB+06	-	48SB+59	MARLEY ST, SB, LT	-	-	-	1,220	-	-
0010	47NB+23	-	48NB+72	MARLEY ST, MEDIAN	10	10	1,350	-	-	-
0010	30CC+00	-	33CC+64	CTH VV-RAMP CD RAB	17	-	2,300	-	-	-
0010	400RC+09	-	400RC+50	RAMP C, LT & RT	-	-	-	1,420	60	32
0010	525RD+25	-	525RD+72	RAMP D, LT & RT	-	-	-	1,460	110	32
0010	50NB+41	-	58NB+25	MARLEY ST, NB, RT	-	-	3,650	1,250	150	16
0010	50SB+26	-	58SB+25	MARLEY ST, SB, LT	-	-	3,420	890	70	16
0010	50NB+41	-	50NB+66	MARLEY ST, MEDIAN	4	4	510	-	220	32
				STAGE 4 SUBTOTALS	140	90	35,030	21,090	2,700	384
				TOTAL 0010	205	152	98,100	26,550	5,350	862

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE

					STORM SEWER PIPE REINFORCED CONCRETE										
				* 520.8000 CONCRETE COLLARS FOR PIPE	608.0312 CLASS III 12-INCH	608.0315 CLASS III 15-INCH	* 608.0318 CLASS III 18-INCH	608.0324 CLASS III 24-INCH	608.0330 CLASS III 30-INCH	608.0336 CLASS III 36-INCH	608.0348 CLASS III 48-INCH	608.0412 CLASS IV 12-INCH	608.0415 CLASS IV 15-INCH	608.0418 CLASS IV 18-INCH	608.0421 CLASS IV 21-INCH
CATEGORY	FROM		TO	LOCATION	EACH	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
STAGE 1																
0010	23	-	24	CTH TS	-	-	-	-	297	-	-	-	-	-	-	-
0010	23A	-	23B	CTH TS	-	-	-	20	-	-	-	-	-	-	-	-
0010	23B	-	23C	CTH TS	-	-	-	21	-	-	-	-	-	-	-	-
0010	23C	-	23D	CTH TS	-	-	-	20	-	-	-	-	-	-	-	-
0010	23D	-	23	CTH TS	-	-	-	7	-	-	-	-	-	-	-	-
0010	24	-	25	CTH TS	-	-	-	-	-	125	-	-	-	-	-	-
0010	24A	-	24B	CTH TS	-	-	-	-	-	-	-	-	20	-	-	-
0010	24B	-	24C	CTH TS	-	-	-	-	-	-	-	-	-	20	-	-
0010	24C	-	24D	CTH TS	-	-	-	-	-	-	-	-	-	-	21	-
0010	24D	-	24	CTH TS	-	-	-	-	-	-	-	-	-	-	6	-
0010	25	-	26	CTH TS	-	-	-	-	-	104	-	-	-	-	-	-
0010	26	-	27	CTH TS	-	-	-	-	-	95	-	-	-	-	-	-
0010	27	-	28	CTH TS	-	-	-	-	-	113	-	-	-	-	-	-
0010	27A	-	27B	CTH TS	-	-	-	-	-	-	-	-	21	-	-	-
0010	27B	-	27C	CTH TS	-	-	-	-	-	-	-	-	-	20	-	-
0010	27C	-	27D	CTH TS	-	-	-	-	-	-	-	-	-	-	21	-
0010	27D	-	27	CTH TS	-	-	-	-	-	-	-	-	-	-	7	-
0010	28	-	29	CTH TS	-	-	-	-	-	89	-	-	-	-	-	-
0010	29	-	30	CTH TS	-	-	-	-	135	-	-	-	-	-	-	-
0010	29	-	29A	CTH TS	-	-	-	-	-	-	41	-	-	-	-	-
0010	30	-	31	CTH TS	-	-	-	-	108	-	-	-	-	-	-	-
0010	30A	-	30B	CTH TS	-	-	-	-	-	-	-	-	10	-	-	-
0010	30B	-	30C	CTH TS	-	-	-	-	-	-	-	-	-	20	-	-
0010	30C	-	30D	CTH TS	-	-	-	-	-	-	-	-	-	33	-	-
0010	30D	-	30E	CTH TS	-	-	-	-	-	-	-	-	-	-	20	-
0010	30E	-	30F	CTH TS	-	-	-	-	-	-	-	-	10	-	-	-
0010	30E	-	30	CTH TS	-	-	-	-	-	-	-	-	-	-	9	-
0010	31	-	32	CTH TS	-	-	-	-	126	-	-	-	-	-	-	-
0010	32	-	33	CTH TS	-	-	-	-	295	-	-	-	-	-	-	-
0010	33A	-	33B	CTH TS	-	-	-	-	-	-	-	-	10	-	-	-
0010	33B	-	33C	CTH TS	-	-	-	-	-	-	-	-	-	20	-	-
0010	33C	-	33D	CTH TS	-	-	-	-	-	-	-	-	-	27	-	-
0010	33D	-	33E	CTH TS	-	-	-	-	-	-	-	-	-	-	20	-
0010	33E	-	33F	CTH TS	-	-	-	-	-	-	-	-	10	-	-	-
0010	33E	-	33	CTH TS	-	-	-	-	-	-	-	-	-	-	9	-
0010	34	-	35	EVERGREEN AVE	-	-	-	-	-	208	-	-	-	-	-	-
0010	34A	-	SOUTH	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	16
0010	34A	-	34B	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	20
0010	34B	-	34C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	19
0010	34C	-	34D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	20

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE (CONTINUED)

					STORM SEWER PIPE REINFORCED CONCRETE											
				* 520.8000	608.0312	608.0315	* 608.0318	608.0324	608.0330	608.0336	608.0348	608.0412	608.0415	608.0418	608.0421
				CONCRETE COLLARS FOR PIPE	CLASS III 12-INCH	CLASS III 15-INCH	CLASS III 18-INCH	CLASS III 24-INCH	CLASS III 30-INCH	CLASS III 36-INCH	CLASS III 48-INCH	CLASS IV 12-INCH	CLASS IV 15-INCH	CLASS IV 18-INCH	CLASS IV 21-INCH
CATEGORY	FROM		TO	LOCATION	EACH	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
STAGE 1 CONTINUED																
0010	34D	-	34	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	8
0010	35	-	36	EVERGREEN AVE	-	-	-	-	-	176	-	-	-	-	-	-
0010	35A	-	35C	EVERGREEN AVE	-	-	-	-	-	-	-	-	18	-	-	-
0010	35C	-	35B	EVERGREEN AVE	-	-	-	-	-	-	-	-	10	-	-	-
0010	35C	-	35D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	20	-	-
0010	35D	-	35E	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	35E	-	35F	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	35F	-	35G	EVERGREEN AVE	-	-	-	-	-	-	-	-	10	-	-	-
0010	35F	-	35	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	8	-
0010	36	-	37	EVERGREEN AVE	-	-	-	-	-	206	-	-	-	-	-	-
0010	37	-	38	EVERGREEN AVE	-	-	-	-	-	180	-	-	-	-	-	-
0010	38	-	39	EVERGREEN AVE	-	-	-	-	-	-	188	-	-	-	-	-
0010	38A	-	38B	EVERGREEN AVE	-	-	-	-	-	-	-	-	32	-	-	-
0010	38B	-	38C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	9	-	-
0010	38C	-	38D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	38D	-	38	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	39	-	40	EVERGREEN AVE	-	-	-	-	-	-	191	-	-	-	-	-
0010	40	-	41	EVERGREEN AVE	-	-	-	-	-	-	283	-	-	-	-	-
0010	40A	-	40B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	40B	-	40C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	40C	-	40D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	40D	-	40	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	10	-
0010	41	-	42	EVERGREEN AVE	-	-	-	-	-	-	203	-	-	-	-	-
0010	41A	-	41B	EVERGREEN AVE	-	-	-	-	-	-	-	-	10	-	-	-
0010	41B	-	41C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	20	-	-
0010	41C	-	41D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	41D	-	41E	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	41E	-	41F	EVERGREEN AVE	-	-	-	-	-	-	-	-	10	-	-	-
0010	41E	-	41	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	8	-
0010	42	-	43	EVERGREEN AVE	-	-	-	-	-	-	155	-	-	-	-	-
0010	42A	-	42B	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	20
0010	42B	-	42C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	20
0010	42C	-	42D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	21
0010	42D	-	42E	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	20
0010	42E	-	42	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	-	7
0010	43	-	44	EVERGREEN AVE	-	-	-	-	-	-	156	-	-	-	-	-
0010	44	-	45	EVERGREEN AVE	-	-	-	-	-	-	156	-	-	-	-	-
0010	45	-	46	EVERGREEN AVE	-	-	-	-	-	-	-	100	-	-	-	-
0010	45A	-	45B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	45B	-	45C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE (CONTINUED)

					STORM SEWER PIPE REINFORCED CONCRETE											
				* 520.8000 CONCRETE COLLARS FOR PIPE	608.0312 CLASS III 12-INCH	608.0315 CLASS III 15-INCH	* 608.0318 CLASS III 18-INCH	608.0324 CLASS III 24-INCH	608.0330 CLASS III 30-INCH	608.0336 CLASS III 36-INCH	608.0348 CLASS III 48-INCH	608.0412 CLASS IV 12-INCH	608.0415 CLASS IV 15-INCH	608.0418 CLASS IV 18-INCH	608.0421 CLASS IV 21-INCH
CATEGORY	FROM		TO	LOCATION	EACH	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
STAGE 1 CONTINUED																
0010	45C	-	45D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	31	-
0010	45D	-	45	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	14	-
0010	46	-	47	EVERGREEN AVE	-	-	-	-	-	-	-	135	-	-	-	-
0010	46A	-	46B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	46B	-	46C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	10	-	-
0010	46C	-	46D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	32	-
0010	46D	-	46	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	47	-	48	EVERGREEN AVE	-	-	-	-	-	-	-	148	-	-	-	-
0010	48	-	49	EVERGREEN AVE	-	-	-	-	-	-	-	287	-	-	-	-
0010	48A	-	SOUTH	EVERGREEN AVE	-	-	-	-	-	-	-	-	16	-	-	-
0010	48A	-	48B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	48B	-	48C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	48C	-	48D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	48D	-	48	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	49	-	50	EVERGREEN AVE	-	-	-	-	-	-	-	238	-	-	-	-
0010	49A	-	49B	EVERGREEN AVE	-	-	-	-	-	-	-	-	32	-	-	-
0010	49B	-	49C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	9	-	-
0010	49C	-	49D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	49D	-	49	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	50	-	51	EVERGREEN AVE	-	-	-	-	-	-	-	242	-	-	-	-
0010	50A	-	SOUTH	EVERGREEN AVE	-	-	-	-	-	-	-	-	16	-	-	-
0010	50A	-	50B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	50B	-	50C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	50C	-	50D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	50D	-	50	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	51	-	52	EVERGREEN AVE	-	-	-	-	-	-	-	33	-	-	-	-
0010	51A	-	51B	EVERGREEN AVE	-	-	-	-	-	-	-	-	20	-	-	-
0010	51B	-	51C	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	-
0010	51C	-	51D	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	20	-
0010	51D	-	51	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	-	9	-
0010	52	-	53	EVERGREEN AVE	-	-	-	-	-	-	-	66	-	-	-	-
0010	54	-	45	CONNECTION RD	-	-	-	-	-	-	263	-	-	-	-	-
0010	55	-	54	CONNECTION RD	-	-	-	-	-	-	242	-	-	-	-	-
0010	60	-	61	RAMP A	-	-	-	-	-	-	94	-	-	-	-	-
0010	61	-	62	RAMP A	-	-	-	47	-	-	-	-	-	-	-	-
0010	61	-	NORTH	RAMP A	1	-	-	-	-	13	-	-	-	-	-	-
				STAGE 1 SUBTOTALS	1	0	0	115	961	1,309	1,972	1,249	355	355	430	171

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE (CONTINUED)

					STORM SEWER PIPE REINFORCED CONCRETE										
				* 520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 CLASS III 12-INCH LF	608.0315 CLASS III 15-INCH LF	* 608.0318 CLASS III 18-INCH LF	608.0324 CLASS III 24-INCH LF	608.0330 CLASS III 30-INCH LF	608.0336 CLASS III 36-INCH LF	608.0348 CLASS III 48-INCH LF	608.0412 CLASS IV 12-INCH LF	608.0415 CLASS IV 15-INCH LF	608.0418 CLASS IV 18-INCH LF	608.0421 CLASS IV 21-INCH LF
CATEGORY	FROM		TO	LOCATION											
STAGE 2															
0010	8	-	9	CTH VV	-	-	-	-	151	-	-	-	-	-	-	-
0010	9	-	9A	CTH VV	-	-	-	-	-	-	20	-	-	-	-	-
0010	18A	-	18B	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	18B	-	18D	MARLEY ST	-	-	-	-	-	-	-	-	-	20	-	-
0010	18C	-	18D	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	18D	-	18F	MARLEY ST	-	-	-	-	-	-	-	-	-	-	9	-
0010	18E	-	18F	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	18F	-	18H	MARLEY ST	-	-	-	-	-	-	-	-	-	-	21	-
0010	18G	-	18H	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	18H	-	18	MARLEY ST	-	-	-	-	32	-	-	-	-	-	-	-
0010	19A	-	19B	MARLEY ST	-	-	-	-	-	-	-	-	115	-	-	-
0010	19B	-	19	MARLEY ST	-	-	-	-	-	-	-	-	-	45	-	-
0010	19C	-	19	MARLEY ST	-	-	-	-	33	-	-	-	-	-	-	-
0010	19	-	34	EVERGREEN AVE	-	-	-	-	-	177	-	-	-	-	-	-
0010	19	-	20	MARLEY ST	-	-	-	-	58	-	-	-	-	-	-	-
0010	20	-	21	MARLEY ST	-	-	-	-	279	-	-	-	-	-	-	-
0010	20A	-	20B	MARLEY ST	-	-	-	-	-	-	-	-	7	-	-	-
0010	20B	-	20C	MARLEY ST	-	-	-	-	-	-	-	-	-	74	-	-
0010	20C	-	20D	MARLEY ST	-	-	-	-	-	-	-	-	-	-	123	-
0010	20D	-	20E	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	20D	-	20F	MARLEY ST	-	-	-	-	-	-	-	-	50	-	-	-
0010	20D	-	20	MARLEY ST	-	-	-	-	-	-	-	-	34	-	-	-
0010	21	-	22	MARLEY ST	-	-	-	-	-	-	-	-	-	-	119	-
0010	21A	-	21	MARLEY ST	-	-	-	-	-	-	-	-	-	-	8	-
0010	21B	-	21A	MARLEY ST	-	-	-	-	-	-	-	-	-	-	29	-
0010	21C	-	21B	MARLEY ST	-	-	-	-	-	-	-	-	-	7	-	-
0010	21D	-	21C	MARLEY ST	-	-	-	-	-	-	-	-	19	-	-	-
0010	22A	-	22	MARLEY ST	-	-	-	-	-	-	-	-	-	10	-	-
0010	22B	-	22C	MARLEY ST	-	-	-	-	-	-	-	-	-	10	-	-
0010	22C	-	22	MARLEY ST	-	-	-	-	-	-	-	-	-	51	-	-
				STAGE 2 SUBTOTALS	0	0	0	0	553	177	20	0	275	217	309	0
STAGE 4															
0010	1	-	2	CTH VV	-	-	-	-	-	-	-	-	-	-	193	-
0010	1B	-	1	CTH VV	-	-	-	-	-	-	-	-	13	-	-	-
0010	1C	-	1D	CTH VV	-	-	-	-	-	-	-	-	20	-	-	-
0010	1D	-	1E	CTH VV	-	-	-	-	-	-	-	-	-	7	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE (CONTINUED)

						STORM SEWER PIPE REINFORCED CONCRETE										
				*			*									
				520.8000	608.0312	608.0315	608.0318	608.0324	608.0330	608.0336	608.0348	608.0412	608.0415	608.0418	608.0421
				CONCRETE COLLARS FOR PIPE	CLASS III 12-INCH	CLASS III 15-INCH	CLASS III 18-INCH	CLASS III 24-INCH	CLASS III 30-INCH	CLASS III 36-INCH	CLASS III 48-INCH	CLASS IV 12-INCH	CLASS IV 15-INCH	CLASS IV 18-INCH	CLASS IV 21-INCH
CATEGORY	FROM		TO	LOCATION	EACH	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
STAGE 4 CONTINUED																
0010	1E	-	1	CTH VV	-	-	-	-	-	-	-	-	-	-	8	-
0010	2	-	3	CTH VV	-	-	-	99	-	-	-	-	-	-	-	-
0010	2A	-	2	CTH VV	-	51	-	-	-	-	-	-	-	-	-	-
0010	3	-	4	CTH VV	-	-	-	-	37	-	-	-	-	-	-	-
0010	3	-	23	CTH TS	-	-	-	-	281	-	-	-	-	-	-	-
0010	4	-	5	CTH VV	-	-	-	112	-	-	-	-	-	-	-	-
0010	4A	-	4B	CTH VV	-	10	-	-	-	-	-	-	-	-	-	-
0010	4B	-	4	CTH VV	-	-	39	-	-	-	-	-	-	-	-	-
0010	5	-	6	CTH VV	-	-	-	66	-	-	-	-	-	-	-	-
0010	6A	-	6	CTH VV	-	33	-	-	-	-	-	-	-	-	-	-
0010	6B	-	6	CTH VV	-	-	-	-	-	-	-	10	-	-	-	-
0010	6C	-	6D	CTH VV	-	10	-	-	-	-	-	-	-	-	-	-
0010	6C	-	6E	CTH VV	-	-	20	-	-	-	-	-	-	-	-	-
0010	6E	-	6	CTH VV	-	-	-	15	-	-	-	-	-	-	-	-
0010	7	-	8	CTH VV	-	-	-	-	302	-	-	-	-	-	-	-
0010	7A	-	7B	CTH VV	-	20	-	-	-	-	-	-	-	-	-	-
0010	7B	-	7C	CTH VV	-	-	9	-	-	-	-	-	-	-	-	-
0010	7C	-	7D	CTH VV	-	-	-	20	-	-	-	-	-	-	-	-
0010	7D	-	7	CTH VV	-	-	-	-	7	-	-	-	-	-	-	-
0010	8A	-	8B	CTH VV	-	20	-	-	-	-	-	-	-	-	-	-
0010	8B	-	8C	CTH VV	-	-	9	-	-	-	-	-	-	-	-	-
0010	8C	-	8D	CTH VV	-	-	-	20	-	-	-	-	-	-	-	-
0010	8D	-	8E	CTH VV	-	-	-	-	7	-	-	-	-	-	-	-
0010	8E	-	8	CTH VV	-	-	-	-	77	-	-	-	-	-	-	-
0010	9	-	10	CTH VV	-	-	-	-	114	-	-	-	-	-	-	-
0010	10	-	11	CTH VV	-	-	-	124	-	-	-	-	-	-	-	-
0010	10A	-	10B	CTH VV	-	52	-	-	-	-	-	-	-	-	-	-
0010	10B	-	10C	CTH VV	-	-	10	-	-	-	-	-	-	-	-	-
0010	10C	-	10D	CTH VV	-	-	-	38	-	-	-	-	-	-	-	-
0010	10D	-	10	CTH VV	-	-	-	58	-	-	-	-	-	-	-	-
0010	11	-	12	CTH VV	-	-	-	117	-	-	-	-	-	-	-	-
0010	11A	-	11	CTH VV	-	16	-	-	-	-	-	-	-	-	-	-
0010	12	-	12E	CTH VV	-	-	117	-	-	-	-	-	-	-	-	-
0010	12A	-	12B	CTH VV	-	7	-	-	-	-	-	-	-	-	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER PIPES REINFORCED CONCRETE (CONTINUED)

					STORM SEWER PIPE REINFORCED CONCRETE										
				* 520.8000 CONCRETE COLLARS FOR PIPE	608.0312 CLASS III 12-INCH	608.0315 CLASS III 15-INCH	* 608.0318 CLASS III 18-INCH	608.0324 CLASS III 24-INCH	608.0330 CLASS III 30-INCH	608.0336 CLASS III 36-INCH	608.0348 CLASS III 48-INCH	608.0412 CLASS IV 12-INCH	608.0415 CLASS IV 15-INCH	608.0418 CLASS IV 18-INCH	608.0421 CLASS IV 21-INCH
CATEGORY	FROM		TO	LOCATION	EACH	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
STAGE 4 CONTINUED																
0010	12B	-	12C	CTH VV	-	31	-	-	-	-	-	-	-	-	-	-
0010	12C	-	12	CTH VV	-	-	28	-	-	-	-	-	-	-	-	-
0010	12D	-	12E	CTH VV	-	41	-	-	-	-	-	-	-	-	-	-
0010	13	-	14	MARLEY ST	-	-	-	-	-	-	-	-	-	-	35	-
0010	13A	-	13B	MARLEY ST	-	-	-	-	-	-	-	-	113	-	-	-
0010	13B	-	13	MARLEY ST	-	-	-	-	-	-	-	-	-	56	-	-
0010	13C	-	13	MARLEY ST	-	-	-	-	-	-	-	-	10	-	-	-
0010	14A	-	14B	MARLEY ST	-	-	-	-	-	-	-	-	110	-	-	-
0010	14B	-	14	MARLEY ST	-	-	-	-	-	-	-	-	-	62	-	-
0010	14	-	15	MARLEY ST	-	-	-	-	28	-	-	-	-	-	-	-
0010	16A	-	16B	MARLEY ST	-	-	-	-	-	-	-	-	20	-	-	-
0010	16B	-	16C	MARLEY ST	-	-	-	-	-	-	-	-	-	9	-	-
0010	16C	-	16D	MARLEY ST	-	-	-	-	-	-	-	-	-	-	20	-
0010	16D	-	16	MARLEY ST	-	-	-	-	-	-	-	-	-	-	31	-
0010	17A	-	17B	MARLEY ST	-	-	-	-	-	-	-	-	20	-	-	-
0010	17B	-	17C	MARLEY ST	-	-	-	-	-	-	-	-	-	9	-	-
0010	17C	-	17D	MARLEY ST	-	-	-	-	-	-	-	-	-	-	20	-
0010	17D	-	17	MARLEY ST	-	-	-	-	-	-	-	-	-	-	30	-
				STAGE 4 SUBTOTALS	0	291	232	669	853	0	0	0	316	143	337	0
STAGE 6																
0010	70	-	NORTH	STH 29	1	-	-	-	6	-	-	-	-	-	-	-
0010	70	-	SOUTH	STH 29	1	-	-	-	6	-	-	-	-	-	-	-
0010	71	-	NORTH	STH 29	1	-	-	-	-	6	-	-	-	-	-	-
0010	71	-	SOUTH	STH 29	1	-	-	-	-	6	-	-	-	-	-	-
				STAGE 6 SUBTOTALS	4	0	0	0	12	12	0	0	0	0	0	0
				TOTAL 0010	5	291	232	784	2,379	1,498	1,992	1,249	946	715	1,076	171

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

STORM SEWER COVERS

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 1										
0010	23	103CE+06	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	23A	103CW+00	18.5' LT	CTH TS, WB	-	-	1	-	-	-
0010	23B	103CW+00	1.5' RT	CTH TS, WB	-	-	1	-	-	-
0010	23C	103CE+06	1.5' LT	CTH TS, EB	-	-	1	-	-	-
0010	23D	103CE+06	18.5' RT	CTH TS, EB	-	-	1	-	-	-
0010	24	106CE+04	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	24A	106CW+00	18.5' LT	CTH TS, WB	-	-	1	-	-	-
0010	24B	106CW+00	1.5' RT	CTH TS, WB	-	-	1	-	-	-
0010	24C	106CE+04	1.5' LT	CTH TS, EB	-	-	1	-	-	-
0010	24D	106CE+04	18.5' RT	CTH TS, EB	-	-	1	-	-	-
0010	25	107CE+25	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	26	108CE+25	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	27	109CE+17	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	27A	109CW+00	18.5' LT	CTH TS, WB	-	-	1	-	-	-
0010	27B	109CW+00	1.5' RT	CTH TS, WB	-	-	1	-	-	-
0010	27C	109CE+16	1.5' LT	CTH TS, EB	-	-	1	-	-	-
0010	27D	109CE+16	18.5' RT	CTH TS, EB	-	-	1	-	-	-
0010	28	110CE+25	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	29	111CE+10	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	30	112CE+39	27.9' RT	CTH TS, EB	1	-	-	-	-	-
0010	30A	112CW+24	18.5' LT	CTH TS, WB	-	-	1	-	-	-
0010	30B	112CW+34	18.5' LT	CTH TS, WB	-	-	-	1	-	-
0010	30C	112CW+34	1.5' RT	CTH TS, WB	-	-	-	1	-	-
0010	30D	112CE+39	1.5' LT	CTH TS, EB	-	-	-	1	-	-
0010	30E	112CE+39	18.5' RT	CTH TS, EB	-	-	-	1	-	-
0010	30F	112CE+30	18.5' RT	CTH TS, EB	-	-	1	-	-	-
0010	31	113CE+43	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	32	114CE+64	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	33	117CE+14	27.3' RT	CTH TS, EB	1	-	-	-	-	-
0010	33A	117CW+22	18.5' LT	CTH TS, WB	-	-	1	-	-	-
0010	33B	117CW+32	18.5' LT	CTH TS, WB	-	-	-	1	-	-
0010	33C	117CW+32	1.5' RT	CTH TS, WB	-	-	-	1	-	-
0010	33D	117CE+14	1.5' LT	CTH TS, EB	-	-	-	1	-	-
0010	33E	117CE+14	18.5' RT	CTH TS, EB	-	-	-	1	-	-
0010	33F	117CE+04	18.5' RT	CTH TS, EB	-	-	1	-	-	-
0010	34	602EGW+25	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	34A	602EGE+34	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	34B	602EGE+34	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	34C	602EGW+25	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	34D	602EGW+25	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER COVERS (CONTINUED)

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 1 CONTINUED										
0010	35	604EGW+29	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	35B	604EGE+43	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	35C	604EGE+32	18.5' RT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	35D	604EGE+32	1.5' LT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	35E	604EGW+29	1.5' RT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	35F	604EGW+29	18.5' LT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	35G	604EGW+38	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	36	606EGW+00	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	37	608EGW+00	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	38	609EGW+74	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	38A	609EGE+64	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	38B	609EGE+64	13.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	38C	609EGW+74	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	38D	609EGW+74	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	39	611EGW+57	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	40	613EGW+42	28.5' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	40A	613EGE+21	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	40B	613EGE+21	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	40C	613EGW+42	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	40D	613EGW+42	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	41	616EGW+22	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	41A	615EGE+88	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	41B	615EGE+98	18.5' RT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	41C	615EGE+98	1.5' LT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	41D	616EGW+22	1.5' RT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	41E	616EGW+22	18.5' LT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	41F	616EGW+12	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	42	618EGW+25	25' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	42B	618EGE+01	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	42C	618EGE+01	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	42D	618EGW+25	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	42E	618EGW+25	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	43	619EGW+85	25' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	44	621EGW+46	25' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	45	623EGW+07	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	45A	622EGE+60	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	45B	622EGE+60	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	45C	622EGW+71	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	45D	622EGW+96	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	46	624EGW+11	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER COVERS (CONTINUED)

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 1 CONTINUED										
0010	46A	624EGE+07	18.5' RT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	46B	624EGE+07	1.5' LT	EVERGREEN AVE, EB	-	-	-	1	-	-
0010	46C	624EGW+11	13.5' RT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	46D	624EGW+11	18.5' LT	EVERGREEN AVE, WB	-	-	-	1	-	-
0010	47	625EGW+50	25' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	48	627EGW+00	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	48A	627EGE+00	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	48B	627EGE+00	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	48C	627EGW+00	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	48D	627EGW+00	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	49	629EGW+87	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	49A	629EGE+86	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	49B	629EGE+86	13.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	49C	629EGW+87	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	49D	629EGW+87	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	50	632EGW+25	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	50A	632EGE+25	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	50B	632EGE+25	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	50C	632EGW+25	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	50D	632EGW+25	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	51	634EGW+67	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	51A	634EGE+66	18.5' RT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	51B	634EGE+66	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	51C	634EGW+67	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	51D	634EGW+67	18.5' LT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	52	635EGW+00	27' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	54	702CT+11	35' RT	CONNECTION RD	1	-	-	-	-	-
0010	61	208RA+71	40.3' LT	RAMP A	1	-	-	-	-	-
				STAGE 1 SUBTOTALS	32	0	56	20	0	0
STAGE 2										
0010	8	39NB+30	101.5' RT	CTH VV, NB	1	-	-	-	-	-
0010	9	40NB+60	107.8' RT	CTH VV, NB	1	-	-	-	-	-
0010	18A	58SB+25	19.3' LT	MARLEY ST, SB	-	-	-	1	-	-
0010	18B	58SB+15	19' LT	MARLEY ST, SB	-	-	1	-	-	-
0010	18C	58SB+25	1.5' RT	MARLEY ST, SB	-	-	-	1	-	-
0010	18D	58SB+15	1.5' RT	MARLEY ST, SB	-	-	1	-	-	-
0010	18E	58NB+32	1.5' LT	MARLEY ST, NB	-	-	1	-	-	-
0010	18F	58NB+42	1.5' LT	MARLEY ST, NB	-	-	-	1	-	-
0010	18G	58NB+28	19.3' RT	MARLEY ST, NB	-	-	1	-	-	-
0010	18H	58NB+38	19.6' RT	MARLEY ST, NB	-	-	-	1	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER COVERS (CONTINUED)

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 2 CONTINUED										
0010	19	600EGW+40	25.5' LT	EVERGREEN AVE, WB	1	-	-	-	-	-
0010	19A	42CD+95	21.5' RT	MARLEY-EVERGREEN RAB	-	-	1	-	-	-
0010	19B	40CD+25	21.5' RT	MARLEY-EVERGREEN RAB	-	-	1	-	-	-
0010	20	40CD+62	32.4' RT	MARLEY-EVERGREEN RAB	1	-	-	-	-	-
0010	20A	597EGE+76	1.5' LT	EVERGREEN AVE, EB	-	-	1	-	-	-
0010	20B	597EGW+79	1.5' RT	EVERGREEN AVE, WB	-	-	1	-	-	-
0010	20C	41CD+91	21.5' RT	MARLEY-EVERGREEN RAB	-	-	1	-	-	-
0010	20D	40CD+60	1.7' LT	MARLEY-EVERGREEN RAB	-	-	-	-	-	1
0010	20E	40CD+50	2' LT	MARLEY-EVERGREEN RAB	-	-	-	-	-	1
0010	20F	40CD+99	21.5' RT	MARLEY-EVERGREEN RAB	-	-	1	-	-	-
0010	21	63NB+58	25.8' RT	MARLEY ST, NB	1	-	-	-	-	-
0010	21A	63NB+57	17.8' RT	MARLEY ST, NB	-	-	1	-	-	-
0010	21B	63NB+58	11.5' LT	MARLEY ST, NB	-	-	1	-	-	-
0010	21C	63SB+27	1.5' RT	MARLEY ST, SB	-	-	1	-	-	-
0010	21D	63SB+27	17.5' LT	MARLEY ST, SB	-	-	1	-	-	-
0010	22	64NB+78	17.5' RT	MARLEY ST, NB	-	-	1	-	-	-
0010	22A	64NB+88	17.5' RT	MARLEY ST, NB	-	-	-	1	-	-
0010	22B	64SB+61	17.5' LT	MARLEY ST, SB	-	-	-	1	-	-
0010	22C	64SB+51	17.5' LT	MARLEY ST, SB	-	-	1	-	-	-
				STAGE 2 SUBTOTALS	5	0	16	6	0	2
STAGE 4										
0010	1	29NB+67	5.1' RT	CTH VV, NB	1	-	-	-	-	-
0010	1A	29NB+00	30.8' RT	CTH VV, NB	-	1	-	-	-	-
0010	1B	29NB+67	18.5' RT	CTH VV, NB	-	-	1	-	-	-
0010	1C	29SB+67	18.8' LT	CTH VV, SB	-	-	1	-	-	-
0010	1D	29SB+67	1.5' RT	CTH VV, SB	-	-	1	-	-	-
0010	1E	29NB+67	3.4' LT	CTH VV, NB	-	-	1	-	-	-
0010	2	12CA+62	21.5' RT	CTH VV-CTH TS RAB	-	-	1	-	-	-
0010	2A	31SB+60	20.6' LT	CTH VV, SB	-	-	1	-	-	-
0010	3	100CE+20	25' RT	CTH TS, EB	1	-	-	-	-	-
0010	3A	31NB+65	66.5' RT	CTH VV, NB	-	-	-	-	1	-
0010	4	13CA+37	21.5' RT	CTH VV-CTH TS RAB	-	-	1	-	-	-
0010	4A	13CA+00	2' LT	CTH VV-CTH TS RAB	-	-	-	-	-	1
0010	4B	13CA+10	2' LT	CTH VV-CTH TS RAB	-	-	-	-	-	1
0010	5	10CA+63	21.5' RT	CTH VV-CTH TS RAB	-	-	1	-	-	-
0010	6	33NB+88	1.5' LT	CTH VV, NB	-	-	-	1	-	-
0010	6A	34NB+12	21.3' RT	CTH VV, NB	-	-	-	1	-	-
0010	6B	33NB+98	1.5' LT	CTH VV, NB	-	-	1	-	-	-
0010	6C	33SB+95	17.6' LT	CTH VV, SB	-	-	-	1	-	-
0010	6D	34SB+05	17.7' LT	CTH VV, SB	-	-	1	-	-	-
0010	6E	33SB+88	1.5' RT	CTH VV, SB	-	-	-	1	-	-

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER COVERS (CONTINUED)

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 4 CONTINUED										
0010	7	36NB+60	25' RT	CTH VV, NB	1	-	-	-	-	-
0010	7A	36SB+52	18.5' LT	CTH VV, SB	-	-	1	-	-	-
0010	7B	36SB+52	1.5' RT	CTH VV, SB	-	-	1	-	-	-
0010	7C	36NB+60	1.5' LT	CTH VV, NB	-	-	1	-	-	-
0010	7D	36NB+60	18.5' RT	CTH VV, NB	-	-	1	-	-	-
0010	8A	39SB+18	18.5' LT	CTH VV, SB	-	-	1	-	-	-
0010	8B	39SB+18	1.5' RT	CTH VV, SB	-	-	1	-	-	-
0010	8C	39NB+30	1.5' LT	CTH VV, NB	-	-	1	-	-	-
0010	8D	39NB+30	18.5' RT	CTH VV, NB	-	-	1	-	-	-
0010	8E	39NB+30	25' RT	CTH VV, NB	1	-	-	-	-	-
0010	10	41NB+50	25' RT	CTH VV, NB	1	-	-	-	-	-
0010	10A	20CB+34	21.5' RT	CTH VV-RAMP AB RAB	-	-	1	-	-	-
0010	10B	20CB+75	2' LT	CTH VV-RAMP AB RAB	-	-	-	-	-	1
0010	10C	20CB+85	2' LT	CTH VV-RAMP AB RAB	-	-	-	-	-	1
0010	10D	21CB+11	21.5' RT	CTH VV-RAMP AB RAB	-	-	1	-	-	-
0010	11	22CB+06	36.9' RT	CTH VV-RAMP AB RAB	1	-	-	-	-	-
0010	11A	22CB+04	21.5' RT	CTH VV-RAMP AB RAB	-	-	1	-	-	-
0010	12	43NB+54	26.2' RT	CTH VV, NB	1	-	-	-	-	-
0010	12A	43SB+40	1.5' RT	CTH VV, SB	-	-	1	-	-	-
0010	12B	23CB+09	21.5' RT	CTH VV-RAMP AB RAB	-	-	1	-	-	-
0010	12C	43NB+52	1.5' LT	CTH VV, NB	-	-	1	-	-	-
0010	12D	44SB+57	16.5' LT	CTH VV, SB	-	-	1	-	-	-
0010	12E	44NB+74	16.5' RT	CTH VV, NB	-	-	1	-	-	-
0010	13	31CC+00	1.7' LT	CTH VV-RAMP CD RAB	-	-	-	-	-	1
0010	13A	33CC+27	21.5' RT	CTH VV-RAMP CD RAB	-	-	1	-	-	-
0010	13B	30CC+55	21.5' RT	CTH VV-RAMP CD RAB	-	-	1	-	-	-
0010	13C	31CC+10	2' LT	CTH VV-RAMP CD RAB	-	-	-	-	-	1
0010	14	30CC+98	33.1' RT	CTH VV-RAMP CD RAB	1	-	-	-	-	-
0010	14A	32CC+29	21.5' RT	CTH VV-RAMP CD RAB	-	-	1	-	-	-
0010	14B	31CC+40	21.5' RT	CTH VV-RAMP CD RAB	-	-	1	-	-	-
0010	16A	53SB+05	18.5' LT	MARLEY ST, SB	-	-	1	-	-	-
0010	16B	53SB+05	1.5' RT	MARLEY ST, SB	-	-	1	-	-	-
0010	16C	53NB+27	1.5' LT	MARLEY ST, NB	-	-	1	-	-	-
0010	16D	53NB+27	18.5' RT	MARLEY ST, NB	-	-	1	-	-	-
0010	17A	55SB+92	18.5' LT	MARLEY ST, SB	-	-	1	-	-	-
0010	17B	55SB+92	1.5' RT	MARLEY ST, SB	-	-	1	-	-	-
0010	17C	56NB+17	1.5' LT	MARLEY ST, NB	-	-	1	-	-	-
0010	17D	56NB+17	18.5' RT	MARLEY ST, NB	-	-	1	-	-	-
				STAGE 4 SUBTOTALS	8	1	38	4	1	6

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

STORM SEWER COVERS (CONTINUED)

CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0652 INLET COVERS TYPE T EACH
STAGE 6										
0010	70	562EB+93	22' LT	STH 29, EB	-	-	-	-	2	-
0010	71	578EB+95	31.2' LT	STH 29, EB	-	-	-	-	2	-
				STAGE 6 SUBTOTALS	0	0	0	0	4	0
				TOTAL 0010	45	1	110	30	5	8

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER STRUCTURES

					MANHOLES						INLETS							
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	611.2004 4-FT DIAMETER EACH	611.2005 5-FT DIAMETER EACH	611.2006 6-FT DIAMETER EACH	611.2007 7-FT DIAMETER EACH	611.2008 8-FT DIAMETER EACH	* SPV.0060.01 10-FT DIAMETER EACH	611.3003 3-FT DIAMETER EACH	611.3004 4-FT DIAMETER EACH	SPV.0060.02 6-FT DIAMETER EACH	611.3225 2X2.5-FT EACH	611.3230 2X3-FT EACH	611.3901 MEDIAN 1 GRATE EACH	611.3902 MEDIAN 2 GRATE EACH	* 650.4000 CONSTRUCTION STAKING STORM SEWER EACH
STAGE 1																		
0010	23	103CE+06	25' RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	23A	103CW+00	18.5' LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	23B	103CW+00	1.5' RT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	23C	103CE+06	1.5' LT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	23D	103CE+06	18.5' RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	24	106CE+04	25' RT	CTH TS, EB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	24A	106CW+00	18.5' LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	24B	106CW+00	1.5' RT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	24C	106CE+04	1.5' LT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	24D	106CE+04	18.5' RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	25	107CE+25	25' RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	26	108CE+25	25' RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	27	109CE+17	25' RT	CTH TS, EB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	27A	109CW+00	18.5' LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	27B	109CW+00	1.5' RT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	27C	109CE+16	1.5' LT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	27D	109CE+16	18.5' RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	28	110CE+25	25' RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	29	111CE+10	25' RT	CTH TS, EB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	30	112CE+39	27.9' RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	30A	112CW+24	18.5' LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	30B	112CW+34	18.5' LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	30C	112CW+34	1.5' RT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	30D	112CE+39	1.5' LT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	30E	112CE+39	18.5' RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER STRUCTURES (CONTINUED)

					MANHOLES						INLETS							
					611.2004	611.2005	611.2006	611.2007	611.2008	SPV.0060.01	611.3003	611.3004	SPV.0060.02	611.3225	611.3230	611.3901	611.3902	* 650.4000
					4-FT DIAMETER	5-FT DIAMETER	6-FT DIAMETER	7-FT DIAMETER	8-FT DIAMETER	10-FT DIAMETER	3-FT DIAMETER	4-FT DIAMETER	6-FT DIAMETER	2X2.5-FT	2X3-FT	MEDIAN 1 GRATE	MEDIAN 2 GRATE	CONSTRUCTION STAKING STORM SEWER
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STAGE 1 CONTINUED																		
0010	30F	112CE+30	18.5'RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	31	113CE+43	25'RT	CTH TS, EB	1	-	-	-	-	-	-	-	-	-	-	-	-	1
0010	32	114CE+64	25'RT	CTH TS, EB	1	-	-	-	-	-	-	-	-	-	-	-	-	1
0010	33	117CE+14	27.3'RT	CTH TS, EB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	33A	117CW+22	18.5'LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	33B	117CW+32	18.5'LT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	33C	117CW+32	1.5'RT	CTH TS, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	33D	117CE+14	1.5'LT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	33E	117CE+14	18.5'RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	33F	117CE+04	18.5'RT	CTH TS, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	34	602EGW+25	27'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	34A	602EGE+34	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	34B	602EGE+34	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	34C	602EGW+25	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	34D	602EGW+25	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35	604EGW+29	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	35B	604EGE+43	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35C	604EGE+32	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35D	604EGE+32	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35E	604EGW+29	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35F	604EGW+29	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	35G	604EGW+38	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	36	606EGW+00	27'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	37	608EGW+00	27'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	38	609EGW+74	27'LT	EVERGREEN AVE, WB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	38A	609EGE+64	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	38B	609EGE+64	13.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	38C	609EGW+74	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	38D	609EGW+74	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	39	611EGW+57	27'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	40	613EGW+42	28.5'LT	EVERGREEN AVE, WB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	40A	613EGE+21	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	40B	613EGE+21	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	40C	613EGW+42	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	40D	613EGW+42	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	41	616EGW+22	27'LT	EVERGREEN AVE, WB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	41A	615EGE+88	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	41B	615EGE+98	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	41C	615EGE+98	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	41D	616EGW+22	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER STRUCTURES (CONTINUED)

					MANHOLES						INLETS							
					611.2004	611.2005	611.2006	611.2007	611.2008	SPV.0060.01	611.3003	611.3004	SPV.0060.02	611.3225	611.3230	611.3901	611.3902	* 650.4000
					4-FT DIAMETER	5-FT DIAMETER	6-FT DIAMETER	7-FT DIAMETER	8-FT DIAMETER	10-FT DIAMETER	3-FT DIAMETER	4-FT DIAMETER	6-FT DIAMETER	2X2.5-FT	2X3-FT	MEDIAN 1 GRATE	MEDIAN 2 GRATE	CONSTRUCTION STAKING STORM SEWER
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STAGE 1 CONTINUED																		
0010	41E	616EGW+22	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	41F	616EGW+12	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	42	618EGW+25	25'LT	EVERGREEN AVE, WB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	42B	618EGE+01	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	42C	618EGE+01	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	42D	618EGW+25	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	42E	618EGW+25	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	43	619EGW+85	25'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	44	621EGW+46	25'LT	EVERGREEN AVE, WB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	45	623EGW+07	27'LT	EVERGREEN AVE, WB	-	-	-	-	-	1	-	-	-	-	-	-	-	1
0010	45A	622EGE+60	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	45B	622EGE+60	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	45C	622EGW+71	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	45D	622EGW+96	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	46	624EGW+11	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	46A	624EGE+07	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	46B	624EGE+07	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	46C	624EGW+11	13.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	46D	624EGW+11	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	47	625EGW+50	25'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	48	627EGW+00	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	48A	627EGE+00	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	48B	627EGE+00	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	48C	627EGW+00	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	48D	627EGW+00	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	49	629EGW+87	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	49A	629EGE+86	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	49B	629EGE+86	13.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	49C	629EGW+87	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	49D	629EGW+87	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	50	632EGW+25	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	50A	632EGE+25	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	50B	632EGE+25	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	50C	632EGW+25	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	50D	632EGW+25	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	51	634EGW+67	27'LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	51A	634EGE+66	18.5'RT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	51B	634EGE+66	1.5'LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	51C	634EGW+67	1.5'RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	51D	634EGW+67	18.5'LT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER STRUCTURES (CONTINUED)

					MANHOLES						INLETS							
					611.2004	611.2005	611.2006	611.2007	611.2008	SPV.0060.01	611.3003	611.3004	SPV.0060.02	611.3225	611.3230	611.3901	611.3902	* 650.4000
					4-FT	5-FT	6-FT	7-FT	8-FT	10-FT	3-FT	4-FT	6-FT			MEDIAN	MEDIAN	CONSTRUCTION
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	2X2.5-FT EACH	2X3-FT EACH	1 GRATE EACH	2 GRATE EACH	STAKING STORM SEWER EACH
STAGE 1 CONTINUED																		
0010	52	635EGW+00	27' LT	EVERGREEN AVE, WB	-	-	-	-	1	-	-	-	-	-	-	-	-	1
0010	54	702CT+11	35' RT	CONNECTION RD	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	61	208RA+71	40.3' LT	RAMP A	-	-	1	-	-	-	-	-	-	-	-	-	-	1
				STAGE 1 SUBTOTALS	2	13	7	8	1	1	0	2	0	0	74	0	0	108
STAGE 2																		
0010	8	39NB+30	101.5' RT	CTH VV, NB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	9	40NB+60	107.8' RT	CTH VV, NB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	18A	58SB+25	19.3' LT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18B	58SB+15	19' LT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18C	58SB+25	1.5' RT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18D	58SB+15	1.5' RT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18E	58NB+32	1.5' LT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18F	58NB+42	1.5' LT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18G	58NB+28	19.3' RT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	18H	58NB+38	19.6' RT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	19	600EGW+40	25.5' LT	EVERGREEN AVE, WB	-	-	-	1	-	-	-	-	-	-	-	-	-	1
0010	19A	42CD+95	21.5' RT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	19B	40CD+25	21.5' RT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	20	40CD+62	32.4' RT	MARLEY-EVERGREEN RAB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	20A	597EGE+76	1.5' LT	EVERGREEN AVE, EB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	20B	597EGW+79	1.5' RT	EVERGREEN AVE, WB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	20C	41CD+91	21.5' RT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	20D	40CD+60	1.7' LT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	1	-	-	-	-	1
0010	20E	40CD+50	2' LT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	-	1	-	-	-	1
0010	20F	40CD+99	21.5' RT	MARLEY-EVERGREEN RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	21	63NB+58	25.8' RT	MARLEY ST, NB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	21A	63NB+57	17.8' RT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	21B	63NB+58	11.5' LT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	21C	63SB+27	1.5' RT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	21D	63SB+27	17.5' LT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	22	64NB+78	17.5' RT	MARLEY ST, NB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	22A	64NB+88	17.5' RT	MARLEY ST, NB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	22B	64SB+61	17.5' LT	MARLEY ST, SB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	22C	64SB+51	17.5' LT	MARLEY ST, SB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
				STAGE 2 SUBTOTALS	0	2	2	1	0	0	0	4	1	1	18	0	0	163
STAGE 4																		
0010	1	29NB+67	5.1' RT	CTH VV, NB	1	-	-	-	-	-	-	-	-	-	-	-	-	1
0010	1A	29NB+00	30.8' RT	CTH VV, NB	-	-	-	-	-	-	1	-	-	-	-	-	-	1
0010	1B	29NB+67	18.5' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	1C	29SB+67	18.8' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	1D	29SB+67	1.5' RT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

STORM SEWER STRUCTURES (CONTINUED)

					MANHOLES						INLETS							
					611.2004	611.2005	611.2006	611.2007	611.2008	SPV.0060.01	611.3003	611.3004	SPV.0060.02	611.3225	611.3230	611.3901	611.3902	* 650.4000 CONSTRUCTION STAKING STORM SEWER
					4-FT DIAMETER	5-FT DIAMETER	6-FT DIAMETER	7-FT DIAMETER	8-FT DIAMETER	10-FT DIAMETER	3-FT DIAMETER	4-FT DIAMETER	6-FT DIAMETER	2X2.5-FT	2X3-FT	MEDIAN 1 GRATE	MEDIAN 2 GRATE	
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STAGE 4 CONTINUED																		
0010	1E	29NB+67	3.4' LT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	2	12CA+62	21.5' RT	CTH VV-CTH TS RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	2A	31SB+60	20.6' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	3	100CE+20	25' RT	CTH TS, EB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	3A	31NB+65	66.5' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	-	1	-	1
0010	4	13CA+37	21.5' RT	CTH VV-CTH TS RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	4A	13CA+00	2' LT	CTH VV-CTH TS RAB	-	-	-	-	-	-	-	-	-	1	-	-	-	1
0010	4B	13CA+10	2' LT	CTH VV-CTH TS RAB	-	-	-	-	-	-	-	-	-	1	-	-	-	1
0010	5	10CA+63	21.5' RT	CTH VV-CTH TS RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	6	33NB+88	1.5' LT	CTH VV, NB	-	-	-	-	-	-	-	-	1	-	-	-	-	1
0010	6A	34NB+12	21.3' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	6B	33NB+98	1.5' LT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	6C	33SB+95	17.6' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	6D	34SB+05	17.7' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	6E	33SB+88	1.5' RT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	7	36NB+60	25' RT	CTH VV, NB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	7A	36SB+52	18.5' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	7B	36SB+52	1.5' RT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	7C	36NB+60	1.5' LT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	7D	36NB+60	18.5' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	8A	39SB+18	18.5' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	8B	39SB+18	1.5' RT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	8C	39NB+30	1.5' LT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	8D	39NB+30	18.5' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	8E	39NB+30	25' RT	CTH VV, NB	1	-	-	-	-	-	-	-	-	-	-	-	-	1
0010	10	41NB+50	25' RT	CTH VV, NB	-	1	-	-	-	-	-	-	-	-	-	-	-	1
0010	10A	20CB+34	21.5' RT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	10B	20CB+75	2' LT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	10C	20CB+85	2' LT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	10D	21CB+11	21.5' RT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	11	22CB+06	36.9' RT	CTH VV-RAMP AB RAB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	11A	22CB+04	21.5' RT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	12	43NB+54	26.2' RT	CTH VV, NB	1	-	-	-	-	-	-	-	-	-	-	-	-	1
0010	12A	43SB+40	1.5' RT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	12B	23CB+09	21.5' RT	CTH VV-RAMP AB RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	12C	43NB+52	1.5' LT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	12D	44SB+57	16.5' LT	CTH VV, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	12E	44NB+74	16.5' RT	CTH VV, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	13	31CC+00	1.7' LT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	13A	33CC+27	21.5' RT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

STORM SEWER STRUCTURES (CONTINUED)

					MANHOLES						INLETS							
					611.2004	611.2005	611.2006	611.2007	611.2008	SPV.0060.01	611.3003	611.3004	SPV.0060.02	611.3225	611.3230	611.3901	611.3902	* 650.4000
					4-FT	5-FT	6-FT	7-FT	8-FT	10-FT	3-FT	4-FT	6-FT			MEDIAN	MEDIAN	CONSTRUCTION STAKING STORM
					DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	DIAMETER	2X2.5-FT	2X3-FT	1 GRATE	2 GRATE	SEWER
CATEGORY	STRUCTURE	STATION	OFFSET	LOCATION	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STAGE 4 CONTINUED																		
0010	13B	30CC+55	21.5' RT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	13C	31CC+10	2' LT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	-	-	1	-	-	-	1
0010	14	30CC+98	33.1' RT	CTH VV-RAMP CD RAB	-	-	1	-	-	-	-	-	-	-	-	-	-	1
0010	14A	32CC+29	21.5' RT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	14B	31CC+40	21.5' RT	CTH VV-RAMP CD RAB	-	-	-	-	-	-	-	1	-	-	-	-	-	1
0010	16A	53SB+05	18.5' LT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	16B	53SB+05	1.5' RT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	16C	53NB+27	1.5' LT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	16D	53NB+27	18.5' RT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	17A	55SB+92	18.5' LT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	17B	55SB+92	1.5' RT	MARLEY ST, SB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	17C	56NB+17	1.5' LT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
0010	17D	56NB+17	18.5' RT	MARLEY ST, NB	-	-	-	-	-	-	-	-	-	-	1	-	-	1
				STAGE 4 SUBTOTALS	3	2	3	0	0	0	1	9	1	3	35	1	0	58
STAGE 6																		
0010	70	562EB+93	22' LT	STH 29, EB	-	-	-	-	-	-	-	-	-	-	-	-	1	1
0010	71	578EB+95	31.2' LT	STH 29, EB	-	-	-	-	-	-	-	-	-	-	-	-	1	1
				STAGE 6 SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	2	2
				TOTAL 0010	5	17	12	9	1	1	1	15	2	4	127	1	2	331

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

DETENTION POND PIPES AND APRON ENDWALLS

		APRON ENDWALLS FOR CULVERT PIPE				STORM SEWER PIPE			
			*	*		*			*
		SPV.0060.03	521.1012	522.1018	522.2629	608.0318	608.2329	608.6010	608.6012
		STEEL	STEEL	REINFORCED CONCRETE	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	COMPOSITE	COMPOSITE
		10-INCH	12-INCH	18-INCH	29X45-INCH	18-INCH	CLASS HE-III 29X45-INCH	10-INCH	12-INCH
CATEGORY	LOCATION	EACH	EACH	EACH	EACH	LF	LF	LF	LF
0010	CTH TS POND	1	-	1	-	52	-	70	-
0010	CTH VV POND	1	-	1	-	48	-	68	-
0010	EVERGREEN POND	-	1	-	1	-	58	-	70
	TOTAL 0010	2	1	2	1	100	58	138	70

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

STORM SEWER PIPE COMPOSITE

CATEGORY	STATION	TO	STATION	LOCATION	* 521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH EACH	608.6008 STORM SEWER PIPE COMPOSITE 8-INCH LF	* 608.6012 STORM SEWER PIPE COMPOSITE 12-INCH LF	* 650.4000 CONSTRUCTION STAKING STORM SEWER EACH	REMARKS
STAGE 2									
0010	22D	-	22A	MARLEY ST, NB, RT	1	-	41	1	65NB+25, 4.3' RT
0010	22E	-	22B	MARLEY ST, SB, LT	1	-	35	1	65SB+25, 21.6' LT
				STAGE 2 SUBTOTALS	2	0	76	2	
STAGE 4									
0010	1A	-	1B	CTH VV	-	71	-	-	
0010	3A	-	3	CTH VV	-	65	-	-	
				STAGE 4 SUBTOTALS	0	136	0	0	
				TOTAL 0010	2	136	76	2	

DETENTION POND STRUCTURES, COVERS, AND ROCK CRIB

CATEGORY	LOCATION	* 611.0535 MANHOLE COVERS TYPE J-SPECIAL EACH	611.2003 MANHOLES 3-FT DIAMETER EACH	SPV.0060.04 OUTFALL STRUCTURE 2X2-FT EACH	SPV.0060.05 OUTFALL STRUCTURE 3X3-FT EACH	SPV.0060.06 OUTFALL STRUCTURE 3X6-FT EACH	SPV.0060.07 ROCK CRIB CTH TS EACH	SPV.0060.08 ROCK CRIB CTH VV EACH	SPV.0060.09 ROCK CRIB EVERGREEN EACH	SPV.0060.10 CONSTRUCTION STAKING POND LAYOUT EACH
0010	CTH TS POND	4	2	1	1	-	1	-	-	1
0010	CTH VV POND	4	2	1	1	-	-	1	-	1
0010	EVERGREEN POND	5	2	1	-	1	-	-	1	1
	TOTAL 0010	13	6	3	2	1	1	1	1	3

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

UNDERDRAIN

CATEGORY	STATION	LOCATION	612.0106 PIPE UNDERDRAIN 6-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0700 DRAIN TILE EXPLORATION LF	612.0806 APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH EACH	209.0300.S.01 BACKFILL COARSE AGGREGATE NO. 1 CY	645.0111 GEOTEXTILE TYPE DF SCHEDULE A SY	REMARKS
STAGE 1									
0010	103CE+06	CTH TS	80	-	-	-	12	75	23A - 23D
0010	106CE+04	CTH TS	80	-	-	-	12	75	24A - 24D
0010	109CE+16	CTH TS	80	-	-	-	12	75	27A - 27D
0010	112CE+39	CTH TS, WB	100	-	-	-	15	90	30A - 30F
0010	117CE+14	CTH TS, WB	100	-	-	-	15	90	33A - 33F
0010	602EGE+34	EVERGREEN AVE, EB	80	-	-	-	12	75	34A - 34D
0010	604EGE+42	EVERGREEN AVE, EB	100	-	-	-	15	90	35B - 35G
0010	609EGE+64	EVERGREEN AVE, EB	80	-	-	-	12	75	38A - 38D
0010	613EGE+21	EVERGREEN AVE, EB	80	-	-	-	12	75	40A - 40D
0010	615EGE+88	EVERGREEN AVE, EB	100	-	-	-	15	90	41A - 41F
0010	618EGE+01	EVERGREEN AVE, EB	80	-	-	-	12	75	42B - 42E
0010	622EGE+62	EVERGREEN AVE, EB	80	-	-	-	12	75	45A - 45D
0010	624EGE+07	EVERGREEN AVE, EB	80	-	-	-	12	75	46A - 46D
0010	627EGE+00	EVERGREEN AVE, EB	80	-	-	-	12	75	48A - 48D
0010	629EGE+86	EVERGREEN AVE, EB	80	-	-	-	12	75	49A - 49D
0010	632EGE+25	EVERGREEN AVE, EB	80	-	-	-	12	75	50A - 50D
0010	634EGE+66	EVERGREEN AVE, EB	80	-	-	-	12	75	51A - 51D
		STAGE 1 SUBTOTALS	1,440	0	0	0	216	1,335	
STAGE 2									
0010	58SB+25	MARLEY ST, SB	120	-	-	-	20	110	18A - 18H
0010	40CD+62	MARLEY-EVERGREEN RAB	300	-	-	-	45	270	
0010	64SB+51	MARLEY ST, SB	60	-	-	-	14	55	22 - 22C
		STAGE 2 SUBTOTALS	480	0	0	0	79	435	
STAGE 4									
0010	13CA+00	CTH VV-CTH TS RAB	300	-	-	-	45	270	
0010	33NB+88	CTH VV, NB	100	-	-	-	15	90	6 - 6E
0010	20CB+75	CTH VV-RAMP AB RAB	300	-	-	-	45	270	
0010	31CC+00	CTH VV-RAMP AB RAB	300	-	-	-	45	270	
		STAGE 4 SUBTOTALS	1,000	0	0	0	105	900	
STAGE 6									
0010	526EB+00	STH 29, EB, RT	-	10	-	1	-	-	ADJUSTMENT
0010	531EB+00	STH 29, EB, RT	-	3	-	1	-	-	ADJUSTMENT
0010	540EB+98	STH 29, EB, LT	-	-	-	1	-	-	ADJUSTMENT
0010	556EB+01	STH 29, EB, LT & RT	-	11	-	2	-	-	ADJUSTMENT
0010	560EB+97	STH 29, EB, LT & RT	-	6	-	1	-	-	ADJUSTMENT
0010	575EB+99	STH 29, EB, LT	-	-	-	1	-	-	ADJUSTMENT
0010		UNDISTRIBUTED	-	-	50	-	-	-	
			0	30	50	7	0	0	
		TOTAL 0010	2,920	30	50	7	400	2,670	

CONCRETE MEDIAN SLOPED NOSE

CATEGORY	STATION	LOCATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
STAGE 1			
0010	609EGW+98	EVERGREEN AVE RT	21
0010	611EGW+07	EVERGREEN AVE RT	25
0010	623EGW+03	EVERGREEN AVE RT	25
0010	624EGW+02	EVERGREEN AVE RT	21
0010	630EGW+10	EVERGREEN AVE RT	21
0010	631EGW+24	EVERGREEN AVE RT	25
0010	634EGE+20	EVERGREEN AVE, MEDIAN	225
		STAGE 1 SUBTOTAL	363
STAGE 2			
0010	59NB+44	MARLEY ST LT	12
0010	60SB+87	MARLEY ST RT	12
0010	61NB+13	MARLEY ST LT	26
0010	63SB+30	MARLEY ST, MEDIAN	8
0010	597EGE+76	EVERGREEN AVE, MEDIAN	26
0010	598EGE+44	EVERGREEN AVE LT	12
0010	598EGW+49	EVERGREEN AVE RT	26
0010	600EGE+12	EVERGREEN AVE RT	26
0010	600EGW+07	EVERGREEN AVE RT	12
		STAGE 2 SUBTOTAL	160
STAGE 4			
0010	29SB+63	CTHVV, MEDIAN	27
0010	31NB+58	CTH VV LT	12
0010	31SB+61	CTH VV RT	26
0010	33SB+26	CTH VV RT	12
0010	33NB+26	CTH VV LT	27
0010	41SB+68	CTH VV RT	26
0010	41NB+81	CTH VV LT	12
0010	20CB+36	CTH VV RNDABT RT	28
0010	22CB+02	CTH VV RNDABT RT	28
0010	43SB+37	CTH VV RT	12
0010	43NB+50	CTH VV LT	26
0010	48SB+59	MARLEY ST RT	26
0010	48NB+71	MARLEY ST LT	12
0010	30CC+56	RAMP C & D RNDABT LT	28
0010	32CC+27	RAMP C & D RNDABT RT	28
0010	50SB+27	MARLEY ST RT	12
0010	50NB+41	MARLEY ST LT	26
0010	50SB+29	MARLEY ST RT	26
0010	100CW+07	CTH TS RD LT	12
0010	100CE+12	CTH TS RD RT	26
		STAGE 4 SUBTOTAL	432
		TOTAL 0010	955

GUARDRAIL ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM LF
STAGE 4						
0010	540EB+95	-	542EB+90	STH 29, EB, LT	2	175
				TOTAL 0010	2	175

MAINTENANCE AND REPAIR OF HAUL ROADS

CATEGORY	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (9200-10-71) EACH
0010	PROJECT LIMITS	1
	TOTAL 0010	1

SAFETY FENCE

CATEGORY	STATION	OFFSET	LOCATION	616.0700.S FENCE SAFETY LF	REMARKS
0010	403RC+50	70' RT	RAMP C	25	GEODETIC SURVEY CONTROL STATION
0010	516RD+40	50' RT	RAMP D	25	GEODETIC SURVEY CONTROL STATION
0010	546WB+56	122' LT	STH 29, WB, LT	80	PROTECT SECTION CORNER/MONUMENTS
0010	563WB+32	110' LT	STH 29, WB, LT	50	PROTECT SECTION CORNER/MONUMENTS
0010	717XCL+30	LT/RT	EXISTING CTH U	20	PROTECT SOUTH SECTION CORNERS
0010			UNDISTRIBUTED	200	
			TOTAL 0010	400	

3

LANDMARK REFERENCE MONUMENTS

CATEGORY	STATION	LOCATION	621.0100 LANDMARK REFERENCE MONUMENTS EACH	REMARKS
0010	61SB+37	MARLEY ST, SB, LT	4	TYPE A MONUMENTS - T24N R19E EAST 1/4 CORNER SECTION 3 - BROWN COUNTY SECTION 49C17
0010	486WB+10	STH 29, WB, LT	4	TYPE A MONUMENTS - T24N R19E CLOSING CORNER SECTION 3/4 - BROWN COUNTY SECTION 49B/C-13
0010	563WB+32	STH 29, WB, LT	2	TYPE A MONUMENTS - T24N R19E CLOSING CORNER SECTION 1/2 - BROWN COUNTY SECTION 49E18/19
0010	637EGE+38	EVERGREEN AVE, EB, RT	4	TYPE A MONUMENTS - T24N R19E NORTH 1/4 SECTION 11 - BROWN COUNTY SECTION 49E19
		TOTAL 0010	14	

MOBILIZATIONS EROSION CONTROL

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	STAGE 1	4	3
0010	STAGE 2	6	2
0010	STAGE 3	3	3
0010	STAGE 4	5	3
0010	STAGE 5	3	2
0010	STAGE 6	4	2
	TOTAL 0010	25	15

DUST CONTROL SURFACE TREATMENT

CATEGORY	LOCATION	623.0200 DUST CONTROL SURFACE TREATMENT SY
0010	UNDISTRIBUTED	12,000
	TOTAL 0010	12,000

SOIL STABILIZER

CATEGORY	STATION	TO	STATION	LOCATION	628.6510 SOIL STABILIZER TYPE B ACRE
STAGE 1					
0010	205RA+00	-	216RA+25	RAMP A	1.0
0010	300RB+25	-	312RB+00	RAMP B	1.0
0010	400RC+50	-	411RC+00	RAMP C	0.9
0010	513RD+00	-	525RD+00	RAMP D	1.0
0010	100CW+50	-	119CW+76	CTH TS	4.0
0010	36SB+00	-	44SB+00	CTH VV	1.9
0010	47SB+25	-	55SB+50	CTH VV	2.2
				TOTAL 0010	12.0

TRACKING PADS

CATEGORY	LOCATION	628.7560 TRACKING PADS EACH
STAGE 1		
0010	MILLTOWN RD	1
0010	MARLEY ST	1
0010	CTH VV	1
0010	CTH TS	1
0010	OVERLAND RD	1
0010	BORROW SITE	2
0010	UNDISTRIBUTED	2
	STAGE 1 SUBTOTAL	9
STAGE 2		
0010	MILLTOWN RD	1
0010	MARLEY ST	1
0010	UNDISTRIBUTED	1
	STAGE 2 SUBTOTAL	3
STAGE 4		
0010	CTH VV	1
0010	UNDISTRIBUTED	2
	STAGE 4 SUBTOTAL	3
STAGE 6		
0010	OLD HWY 29	1
0010	CTH U	1
	STAGE 6 SUBTOTAL	2
	TOTAL 0010	17

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF
STAGE 1						
0010	37NB+00	-	546EB+00	CTH VV, RT	780	1,560
0010	37NB+00	-	538EB+00	CTH VV, LT	565	1,130
0010	538EB+00	-	44SB+90	CTH VV, LT	345	690
0010	52NB+00	-	602EGE+00	MARLEY ST, RT	910	1,820
0010	102CE+00	-	115CE+00	CTH TS, LT	1,160	2,320
0010	102CE+00	-	115CE+00	CTH TS, RT	1,740	3,480
0010	115CW+00	-	119CW+75	CTH TS, LT	510	1,020
0010	115CW+00	-	119CW+75	CTH TS, LT	520	1,040
0010	602EGE+00	-	615EGE+00	EVERGREEN AVE, LT	1,220	2,440
0010	602EGE+00	-	615EGE+00	EVERGREEN AVE, RT	1,395	2,790
0010	615EGE+00		702CN+00	EVERGREEN AVE, RT	965	1,930
0010	702CN+00	-	630EGE+00	EVERGREEN AVE, RT	790	1,580
0010	615EGE+00	-	630EGE+00	EVERGREEN AVE, LT	1,445	2,890
0010	630EGE+00	-	642EGE+50	EVERGREEN AVE, LT	2,635	5,270
0010	630EGE+00	-	642EGE+50	EVERGREEN AVE, RT	645	1,290
0010	702CT+00	-	706CT+10	CONNECTION RD, LT	320	640
0010	201RA+90	-	213RA+65	RAMP A, RT	1,210	2,420
0010	208RA+00	-	213RA+65	RAMP A, LT	535	1,070
0010	304RB+10	-	311RB+60	RAMP B, LT	805	1,610
0010	305RB+35	-	OVERLAND RD	RAMP B, RT	530	1,060
0010	52NB+00	-	546WB+00	RAMP C, RT	200	400
0010	402RC+65	-	412RC+50	RAMP C, LT	950	1,900
0010	403RC+30	-	409RC+00	RAMP C, RT	580	1,160
0010	538WB+00	-	52NB+00	RAMP D, RT	335	670
0010	509RD+60	-	522RD+20	RAMP D, LT	1,285	2,570
0010	513RD+60	-	522RD+20	RAMP D, RT	845	1,690
0010	538EB+00	-	540WB+70	STH 29, WB, LT	370	740
0010	543WB+20	-	546WB+00	STH 29, WB, LT	360	720
0010	544EB+00	-	546EB+00	STH 29, EB, RT	495	990
0010	555WB+00	-	702CT+00	STH 29, WB, LT	665	1,330
0010	563WB70	-	567WB+20	STH 29, WB, LT	445	890
0010				BORROW PIT	4,000	8,000
0010				UNDISTRIBUTED	5,945	11,890
				STAGE 1 SUBTOTALS	35,500	71,000
STAGE 2						
0010	52NB+00	-	65NB+25	MARLEY ST, LT	1,420	2,840
0010	602EGE+00	-	65NB+25	MARLEY ST, RT	380	760
0010	712CT+00	-	717CT+65	CONNECTION RD, LT	535	1,070
0010	712CT+00	-	717CT+65	CONNECTION RD, RT	535	1,070
0010	559WB+87	-	563WB+00	STH 29, WB, LT	650	1,300
0010				UNDISTRIBUTED	780	1,560
				STAGE 2 SUBTOTALS	4,300	8,600

SILT FENCE (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF
STAGE 4						
0010	27SB+00	-	36SB+90	CTH VV, LT	1,200	2,400
0010	27SB+00	-	102CE+00	CTH VV, RT	655	1,310
0010	102CE+00	-	37NB+00	CTH VV, RT	580	1,160
0010				UNDISTRIBUTED	565	1,130
				STAGE 4 SUBTOTALS	3,000	6,000
STAGE 5						
0010	516WB+00	-	525WB+60	STH 29, WB, LT	955	1,910
0010	524EB+20	-	526EB+55	STH 29, EB, RT	240	480
0010	OVERLAND RD	-	313RB+10	RAMP B, RT	545	1,090
0010	555EB+00	-	565EB+60	STH 29, EB, RT	1,205	2,410
0010				UNDISTRIBUTED	655	1,310
				STAGE 5 SUBTOTALS	3,600	7,200
STAGE 6						
0010	479EB+65	-	488EB+00	STH 29, EB, RT	840	1,680
0010	486WB+65	-	492WB+35	STH 29, WB, LT	575	1,150
0010	703XCL+35	-	705XCL+73	CTH U, RT	200	400
0010	709XCL+80	-	717XCL+50	CTH U, RT	775	1,550
0010	710XCL+50	-	717XCL+50	CTH U, LT	840	1,680
0010	100OH+00	-	103OH+50	OLD HWY 29, LT	1,295	2,590
0010	105OH+40	-	103OH+50	OLD HWY 29, RT	835	1,670
0010	576WB+50	-	579WB+55	STH 29, WB, LT	330	660
0010				UNDISTRIBUTED	1,210	2,420
				STAGE 6 SUBTOTALS	6,900	13,800
				TOTAL 0010	53,300	106,600

DETENTION POND PLANTINGS

CATEGORY	LOCATION	SPV.0060.60 PLANTING POD EACH	SPV.0060.61 SUBMERGENT WETLAND PLANTINGS EACH	SPV.0060.62 EMERGENT WETLAND PLANTINGS EACH
0010	EVERGREEN POND	38	755	1,520
	TOTAL 0010	38	755	1,520

TEMPORARY DITCH CHECKS

CATEGORY	STATION	LOCATION	628.7504 TEMPORARY DITCH CHECKS LF	REMARKS
STAGE 1				
0010	540EB+70	STH 29, EB, RT	30	EX. DITCH
0010	540WB+70	STH 29, WB, LT	30	EX. DITCH
0010	543WB+15	STH 29, WB, LT	30	EX. DITCH
0010	544EB+15	STH 29, EB, RT	30	EX. DITCH
0010		UNDISTRIBUTED	180	
			300	
STAGE 2				
0010	408RC+00	RAMP C, RT	30	EX. DITCH
0010		UNDISTRIBUTED	70	
			100	
STAGE 4				
0010	540EB+70	STH 29, EB, LT	30	EX. DITCH
0010		UNDISTRIBUTED	70	
			100	
STAGE 5				
0010	500OL+25	OVERLAND RD, LT & RT	30	END LIMITS
0010	500OL+80	OVERLAND RD, RT	30	END LIMITS
0010		UNDISTRIBUTED	40	
			100	
STAGE 6				
0010	113OH+50	OLD HWY 29, LT & RT	50	END LIMITS
0010	100OH+00	OLD HWY 29, LT & RT	50	END LIMITS
0010	717XCL+40	CTH U, LT	30	EX. DITCH
0010	566EB+30	STH 29, EB, LT	30	EX. DITCH
0010	567WB+50	STH 29, WB, LT	30	EX. DITCH
0010	580EB+00	STH 29, EB, LT	30	EX. DITCH
0010		UNDISTRIBUTED	80	
			300	
		TOTAL 0010	900	

CULVERT PIPE CHECKS

CATEGORY	STATION	LOCATION	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
STAGE 1				
0010	544EB+40	STH 29, EB, RT	5	NEW PIPE
0010	544WB+40	STH 29, WB, LT	3	EX. 24" CMP
0010	704CT+10	CONNECTION RD, RT	3	NEW PIPE
0010	704CT+85	CONNECTION RD, LT	3	NEW PIPE
0010	209RA+25	RAMP A, LT	5	EX. 30" CMP
0010	519RD+50	RAMP D, LT	5	NEW PIPE
0010		UNDISTRIBUTED	6	
		STAGE 1 SUBTOTAL	30	
STAGE 2				
0010	600EGE+60	EVERGREEN AVE, EB, LT	3	NEW PIPE
0010	637EGE+00	EVERGREEN AVE, EB, RT	3	NEW PIPE
0010	637EGE+80	EVERGREEN AVE, EB, RT	3	NEW PIPE
0010	638EGE+50	EVERGREEN AVE, EB, RT	3	NEW PIPE
0010	640EGE+40	EVERGREEN AVE, EB, RT	3	NEW PIPE
0010	707CT+40	CONNECTION RD, LT	3	EX. 18" CMP
0010	708CT+40	CONNECTION RD, LT	3	NEW PIPE
0010	799M+05	MILLWOOD CT, RT	3	NEW PIPE
0010		UNDISTRIBTUED	6	
		STAGE 2 SUBTOTAL	30	
STAGE 4				
0010	36SB+30	CTH VV, SB, LT	5	NEW PIPE
0010		UNDISTRIBTUED	10	
		STAGE 4 SUBTOTAL	15	
STAGE 5				
0010		OVERLAND RD, RT	3	EX. 18" CMP
0010		UNDISTRIBTUED	2	
		STAGE 5 SUBTOTAL	5	
STAGE 6				
0010	490WB+00	STH 29, WB, RT	3	EX. 24" RCP
0010	101OH+20	CTH U, RT	3	EX. 12" CMP
0010	102OH+35	CTH U, LT	3	EX. 18" CMP
0010	103OH+40	CTH U, RT	3	EX. 18" CMP
0010	556WB+40	STH 29, WB, RT	3	EX. 18" RCP
0010	560EB+90	STH 29, EB, RT	3	EX. 24" RCP
0010	566EB+00	STH 29, EB, LT	3	EX. PIPE
0010	576EB+00	STH 29, EB, LT	3	EX. PIPE
0010	576EB+40	STH 29, EB, LT	3	EX. 18" CMP
0010	578WB+90	STH 29,WB, LT	5	EX. 30" RCP
0010	579EB+40	STH 29, EB, LT	3	EX. 18" PIPE
0010		UNDISTRIBTUED	5	
		STAGE 6 SUBTOTAL	40	
		TOTAL 0010	120	

ROCK BAGS

CATEGORY	STATION	LOCATION	628.7570 ROCK BAGS EACH	REMARKS
STAGE 1				
0010	108CW+00	CTH TS, WB, LT	15	DITCH
0010	110CW+00	CTH TS, WB, LT	15	DITCH
0010	113CW+10	CTH TS, WB, LT	15	DITCH
0010	116CW+00	CTH TS, WB, LT	15	DITCH
0010	608EGE+00	EVERGREEN AVE, EB, RT	15	DITCH
0010	612EGE+00	EVERGREEN AVE, EB, RT	15	DITCH
0010	616EGE+00	EVERGREEN AVE, EB, RT	15	SILT FENCE
0010	618EGE+00	EVERGREEN AVE, EB, RT	15	SILT FENCE
0010	620EGE+00	EVERGREEN AVE, EB, RT	15	SILT FENCE
0010	209RA+45	RAMP A, LT	15	DITCH
0010	544EB+40	STH 29, EB, RT	15	DITCH
0010	560WB+00	STH 29, WB, LT	20	DITCH
0010		BORROW PIT	100	
0010		UNDISTRIBUTED	115	
		STAGE 1 SUBTOTAL	400	
STAGE 2				
0010	708CT+80	CONNECTION RD, LT	15	DITCH
0010	709CT+30	CONNECTION RD, LT	15	DITCH
0010	798M+15	MILLWOOD CT, LT & RT	30	DITCH
0010		UNDISTRIBUTED	40	
		STAGE 2 SUBTOTAL	100	
STAGE 4				
0010	27SB+00	CTH VV, SB, LT & RT	30	DITCH
0010		UNDISTRIBUTED	20	
		STAGE 4 SUBTOTAL	50	
STAGE 5				
0010	524EB+75	STH 29, EB, RT	15	DITCH
0010	530EB+00	STH 29, EB, RT	15	DITCH
0010		UNDISTRIBUTED	20	
		STAGE 5 SUBTOTAL	50	
STAGE 6				
0010	486WB+35	STH 29, WB, LT	15	SILT FENCE
0010	489WB+00	STH 29, WB, LT	15	DITCH
0010	578WB+50	STH 29, WB, LT	15	SILT FENCE
0010	106OH+00	OLD HWY 29, RT	15	DITCH
0010		UNDISTRIBUTED	40	
		STAGE 6 SUBTOTAL	100	
		TOTAL 0010	700	

3

INLET PROTECTION

CATEGORY	STATION	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	REMARKS
STAGE 1							
0010	103CE+10	CTH TS, LT & RT	4	-	4	-	CURB
0010	106CE+05	CTH TS, LT & RT	4	-	4	-	CURB
0010	109CE+20	CTH TS, LT & RT	4	-	4	-	CURB
0010	112CE+20	CTH TS, RT	1	-	1	-	CURB
0010	112CE+10	CTH TS, LT & RT	2	-	2	-	CURB
0010	112CW+25	CTH TS, LT	1	-	1	-	CURB
0010	112CW+35	CTH TS, LT	2	-	2	-	CURB
0010	117CE+05	CTH TS, RT	1	-	1	-	CURB
0010	117CE+15	CTH TS, LT & RT	2	-	2	-	CURB
0010	117CW+20	CTH TS, LT	1	-	1	-	CURB
0010	117CW+30	CTH TS, LT & RT	2	-	2	-	CURB
0010	602EGE+35	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	602EGW+35	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	604EGE+30	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	604EGW+30	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	604EGE+40	EVERGREEN AVE, RT	1	-	1	-	CURB
0010	604EGW+40	EVERGREEN AVE, LT	1	-	1	-	CURB
0010	610EGE+40	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	610EGW+45	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	613EGE+40	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	613EGW+40	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	615EGE+85	EVERGREEN AVE, RT	1	-	1	-	CURB
0010	615EGW+85	EVERGREEN AVE, LT	1	-	1	-	CURB
0010	616EGE+00	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	616GW+00	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	618GE+00	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	618GW+00	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	622EGE+65	EVERGREEN AVE, RT	1	-	1	-	CURB
0010	622EGE+70	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	623EGW+00	EVERGREEN AVE, LT	1	-	1	-	CURB
0010	624EGE+10	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	624EGW+10	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	628EGE+10	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	628EGW+10	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	631EGE+10	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	631EGW+10	EVERGREEN AVE, LT	2	-	2	-	CURB
0010	634EGE+65	EVERGREEN AVE, RT	2	-	2	-	CURB
0010	634EGW+65	EVERGREEN AVE, LT	2	-	2	-	CURB
0010		UNDISTRIBUTED	3	-	3	5	
		STAGE 1 SUBTOTALS	75	0	75	5	

INLET PROTECTION (CONTINUED)

CATEGORY	STATION	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	REMARKS
STAGE 2							
0010	58NB+25	MARLEY ST, LT & RT	2	-	2	-	CURB
0010	58NB+40	MARLEY ST, LT & RT	4	-	4	-	CURB
0010	58NB+55	MARLEY ST, LT	2	-	2	-	CURB
0010	59NB+45	MARLEY ST, LT	1	-	1	-	SPLITTER ISLAND CURB
0010	60NB+10	MARLEY ST, LT	1	-	1	-	SPLITTER ISLAND CURB
0010	63NB+60	MARLEY ST, LT & RT	4	-	4	-	CURB
0010	64NB+75	MARLEY ST, LT & RT	4	-	4	-	CURB
0010	40CD+50	MARLEY-EVERGREEN RAB	2	-	2	-	INSIDE RADIUS CURB
0010	598EGE+00	EVERGREEN AVE, MEDIAN	3	-	3	-	SPLITTER ISLAND CURB
0010	600EGW+00	EVERGREEN AVE, RT	1	-	1	-	SPLITTER ISLAND CURB
		STAGE 2 SUBTOTALS	24	0	24	0	
STAGE 4							
0010	29NB+00	CTH VV, RT	1	1	-	-	SURFACE DRAIN
0010	29SB+65	CTH VV, LT & RT	4	-	4	-	CURB
0010	31NB+25	CTH VV, RT	1	1	-	-	SURFACE DRAIN
0010	31NB+60	CTH VV, LT & RT	2	-	2	-	CURB
0010	13CA+00	CTH VV-CTH TS RAB	2	-	2	-	INSIDE RADIUS CURB
0010	103CE+90	CTH TS, MEDIAN	1	-	1	-	SPLITTER ISLAND CURB
0010	33NB+25	CTH VV, LT	1	-	1	-	SPLITTER ISLAND CURB
0010	33NB+90	CTH VV, LT & RT	3	-	3	-	CURB
0010	34SB+00	CTH VV, LT	1	-	1	-	CURB
0010	34NB+15	CTH VV, RT	1	-	1	-	CURB
0010	36NB+60	CTH VV, LT & RT	4	-	4	-	CURB
0010	39NB+30	CTH VV, LT & RT	4	-	4	-	CURB
0010	41NB+85	CTH VV, LT	1	-	1	-	SPLITTER ISLAND CURB
0010	20CB+75	CTH VV-RAMP AB RAB	2	-	2	-	INSIDE RADIUS CURB
0010	SW RAMP	CTH VV-RAMP AB RAB	1	-	1	-	OUTSIDE RADIUS CURB
0010	SE RAMP	CTH VV-RAMP AB RAB	1	-	1	-	OUTSIDE RADIUS CURB
0010	43NB+50	CTH VV LT & RT	3	-	3	-	SPLITTER ISLAND CURB
0010	44NB+72	CTH VV LT & RT	2	-	2	-	OUTSIDE CURB
0010	48NB+70	MARLEY ST LT	1	-	1	-	SPLITTER ISLAND CURB
0010	NE RAMP	MARLEY-RAMP CD RAB	1	-	1	-	OUTSIDE RADIUS CURB
0010	NW RAMP	MARLEY-RAMP CD RAB	1	-	1	-	OUTSIDE RADIUS CURB
0010	31CC+00	MARLEY-RAMP CD RAB	1	-	1	-	INSIDE RADIUS CURB
0010	50NB+45	MARLEY ST LT	1	-	1	-	SPLITTER ISLAND CURB
0010	53NB+25	MARLEY ST LT & RT	4	-	4	-	CURB
0010	55NB+20	MARLEY ST LT & RT	4	-	4	-	CURB
		STAGE 4 SUBTOTALS	48	2	46	0	
STAGE 6							
0010	488EB+35	STH 29, EB, LT	1	1	-	-	MEDIAN
0010	562EB+90	STH 29, EB, LT	1	1	-	-	MEDIAN
0010	578EB+90	STH 29, EB, LT	1	1	-	-	MEDIAN
		STAGE 6 SUBTOTALS	3	3	0	0	
		TOTAL 0010	150	5	145	5	

3

FINISHING

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2037 EROSION MAT CLASS III TYPE C SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0175 SEEDING MIXTURE NO. 75 LB	630.0200 SEEDING TEMPORARY LB	630.0300 SEEDING BORROW PIT LB	630.0500 SEED WATER MGAL	REMARKS
STAGE 1																		
0010	38NB+00	-	45NB+00	CTH VV, LT & RT	13,370	-	12120	1,250	-	-	9	330	25	-	185	-	55	
0010	47NB+25	-	54NB+00	MARLEY ST, LT & RT	13,820	-	12220	1,600	-	-	9	330	30	-	190	-	60	
0010	100CE+50	-	119CE+75	CTH TS, LT & RT	19,160	-	11135	8,025	-	-	12	305	150	-	260	-	80	
0010	206RA+00	-	215RA+80	RAMP A, LT & RT	13,000	-	13,000	-	-	-	9	355	-	-	180	-	55	
0010	300RB+50	-	311RB+00	RAMP B, LT & RT	14,070	-	14,070	-	-	-	10	380	-	-	195	-	60	
0010	400RC+60	-	402RC+00	RAMP C, LT & RT	2,880	-	2,880	-	-	-	2	80	-	-	40	-	15	
0010	514RD+00	-	525RD+00	RAMP D, LT & RT	15,825	-	15,825	-	-	-	11	430	-	-	215	-	65	
0010	601EGE+50	-	634EGE+50	EVERGREEN AVE, LT & RT	22,900	-	9,625	13,275	-	-	15	265	245	-	315	-	95	
0010	700CT+50	-	704CT+00	CONNECTION RD, LT & RT	1,930	-	1,930	-	-	-	2	55	-	-	30	-	10	
0010	70PVV+18	-	73PVV+23	CTH VV POND	5,150	-	1,410	3,740	100	100	4	50	-	25	75	-	25	
0010	80PTS+00	-	83PTS+00	CTH TS POND	5,500	-	2,100	3,400	100	100	4	65	-	25	80	-	25	
0010	90PEG+17	-	96PEG+72	EVERGREEN POND	12,800	-	5,800	7,000	225	225	9	355	-	-	180	-	55	
0010	-	-	-	BORROW PIT	-	95,000	5,000	-	-	-	64	140	-	-	1,350	1,350	-	FOR ALL STAGES
				STAGE 1 SUBTOTALS	140,405	95,000	107,115	38,290	425	425	160	3,140	450	50	3,295	1,350	600	
STAGE 2																		
0010	54NB+00	-	66NB+00	MARLEY ST, LT & RT	12,335	-	9,895	2,440	-	-	8	270	45	-	170	-	55	
0010	402RC+00	-	410RC+00	RAMP C, LT & RT	13,800	-	13,800	-	-	-	9	375	-	-	190	-	60	
0010	600EGE+25	-	601EGE+50	EVERGREEN AVE, LT & RT	780	-	415	365	-	-	1	15	10	-	15	-	5	
0010	634EGE+50	-	642EGE+50	EVERGREEN AVE, LT & RT	3,490	-	3,490	-	-	-	3	100	-	-	50	-	15	
0010	704CT+00	-	709CT+25	CONNECTION RD, LT & RT	3,150	-	3,150	-	-	-	3	90	-	-	45	-	15	
0010	734XMM+19	-	735XMM+86	EXISTING MILLTOWN RD	1,255	-	1,255	-	-	-	1	35	-	-	20	-	5	
0010	798M+25	-	799M+35	MILLWOOD CT, LT & RT	225	-	225	-	-	-	1	10	-	-	5	-	5	
0010	10MD+50	-	16MD+84	MARLEY DITCH	6,975	-	6,975	-	-	-	5	190	-	-	100	-	30	
				STAGE 2 SUBTOTALS	8,455	0	8,455	0	0	0	7	235	0	0	125	0	40	
STAGE 3																		
0010	540WB+75	-	547WB+65	STH 29, WB, LT & RT	2,390	-	2,390	-	-	-	2	70	-	-	35	-	15	
0010	540EB+75		544EB+50	STH 29, EB, LT & RT	1,960	-	1,960	-	-	-	2	55	-	-	30	-	15	
				STAGE 3 SUBTOTALS	4,350	0	4,350	0	0	0	4	125	0	0	65	0	30	
STAGE 4																		
0010	27NB+00	-	38NB+00	CTH VV, LT & RT	14,600	-	12,250	2,350	-	-	10	335	45	-	205	-	60	
0010	768XT+40	-	771XT+08	EXISTING TRIANGLE DR	3,700	-	3,700	-	-	-	2	105	-	-	55	-	15	
0010	771XT+25	-	773XT+25	EXISTING TRIANGLE DR	850	-	850	-	-	-	1	25	-	-	15	-	5	
				STAGE 4 SUBTOTALS	19,150	0	16,800	2,350	0	0	13	465	45	0	275	0	80	
STAGE 5																		
0010	516WB+04	-	525WB+64	STH 29, WB, LT	3,450	-	3,450	-	-	-	3	95	-	-	50	-	15	
0010	524EB+19		526EB+58	STH 29, EB, RT	620	-	620	-	-	-	1	20	-	-	10	-	5	
0010	201RA+88	-	206RA+00	RAMP A, LT & RT	1,430	-	1,430	-	-	-	1	40	-	-	25	-	10	
0010	311RB+00	-	315RB+15	RAMP B, LT & RT	1,185	-	1,185	-	-	-	1	35	-	-	20	-	10	
0010	509RD+60	-	514RD+00	RAMP D, LT & RT	1,880	-	1,880	-	-	-	2	55	-	-	30	-	10	
0010	752XO+55	-	754XO+20	EXISTING N. OVERLAND RD	1,210	-	1,210	-	-	-	1	35	-	-	20	-	5	
0010	684T+99	-	686T+95	TRIANGLE DR, LT & RT	2,410	-	2,410	-	-	-	2	70	-	-	35	-	10	
0010	787XT+18	-	789XT+00	EXISTING TRIANGLE DR	1,910	-	1,910	-	-	-	2	55	-	-	30	-	10	
				STAGE 5 SUBTOTALS	14,095	0	14,095	0	0	0	13	405	0	0	220	0	75	

FINISHING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.2023 EROSION MAT CLASS II TYPE B SY	628.2037 EROSION MAT CLASS III TYPE C SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0175 SEEDING MIXTURE NO. 75 LB	630.0200 SEEDING TEMPORARY LB	630.0300 SEEDING BORROW PIT LB	630.0500 SEED WATER MGAL	REMARKS
STAGE 6																		
0010	479EB+68	-	490EB+00	STH 29, EB, LT & RT	7,535	-	7,535	-	-	-	5	205	-	-	105	-	35	
0010	484WB+67	-	494WB+89	STH 29, WB, LT & RT	6,500	-	6,500	-	-	-	5	180	-	-	90	-	30	
0010	552EB+30	-	566EB+61	STH 29, EB, LT & RT	5,900	-	5,900	-	-	-	4	165	-	-	85	-	30	
0010	556WB+50	-	467WB+22	STH 29, WB, LT & RT	8,375	-	8,375	-	-	-	6	230	-	-	115	-	35	
0010	572EB+50	-	579EB+55	STH 29, EB, LT & RT	1,340	-	1,340	-	-	-	1	40	-	-	20	-	10	
0010	576WB+00	-	579WB+55	STH 29, WB, LT & RT	2,110	-	2,110	-	-	-	2	60	-	-	35	-	10	
0010	410RC+00	-	414RC+48	RAMP C, LT & RT	8,315	-	8,315	-	-	-	6	230	-	-	115	-	35	
0010	100OH+00	-	113OH+50	OLD HWY 29, LT & RT	8,060	-	8,060	-	-	-	6	225	-	-	115	-	35	
0010	705XCL+17	-	706XCL+51	EXISTING CTY U	1,460	-	1,460	-	-	-	1	45	-	-	25	-	10	
0010	709XCL+91	-	717XCL+50	EXISTING CTH U	3,550	-	3,550	-	-	-	3	100	-	-	50	-	20	
0010	716XOH+00	-	721XOH+65	EXISTING OLD HWY 29	5,400	-	5,400	-	-	-	4	150	-	-	75	-	25	
0010	544EB+00	-	553EB+00	STH 29, EB, LT	75	-	75	-	-	-	0.5	5	-	-	5	-	1	PULLBOX REMOVALS
0010	566WB+00	-	577WB+00	STH 29, WB, RT	125	-	125	-	-	-	0.5	5	-	-	5	-	1	PULLBOX REMOVALS
0010	-	-	-	EROSION CONTROL	-	-	-	-	-	-	38	-	-	-	800	-	-	FOR ALL STAGES
0010	-	-	-	UNDISTRIBUTED	70,500	20,000	59,940	10,560	100	100	81	3,005	155	-	1,510	300	328	FOR ALL STAGES
				STAGE 6 SUBTOTALS	129,245	20,000	118,685	10,560	100	100	163	4,645	155	0	3,150	300	605	
				TOTAL 0010	315,700	115,000	269,500	51,200	525	525	360	9,015	650	50	7,130	1,650	1,430	

ROUNDABOUT LANDSCAPING

CATEGORY	LOCATION	632.0101.01 TREES (SYRINGA RETICULATA, B&B, 2" CAL), IVORY SILK LILAC EACH	632.0101.02 TREES (JUNIPERUS CHINENSIS, B&B, 48" HT), SPARTAN JUNIPER EACH	632.0201.01 SHRUBS (PHYSOCARPUS OPULIFOLIUS 'MONLO', CG, #5) NINEBARK DIABOLO EACH	632.0201.02 SHRUBS (POTENTILLA FRUTICOAS, CG, #2), ABBOTSWOOD POTENTILLA EACH	SPV.0060.40 GRASSES, FEATHER REED GRASS (KARL FOERSTER), CG, #1 EACH	SPV.0060.41 PERENNIALS, RUSSIAN SAGE, CG, #1 EACH	SPV.0060.42 PERENNIALS, PROFESSOR KIPPENBEG ASTER, CG, #1 EACH	SPV.0060.43 PERENNIALS, PURPLE GAS PLANT, CG, #1 EACH	SPV.0060.44 PERENNIALS, BUTTERFLY FLOWER, CG, #1 EACH	SPV.0060.45 PERENNIALS, 'BRAVADO' CONEFLOWER, CG, #1 EACH	SPV.0060.46 PERENNIALS, 'FIREBALL' MONARDA, CG, #1 EACH	SPV.0060.47 PERENNIALS, 'AUTUMN FIRE' SEDUM, CG, #1 EACH	SPV.0060.48 PERENNIALS, 'STELLA D' ORO' DAYLILLY, CG, #1 EACH	SPV.0060.49 PERENNIALS, 'AUTUMN JOY', SEDUM, CG, #1 EACH	SPV.0060.50 PERENNIALS, MOONSHINE YARROW, CG, #1 EACH
0010	CTH VV-CTH TS RAB	-	4	8	-	49	60	-	-	-	-	-	-	140	232	96
0010	CTH VV-RAMP AB RAB	-	4	8	-	44	59	-	-	-	-	-	-	120	211	87
0010	MARLEY-RAMP CD RAB	3	-	-	36	-	13	25	24	11	43	38	52	130	-	-
0010	MARLEY-EVERGREEN RAB	3	-	-	36	-	16	27	25	14	53	41	71	119	-	-
	TOTAL 0010	6	8	16	72	93	148	52	49	25	96	79	123	509	443	183

3

3

REMOVING TYPE II SIGNS AND REMOVING SMALL SIGN SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1	STH 29/32, W. OF CTH U	D10-3	1	1	
2	"	D10-3	1	1	
3	"	R2-1	1	2	
4	"	J1-1	1	1	
5	"	J1-1	1	1	
6	"	D1-1	1	2	
7	"	D1-3	1	3	
8	"	J4-2	1	2	
9	"	J3-1	1	1	
10	"	R5-1A	1	1	
11	STH 29/32, AT CTH U	R6-1L	1	1	ALSO REMOVE R1-2
12	"	R6-1L	1	1	ALSO REMOVE R1-2
13	"	R5-1	1	1	
14	"	J3-1	1	1	
15	"	R5-1	---	---	PART OF REMOVAL FOR SIGN #14
16	"	R6-1L	1	1	ALSO REMOVE R1-2
17	"	R5-1	1	1	
18	CTH U, AT STH 29/32	R4-7	1	1	
19	"	R3-2	---	---	PART OF REMOVAL FOR SIGN #18
20	CTH U	D1-1	1	2	
21	OLD WIS 29	W3-1	1	1	
22	"	W1-6	1	1	
23	CTH U, AT STH 29/32	J13-2	1	2	
24	"	R1-1	1	1	ALSO REMOVE R6-1R
25	"	R1-1	1	1	ALSO REMOVE R6-1R
26	"	R4-7	1	1	
27	"	R3-2	1	1	
28	"	R4-7	---	---	PART OF REMOVAL FOR SIGN #27
29	STH 29/32, AT CTH U	R6-1R	---	---	PART OF REMOVAL FOR SIGN #11
30	CTH U	J4-1	1	1	
31	"	D1-1	1	2	
32	"	R4-7	1	1	
32A	"	R2-1	1	1	
33	CTH U, AT STH 29/32	R6-1R	1	1	ALSO REMOVE R1-2
34	"	R6-1R	1	1	ALSO REMOVE R1-2
35	"	J13-2	1	2	
36	STH 29/32, AT CTH U	R6-1R	---	---	PART OF REMOVAL FOR SIGN #37
37	"	R6-1L	1	1	ALSO REMOVE R1-2
38	"	R5-1	1	1	
39	"	J3-1	---	---	PART OF REMOVAL FOR SIGN #38
	PAGE SUBTOTALS		34	43	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

3

REMOVING TYPE II SIGNS AND REMOVING SMALL SIGN SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
40	STH 29/32, E. OF CTH U	R5-1A	1	1	
41	"	J3-1	1	1	
42	"	D1-1	1	2	
43	"	J4-2	1	2	
44	"	D1-3	1	3	
45	"	I2-3A	1	2	
46	"	J1-1	1	1	
47	"	J1-1	1	1	
48	"	R2-1	1	2	
49	STH 29/32, W. OF CTH VV	R2-1	1	2	
50	"	R5-1A	1	1	
51	"	R5-1	1	1	
52	"	J4-2	1	2	
53	STH 29/32, AT CTH VV TURNAROUND	R3-18	1	1	
54	"	R6-2L	1	1	
55	"	R6-1L	1	1	ALSO REMOVE R1-2
56	"	R5-1	1	1	
57	"	J2-3	1	2	
58	STH 29/32, W. OF CTH VV	J4-2	1	2	
59	"	R2-1	1	2	
60	OVERLAND RD CUL DE SAC	W5-56	1	2	
61	STH 29/32, W. OF CTH VV	J1-1	1	1	
61A	"	D1-1	1	2	
62	MARLEY ST	W1-6	1	1	
63	"	W1-6	1	1	
64	STH 29/32, W. OF CTH VV	J2-2	1	2	
65	"	J2-3	1	3	
66	CTH VV	R10-64B	1	1	
67	"	I2-3	1	1	ALSO REMOVE R7-66
68	"	W1-6	1	1	
69	STH 29/32, W. OF CTH VV	R5-1A	1	1	
70	"	J2-2	1	2	
71	"	J2-3	1	3	
72	MARLEY ST	R2-1	1	1	
	PAGE SUBTOTALS		34	53	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

3

REMOVING TYPE II SIGNS AND REMOVING SMALL SIGN SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
73	MARLEY ST, AT STH 29/32	J13-3	1	3	
74	"	R1-1	1	1	ALSO REMOVE R6-1R
75	"	R4-7	1	1	
76	MARLEY ST, AT MILLTOWN RD	W1-7	1	1	ALSO REMOVE D1-2
77	"	I2-3	1	1	ALSO REMOVE R7-66
78	MARLEY ST, AT STH 29/32	R1-1	1	1	ALSO REMOVE R6-1R
79	MARLEY ST, AT MILLTOWN RD	R1-1	1	1	
80	"	D1-1	1	2	
81	MARLEY ST, AT STH 29/32	R3-2	1	1	
82	"	R4-7	---	---	PART OF REMOVAL FOR SIGN #81
83	STH 29/32, AT CTH VV/MARLEY ST	R5-1	1	1	
84	"	R1-2	1	1	ALSO REMOVE R6-1R
85	"	R5-1	1	1	
86	"	R1-2	1	1	ALSO REMOVE R6-1L
87	MILLTOWN RD	R2-1	1	1	
88	MARLEY ST, AT STH 29/32	R6-1L	---	---	PART OF REMOVAL FOR SIGN #78
89	STH 29/32, W. OF CTH VV	R5-1	1	1	
90	STH 29/32, AT CTH VV/MARLEY ST	R6-1R	---	---	PART OF REMOVAL FOR SIGN #91
91	"	R1-2	1	1	ALSO REMOVE R6-1L
92	"	J13-1	1	1	
93	"	R1-2	1	1	ALSO REMOVE R6-1L
94	"	R6-1R	---	---	PART OF REMOVAL FOR SIGN #86
95	CTH VV, AT STH 29/32	R4-7	1	1	
96	"	R3-2	---	---	PART OF REMOVAL FOR SIGN #95
97	"	R4-7	1	1	
98	"	R1-1	1	1	ALSO REMOVE R6-1R
99	"	R6-1L	---	---	PART OF REMOVAL FOR SIGN #98
100	"	R1-1	1	1	ALSO REMOVE R6-1R
	PAGE SUBTOTALS		22	25	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

REMOVING TYPE II SIGNS AND REMOVING SMALL SIGN SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
101	CTH VV, AT STH 29/32	J13-2	1	2	
102	STH 29/32, E. OF CTH VV	J2-2	1	2	
103	"	J2-2	1	2	
104	"	R5-1	1	1	
105	"	J13-1	1	1	
106	"	R5-1A	1	1	
107	MILLTOWN RD	W1-6	1	1	
108	"	W1-6	---	---	PART OF REMOVAL FOR SIGN #107
109	STH 29/32, E. OF CTH VV	D1-1	1	2	
110	"	R2-1	1	2	
111	"	J3-2	1	2	
112	"	J3-2	1	2	
113	"	J4-2	1	2	
114	STH 29/32, AT CTH VV TURNAROUND	J3-2	1	2	
115	"	R1-2	1	1	ALSO REMOVE R6-1L
116	"	R5-1	1	1	
117	"	R6-2L	1	1	
118	STH 29/32, E. OF CTH VV	R5-1	1	1	
119	"	R3-18	1	1	
120	"	J4-2	1	2	
120A	"	R2-1	1	2	
121	"	R5-1A	1	1	
122	CTH U, S. OF STH 29/32	I2-2R	1	2	
123	OLD WIS 29	R1-1	1	1	
124	"	W1-6	1	1	
125	"	W1-4R	1	1	ALSO REMOVE W13-1
126	CTH U, S. OF STH 29/32	I2-3	1	1	ALSO REMOVE R7-66
127	CTH U, N. OF STH 29/32	W3-1	1	1	
128	GLENDALE AVE	R1-1	1	1	
129	VACANT	---	---	---	
130	"	R1-1	1	1	
131	CTH U, N. OF GLENDALE AVE	R2-1	1	1	
132	MARLEY ST, S. OF MILLWOOD CT	W1-2L	1	1	
133	"	R2-1	1	1	
134	MILLWOOD CT	R1-1	1	1	
134A	"	W14-1	1	1	
135	CTH VV, W. OF OVERLAND RD	W2-1	1	1	
136	OVERLAND RD	R1-1	1	1	
137	OVERLAND RD	R1-1	1	1	
138	CTH VV, E. OF OVERLAND RD	W3-1	1	1	
139	MILLTOWN RD	W1-2R	1	1	
	PAGE SUBTOTALS		39	51	
	PROJECT TOTALS		**129**	**172**	

3

PLAN SHEET PRODUCED BY WisDOT - NE REGION

3

SUMMARY OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	REMARKS
207	"	W1-6	48" X 24"	---	---	8.00	1				
208	"	W1-4R	30" X 30"	---	---	6.25		1			
209	VACANT	---	--- X ---	---	---	---	---	---	---	---	
210	VACANT	---	--- X ---	---	---	---	---	---	---	---	
211	VACANT	---	--- X ---	---	---	---	---	---	---	---	
212	VACANT	---	--- X ---	---	---	---	---	---	---	---	
213	CTH U, N. OF STH 29/32	W1-7	48" X 24"		---	8.00		1			
214	VACANT	---	--- X ---	---	---	---	---	---	---	---	
215	CTH U, N. OF STH 29/32	W14-1	30" X 30"	---	---	6.25		1			
216	CTH U, N. OF STH 29/32	R1-1	30" X 30"	5.18	---	---		1			
216A	CTH U, S. OF STH 29/32	W1-2L	30" X 20"		---	4.17		1			
216B	"	W1-7	48" X 24"		---	8.00		1			
217	STH 29/32, E. OF CTH U OVERPASS	I2-3A	84" X 30"	17.50	---	---		2			
218	"	R2-1	48" X 60"	20.00	---	---				2	70 MPH
219	"	J4-2	72" X 54"	27.00	---	---				2	WEST STH 29, NORTH STH 32
220	STH 29/32, EXIT TO CTH VV	E5-1A	90" X 60"	37.50	---	---				2	EXIT 253
221	STH 29/ 32 EXIT RAMP TO CTH VV	W2-6	30" X 30"	---	---	6.25					
222	"	W13-1	18" X 18"	---	---	2.25					
223	"	D1-62	120" X 42"	35.00	---	---					
224	"	W3-2	36" X 36"	---	---	9.00					
225	VACANT	---	--- X ---	---	---	---	---	---	---	---	
226	"	R5-1A	36" X 24"	6.00	---	---	1				
227	"	R5-1A	36" X 24"	6.00	---	---	1				
228	"	R1-2	36" X 31"	3.88	---	---			1		
229	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #228
230	"	R1-2	36" X 31"	3.88	---	---				1	
231	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #230
232	CTH VV, AT STH 29 EB RAB RAMP TERMINI	R5-1	36" X 36"	9.00	---	---		1			
233	"	R3-1	24" X 24"	4.00	---	---		1			
234	"	R6-1R	36" X 12"	3.00	---	---	2				
235	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #234
236	"	D1-1	108" X 96"	72.00	---	---					CTH VV, SEE SIGN DETAIL SHEET
237	"	R1-2	36" X 31"	3.88	---	---				1	
	PAGE SUBTOTALS			271.32	0.00	58.17	5	10	1	8	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

SUMMARY OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	REMARKS
238	CTH VV, AT STH 29 EB RAB RAMP TERMINI	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #237
239	"	R1-2	36" X 31"	3.88	---	---			1		
240	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #239
241	CTH VV, W. OF STH 29 EB RAMP TERMINI	M1-5A	24" X 24"	4.00	---	---		1			COUNTY VV
242	"	W3-2	36" X 36"	---	---	9.00		1			
243	"	D1-62	108" X 96"	72.00	---	---					SEE SIGN DETAIL SHEET
244	"	W3-2	36" X 36"	---	---	9.00		1			
245	"	J1-3	72" X 39"	19.50	---	---		2			JCT STH 29, JCT STH 32, END CTH VV
246	CTH VV, AT RAB TO NEW DEVELOPMENT	D1-1	36" X 18"	4.50	---	---	1				CTH VV, SEE SIGN DETAIL SHEET
246A	"	R2-1	24" X 30"	5.00	---	---		1			35 MPH
247	"	R6-1R	36" X 12"	3.00	---	---	2				
248	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #247
249		R1-2	36" X 31"	3.88	---	---			1		
250		R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #249
251		R1-2	36" X 31"	3.88	---	---				1	
252		R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #251
253	NEW DEVELOPMENT STUB	W2-6	30" X 30"	---	---	6.25			1		
254	"	W13-1	18" X 18"	---	---	2.25					15 MPH, MOUNT BELOW SIGN #253
255	"	W3-2	36" X 36"	---	---	9.00		1			
256	"	J13-1	24" X 45"	7.50	---	---		1			CTH VV, SEE PLAN SHEET
257	"	D1-2	X 15"	0.00	---	---	1				SEE SIGN DETAIL SHEET
258	CTH VV, AT RAB TO NEW DEVELOPMENT	R6-1R	36" X 12"	3.00	---	---	2				
259	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #258
260	"	R6-1R	36" X 12"	3.00	---	---	2				
261	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #260
262	"	R1-2	36" X 31"	3.88	---	---			1		
263	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #262
264	"	R1-2	36" X 31"	3.88	---	---			1		
265	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #264
266	"	D1-1	X 15"	0.00	---	---	1				CTH VV, SEE SIGN DETAIL SHEET
267	CTH VV, W. OF NEW DEVELOPMENT	M1-5A	24" X 24"	4.00	---	---	1				
268	"	R4-7	24" X 30"	5.00	---	---		1			
269	"	W3-2	36" X 36"	---	---	9.00		1			
270	"	R4-7	24" X 30"	5.00	---	---		1			
271	"	R2-1	24" X 30"	5.00	---	---		1			55 MPH
271A	"	R2-1	24" X 30"	5.00	---	---		1			35 MPH
272	"	R4-7	24" X 30"	5.00	---	---		1			
273	"	W2-6	30" X 30"	---	---	6.25		1			
274	"	W13-1	18" X 18"	---	---	2.25					15 MPH, MOUNT BELOW SIGN #273
274A	"	W14-3	48" X 36"	---	---	6.00		1			
275	CTH VV, AT RAB TO NEW DEVELOPMENT	R1-2	36" X 31"	3.88	---	---			1		
	PAGE SUBTOTALS			226.28	0.00	59.00	10	16	6	1	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

SUMMARY OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	REMARKS
276	CTH VV, AT RAB TO NEW DEVELOPMENT	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #275
277	"	R1-2	36" X 31"	3.88	---	---				1	
278	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #277
279	CTH VV, AT STH 29 EB RAB RAMP TERMINI	R6-1R	36" X 12"	3.00	---	---	2				
280	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #279
281	CTH VV ON-RAMP TO STH 29 EB	R5-57	36" X 36"	9.00	---	---		1			
282	CTH VV, AT STH 29 EB RAB RAMP TERMINI	D1-1	X 30"	0.00	---	---		2			EAST STH 29, SOUTH STH 32, SEE SIGN DETAIL SHEET
283	"	R6-1R	36" X 12"	3.00	---	---	2				
284	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #283
285	CTH VV, AT STH 29 EB RAB RAMP TERMINI	D2-2	X	0.00	---	---		2			WEST STH 29, NORTH STH 32, SEE SIGN DETAIL SHEET
286	"	R1-2	36" X 31"	3.88	---	---			1		
287	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #286
288	"	R1-2	36" X 31"	3.88	---	---				1	
289	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #288
290	CTH VV, BETWEEN RAMP TERMINI	D1-62	X	0.00	---	---			3		SEE SIGN DETAIL SHEET
291	"	D1-62	X	0.00	---	---			3		SEE SIGN DETAIL SHEET
292	STH 29/32, E. OF CTH VV STRUCTURE	W4-1	48" X 48"	---	---	16.00			2		
293	MARLEY ST, AT STH 29 WB RAB RAMP TERMINI	R1-2	36" X 31"	3.88	---	---			1		
294	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #293
295	"	R1-2	36" X 31"	3.88	---	---			1		
296	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #295
297	"	D2-2	X 30"	0.00	---	---		2			EAST STH 29, SOUTH STH 32, CTH VV, SEE SIGN DETAIL SHEET
298	"	R6-1R	36" X 12"	3.00	---	---	2				
299	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #298
300	"	R3-1	24" X 24"	4.00	---	---		1			
301	"	R5-1	36" X 36"	9.00	---	---		1			
302	"	R6-1R	36" X 12"	3.00	---	---	2				
303	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #302
304	STH 29/32 OFF-RAMP TO MARLEY ST	R1-2	36" X 31"	3.88	---	---				1	
305	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #304
306	"	R1-2	36" X 31"	3.88	---	---			1		
307	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #306
308	"	R5-1A	36" X 24"	6.00	---	---		1			
309	"	R5-1A	36" X 24"	6.00	---	---		1			
310	"	D1-2	60" X 30"	12.50	---	---		2			HOBART, HOWARD, SEE SIGN DETAIL SHEET
311	"	W3-2	36" X 36"	---	---	9.00			1		
312	"	D1-62	120" X 42"	35.00	---	---		3			CTH VV, MARLEY ST, SEE SIGN DETAIL SHEET
	PAGE SUBTOTALS			190.66	0.00	25.00	8	16	13	3	

3

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

SUMMARY OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	REMARKS
313	STH 29/32 OFF-RAMP TO MARLEY ST	E5-1A	90" X 60"	37.50	---	---				2	EXIT 253
314	"	W2-6	30" X 30"	---	---	6.25				1	
315	"	W13-1	18" X 18"	---	---	2.25					15 MPH, MOUNT BELOW SIGN #314
316	MARLEY ST, AT STH 29 WB RAB RAMP TERMINI	D1-1	48" X 24"	8.00	---	---	1				CTH VV, SEE SIGN DETAIL SHEET
316A	"	R2-1	24" X 30"	5.00	---	---		1			35 MPH
317	"	R1-2	36" X 31"	3.88	---	---				1	
318	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #317
319	"	R1-2	36" X 31"	3.88	---	---			1		
320	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #319
321	"	R6-1R	36" X 12"	3.00	---	---	2				
322	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #321
323	MARLEY ST ON-RAMP TO STH 29/32	D1-1	72" X 36"	18.00	---	---		2			WEST STH 29, NORTH STH 32, SEE SIGN DETAIL SHEET
324	"	R5-57	36" X 36"	9.00	---	---		1			
325	STH 29/32, W. OF CTH VV STRUCTURE	W4-1	48" X 48"	---	---	16.00			2		
326	MARLEY ST, N. OF STH 29/32	W3-2	36" X 36"	---	---	9.00			1		
327	"	D1-62	120" X 42"	35.00	---	---			3		SEE SIGN DETAIL SHEET
328	"	W3-2	36" X 36"	---	---	9.00			1		
329	"	J1-3	72" X 39"	19.50	---	---			2		JCT STH 29, JCT STH 32, JCT CTH VV
329A	"	R2-1	24" X 30"	5.00	---	---		1			35 MPH
330	MARLEY ST, AT MILLTOWN RD RAB	D1-1	48" X 24"	8.00	---	---	1				MARLEY ST, SEE SIGN DETAIL SHEET
331	"	R1-2	36" X 31"	3.88	---	---				1	
332	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #331
333	"	R1-2	36" X 31"	3.88	---	---			1		
334	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #333
335	MILLTOWN RD, AT MARLEY ST RAB	D1-1	X	0.00	---	---	1				MILLTOWN RD, SEE SIGN DETAIL SHEET
336	"	R1-2	36" X 31"	3.88	---	---				1	
337	"	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #336
338	MILLTOWN RD, E. OF MARLEY ST RAB	R2-1	24" X 30"	5.00	---	---		1			40 MPH
339	"	W1-4R	30" X 30"	---	---	6.25		1			
340	"	W1-6	48" X 24"	---	---	8.00		1			
341	"	W2-6	30" X 30"	---	---	6.25				1	
342	"	W13-1	18" X 18"	---	---	2.25					15 MPH, MOUNT BELOW SIGN #341
342A	"	W1-6	48" X 24"	---	---	8.00		1			
343	"	W3-2	36" X 36"	---	---	9.00		1			
344	MILLTOWN RD, AT MARLEY ST RAB	R1-2	36" X 31"	3.88	---	---			1		
345	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #344
346	MARLEY ST, AT MILLTOWN RD RAB	R6-1R	36" X 12"	3.00	---	---	2				
347	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #346
348	"	R6-1R	36" X 12"	3.00	---	---	2				
349	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #348
350	"	R6-1R	36" X 12"	3.00	---	---	2				
351	"	R6-4B	60" X 24"	10.00	---	---					MOUNT BELOW SIGN #350
352	"	D1-1	X	0.00	---	---	1				MARLEY ST, SEE SIGN DETAIL SHEET
353	"	R1-2	36" X 31"	3.88	---	---				1	
	PAGE SUBTOTALS			251.66	0.00	82.25	12	10	12	8	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

3

3

SUMMARY OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE H S.F.	637.2220 SIGNS TYPE II REFLECTIVE SH S.F.	637.2230 SIGNS TYPE II REFLECTIVE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	REMARKS
354	MARLEY ST, AT MILLTOWN RD RAB	R6-2R	24" X 30"	5.00	---	---					MOUNT BELOW SIGN #353
355	"	R1-2	36" X 31"	3.88	---	---			1		
356	"	R1-54	24" X 15"	2.50	---	---					MOUNT BELOW SIGN #355
357	MARLEY ST, N. OF MILLTOWN RD	R2-1	24" X 30"	5.00	---	---		1			40 MPH
357A	"	W3-2	36" X 36"	---	---	9.00			1		
357B	"	R4-7	24" X 30"	5.00	---	---		1			
357C	"	R2-1	24" X 30"	5.00	---	---		1			35 MPH
358	MILLWOOD CT	R1-1	30" X 30"	5.18	---	---					
359	MARLEY ST, N. OF MILLWOOD CT	R4-7	24" X 30"	5.00	---	---		1			
360	"	R4-7	24" X 30"	5.00	---	---		1			
361	"	W2-6	30" X 30"	---	---	6.25				1	
362	"	W13-1	18" X 18"	---	---	2.25					15 MPH, MOUNT BELOW SIGN #361
362A	"	W14-3	48" X 36"	---	---	6.00		1			
363	MILLTOWN RD, E. OF MARLEY ST	W1-6	48" X 24"	---	---	8.00		1			
363A	"	W1-6	48" X 24"	---	---	8.00		1			
364	"	W1-4R	30" X 30"	---	---	6.25		1			
365	"	R2-1	24" X 30"	5.00	---	---		1			40 MPH
366	MILLTOWN RD, AT OLD MILLTOWN RD	R6-2L	24" X 30"	5.00	---	---		1			
367	"	R4-7	24" X 30"	5.00	---	---		1			
368	OLD MILLTOWN RD	R6-1R	36" X 12"	3.00	---	---					MOUNT ABOVE SIGN #369
369	"	R1-1	30" X 30"	5.18	---	---				1	
370	"	R6-3A	30" X 24"	5.00	---	---					MOUNT BELOW SIGN #369
371	"	W1-6	48" X 24"	---	---	8.00		1			
372	OLD MILLTOWN RD CUL DU SAC	W5-56	18" X 18"	---	2.25	---	1				
373	"	W5-56	18" X 18"	---	2.25	---	1				
374	"	W5-56	18" X 18"	---	2.25	---	1				
375	STH 29/32, E. OF CTH VV INTERCHANGE	J4-2	72" X 54"	27.00	---	---					
376	"	R2-1	48" X 60"	20.00	---	---					
377	MILLTOWN RD, E. OF OLD MILLTOWN RD	W6-2	36" X 36"	---	---	9.00			1		
378	"	R5-1A	36" X 24"	6.00	---	---					MOUNT ON BACK OF SIGN #377
379	"	R5-1	30" X 30"	6.25	---	---		1			
380	"	R4-7	24" X 30"	5.00	---	---		1			
381	"	W6-3	36" X 36"	---	---	9.00			1		
382	"	W6-1	36" X 36"	---	---	9.00			1		
383	MILLTOWN RD, AT N. PINE TREE RD	W1-7	48" X 24"	---	---	8.00		1			
384		R1-1	30" X 30"	5.18	---	---		1			
385		R2-1	24" X 30"	5.00	---	---		1			40 MPH
386		W3-1	36" X 36"	---	---	9.00			1		
387	STH 29/32, AT N. PINE TREE RD STRUCTURE	M1-94	X	0.00	---	---		2			N. PINE TREE RD, SEE SIGN DETAIL SHEET
388	"	M1-94	X	0.00	---	---		2			N. PINE TREE RD, SEE SIGN DETAIL SHEET
389	N. PINE TREE RD	W3-1	36" X 36"	---	---	9.00			1		
390	"	R1-1	30" X 30"	5.18	---	---		1			
391	OVERLAND CUL DU SAC	W5-56	18" X 18"	---	2.25	---	1				
392	"	W5-56	18" X 18"	---	2.25	---	1				
393	"	W5-56	18" X 18"	---	2.25	---	1				
	PAGE SUBTOTALS			149.35	13.50	106.75	6	23	7	2	
	PROJECT TOTALS			**1089.27**	**13.50**	**331.17**	**41**	**75**	**39**	**22**	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

3

ERECTION AND REMOVAL OF PERMANENT SIGNING, TYPE I AND SIGN SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	637.1220 SIGNS TYPE I REFLECTIVE SH W X H	637.1220 SIGNS TYPE I REFLECTIVE SH S.F.	635.0200 SIGN SUPPORTS STRUCT. STEEL HIGH-STRENGTH LB	636.0100 SIGN SUPPORTS CONCRETE MASONRY CY	636.0500 SIGN SUPPORTS STEEL REINFORCEMENT LB	638.2601 REMOVING TYPE I SIGNS EACH	638.3100 REMOVING STRUCT. STEEL SIGN SUPPORTS EACH	TYPE/SIZE OF STEEL	INFO ONLY - POST LENGTH TO BE VERIFIED BY CONTRACTOR POST NO. 1 LENGTH FT	POST NO. 2 LENGTH FT	OFFSET DISTANCE FT	DISTANCE BETWEEN POSTS (S) FT	REMARKS
400	STH 29 EB/32 SB, E. OF CTH U OVERPASS	E9-1	144" X 78	78.00	663	1.2	68	---	---	2-TYPE A	20.2	22.4	30.0	9.0	HOBART-HOWARD NEXT 2 EXITS, SEE SIGN DETAIL SHEET
401	STH 29 EB/32 SB, W. OF CTH U OVERPASS	E1-51A	192" X 148"	197.33	1096	1.6	98	---	---	2-TYPE B	23.9	26.3	30.0	9.6	CTH VV-MARLEY ST 1 MILE, SEE SIGN DETAIL SHEET
402	"	E1-5P	132" X 30"	27.50	---	---	---	---	---	---	---	---	---	---	EXIT 253, MOUNT ABOVE SIGN #401
403	STH 29 EB/32 SB, AT EXIT RAMP TO CTH VV	E4-1A	228" X 120"	190.00	1029	1.6	98	---	---	2-TYPE B	21.6	24.4	30.0	11.4	CTH VV-MARLEY ST, SEE SIGN DETAIL SHEET
404	"	E1-5P	132" X 30"	27.50	---	---	---	---	---	---	---	---	---	---	EXIT 253, MOUNT ABOVE SIGN #403
405	STH 29 WB/32 NB, AT EXIT RAMP TO CTH VV	E4-1A	228" X 90"	142.50	1034	1.6	98	---	---	2-TYPE B	22.1	24.2	30.0	11.4	CTH VV-MARLEY ST, SEE SIGN DETAIL SHEET
406	"	E1-5P	132" X 30"	27.50	---	---	---	---	---	---	---	---	---	---	EXIT 253, MOUNT ABOVE SIGN #405
407	STH 29 WB/32 NB, E. OF N PINE TREE RD	E1-51A	192" X 148"	197.33	1104	1.6	98	---	---	2-TYPE B	24.5	26.2	30.0	9.6	CTH VV-MARLEY ST 1 MILE, SEE SIGN DETAIL SHEET
408	"	E1-5P	132" X 30"	27.50	---	---	---	---	---	---	---	---	---	---	EXIT 253, MOUNT ABOVE SIGN #407
409	STH 29 WB/32 NB, E. OF CTH FF	E9-1	144" X 78"	78.00	672	1.2	68	---	---	2-TYPE A	20.5	22.8	30.0	9.0	HOBART-HOWARD NEXT 2 EXITS, SEE SIGN DETAIL SHEET
410	STH 29 EB/32 SB, W. OF CTH FF	E1-51A	228" X 156"	247.00	1457	1.8	100	1	2	2-TYPE C	27.5	30.0	30.0	11.4	CTH FF HILLCREST DR-SHERWOOD ST 1 MILE, SEE SIGN DETAIL SHEET
411	"	E1-5P	132" X 30"	27.50	---	---	---	1	---	---	---	---	---	---	EXIT 255, MOUNT ABOVE SIGN #410
412	"	E4-1A	276" X 126"	241.50	1034	1.6	98	1	2	2-TYPE B	21.4	24.9	17.5	13.8	CTH FF HILLCREST DR-SHERWOOD ST, SEE SIGN DETAIL SHEET
413	"	E1-5P	132" X 30"	27.50	---	---	---	1	---	---	---	---	---	---	EXIT 255, MOUNT ABOVE SIGN #412
414	STH 29 WB/32 NB. E. OF CTH FF	E6-1	180" X 120"	150.00	---	---	---	1	---	---	---	---	---	---	CTH FF HILLCREST DR-SHERWOOD ST, SEE SIGN DETAIL SHEET, MOUNT ON S-05-190
415	"	E1-5P	132" X 30"	27.50	---	---	---	1	---	---	---	---	---	---	EXIT 255, MOUNT ABOVE SIGN #414
416	"	E1-51A	228" X 156"	247.00	1466	1.8	100	1	2	2-TYPE C	27.6	30.4	30.0	11.2	CTH FF HILLCREST DR-SHERWOOD ST 1 MILE, SEE SIGN DETAIL SHEET
417	"	E1-5P	132" X 30"	27.50	---	---	---	1	---	---	---	---	---	---	EXIT 255, MOUNT ABOVE SIGN #416
	PROJECT TOTALS			**1988.67**	**9555**	**14.0**	**826**	**8**	**6**						

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY - CTH VV DETOUR

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 151 DAYS	643.0900 SIGNS DAYS*	643.0420 BARRICADES TYPE III DAYS*	643.0705 WARNING LIGHTS TYPE A DAYS*	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	REMARKS
1	CTH VV, W. OF CTH U, PLACE 1/4 MILE W. OF CTH U INTERSECTION	M 1-5A	24"X24"	1	151	151				VV
	"	W 20-2A	48"X48"	1	151	151				
2	CTH VV, W. OF CTH U, PLACE 750' W. OF CTH U INTERSECTION	M 4-5	24"X12"	1	151	151				
	"	M 1-6	24"X24"	1	151	151				29
	"	MO 5-1L	21"X21"	1	151	151				
	"	M 4-5	24"X12"	1	151	151				
	"	M 1-6B	24"X24"	1	151	151				32
	"	MO 5-1L	21"X21"	1	151	151				
3	CTH VV, W. OF CTH U, PLACE NEXT TO SIGN #2	MO 4-8	24"X12"	1	151	151				
	"	M 1-5A	24"X24"	1	151	151				VV
	"	MO 5-1L	21"X21"	1	151	151				
4	CTH VV, AT CTH U, MODIFY EXISTING J13-2 SIGN AS SHOWN AT CTH U INTERSECTION	MO 4-8	24"X12"	1	151	151				
	"	MO 6-1	21"X21"	1	151	151				LEFT
5		M 4-5	24"X12"	1	151	151				
	"	M 1-6	24"X24"	1	151	151				29
	"	MO 6-1	21"X21"	1	151	151				LEFT
	"	M 4-5	24"X12"	1	151	151				
	"	M 1-6B	24"X24"	1	151	151				32
	"	MO 6-1	21"X21"	1	151	151				LEFT
6	CTH U, AT CTH VV, MODIFY EXISTING J13-2 AS SHOWN AT CTH VV INTERSECTION	MO 6-1	21"X21"	1	151	151				LEFT
7	CTH VV, AT CTH U, PLACE IN ROADWAY ON E. SIDE OF INTERSECTION	R 11-2	48"X30"	1	151	151	151	302		
	"	M 4-9L	30"X24"	1	151	151				
8	CTH U, AT STH 29/32, PLACE RIGHT OF EXISTING J13-2 SIGN AT STH 29/32 INTERSECTION	MO 4-8	24"X12"	1	151	151				
	"	M 1-5A	24"X24"	1	151	151				VV
	"	MO 6-1	21"X21"	1	151	151				RIGHT
9	STH 29/32, W. OF OLD CTH VV, PLACE 1500' W. OF OLD CTH VV INTERSECTION IN MEDIAN	M 4-5	36"X18"	1	151	151				
	"	M 3-4	36"X18"	1	151	151				
	"	M 1-6	36"X36"	1	151	151				29
	"	MO 6-1	30"X30"	1	151	151				AHEAD
	"	M 4-5	36"X18"	1	151	151				
	"	M 3-1	36"X18"	1	151	151				
	"	M 1-6B	36"X36"	1	151	151				32
	"	MO 6-1	30"X30"	1	151	151				AHEAD
10	STH 29/32, W. OF OLD CTH VV, PLACE 1500' W. OF OLD CTH VV INTERSECTION ON RIGHT SHOULDER	M 4-5	36"X18"	1	151	151				
	"	M 3-4	36"X18"	1	151	151				
	"	M 1-6	36"X36"	1	151	151				29
	"	MO 6-1	30"X30"	1	151	151				AHEAD
	"	M 4-5	36"X18"	1	151	151				
	"	M 3-1	36"X18"	1	151	151				
	"	M 1-6B	36"X36"	1	151	151				32
	"	MO 6-1	30"X30"	1	151	151				AHEAD
	*ADDITIONAL QUANTITIES LISTED ELSEWHERE									
	PAGE SUBTOTALS			41		6,191	151	302	0	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY - CTH VV DETOUR

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 151 DAYS	643.0900 SIGNS DAYS*	643.0420 BARRICADES TYPE III DAYS*	643.0705 WARNING LIGHTS TYPE A DAYS*	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	REMARKS
11	STH 29/32, W. OF OLD CTH VV, MODIFY EXISTING J1-1 SIGN AS SHOWN	MO 4-8A	30"X24"	1	151	151				
12	CTH VV, W. OF STH 29/32, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1					7	PLACE IN ADVANCE OF CLOSURE
13	CTH VV, E. OF CTH U, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION	PCMS		1					7	PLACE IN ADVANCE OF CLOSURE
14	CTH U, AT CTH VV, PLACE RIGHT OF EXISTING R1-1 SIGN	M 1-5A	24"X24"	1	151	151				VV
	"	MO 6-1	21"X21"	1	151	151				RIGHT
15	STH 29/32, AT CTH U, PLACE LEFT OF EXISTING J13-1 SIGN IN MEDIAN	MO 4-8	36"X18"	1	151	151				
	"	M 1-5A	36"X36"	1	151	151				VV
	"	MO 6-1	30"X30"	1	151	151				LEFT
16	STH 29/32, PLACE ACROSS FROM SIGN #15 ON RIGHT SHOULDER	MO 4-8	36"X18"	1	151	151				
	"	M 1-5A	36"X36"	1	151	151				VV
	"	MO 6-1	30"X30"	1	151	151				LEFT
17	STH 29/32, AT CTH VV, MODIFY EXISTING J13-1 SIGN AS SHOWN	MO 6-1	30"X30"	1	151	151				AHEAD
18	STH 29/32, AT CTH VV, PLACE ACROSS FROM SIGN #17 ON RIGHT SHOULDER	MO 4-8	36"X18"	1	151	151				
	"	M 1-5A	36"X36"	1	151	151				VV
	"	MO 6-1	30"X30"	1	151	151				AHEAD
19	STH 29/32, E. OF CTH VV, PLACE 1000' E. OF CTH VV INTERSECTION IN MEDIAN	M 1-5A	36"X36"	1	151	151				VV
	"	W 20-2A	48"X48"	1	151	151				
20	STH 29/32, E. OF CTH VV, PLACE 1000' E. OF CTH VV INTERSECTION ON RIGHT SHOULDER	M 1-5A	36"X36"	1	151	151				VV
	"	W 20-2A	48"X48"	1	151	151				
	*ADDITIONAL QUANTITIES LISTED ELSEWHERE									
	PAGE SUBTOTALS			19		2,567	0	0	14	
	ALTERNATE ROUTE TOTALS			**60**		**8,758**	**151**	**302**	**14**	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY - 29/32 WEST RCUT CLOSURE

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 298 DAYS	643.0900 SIGNS DAYS*	643.1000 SIGNS FIXED MESSAGE SF	REMARKS
1	STH 32, AT STH 29 EB RAMP INTERSECTION, PLACE RIGHT OF EXISTING R3-1 SIGN	M 4-5	24"X12"	1	298	298		
	"	M 3-2	24"X12"	1	298	298		
	"	M 1-6	24"X24"	1	298	298		29
	"	MO 6-1	21"X21"	1	298	298		LEFT
	"	M 4-5	24"X12"	1	298	298		
	"	M 3-3	24"X12"	1	298	298		
	"	M 1-6B	24"X24"	1	298	298		32
	"	MO 6-1	21"X21"	1	298	298		LEFT
2	STH 29/32, AT OFF-RAMP TO STH 32 INTERSECTION, PLACE RIGHT OF EXISTING R5-1 SIGN	M 4-5	24"X12"	1	298	298		
	"	M 3-2	24"X12"	1	298	298		
	"	M 1-6	24"X24"	1	298	298		29
	"	MO 6-1	21"X21"	1	298	298		LEFT
	"	M 4-5	24"X12"	1	298	298		
	"	M 3-3	24"X12"	1	298	298		
	"	M 1-6B	24"X24"	1	298	298		32
	"	MO 6-1	21"X21"	1	298	298		LEFT
3	STH 29/32, AT OFF-RAMP TO STH 32, PLACE IN MEDIAN ACROSS FROM GROUND MOUNT EXIT SIGN	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 6-2	30"X30"	1	298	298		TILT RIGHT
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 6-2	30"X30"	1	298	298		TILT RIGHT
4	STH 29/32, AT OFF-RAMP TO STH 32, PLACE LEFT OF GROUND MOUNT EXIT SIGN ON RIGHT SHOULDER	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 6-2	30"X30"	1	298	298		TILT RIGHT
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 6-2	30"X30"	1	298	298		TILT RIGHT

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

PAGE SUBTOTALS 32 9,536 0

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY - 29/32 WEST RCUT CLOSURE

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 298 DAYS	643.0900 SIGNS DAYS*	643.1000 SIGNS FIXED MESSAGE SF	REMARKS
5	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE IN MEDIAN 1500' PRIOR TO STH 32 OFF-RAMP	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 5-2R	30"X30"	1	298	298		
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 5-2R	30"X30"	1	298	298		
6	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE 1500' PRIOR TO STH 32 OFF-RAMP ON RIGHT SHOULDER	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 5-2R	30"X30"	1	298	298		
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 5-2R	30"X30"	1	298	298		
7	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE 1/2 MILE E. OF CTH U IN MEDIAN	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 6-1	30"X30"	1	298	298		AHEAD
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 6-1	30"X30"	1	298	298		AHEAD
8	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE 1/2 MILE E. OF CTH U ON RIGHT SHOULDER	M 4-5	36"X18"	1	298	298		
	"	M 3-2	36"X18"	1	298	298		
	"	M 1-6	36"X36"	1	298	298		29
	"	MO 6-1	30"X30"	1	298	298		AHEAD
	"	M 4-5	36"X18"	1	298	298		
	"	M 3-3	36"X18"	1	298	298		
	"	M 1-6B	36"X36"	1	298	298		32
	"	MO 6-1	30"X30"	1	298	298		AHEAD
9	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE 3/4 MILE E. OF CTH U IN MEDIAN	FMS	126"X72"	1	298		63	SEE SIGN DETAIL SHEET
10	STH 29/32, E. OF OFF-RAMP TO STH 32, PLACE 3/4 MILE E. OF CTH U ON RIGHT SHOULDER	FMS	126"X72"	1	298		63	SEE SIGN DETAIL SHEET
	*ADDITIONAL QUANTITIES LISTED ELSEWHERE							
	PAGE SUBTOTALS			34		9,536	126	
	29/32 WEST RCUT CLOSURE TOTALS			**66**		**19,072**	**126**	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

3

DELINEATOR ITEMS

CATEGORY	LOCATION	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS EACH
0010	RAMP A	15	15
0010	STH 29, RAMP A TO RAMP B	6	6
0010	RAMP B	21	21
0010	RAMP C	15	15
0010	STH 29, RAMP C TO RAMP D	7	7
0010	RAMP D	22	22
0010	STH 29/CTH U	5	5
	TOTAL 0010	91	91

POND LINER CLAY

CATEGORY	LOCATION	640.1303.S POND LINER CLAY CY
0010	CTH TS POND	1,375
0010	CTH VV POND	1,710
0010	EVERGREEN POND	4,335
	TOTAL 0010	7,420

MARKING REMOVAL LINE

CATEGORY	STATION	TO	STATION	LOCATION	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH LF	646.9210 MARKING REMOVAL LINE WATER BLASTING WIDE LF	REMARKS
STAGE 4								
0010	541EB+25	-	543EB+65	STH 29, EB, RT	35	-	-	
0010	541WB+30	-	548WB+15	STH 29, WB, RT	55	525	-	
				STAGE 4 SUBTOTALS	90	525	0	
STAGE 5								
0010	553EB+10	-	554EB+10	STH 29, EB, RT	100	190	-	
				STAGE 5 SUBTOTALS	100	190	0	
STAGE 6								
0010	479EB+50	-	489EB+25	STH 29, EB, LT & RT	250	780	75	WIDE - 24-INCH DIAGONALS
0010	484WB+90	-	494WB+80	STH 29, WB, LT & RT	255	800	65	WIDE - 24-INCH DIAGONALS
0010	552EB+30	-	554EB+40	STH 29, EB, LT	45	520	75	WIDE - 24-INCH DIAGONALS
0010	560WB+00	-	566WB+00	STH 29, WB, RT	35	550	70	WIDE - 24-INCH DIAGONALS
0010	572EB+25	-	578EB+80	STH 29, EB, LT	45	505	-	
0010	576WB+75	-	579WB+00	STH 29, WB, LT	40	-	-	
0010	11T+90	-	12T+50	TEMPORARY CONNECTION RD	120	-	-	DOUBLE YELLOW
				STAGE 6 SUBTOTALS	790	3,155	285	
				TOTAL 0010	980	3,870	285	

TRAFFIC CONTROL

CATEGORY	STAGE	DAYS	643.0300 DRUMS DAY	* 643.0420 BARRICADES TYPE III DAY	* 643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C DAY	643.0800 ARROW BOARDS DAY	643.0900 SIGNS DAY	* 643.1050 SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	614.0905 CRASH CUSHIONS TEMPORARY EACH
9200-10-71													
0010	STAGE 1	99	5,643	594	891	-	-	2,772	-	-	-	-	-
0010	STAGE 2A	21	798	504	756	-	-	672	14	-	-	-	-
0010	STAGE 2B	84	3,192	2,436	3,528	-	-	2,772	-	-	-	-	-
0010	STAGE 2C	14	266	504	588	-	-	448	14	-	-	-	-
0010	STAGE 3A	20	484	352	444	56	8	1,532	14	-	1,400	1,400	4
0010	STAGE 3B	127	208	1,929	2,334	112	16	8,279	-	-	-	-	-
0010	STAGE 4A	20	104	492	664	56	8	1,512	14	-	-	-	-
0010	STAGE 4B	90	-	2,160	2,880	-	-	2,790	-	-	-	-	-
0010	STAGE 5A	27	2,322	621	918	756	108	2,241	14	-	-	-	-
0010	STAGE 5B	14	630	224	378	280	-	182	7	-	-	-	-
0010	STAGE 6A	14	1,162	546	854	616	28	700	21	-	-	-	-
0010	STAGE 6B	18	5,544	864	1,548	1,404	72	1,656	14	-	-	-	-
0010	STAGE 6C	14	-	126	182	-	-	70	7	-	-	-	-
0010	ENTIRE PROJECT		-	-	-	-	-	-	-	1	-	-	-
0010	UNDISTRIBUTED		1,000	500	700	100	10	1,300	-	-	-	-	-
	PROJECT 9200-10-71	TOTAL 0010	21,353	11,852	16,665	3,380	250	26,926	119	1	1,400	1,400	4

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3040 MARKING LINE GROOVED WET REF EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE) EACH	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	REMARKS
STAGE 2																
0010	59NB+23	-	59NB+29	MARLEY ST, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	58SB+97	-	59SB+05	MARLEY ST, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	59NB+39	-	59NB+47	MARLEY ST, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	40CD+00	-	40CD+42	MARLEY-EVERGREEN RAB, RT	-	77	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	40CD+42	-	40CD+55	MARLEY-EVERGREEN RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	40CD+90	-	41CD+25	MARLEY-EVERGREEN RAB, RT	-	76	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	41CD+25	-	41CD+49	MARLEY-EVERGREEN RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	41CD+82	-	42CD+14	MARLEY-EVERGREEN RAB, RT	-	72	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	42CD+03	-	43CD+25	MARLEY-EVERGREEN RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	42CD+14	-	42CD+37	MARLEY-EVERGREEN RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	42CD+69	-	43CD+03	MARLEY-EVERGREEN RAB, RT	-	73	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	60SB+83	-	60SB+90	MARLEY ST, LT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	61SB+00	-	61SB+08	MARLEY ST, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	61NB+30	-	61NB+38	MARLEY ST, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	61NB+61	-	65NB+25	MARLEY ST, RT	364	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	61SB+47	-	63SB+34	MARLEY ST, LT	187	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	62NB+69	-	63NB+66	MARLEY ST	-	96	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	62NB+93			MARLEY ST, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	63SB+31			MARLEY ST, RT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	63NB+42			MARLEY ST, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	63SB+25	-	63SB+30	MARLEY ST, RT	-	-	-	-	-	-	-	-	-	5	-	CURB
0010	63SB+25	-	63SB+30	MARLEY ST, RT	-	-	-	-	-	-	-	-	-	5	-	CURB
0010	63NB+65	-	63NB+71	MARLEY ST	-	-	-	-	-	-	-	-	104	-	-	CROSS WALK
0010	63SB+51	-	63SB+92	MARLEY ST, LT	-	-	-	-	-	-	-	-	77	-	-	CROSS WALK
0010	64SB+17	-	65SB+25	MARLEY ST, LT	108	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	598EGE+41	-	598EGE+49	EVERGREEN AVE, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	598EGE+23	-	598EGE+31	EVERGREEN AVE, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	598EGE+17	-	598EGE+23	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	597EGE+76	-	597EGE+81	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	5	-	CURB
0010	597EGE+75	-	597EGE+80	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	5	-	CURB
0010	597EGE75			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	600EGW+02	-	600EGW+10	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	600EGE+29	-	600EGE+37	EVERGREEN AVE, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	600EGE+57	-	610EGE+83	EVERGREEN AVE, RT	1,013	-	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	600EGW+68	-	609EGW+84	EVERGREEN AVE, LT	925	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	608EGE+25	-	609EGE+90	EVERGREEN AVE	-	165	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	608EGE+50			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	609EGE+63	-	609EGE+86	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	26	-	CURB
0010	609EGE+71	-	609EGE+86	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	17	-	CURB
0010	609EGE+67			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3040 MARKING LINE GROOVED WET REF EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE) EACH	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	REMARKS
STAGE 2 CONTINUED																
0010	609EGE+87			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	610EGW+09	-	610EGW+72	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	121	-	-	CROSS WALK
0010	610EGE+83	-	610EGE+89	EVERGREEN AVE	-	-	-	-	-	-	-	-	116	-	-	CROSS WALK
0010	610EGE+89	-	622EGE+90	EVERGREEN AVE, RT	1,203	-	-	-	-	-	-	-	-	-	-	CURB
0010	610EGE+92	-	611EGE+23	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	32	-	WHITE EDGELINE
0010	610EGE+92	-	611EGE+30	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	41	-	WHITE EDGELINE
0010	610EGE+92			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	611EGW+03	-	623EGW+84	EVERGREEN AVE, LT	1,286	-	-	-	-	-	-	-	-	-	-	CURB
0010	622EGE+54	-	622EGE+94	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	41	-	CURB
0010	622EGE+65	-	622EGE+93	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	28	-	CURB
0010	622EGE+97	-	623EGE+57	EVERGREEN AVE, RT	-	-	-	-	-	-	-	-	114	-	-	CROSS WALK
0010	622EGE+94			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	623EGE+24	-	623EGE+90	EVERGREEN AVE	-	-	-	-	-	-	-	-	118	-	-	CROSS WALK
0010	623EGE+90	-	631EGE+13	EVERGREEN AVE, RT	726	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	623EGE+93			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	623EGE+94	-	624EGE+19	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	25	-	CURB
0010	623EGE+94	-	624EGE+09	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	15	-	CURB
0010	623EGW+97	-	629EGW+92	EVERGREEN AVE, LT	591	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	623EGW+97	-	625EGW+42	EVERGREEN AVE	-	145	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	624EGE+14			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	625EGE+13			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	628EGE+44	-	630EGE+13	EVERGREEN AVE	-	170	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	628EGE+69			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	629EGE+57			EVERGREEN AVE, LT	-	-	-	-	1	-	-	-	-	-	-	ONLY
0010	629EGE+90			EVERGREEN AVE, LT	-	-	-	1	-	-	-	-	-	-	-	LT ARROW
0010	629EGE+89	-	630EGE+09	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	CURB
0010	629EGW+89	-	630EGW+09	EVERGREEN AVE	-	-	-	-	-	-	-	-	-	21	-	CURB
0010	630EGE+11			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	630EGW+19	-	630EGW+86	EVERGREEN AVE	-	-	-	-	-	-	-	-	124	-	-	CROSS WALK
0010	631EGW+13	-	631EGW+19	EVERGREEN AVE, RT	-	-	-	-	-	-	-	-	116	-	-	CROSS WALK
0010	631EGE+22			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	631EGE+22	-	631EGE+57	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	36	-	CURB
0010	631EGE+22	-	631EGE+57	EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	37	-	CURB
0010	631EGE+19	-	640EGE+65	EVERGREEN AVE, RT	952	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	631EGW+19	-	640EGW+65	EVERGREEN AVE, LT	935	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	634EGW+75	-	639EGW+68	EVERGREEN AVE, LT	986	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	634EGE+74	-	639EGE+68	EVERGREEN AVE, RT	986	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	634EGE+75			EVERGREEN AVE, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	634EGE+92	-	639EGE+45	EVERGREEN AVE, MEDIAN	-	-	-	-	-	-	445	-	-	-	-	DIAGONAL
0010	639EGW+68	-	640EGW+00	EVERGREEN AVE, LT & RT	64	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3040 MARKING LINE GROOVED WET REF EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE) EACH	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	REMARKS
STAGE 2 CONTINUED																
0010	640EGE+05	-	645EGE+00	EVERGREEN AVE, LT	495	-	-	-	-	-	-	-	-	-	-	SINGLE YELLOW
0010	640EGE+05	-	645EGE+00	EVERGREEN AVE, RT	113	-	-	-	-	-	-	-	-	-	-	YELLOW SKIPS
0010	700CT+25	-	703CT+00	CONNECTION RD	500	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	10T+45	-	12T+50	TEMPORARY CONNECTION RD	450	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
				STAGE 2 SUBTOTALS	11,884	874	0	8	4	64	445	0	1,178	360	9	
STAGE 4																
0010	27SB+00	-	31SB+14	CTH VV, LT	414	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	17NB+00	-	30NB+97	CTH VV, RT	397	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	27NB+00	-	30NB+00	CTH VV	600	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	27SB+49	-	29SB+62	CTH VV	426	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	27NB+66	-	29NB+51	CTH VV, LT	-	-	-	-	-	-	80	-	-	-	-	DIAGONAL
0010	29SB+62	-	29SB+67	CTH VV, RT	-	-	-	-	-	-	-	-	-	5	-	CURB
0010	29NB+62			CTH VV, LT	-	-	-	-	-	-	-	-	-	-	1	ISLAND
0010	29NB+63	-	30NB+05	CTH VV, LT	-	-	-	-	-	-	-	-	-	45	-	CURB
0010	31NB+37	-	31NB+45	CTH VV, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	31SB+36	-	31SB+44	CTH VV, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	31NB+56	-	31NB+64	CTH VV, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	10CA+22	-	13CA+61	CTH VV-CTH TS RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	10CA+89	-	11CA+14	CTH VV-CTH TS RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	10CA+53	-	10CA+89	CTH VV-CTH TS RAB, RT	-	76	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	12CA+35	-	12CA+69	CTH VV-CTH TS RAB, RT	-	73	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	12CA+69	-	12CA+93	CTH VV-CTH TS RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	13CA+27	-	13CA+61	CTH VV-CTH TS RAB, RT	-	75	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	100CW+00		100+CW08	CTH TS, LT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	100CE+28	-	100CE+36	CTH TS, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	100CW+20	-	100CW+28	CTH TS, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	100CE+62	-	119CE+76	CTH TS, RT	1,914	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	100CW+68	-	119CW+76	CTH TS, LT	1,908	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
				STAGE 4 SUBTOTALS	5,659	224	0	0	2	48	80	0	144	50	1	
STAGE 5																
0010	33SB+18	-	33SB+26	CTH VV, LT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	33NB+42	-	33NB+50	CTH VV, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	33SB+39	-	33SB+47	CTH VV, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	33NB+71	-	41NB+27	CTH VV, RT	756	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	33SB+79	-	41SB+25	CTH VV, LT	746	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	41NB+60	-	41NB+68	CTH VV, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	41SB+47	-	41SB+55	CTH VV, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	41NB+76	-	41NB+85	CTH VV, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	20CB+42	-	20CB+67	CTH VV-RAMP AB RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	21CB+00	-	21CB+33	CTH VV-RAMP AB RAB, RT	-	77	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3040 MARKING LINE GROOVED WET REF EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE) EACH	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	REMARKS
STAGE 5 CONTINUED																
0010	21CB+33	-	21CB+57	CTH VV-RAMP AB RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	22CB+80	-	23CB+16	CTH VV-RAMP AB RAB, RT	-	80	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	23CB+16	-	23CB+39	CTH VV-RAMP AB RAB, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	43SB+32	-	43SB+41	CTH VV, LT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	43SB+94	-	48SB+16	CTH VV, LT	422	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	43NB+93	-	48NB+15	CTH VV, RT	422	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	48NB+67	-	48NB+75	MARLEY ST, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	33CC+00	-	33CC+35	MARLEY-RAMP CD, RT	-	80	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	33CC+35	-	33CC+58	MARLEY-RAMP CD, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	31CC+57	-	31CC+80	MARLEY-RAMP CD, RT	-	-	-	-	-	16	-	-	-	-	-	YIELD LINE
0010	31CC+32	-	31CC+57	MARLEY-RAMP CD, RT	-	80	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	50SB+21	-	50SB+29	MARLEY ST, LT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	50SB+38	-	50SB+46	MARLEY ST, LT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	50NB+58	-	50NB+66	MARLEY ST, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	50NB+86	-	58NB+84	MARLEY ST, LT	798	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	50SB+84	-	58SB+76	MARLEY ST, RT	792	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	516WB+04	-	525WB+64	STH 29, LT	960	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	521WB+14	-	524WB+14	STH 29, LT	-	-	75	-	-	-	-	-	-	-	-	8-INCH GROOVED (SKIPS)
0010	524WB+14	-	529WB+09	STH 29, LT	-	-	495	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	524WB+14	-	525WB+64	STH 29, LT	-	-	150	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	524EB+69	-	526EB+58	STH 29, RT	39	-	-	-	-	-	-	-	-	-	-	4-INCH SKIPS
0010	524EB+19	-	529EB+93	STH 29, RT	574	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	525EB+58	-	529EB+26	STH 29, RT	-	-	735	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	525EB+58	-	529EB+26	STH 29, RT	-	-	-	-	-	-	-	185	-	-	-	24-INCH CHEVRON
0010	541WB+00	-	548WB+00	STH 29	700	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	541EB+00	-	542EB+00	STH 29	100	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	541EB+00	-	543EB+75	STH 29	275	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	553EB+60	-	558EB+51	STH 29, RT	-	-	495	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	553EB+60	-	557EB+50	STH 29, RT	-	-	390	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	557EB+01	`	566EB+61	STH 29, RT	960	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	558EB+51	-	561EB+51	STH 29	-	-	80	-	-	-	-	-	-	-	-	8-INCH GROOVED (SKIPS)
0010	205RA+25	-	215RA+25	RAMP A	1,100	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	205RA+25	-	215RA+73	RAMP A, RT	1,048	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	215RA+25	-	216RA+43	RAMP A	118	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	216RA+27	-	216RA+35	RAMP A, RT	38	-	-	-	-	-	-	-	-	-	-	CROSS WALK
0010	216RA+42	-	216RA+50	RAMP A, RT	-	-	-	-	1	-	-	-	-	-	-	YIELD
0010	216RA+43	-	216RA+55	RAMP A, LT	-	25	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	300RB+00	-	300RB+16	RAMP B, LT & RT	-	30	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	300RB+29	-	300RB+37	RAMP B, RT	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	300RB+66	-	315RB+15	RAMP B, RT	1,449	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3040 MARKING LINE GROOVED WET REF EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE) EACH	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7220 MARKING CHEVRON EPOXY 24-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	REMARKS
STAGE 5 CONTINUED																
0010	300RB+65	-	311RB+73	RAMP B	1,108	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	509RD+60	-	513RD+05	RAMP D	-	-	350	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	509RD+00	-	525RD+12	RAMP D	1,612	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	513RD+05	-	525RD+12	RAMP D	1,207	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	525RD+44		525RD+52	RAMP D	-	-	-	-	-	-	-	-	36	-	-	CROSS WALK
0010	525RD+67	-	525RD+82	RAMP D	-	30	-	-	-	-	-	-	-	-	-	8-INCH CHANNEL
0010	779XT+15	-	779XT+80	EXISTING TRIANGLE DR	65	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
				STAGE 5 SUBTOTALS	15,289	402	2,770	0	6	80	0	185	288	0	0	
STAGE 6																
0010	484WB+67	-	492WB+36	STH 29, LT	770	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	484WB+67	-	494WB+86	STH 29	1,019	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	479EB+68	-	489EB+84	STH 29	1,020	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	479EB+68	-	489EB+84	STH 29, RT	1,016	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	100OH+00	-	133OH+50	OLD HWY 29, RT	1,350	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	100OH+00	-	1130H+50	OLD HWY 29	2,700	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
0010	100OH+00	-	113OH+50	OLD HWY 29, LT	1,350	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	554WB+16	-	556WB+66	STH 29, LT	-	-	-	-	-	-	-	195	-	-	-	CHEVRON
0010	557WB+05	-	558WB+93	STH 29, LT	45	-	-	-	-	-	-	-	-	-	-	WHITE SKIPS
0010	401RC+36	-	411RC+08	RAMP C	972	-	-	-	-	-	-	-	-	-	-	YELLOW EDGELINE
0010	400RC+82	-	414RC+47	RAMP C, LT	1,365	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	411RC+08	-	414RC+47	RAMP C	-	-	340	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	533WB+66	-	557WB+05	STH 29, LT	-	-	340	-	-	-	-	-	-	-	-	8-INCH GROOVED
0010	557WB+05	-	567WB+22	STH 29	1,020	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	576WB+49	-	579WB+55	STH 29	306	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINE
0010	700CT+50	-	707CT+50	CONNECTION RD, LT & RT	1,400	-	-	-	-	-	-	-	-	-	-	WHITE EDGELINES
0010	703CT+00	-	707CT+50	CONNECTION RD	900	-	-	-	-	-	-	-	-	-	-	DOUBLE YELLOW
				STAGE 6 SUBTOTALS	15,233	0	680	0	0	0	0	195	0	0	0	
				TOTAL 0010	48,065	1,500	3,450	8	12	192	525	380	1,610	410	10	

ROUNDABOUT CARE CYCLES, SOIL MIXTURE, AND MULCH

CATEGORY	LOCATION	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES EACH	SPV.0035.01 SPECIAL 01. PLANTING SOIL MIXTURE CY	SPV.0180.01 SPECIAL 01. SHREDDED HARDWOOD BULK MULCH SY
0010	CTH VV-CTH TS RAB	-	250	370
0010	CTH VV-RAMP AB RAB	-	235	350
0010	MARLEY-RAMP CD RAB	-	235	350
0010	MARLEY-EVERGREEN RAB	-	250	370
	UNDISTRIBUTED	12	-	-
	TOTAL 0010	12	970	1,440

CONSTRUCTION STAKING STRUCTURE LAYOUT

CATEGORY	LOCATION	650.6500 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-5-416) LS
0020	B-5-416	1
	TOTAL 0020	1

COLD WEATHER MARKING EPOXY

CATEGORY	STATION	TO	STATION	LOCATION	646.6464 COLD WEATHER MARKING EPOXY 4-INCH LF	646.6468 COLD WEATHER MARKING EPOXY 8-INCH LF	REMARKS
STAGE 2							
0010	623EGE+90	-	631EGE+13	EVERGREEN AVE, RT	726	-	WHITE EDGELINE
0010	623EGW+97	-	629EGW+92	EVERGREEN AVE, LT	591	-	WHITE EDGELINE
0010	623EGW+97	-	625EGW+42	EVERGREEN AVE	-	145	8-INCH CHANNEL
0010	631EGE+19	-	640EGE+65	EVERGREEN AVE, RT	952	-	WHITE EDGELINE
0010	631EGW+19	-	640EGW+65	EVERGREEN AVE, LT	935	-	WHITE EDGELINE
0010	634EGW+75	-	639EGW+68	EVERGREEN AVE, LT	986	-	DOUBLE YELLOW
0010	634EGE+74	-	639EGE+68	EVERGREEN AVE, RT	986	-	DOUBLE YELLOW
0010	639EGW+68	-	640EGW+00	EVERGREEN AVE, LT & RT	64	-	DOUBLE YELLOW
0010	640EGE+05	-	645EGE+00	EVERGREEN AVE, LT	495	-	SINGLE YELLOW
0010	640EGE+05	-	645EGE+00	EVERGREEN AVE, RT	115	-	YELLOW SKIPS
				STAGE 2 SUBTOTALS	5,850	145	
				TOTAL 0010	5,850	145	

REMOVING LIGHTING AND PULL BOXES

CATEGORY	STATION	TO	STATION	LOCATION	653.0905 REMOVING PULL BOXES EACH	SPV.0105.01 REMOVE RCUT LIGHTING LS
STAGE 3						
0010	541EB+00	-	544EB+00	STH 29, EB, LT & RT	-	0.5
0010	544EB+00	-	547EB+50	STH 29, EB, LT	2	-
				STAGE 3 SUBTOTALS	2	0.5
STAGE 5						
0010	558EB+37	-	560EB+10	STH 29, EB, RT	2	-
				STAGE 5 SUBTOTALS	2	0
STAGE 6						
0010	547EB+50	-	558EB+32	STH 29, EB, LT	6	-
0010	558WB+26	-	560WB+13	STH 29, WB, LT	2	-
0010	560EB+15	-	577EB+50	STH 29, EB, LT	9	-
0010	576WB+50	-	579WB+50	STH 29, WB, LT & RT	-	0.5
				STAGE 6 SUBTOTALS	17	0.5
				TOTAL 0010	21	1

3

CONSTRTUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.6500.01 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-5-416) LS	650.7000 CONCRETE PAVEMENT LF	650.8500.01 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (9200-10-71) LS	650.9000 CURB RAMPS EACH	650.9910 SUPPLEMENTAL CONTROL (9200-10-71) LS	650.9920 SLOPE STAKES LF
STAGE 1													
0010	601EGE+25	-	634EGE+74	EVERGREEN AVE, EB	3,349	3,349	6,444	-	-	-	5	-	3,349
0010	601EGW+25	-	634EGW+75	EVERGREEN AVE, WB	3,350	3,350	6,411	-	-	-	7	-	3,350
0010	634EGE+74	-	636EGE+00	EVERGREEN AVE, EB & WB	126	126	-	-	-	-	-	-	126
0010	101CE+25	-	119CE+76	CTH TS, EB	1,851	1,851	3,814	-	-	-	-	-	1,851
0010	101CW+25	-	119CW+76	CTH TS, WB	1,851	1,851	3,680	-	-	-	-	-	1,851
0010	700CT+15	-	704CT+00	CONNECTION RD	385	385	-	-	-	-	-	-	385
0010				PROJECT LIMITS	-	-	-	-	-	-	-	1	-
				STAGE 1 SUBTOTALS	10,912	10,912	20,349	0	0	0	12	1	10,912
STAGE 2													
0010	58NB+25	-	65NB+25	MARLEY ST, NB	531	531	1,111	-	-	-		-	531
0010	58SB+25	-	65SB+25	MARLEY ST, SB	533	533	937	-	-	-	5	-	533
0010	40CD+00	-	43CD+64	MARLEY-EVERGREEN RAB	364	364	625	-	-	-	-	-	364
0010	798M+25	-	799M+68	MILLWOOD CT	143	143	-	-	-	-	-	-	143
0010	597EGE+97	-	598EB+43	EVERGREEN AVE, EB & WB	46	46	398	-	-	-	4	-	46
0010	600EGE+12	-	601EGE+25	EVERGREEN AVE, EB	113	113	340	-	-	-	3	-	113
0010	600EGW+07	-	601EGW+25	EVERGREEN AVE, WB	118	118	274	-	-	-	1	-	118
0010	636EGE+00	-	642EGE+50	EVERGREEN AVE, EB & WB	650	650	-	-	-	-	-	-	650
0010	704CT+00	-	709CT+08	CONNECTION RD	508	508	50	-	-	-	-	-	508
0010	10TCR+45	-	12TCR+00	TEMPORARY CONNECTION RD	155	155	-	-	-	-	-	-	-
				STAGE 2 SUBTOTALS	3,161	3,161	3,735	0	0	0	13	0	3,006
STAGE 4													
0010	27NB+00	-	58NB+25	CTH VV, NB	2,401	2,000	5,115	-	401	-	9	-	2,401
0010	27SB+00	-	58SB+25	CTH VV, SB	2,404	1,998	4,922	-	406	-	3	-	2,404
0010	10CA+00	-	13CA+64	CTH VV-CTH TS RAB	364	364	625	-	-	-	-	-	364
0010	20CB+00	-	23CB+64	CTH VV-RAMP AB RAB	364	-	625	-	364	-	-	-	364
0010	30CC+00	-	33CC+64	MARLEY-RAMP CD RAB	364	-	625	-	364	-	-	-	364
0010	206RA+50	-	216RA+48	RAMP A	998	-	283	-	998	-	2	-	998
0010	300RB+10	-	310RB+00	RAMP B	990	-	150	-	990	-	2	-	990
0010	400RC+09	-	409RC+00	RAMP C	891	-	329	-	891	-	2	-	891
0010	514RD+50	-	525RD+72	RAMP D	1,122	-	204	-	1,122	-	2	-	1,122
0010	100CE+12	-	101CE+25	CTH TS, EB	113	113	339	-	-	-	3	-	113
0010	100CW+07	-	101CW+25	CTH TS, WB	118	118	269	-	-	-	1	-	118
0010	544WB+25	-	547WB+65	STH 29, WB	-	-	-	-	-	-	-	-	340
0010				PROJECT LIMITS	-	-	-	-	-	1	-	-	-
				STAGE 4 SUBTOTALS	10,129	4,593	13,486	0	5,536	1	24	0	10,469

CONSTRTUCTION STAKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.6500.01 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-5-416) LS	650.7000 CONCRETE PAVEMENT LF	650.8500.01 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (9200-10-71) LS	650.9000 CURB RAMPS EACH	650.9910 SUPPLEMENTAL CONTROL (9200-10-71) LS	650.9920 SLOPE STAKES LF
STAGE 5													
0010	202RA+00	-	206RA+50	RAMP A	450	-	-	-	450	-	-	-	450
0010	524EB+19	-	526EB+58	RAMP A TAPER	239	-	-	-	239	-	-	-	239
0010	310RB+00	-	315RB+15	RAMP B	515	-	-	-	515	-	-	-	515
0010	557EB+01	-	566EB+61	RAMP B TAPER	960	-	-	-	960	-	-	-	960
0010	509RD+60	-	514RD+50	RAMP D	490	-	-	-	490	-	-	-	490
0010	516WB+03	-	525WB+64	RAMP D TAPER	961	-	-	-	961	-	-	-	961
0010	684T+98	-	686T+70	TRIANGLE DR	172	172	-	-	-	-	-	-	172
				STAGE 5 SUBTOTALS	3,787	172	0	0	3,615	0	0	0	3,787
STAGE 6													
0010	409RC+00	-	414RC+48	RAMP C	548	-	-	-	548	-	-	-	548
0010	557WB+06	-	558WB+93	RAMP C TAPER	187	-	-	-	187	-	-	-	187
0010	100OH+00	-	113OH+50	OLD HWY 29	3,040	3,040	-	-	-	-	-	-	3,040
0010	479EB+68	-	489EB+84	STH 29, EB	-	-	-	-	-	-	-	-	1,016
0010	484WB+67	-	494WB+86	STH 29, WB	-	-	-	-	-	-	-	-	1,019
0010	552EB+30	-	555EB+73	STH 29, EB	-	-	-	-	-	-	-	-	343
0010	564WB+43	-	567WB+22	STH 29, WB	-	-	-	-	-	-	-	-	279
				STAGE 6 SUBTOTALS	3,775	3,040	0	0	735	0	0	0	6,432
				TOTAL 0010	31,764	21,878	37,570	0	9,886	1	49	1	34,606
STAGE 3													
0020				B-5-416	-	-	-	1	-	-	-	-	-
				TOTAL 0020	0	0	0	1	0	0	0	0	0
				PROJECT TOTAL	31,764	21,878	37,570	1	9,886	1	49	1	34,606

LIGHTING CONDUIT AND WIRE

FROM	-	TO	* 652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	* 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0625 ELECTRICAL WIRE LIGHTING 6 AWG LF	REMARKS
ALL ITEMS ARE CATEGORY 0010							
CB 100	-	PB 103	--	40	--	280	--
CB 100	-	PB 103	--	40	56	--	PULL WIRE ONLY
PB 103	-	SL 102	--	5	--	160	--
PB 103	-	PB 102	--	100	--	560	--
PB 103	-	PB 100	170	--	182	--	PULL WIRE ONLY
PB 100	-	PB 101	--	60	72	--	PULL WIRE ONLY
PB 101	-	SL 100	5	--	16	--	PULL WIRE ONLY
SL 100	-	PB 102	175	--	--	930	--
PB 102	-	SL 101	--	20	--	310	--
PB 102	-	SL 107	250	--	261	--	PULL WIRE ONLY
SL 107	-	PB 109	60	--	--	355	--
PB 109	-	SL 108	--	20	--	465	--
PB 109	-	PB 108	--	120	--	660	--
PB 109	-	SL 110	305	--	--	1,580	--
SL 110	-	SL 112	325	--	--	1,675	--
SL 112	-	PB 110	5	--	16	--	PULL WIRE ONLY
PB 110	-	PB 111	--	60	72	--	PULL WIRE ONLY
PB 111	-	SL 111	175	--	186	--	PULL WIRE ONLY
SL 111	-	SL 109	360	--	--	1,850	--
SL 109	-	PB 108	175	--	--	930	--
PB 108	-	SL 106	--	10	--	315	--
PB 108	-	PB 107	60	--	--	360	--
PB 107	-	PB 104	--	260	--	1,360	--
PB 107	-	SL 105	--	20	--	155	--
PB 107	-	PB 106	185	--	197	--	PULL WIRE ONLY
PB 106	-	PB 105	--	70	82	--	PULL WIRE ONLY
PB 105	-	SL 104	5	--	16	--	PULL WIRE ONLY
SL 104	-	PB 104	210	--	--	1,105	--
PB 104	-	SL 103	--	35	--	690	--
PB 104	-	CB 100	--	50	--	330	--
CB 200	-	PB 211	--	40	--	280	--
PB 211	-	SL 212	--	10	--	210	--
PB 211	-	PB 209	--	230	--	1,210	--
PB 211	-	PB 212	230	--	242	--	PULL WIRE ONLY
PB 212	-	PB 213	--	90	102	--	PULL WIRE ONLY
PB 213	-	SL 213	15	--	26	--	PULL WIRE ONLY
SL 213	-	PB 209	235	--	--	1,230	--
PB 209	-	SL 210	--	15	--	260	--
PB 209		PB 208	70	--	--	410	--
PB 208	-	SL 209	--	25	--	540	--
PB 208	-	PB 207	--	60	--	720	--
PB 207	-	SL 208	210	--	--	1,105	--
SL 208	-	PB 206	35	--	46	--	PULL WIRE ONLY
PB 207	-	PB 205	--	55	--	335	--
PB 205	-	SL 207	--	25	--	180	--
PB 205	-	PB 202	90	--	102	--	PULL WIRE ONLY
PB 202	-	SL 206	--	10	--	210	--
PB 202	-	PB 203	--	110	--	610	--
PB 202	-	SL 202	320	--	--	1,655	--
SL 202	-	SL 200	360	--	--	1,850	--
SL 200	-	PB 200	5	--	16	--	PULL WIRE ONLY
PB 200	-	PB 201	--	60	72	--	PULL WIRE ONLY
PB 201	-	SL 201	175	--	186	--	PULL WIRE ONLY
SL 201	-	SL 203	350	--	--	1,800	--
SL 203	-	PB 203	180	--	--	955	--
PB 203	-	SL 204	--	15	--	390	--
PB 203	-	PB 204	70	--	--	410	--
PB 204	-	SL 205	--	15	--	260	--
PB 204	-	PB 210	--	125	--	685	--
PB 204	-	PB 210	--	125	137	--	PULL WIRE ONLY
PB 210	-	SL 211	--	5	--	160	--
PB 210	-	CB 200	--	50	--	330	--
PB 210	-	CB 200	--	50	66	--	PULL WIRE ONLY
PRJOECT TOTALS			4810	2025	2151	29865	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LIGHTING PULLBOXES

PULLBOX NUMBER	STATION	OFFSET	R/L	* 653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH
ALL ITEMS ARE CATEGORY 0010				
PB 100	29+49.7'NB'	25.2'	RT	1
PB 101	29+49.8'SB'	24.2'	LT	1
PB 102	31+38.6'SB'	40.2'	LT	1
PB 103	31+38.5'NB'	41.6'	RT	1
PB 104	100+03.3'CE'	43.5'	RT	1
PB 105	102+12.7'EB'	24.3'	RT	1
PB 106	102+07.3'CW'	24.3'	LT	1
PB 107	100+01.8'CW'	43.0'	LT	1
PB 108	33+34.3'NB'	42.6'	RT	1
PB 109	33+23.6'SB'	40.7'	LT	1
PB 110	39+90.2'SB'	24.2'	LT	1
PB 111	39+98.9'NB'	24.2'	RT	1
PB 200	52+24.3'NB'	24.3'	RT	1
PB 201	52+27.5'SB'	24.2'	LT	1
PB 202	59+35.1'NB'	40.9'	RT	1
PB 203	59+10.1'SB'	43.1'	LT	1
PB 204	959+93.8'FM'	23.0'	LT	1
PB 205	600+36.9'EGE'	39.9'	RT	1
PB 206	602+63.5'EGE'	11.6'	LT	1
PB 207	600+43.9'EGE'	12.4'	LT	1
PB 208	600+12.3'EGW'	42.4'	LT	1
PB 209	61+25.0'NB'	41.5'	RT	1
PB 210	860+37.8'FN'	23.0'	LT	1
PB 211	60+96.6'SB'	42.1'	LT	1
PB 212	63+45.4'SB'	35.1'	LT	1
PB 213	63+59.9'NB'	36.6'	RT	1
PROJECT TOTALS				26

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

STREET LIGHTING

LIGHT NUMBER	STATION	OFFSET	R/L	* 654.0105 CONCRETE BASES TYPE 5 EACH	SPV.0060.30 LUMINAIRES UTILITY LED A BLACK EACH	* SPV.0060.32 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 12-FT BLACK EACH	* SPV.0060.33 POLES TYPE 5 ALUMINUM BLACK EACH	* SPV.0060.34 TRANSFORMER BASES BREAKAWAY 11 1/12-INCH BOLT CIRCLE BLACK EACH	* 655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
ALL ITEMS ARE CATEGORY 0010									
SL 100	29+56.9'SB'	26.0'	LT	1	1	1	1	1	159
SL 101	31+62.7'SB'	42.4'	LT	1	1	1	1	1	159
SL 102	31+26.8'NB'	40.8'	RT	1	1	1	1	1	159
SL 103	100+10.4'CE'	42.4'	RT	1	1	1	1	1	159
SL 104	102+08.2'CE'	26.3'	RT	1	1	1	1	1	159
SL 105	100+36.5'CW'	40.5'	LT	1	1	1	1	1	159
SL 106	33+23.8'NB'	43.3'	RT	1	1	1	1	1	159
SL 107	932+81.9'FJ'	22.8'	LT	1	1	1	1	1	159
SL 108	33+57.6'SB'	42.8'	LT	1	1	1	1	1	159
SL 109	34+95.5'NB'	26.7'	RT	1	1	1	1	1	159
SL 110	36+45.8'SB'	25.7'	LT	1	1	1	1	1	159
SL 111	38+40.1'NB'	26.2'	RT	1	1	1	1	1	159
SL 112	39+81.4'SB'	25.7'	LT	1	1	1	1	1	159
SL 200	52+54.9'NB'	26.3'	RT	1	1	1	1	1	159
SL 201	51+00.4'SB'	26.3'	LT	1	1	1	1	1	159
SL 202	55+53.6'NB'	26.3'	RT	1	1	1	1	1	159
SL 203	57+47.1'SB'	26.3'	LT	1	1	1	1	1	159
SL 204	59+24.8'SB'	43.1'	LT	1	1	1	1	1	159
SL 205	960+14.4'FM'	22.8'	LT	1	1	1	1	1	159
SL 206	59+13.5'NB'	40.9'	RT	1	1	1	1	1	159
SL 207	600+11.4'EGE'	41.8'	RT	1	1	1	1	1	159
SL 208	602+52.0'EGE'	11.4'	LT	1	2	2	1	1	318
SL 209	600+53.3'EGW'	40.2'	LT	1	1	1	1	1	159
SL 210	61+12.7'NB'	43.0'	RT	1	1	1	1	1	159
SL 211	860+31.7'FN'	22.8'	LT	1	1	1	1	1	159
SL 212	61+15.4'SB'	41.0'	LT	1	1	1	1	1	159
SL 213	63+59.9'NB'	36.6'	RT	1	1	1	1	1	159
PROJECT TOTALS				27	28	28	27	27	4452

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LIGHTING CONTROL

CABINET NUMBER	STATION	OFFSET	R/L	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL (CB100) LS	656.0200.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL (CB200) LS	659.2130 LIGHTING CONTROL CABINETS 120/240 30-INCH EACH
ALL ITEMS ARE CATEGORY 0010							
CB100	831+64.1'FA'	25.8'	RT	1	1	--	1
CB200	860+72.7'FN'	25.8'	LT	1	--	1	1
PROJECT TOTALS				2	1	1	2

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

Conduit Rigid Nonmetallic Schedule 40

		*	*
LOCATION		652.0225	652.0235
CTH VV-Ramp AB RAB		2-Inch	3-Inch
CB1	PB1		10
CB1	PB1		10
PB1	LB1	10	
PB1	PB2	140	
PB2	LB2	50	
PB2	LB3	120	
LB3	LB4	130	
PB2	PB3	160	
PB3	LB5	40	
PB3	PB4	80	
PB4	LB6	30	
PB4	PB5	100	
PB5	LB7	20	
PB5	PB6	80	
PB6	LB8	20	
PB6	PB7	50	
PB7	PB1	80	
PB2	Drain	20	
PB3	Drain	20	
PB5	Drain	20	
PB7	Drain	20	
	TOTAL	1,190	20

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Concrete Bases

			*
	204.0195	*	SPV.0060.35
	Removing	654.0105	Control
	Concrete	Type 5	Cabinet
	Bases		NER Type 10
LOCATION	EACH	EACH	EACH
CTH VV-Ramp AB RAB	9	8	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Non-Conductive Pull Boxes

	*
	653.0164
	24x42-Inch
LOCATION	EACH
CTH VV-Ramp AB RAB	7

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Electrical Wire Lighting

			10AWG	12AWG	
					*
LOCATION			*	*	655.0610
CTH VV-Ramp AB RAB			655.0615	655.0610	Equipment
			Ungrounded	Ungrounded	Grounding
(240 VOLT SYSTEM)			Conductor	Conductor	Conductor
			(see Circuit Color)	**(Black)/(Red)**	**(Green)**
Circuit	FROM	TO	LF	LF	LF
A	CB1	LB1	100		
(Black)	LB1	Luminaires		100	50
	LB1	LB2	480		
	LB2	Luminaires		100	50
	LB2	LB3	580		
	LB3	Luminaires		100	50
B	CB1	LB8	420		
(Red)	LB8	Luminaires		100	50
	LB8	LB7	320		
	LB7	Luminaires		100	50
	LB7	LB6	380		
	LB6	Luminaires		100	50
C	CB1	LB3	620		
(Blue)	LB3	Luminaire		100	50
	LB3	LB4	300		
	LB4	Luminaire		100	50
		SUB-TOTALS	3,200	800	400
		TOTAL	3,200	1,200	

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

Electrical Wire Lighting 10AWG		
		*
LOCATION		655.0615
CTH VV-Ramp AB RAB		Equipment
		Grounding
(240 VOLT SYSTEM)		Conductor
		(Green)
FROM	TO	LF
CB1	LB1	50
LB1	LB2	240
LB2	LB3	200
LB3	LB4	150
LB2	LB5	290
LB5	LB6	190
LB6	LB7	190
LB7	LB8	160
LB8	CB1	210
	TOTAL	1,680

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Electric Service	
	656.0200.03
	Meter Breaker Pedestal
	(CTH VV-Ramp AB RAB)
LOCATION	LS
CTH VV-Ramp AB RAB	1

Lighting Summary				
	*	*	*	*
	SPV.0060.31	SPV.0060.32	SPV.0060.33	SPV.0060.34
	Luminaires	Luminaire Arms	Poles	Transformer Bases
	Utility	Truss Type	Type 5	Breakaway
	LED-B	4 1/2-Inch Clamp	(Aluminum)	11 1/2-Inch
	Black	12-FT	Black	Bolt Circle
		Black		Black
LOCATION	EACH	EACH	EACH	EACH
CTH VV-Ramp AB RAB	8	8	8	8

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Conduit Rigid Nonmetallic Schedule 40

		*	*
LOCATION		652.0225	652.0235
CTH VV-Ramp CD RAB		2-Inch	3-Inch
CB1	PB1		10
CB1	PB1		10
PB1	LB1	20	
PB1	PB2	110	
PB1	PB3	120	
PB3	LB2	40	
PB3	LB3	120	
PB3	PB4	170	
PB4	LB4	30	
PB4	PB5	100	
PB5	LB5	20	
PB5	PB6	120	
PB6	LB6	30	
PB6	PB7	110	
PB7	LB7	10	
PB7	PB1	160	
PB1	Drain	20	
PB3	Drain	20	
PB5	Drain	20	
PB6	Drain	20	
	TOTAL	1,240	20

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Non-Conductive Pull Boxes

	*
	653.0164
	24x42-Inch
LOCATION	EACH
CTH VV-Ramp CD RAB	7

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Concrete Bases

		*
	*	SPV.0060.35
	654.0105	Control
	Type 5	Cabinet
		NER Type 10
LOCATION	EACH	EACH
CTH VV-Ramp CD RAB	7	1

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Electrical Wire Lighting

			10AWG	12AWG	
					*
LOCATION			*	*	655.0610
CTH VV-Ramp CD RAB			655.0615	655.0610	Equipment
			Ungrounded	Ungrounded	Grounding
(240 VOLT SYSTEM)			Conductor	Conductor	Conductor
			(see Circuit Color)	(Black)/(Red)	(Green)
Circuit	FROM	TO	LF	LF	LF
A	CB1	LB1	120		
(Black)	LB1	Luminaires		100	50
	CB1	LB2	420		
	LB2	Luminaires		100	50
	LB2	LB3	380		
	LB3	Luminaires		100	50
B	CB1	LB4	760		
(Red)	LB4	Luminaires		100	50
	LB4	LB5	380		
	LB5	Luminaires		100	50
C	CB1	LB7	440		
(Blue)	LB7	Luminaire		100	50
	LB7	LB6	380		
	LB6	Luminaire		100	50
		SUB-TOTALS	2,880	700	350
		TOTAL	2,880	1,050	

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

3

Electrical Wire Lighting 10AWG		
		*
LOCATION		655.0615
CTH VV-Ramp CD RAB		Equipment
		Grounding
(240 VOLT SYSTEM)		Conductor
		(Green)
FROM	TO	LF
CB1	LB1	60
LB1	LB2	220
LB2	LB3	190
LB2	LB4	280
LB4	LB5	190
LB5	LB6	210
LB6	LB7	190
LB7	CB1	220
	TOTAL	1,560

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

Electric Service	
	656.0200.05
	Meter Breaker Pedestal
	(CTH VV-Ramp CD RAB)
LOCATION	LS
CTH VV-Ramp CD RAB	1

Lighting Summary				
	*	*	*	*
	SPV.0060.31	SPV.0060.32	SPV.0060.33	SPV.0060.34
	Luminaires	Luminaire Arms	Poles	Transformer Bases
	Utility	Truss Type	Type 5	Breakaway
	LED-B	4 1/2-Inch Clamp	(Aluminum)	11 1/2-Inch
	Black	12-FT	Black	Bolt Circle
		Black		Black
LOCATION	EACH	EACH	EACH	EACH
CTH VV-Ramp CD RAB	7	7	7	7

*-ADDITIONAL QUANITITES SHOWN ELSEWHERE

SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
STAGE 2						
0010		64NB+52		MARLEY ST, NB, RT	12	-
0010		65NB+62		MARLEY ST, SB, LT	24	-
0010		66SB+00		MARLEY ST, SB	22	-
0010		637EGE+18		EVERGREEN AVE, EB, RT	28	-
0010		638EGE+24		EVERGREEN AVE, EB, RT	26	-
0010		640EGE+13		EVERGREEN AVE, EB, RT	26	-
0010		642EGE+50		EVERGREEN AVE	24	-
0010		706CT+30		CONNECTION RD, LT	-	2
0010		706CT+61		CONNECTION RD, LT	60	-
0010		706CT-91		CONNECTION RD, LT	-	2
0010		707CT+90		CONNECTION RD, LT	-	2
0010		708CT+12		CONNECTION RD, LT	54	-
0010		708CT+36		CONNECTION RD, LT	-	2
0010		709CT+46		CONNECTION RD	40	-
0010		726XMM+00		EXISTING MILLTOWN RD	24	-
0010		726XMM+25		EXISTING MILLTOWN RD, RT	105	-
0010		734XMM+19		EXISTING MILLTOWN RD	24	-
0010		798M+25		MILLWOOD CT	22	-
0010		798M+87		MILLWOOD CT, RT	-	24
				STAGE 2 SUBTOTALS	491	32
STAGE 3						
0010	541EB+29	-	543EB+58	STH 29, EB, RT	230	-
0010	541EB+30	-	541EB+73	STH 29, EB, LT	42	-
0010	541WB+54	-	547WB+62	STH 29, WB, RT	610	-
				STAGE 3 SUBTOTALS	882	0
STAGE 4						
0010		27NB+00		CTH VV, NB	24	-
0010		29NB+19		CTH VV, NB, RT	12	-
				STAGE 4 SUBTOTALS	36	0
STAGE 5						
0010	516WB+04	-	528WB+64	STH 29, WB, LT	1,280	-
0010	524EB+19	-	529EB+46	STH 29, EB, RT	545	-
0010	554EB+10	-	560EB+81	STH 29, EB, RT	-	680
0010	560EB+81	-	566EB+61	STH 29, EB, RT	590	-
0010		684T+99		TRIANGLE DR	31	-
0010		752XO+54		EXISTING OVERLAND RD	56	-
0010		772XT+24		EXISTING TRIANGLE DR	24	-
				STAGE 5 SUBTOTALS	2,526	680

SAWING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
STAGE 6						
0010	480EB+05	-	489EB+14	STH 29, EB, LT	910	-
0010	484EB+14	-	489EB+04	STH 29, EB, RT	-	493
0010	485WB+16	-	490WB+89	STH 29, WB, LT	-	575
0010	485WB+50	-	494WB+40	STH 29, WB, RT	890	-
0010	552EB+80	-	560EB+88	STH 29, EB, LT	808	-
0010	554WB+16	-	567WB+22	STH 29, WB, LT	1,325	-
0010	556WB+32	-	565WB+59	STH 29, WB, RT	930	-
0010	572EB+68	-	578EB+71	STH 29, EB, LT	606	-
0010	576WB+85	-	578WB+97	STH 29, WB, LT	214	-
0010	578WB+57	-	579WB+02	STH 29, WB, RT	46	-
0010		100OH+00		OLD HWY 29	30	-
0010		101OH+04		OLD HWY 29, RT	18	-
0010		103OH+00		OLD HWY 29, RT	38	-
0010		113OH+50		OLD HWY 29	-	25
0010		717XCL+52		EXISTING COUNTY LINE RD	80	-
				STAGE 6 SUBTOTALS	5,895	1,093
				TOTAL 0010	9,830	1,805

UTILITY LINE OPENING

CATEGORY	LOCATION	SPV.0060.11 UTILITY LINE OPENING EACH
0010	UNDISTRIBUTED	20
	TOTAL 0010	20

STEEL CASING PIPE

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.03 SPECIAL STEEL CASING PIPE 20-INCH LF
0030	34NB+50	-	37NB+50	CTH VV	380
				TOTAL 0030	380

3

3

BROADBAND FIBER ITEMS

CATEGORY	LOCATION	619.1000 MOBILIZATION EACH	642.5401 FIELD OFFICE TYPE D EACH	SPV.0060.20 CABLE SPLICE EACH	SPV.0060.21 HANDHOLE EACH	HDPE CONDUIT 1.25-INCH AND 2-INCH		FIBER OPTIC CABLE		SPV.0105.20 TRAFFIC CONTROL PROJECT 9200-10-72 LS
						SPV.0090.20 DIRECTIONAL BORED LF	SPV.0090.21 VIBRATORY PLOWED LF	SPV.0090.22 432 STRAND LF	SPV.0090.23 216 STRAND LF	
0010	PROJECT LIMITS	0.1	0.2	10	44	53,063	11,676	47,964	24,275	1
	TOTAL 0010	0.1	0.2	10	44	53,063	11,676	47,964	24,275	1

ITS CONDUIT AND CABLE

CATEGORY: 0010

LOCATION	ITEM I.D.	DISTANCE	652.0125 CONDUIT RIGID METALLIC 2-INCH LF	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605 CONDUIT SPECIAL 2-INCH LF	652.0700.S INSTALL CONDUIT INTO EXISITNG ITEM EACH	653.0140 PULL BOXES STEEL 24 X 42-INCH EACH	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	655.0525 ELECTRICAL WIRE TRAFFIC SIGNALS 6 AWG LF	673.0200 TRACER WIRE MARKER POSTS EACH	678.0012 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT LF	678.0300 FIBER OPTIC SPLICE EACH
STH 29 / 32												
	CVVV01	--	--	--	--	--	--	--	--	--	--	4
	CVVV01 - PBVV01	385	--	385	--	--	--	385	--	--	--	--
	PBVV01	--	--	--	--	--	1	--	--	--	25	--
	PBVV01 - L05-2025	10	--	10	--	--	--	10	30	--	--	--
	PBVV01 - PBVV02	80	--	--	--	--	--	80	240	--	240	--
	PBVV02	--	--	--	--	--	1	--	--	1	25	--
	PBVV02 - CCTV-05-0113	20	20	20	--	--	--	20	60	--	60	--
	CVFF01	--	--	--	--	--	--	--	--	--	100	4
	CVFF01 - EXPBFF01	95	--	--	95	--	--	95	--	--	95	--
	EXPBFF01	--	--	--	--	1	--	--	--	--	25	--
	EXPBFF01 - EXPBFF02	125	--	--	--	--	--	125	--	--	125	--
	EXPBFF02 - EX-CCTV-05-0075	10	--	--	--	--	--	10	--	--	10	--
	EXPBFF02	--	--	--	--	--	--	--	--	1	--	--
	EXCVCR01	--	--	--	--	1	--	--	--	--	100	4
	EXCVCR01 - EXCVCR02	30	--	30	--	--	--	30	--	--	30	--
	EXCVCR02	--	--	--	--	--	--	--	--	1	100	4
	TOTAL		20	445	95	2	2	755	330	3	935	16

ITS CAMERA

CATEGORY: 0010

LOCATION	ITEM I.D.	654.1150 CONCRETE BASES CAMERA POLE 50-FOOT EACH	656.0500.01 ELECTRICAL SERVICE BREAKER DISCONNECT BOX (CCTV-05-0113) LS	673.0225.S INSTALL POLE MOUNTED CABINET EACH	677.0150 INSTALL CAMERA POLE 50-FOOT EACH	677.0200 INSTALL CAMERA ASSEMBLY EACH	678.0400 FIBER OPTIC TERMINATION EACH	678.0600 INSTALL ETHERNET SWITCHES EACH	SPV.0060.22 GROUND ROD EACH
STH 29 / 32									
	CCTV-05-0113	1	1	1	1	1	6	1	1
	EX-CCTV-05-0075	--	--	--	--	--	6	--	--
	TOTAL	1	1	1	1	1	12	1	1

ITS LUMP SUM ITEMS

CATEGORY: 0010

LOCATION	ITEM ID ID	670.0100 FIELD SYSTEM INTEGRATOR L.S.	670.0200 ITS DOCUMENTATION L.S.	678.0500 COMMUNICATION SYSTEM TESTING L.S.
STH 29 / 32				
	PROJECT	1	1	1
TOTAL		1	1	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
PROJECT NO. 9200-10-21
SHAWANO - GREEN BAY
CTH VV INTERCHANGE
STH 29
BROWN COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
BROWN CO. PLSS CORNER INDEX NO. 49E-16

SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES
R/W MONUMENT
NON-MONUMENTED R/W POINT
1" IRON PIPE FOUND
VALVE (GAS, WATER, ETC.)
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS CONTROL NEW ROADWAY
ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)

BRIDGE
PARCEL NUMBER 25
UTILITY NUMBER 40

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF BEGINNING	POB
ACRES	AC	POINT OF CURVATURE	PC
AHEAD	AH	POINT OF COMPOUND CURVE	PCC
ALUMINUM	ALUM	POINT OF INTERSECTION	PI
AND OTHERS	ET AL	PROPERTY LINE	PL
BACK	BK	RECORDED AS	(100')
BLOCK	BLK	REFERENCE LINE	R/L
BUILDING	B	REMAINING	REM
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	SUBDIVISION	SUBD
EASEMENT	EASE	TANGENT	TAN
EXISTING	EX	TELEPHONE PEDESTAL	TP
GAS VALVE	GV	TEMPORARY LIMITED EASEMENT	TLE
GOVERNMENT	GOV'T	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		

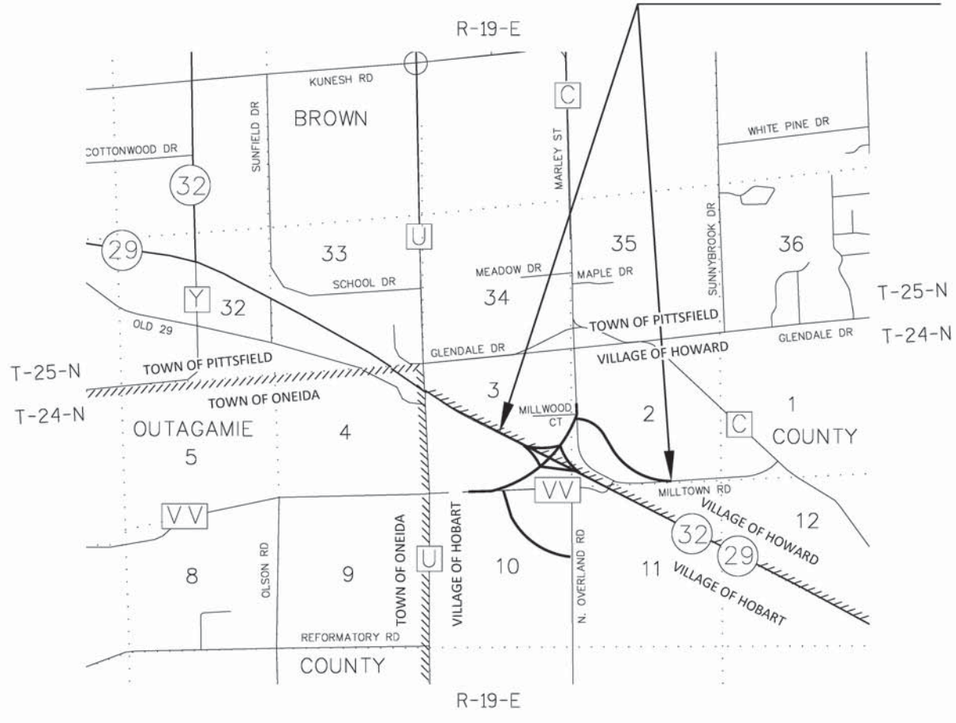
CURVE DATA

LONG CHORD	LC
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER —W—
GAS —G—
TELEPHONE —T—
OVERHEAD TRANSMISSION LINES —OH—
ELECTRIC —E—
CABLE TELEVISION —TV—
FIBER OPTIC —FO—
SANITARY SEWER —SAN—
STORM SEWER —SS—

PROJECT LOCATION



N

LAYOUT
SCALE 0 0.5 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 9200-10-21.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGERESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNERS RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NORTHEAST REGION.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG STH 29/32 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECTS 1058-14-00, 9202-2-22, 9202-2-60 & DOC. 2399299.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 29/32 IS ESTABLISHED FROM PREVIOUS PROJECTS 9202-10-00 & 9202-2-22.

EXISTING HIGHWAY RIGHT-OF-WAY FOR N. OVERLAND ROAD IS ESTABLISHED FROM PREVIOUS PROJECT 9202-2-22 & STATE STATUTE 82.31 (66' WIDE) CENTERED ON SECTION LINE.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MILLTOWN ROAD IS ESTABLISHED FROM PREVIOUS PROJECT 9202-2-22, CSM 5218, CSM 5468, CSM 7533, CSM 6484, CSM 6471, CSM 6472, CSM 8892 AND STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MILLWOOD COURT IS ESTABLISHED FROM CSM 882 &, CSM 902.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MILLWOOD LANE IS ESTABLISHED FROM CSM 5545.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MARLEY STREET IS ESTABLISHED FROM PREVIOUS PROJECT 9202-12-21, 9202-2-22 & 9202-12-21, CSM 5545, CSM 5399 AND STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH VV/TRIANGLE DRIVE IS ESTABLISHED FROM STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.01
SHEET 2 OF 3

PRE_556

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.01

THAT PART OF GOVERNMENT LOTS 6, 7, 8, 9, 10 IN SECTION 3, T24N, R19E, VILLAGE OF HOBART, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

2872762
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
09/09/2019 10:58 AM
REC FEE: 25.00
PAGES: 3
*The above recording Information verifies that this document has been electronically recorded and returned to the submitter**

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.01
SHEET 1 OF 3
AMENDMENT NO:

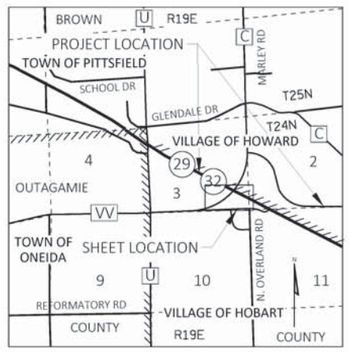
KL Engineering
[A] Better Experience

I, TIMOTHY HELD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.01 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN TIMOTHY M. HELD S-2591 MADISON, WI LAND SURVEYOR

TIMOTHY M. HELD — 9-06-2019
AGENT FOR KL ENGINEERING, INC. — DATE
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
CURT VAN EREM — 9-06-2019
CURT VAN EREM — DATE

LOCATION SKETCH



GN

SCALE, FEET
0 100 200

T 24 N
4 3
R 19 E
CLOSING CORNER
PK NAIL W/WASHER
Y = 592,780.133
X = 54,093.280
49B/C-13

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	JAMES & SANDRA KROPP REVOCABLE LIVING TRUST	FEE	1.26	----	1.26	----
2	TERRY R. & HEATHER R. WARAX	FEE	0.03	0.08	0.11	----
3	HILGENBERG - STURGUL, INC.	FEE, TLE, AR	15.37	----	15.37	2.17

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
201	WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	RELEASE OF RIGHTS

GOV'T. LOT 3
FORMER ONEIDA NATION LANDS LINE
S60°34'36"E 4399.87' SEC. COR. TO R/W
MATCH LINE STA. 525+00'EB'
EB'
VILLAGE
GOV'T. LOT 6
SIXTEENTH LINE
STA. 529+99.97'EB'
GOV'T. LOT 10
GOV'T. LOT 9
GOV'T. LOT 2
STA. 518+38.27'EB'
GOV'T. LOT 3
GOV'T. LOT 5
GOV'T. LOT 6
QUARTER LINE
N01°12'17"W 155.29' R/L TO R/W
N01°12'17"W 114.80' R/W TO R/L
520'EB'
EB STH 29/32
S61°40'30"E
525'
MATCH LINE STA. 525+00'EB'
530'EB'
535'EB'
540'EB'
545'EB'
235'
135'
100'
61'
1.21 ACRES
0.63 ACRES
1.54 ACRES
0.05 ACRES
SEE SHEET 9200-10-21-4.02
VILLAGE OF HOWARD
VILLAGE OF HOBART
N60°34'36"W 1159.18' R/L TO R/W
EB STH 29/32
S61°40'30"E
STA. 47+74.86'NB'
CLOSING CORNER
BRASS CAP MON.
Y = 589,823.016
X = 59,336.349
49D/E-17
N60°34'36"W 460.44' SEC. COR. TO R/L
NB CTH VV
N28°17'29"E
STA.541+95.96'EB' = STA. 45+83.92'NB'
45'NB'
STA. 547+79.15'EB'
S05°41'55"E 219.73' SEC. COR. TO R/L
S05°41'55"E 120.56' R/L TO TRAV. PT.
N05°41'55"W 332.68' SEC. COR. TO TRAV. PT.
SEC.3
GOV'T. LOT 4
GOV'T. LOT 8
GOV'T. LOT 7
SIXTEENTH LINE
STA. 533+40.48'EB'
OF
N. OVERLAND ROAD
33'
TRIANGLE DRIVE
CTH VV
PT: 44+43.93'NB'
PI: 44+14.35'NB'
N20°06'34"E
PT/PI: 41+88.26'NB'
PI: 41+54.17'NB'
PC: 41+17.53'NB'
PC: 43+84.66'NB'
PI: 43+37.21'NB'
N47°06'44"E
PT: 40+33.31'NB'
PCC: 38+85.13'NB'
N31°36'47"E
PI: 39+59.74'NB'
PI: 36+94.86'NB'
40'NB'
35'NB'
30'NB'
N75°34'50"E 45.37' TRAV. PT. TO PC
PC: 34+97.03'NB'
PI: 33+14.69'NB'
PT/PI: 31+65.18'NB'
PI: 31+28.94'NB'
PC: 30+89.57'NB'
PT: 30+37.25'NB'
PC: 28+99.18'NB'
PT: 27+98.24'NB'
PI: 27+56.90'NB'
PC: 27+15.53'NB'
BP: 26+00.00'NB'
N00°37'02"W 32.63' R/L TO R/W
N89°22'58"E
S86°18'32"E
S82°10'21"E
N75°34'50"E
N80°30'24"E
PI: 29+68.52'NB'
SEC. CORNER TO TRAV. PT.
N89°22'43"E 513.89'
N00°37'02"W 0.37'
SEC. LINE TO R/L
S89°22'43"W 46.54'
SEC. COR. TO TRAV. PT.
1/16TH CORNER
MAG NAIL W/WASHER
Y = 589,136.288
X = 58,100.114
49E-16
S89°14'56"W 601.84'
SEC. COR. TO TRAV. PT.
T 24 N
3 10
R 19 E
MAG NAIL W/WASHER
Y = 589,122.167
X = 56,797.870
49E-15
SE-SW
HOBART
MAG NAIL W/WASHER
Y = 589,153.371
X = 59,403.171
49E-17
T 24 N
3 2
10 11
R 19 E
T 24 N
3 2
R 19 E

WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC PARCEL 1
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC PARCEL 3

PRE_557

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\RW\040101-RP-2019 REVISIONS.DWG
PLOT DATE : 9/6/2019 10:15 AM PLOT BY : SCOTT DEMEUSE PLOT NAME : PLOT SCALE : **********
APPRAISAL PLAT DATE : SEPTEMBER 6, 2019

9200-10-21 4. 01

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.01

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

SHEET 3 OF 3 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION AND SCHEDULE OF INTERESTS.

HIGHWAY	BASIS
STH 29/32	PREVIOUS PROJECTS 9202-2-22 & 9202-10-00
CTH VV/TRIANGLE DRIVE	STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE
N. OVERLAND ROAD	PREVIOUS PROJECT 9202-2-22 & STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	NO EASEMENT OF RECORD FOUND	1, 3

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF THIS DOCUMENT.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NE REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

SEE SHEET 3 OF 3 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION AND SCHEDULE OF INTERESTS.

EXISTING ACCESS CONTROL ALONG STH 29/32 IS ESTABLISHED FROM PREVIOUS PROJECTS 1058-14-00, 9202-2-22 & 9202-2-60.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

NB CTH VV

PI STA = 27+56.90'NB'
Y = 589128.723
X = 57368.625
DELTA = 4°18'30" RT
D = 5°12'31"
T = 41.38'
L = 82.71'
R = 1100.00'
PC STA = 27+15.53'NB'
PT STA = 27+98.24'NB'

PI STA = 29+68.52'NB'
Y = 589115.097
X = 57579.845
DELTA = 13°11'04" LT
D = 9°32'57"
T = 69.34'
L = 138.07'
R = 600.00'
PC STA = 28+99.18'NB'
PT STA = 30+37.25'NB'

PI STA = 31+28.94'NB'
Y = 589141.656
X = 57738.667
DELTA = 39°23'00" RT
D = 52°05'13"
T = 39.37'
L = 75.61'
R = 110.00'
PC STA = 30+89.57'NB'
PT STA = 31+65.18'NB'
AH BEARING = S60°06'36"E

PI STA = 31+65.15'NB'
Y = 589122.038
X = 57772.798
DELTA = 22°03'45" LT
BK BEARING = S60°06'36"E
AH BEARING = S82°10'21"E

PI STA = 33+14.69'NB'
Y = 589101.675
X = 57920.918
DELTA = 22°14'49" LT

PI STA = 36+94.86'NB'
Y = 589196.343
X = 58289.108
DELTA = 27°23'06" LT
D = 7°03'22"
T = 197.83'
L = 388.10'
R = 812.00'
PC STA = 34+97.03'NB'
PCC STA = 38+85.13'NB'
AH BEARING = N48°11'44"E

PI STA = 39+59.74'NB'
Y = 589377.952
X = 58492.195
DELTA = 16°34'58" LT
D = 11°11'26"
T = 74.61'
L = 148.18'
R = 512.00'
PCC STA = 38+85.13'NB'
PT STA = 40+33.31'NB'
BK BEARING = N48°11'44"E

PI STA = 41+54.17'NB'
Y = 589544.414
X = 58594.656
DELTA = 36°50'32" RT
D = 52°05'13"
T = 36.64'
L = 70.73'
R = 110.00'
PC STA = 41+17.53'NB'
PT STA = 41+88.26'NB'
AH BEARING = N68°27'19"E

PI STA = 41+88.26'NB'
Y = 589557.869
X = 58628.734
DELTA = 21°20'35" LT
BK BEARING = N68°27'19"E
AH BEARING = N47°06'44"E

PI STA = 43+37.21'NB'
Y = 589659.233
X = 58737.862
DELTA = 27°00'10" LT

PI STA = 44+14.35'NB'
Y = 589731.669
X = 58764.383
DELTA = 8°10'55" RT
D = 13°48'22"
T = 29.68'
L = 59.26'
R = 415.00'
PC STA = 43+84.66'NB'
PT STA = 44+43.93'NB'

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
100	101	S05° 41' 55"E	340.29'
101	102	N61° 40' 28"W	98.61'
102	103	S01° 53' 43"E	110.21'
103	104	S61° 40' 28"E	67.61'
104	105	S05° 41' 55"E	62.19'
105	106	S89° 15' 56"W	566.88'
106	107	S05° 05' 40"E	141.93'
107	108	S05° 05' 40"E	33.10'
108	109	S89° 14' 56"W	701.33'
109	110	S89° 22' 43"W	788.43'
110	111	N00° 37' 02"W	33.00'
111	112	N00° 37' 02"W	7.37'
112	113	N87° 43' 31"E	345.74'
113	114	N63° 10' 06"E	147.08'
114	115	N77° 00' 06"E	202.60'
115	116	S65° 25' 49"E	92.67'
116	117	N68° 58' 14"E	174.81'
117	118	N45° 50' 06"E	169.76'
118	119	N28° 16' 00"E	199.93'
119	120	N49° 32' 33"W	281.63'
120	121	N36° 39' 29"W	331.06'
121	122	N44° 06' 13"W	314.68'
122	123	N55° 07' 05"W	263.58'
123	124	N61° 40' 28"W	943.29'
124	125	N01° 12' 17"W	270.09'
125	126	S61° 40' 28"E	47.22'
126	127	S64° 35' 20"E	491.68'
127	128	S61° 40' 28"E	400.00'
128	129	S69° 21' 07"E	298.68'
129	130	S79° 31' 05"E	42.95'
130	100	S60° 34' 36"E	1619.62'

R/W Station & Offset Table		
Point No.	Station	Offset
100	546+56.21 EB	182.12'
101	548+46.61 EB	99.92'
102	547+48.01 EB	99.92'
103	548+03.48 EB	195.15'
104	548+71.09 EB	195.15'
105	549+05.88 EB	246.69'
106	40+63.12 NB	280.55'
107	39+84.45 NB	369.39'
108	39+70.56 NB	391.95'
109	34+96.87 NB	11.10'
110	27+00.00 NB	0.37 RT.
111	27+00.00 NB	32.63'
112	27+00.00 NB	40.00'
113	30+54.78 NB	53.13'
114	31+41.47 NB	122.35'
115	34+25.00 NB	170.00'
116	34+97.03 NB	111.69'
117	37+00.00 NB	110.00'
118	39+00.00 NB	135.00'
119	41+25.00 NB	160.00'
120	537+00.00 EB	365.00'
121	534+00.00 EB	225.00'
122	531+00.00 EB	130.00'
123	528+38.14 EB	99.90'
124	518+94.86 EB	99.89'
125	517+61.74 EB	135.11'
126	518+08.95 EB	135.11'
127	523+00.00 EB	160.10'
128	527+00.00 EB	160.10'
129	529+96.00 EB	200.00'
130	530+36.88 EB	213.16'

TLE Station & Offset Table		
Point No.	Station	Offset
T150	30+09.30 NB	41.76'
T151	30+64.72 NB	298.04'
T152	34+57.75 NB	301.06'
T154	531+43.86 EB	349.80'
T155	530+89.11 EB	237.43'
T156	532+27.03 EB	170.23'

TPP NUMBER 9200-10-21 - 4.01
SHEET 3 OF 3

PRE_558

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\RW\040101-RP-2019 REVISIONS.DWG
APPRAISAL PLAT DATE : SEPTEMBER 6, 2019
PLOT DATE : 9/6/2019 11:22 AM PLOT BY : SCOTT DEMEUSE PLOT NAME : PLOT SCALE : **********

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.02

THAT PART OF GOVERNMENT LOTS 3 & 4, SECTION 3, T24N, R19E, VILLAGE OF HOWARD, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NB CTH VV

PI STA = 48+42.32'NB'
Y = 590108.609
X = 58967.271
DELTA = 39°46'23" RT
D = 52°05'13"
T = 39.79'
L = 76.36'
R = 110.00'
PC STA = 48+02.53'NB'
PT STA = 48+78.89'NB'
AH TAN BRG = N68°03'52"E

PI STA = 48+78.89'NB'
Y = 590123.474
X = 59004.180
DELTA = 22°26'00" LT
AH TAN BRG = N45°37'52"E
BK TAN BRG = N68°03'52"E

PI STA = 51+39.30'NB'
Y = 590333.253
X = 59145.979
DELTA = 3°53'10" RT
D = 2°51'53"
T = 67.85'
L = 135.65'
R = 2000.00'
PC STA = 50+71.45'NB'
PT STA = 52+07.10'NB'

PI STA = 55+73.47'NB'
Y = 590735.351
X = 59309.877
DELTA = 23°33'21" LT
D = 4°43'39"
T = 252.71'
L = 498.28'
R = 1212.00'
PC STA = 53+20.76'NB'
PT STA = 58+19.04'NB'

PI STA = 59+12.82'NB'
Y = 591081.738
X = 59301.535
DELTA = 41°40'20" RT
D = 52°05'13"
T = 41.86'
L = 80.00'
R = 110.00'
PC STA = 58+70.95'NB'
PT STA = 59+50.96'NB'
AH TAN BRG = N40°17'33"E

PI STA = 59+50.96'NB'
Y = 591113.670
X = 59328.609
DELTA = 23°27'22" LT
AH TAN BRG = N16°50'11"E
BK TAN BRG = N40°17'33"E

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF DOCUMENT NO. 2872762.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NORTHEAST REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

EXISTING ACCESS CONTROL ALONG STH 29/32 IS ESTABLISHED FROM PREVIOUS PROJECTS 1058-14-00, 9202-2-22, 9202-2-60 & DOC. 2399299.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
200	201	N60° 34' 36"W	1619.62'
201	202	S79° 31' 05"E	1106.13'
202	203	N29° 26' 29"E	219.39'
203	204	N14° 38' 46"E	277.94'
204	205	N01° 22' 47"W	246.42'
205	206	N59° 44' 04"W	88.36'
206	207	S87° 46' 14"W	332.14'
207	208	N00° 11' 08"W	147.17'
208	209	N87° 46' 14"E	497.64'
209	210	N87° 46' 14"E	57.31'
210	200	S00° 11' 28"E	1501.11'

KL Engineering
[A] Better Experience

I, TIMOTHY HELD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.02 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN TIMOTHY M. HELD S-2591 MADISON, WI LAND SURVEYOR

9-19-2019
TIMOTHY M. HELD — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

9-19-2019
CURT VAN EREM — DATE

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
201	WISCONSIN PUBIC SERVICE CORP. - ELECTRIC	RELEASE OF RIGHTS
202	NET LEC, LLC	RELEASE OF RIGHTS

GN

SCALE, FEET
0 100 200

ACQUIRED UNDER PROJECT 9202-12-21.

T 24 N, R 19 E (4 3)
CLOSING CORNER
PK NAIL W/WASHER
Y = 592,780.133
X = 54,093.280
49B/C-13

S60°34'36"E 4399.87'
SEC. COR. TO R/W

VILLAGE OF HOWARD
VILLAGE OF HOBART
FORMER ONEIDA NATION LANDS LINE

SEE SHEET 9200-10-21-4.01
525'EB'

135'

530'EB'

SIXTEENTH LINE

S61°40'30"E

535'EB'

EB STH 29/32

540'EB'

545'EB'

VILLAGE

GOV'T. LOT 3

SEC. 3

GOV'T. LOT 4

OF

HOWARD

SIXTEENTH LINE

MARLEY STREET

SECTION LINE

AMERICAN TRANSMISSION COMPANY LLC DOC. 1788439
OH
OH
OH

100'

55'NB'

50'NB'

50'

SEE SHEET 9200-10-21-4.03

MAG NAIL W/WASHER
Y = 591,324.115
X = 59,331.343
49C-17

T 24 N, R 19 E (3 2)

SEE SHEET 9200-10-21-4.05

PI=61+01.51'NB'
Y=591257.769
X=59372.214
DELTA=21°39'30" LT

QUARTER LINE
STA. 61+71.44 'NB'
N04°49'19"W
S0°11'28"E 199.22'
SEC. COR. TO R/L

PI: 61+01.51'NB'

N16°50'11"E
STA. 59+62.69'NB'

PT/PI: 59+50.96'NB'
PI: 59+12.82'NB'
PC: 58+70.95'NB'
N01°22'47"W
PT: 58+19.04'NB'

20' EASEMENT
DOC. NO. 812280

23' EASEMENT
DOC. NO. 815513

24.75'

PI: 55+73.47'NB'

EP=633+60.22'EB'
Y=585532.891
X=66911.824

N0°11'28"W 1301.89'
SEC. COR. TO R/L

PC: 53+20.76'NB'
N22°10'34"E
REMNANT
1.10 ACRES
PT: 52+07.10'NB'
PI: 51+39.30'NB'
PC: 50+71.45'NB'
PI: 50+28.69'NB'
N18°17'25"E
N45°37'52"E
PI/PT: 48+78.89'NB'
PI: 48+42.32'NB'
PC: 48+02.53'NB'

CTH VV

PI=50+28.69'NB'
Y=590228.225
X=59111.265
DELTA=27°20'27" LT

NET LEC, LLC
PARCEL 4

T 24 N, R 19 E (3 2)
CLOSING CORNER
BRASS CAP MON.
Y = 589,823.016
X = 59,336.349
49D/E-17

N28°17'29"E 27.67'
SEC. LINE TO PC

N60°34'36"W 460.44'
SEC. COR. TO R/L

N28°17'29"E
STA. 541+95.96'EB'
= STA. 45+83.92'NB'

STA. 547+79.15'EB'

S5°41'55"E 219.73'
SEC. COR. TO R/L

N5°41'55"W 453.24'
SEC. COR. TO R/L

STA. 47+74.87'NB'

WISCONSIN PUBLIC SERVICE
CORP. - ELECTRIC
PARCEL 1
UNOCCUPIED EASEMENT

WISCONSIN PUBLIC SERVICE
CORP. - ELECTRIC
PARCEL 4
UNOCCUPIED EASEMENT

MAG NAIL W/WASHER
Y = 589,153.371
X = 59,403.171
49E-17

T 24 N, R 19 E (3 2 10 11)

R/W Station & Offset Table		
Point No.	Station	Offset
200	546+56.21 EB	182.12'
201	530+36.88 EB	213.16'
202	51+70.00 NB	155.00'
203	53+92.15 NB	125.00'
204	57+00.26 NB	109.71'
205	59+11.39 NB	131.11'
206	59+16.83 NB	218.37'
207	58+92.94 NB	535.17'
208	59+16.31 NB	576.82'
209	61+73.65 NB	92.40'
210	61+71.06 NB	35.15'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	15' EASEMENT DOC. NO. 2389766	1
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	15' EASEMENT DOC. NO. 2389765	4
NET LEC, LLC	NO EASEMENT OF RECORD FOUND	4
AMERICAN TRANSMISSION COMPANY, LLC	DOC. NO. 1788439	5

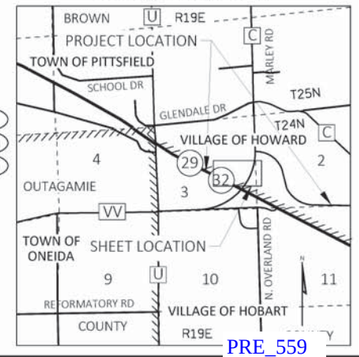
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	JAMES & SANDRA KROPP REVOCABLE LIVING TRUST	FEE	3.18	----	3.18	----
4	JOSEPH E. BRUSKY & MARY JO BRUSKY AS SURVIVORSHIP MARITAL PROPERTY	FEE, AR	5.92	----	5.92	----
5	AMERICAN TRANSMISSION COMPANY, LLC	RELEASE OF EASEMENT	----	----	----	----

HIGHWAY	BASIS
STH 29/32	PREVIOUS PROJECTS 9202-2-22 & 9202-10-00
MARLEY STREET	PREVIOUS PROJECTS 9202-12-21, 9202-2-22 & STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE

LOCATION SKETCH



2874449
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
09/20/2019 03:53 PM
REC FEE: 25.00
PAGES: 1
*The above recording Information verifies that this document has been electronically recorded and returned to the submitter**

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.02

AMENDMENT NO:

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.03

THAT PART OF GOVERNMENT LOT 1, LOCATED IN SECTION 2, T24N, R19E, VILLAGE OF HOWARD, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

GN

SCALE, FEET
0 100 200

2874450
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
09/20/2019 03:53 PM
REC FEE: 25.00
PAGES: 2
*The above recording Information verifies that this document has been electronically recorded and returned to the submitter**

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.03
SHEET 1 OF 2
AMENDMENT NO:

PRE_560

T 24N R 19 E (3 2)
MAG NAIL W/WASHER
Y = 591,324.115
X = 59,331.343
49C-17

LOT 4
CSM 5545
V.36, P.245
DOC. NO. 1580135

N84°33'04"E 129.44'
SEC. COR. TO R/W

SEE SHEET 9200-10-21-4.05

STA. 61+71.44'NB'

S87°18'00"E
VILLAGE

500°11'28"E 177.13'
SEC. COR. TO TRAV. PT.

BP: 600+00.00'EGE'
Y=591147.200
X=59394.957

N89°48'32"E 63.02'
SEC. LINE TO R/L

PC: 603+55.69'EGE'
PI: 601+48.98'EGE'
PT: 602+56.64'EGE'
PC: 600+40.94'EGE'
PI: 609+79.61'EGE'

605'EGE'
EVERGREEN AVE.
610'EGE'
615'EGE'
620'EGE'

6 5.22 ACRES
TLE - SLOPES 0.92 ACRES
PLE - DRAINAGE 0.01 ACRES
TLE - SLOPES 1.25 ACRES
NOT TO SCALE

GOV'T. LOT 1
SEC. 2

1/16 LINE

N84°27'38"E
33'
50'
20'
40'

202 NET LEC, LLC PARCEL 6

SECTION LINE

SEE SHEET 9200-10-21-4.02

MARLEY STREET

N00°11'28"W 1323.98'
SEC. COR. TO TRAV. PT.

OH
100'
AMERICAN TRANSMISSION COMPANY LLC DOC. 1788439

SEE SHEET 9200-10-21-4.04

STA. 621+50.51'EGE'
PT: 614+15.47'EGE'
PC: 618+21.64'EGE'

S11°23'55"E

200 AMERICAN TRANSMISSION COMPANY, LLC PARCEL 6

UTILITY INTERESTS REQUIRED OF

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
200	AMERICAN TRANSMISSION COMPANY, LLC	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	RELEASE OF RIGHTS
202	NET LEC, LLC	RELEASE OF RIGHTS

SEE SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION, NOTES, EASEMENT TABLE & HIGHWAY BASIS TABLE.

6 0.45 ACRES
201 WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC PARCEL 6 UNOCCUPIED EASEMENT
202 NET LEC, LLC PARCEL 6

PLE - DRAINAGE 0.01 ACRES
NOT TO SCALE

WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC PARCEL 6 AND UNOCCUPIED EASEMENT
201
WISCONSIN PUBLIC SERVICE CORPORATION DOC. 794261

PI: 622+55.73'EGE'

S43°05'45"W

HOWARD 1.25 ACRES 6

CONNECTION RD.

PC: 702+68.12'CT'
PT: 706+33.96'CT'
PC: 707+33.37'CT'
705'CT'
PI: 705+27.85'CT'

STA. 701+66.03'CT'
STA. 706+62.98'CT'

S01°00'35"E 118.40' R/W TO R/L
S01°00'35"E 60.22' R/L TO R/W
S01°00'35"E 126.97' R/W TO R/W
S01°00'35"E 71.84' R/W TO R/L
S01°00'35"E 334.10' R/L TO R/W
S01°00'35"E 57.01' R/W TO R/L
S1°00'35"E 107.61' R/L TO TRAV. PT.

STA. 623+32.26'EGE' = BP: 700+00.00'CT' Y=589,673.825 X=60,821.673

150'
HO
8 GUY

S61°42'37"E
STA. 559+35.91'EB'
SECTION LINE

560'EB'

CLOSING CORNER ALUM. MON. IN CONC. Y = 589,016.337 X = 60,766.122 49E-18/19

N84°15'31"W 391.66'
SEC. COR. TO R/L

N60°34'06"W 56.17'
SEC. COR. TO TRAV. PT.

S84°15'31"E 978.16'
SEC. COR. TO R/L

CLOSING CORNER BRASS CAP MON. Y = 589,823.016 X = 59,336.349 49D/E-17

MAG NAIL W/WASHER Y = 589,153.371 X = 59,403.171 49E-17

N05°41'55"W 453.24'
SEC. COR. TO R/L

S05°41'55"E 219.73'
SEC. COR. TO R/L

STA. 547+79.15'EB'

FORMER ONEIDA NATION LANDS LINE
EXISTING MILLTOWN ROAD
EB STH 29/32
S61°40'30"E
550'EB'
555'EB'
295'
VILLAGE OF HOWARD
VILLAGE OF HOBART

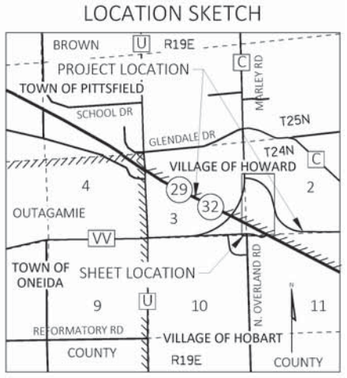
KL Engineering
[A] Better Experience

I, TIMOTHY HELD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.03 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN TIMOTHY M. HELD S-2591 MADISON, WI LAND SURVEYOR

TIMOTHY M. HELD — 9-19-2019 DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
CURT VAN EREM — 9-20-2019 DATE

LOCATION SKETCH



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES	PLE ACRES
6	ERIC E. LANGER & KELLY K. MALLOY LIVING TRUST AND RORY P. MALLOY	FEE, TLE, AR, PLE	6.92	0.40	7.32	2.17	0.02

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETS\PLAN\RW\040101-RP-2019 REVISIONS.DWG
APPRAISAL PLAT DATE : SEPTEMBER 19, 2019
PLOT DATE : 9/20/2019 2:26 PM
PLOT BY : Timothy Held
PLOT NAME : PLOT SCALE : 9200-10-21 4.03

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.03

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION, NOTES, EASEMENT TABLE & HIGHWAY BASIS TABLE.

4

4

CONNECTION ROAD

BP =700+00.00'CT'
Y = 589673.825
X = 60821.673

PI STA = 705+27.85'CT'
Y = 589288.384
X = 60461.035
DELTA = 104°48'22" LT
D = 28°38'52"
T = 259.73'
L = 365.84'
R = 200.00'
PC STA = 702+68.12'CT'
PT STA = 706+33.96'CT'

PI STA = 707+81.80'CT'
Y = 589095.220
X = 60819.933
DELTA = 7°54'57" LT
D = 8°11'06"
T = 48.43'
L = 96.71'
R = 700.00'
PC STA = 707+33.37'CT'
PRC STA = 708+30.08'CT'
AH TAN BRG=S69°37'34"E

EVERGREEN AVENUE

BP =600+00.00'EGE'
Y = 591147.200
X = 59394.957

PI STA = 601+48.98'EGE'
Y = 591161.581
X = 59543.237
DELTA = 8°14'22" RT
D = 3°49'11"
T = 108.04'
L = 215.71'
R = 1500.00'
PC STA = 600+40.94'EGE'
PT STA = 602+56.64'EGE'

PI STA = 609+79.61'EGE'
Y = 591122.437
X = 60373.318
DELTA = 75°54'05" RT
D = 7°09'43"
T = 623.92'
L = 1059.78'
R = 800.00'
PC STA = 603+55.69'EGE'
PT STA = 614+15.47'EGE'

PI STA = 622+55.73'EGE'
Y = 589687.135
X = 60662.692
DELTA = 55°33'43" LT
D = 6°57'12"
T = 434.10'
L = 799.06'
R = 824.00'
PC STA = 618+21.64'EGE'
PT STA = 626+20.70'EGE'
AH TAN BRG = S66°57'38"E

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
300	301	N84° 33' 04"E	129.44'
301	302	S10° 20' 03"E	131.03'
302	303	N86° 59' 31"E	93.69'
303	304	SEE CURVE NOTE	
304	305	S87° 18' 00"E	52.71'
305	306	SEE CURVE NOTE	
306	307	S11° 23' 55"E	406.17'
307	308	SEE CURVE NOTE	
308	309	S01° 00' 35"E	178.62'
309	310	SEE CURVE NOTE	
310	311	N11° 23' 55"W	406.17'
311	312	SEE CURVE NOTE	
312	313	N87° 18' 00"W	93.87'
313	314	SEE CURVE NOTE	
314	315	S85° 42' 23"W	36.15'
315	316	S31° 37' 52"W	170.86'
316	317	S00° 11' 28"E	654.51'
317	318	SEE CURVE NOTE	
318	319	S44° 12' 59"E	263.86'
319	320	S29° 05' 17"E	199.08'
320	321	SEE CURVE NOTE	
321	322	S61° 40' 18"E	810.20'
322	323	N43° 05' 45"E	374.98'
323	324	S01° 00' 35"E	415.95'
324	325	S01° 00' 35"E	164.62'
325	326	N60° 34' 06"W	1585.47'
326	300	N00° 11' 28"W	1501.11'

303-304
R=1234.50'
LCH=122.93'
LCB=N89° 50' 45"E
L=122.98'

305-306
R=858.50'
LCH=1055.93'
LCB=S49° 20' 58"E
L=1137.28'

307-308
R=765.50'
LCH=205.61'
LCB=S19° 07' 01"E
L=206.24'

309-310
R=858.50'
LCH=389.60'
LCB=N24° 30' 50"W
L=393.03'

311-312
R=765.50'
LCH=941.54'
LCB=N49° 20' 58"W
L=1014.08'

313-314
R=1177.50'
LCH=143.63'
LCB=S89° 12' 12"W
L=143.72'

317-318
R=666.20'
LCH=199.16'
LCB=S08° 58' 12"E
L=199.91'

320-321
R=666.20'
LCH=44.15'
LCB=S59°45'58"E
L=44.16'

R/W Station & Offset Table		
Point No.	Station	Offset
300	539+39.57 'EB'	1501.12'
301	600+78.62 'EGE'	182.56'
302	600+92.37 'EGE'	52.36'
303	601+82.84 'EGE'	54.26'
304	603+02.98 'EGE'	58.50'
305	603+55.69 'EGE'	58.50'
306	614+15.47 'EGE'	58.50'
307	618+21.64 'EGE'	58.50'
308	620+43.63 'EGE'	58.50'
309	621+98.87 'EGE'	34.50'
310	618+21.64 'EGE'	34.50'
311	614+15.47 'EGE'	34.50'
312	603+55.69 'EGE'	34.50'
313	602+61.82 'EGE'	34.50'
314	601+14.77 'EGE'	36.72'
315	600+77.71 'EB'	37.27'
316	541+54.44 'EB'	1216.48'
317	544+66.90 'EB'	641.37'
318	545+87.58 'EB'	482.93'
319	548+39.29 'EB'	403.76'
320	550+07.03 'EB'	296.54'
321	550+51.15 'EB'	295.07'
322	704+13.04 'CT'	133.89'
323	701+14.45 'CT'	50.00'
324	706+35.08 'CT'	49.72'
325	562+41.38 'EB'	151.49'
326	546+56.21 'EB'	182.12'

PLE / TLE Station & Offset Table		
Point No.	Station	Offset
P390	618+08.61 'EGE'	34.50'
P391	618+08.62 'EGE'	49.50'
P392	617+93.62 'EGE'	49.50'
P393	617+93.61 'EGE'	34.50'
P394	604+43.89 'EGE'	34.50'
P395	604+43.95 'EGE'	49.50'
P396	604+27.96 'EGE'	49.50'
P397	604+28.22 'EGE'	34.50'
T350	600+90.10 'EGE'	72.39'
T351	601+81.88 'EGE'	74.24'
T352	603+02.98 'EGE'	78.50'
T353	603+55.69 'EGE'	78.50'
T354	614+15.47 'EGE'	78.50'
T355	618+21.64 'EGE'	78.50'
T356	619+94.96 'EGE'	78.50'
T357	622+46.41 'EGE'	74.50'
T358	618+21.64 'EGE'	74.50'
T359	614+15.47 'EGE'	54.50'
T360	603+55.69 'EGE'	54.50'
T361	602+61.82 'EGE'	54.50'
T362	601+15.34 'EGE'	56.71'
T363	600+62.70 'EGE'	57.24'

PLE COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
310	P390	N11° 23' 55"W	13.03'
P390	P391	S78° 34' 14"W	15.00'
P391	P392	N11° 23' 55"W	15.00'
P392	P393	N78° 34' 14"E	15.00'
P393	P390	S11° 23' 55"E	15.00'
311	P393	S11° 23' 55"E	378.14'
311	P394	SEE CURVE NOTE	
P394	P395	S08° 48' 05"W	15.00'
P395	P396	N81° 33' 04"W	15.00'
P396	P397	N08° 48' 05"E	15.00'
P397	P394	SEE CURVE NOTE	
312	P394	SEE CURVE NOTE	

311-P394
R=765.50'
LCH=873.59'
LCB=N46°11'27"W
L=929.68'

P397-P394
R=765.50'
LCH=15.00'
LCB=S81° 32' 39"E
L=15.00'

312-P394
R=765.50'
LCH=84.36'
LCB=S84°08'29"E
L=84.40'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
AMERICAN TRANSMISSION COMPANY, LLC	DOC. NO. 1788439	6
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	DOC. NO. 794261 & 2391038	6
NET LEC, LLC	NO EASEMENT OF RECORD FOUND	6

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF DOCUMENT NO. 2872762.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NE REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

EXISTING ACCESS CONTROL ALONG STH 29/32 IS ESTABLISHED FROM PREVIOUS PROJECTS 1058-14-00, 9202-2-22, 9202-2-60 & DOC. 2399299.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

HIGHWAY	BASIS
STH 29/32	PREVIOUS PROJECT 9202-2-22
MARLEY STREET	PREVIOUS PROJECT 9202-2-22 & STATE STATUTE 82.31 (66' WIDE CENTERED ON CENTERLINE)

TPP NUMBER 9200-10-21 - 4.03
SHEET 2 OF 2

PRE_561

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.04

THAT PART OF LOT 1, CSM 7533 (RECORDED IN V. 51, P. 281 AS DOC. NO. 2267847), LOT 1, CSM 5468 (RECORDED IN V. 36, P. 40 AS DOC. 1564667) LOCATED IN AND INCLUDING PART OF THE SE 1/4 - SW 1/4; AND THAT PART OF THE SW 1/4 - SE 1/4 OF SECTION 2; THAT PART OF LOT 1, CSM 6484 (RECORDED IN V. 43, P. 144 AS DOC. NO. 1857802), AND PART OF LOT 1, CSM 6472 (RECORDED IN V. 43, P. 111 AS DOC. NO. 1850150), LOT 1, CSM 8892 (RECORDED IN V. 63, P. 367 AS DOC. NO. 2816531) LOCATED IN AND INCLUDING PART OF GOVERNMENT LOT 1, SECTION 11, ALL IN T24N, R19E, IN THE VILLAGE OF HOWARD, AND THAT PART OF LOT 1, CSM 6484 (RECORDED IN V. 43, P. 144 AS DOC. NO. 1857802) LOCATED IN GOVERNMENT LOT 1, SECTION 11, T24N, R19E IN THE VILLAGE OF HOBART, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF DOCUMENT NO. 2872762.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NORTHEAST REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

EXISTING ACCESS CONTROL ALONG STH 29/32 IS ESTABLISHED FROM PREVIOUS PROJECTS 1058-14-11, 9202-2-22, 9202-2-60 & DOC. 2399299.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
7	ROBERT & KATHLEEN MCALLISTER	FEE/TLE	6.73	----	6.73	1.62
8	T-BONE INVESTMENTS, LLC	TLE	----	----	----	0.005
9	ROGER VAN HEMELRYK	FEE/TLE	0.26	----	0.26	0.12
10	LEHL PROPERTIES, LLC (VENDOR) AND D&M, LLC (PURCHASER)	TLE	----	----	----	0.01
11	HOWARD SEGILMANN	FEE/TLE	0.23	----	0.23	0.12
12	ROBERT W. & KATHLEEN M. MCALLISTER / LINK MEDIA / LAMAR OF CENTRAL WISCONSIN	FEE/TLE	0.10	----	0.10	0.12
13	MAPLEWOOD MEATS, LLC	TLE	----	----	----	0.23

2874451
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
09/20/2019 03:56 PM
REC FEE: 25.00
PAGES: 2
*The above recording Informatio verifies that this document has been electronically recorded and returned to the submitter**

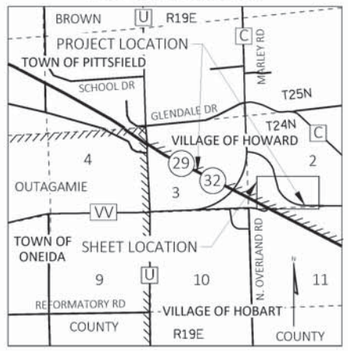
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.04
SHEET 1 OF 2
AMENDMENT NO:

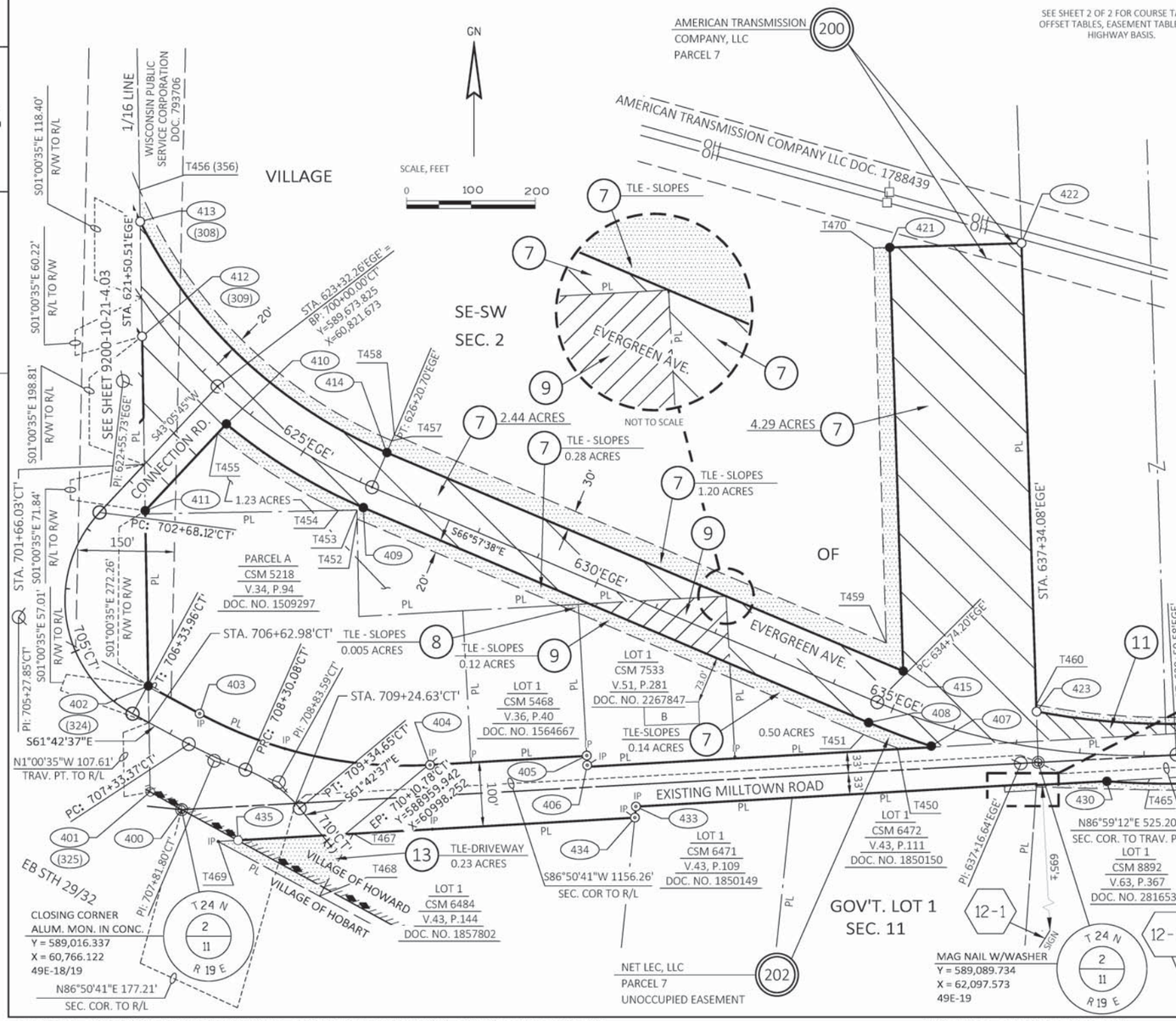
SEE SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, EASEMENT TABLES AND HIGHWAY BASIS.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
200	AMERICAN TRANSMISSION COMPANY	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	RELEASE OF RIGHTS
202	NET LEC, LLC	RELEASE OF RIGHTS

LOCATION SKETCH





SIGN NO.	OWNER	OASIS
12-1	ROBERT W. & KATHLEEN M. MCALLISTER / LINK MEDIA	4404
12-2	ROBERT W. & KATHLEEN M. MCALLISTER / LAMAR OF CENTRAL WISCONSIN	4401

KL Engineering
[A] Better Experience

I, TIMOTHY HELD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.04 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN TIMOTHY M. HELD S-2591 MADISON, WI LAND SURVEYOR

TIMOTHY M. HELD — 9-19-2019 DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

CURT VAN EREM — 9-20-2019

PRE_562

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\RW\040101-RP-2019 REVISIONS.DWG
APPRAISAL PLAT DATE : SEPTEMBER 19, 2019
PLOT DATE : 9/20/2019 1:19 PM PLOT BY : TIMOTHY HELD PLOT NAME : PLOT SCALE : ==========

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.04

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

4

SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, EASEMENT TABLES AND HIGHWAY BASIS.

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
AMERICAN TRANSMISSION COMPANY	DOC. NO. 1788439	7
WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	12' WIDE EASEMENT DOC. NO. 2832070	12
	DOC. NO. 793706	7
NET LEC, LLC	20' WIDE EASEMENT DOC. NO. 812292	7

HIGHWAY	BASIS
MILLTOWN ROAD	PREVIOUS PROJECT 9202-2-22, CSM'S 5218, 5468, 7533,6484, 6471 AND 6472 & STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE.
STH 29/32	PREVIOUS PROJECT 9202-2-22

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
400	401	N60° 34' 06"W	56.17'
401	402	N01° 00' 35"W	164.62'
402	403	S61° 40' 18"E	90.62'
403	404	SEE CURVE NOTE	
404	405	N86° 44' 06"E	246.26'
405	406	S02° 36' 12"E	17.00'
406	407	N86° 44' 06"E	540.00'
407	408	SEE CURVE NOTE	
408	409	N66° 57' 38"W	853.50'
409	410	SEE CURVE NOTE	
410	411	S43° 05' 45"W	184.58'
411	412	N01° 00' 35"W	270.65'
412	413	N01° 00' 35"W	178.62'
413	414	SEE CURVE NOTE	
414	415	S67° 04' 32"E	871.77'
415	421	N01° 49' 53"W	658.62'
421	422	N88° 10' 07"E	205.00'
422	423	S01° 49' 53"E	727.92'
423	424	SEE CURVE NOTE	
424	425	N86° 51' 30"E	258.42'
425	426	S02° 45' 46"E	12.00'
426	427	S03° 00' 48"E	68.00'
427	428	S03° 00' 48"E	13.00'
428	429	S86° 51' 30"W	258.02'
429	430	SEE CURVE NOTE	
430	431	S86° 51' 30"W	108.34
431	432	N04° 05' 03"E	2.02'
432	433	S86° 44' 06"W	623.84'
433	434	S05° 32' 00"W	17.20'
434	435	S86° 44' 06"W	618.55'
435	400	N61° 17' 40"W	99.25'

403-404
R=666.24'
LCH=364.87'
LCB=S77° 22' 21"E
L=369.59'

407-408
R=1190.90'
LCH=108.61'
LCB=N69° 34' 27"W
L=108.65'

409-410
R=858.50'
LCH=249.60''
LCB=N58° 36' 06"W
L=250.49'

413-414
R=765.50'
LCH=525.21'
LCB=S46° 53' 52"E
L=536.10'

423-424
R=1097.90'
LCH=267.03'
LCB=S86° 14' 29"E
L=267.69'

429-430
R=1190.90'
LCH=163.55'
LCB=N89° 17' 19"W
L=163.68'

R/W Station & Offset Table		
Point No.	Station	Offset
400	707+67.19 'CT'	95.89'
401	707+15.64 'CT'	93.84'
402	706+35.08 'CT'	49.72'
403	707+25.71 'CT'	49.66'
404	628+70.50 'EGE'	362.64'
405	630+91.26 'EGE'	253.52'
406	630+98.61 'EGE'	268.84'
407	635+79.34 'EGE'	35.04'
408	634+74.20 'EGE'	34.50'
409	626+20.70 'EGE'	34.50'
410	623+80.27 'EGE'	34.50'
411	702+17.62 'CT'	50.00'
412	621+98.87 'EGE'	34.50'
413	620+43.63 'EGE'	58.50'
414	626+20.70 'EGE'	58.50'
415	634+93.59 'EGE'	60.08'
421	632+15.47 'EGE'	657.79'
422	634+01.46 'EGE'	744.01'
423	637+23.14 'EGE'	55.53'
424	640+02.05 'EGE'	46.50'
425	642+60.47 'EGE'	46.31'
426	642+60.38 'EGE'	34.31'
427	642+60.15 'EGE'	33.69'
428	642+60.10 'EGE'	46.69'
429	640+02.09 'EGE'	46.40'
430	638+42.96 'EGE'	41.01'
431	637+40.66 'EGE'	57.39'
432	637+40.52 'EGE'	55.38'
433	631+92.40 'EGE'	296.10'
434	631+97.58 'EGE'	312.51'
435	626+43.08 'EGE'	586.61'

TLE Station & Offset Table		
Point No.	Station	Offset
T450	635+28.12 'EGE'	54.64'
T451	634+74.20 'EGE'	54.50'
T452	626+18.82 'EGE'	54.50'
T453	626+13.46 'EGE'	41.97'
T454	625+88.56 'EGE'	54.50'
T455	623+79.20 'EGE'	54.50'
T456	619+94.96 'EGE'	78.50'
T457	626+20.70 'EGE'	78.50'
T458	626+20.70 'EGE'	88.50'
T459	634+51.05 'EGE'	90.16'
T460	637+21.02 'EGE'	65.58'
T461	640+02.05 'EGE'	56.60'
T462	642+60.55 'EGE'	56.31'
T463	642+60.07 'EGE'	56.69'
T464	640+02.04 'EGE'	56.40'
T465	639+07.12 'EGE'	53.31'
T466	637+40.86 'EGE'	60.28'
T467	628+04.31 'EGE'	506.91'
T468	627+94.16 'EGE'	616.59'
T469	626+17.87 'EGE'	600.10'
T470	631+92.79 'EGE'	647.27'
T471	637+41.22 'EGE'	65.43'
T472	636+96.76 'EGE'	76.24'
T473	636+94.48 'EGE'	66.54'

NOTE:

POINTS 416 - 420 NOT USED.

TPP NUMBER 9200-10-21 - 4.04 SHEET 2 OF 2

PRE_563

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.05, AMENDMENT NO. 1

ADDS PARCEL 15 TO TRANSPORTATION PROJECT PLAT 9200-10-21-4.05, RECORDED AS DOCUMENT 2874452 IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY, WISCONSIN.

THAT PART LOT 1, CSM 5399 (RECORDED IN V. 35, P. 217 AS DOC. NO. 1549611); LOCATED IN AND INCLUDING PART OF THE SE 1/4 - NE 1/4 OF SECTION 3, AND LOT 1, CSM 5946 (RECORDED IN V. 39, P. 141 AS DOC. NO. 1705394); LOCATED IN THE SW 1/4 - NW 1/4 OF SECTION 2, ALL IN T24N, R19E, VILLAGE OF HOWARD, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
500	501	S87° 46' 14"W	57.31'
501	502	N17° 52' 37"E	55.66'
502	503	N00° 12' 17"W	80.26'
503	504	N05° 22' 54"W	55.00'
504	505	N62° 37' 53"W	25.24'
505	506	S87° 49' 59"W	46.08'
506	507	N02° 10' 01"W	70.00'
507	508	N87° 49' 59"E	59.11'
508	509	N44° 21' 31"E	14.52'
509	510	N00° 45' 30"E	150.09'
510	511	N08° 41' 44"E	25.86'
511	512	N00° 12' 17"W	23.33'
512	513	N87° 50' 57"E	80.05'
513	514	S00° 12' 56"E	196.34'
514	515	SEE CURVE NOTE	
515	516	S31° 50' 21"E	80.71'
516	517	S10° 20' 03"E	194.16'
517	500	S84° 33' 04"W	129.44'

R/W Station & Offset Table		
Point No.	Station	Offset
500	61+71.06 'NB'	35.15'
501	61+73.65 'NB'	92.40'
502	62+25.00 'NB'	70.92'
503	63+05.00 'NB'	64.46'
504	63+60.00 'NB'	65.00'
505	63+73.45 'NB'	86.36'
506	63+75.58 'NB'	132.39'
507	64+45.50 'NB'	129.14'
508	64+42.77 'NB'	70.10'
509	64+52.25 'NB'	59.12'
510	66+00.00 'NB'	46.45'
511	66+25.00 'NB'	41.41'
512	66+48.00 'NB'	40.65'
513	66+48.41 'NB'	39.40'
514	64+50.59 'NB'	27.60'
515	64+37.64 'NB'	38.97'
516	63+65.73 'NB'	75.63'
517	61+72.47 'NB'	94.28'

514-515
R=12.00'
LCH=17.23'
LCB=S46° 05' 18"E
L=19.23'

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
NET LEC, LLC	V. 1121, P. 281, DOC. NO. 812275	14
NET LEC, LLC	V. 1121, P. 292, DOC. NO. 812286	16

ACQUIRED UNDER PROJECT 9202-12-21.

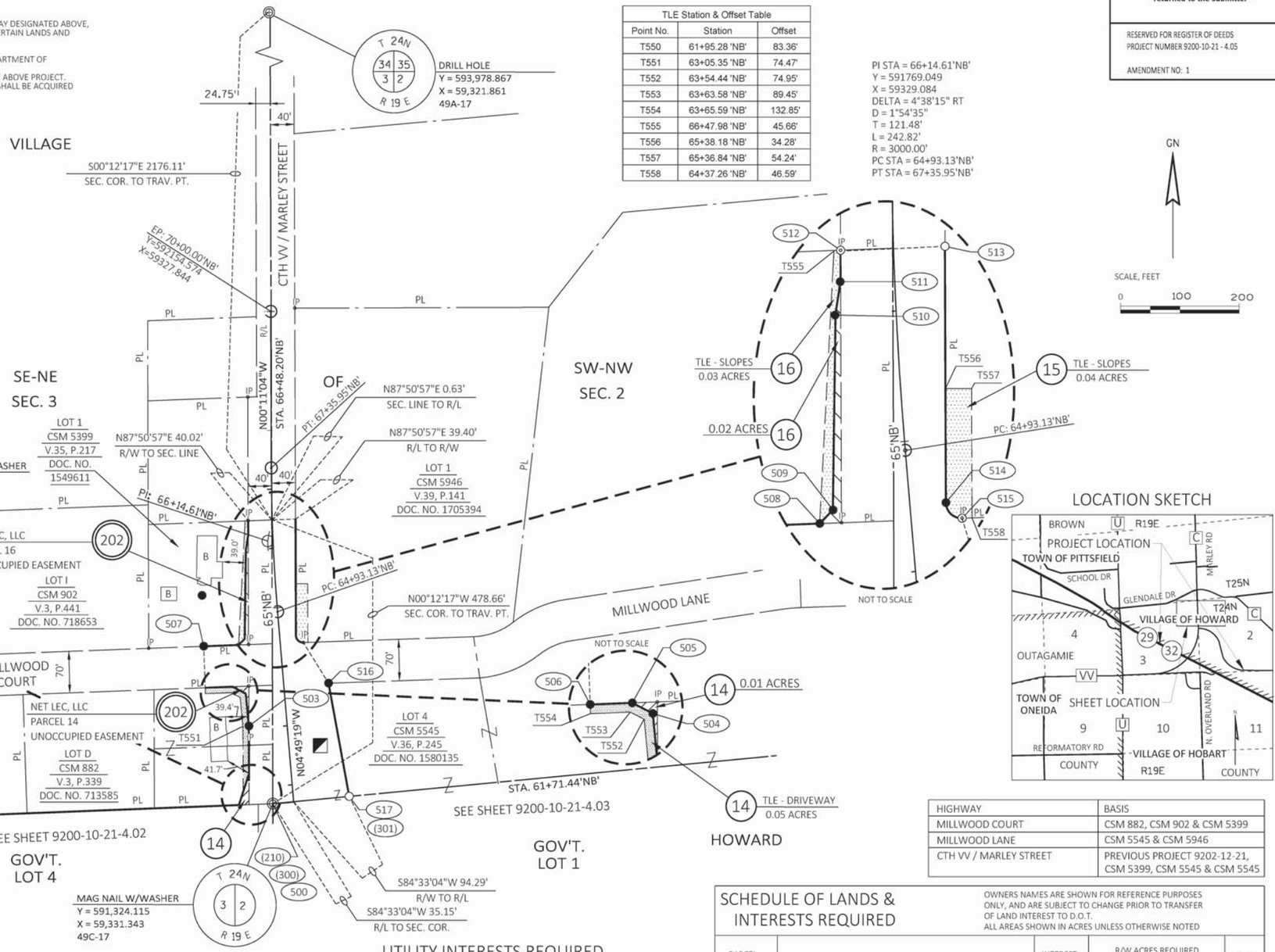
TLE Station & Offset Table		
Point No.	Station	Offset
T550	61+95.28 'NB'	83.36'
T551	63+05.35 'NB'	74.47'
T552	63+54.44 'NB'	74.95'
T553	63+63.58 'NB'	89.45'
T554	63+65.59 'NB'	132.85'
T555	66+47.98 'NB'	45.66'
T556	65+38.18 'NB'	34.28'
T557	65+36.84 'NB'	54.24'
T558	64+37.26 'NB'	46.59'

PI STA = 66+14.61'NB'
Y = 591769.049
X = 59329.084
DELTA = 4°38'15" RT
D = 1°54'35"
T = 121.48'
L = 242.82'
R = 3000.00'
PC STA = 64+93.13'NB'
PT STA = 67+35.95'NB'

2880571
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
11/06/2019 12:58 PM
REC FEE: 25.00
PAGES: 1
*The above recording Information verifies that this document has been electronically recorded and returned to the submitter**

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.05

AMENDMENT NO: 1



NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF DOCUMENT NO. 2872762.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NORTHEAST REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

KL Engineering
[A] Better Experience

I, TIMOTHY HELD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.05, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
TIMOTHY M. HELD
S-2591
MADISON, WI
LAND SURVEYOR

11-04-2019
TIMOTHY M. HELD — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
11-04-2019
CURT VAN EREM — DATE

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
202	NET LEC, LLC	RELEASE OF RIGHTS

HIGHWAY	BASIS
MILLWOOD COURT	CSM 882, CSM 902 & CSM 5399
MILLWOOD LANE	CSM 5545 & CSM 5946
CTH VV / MARLEY STREET	PREVIOUS PROJECT 9202-12-21, CSM 5399, CSM 5545 & CSM 5545

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
14	LEE E. & SHAREN L. ROESER	FEE, TLE	0.02	0.18	0.20	0.05
15	FRANK T SLEIK III AND MICHELE M. SLEIK	TLE	----	----	----	0.04
16	MICHAEL W. & RAMONA SHORT	FEE, TLE	0.02	0.19	0.21	0.03

PRE_564

TRANSPORTATION PROJECT PLAT NO: 9200-10-21-4.06, AMENDMENT NO. 1

AMENDS PARCEL 17, ADDS PARCEL 18 AND REMOVES UTILITY PARCEL 201 OF TRANSPORTATION PLAT 9200-10-21-4.06, RECORDED AS DOCUMENT 2877148 IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY, WISCONSIN.

THAT PART OF GOVERNMENT LOTS 1, 2, 3 & 11; AND THAT PART OF THE THE NW 1/4 -NE 1/4 OF SECTION 10, T24N, R19E, VILLAGE OF HOBART, BROWN COUNTY, WISCONSIN.

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

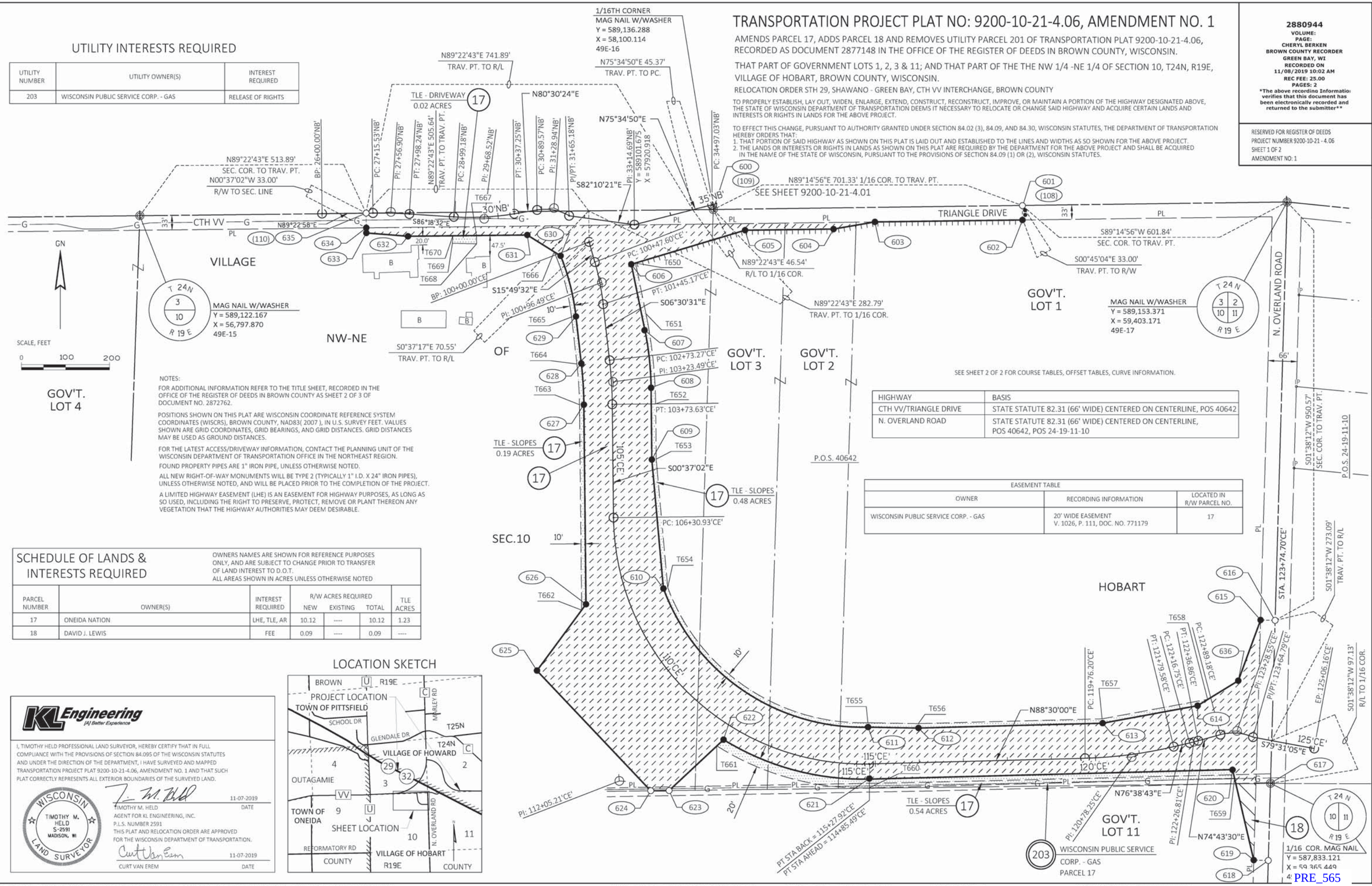
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

2880944
VOLUME:
PAGE:
CHERYL BERKEN
BROWN COUNTY RECORDER
GREEN BAY, WI
RECORDED ON
11/08/2019 10:02 AM
REC FEE: 25.00
PAGES: 2
*The above recording Informatio verifies that this document has been electronically recorded and returned to the submitter**

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9200-10-21 - 4.06
SHEET 1 OF 2
AMENDMENT NO: 1

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
203	WISCONSIN PUBLIC SERVICE CORP. - GAS	RELEASE OF RIGHTS



SEE SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION.

HIGHWAY	BASIS
CTH VV/TRIANGLE DRIVE	STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE, POS 40642
N. OVERLAND ROAD	STATE STATUTE 82.31 (66' WIDE) CENTERED ON CENTERLINE, POS 40642, POS 24-19-11-10

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL NO.
WISCONSIN PUBLIC SERVICE CORP. - GAS	20' WIDE EASEMENT V. 1026, P. 111, DOC. NO. 771179	17

NOTES:

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN BROWN COUNTY AS SHEET 2 OF 3 OF DOCUMENT NO. 2872762.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BROWN COUNTY, NAD83(2007), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN THE NORTHEAST REGION.

FOUND PROPERTY PIPES ARE 1" IRON PIPE, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" I.D. X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

A LIMITED HIGHWAY EASEMENT (LHE) IS AN EASEMENT FOR HIGHWAY PURPOSES, AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTEREST TO D.O.T.
ALL AREAS SHOWN IN ACRES UNLESS OTHERWISE NOTED

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
17	ONEIDA NATION	LHE, TLE, AR	10.12	----	10.12	1.23
18	DAVID J. LEWIS	FEE	0.09	----	0.09	----

LOCATION SKETCH

KL Engineering
[A] Better Experience

I, TIMOTHY HELD PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 9200-10-21-4.06, AMENDMENT NO. 1 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN TIMOTHY M. HELD S-2591 MADISON, WI LAND SURVEYOR

11-07-2019
TIMOTHY M. HELD — DATE
AGENT FOR KL ENGINEERING, INC.
P.L.S. NUMBER 2591
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

11-07-2019
CURT VAN EREM — DATE

TRANSPORTATION PROJECT PLAT NO: 9200-10-21 - 4.06, AMENDMENT NO. 1

RELOCATION ORDER STH 29, SHAWANO - GREEN BAY, CTH VV INTERCHANGE, BROWN COUNTY

SHEET 2 OF 2 FOR COURSE TABLES, OFFSET TABLES, CURVE INFORMATION.

4

4

CTH VV

BP = 26+00.00'NB'
Y = 589127.033
X = 57211.730

PI STA = 27+56.90'NB'
Y = 589128.723
X = 57368.625
DELTA = 4°18'30" RT
D = 5°12'31"
T = 41.38'
L = 82.71'
R = 1100.00'
PC STA = 27+15.53'NB'
PT STA = 27+98.24'NB'

PI STA = 29+68.52'NB'
Y = 589115.097
X = 57579.845
DELTA = 13°11'04" LT
D = 9°32'57"
T = 69.34'
L = 138.07'
R = 600.00'
PC STA = 28+99.18'NB'
PT STA = 30+37.25'NB'

PI STA = 31+28.94'NB'
Y = 589141.656
X = 57738.667
DELTA = 39°23'00" RT
D = 52°05'13"
T = 39.37'
L = 75.61'
R = 110.00'
PC STA = 30+89.57'NB'
PT STA = 31+65.18'NB'
AH TAN BRG = S60°06'36"E

PI STA = 31+65.18'NB'
Y = 589122.038
X = 57772.798
DELTA = 22°03'45" LT
BK TAN BRG = S60°06'36"E
AH TAN BRG = S82°10'21"E

PI STA = 36+94.86'NB'
Y = 589196.343
X = 58289.108
DELTA = 27°23'06" LT
D = 7°03'22"
T = 197.83'
L = 388.10'
R = 812.00'
PC STA = 34+97.03'NB'
PT STA = 38+85.13'NB'
AH TAN BRG = N48°11'44"E

PI STA = 33+14.69'NB'
Y = 589101.675
X = 57920.918
DELTA = 22°14'49" LT

'CE' ALIGNMENT

BP = 100+00.00'CE'
Y = 589062.676
X = 57818.111

PI STA = 100+96.49'CE'
Y = 588969.841
X = 57844.425
DELTA = 9°19'01" RT
D = 9°32'57"
T = 48.89'
L = 97.57'
R = 600.00'
PC STA = 100+47.60'CE'
PT STA = 101+45.17'CE'

PI STA = 103+23.49'CE'
Y = 588744.087
X = 57870.181
DELTA = 5°53'29" RT
D = 5°52'14"
T = 50.22'
L = 100.36'
R = 976.00'
PC STA = 102+73.27'CE'
PT STA = 103+73.63'CE'

PI STA = 112+05.21'CE'
Y = 587862.338
X = 57879.681
DELTA = 90°52'58" LT
D = 10°07'55"
T = 574.28'
L = 897.00'
R = 565.50'
PC STA = 106+30.93'CE'
PT STA = 115+27.92'CE'

PI STA = 120+78.25'CE'
Y = 587892.887
X = 59046.325
DELTA = 11°51'17" LT
D = 5°49'43"
T = 102.06'
L = 203.39'
R = 983.00'
PC STA = 119+76.20'CE'
PT STA = 121+79.58'CE'

PI STA = 122+26.81'CE'
Y = 587927.368
X = 59191.571
DELTA = 1°55'13" RT
D = 9°32'57"
T = 10.06'
L = 20.11'
R = 600.00'
PC STA = 122+16.75'CE'
PT STA = 122+36.86'CE'

PI STA = 123+28.55'CE'
Y = 587954.172
X = 59289.719
DELTA = 39°23'00" RT
D = 52°05'13"
T = 39.37'
L = 75.61'
R = 110.00'
PC STA = 122+89.18'CE'
PT STA = 123+64.79'CE'
AH TAN BRG = S65°53'29"E

PI STA = 123+64.79'CE'
Y = 587938.092
X = 59325.653
DELTA = 13°37'36" LT
BK TAN BRG = S65°53'29"E
AH TAN BRG = S79°31'05"E

EP = 125+06.16'CE'
Y = 587912.374
X = 59464.658

R/W COURSE TABLE			
FROM POINT	TO POINT	BEARING	DISTANCE
600	601	N89° 14' 56"E	701.33'
601	602	S00° 45' 04"E	33.00'
602	603	S89° 14' 56"W	334.82'
603	604	S80° 10' 26"W	95.10'
604	605	S89° 14' 56"W	201.15'
605	606	S73° 20' 22"W	269.52'
606	607	S11° 37' 14"E	153.12'
607	608	SEE CURVE NOTE	
608	609	S00° 37' 02"E	162.92'
609	610	S05° 07' 29"E	294.03'
610	611	SEE CURVE NOTE	
611	612	S88° 59' 59"E	114.62'
612	613	N88° 30' 00"E	418.19'
613	614	N79° 32' 39"E	219.31'
614	636	N58° 29' 15"E	108.37'
636	615	N20° 12' 10"E	146.94'
615	616	S88° 21' 48"E	33.00'
616	617	S01° 38' 12"W	370.22'
617	618	S01° 37' 52"W	175.23'
618	619	N88° 22' 08"W	33.00'
619	620	N13° 13' 59"W	211.18'
620	621	S88° 30' 00"W	824.75'
621	622	SEE CURVE NOTE	
622	623	S46° 57' 32"W	169.31'
623	624	S89° 19' 25"W	41.59'
624	625	N43° 26' 18"W	375.79'
625	626	N36° 26' 59"E	187.46'
626	627	N00° 37' 02"W	453.26'
627	628	SEE CURVE NOTE	
628	629	N06° 30' 31"W	107.50'
629	630	SEE CURVE NOTE	
630	631	N57° 58' 45"W	89.39'
631	632	S89° 22' 58"W	271.05'
632	633	N85° 24' 29"W	94.75'
633	634	N00° 37' 02"W	11.63'
634	635	N00° 37' 02"W	33.00'
635	600	N89° 22' 43"E	788.43'

607-608
R=685.00'
LCH=131.35'
LCB=S06° 07' 08"E
L=131.55'

610-611
R=482.00'
LCH=561.30'
LCB=S55° 53' 25"E
L=599.13'

621-622
R=600.00'
LCH=343.08'
LCB=N74° 53' 15"W
L=347.93'

627-628
R=911.50'
LCH=93.68'
LCB=N03° 33' 47"W
L=93.73'

629-630
R=532.00'
LCH=141.88'
LCB=N14° 10' 18"W
L=142.31'

R/W Station & Offset Table		
Point No.	Station	Offset
600	34+96.87 'NB'	11.10'
601	39+70.56 'NB'	391.95'
602	39+56.45 'NB'	413.24'
603	37+84.57 'NB'	192.07'
604	37+12.10 'NB'	155.91'
605	35+50.00 'NB'	76.52'
606	100+71.77 'CE'	78.95'
607	102+14.83 'CE'	87.52'
608	103+40.13 CE	89.13'
609	105+00.00 'CE'	88.50'
610	108+25.00 'CE'	83.50'
611	115+27.92 'CE'	83.50'
612	116+00.00 'CE'	78.50'
613	120+21.81 'CE'	77.53'
614	122+56.50 'CE'	77.12'
615	123+37.03 'CE'	261.71'
616	123+46.56 'CE'	267.72'
617	124+23.02 'CE'	95.98'
618	124+49.98 'CE'	269.12'
619	124+17.37 'CE'	274.20'
620	123+44.99 'CE'	83.17'
621	114+85.49 'CE'	34.50'
622	112+00.00 'CE'	34.50'
623	111+67.08 'CE'	199.16'
624	111+42.89 'CE'	224.17'
625	108+77.10 'CE'	253.91'
626	108+01.46 'CE'	94.27'
627	103+73.63 'CE'	64.50'
628	102+73.27 'CE'	64.50'
629	101+65.77 'CE'	64.50'
630	100+12.80 'CE'	70.80'
631	30+58.37 'NB'	52.29'
632	27+98.24 'NB'	50.64'
633	27+00.01 'NB'	45.00'
634	27+00.00 'NB'	33.37'
635	27+00.00 'NB'	0.37'
636	123+24.07 'CE'	118.84'

TLE Station & Offset Table		
Point No.	Station	Offset
T650	100+71.29 'CE'	88.98'
T651	101+77.53 'CE'	94.23'
T652	103+73.63 'CE'	98.50'
T653	104+99.21 'CE'	98.47'
T654	108+26.59 'CE'	93.50'
T655	115+27.92 'CE'	93.50'
T656	116+00.00 'CE'	88.50'
T657	120+21.46 'CE'	87.55'
T658	122+83.22 'CE'	84.90'
T659	123+64.79 'CE'	102.44'
T660	115+27.92 'CE'	54.50'
T661	111+95.04 'CE'	54.50'
T662	108+09.59 'CE'	107.83'
T663	103+73.63 'CE'	74.50'
T664	102+73.27 'CE'	74.50'
T665	101+65.77 'CE'	74.50'
T666	100+00.00 'CE'	82.40'
T667	29+50.00 'NB'	41.24'
T668	29+50.00 'NB'	60.00'
T669	29+00.00 'NB'	60.00'
T670	29+00.00 'NB'	42.97'

T651-T652
R=1074.50'
LCH=206.03'
LCB=S06° 07' 08"E
L=206.35'

TPP NUMBER 9200-10-21 - 4.06 , AMEND NO. 1
SHEET 2 OF 2

PRE_566

FILE NAME : G:\AYRES\A20-10032-000\CIVIL 3D\SHEETSPLAN\RW\040101-RP-2019 REVISIONS.DWG
APPRAISAL PLAT DATE : NOVEMBER 07, 2019

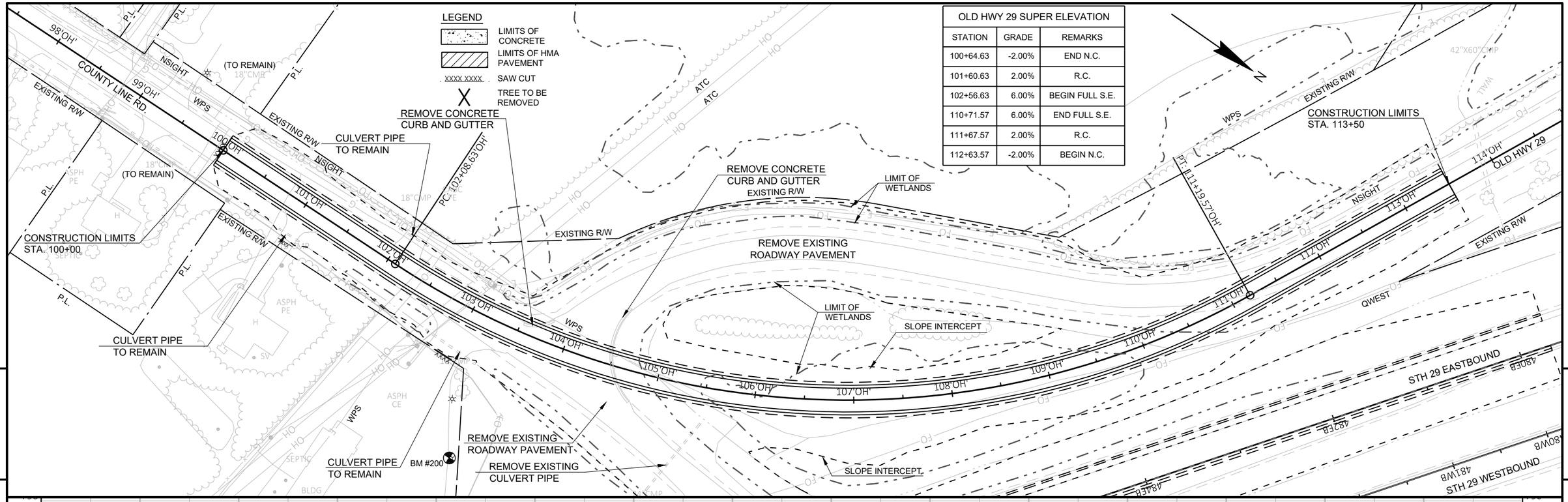
PLOT DATE : 11/7/2019 10:41 AM PLOT BY : TIMOTHY HELD PLOT NAME : PLOT SCALE : **********

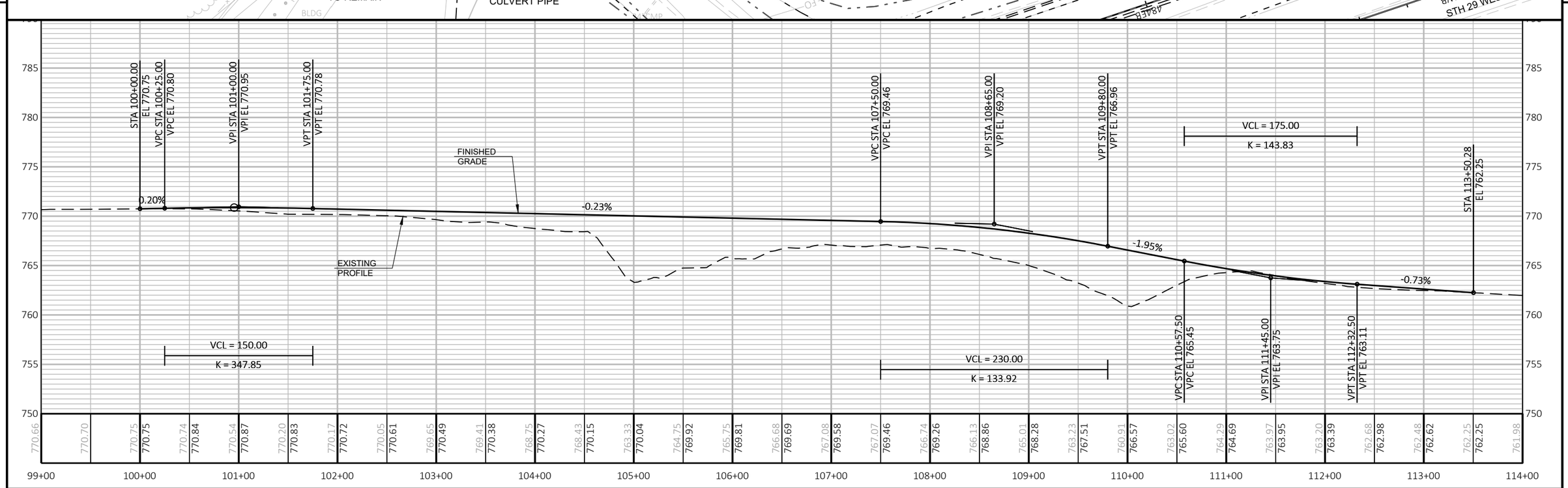
9200-10-21 4.06, AMEND. 1

LEGEND

- LIMITS OF CONCRETE
- LIMITS OF HMA PAVEMENT
- XXXX XXXX SAW CUT
- X TREE TO BE REMOVED

OLD HWY 29 SUPER ELEVATION		
STATION	GRADE	REMARKS
100+64.63	-2.00%	END N.C.
101+60.63	2.00%	R.C.
102+56.63	6.00%	BEGIN FULL S.E.
110+71.57	6.00%	END FULL S.E.
111+67.57	2.00%	R.C.
112+63.57	-2.00%	BEGIN N.C.





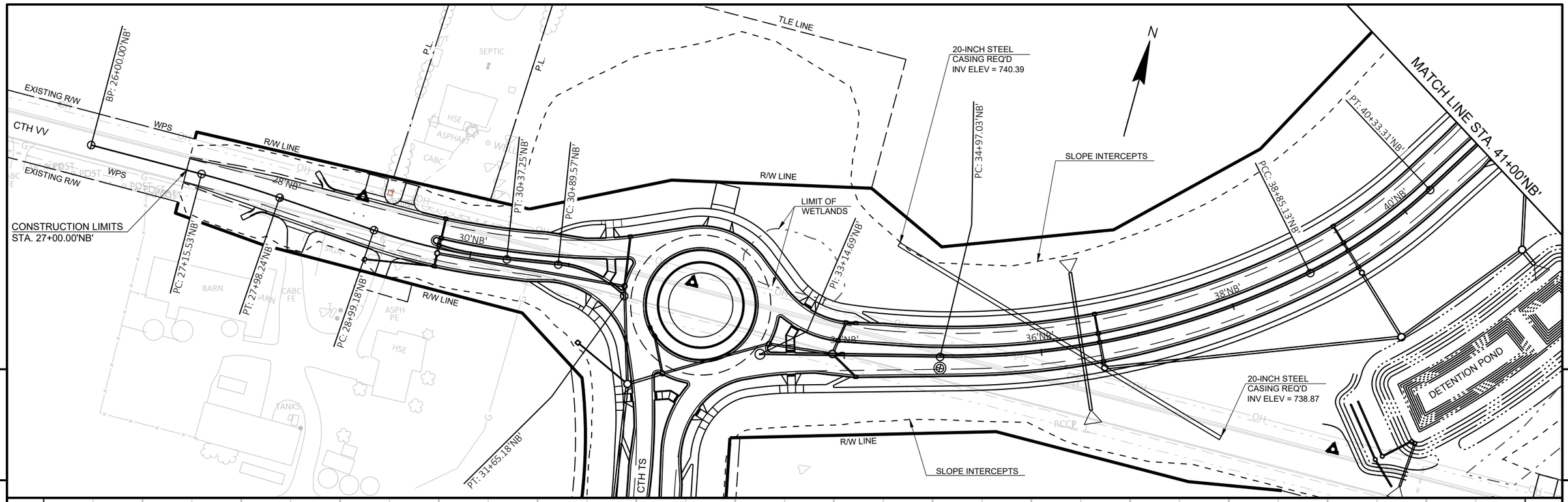
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: OLD HWY 29 WITH REMOVALS	SHEET E

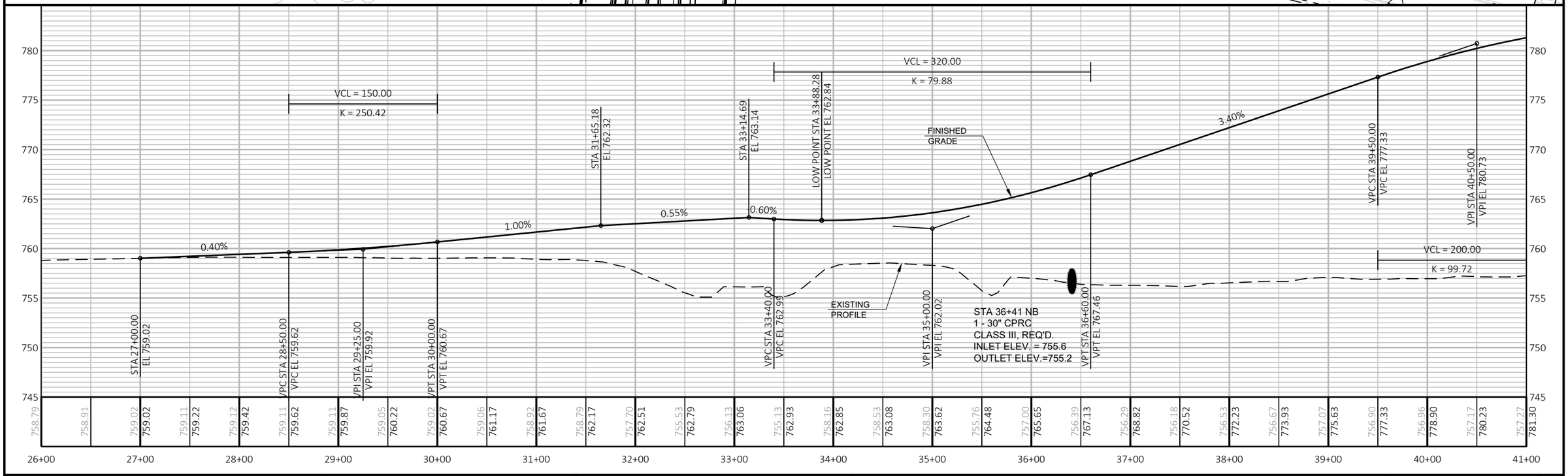
PRE_567

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050101-PPOH.DWG
LAYOUT NAME - 050101 pp

PLOT DATE : 1/22/2020 9:12 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





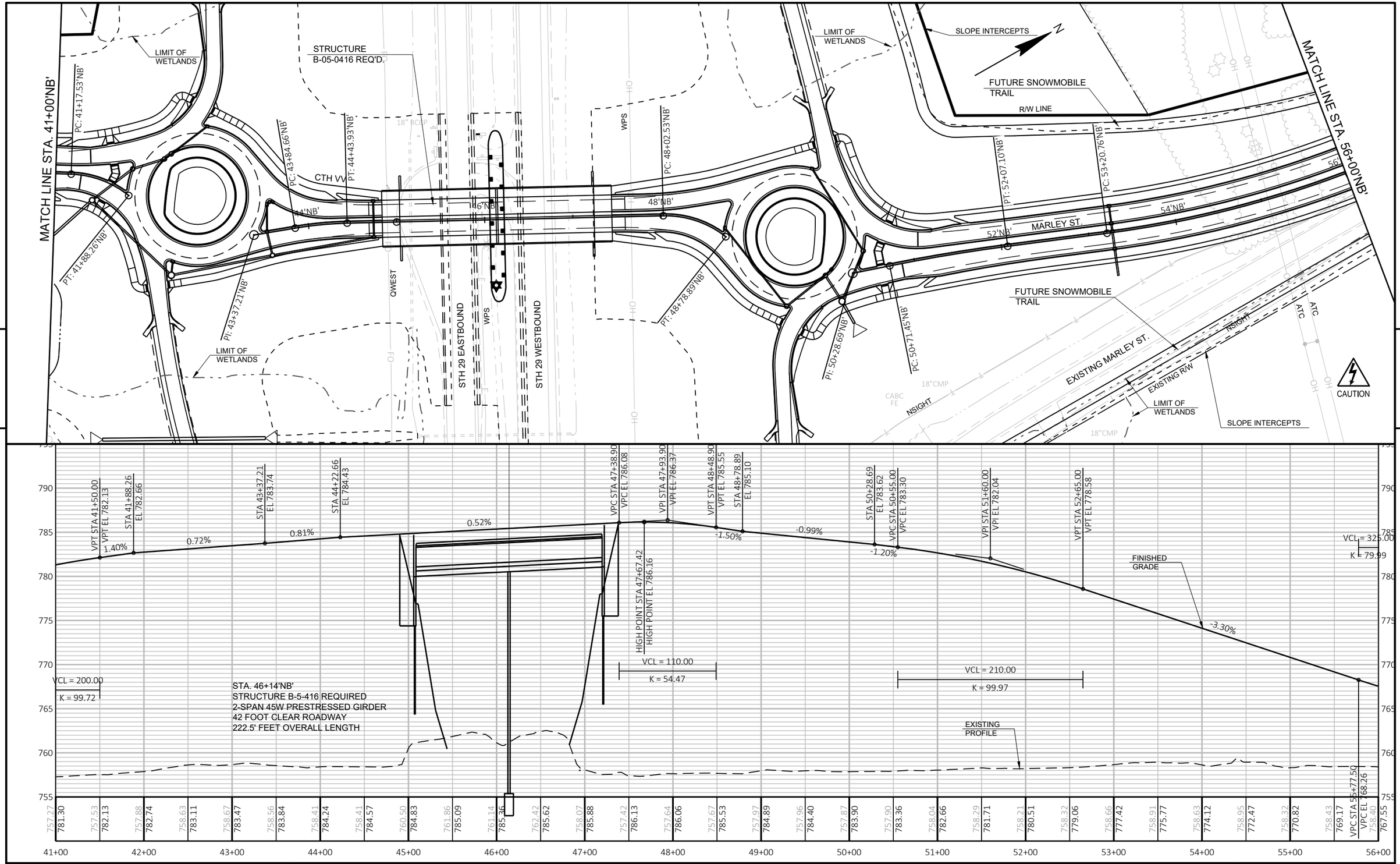
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH VV NORTHBOUND	SHEET E

PRE_568

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050102-PPNB.DWG
LAYOUT NAME - 050102 pp

PLOT DATE : 1/22/2020 9:13 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



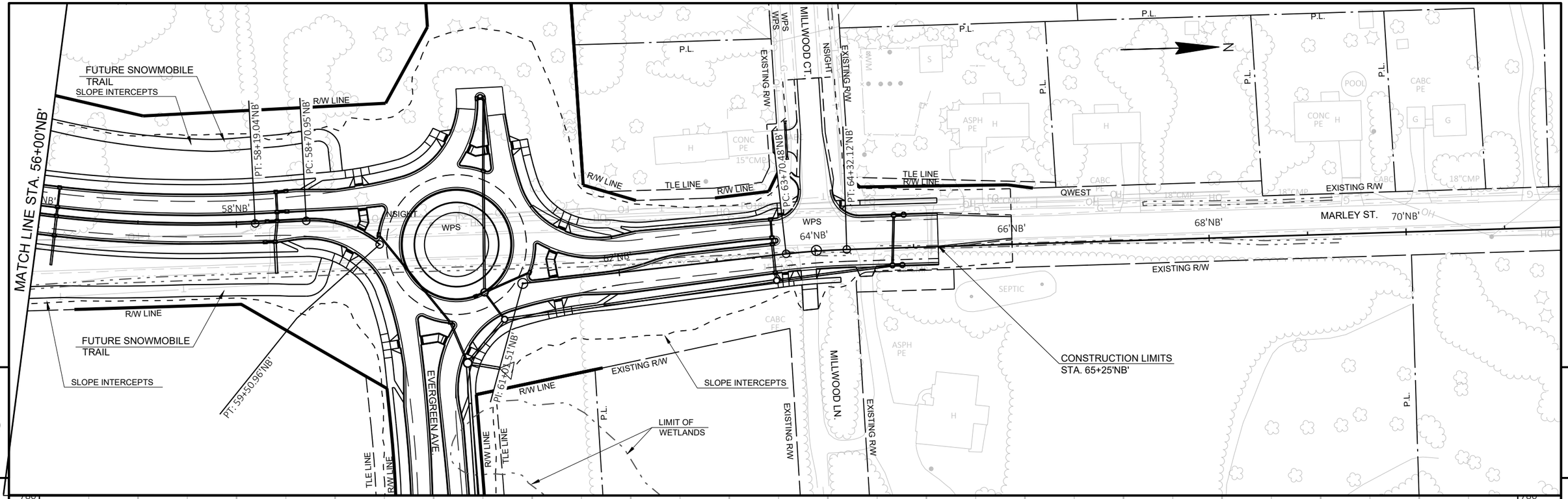
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH VV/MARLEY ST. NORTHBOUND	SHEET E

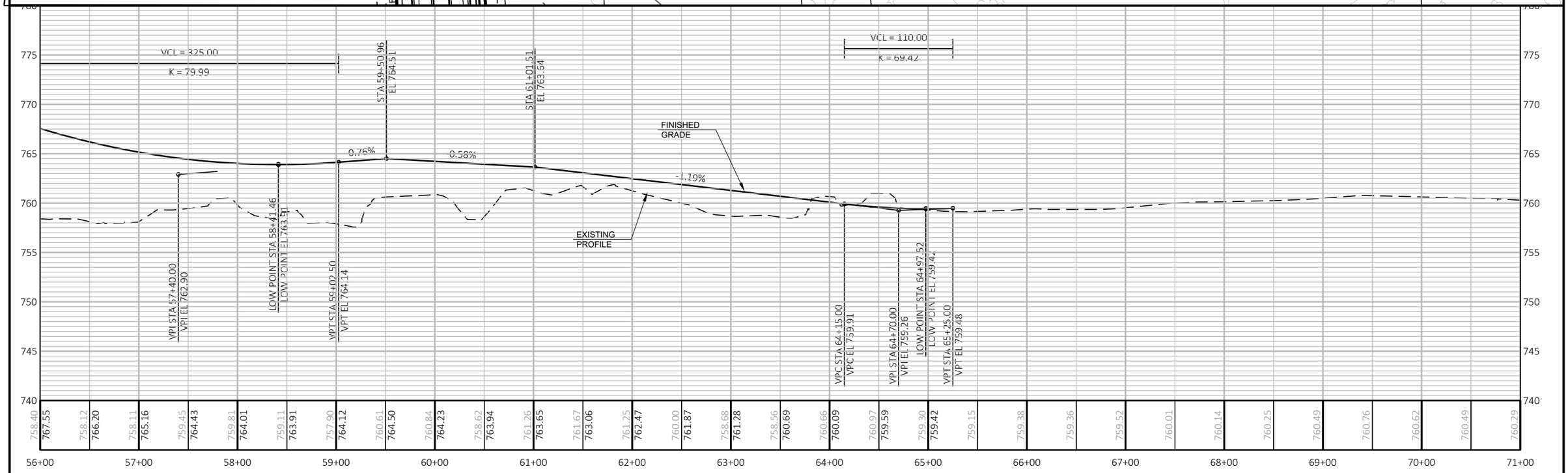
PRE_569

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050102-PPNB.DWG
LAYOUT NAME - 050103 pp

PLOT DATE : 1/22/2020 9:13 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





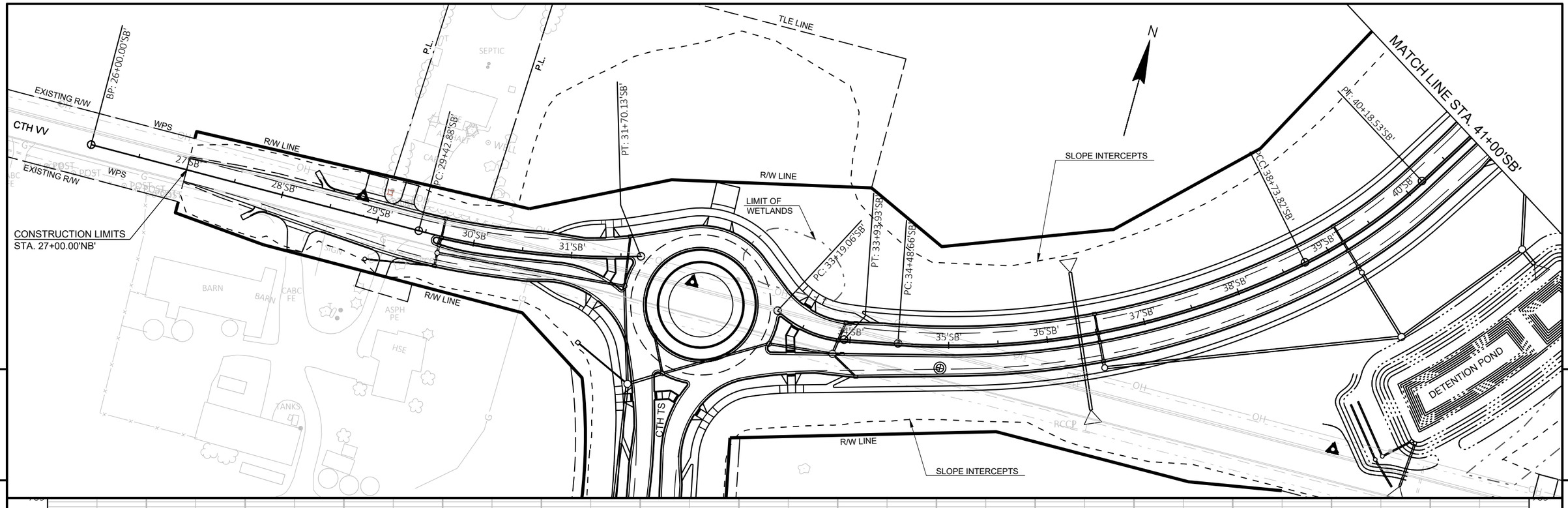
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: MARLEY ST. NORTHBOUND	SHEET E

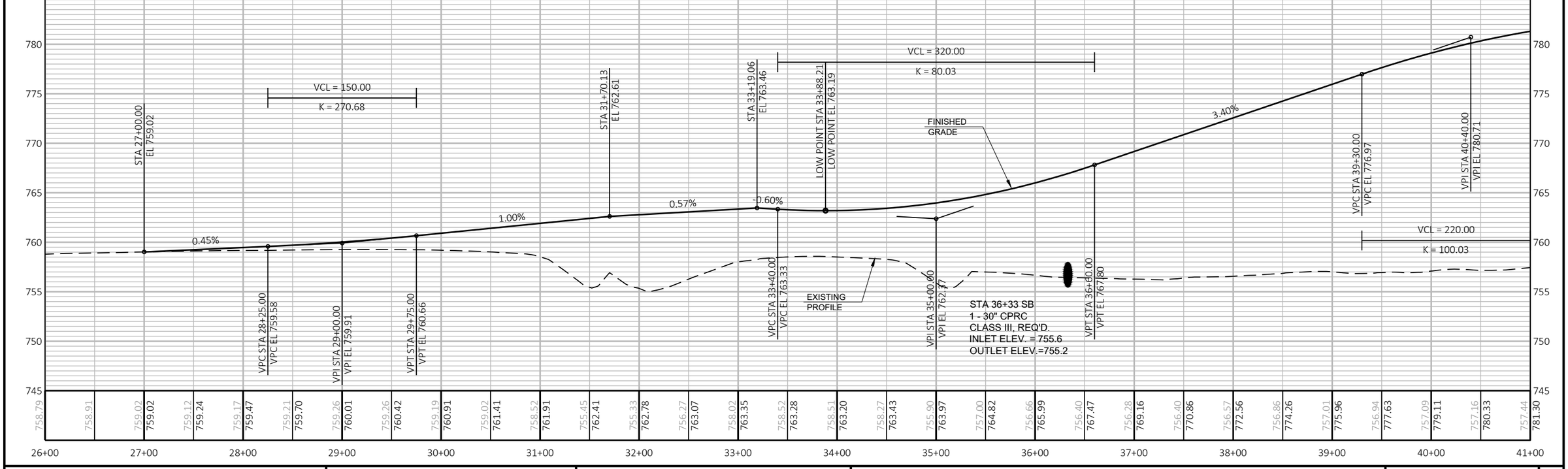
PRE_570

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050102-PPNB.DWG
LAYOUT NAME - 050104 pp

PLOT DATE : 1/22/2020 9:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



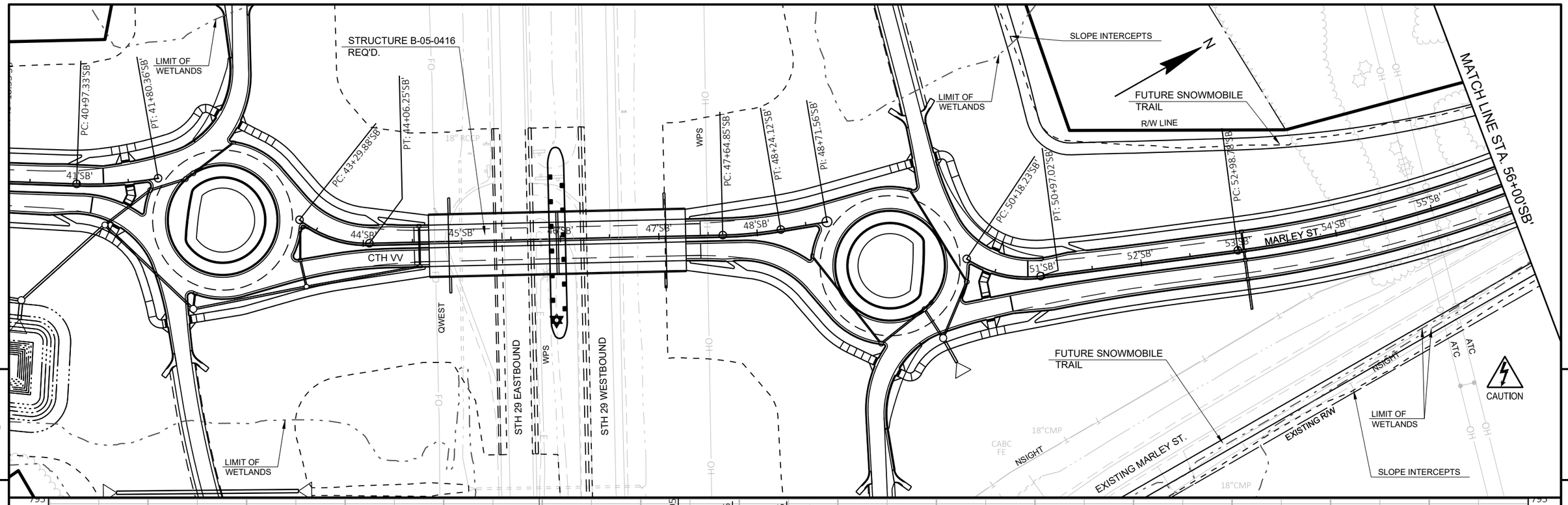


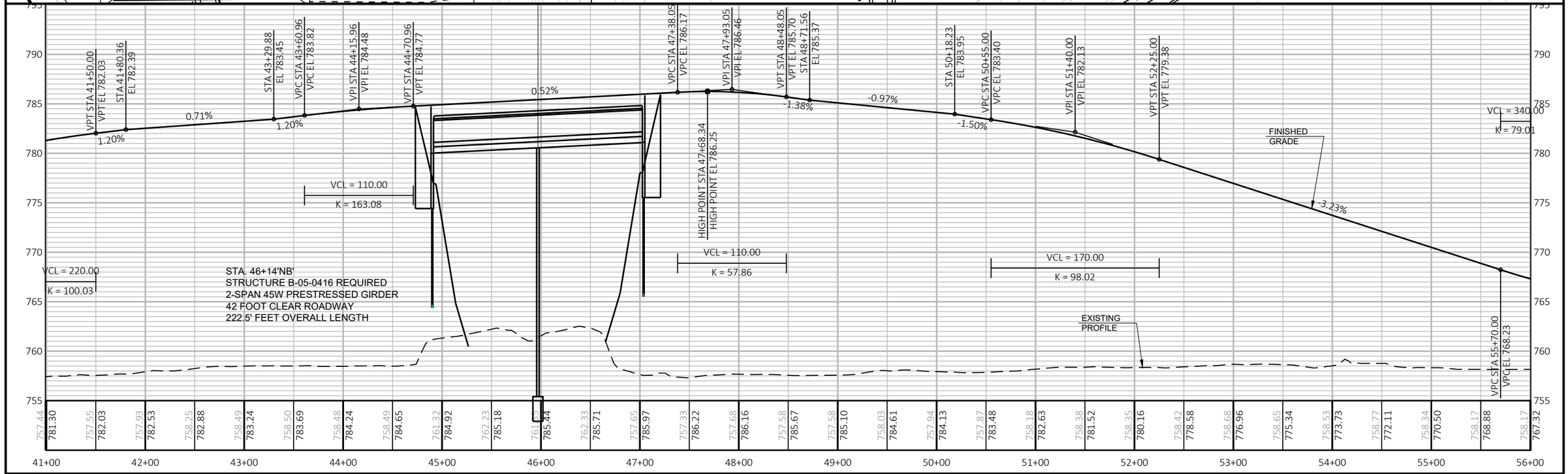
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH VV SOUTHBOUND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050103-PPSB.DWG
LAYOUT NAME - 050105 pp
PLOT DATE : 1/22/2020 9:21 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

PRE_571

WISDOT/CADDS SHEET 44

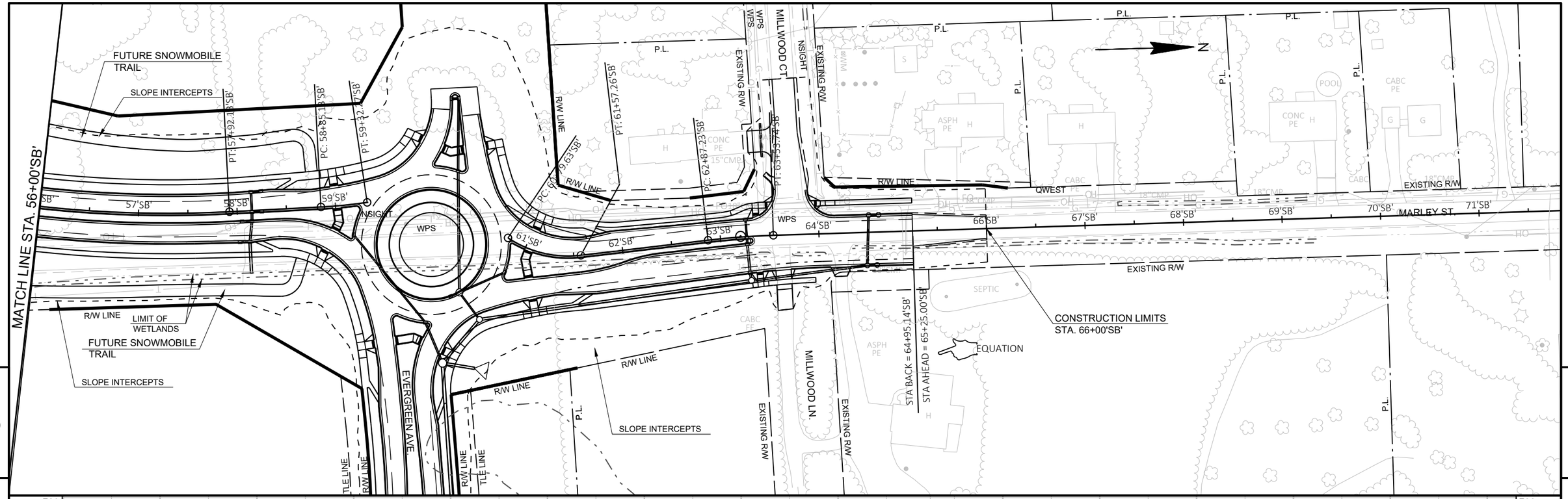


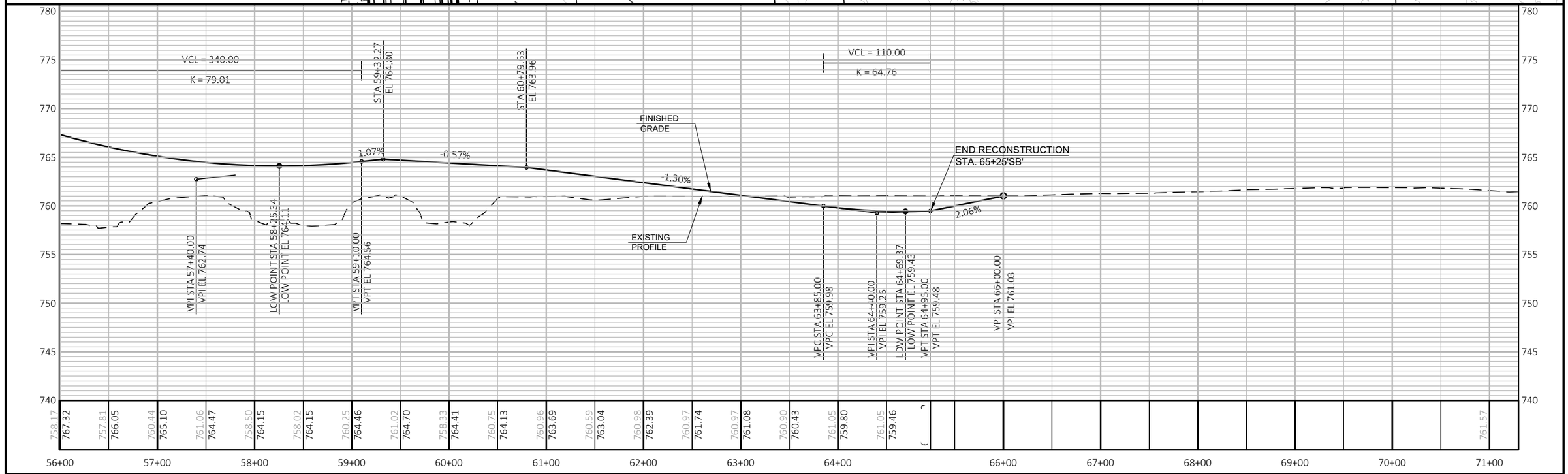


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH VV/MARLEY ST. SOUTHBOUND	SHEET E

PRE_572

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050103-PPSB.DWG
LAYOUT NAME - 050106 pp
PLOT DATE : 1/22/2020 9:22 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



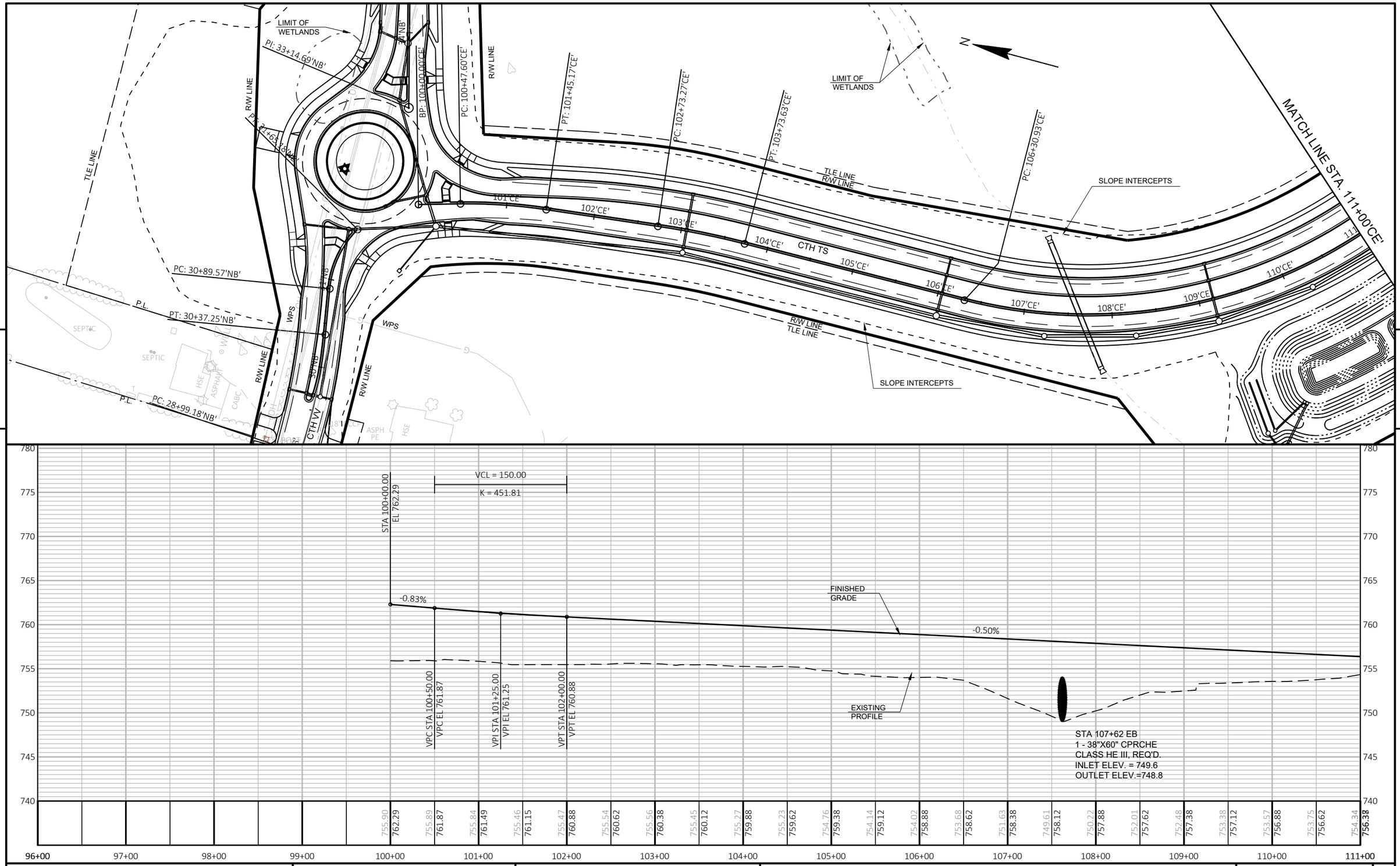


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: MARLEY ST. SOUTHBOUND	SHEET E

PRE_573

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050103-PPSB.DWG
LAYOUT NAME - 050107 pp

PLOT DATE : 1/22/2020 9:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : Custom



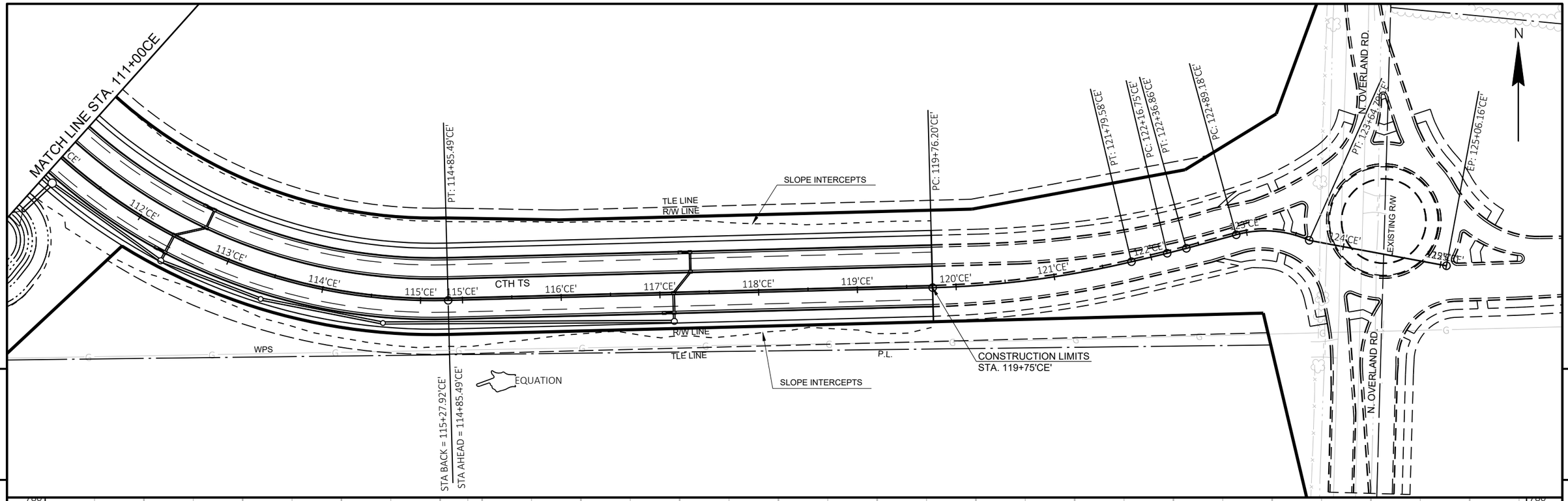
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH TS EASTBOUND	SHEET E

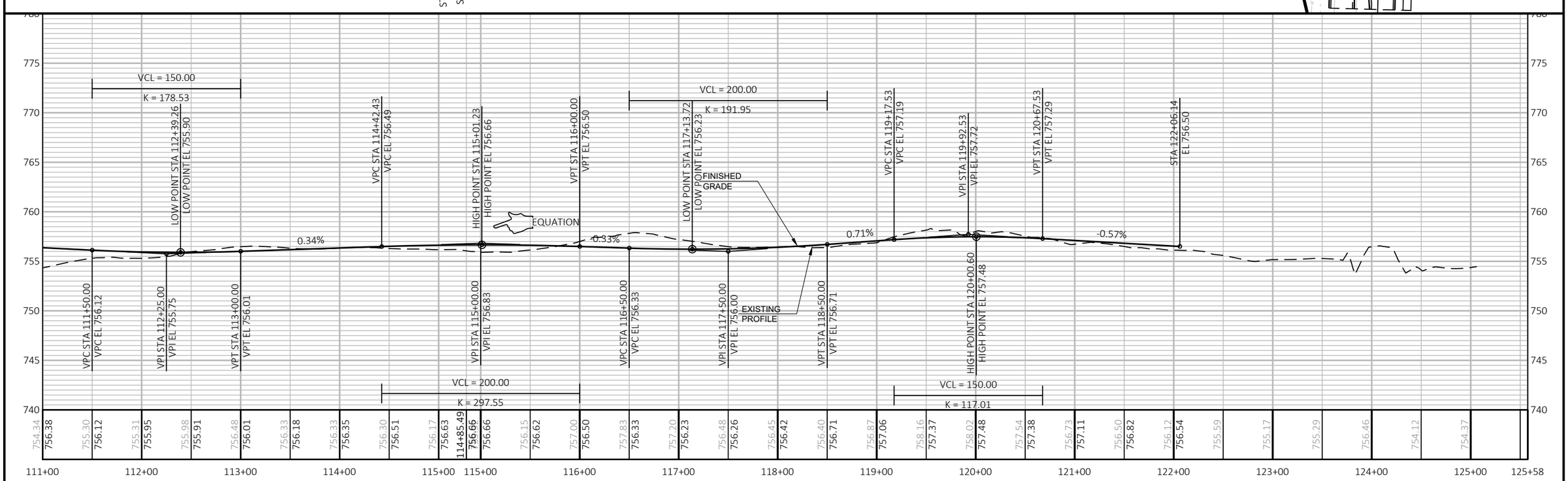
PRE_574

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050104-PPCEB.DWG
LAYOUT NAME - 050108 pp

PLOT DATE : 1/22/2020 9:24 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





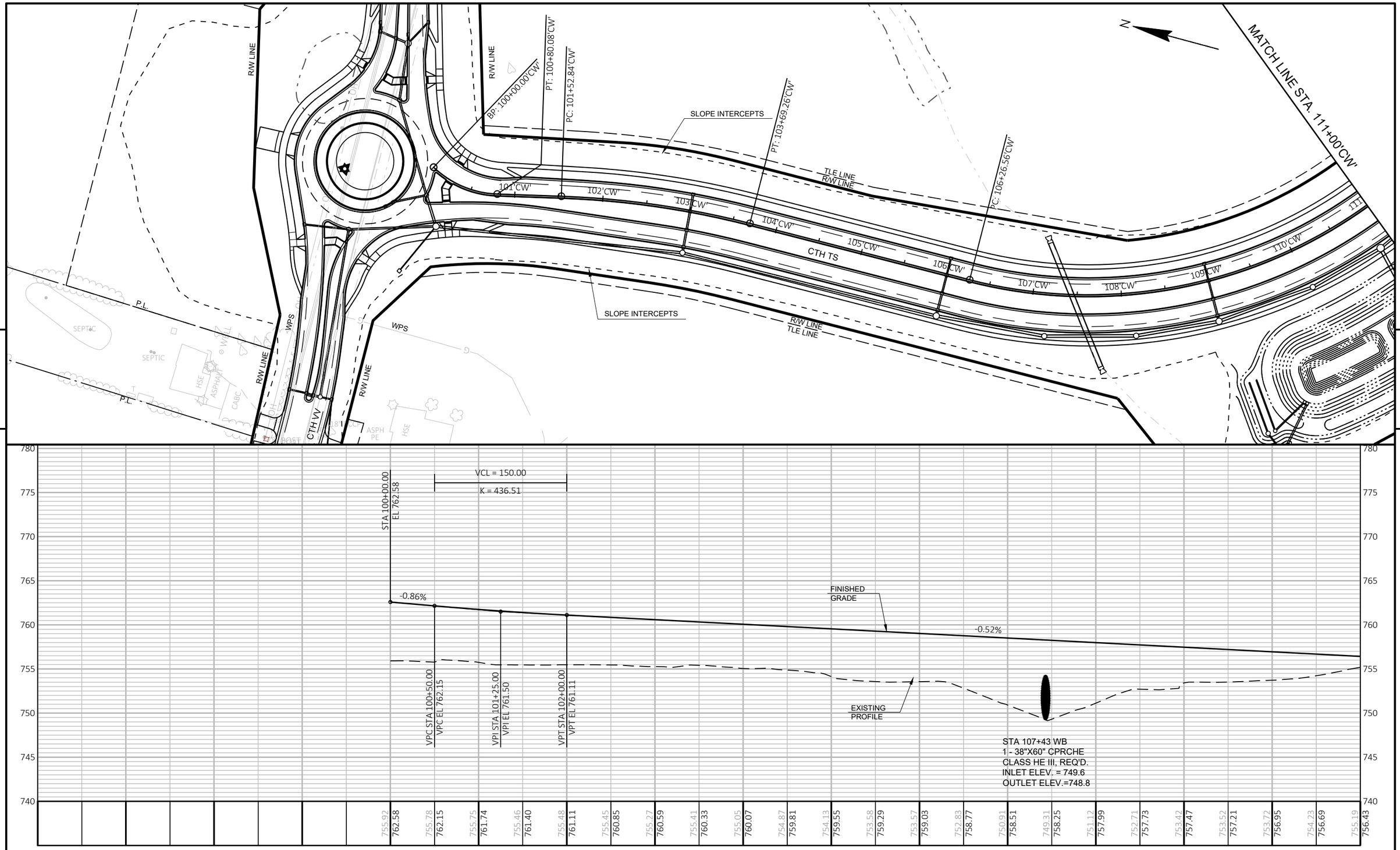
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH TS EASTBOUND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050104-PPCEB.DWG
LAYOUT NAME - 050109 pp

PLOT DATE : 1/22/2020 9:25 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_575

WISDOT/CADDS SHEET 44



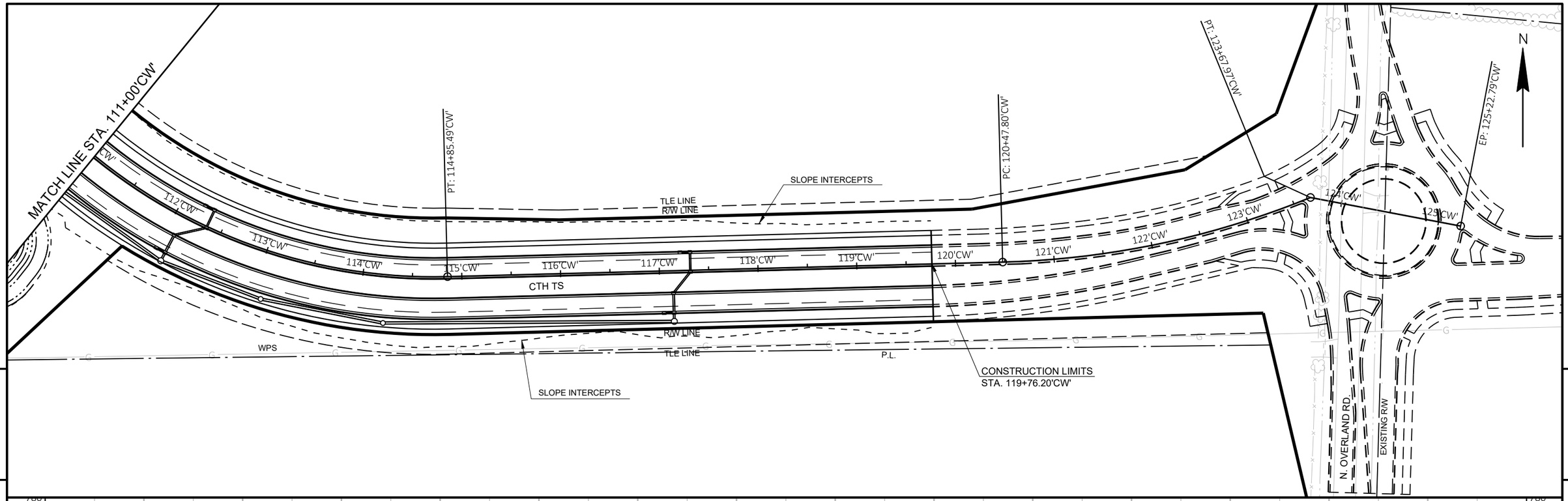
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH TS WESTBOUND	SHEET E

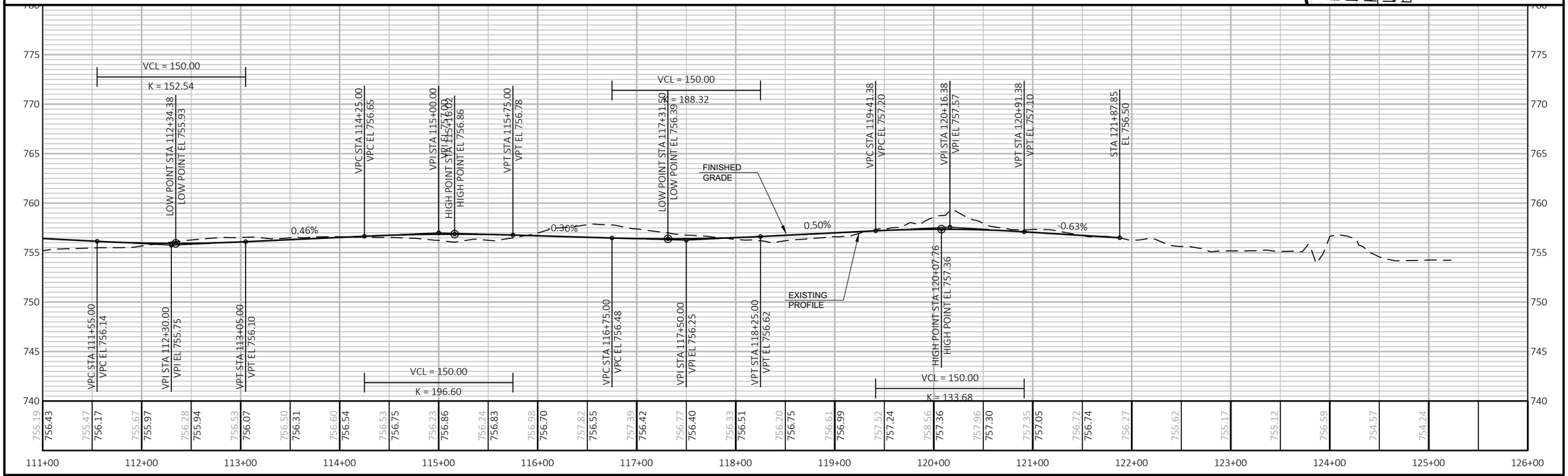
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050105-PPCWB.DWG
LAYOUT NAME - 050110 pp

PLOT DATE : 1/22/2020 9:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_576

WISDOT/CADDS SHEET 44

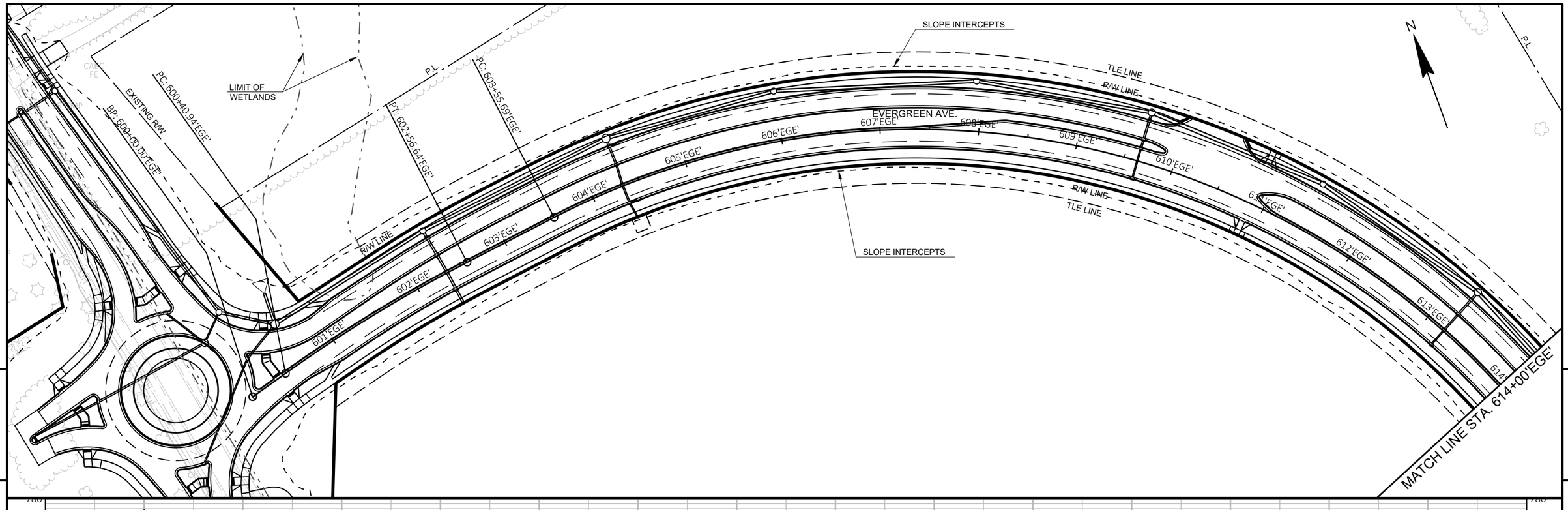


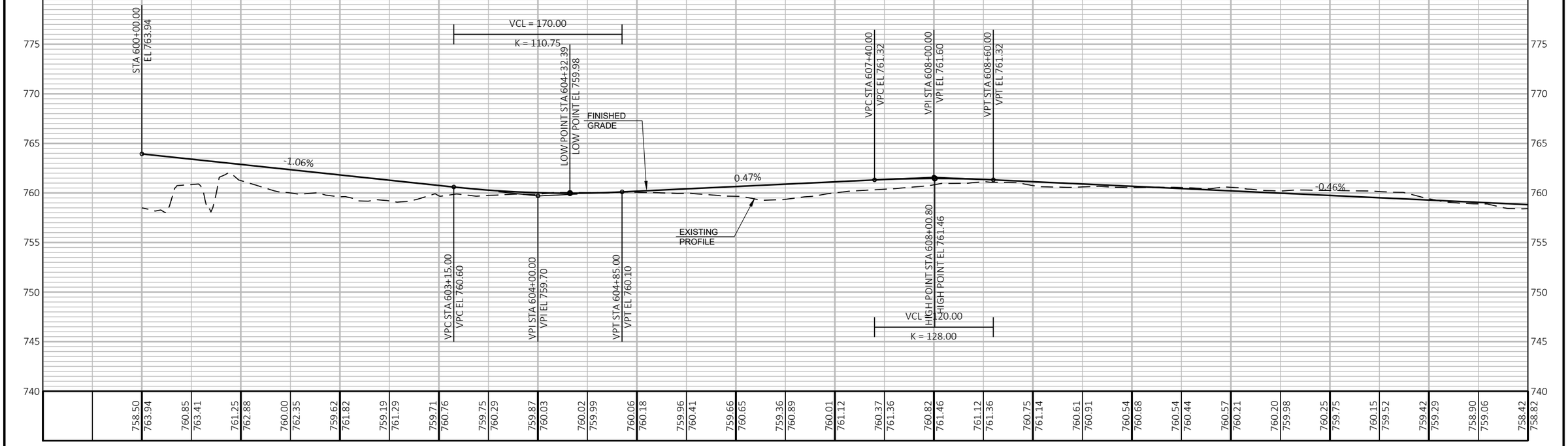


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH TS WESTBOUND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050105-PPCWB.DWG
LAYOUT NAME - 050111 pp
PLOT DATE : 1/22/2020 9:27 PM
PLOT BY : SOUFAL, KEVIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

PRE_577





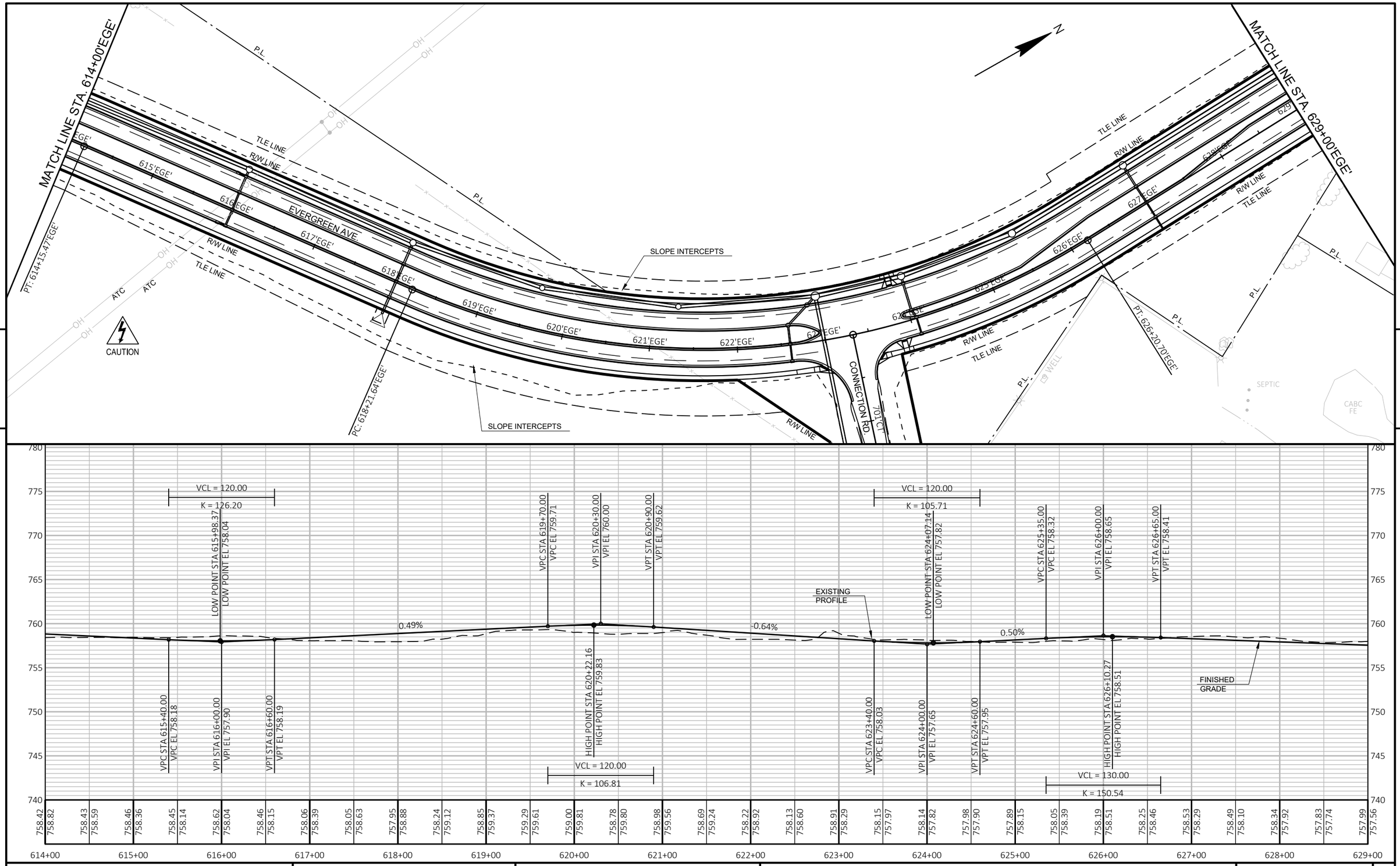
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. EASTBOUND	SHEET E

PRE_578

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050106-PPEEB.DWG
LAYOUT NAME - 050112 pp

PLOT DATE : 1/22/2020 9:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



5

5

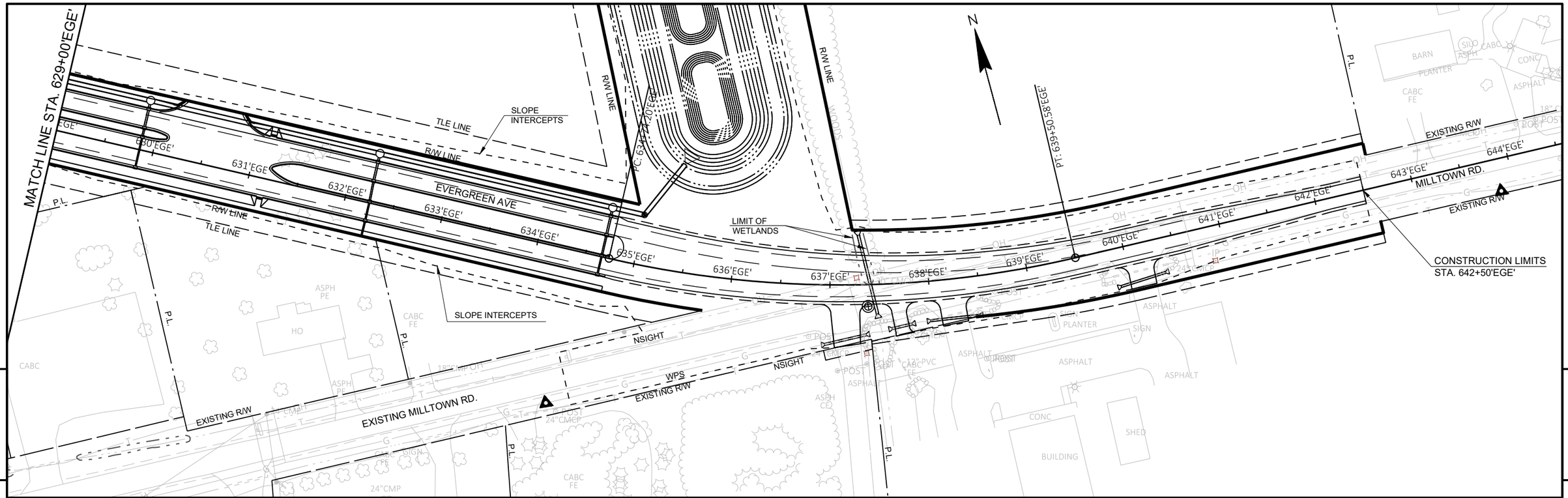
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. EASTBOUND	SHEET E

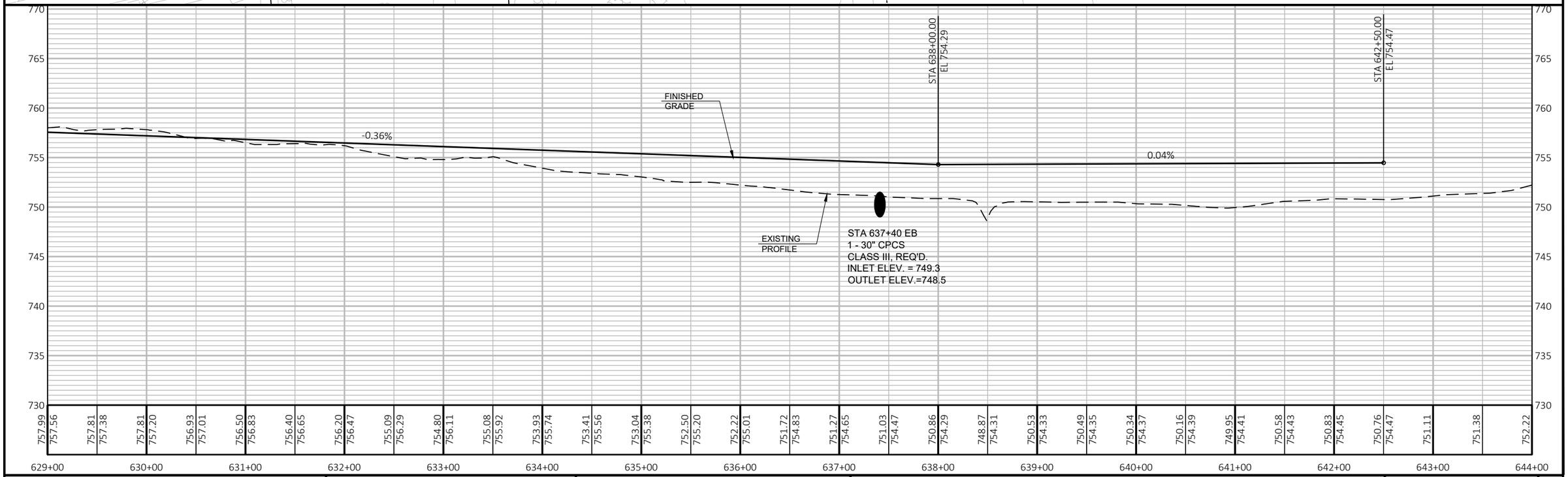
PRE_579

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050106-PPEEB.DWG
LAYOUT NAME - 050113 pp

PLOT DATE : 1/22/2020 9:29 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





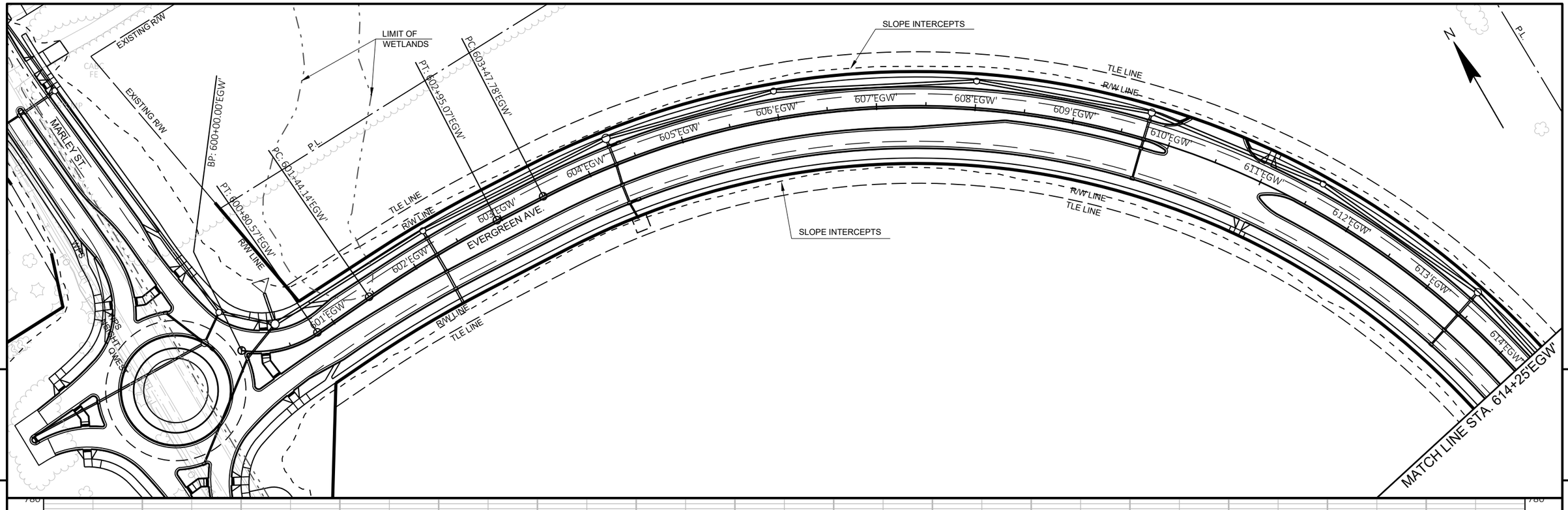
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. EASTBOUND	SHEET E

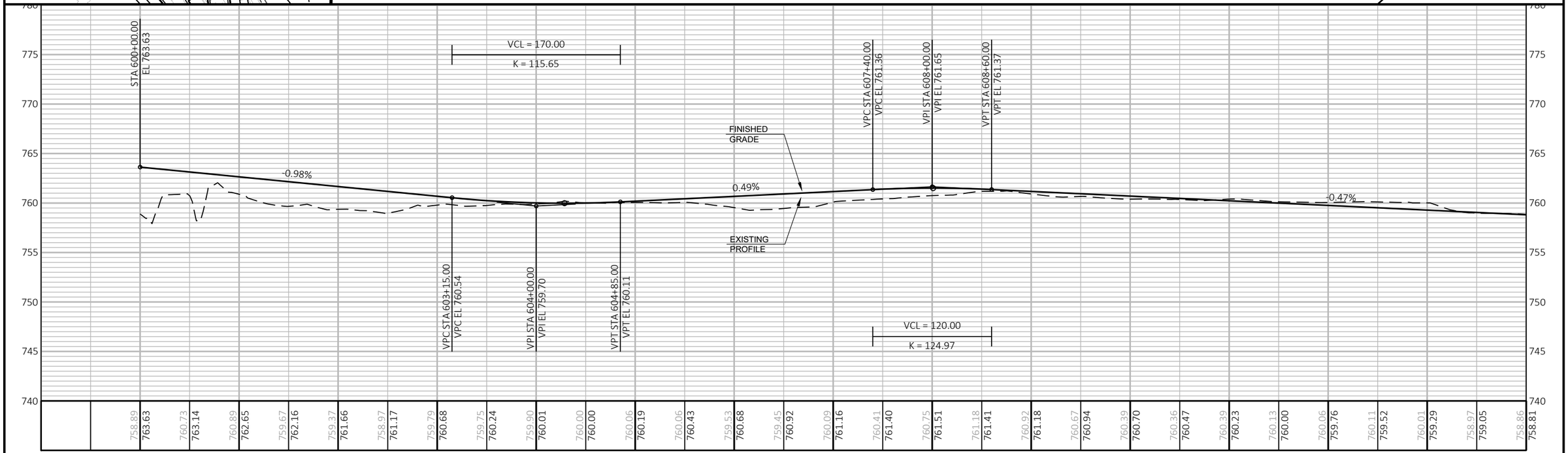
PRE_580

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050106-PPEEB.DWG
LAYOUT NAME - 050114 pp

PLOT DATE : 1/22/2020 9:30 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. WESTBOUND	SHEET E

PRE_581

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050107-PPEWB.DWG
LAYOUT NAME - 050115 pp

PLOT DATE : 1/22/2020 9:31 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE STA. 614+25'EGW'

MATCH LINE STA. 629+00'EGW'

PT: 614+39.36'EGW'

PT: 626+21.31'EGW'

PC 618+45.52'EGW'

P.I.

TLE LINE

R/W LINE

615'EGW'

616'EGW'

617'EGW'

618'EGW'

619'EGW'

620'EGW'

621'EGW'

622'EGW'

623'EGW'

624'EGW'

625'EGW'

626'EGW'

627'EGW'

628'EGW'

629'EGW'

EVERGREEN AVE.

SLOPE INTERCEPTS

SLOPE INTERCEPTS

ATC

OH

CONNECTION RD.

701'CL

WELL

SEPTIC

CABC

FE

N

5

5

780
775
770
765
760
755
750
745
740

VCL = 120.00
K = 119.74

VCL = 120.00
K = 98.82

VCL = 130.00
K = 104.53

VCL = 120.00
K = 138.71

LOW POINT STA 616+21.61
LOW POINT EL 757.90

VPC STA 619+85.00
VPC EL 759.66

VPI STA 620+50.00
VPI EL 760.00

VPT STA 621+15.00
VPT EL 759.54

LOW POINT STA 624+10.59
LOW POINT EL 757.68

VPC STA 625+40.00
VPC EL 758.20

VPI STA 626+00.00
VPI EL 758.50

VPT STA 626+60.00
VPT EL 758.28

FINISHED GRADE

EXISTING PROFILE

0.53%

-0.71%

0.50%

VPC STA 615+65.00
VPC EL 758.03

VPI STA 616+25.00
VPI EL 757.75

VPT STA 616+85.00
VPT EL 758.07

HIGH POINT STA 620+40.34
HIGH POINT EL 759.80

VPC STA 623+40.00
VPC EL 757.93

VPI STA 624+00.00
VPI EL 757.50

VPT STA 624+60.00
VPT EL 757.80

HIGH POINT STA 626+09.35
HIGH POINT EL 758.37

758.86 758.81 758.66 758.58 758.31 758.34 758.19 758.10 758.27 757.92 758.40 757.93 758.09 758.15 758.12 758.41 758.19 758.68 758.11 758.94 758.54 759.21 758.82 759.47 758.56 759.72 758.49 759.80 759.09 759.63 759.13 759.29 758.41 758.93 758.00 758.57 758.72 758.21 758.51 757.86 758.46 757.68 758.22 757.76 757.89 758.00 758.02 758.25 758.09 758.37 758.10 758.31 758.31 758.13 758.38 757.95 758.48 757.77 757.93 757.59 757.94 757.40

614+00 615+00 616+00 617+00 618+00 619+00 620+00 621+00 622+00 623+00 624+00 625+00 626+00 627+00 628+00 629+00

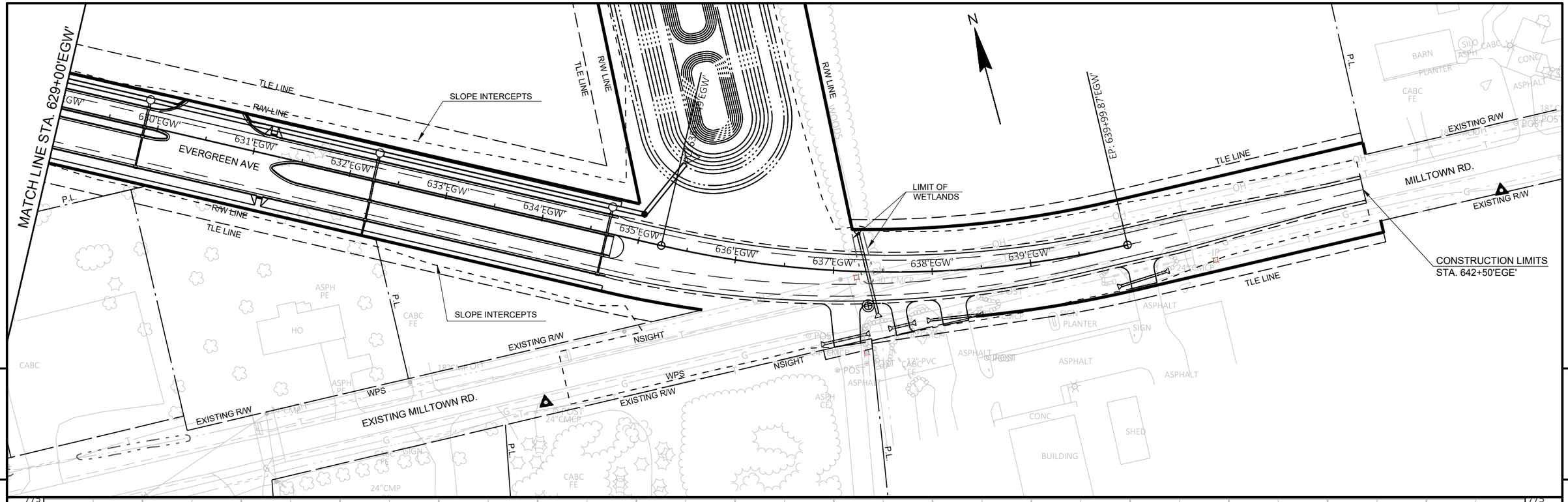
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. WESTBOUND	SHEET E

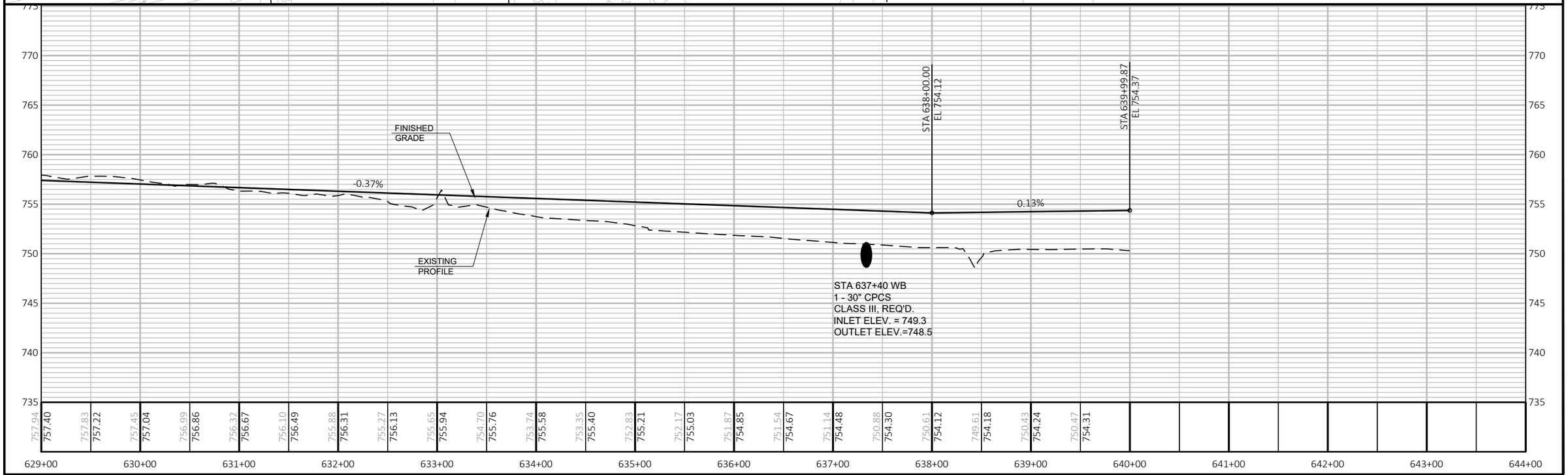
PRE_582

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050107-PPEWB.DWG
LAYOUT NAME - 050116 pp

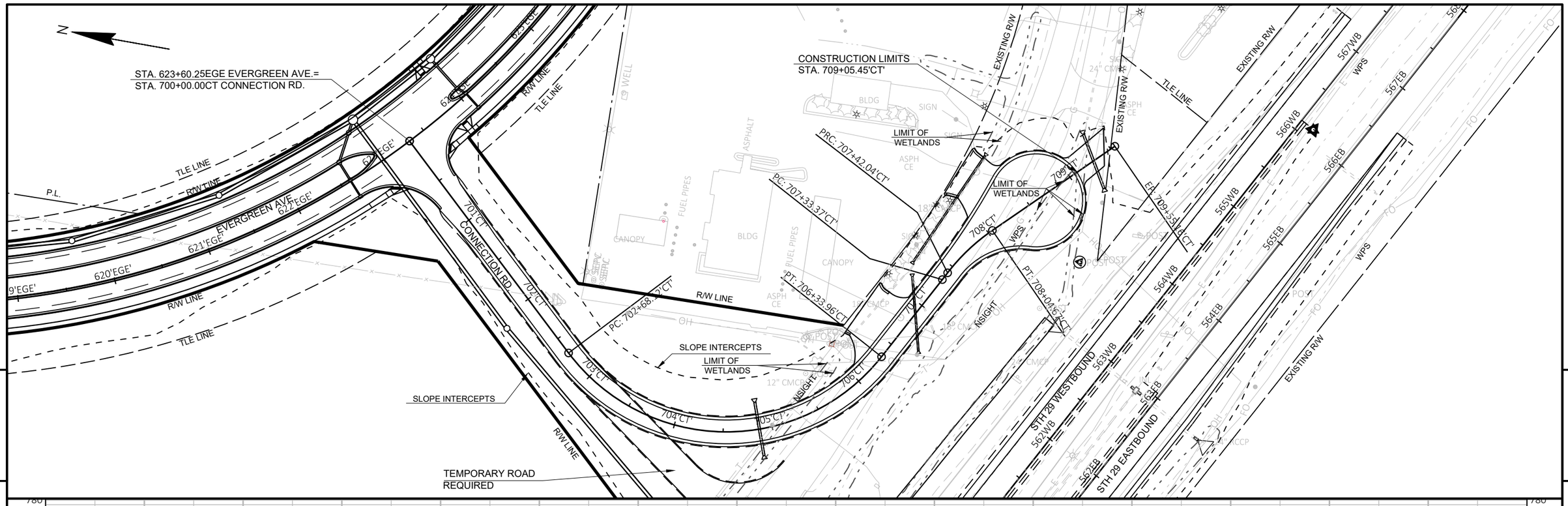
PLOT DATE : 1/22/2020 9:32 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: EVERGREEN AVE. WESTBOUND	SHEET E



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CONNECTION RD.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050108-PPCN.DWG
LAYOUT NAME - 050118 pp

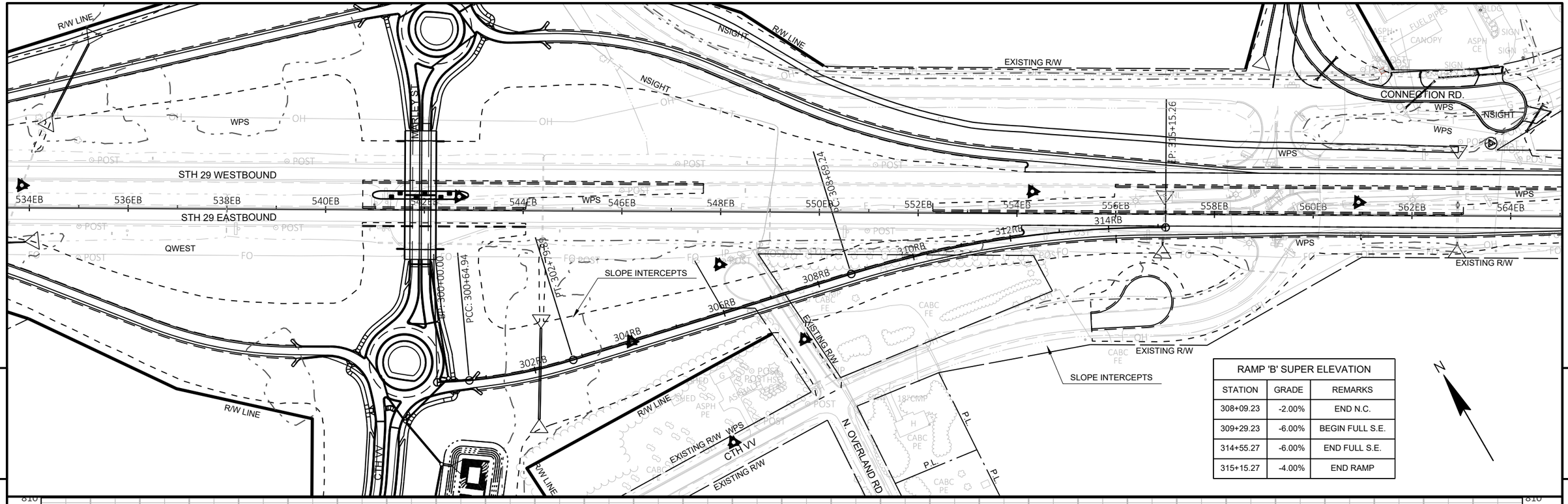
PLOT DATE : 1/22/2020 9:34 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_584

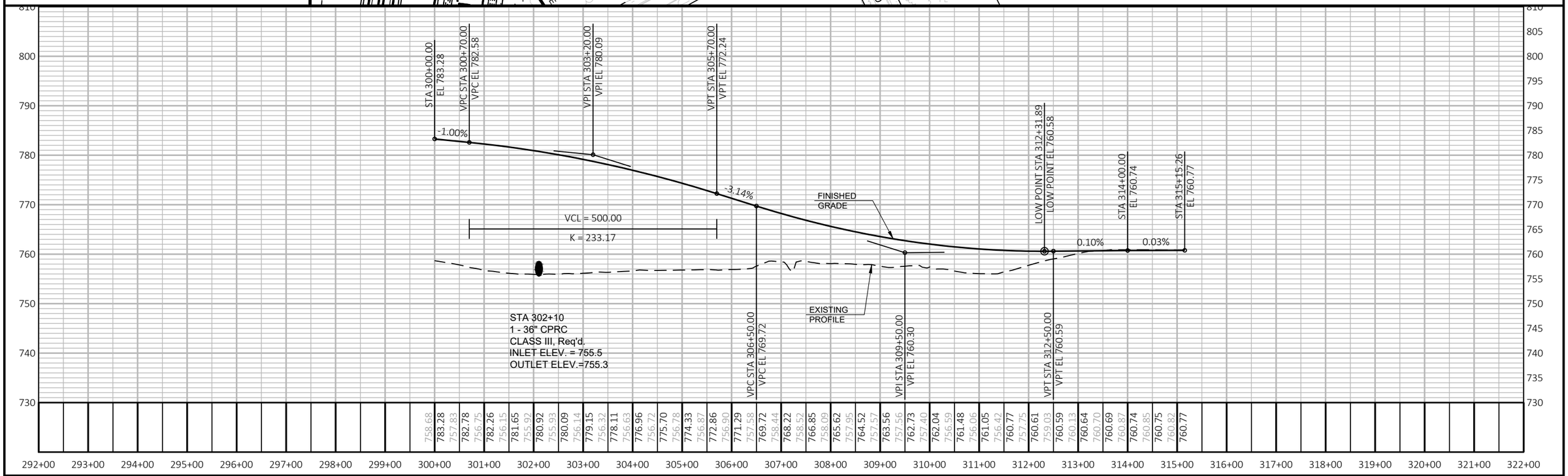
WISDOT/CADDS SHEET 44

RAMP 'A' SUPER ELEVATION		
STATION	GRADE	REMARKS
201+88.40	-2.00%	BEGIN RAMP
205+22.49	-2.00%	END N.C.
206+29.16	6.00%	BEGIN FULL S.E.
209+09.03	6.00%	END FULL S.E.
210+15.70	-2.00%	BEGIN N.C.
211+37.12	-2.00%	END N.C.
212+25.12	2.00%	BEGIN FULL S.E.
214+89.55	2.00%	END FULL S.E.
215+77.55	-2.00%	BEGIN N.C.

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: RAMP 'A'	SHEET E



RAMP 'B' SUPER ELEVATION		
STATION	GRADE	REMARKS
308+09.23	-2.00%	END N.C.
309+29.23	-6.00%	BEGIN FULL S.E.
314+55.27	-6.00%	END FULL S.E.
315+15.27	-4.00%	END RAMP



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: RAMP 'B'	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050109-PPRB.DWG
LAYOUT NAME - 050120 pp

PLOT DATE : 1/22/2020 9:36 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

PRE_586

RAMP 'C' SUPER ELEVATION		
STATION	GRADE	REMARKS
400+77.36	-2.00%	END N.C.
401+65.36	2.00%	BEGIN FULL S.E.
405+12.36	2.00%	END FULL S.E.
406+19.02	-2.00%	N.C.
407+25.69	-6.00%	BEGIN FULL S.E.
410+51.36	-6.00%	END FULL S.E.
411+58.03	-2.00%	BEGIN N.C.

N

FUTURE SNOWMOBILE REQ'D.

LIMIT OF WETLANDS

R/W LINE

MARLEY ST

EXISTING R/W

18"CMP

ABC FE

CABC FE

PT: 400+78.97'RC'

BP: 400+00.00'RC'

PC: 401+50.70'RC'

PT: 404+94.01'RC'

PC: 406+72.36'RC'

PT: 411+04.69'RC'

EP: 414+47.50'RC'

NSIGHT

SLOPE INTERCEPTS

WPS

STH 29 WESTBOUND

STH 29 EASTBOUND

534'WB' 536'WB' 538'WB' 540'WB' 542'WB' 544'WB' 546'WB' 548'WB' 550'WB' 552'WB' 554'WB' 556'WB' 558'WB' 560'WB' 562'WB' 564'WB'

QWEST

POST

IP

SIGN

WELL

CANOPY

FUEL PIPES

ASPHALT

BLDG

SEPTIC

5

5

820 810 800 790 780 770 760 750 740

STA 400+00.00 EL 783.65

VPC STA 400+60.00 VPC EL 783.05

VPI STA 403+10.00 VPI EL 780.55

VPT STA 405+60.00 VPT EL 773.18

VCL = 420.00

K = 140.26

FINISHED GRADE

1.00%

-2.95%

0.05%

LOW POINT STA 411+93.57 LOW POINT EL 760.59

STA 414+48.03 EL 760.71

VCL = 500.00

K = 256.60

EXISTING PROFILE

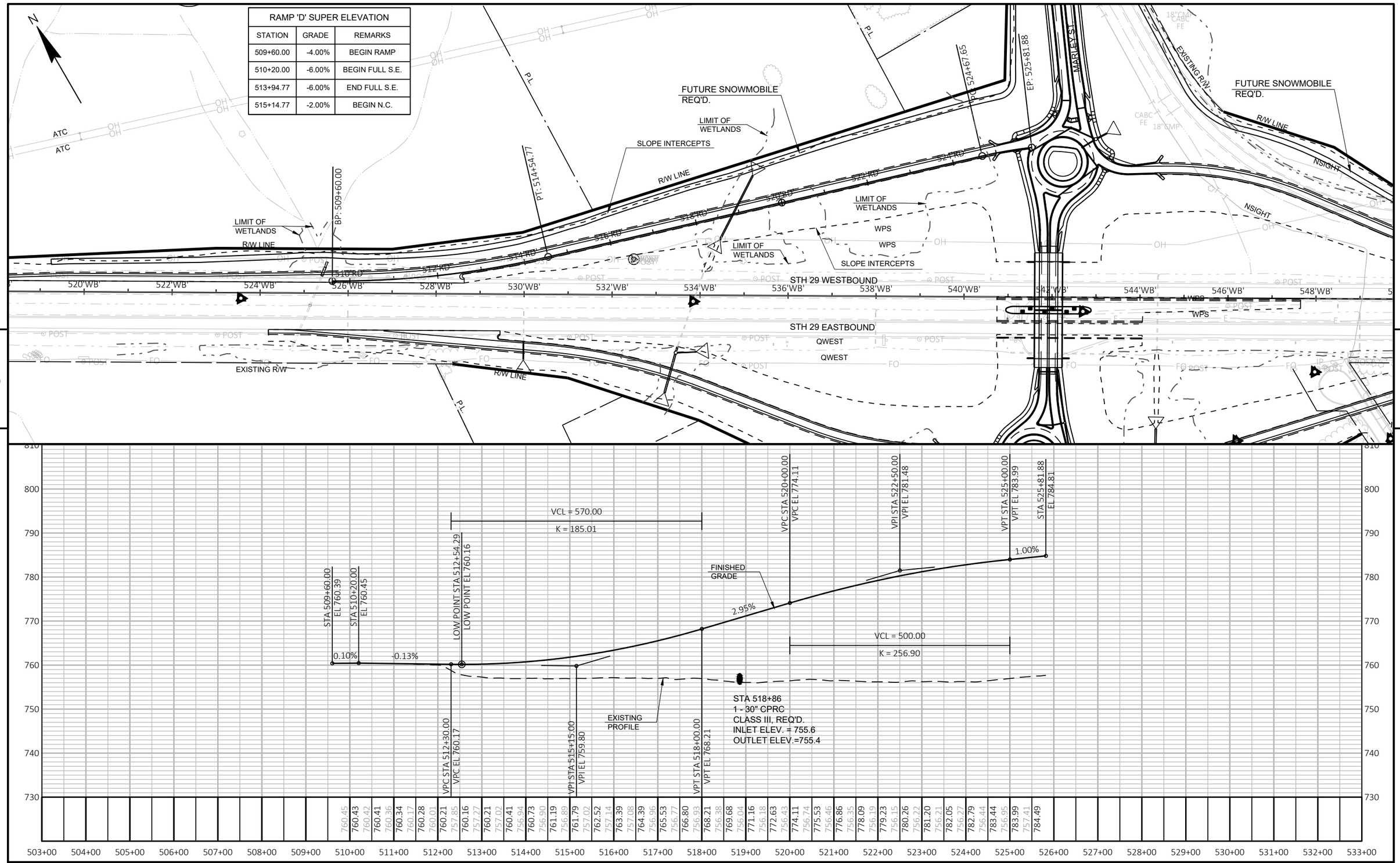
VPC STA 407+80.00 VPC EL 766.69

VPI STA 409+90.00 VPI EL 760.50

VPT STA 412+00.00 VPT EL 760.60

| | | |

RAMP 'D' SUPER ELEVATION		
STATION	GRADE	REMARKS
509+60.00	-4.00%	BEGIN RAMP
510+20.00	-6.00%	BEGIN FULL S.E.
513+94.77	-6.00%	END FULL S.E.
515+14.77	-2.00%	BEGIN N.C.



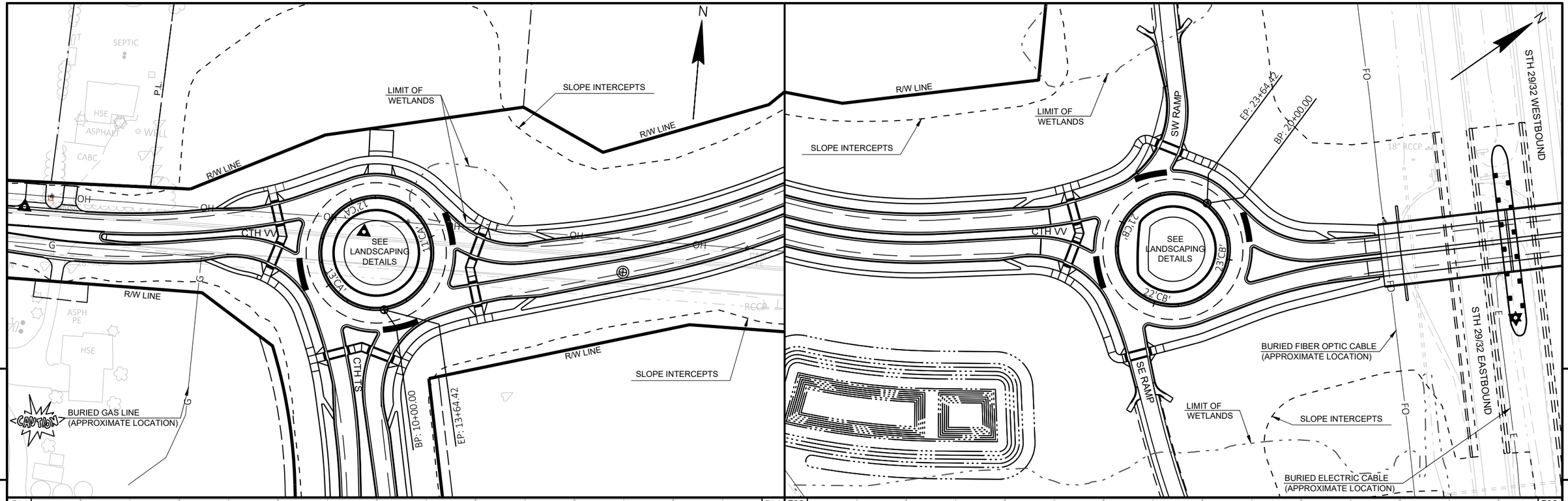
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: RAMP 'D'	SHEET E

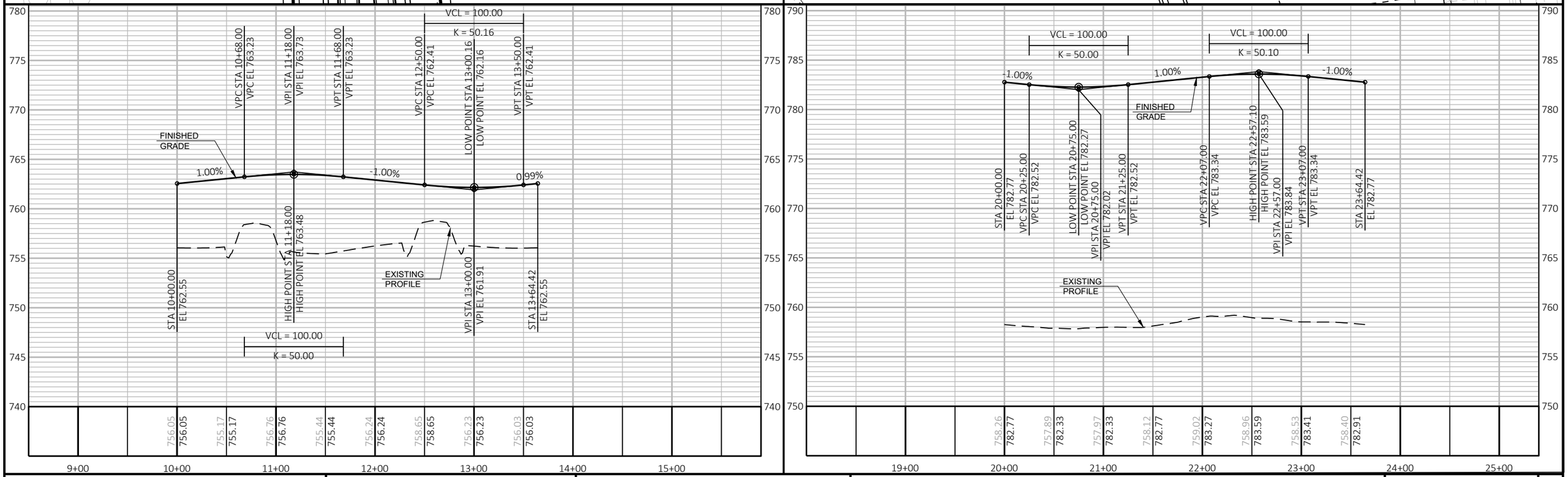
PRE_588

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050111-PPRD.DWG
LAYOUT NAME - 050122 pp

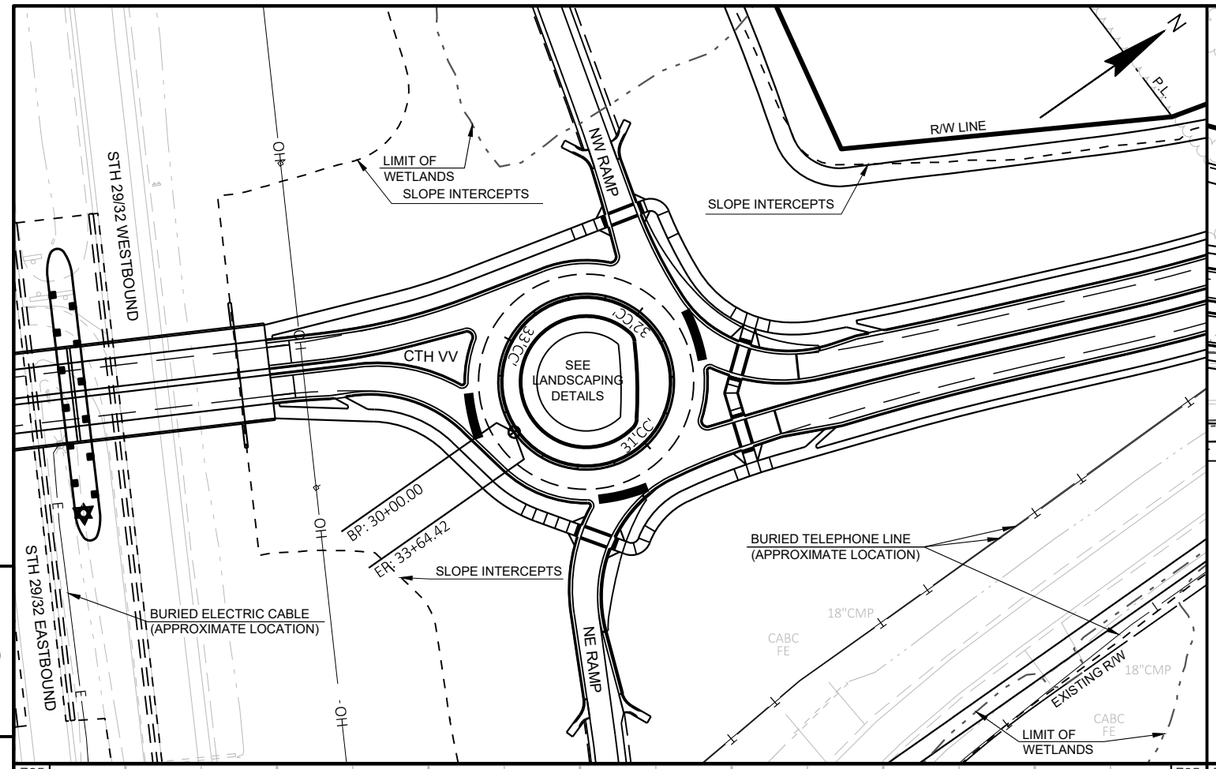
PLOT DATE : 1/22/2020 9:39 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

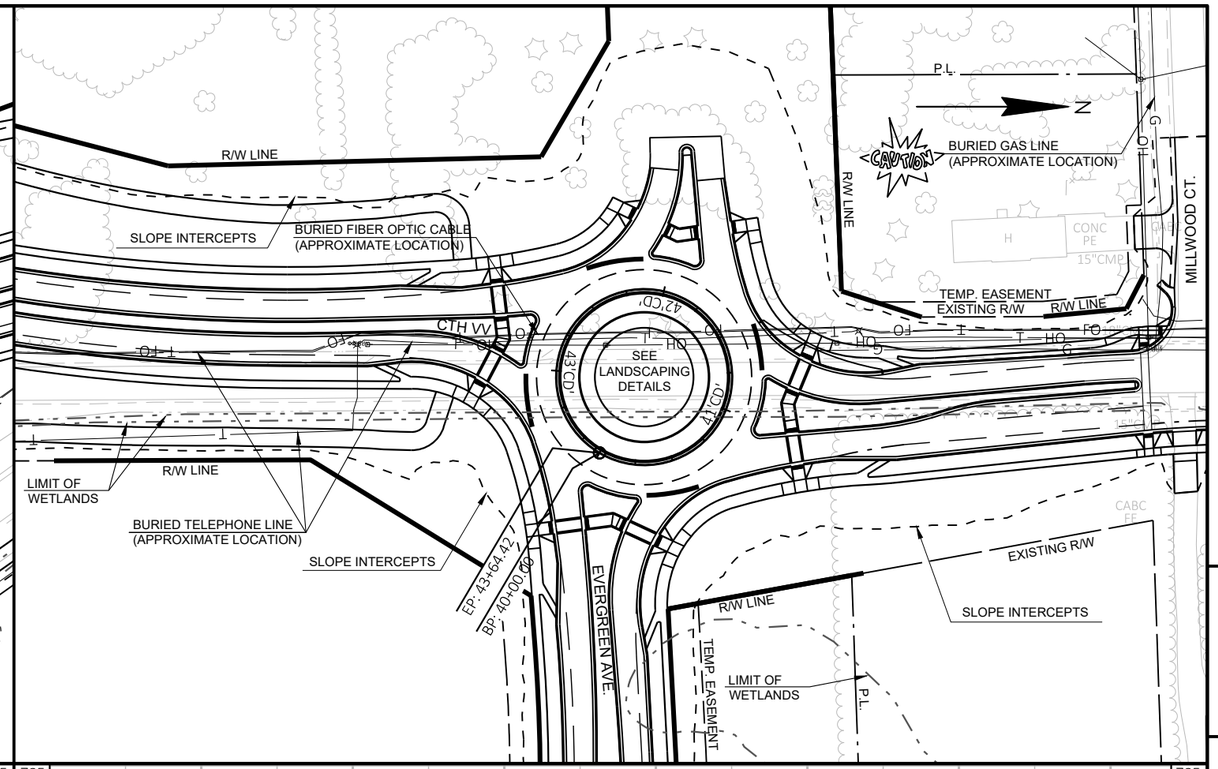
WISDOT/CADDS SHEET 44

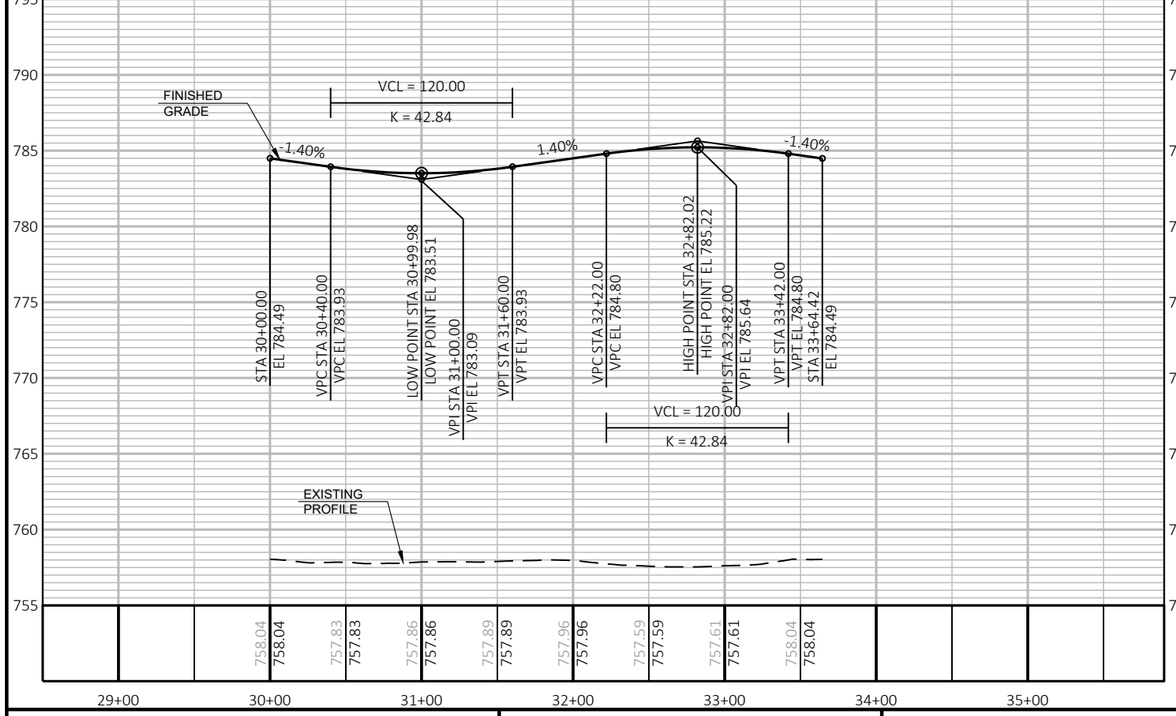


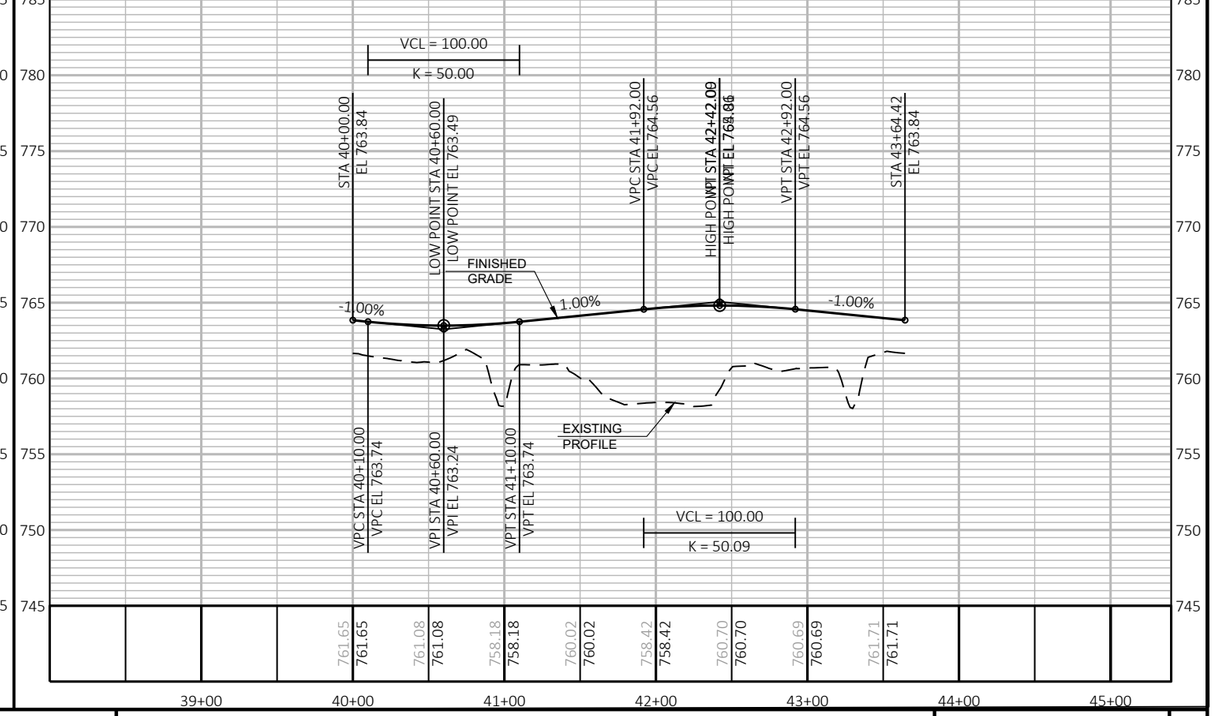


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: CTH TS AND SOUTH RAMPS ROUNDABOUT	SHEET E









PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	PLAN AND PROFILE: NORTH RAMPS AND EVERGREEN AVE. ROUNDABOUTS	SHEET PRE_590 E

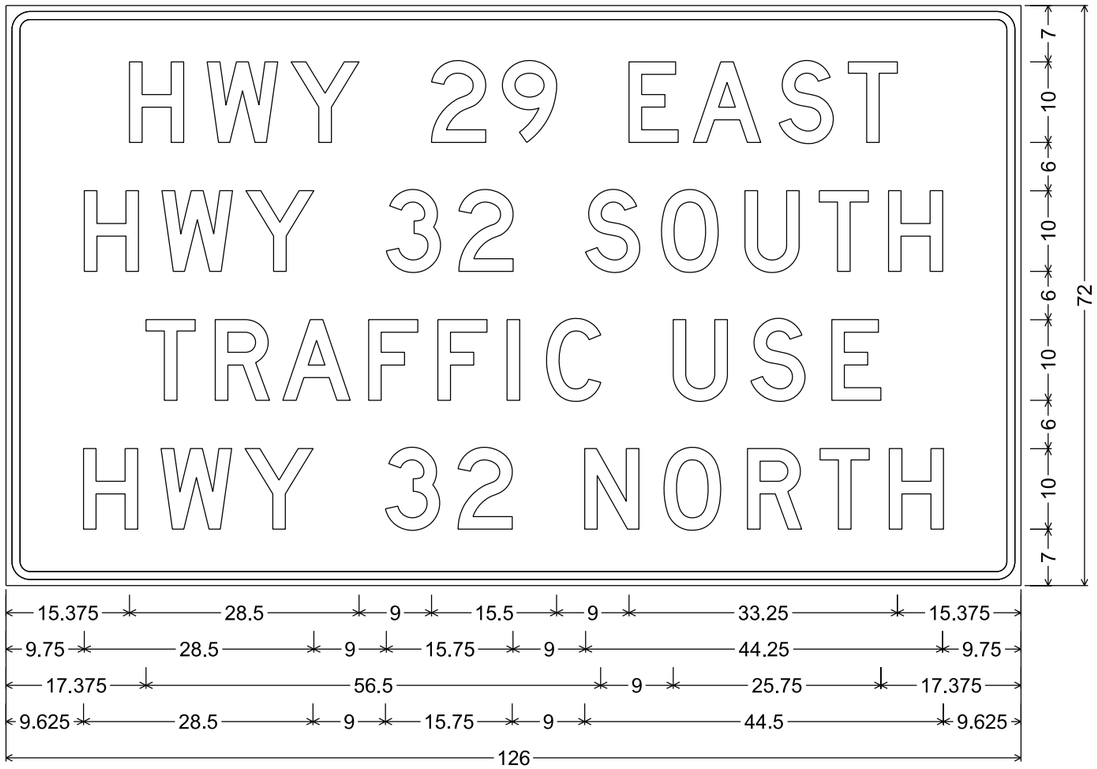
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\050112-PP.DWG
LAYOUT NAME - 050124 pp

PLOT DATE : 1/22/2020 9:41 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NOTES

1. Fixed Message Type II Signs - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



3.000" Radius, 1.000" Border, 0.750" Indent

7

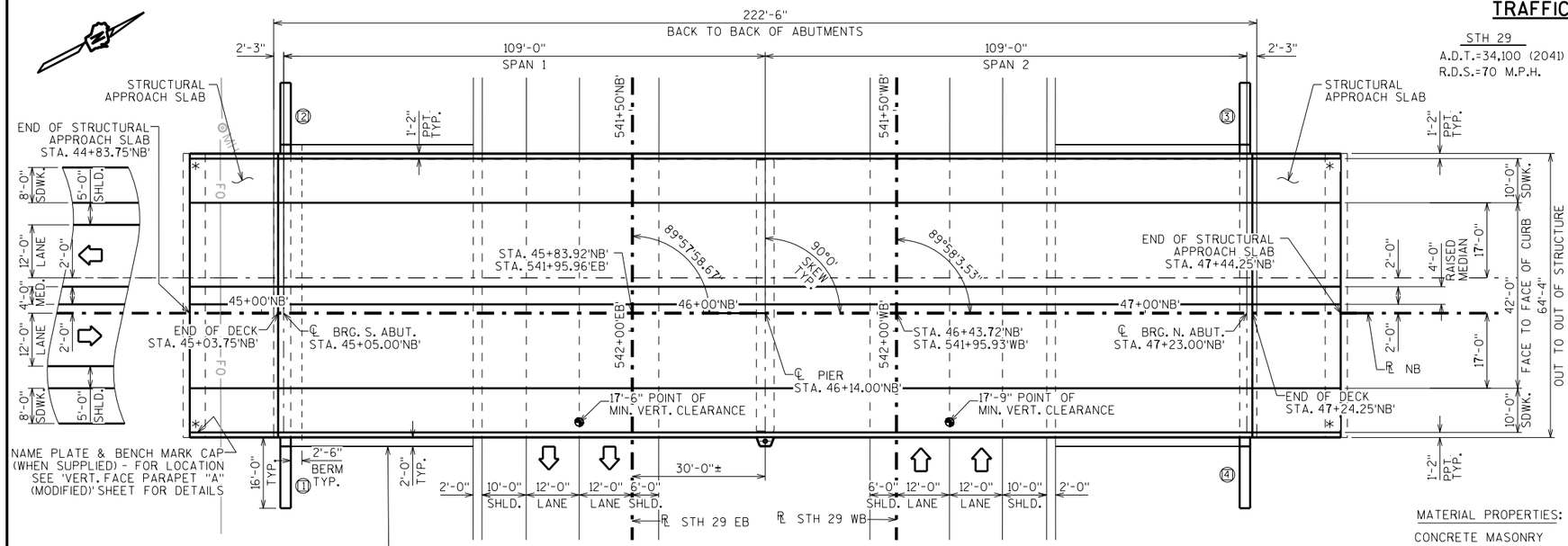
7

PROJECT NO: 9200-10-71	HWY: STH 29/32	COUNTY: BROWN	TEMPORARY SIGNING	SHEET NO	E

PRE_591

STATE PROJECT NUMBER

9200-10-71

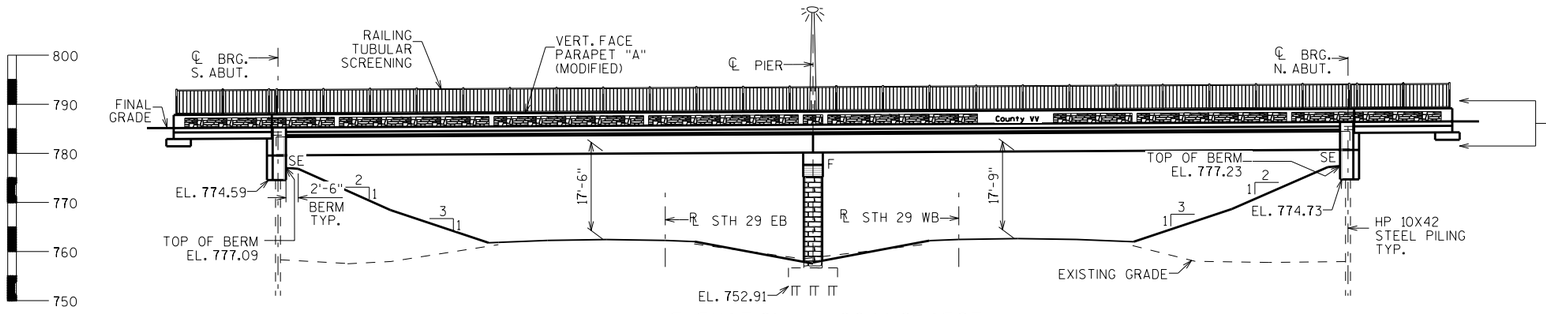


PLAN

2 SPAN - 45W" PRESTRESSED GIRDERS

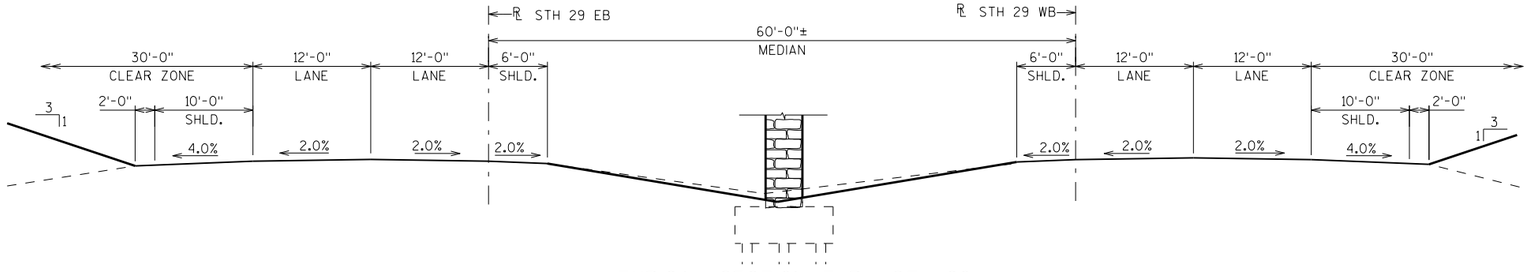
✳ PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

(2) INDICATES WING NUMBER



ELEVATION - LOOKING WEST

NORMAL TO STH 29



TYPICAL SECTION THRU STH 29

LOOKING WEST

TRAFFIC VOLUME

STH 29
A.D.T.=34,100 (2041)
R.D.S.=70 M.P.H.

CTH VV
A.D.T.=9,200 (2041)
R.D.S.=40 M.P.H.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON HP 10X42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 180 TONS ✳✳PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
S. ABUT. ESTIMATED 70'-0" LONG.
N. ABUT. ESTIMATED 70'-0" LONG.

PIER TO BE SUPPORTED ON HP 10X42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 180 TONS ✳✳PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED 75'-0" LONG.

✳✳ THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

DESIGN DATA

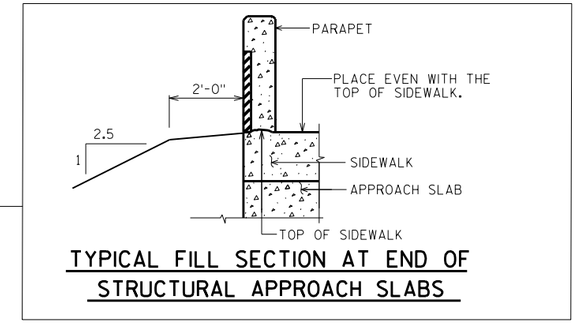
LIVE LOAD:

DESIGN LOADING; HL-93
INVENTORY RATING FACTOR: RF=1.15
OPERATING RATING FACTOR: RF=1.53
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 215 (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY SLAB — f'c = 4,000 P.S.I. ALL OTHER — f'c = 3,500 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.
45W-INCH PRESTRESSED GIRDERS, CONCRETE MASONRY — f'c = 8,000 P.S.I.
STRANDS- 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.



TYPICAL FILL SECTION AT END OF STRUCTURAL APPROACH SLABS

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. SOUTH ABUTMENT
5. SOUTH ABUTMENT DETAILS
6. NORTH ABUTMENT
7. NORTH ABUTMENT DETAILS
8. PIER
9. 45W" PRESTRESSED GIRDER DETAILS 1
10. 45W" PRESTRESSED GIRDER DETAILS 2
11. STEEL DIAPHRAGM
12. SUPERSTRUCTURE
13. SUPERSTRUCTURE DETAILS 1
14. SUPERSTRUCTURE DETAILS 2
15. CONDUIT DETAILS
16. VERT. FACE PARAPET "A" (MODIFIED)
17. RAILING TUBULAR SCREENING
18. SLOPE PAVING (CRUSHED AGGREGATE)
19. FENCING DETAILS
20. AESTHETICS
21. STRUCTURAL APPROACH SLAB
22. ALTERNATE CONSTRUCTION JOINT

STRUCTURE DESIGN CONTACTS:
STEVEN DOOCY (608) 261-6063
AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY

WISCONSIN DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURES

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-5-416

CTH VV ('NB') OVER STH 29

COUNTY	VILLAGE
BROWN	HOBART

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
SAD	JJS	SAD	MJK

GENERAL PLAN

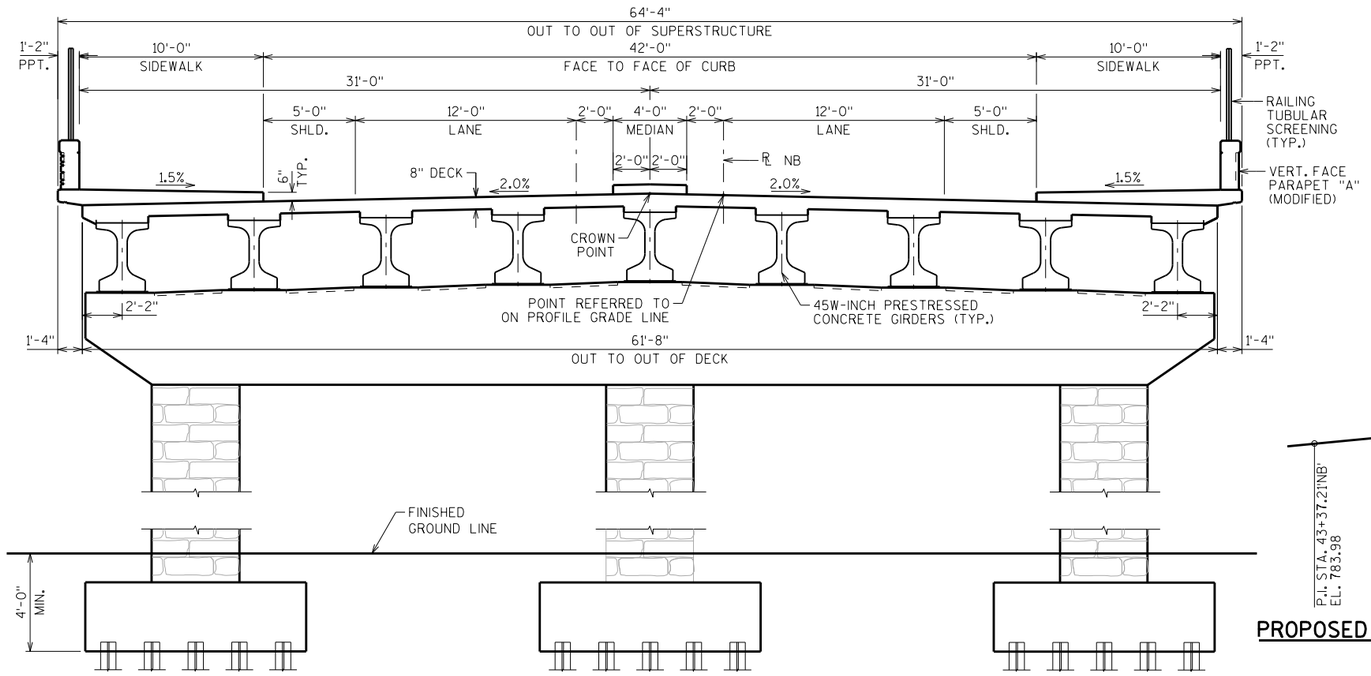
SHEET 1 OF 22

PRE_592

I.D. 9200-06-00B

DATE: JAN. 2020

SCALE = 15.00



CROSS SECTION THRU ROADWAY

NORMAL TO ℄ OF ROADWAY LOOKING NORTH

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	SOUTH APPROACH	SOUTH ABUTMENT	PIER	NORTH ABUTMENT	NORTH APPROACH	TOTALS
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-5-416	LS	———	———	———	———	———	———	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	———	———	261	———	329	———	590
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	———	204	———	———	———	204	408
502.0100	CONCRETE MASONRY BRIDGES	CY	667	99	72	149	82	99	1,168
502.3200	PROTECTIVE SURFACE TREATMENT	SY	1,559	142	———	———	———	142	1,843
502.3210	PIGMENTED SURFACE SEALER	SY	183	17	———	———	———	17	217
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	1,969	———	———	———	———	———	1,969
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	0	0	3,890	3,300	4,230	0	11,420
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	128,920	15,760	1,760	17,920	1,930	15,760	182,050
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	2,210	———	———	———	———	———	2,210
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	36	———	———	———	———	———	36
506.4000	STEEL DIAPHRAGMS B-5-416	EACH	32	———	———	———	———	———	32
513.4091	RAILING TUBULAR SCREENING B-5-416	LF	441	40	———	———	———	40	521
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	———	———	16	———	16	--	32
517.1010.S	CONCRETE STAINING B-5-416	SF	5,014	27	82	837	83	27	6,070
517.1015.S	CONCRETE STAINING MULTI-COLOR B-5-416	SF	931	80	379	944	379	80	2,793
517.1050.S	ARCHITECTURAL SURFACE TREATMENT B-5-416	SF	931	80	379	944	379	80	2,793
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF	———	———	910	3,375	980	———	5,265
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY	———	———	336	———	342	———	678
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	———	———	119	———	119	———	238
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4	———	———	———	———	———	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	———	———	62	———	62	———	124
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	8	3	———	———	———	3	14
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	212	18	———	———	———	18	248
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	1	———	———	———	———	———	1
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	1	———	———	———	———	———	1
SPV.0090	FENCE CHAIN LINK POLYMER COATED 6-FT	LF	———	———	32	———	32	———	64
	NON-BID ITEMS								
	FILLER	SIZE	———	———	———	———	———	———	½", ¾", & 1½"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK, SIDEWALK, AND MEDIAN SURFACES.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE ENTIRE THE FRONT FACE AND THE TOP OF THE PARAPET.

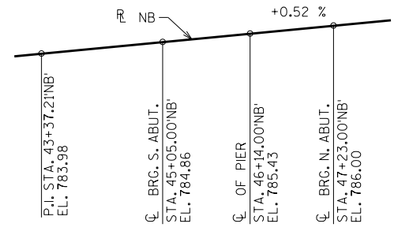
THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

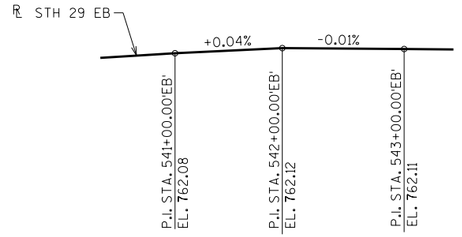
THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

STATE PROJECT NUMBER

9200-10-71

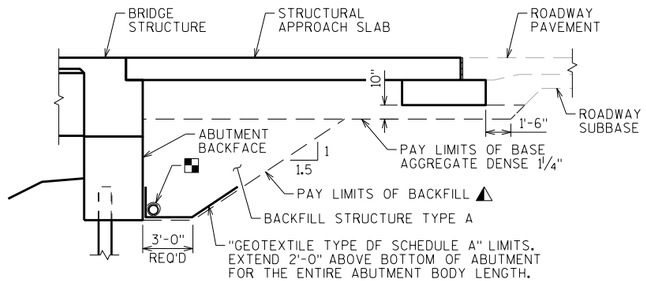


PROPOSED PROFILE GRADE LINE NB



EXISTING PROFILE GRADE LINE STH 29 EB

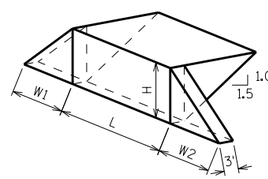
FOR INFORMATION ONLY



TYPICAL SECTION THRU ABUTMENT

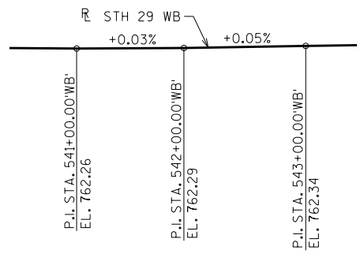
⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

▪ PIPE UNDERDRAIN WRAPPED (6 INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.



ABUTMENT BACKFILL DIAGRAM FOR WINGS PARALLEL TO ABUTMENT

L = OUT TO OUT OF ABUTMENT BODY (FT)
H = AVERAGE ABUTMENT FILL HEIGHT (FT)
W1 = WING 1 LENGTH (FT)
W2 = WING 2 LENGTH (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H) + (3.0')(0.5)(W1+W2)(H)
V_{CY} = V_{CF} (EF)/27
V_{TON} = V_{CY} (2.0)



EXISTING PROFILE GRADE LINE STH 29 WB

FOR INFORMATION ONLY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. MJK

CROSS SECTION & QUANTITIES

SHEET 2

PRE_593

8

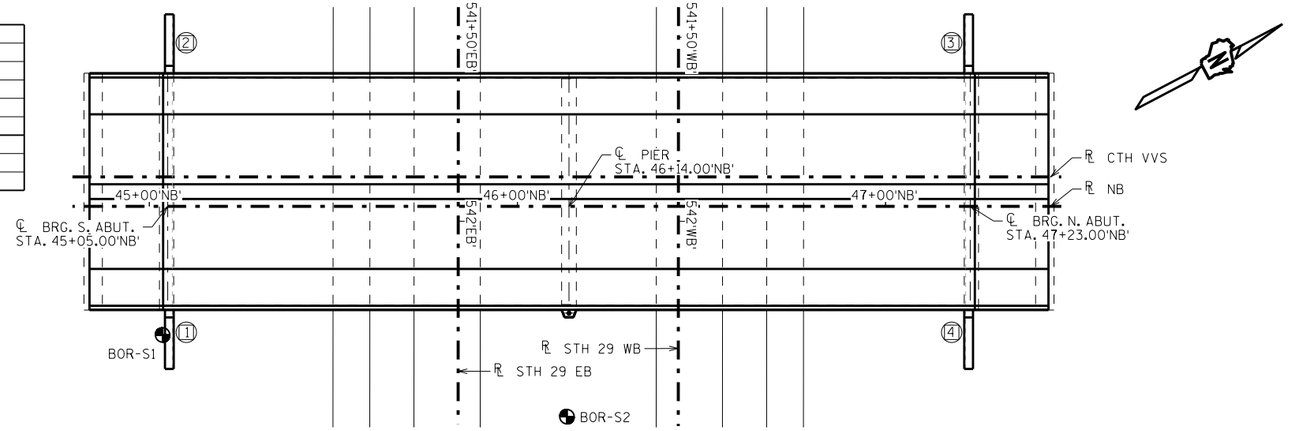
8

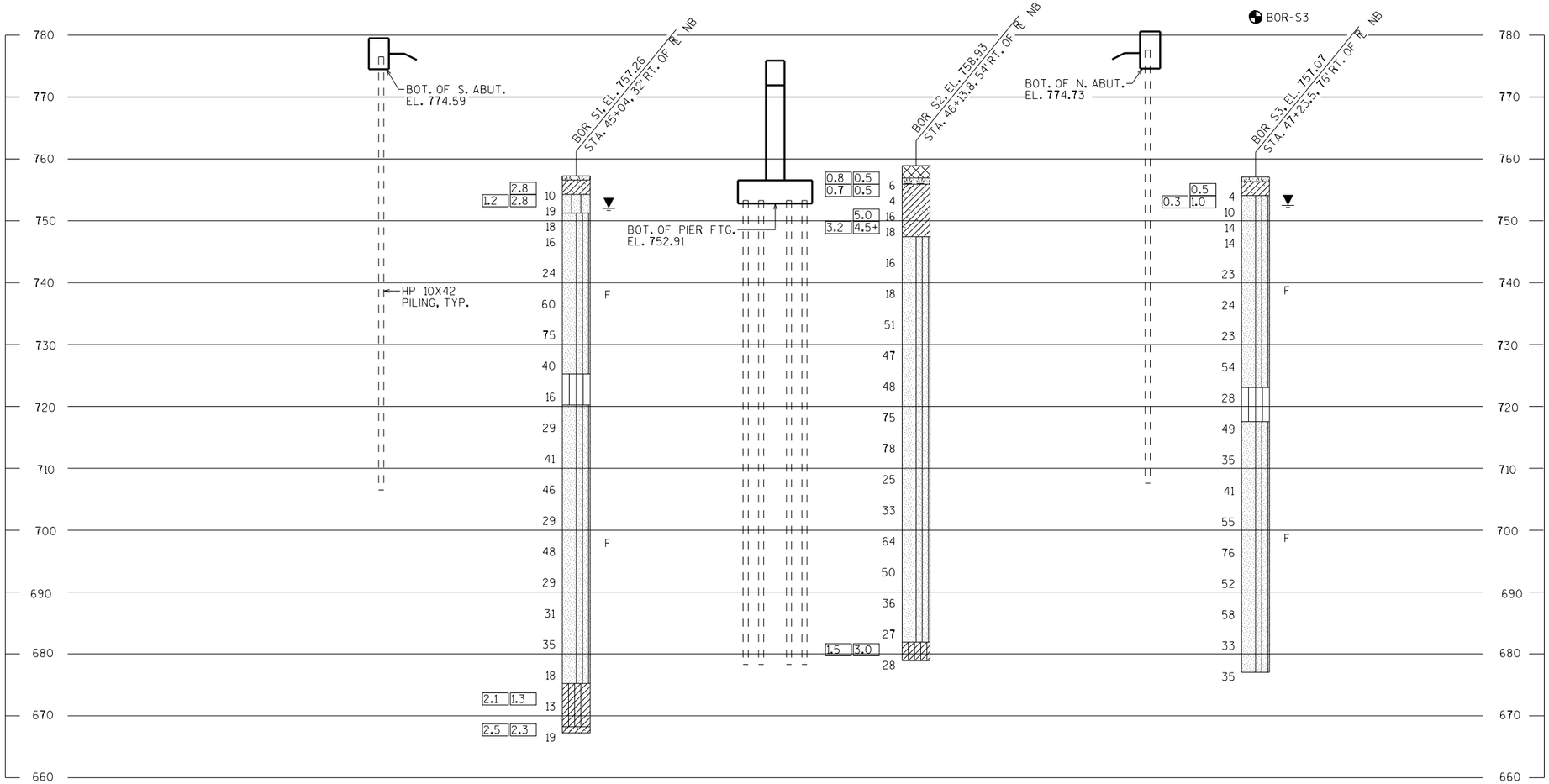
SCALE = 4.0

SHAWANO - GREEN BAY
CTH VV OVER STH 29

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
S1	6/14/2011	589793.8	58837.5
S2	6/9/2011	589880	58909.1
S3	6/13/2011	589966.1	58980.6
BORINGS COMPLETED BY: SOILS & ENGINEERING SERVICES			
REPORT COMPLETED BY: SOILS & ENGINEERING SERVICES			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) BROWN COUNTY			

(2) INDICATES WING NUMBER





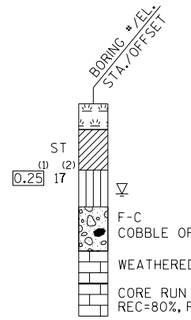
STATE PROJECT NUMBER

9200-10-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY PR/SAD | PLANS CK'D. MJK

SUBSURFACE EXPLORATION

SHEET 3

PRE_594

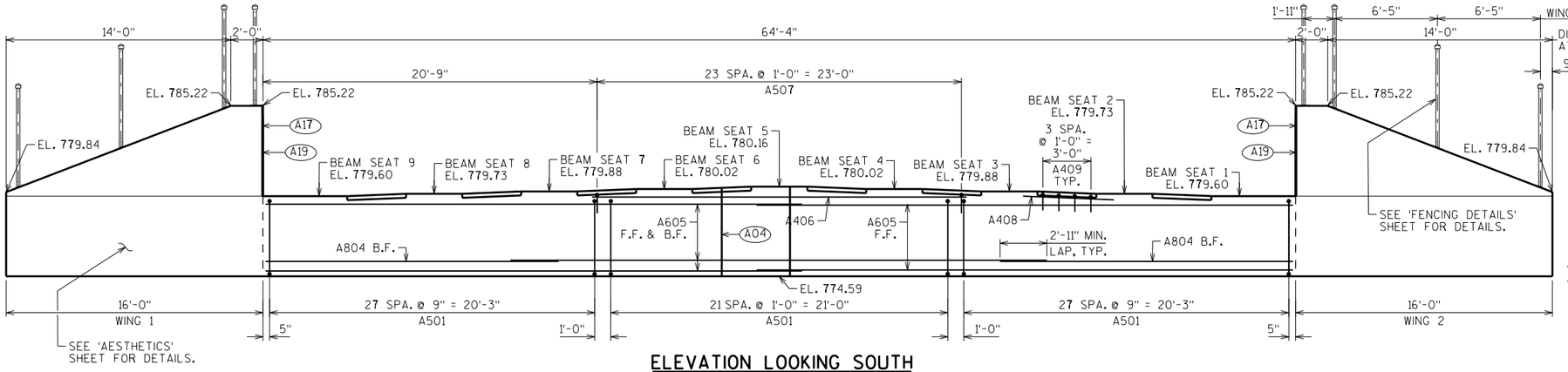
SCALE = 20.0

8

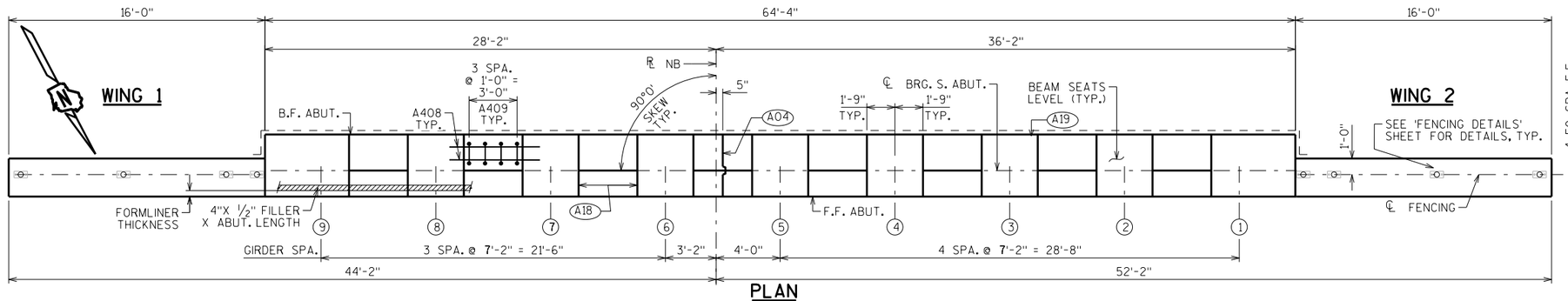
8

STATE PROJECT NUMBER

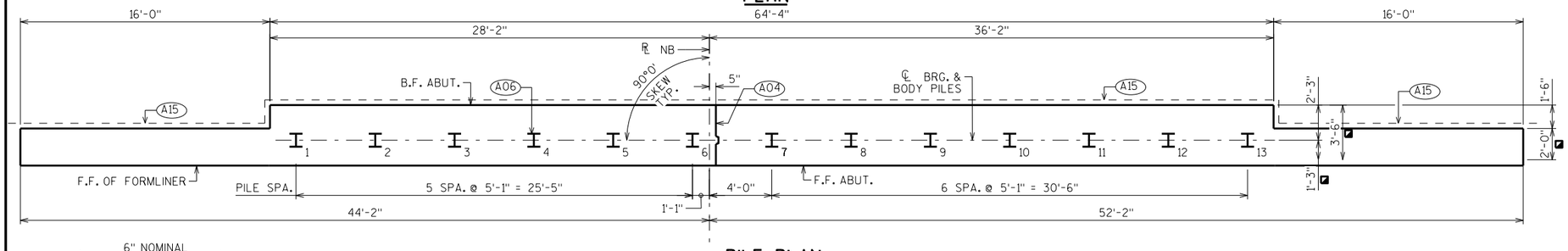
9200-10-71



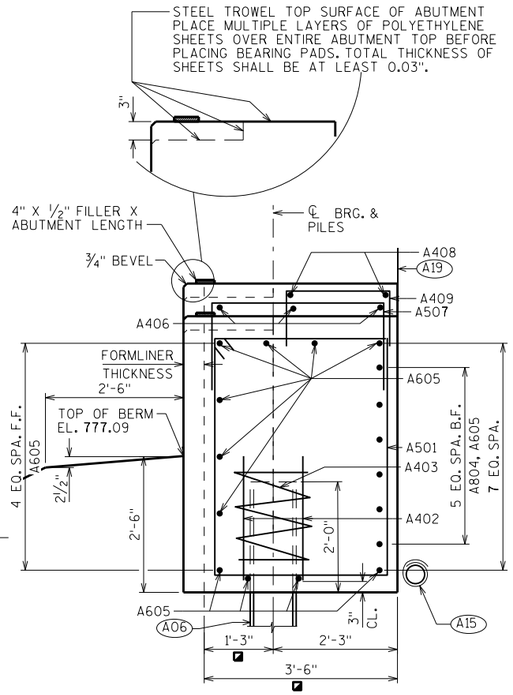
ELEVATION LOOKING SOUTH



PLAN

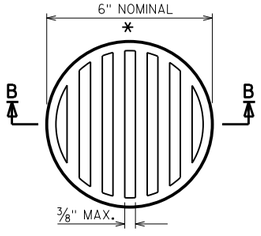


PILE PLAN

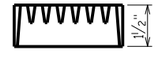


SECTION THRU BODY

▣ DIMENSION DOES NOT INCLUDE FORMLINER THICKNESS. FOR FORMLINER DETAILS SEE "AESTHETICS" SHEET.



RODENT SHIELD DETAIL

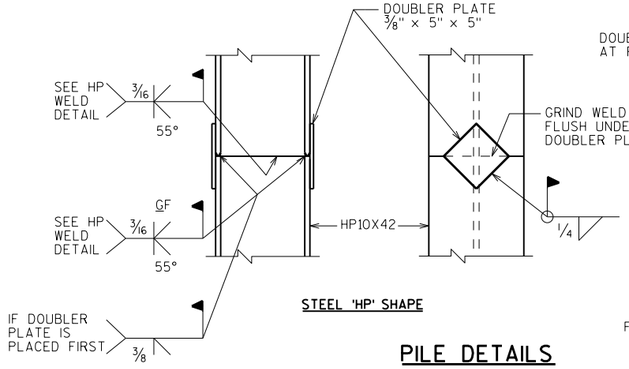


SECTION B-B

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.



STEEL 'HP' SHAPE

HP WELD DETAIL
FLANGE SHOWN, WEB SIMILAR

PILE DETAILS

(A04) VERT. CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2 x 8. 3/4" "V" GROOVE @ THE FRONT FACE AND 18" R.M.W. @ BACKFACE. FOR ALTERNATIVE DETAILS SEE "ALTERNATE CONSTRUCTION JOINT" SHEET.

(A06) SUPPORT ABUTMENT ON HP 10 x 42 STEEL PILING, ESTIMATED 70'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 180 TONS PER PILE.

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A18) 3/4" CORK FILLER UP VERT. BEAM SEAT FACES THAT RUN PARALLEL WITH GIRDER.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY: SAD | PLANS CK'D.: JJS

SOUTH ABUTMENT

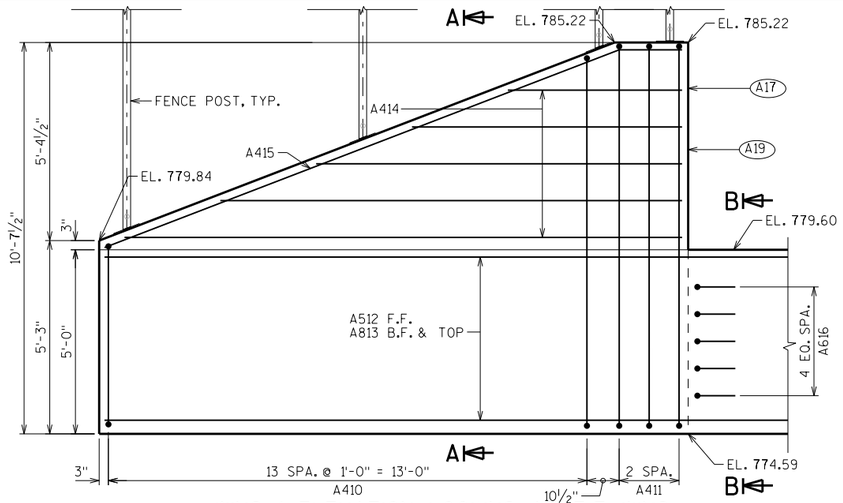
SHEET 4

PRE_595

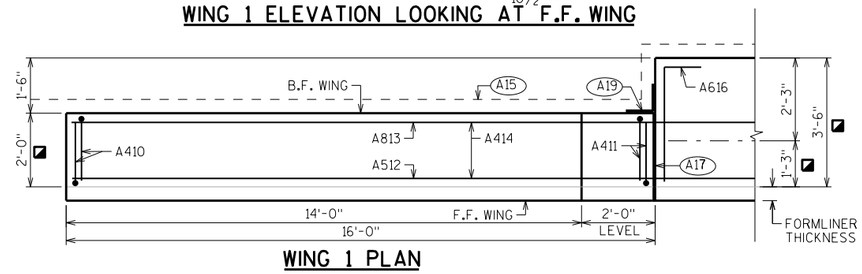
SCALE = 4.0

STATE PROJECT NUMBER

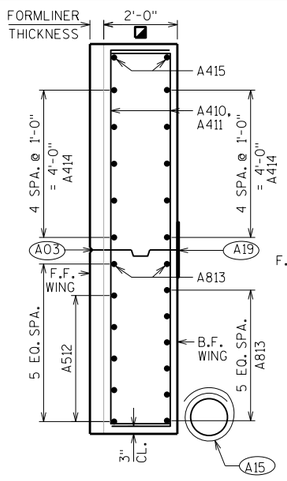
9200-10-71



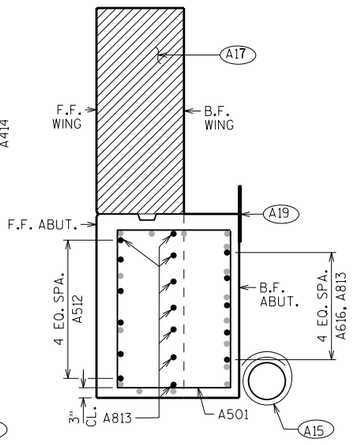
WING 1 ELEVATION LOOKING AT F.F. WING



WING 1 PLAN



WING 1 SECTION A-A
THRU WING BODY



WING 1 SECTION B-B
THRU END OF ABUTMENT

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

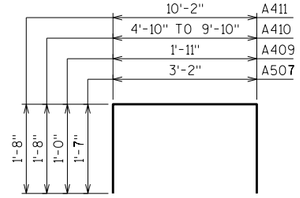
	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
	A501		78	15'-8"	X		BODY-STIRRUPS
	A402		26	2'-3"			PILES-2 PER PILE
	A403		13	28'-0"	X		PILES-1 PER PILE
	A804		12	18'-3"			BODY-HORIZ.-B.F.
	A605		28	33'-5"			BODY-HORIZ.-F.F. AND B.F.
	A406		3	23'-4"			BODY-HORIZ.-UNDER GIRDERS 4-6
	A507		24	6'-1"	X		BODY-VERT.-UNDER GIRDERS 4-6
	A408		16	5'-8"			BODY-HORIZ.-BETWEEN BEAM SEATS
	A409		32	3'-9"	X		BODY-VERT.-BETWEEN BEAM SEATS
◭	A410	X	56	10'-6"	X	◭	WING-VERT. - WINGS 1& 2
	A411	X	12	13'-4"	X		WING-VERT. - WINGS 1& 2
	A512	X	10	17'-7"			WING-HORIZ.-F.F. - WINGS 1& 2
	A813	X	16	19'-6"			WING-HORIZ.-B.F. - WINGS 1& 2
◭	A414	X	20	9'-11"		◭	WING-HORIZ.-F.F. AND B.F. - WINGS 1& 2
	A415	X	4	16'-3"	X		WING-HORIZ.-TOP - WINGS 1& 2
	A616	X	10	4'-0"	X		BODY-HORIZ.-ENDS

◭ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

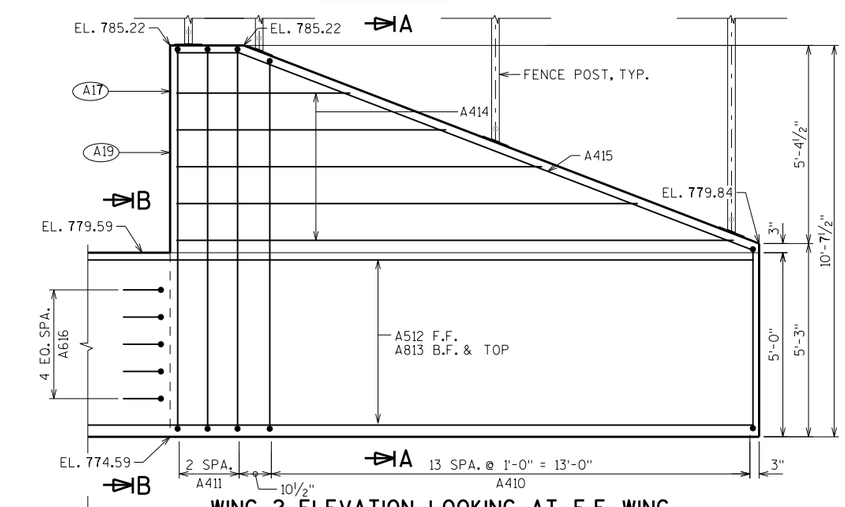
BAR SERIES TABLE

MARK	NO. REQD.	LENGTH
A410	4 SERIES OF 14	8'-0" TO 13'-0"
A414	4 SERIES OF 5	4'-8" TO 15'-1"

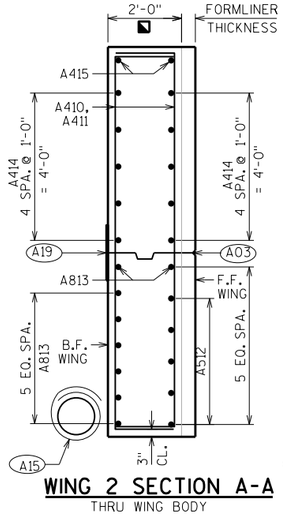
BUNDLE AND TAG EACH SERIES SEPARATELY.



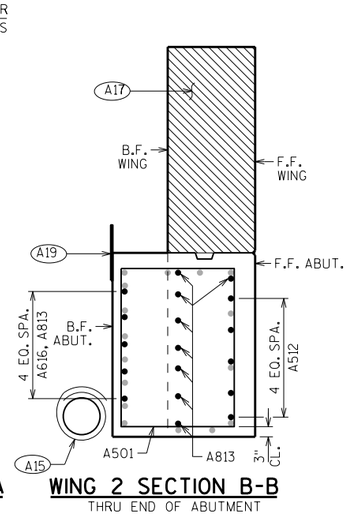
A507, A409, A410, A411



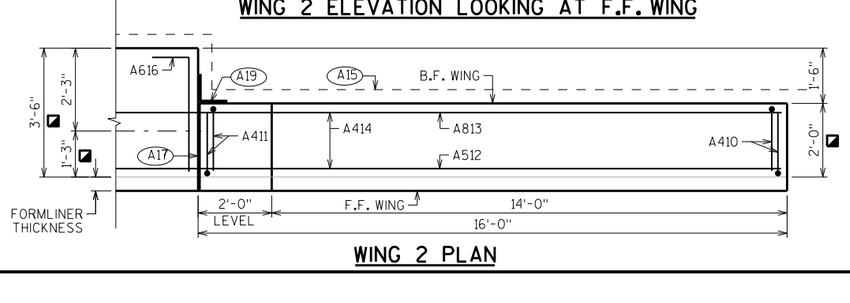
WING 2 ELEVATION LOOKING AT F.F. WING



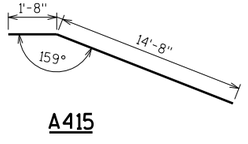
WING 2 SECTION A-A
THRU WING BODY



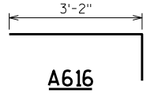
WING 2 SECTION B-B
THRU END OF ABUTMENT



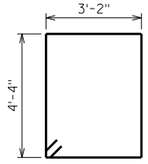
WING 2 PLAN



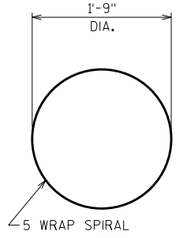
A415



A616



A501



A403

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 × 6. (18" R.M.W. @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED) INCIDENTAL TO "CONCRETE MASONRY BRIDGES".

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

◪ DIMENSION DOES NOT INCLUDE FORMLINER THICKNESS. FOR FORMLINER DETAILS SEE "AESTHETICS SHEET".

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

SOUTH ABUTMENT DETAILS

SHEET 5

PRE_596

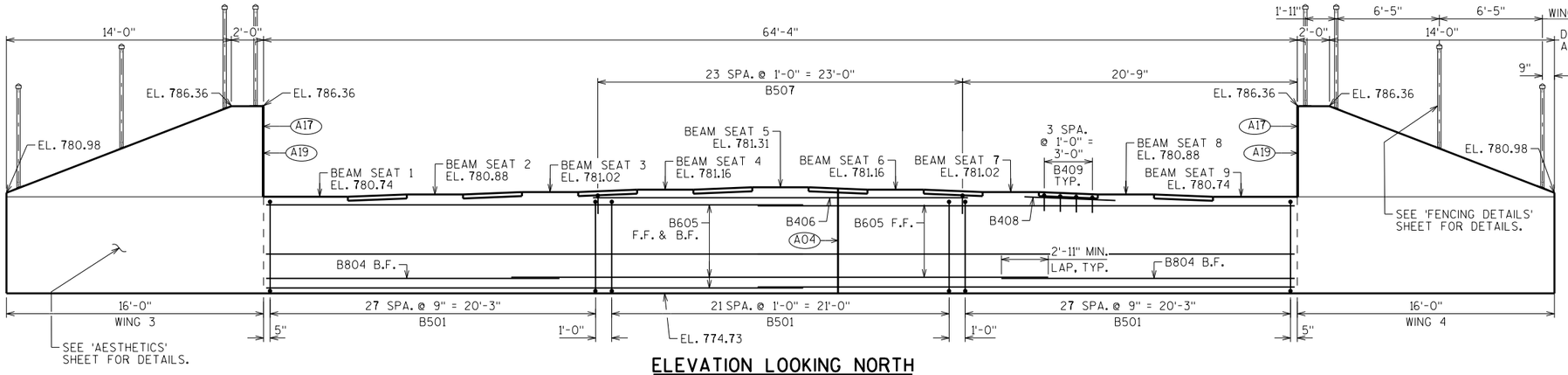
SCALE = 2.0

8

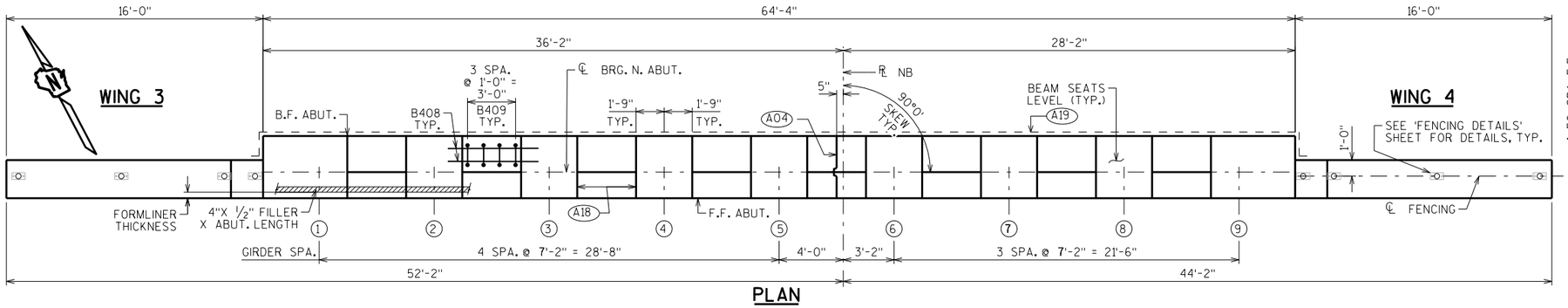
8

STATE PROJECT NUMBER

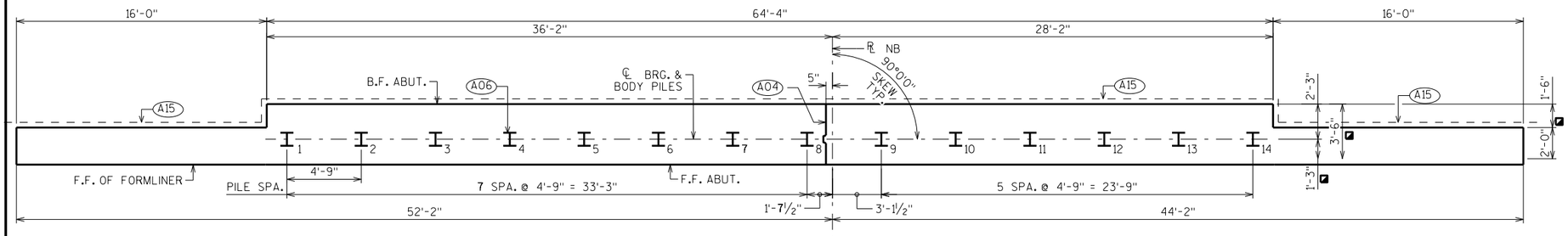
9200-10-71



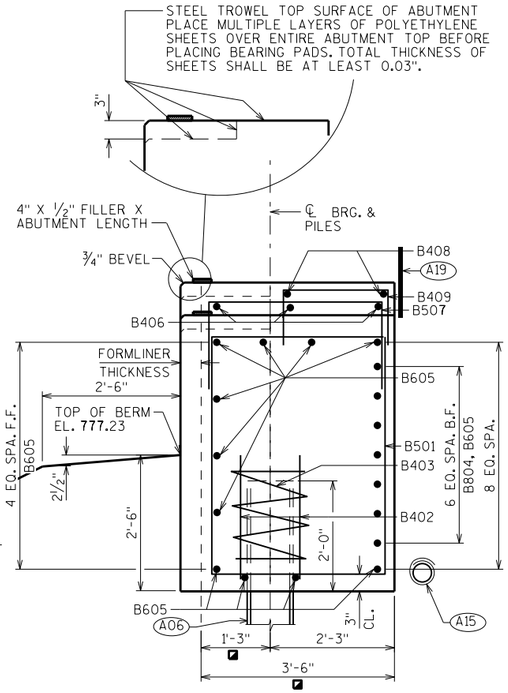
ELEVATION LOOKING NORTH



PLAN

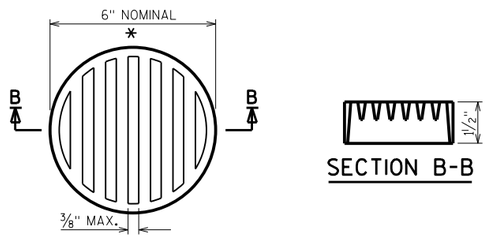


PILE PLAN



SECTION THRU BODY

▣ DIMENSION DOES NOT INCLUDE FORMLINER THICKNESS. FOR FORMLINER DETAILS SEE "AESTHETICS" SHEET.



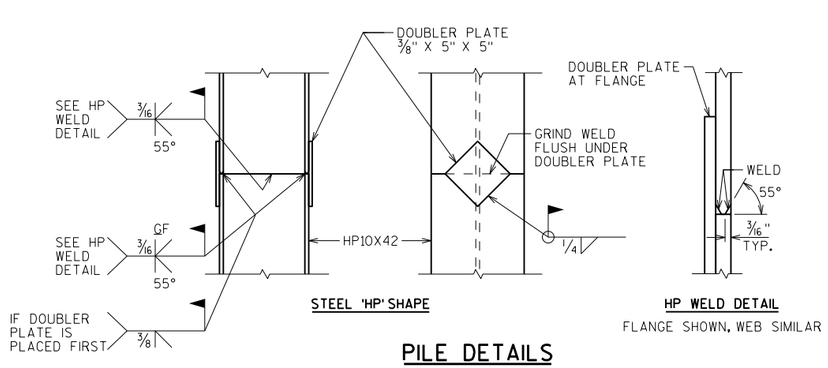
RODENT SHIELD DETAIL

SECTION B-B

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.



STEEL 'HP' SHAPE

HP WELD DETAIL

FLANGE SHOWN, WEB SIMILAR

PILE DETAILS

(A04) VERT. CONSTRUCTION JOINT: KEYWAY FORMED BY A BEVELED 2 x 8. 3/4" "V" GROOVE @ THE FRONT FACE AND 18" R.M.W. @ BACKFACE. FOR ALTERNATE DETAILS SEE "ALTERNATE CONSTRUCTION JOINT" SHEET.

(A06) SUPPORT ABUTMENT ON HP 10 x 42 STEEL PILING, ESTIMATED 70'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 180 TONS PER PILE.

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A18) 3/4" CORK FILLER UP VERT. BEAM SEAT FACES THAT RUN PARALLEL WITH GIRDER.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. MJK

NORTH ABUTMENT

SHEET 6

PRE_597

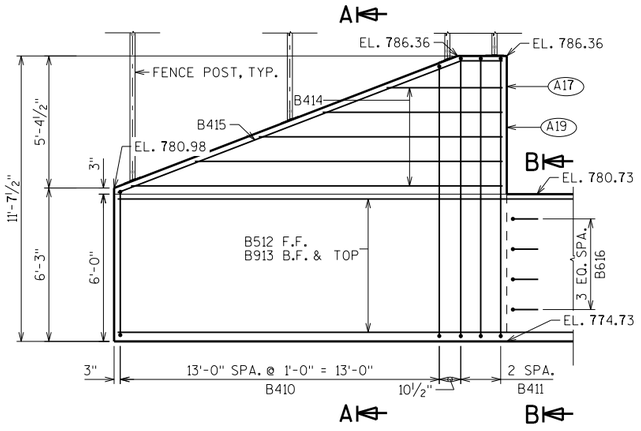
8

8

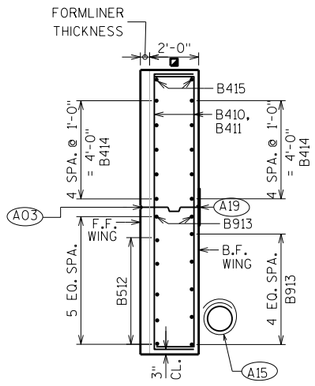
SCALE = 4.0

STATE PROJECT NUMBER

9200-10-71

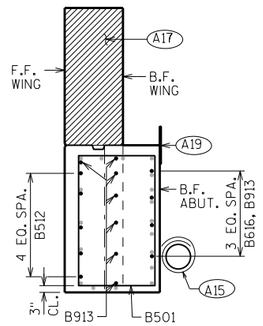


WING 3 ELEVATION LOOKING AT F.F. WING



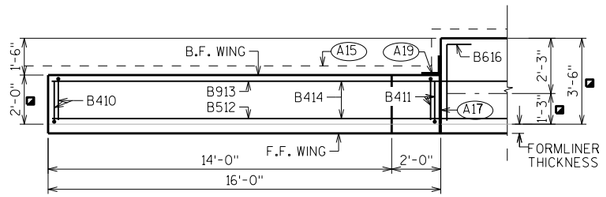
WING 3 SECTION A-A

THRU WING BODY

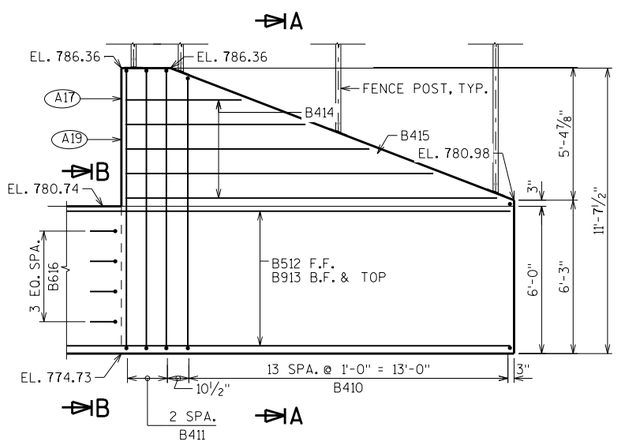


WING 3 SECTION B-B

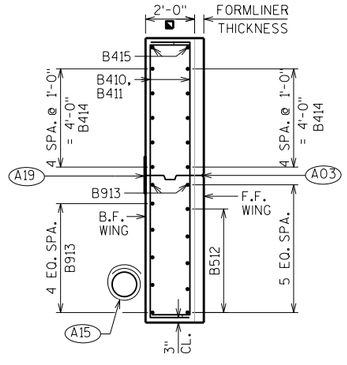
THRU END OF ABUTMENT



WING 3 PLAN

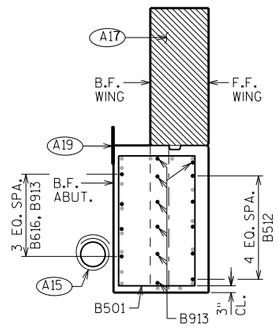


WING 4 ELEVATION LOOKING AT F.F. WING



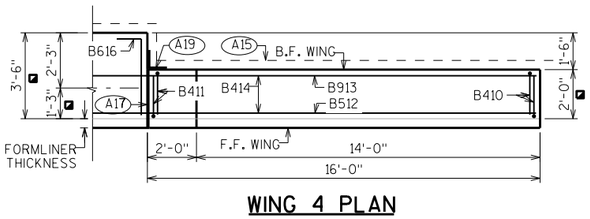
WING 4 SECTION A-A

THRU WING BODY



WING 4 SECTION B-B

THRU END OF ABUTMENT



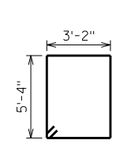
WING 4 PLAN

BILL OF BARS

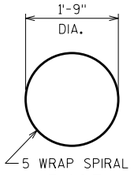
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

	BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
	B501		78	17'-8"	X		BODY-STIRRUPS
	B402		28	2'-3"			PILES-2 PER PILE
	B403		14	28'-0"	X		PILES-1 PER PILE
	B804		14	18'-3"			BODY-HORIZ.-B.F.
	B605		29	33'-8"			BODY-HORIZ.-F.F. AND B.F.
	B406		3	23'-4"			BODY-HORIZ.-UNDER GIRDERS 4-6
	B507		24	6'-1"	X		BODY-VERT.-UNDER GIRDERS 4-6
	B408		16	5'-8"			BODY-HORIZ.-BETWEEN BEAM SEATS
	B409		32	3'-9"	X		BODY-VERT.-BETWEEN BEAM SEATS
◭	B410	X	56	11'-6"	X	◭	WING-VERT. - WINGS 3 & 4
	B411	X	12	14'-4"	X		WING-VERT. - WINGS 3 & 4
	B512	X	10	17'-7"			WING-HORIZ.-F.F. - WINGS 3 & 4
	B913	X	14	20'-5"			WING-HORIZ.-B.F. - WINGS 3 & 4
◭	B414	X	20	9'-11"		◭	WING-HORIZ.-F.F. AND B.F. - WINGS 3 & 4
	B415	X	4	16'-3"	X		WING-HORIZ.-TOP - WINGS 3 & 4
	B616	X	8	4'-0"	X		BODY-HORIZ.-ENDS

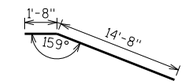
◭ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.



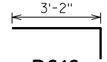
B501



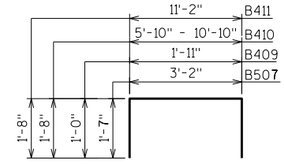
B403



B415



B616



B507, B409, B410, B411

BAR SERIES TABLE

MARK	NO. REQD.	LENGTH
B410	4 SERIES OF 14	9'-0" TO 14'-0"
B414	4 SERIES OF 5	4'-8" TO 15'-1"

BUNDLE AND TAG EACH SERIES SEPARATELY.

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 x 6. (18" R.M.W. @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED).

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

◪ DIMENSION DOES NOT INCLUDE FORMLINER THICKNESS. FOR FORMLINER DETAILS SEE "AESTHETICS SHEET".

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY JJS | PLANS CK'D. MJK

NORTH ABUTMENT DETAILS

SHEET 7

PRE_598

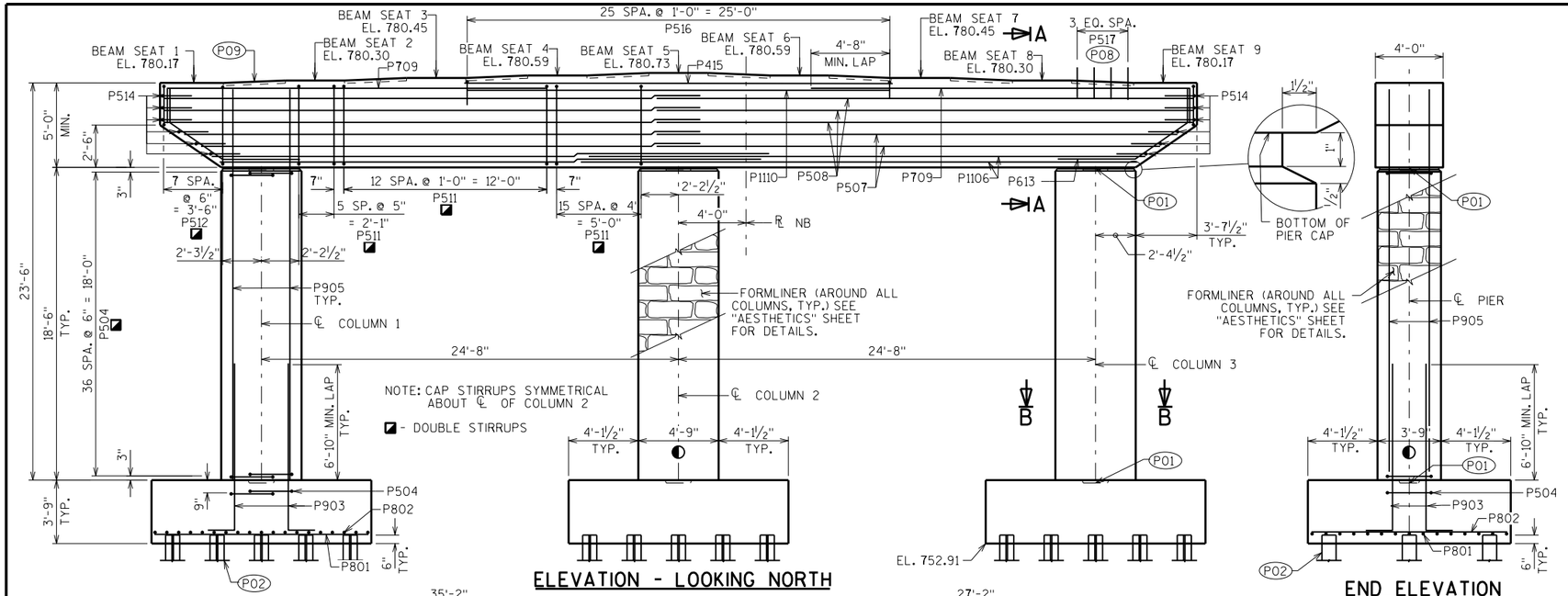
SCALE = 3.00

8

8

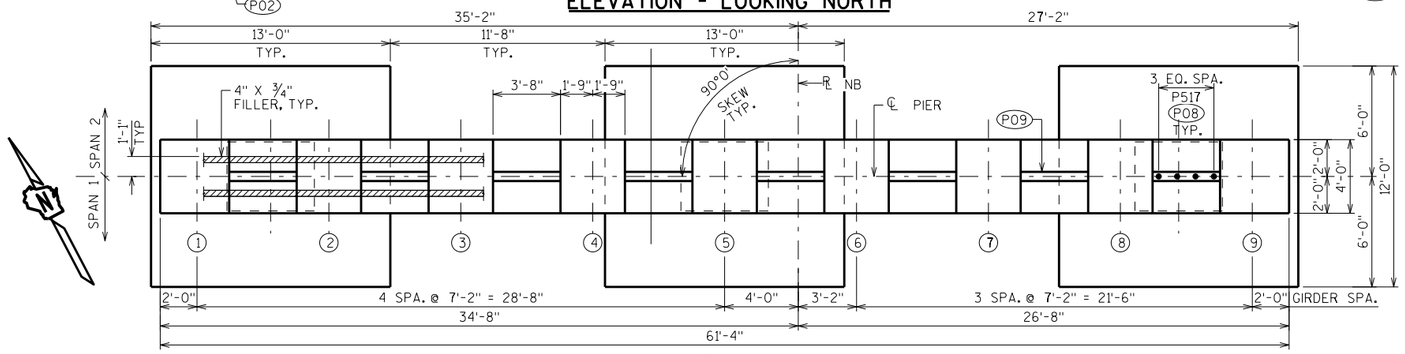
STATE PROJECT NUMBER

9200-10-71



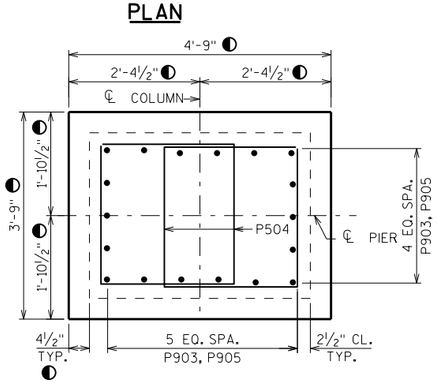
ELEVATION - LOOKING NORTH

END ELEVATION



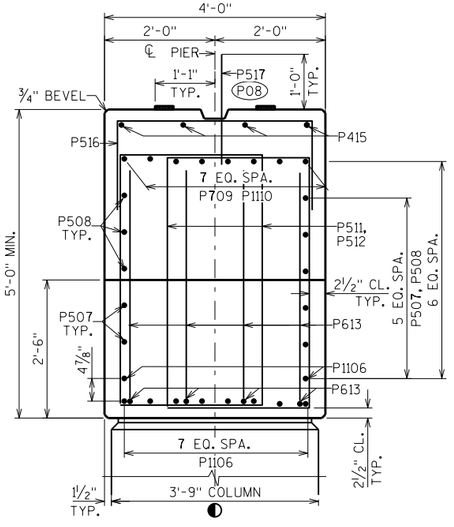
PLAN

FOOTING/PILE PLAN
TYPICAL AT ALL FOOTINGS



SECTION B-B: COLUMN
TYPICAL FOR ALL COLUMNS

◐ INCLUDES FORMLINER THICKNESS SEE 'AESTHETICS' SHEET FOR DETAILS



SECTION A-A: CAP

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

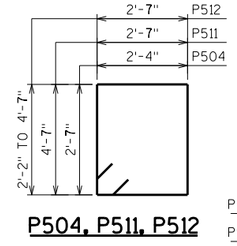
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
P801		45	12'-8"			FOOTING - HORIZ.
P802		57	11'-8"			FOOTING - HORIZ.
P903	X	54	11'-3"	X		COLUMN/FOOTING - VERT.
P504	X	234	10'-6"	X		COLUMN - STIRRUP
P905	X	54	22'-6"			COLUMN - VERT.
P1106	X	20	32'-11"			CAP - HORIZ. - BOT.
P507	X	8	31'-0"			CAP - HORIZ. - SIDES
P508	X	12	31'-11"			CAP - HORIZ. - SIDES
P709	X	16	24'-6"	X		CAP - HORIZ. - TOP - END
P1110	X	8	25'-0"			CAP - HORIZ. - TOP - MID.
P511	X	140	15'-0"	X		CAP - STIRRUP
◭ P512	X	32	12'-7"	X	◭	CAP - STIRRUP - END
P613	X	8	10'-7"	X		CAP - VERT. - ENDS
P514	X	12	6'-9"	X		CAP - HORIZ. - ENDS
P415	X	4	25'-4"			CAP-HORIZ.-UNDER BEAMS 4-6
P516	X	26	6'-8"	X		CAP-VERT.-UNDER BEAMS 4-6
P517	X	32	2'-0"			DOWEL BARS

◭ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

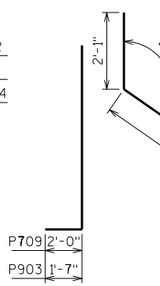
◭ BAR SERIES TABLE

MARK	NO. REQD.	LENGTH
P512	4 SERIES OF 8	10'-2" TO 15'-0"

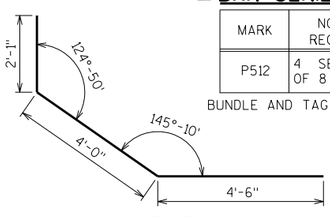
BUNDLE AND TAG EACH SERIES SEPARATELY.



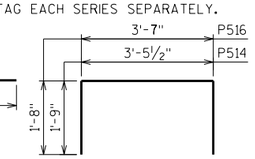
P504, P511, P512



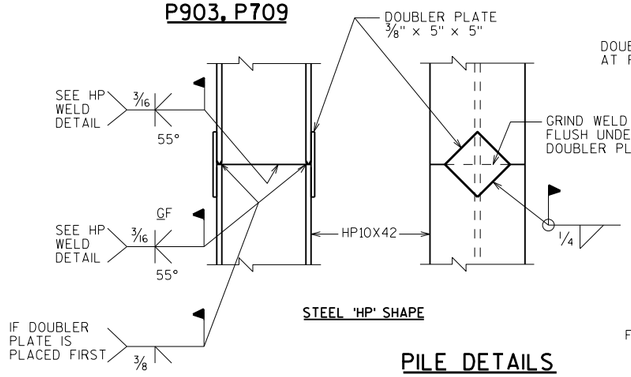
P903, P709



P613



P514, P516



STEEL 'HP' SHAPE

HP WELD DETAIL
FLANGE SHOWN, WEB SIMILAR

PILE DETAILS

(P01) 1'-3" X 2'-0" X 4" CONSTRUCTION JOINT FORMED BY BEVELED KEYWAY.

(P02) SUPPORT PIER ON HP 10 X 42 STEEL PILING, ESTIMATED 75'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 180 TONS PER PILE.

(P08) P517 BARS @ 1'-0" CTRS. BETWEEN BEAM SEATS. MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)

(P09) KEYED CONSTRUCTION JOINT-FORMED BY BEVELED 2 X 6 BETWEEN BEAM SEATS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

PIER | SHEET 8

PRE_599

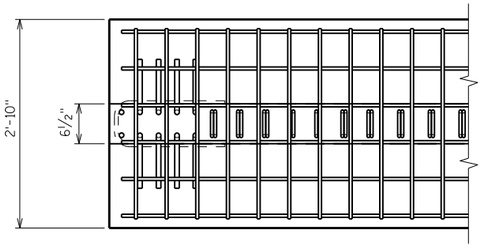
SCALE = 4.0

8

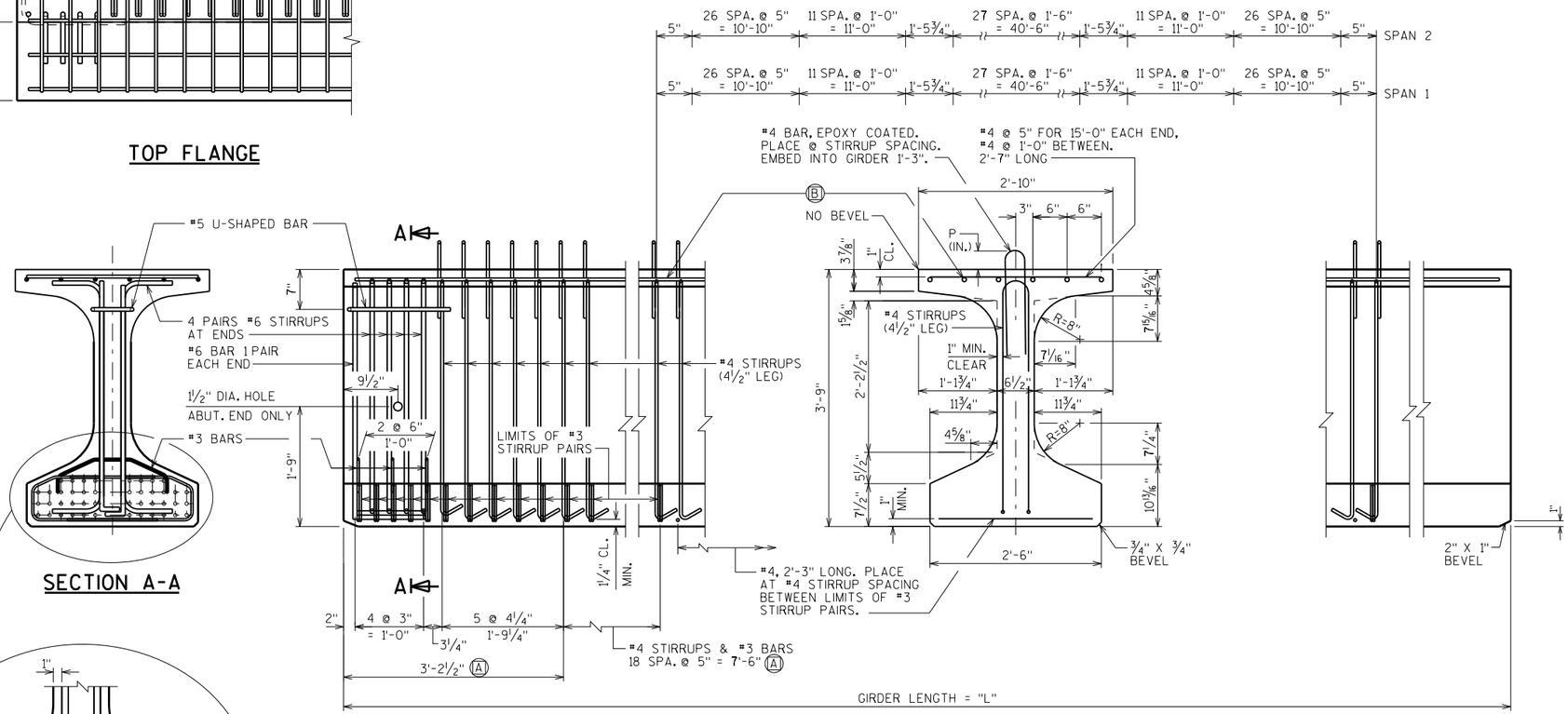
8

STATE PROJECT NUMBER

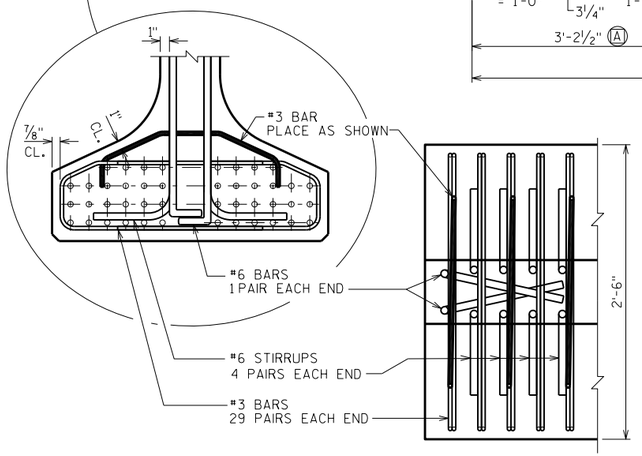
9200-10-71



TOP FLANGE



SECTION A-A



BOTTOM FLANGE

SIDE VIEW & TYPICAL SECTION IN SPAN

Ⓐ DETAIL TYP. AT EACH END

Ⓑ 6 #4 BARS, FULL LENGTH, MIN. LAP = 1'-11"

NOTES

TOP OF GIRDER TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY, EXCEPT THE OUTSIDE 8" OF GIRDER, WHICH SHALL RECEIVE A SMOOTH FINISH. AN APPROVED CONCRETE SEALER SHALL BE APPLIED TO ALL SMOOTH SURFACES INCLUDING THE OUTSIDE 8" OF THE TOP FLANGE.

DO NOT APPLY CONCRETE SEALER TO SURFACES RECEIVING APPLICATION OF CONCRETE STAINING.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS.

STRANDS SHALL BE FLUSH WITH END OF GIRDER. FOR GIRDER ENDS EMBEDDED COMPLETELY IN CONCRETE, END OF STRANDS SHALL BE COATED WITH NON-BITUMINOUS JOINT SEALER. FOR GIRDER ENDS THAT ARE FINALLY EXPOSED, COAT THE GIRDER ENDS, EXPOSED STRAND ENDS AND ALL NON-BONDING SURFACES WITHIN 2 FEET OF THE GIRDER ENDS WITH A NON-PIGMENTED EPOXY CONFORMING TO AASHTO M-235 TYPE III, GRADE 2, CLASS B OR C. THE EPOXY SHALL BE APPLIED AT LEAST 3 DAYS AFTER MOIST CURING HAS CEASED AND PRIOR TO THE APPLICATION OF THE SEALER.

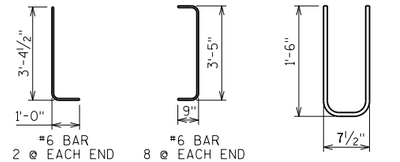
ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN.

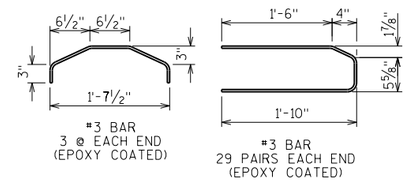
SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN ALTERNATE EQUIVALENT OF WELDED WIRE FABRIC (WWF) ASTM A497 MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON APPROVAL OF THE STRUCTURES DEVELOPMENT SECTION.

PRESTRESSING STRANDS SHALL BE (0.6" DIA.)-7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 PSI.

FOR DIAPHRAGM INSERT & CONNECTION DETAILS SEE "STEEL DIAPHRAGM" SHEET.





✳ MINIMUM CYLINDER STRENGTH OF CONCRETE @ TIME OF TRANSFER OF PRESTRESS FORCE.

GIRDER DATA

SPAN	GIRDER	GIRDER LENGTH "L"	DEAD LOAD DEFL. (IN.)									CONC. STRGTH. f'c (p.s.i.)	"P" 1ST ⅓ OF GIRDER	"P" MID ⅓ OF GIRDER	"P" END ⅓ OF GIRDER	DIA. OF STRAND (IN.)	DRAPED PATTERN						UNDRAPED PATTERN	
			1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10						TOTAL NO. OF STRANDS	f'ci (P.S.I.) ✳	(IN.) "A"	"B" MIN.	"B" MAX.	"C"	TOTAL NO. OF STRANDS	f'ci (P.S.I.) ✳
1	1-9	109.38	0.8	1.5	2.0	2.4	2.5	2.4	2.0	1.5	0.7	8,000	8"	7"	8"	0.6	36	6,400	40	13.75	16.75	5		
2	1-9	109.38	0.7	1.5	2.0	2.4	2.5	2.4	2.0	1.5	0.8	8,000	8"	7"	8"	0.6	36	6,400	40	13.75	16.75	5		

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

45W" PRESTRESSED GIRDER DETAILS

SHEET 9

PRE_600

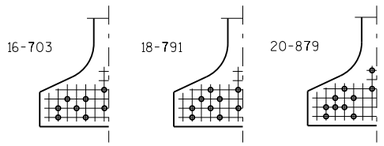
SCALE = 1

8

8

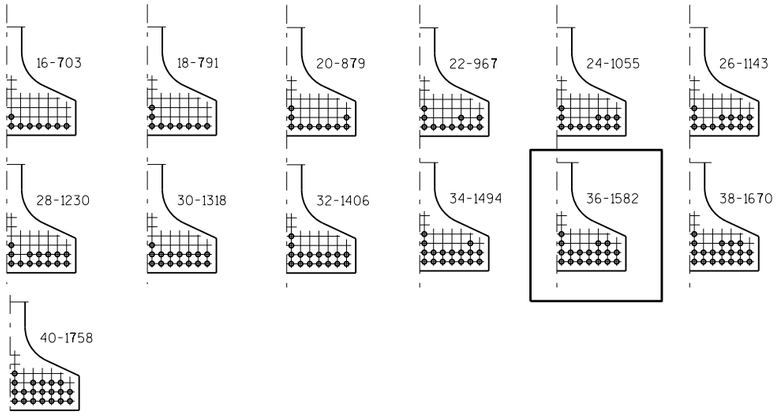
STATE PROJECT NUMBER

9200-10-71



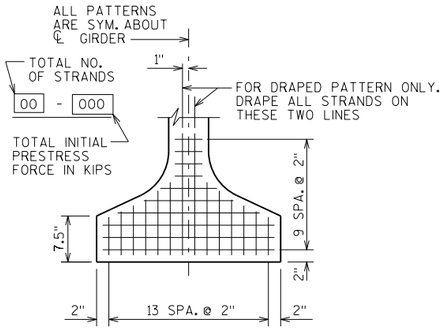
STANDARD ARRANGEMENTS TO RAISE CENTER OF GRAVITY TO AVOID DRAPING OF STRANDS

0.6"φ STRANDS

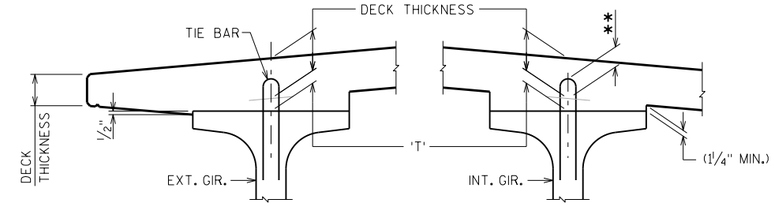


ARRANGEMENT AT ℄ SPAN - FOR GIRDERS WITH DRAPED STRANDS

0.6"φ STRANDS



TYP. STRAND PATTERN



DECK HAUNCH DETAIL

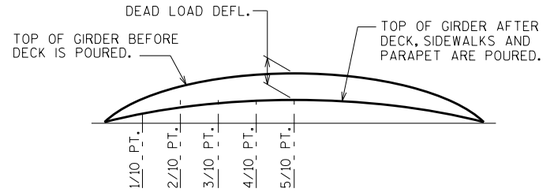
IF 1¼" MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR, THE PLAN DECK THICKNESS SHALL BE HELD. NOTIFY THE STRUCTURES SECTION IF THE GRADE LINE IS RAISED FROM THE PLAN PROFILE BY MORE THAN ½" OR,

** IF 3" MINIMUM DECK EMBEDMENT OF TIE BAR CANNOT BE OBTAINED.

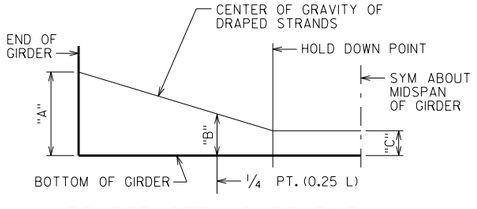
TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT ℄ OF SUBSTRUCTURE UNITS & AT 1/10 POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

TOP OF DECK ELEV. AT FINAL GRADE
- TOP OF GIRDER ELEVATION
+ DEAD LOAD DEFLECTION
- DECK THICKNESS
= HAUNCH HEIGHT 'T'

NOTE: AN AVERAGE HAUNCH ('T') OF 3⅛" WAS USED IN THE QUANTITY "CONCRETE MASONRY BRIDGES".



DEAD LOAD DEFLECTION DIAGRAM



DRAPED STRAND PROFILE

*THE THEORETICAL INITIAL CAMBER VALUE AT THE TIME OF STRAND RELEASE AT MIDSPAN MULTIPLIED BY A FACTOR OF 1.4 TO ACCOUNT FOR CAMBER GROWTH FROM THE TIME OF STRAND RELEASE TO JOBSITE PLACEMENT.

SPAN	CAMBER (IN.) *
1	4.00
2	4.00

THESE VALUES ARE NOT TO BE USED IN DETERMINING 'T', USE ACTUAL GIRDER SHOTS.

THESE VALUES ARE FOR INFORMATIONAL PURPOSES ONLY.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

45W" PRESTRESSED GIRDER DETAILS 2

SHEET 10

PRE_601

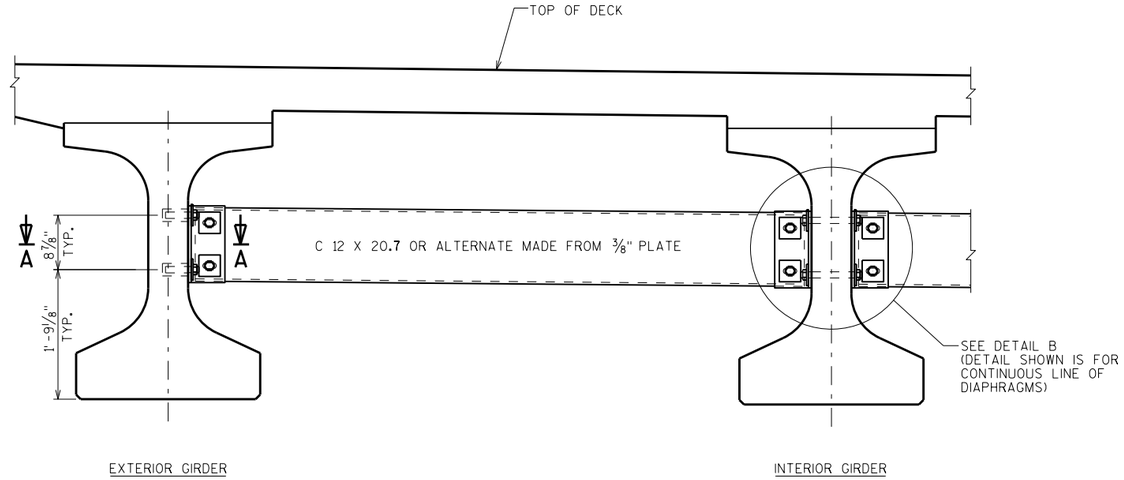
SCALE = 1

8

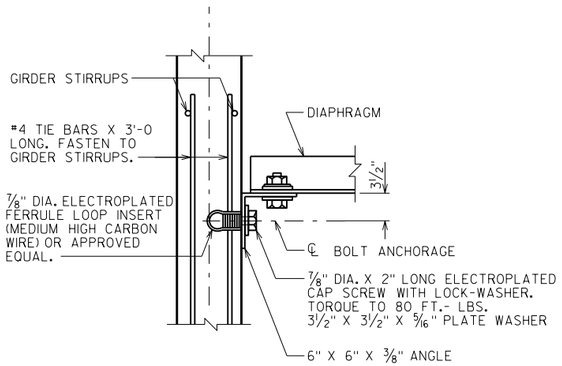
8

STATE PROJECT NUMBER

9200-10-71



PART TRANSVERSE SECTION AT DIAPHRAGM



SECTION A-A

(FOR EXTERIOR ATTACHMENT)

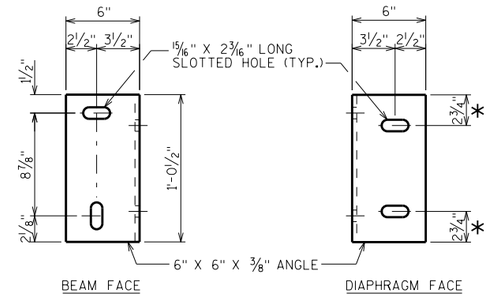
NOTES

ALL DIAPHRAGM MATERIAL NOT EMBEDDED IN THE CONCRETE GIRDER SHALL BE PAID FOR AT THE UNIT PRICE BID FOR "STEEL DIAPHRAGMS B-5-416", EACH.

EACH DIAPHRAGM BETWEEN GIRDERS SHALL CONSTITUTE ONE UNIT.

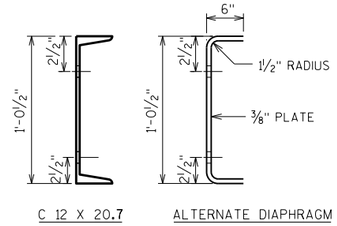
ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 36. ALL BOLTS, NUTS AND WASHERS SHALL BE ASTM A325 TYPE 1.

ALL DIAPHRAGM STRUCTURAL STEEL SHOWN SHALL BE HOT-DIPPED GALVANIZED. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C. GALVANIZED NUTS SHALL BE TAPPED OVERSIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A563 AND SHALL MEET THE REQUIREMENTS OF SUPPLEMENTARY REQUIREMENT S1 OF ASTM A563, LUBRICANT AND TEST FOR COATED NUTS.

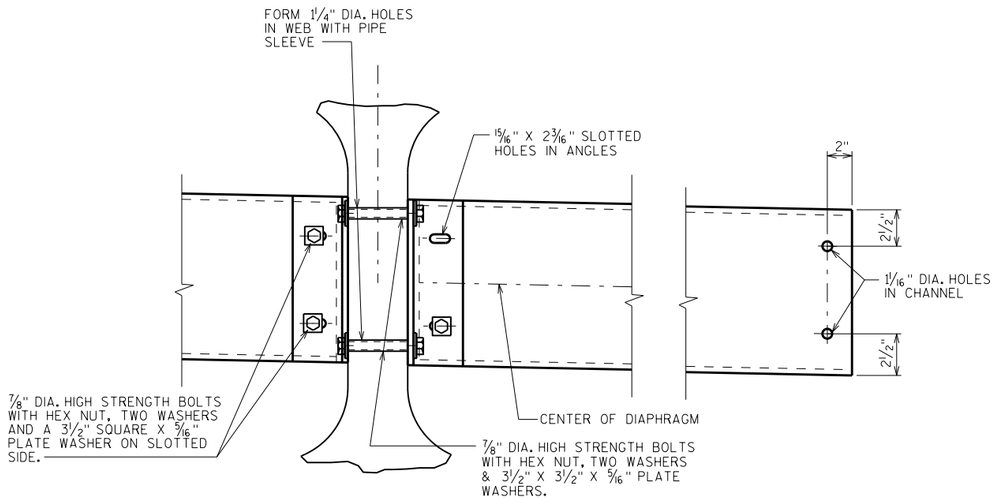


DIAPHRAGM SUPPORT

* 2 1/2" FOR ALTERNATE PLATE DIAPHRAGM



SECTION THRU ALTERNATE DIAPHRAGM



(FOR CONTINUOUS LINE OF DIAPHRAGMS)

DETAIL B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

STEEL DIAPHRAGM

SHEET 11

PRE_602

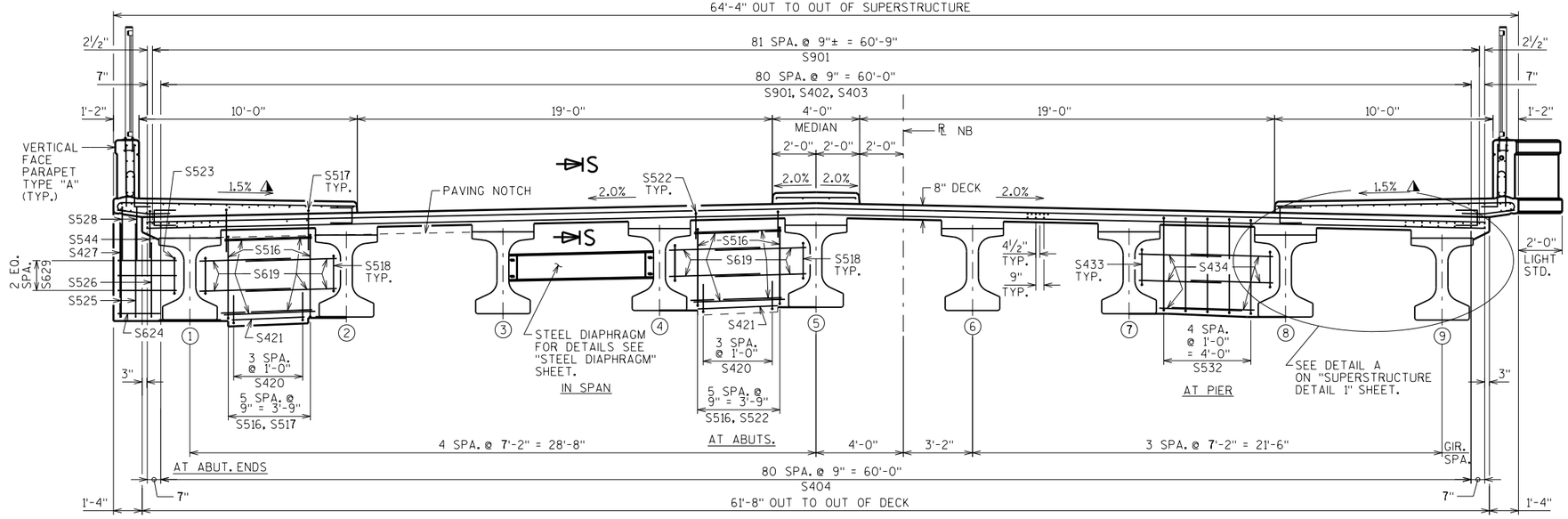
SCALE = 1

8

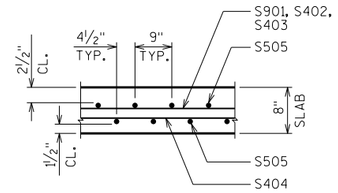
8

STATE PROJECT NUMBER

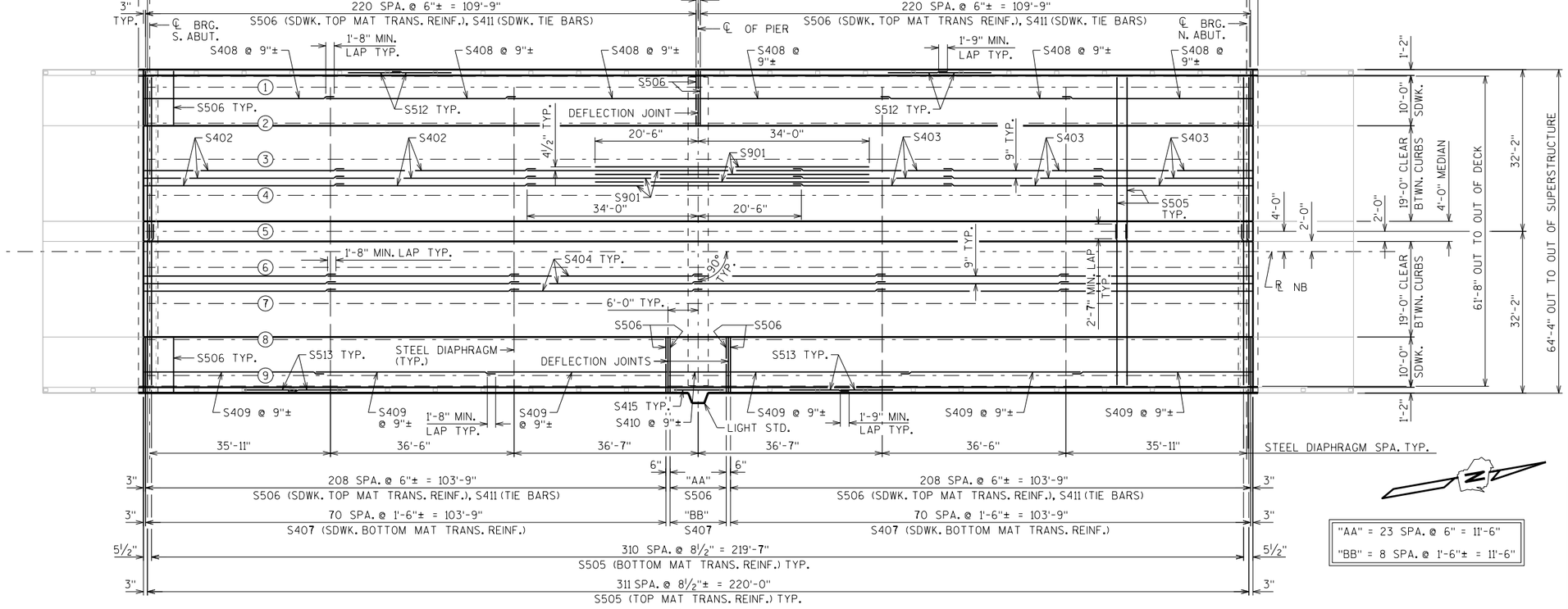
9200-10-71



SECTION THRU ROADWAY - LOOKING NORTH



SECTION S-S



PLAN

▲ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

"AA" = 23 SPA. @ 6" = 11'-6"

"BB" = 8 SPA. @ 1'-6"± = 11'-6"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

SUPERSTRUCTURE | SHEET 12

PRE_603

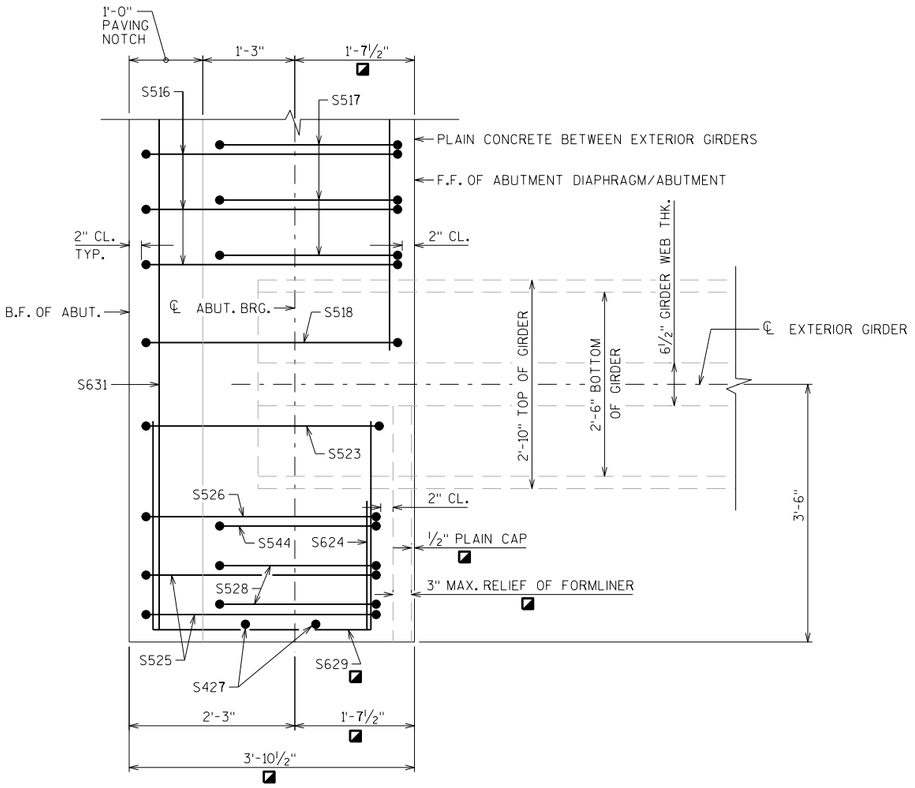
8

8

SCALE = 12

STATE PROJECT NUMBER

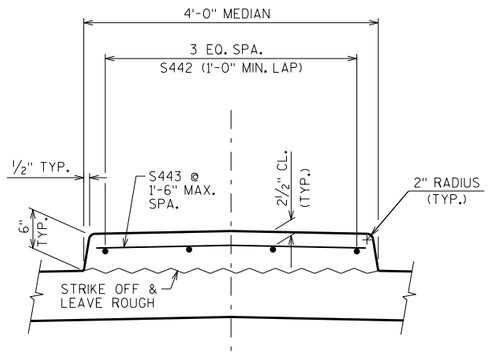
9200-10-71



PLAN - END OF ABUTMENT DIAPHRAGM

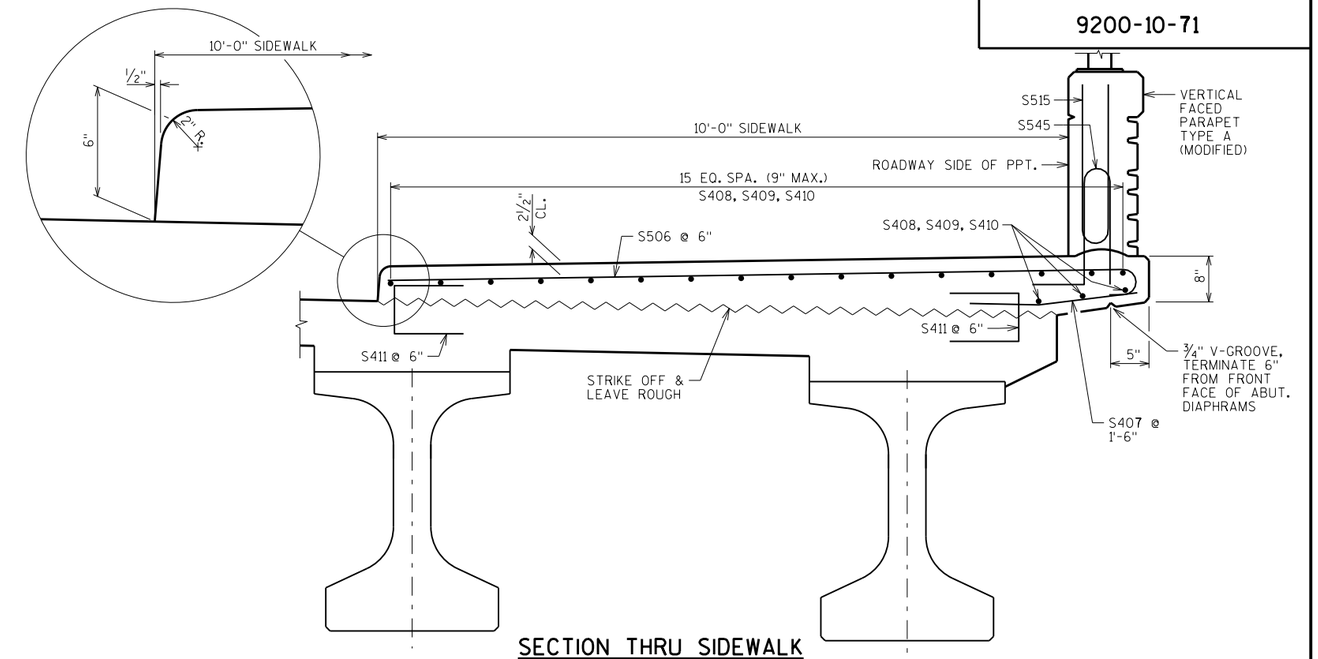
ABUTMENT DIAPHRAGM SHOWN AT WING 1 - OTHERS SIMILAR

SEE "ASETHETICS" SHEET FOR FORMLINER DETAILS

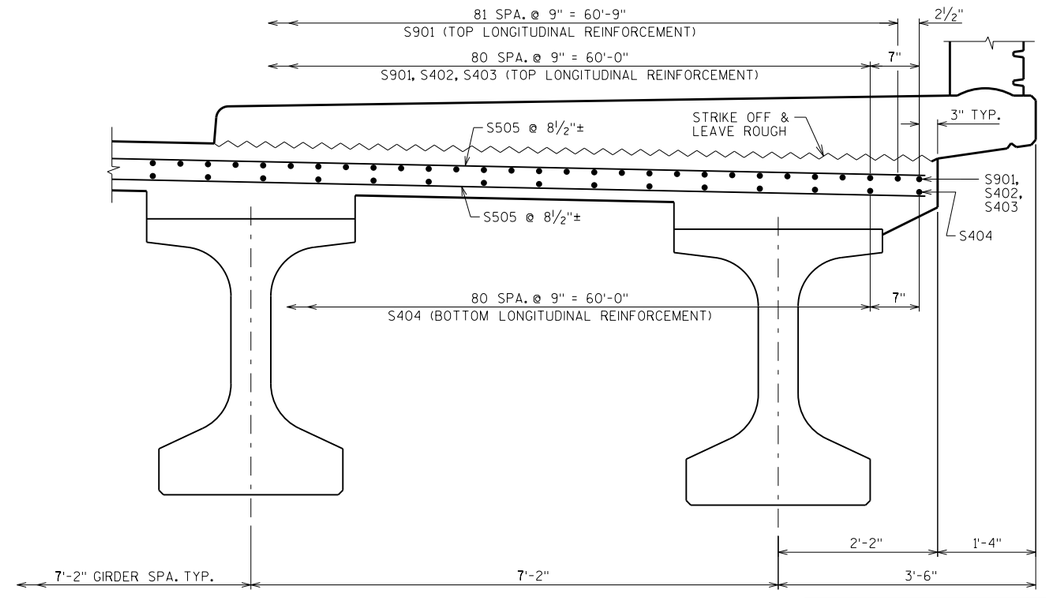


MEDIAN DETAIL

CLEAN ALL LOOSE MATERIAL ON THE DECK AT THE MEDIAN AND SIDEWALK PRIOR TO MEDIAN AND SIDEWALK PLACEMENT USING HIGH PRESSURE WATER OR AIR, ENSURING ALL FREE-STANDING WATER IS REMOVED PRIOR TO PLACEMENT. NEAT CEMENT IS REQUIRED AS PER 509.3.9.2 OF THE STANDARD SPECIFICATIONS UNLESS THE MEDIAN AND SIDEWALKS ARE POURED WITHIN 45 DAYS OF COMPLETING THE DECK POUR.



SECTION THRU SIDEWALK



DETAIL A

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. MJK

SUPERSTRUCTURE DETAILS 1

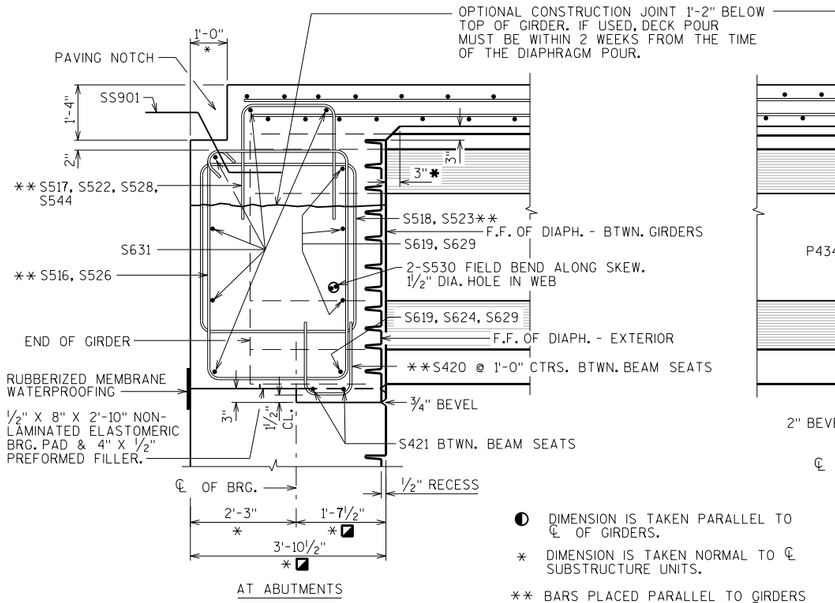
SHEET 13

PRE_604

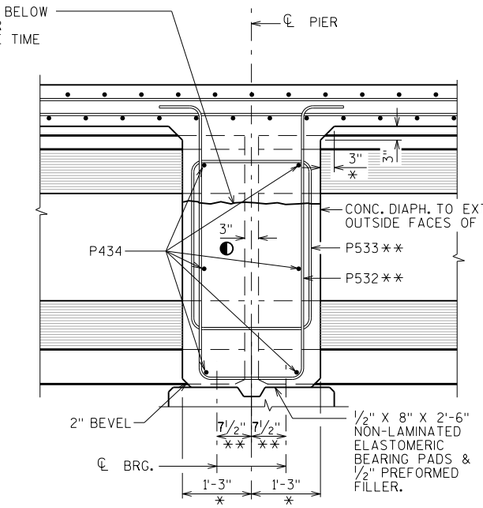
8

8

SCALE = .50



PART LONGIT. SECTION



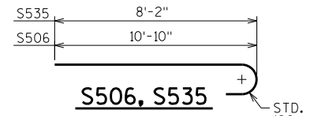
AT PIER DIAPHRAGM

◐ DIMENSION IS TAKEN PARALLEL TO ℄ OF GIRDERS.

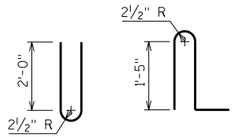
* DIMENSION IS TAKEN NORMAL TO ℄ SUBSTRUCTURE UNITS.

** BARS PLACED PARALLEL TO GIRDERS SPACING PERPENDICULAR TO ℄ GIRDERS

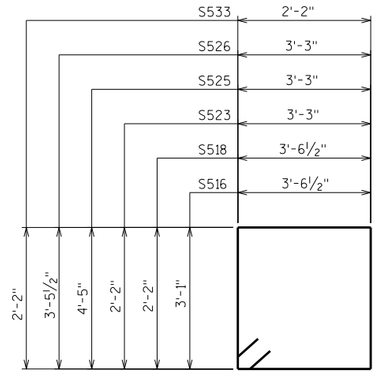
◪ SEE "AESTHETICS" SHEET FOR FORMLINER DETAILS.



S506, S535



S515 S545

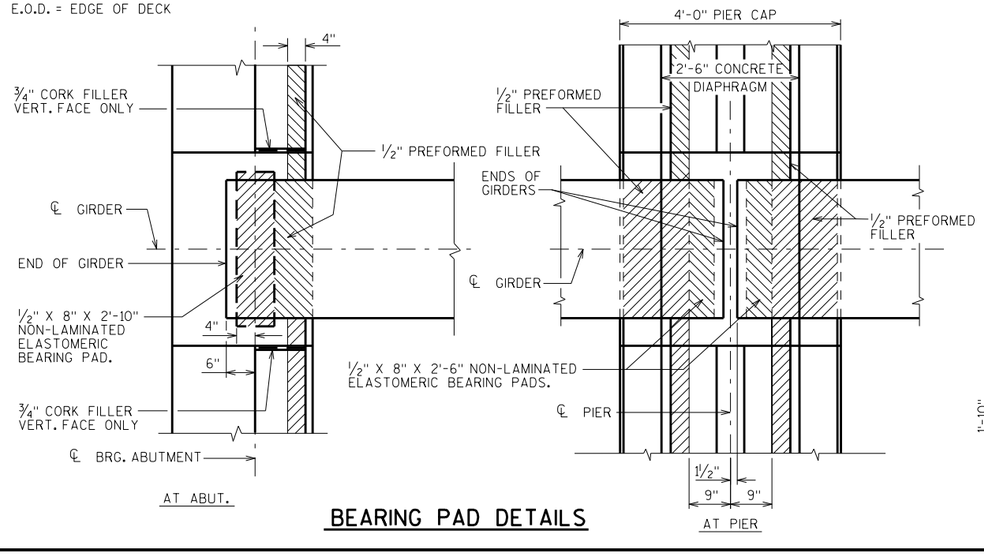


S516, S518, S523, S525, S526, S533

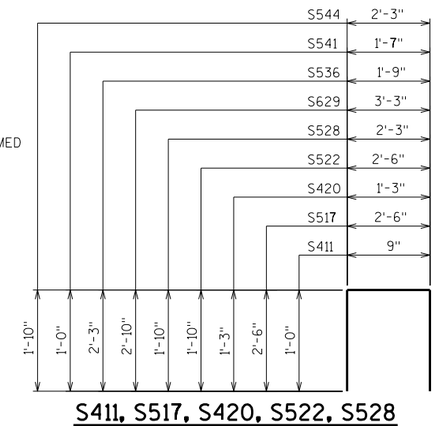
TOP OF DECK ELEVATION

	℄ BRG. S. ABUT.	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	℄ OF PIER	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	℄ BRG. N. ABUT.
WEST E.O.D.	784.32	784.37	784.43	784.49	784.55	784.60	784.66	784.72	784.77	784.83	784.89	784.95	785.00	785.06	785.12	785.17	785.23	785.29	785.35	785.40	785.46
GIRDER 1	784.37	784.42	784.48	784.54	784.59	784.65	784.71	784.77	784.82	784.88	784.94	784.99	785.05	785.11	785.17	785.22	785.28	785.34	785.39	785.45	785.51
GIRDER 2	784.51	784.57	784.62	784.68	784.74	784.79	784.85	784.91	784.97	785.02	785.08	785.14	785.19	785.25	785.31	785.37	785.42	785.48	785.54	785.59	785.65
GIRDER 3	784.65	784.71	784.77	784.82	784.88	784.94	785.00	785.05	785.11	785.17	785.22	785.28	785.34	785.40	785.45	785.51	785.57	785.62	785.68	785.74	785.79
GIRDER 4	784.80	784.85	784.91	784.97	785.02	785.08	785.14	785.20	785.25	785.31	785.37	785.42	785.48	785.54	785.60	785.65	785.71	785.77	785.82	785.88	785.94
GIRDER 5	784.94	785.00	785.05	785.11	785.17	785.22	785.28	785.34	785.40	785.45	785.51	785.57	785.62	785.68	785.74	785.80	785.85	785.91	785.97	786.02	786.08
℄ NB	784.86	784.92	784.97	785.03	785.09	785.14	785.20	785.26	785.32	785.37	785.43	785.49	785.54	785.60	785.66	785.72	785.77	785.83	785.89	785.94	786.00
GIRDER 6	784.80	784.85	784.91	784.97	785.02	785.08	785.14	785.20	785.25	785.31	785.37	785.42	785.48	785.54	785.60	785.65	785.71	785.77	785.82	785.88	785.94
GIRDER 7	784.65	784.71	784.77	784.82	784.88	784.94	785.00	785.05	785.11	785.17	785.22	785.28	785.34	785.40	785.45	785.51	785.57	785.62	785.68	785.74	785.79
GIRDER 8	784.51	784.57	784.62	784.68	784.74	784.79	784.85	784.91	784.97	785.02	785.08	785.14	785.19	785.25	785.31	785.37	785.42	785.48	785.54	785.59	785.65
GIRDER 9	784.37	784.42	784.48	784.54	784.59	784.65	784.71	784.77	784.82	784.88	784.94	784.99	785.05	785.11	785.17	785.22	785.28	785.34	785.39	785.45	785.51
EAST E.O.D.	784.32	784.37	784.43	784.49	784.55	784.60	784.66	784.72	784.77	784.83	784.89	784.95	785.00	785.06	785.12	785.17	785.23	785.29	785.35	785.40	785.46

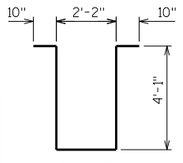
E.O.D. = EDGE OF DECK



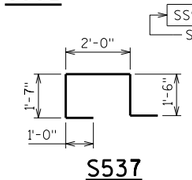
BEARING PAD DETAILS



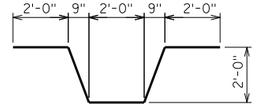
S411, S517, S420, S522, S528 S629, S536, S541, S544



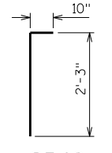
S532



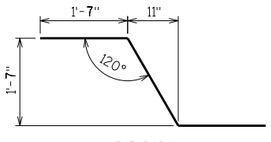
S537



S638



S540



SS901

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
S901	X	165	54'-6"			DECK - CONTINUITY STEEL
S402	X	166	39'-9"			DECK - TOP LONGITUDINAL STEEL - SPAN 1
S403	X	249	31'-7"			DECK - TOP LONGITUDINAL STEEL - SPAN 2
S404	X	498	38'-1"			DECK - BOTTOM LONGITUDINAL STEEL
S505	X	1246	32'-0"			DECK - TOP & BOTTOM TRANSVERSE STEEL
S506	X	884	11'-5"	X		SIDEWALK - TRANSVERSE - TOP
S407	X	299	2'-2"			SIDEWALK - TRANSVERSE - BOTTOM
S408	X	114	37'-11"			SIDEWALK - HORIZ. - WEST SIDE
S409	X	114	35'-9"			SIDEWALK - HORIZ. - EAST SIDE
S410	X	19	11'-8"			SIDEWALK - HORIZ. - EAST SIDE - AT PIER
S411	X	1768	2'-7"	X		SIDEWALK/DECK - TIE BARS
S512	X	36	37'-10"			PARAPET - HORIZ. - WEST SIDE
S513	X	36	35'-10"			PARAPET - HORIZ. - EAST SIDE
S514	X	6	11'-8"			PARAPET - HORIZ. - EAST SIDE - AT PIER
S515	X	445	4'-9"	X		PARAPET - VERT.
S516	X	96	13'-11"	X		ABUT. DIAPH. - STIRRUP (BTWN. GIRDERS)
S517	X	24	7'-3"	X		ABUT. DIAPH. - VERT. (BTWN. GIRDERS 1&2 AND 8&9)
S518	X	32	12'-1"	X		ABUT. DIAPH. - STIRRUP - BTWN. GIRDERS @ GIRDERS
S619	X	128	4'-1"			ABUT. DIAPH. - HORIZ. (BTWN. GIRDERS)
S420	X	64	3'-7"	X		ABUT DIAPH. - VERT. (BTWN. GIRDERS)
S421	X	32	3'-4"			ABUT. DIAPH. - HORIZ. (BTWN. GIRDERS)
S522	X	72	5'-11"	X		ABUT. DIAPH. - VERT. (BTWN. GIRDERS 2 THRU 8)
S523	X	4	11'-6"	X		ABUT. DIAPH. - STIRRUP @ GIRDERS - ENDS
S624	X	4	1'-11"			ABUT. DIAPH. - HORIZ. - ENDS
S525	X	8	16'-0"	X		ABUT. DIAPH. - STIRRUP - ENDS
S526	X	4	14'-1"	X		ABUT. DIAPH. - STIRRUP - ENDS
S427	X	8	4'-6"			ABUT. DIAPH. - VERT. - ENDS
S528	X	8	5'-8"	X		ABUT. DIAPH. - VERT. - ENDS
S629	X	12	8'-7"	X		ABUT. DIAPH. - HORIZ. - ENDS
S530	X	36	6'-0"			ABUT. DIAPH. - HORIZ. - THRU GIRDERS
S631	X	24	33'-4"			ABUT. DIAPH. - HORIZ. - B.F.
S532	X	40	11'-6"	X		PIER DIAPH. - VERT.
S533	X	16	9'-4"	X		PIER DIAPH. - STIRRUP @ GIRDER
S434	X	96	3'-10"			PIER DIAPH. - HORIZ.
S535	X	12	8'-9"	X		LIGHT STD. - HORIZ.
S536	X	4	6'-0"	X		LIGHT STD. - VERT.
S537	X	4	6'-7"	X		LIGHT STD. - VERT.
S638	X	7	9'-9"	X		LIGHT STD. - HORIZ.
S539	X	12	8'-2"			LIGHT STD. - HORIZ.
S540	X	2	3'-0"	X		LIGHT STD. - VERT.
S541	X	2	3'-4"	X		LIGHT STD. - VERT.
S442	X	24	38'-7"			MEDIAN - LONGITUDINAL
S443	X	148	3'-7"			MEDIAN - TRANSVERSE
S544	X	4	5'-8"	X		ABUT. DIAPH. - VERT. - ENDS
S545	X	445	4'-4"	X		PARAPET - VERT.
S546	X	2	2'-4"			LIGHT STD. - VERT.
SS901		130	5'-0"	X		CONCRETE ABUT. DIAPHRAGM TO APPROACH SLAB

STAINLESS STEEL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

SUPERSTRUCTURE DETAILS 2

SHEET 14

PRE_605

STATE PROJECT NUMBER

9200-10-71

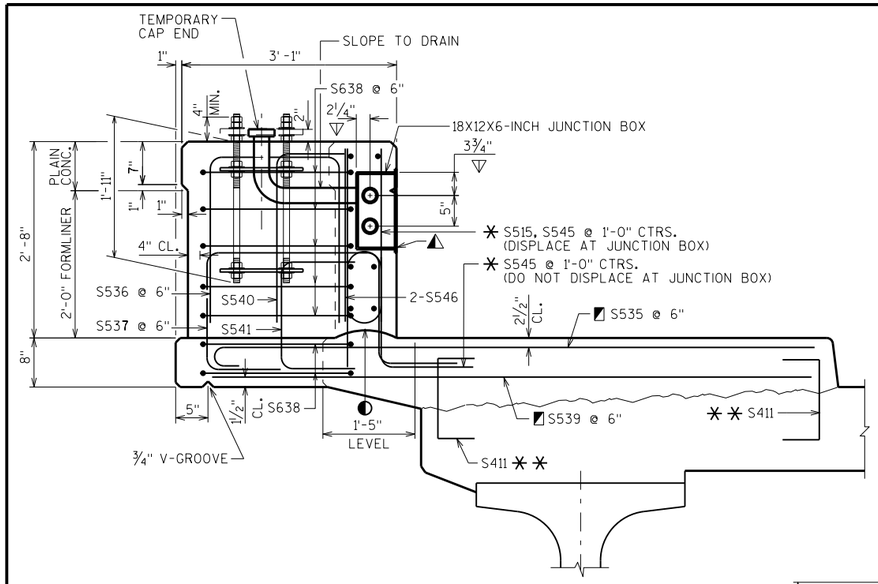
8

8

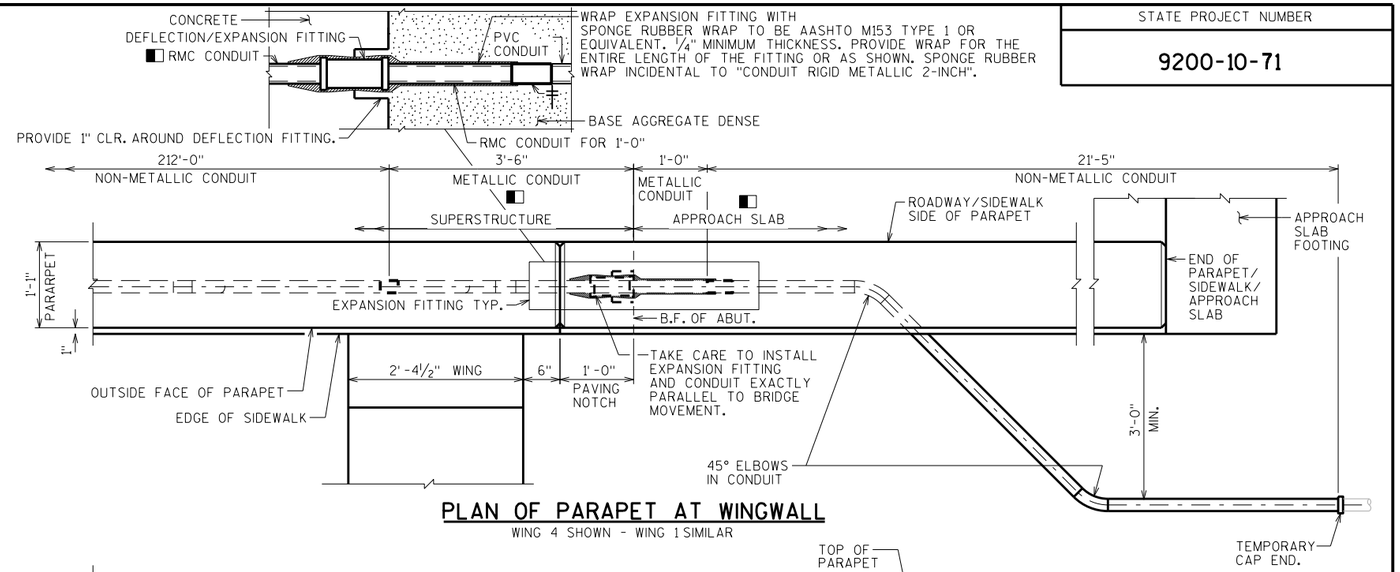
SCALE = 1.3333

STATE PROJECT NUMBER

9200-10-71

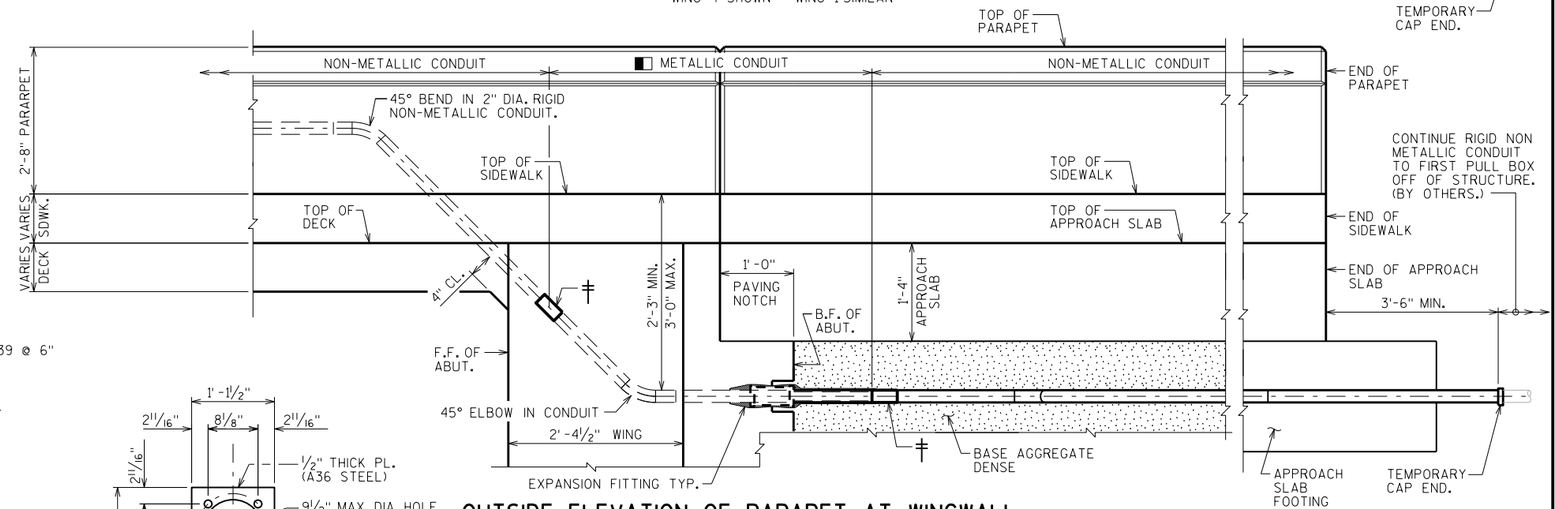


SECTION A-A



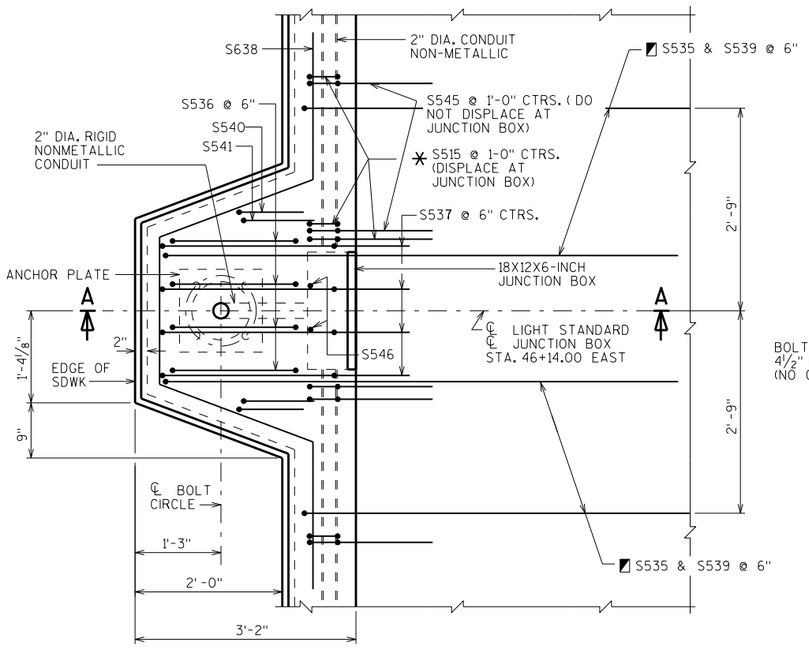
PLAN OF PARAPET AT WINGWALL

WING 4 SHOWN - WING 1 SIMILAR

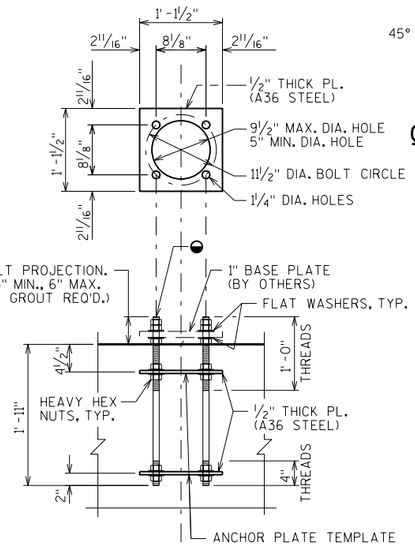


OUTSIDE ELEVATION OF PARAPET AT WINGWALL

WING 4 SHOWN - WING 1 SIMILAR



PLAN AT LIGHT STANDARD



ANCHORAGE DETAIL

(1 REQ'D.)

- USE RIGID METALLIC CONDUIT.
- CONSTR. JT. STRIKE OFF AS SHOWN
- CUT OUT ± 1" OF GASKET AT BOTTOM OF JUNCTION BOX COVER TO ALLOW FOR DRAINAGE.
- LOCATION OF CONDUIT IS MEASURED FROM OUTSIDE EDGE OF JUNCTION BOX.
- THESE BARS ARE IN ADDITION TO STANDARD TRANSVERSE BARS IN SIDEWALK.
- 1" DIA. THREADED ANCHOR BOLTS ASTM A449 OR AASHTO M 314-90 GR 55. HOT DIP ASTM A153, CLASS C, UPPER 8" OF BOLT INCLUDING NUTS & WASHERS. PROVIDE ENLARGED THREAD ON NUTS FOR PROPER FIT AFTER GALVANIZING. PROVIDE DOUBLE FLAT WASHERS & NUTS.
- ✳ SEE "VERTICAL FACE PARAPET "A" (MODIFIED)" SHEET FOR ADDITIONAL BAR STEEL DETAILS.
- ✳✳ SEE "SUPERSTRUCTURE DETAILS 1&2" SHEETS FOR ADDITIONAL BAR STEEL DETAILS.
- ‡ NONMETALLIC CONDUIT TO METALLIC CONDUIT ADAPTER FITTING (UL OR NRTL LISTED FOR ELECTRICAL USE SHALL BE USED).

NOTES

BID ITEMS SHALL BE:
"JUNCTION BOXES 18X12X6-INCH", EACH.
"ANCHOR ASSEMBLIES LIGHT POLES", EACH.
"CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH"
"CONDUIT RIGID METALLIC 2-INCH"

APPROVED MANUFACTURERS - JUNCTION BOXES:
SEE APPROVED MATERIAL LIST.

APPROVED MANUFACTURER OR EQUIVALENT - EXPANSION FITTING:

O-Z/GEDNEY TYPE AX-200 AND BONDING JUMPER (UP TO 3/4" CONDUIT CONTRACTION OR EXPANSION AND UP TO 30 DEGREES OF ANGULAR MISALIGNMENT IN ANY DIRECTION WITH BONDING JUMPER)

EXPANSION FITTINGS, ANGLES AND ADAPTER FITTINGS TO BE INCIDENTAL TO "CONDUIT RIGID METALLIC 2-INCH".

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. MJK

CONDUIT DETAILS

SHEET 15

PRE_606

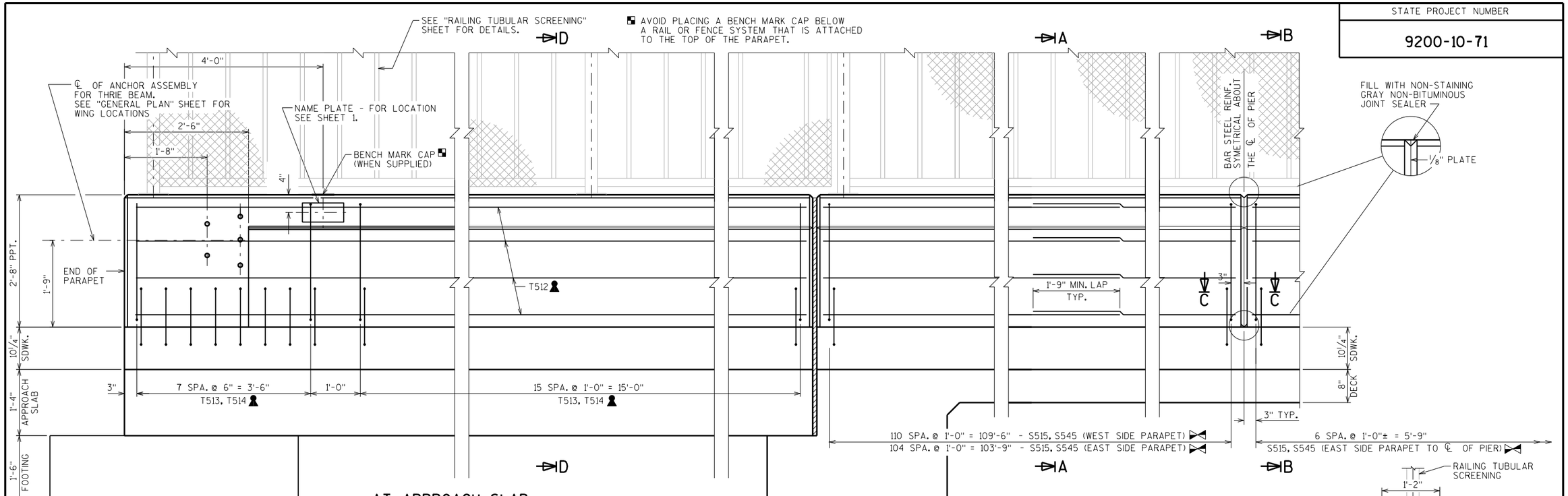
8

8

SCALE = 1

STATE PROJECT NUMBER

9200-10-71



AT APPROACH SLAB

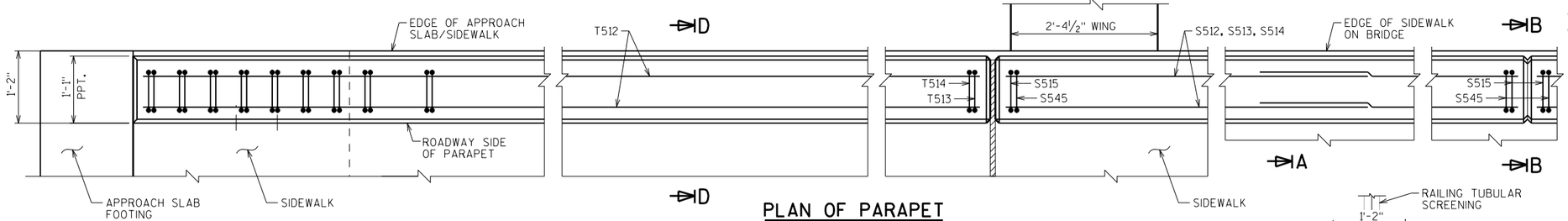
▲ = FOR BAR STEEL REINFORCEMENT INFORMATION SEE "STRUCTURAL APPROACH SLAB" SHEET.

INSIDE ELEVATION OF PARAPET

CONDUIT NOT SHOWN FOR CLARITY. SEE "CONDUIT DETAILS" SHEET FOR DETAILS.

ON BRIDGE

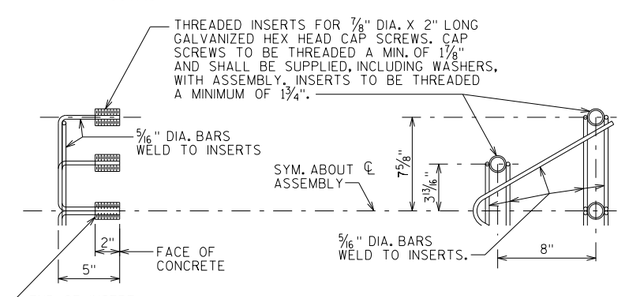
AT DEFLECTION JOINT



PLAN OF PARAPET

SECTION D-D THRU PARAPET ON APPROACH SLAB

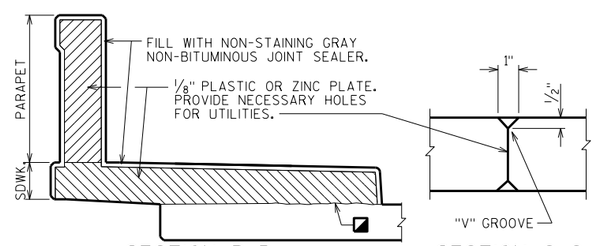
FOR FORMLINER DETAILS SEE "AESTHETICS" SHEET
FOR APPROACH SLAB DETAILS SEE "STRUCTURAL APPROACH SLAB" SHEET



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

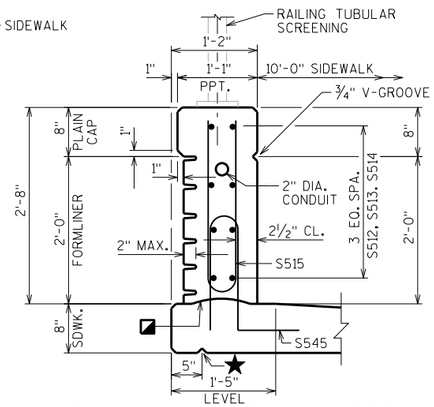


SECTION B-B

(SHOWING DEFLECTION JOINT IN PARAPET AND SIDEWALK.)

WHEN PARAPETS ARE POURED CONTINUOUSLY FROM END TO END, THEY SHALL BE SEPARATED AT THE DEFLECTION JOINTS BY A PIECE OF ⅛" ZINC OR PLASTIC PLATE CUT AS SHOWN IN SECTION B-B BY SHADED AREA. IF CONSTRUCTION JOINTS IN PARAPETS ARE USED AT THE DEFLECTION JOINTS, ONE SIDE OF JOINT SHALL BE COATED WITH AN APPROVED LIQUID BOND BREAKER AND PLATE SEPARATORS MAY BE OMITTED.

SECTION C-C



SECTION A-A THRU PARAPET ON BRIDGE

FOR FORMLINER DETAILS SEE "AESTHETICS" SHEET

▶◀ VERTICAL REINFORCEMENT TO BE SYMETRICAL ABOUT THE ℄ OF PIER

◪ HORIZONTAL CONSTRUCTION JOINT - STRIKE OFF AND LEAVE ROUGH

★ ¾" V-GROOVE EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY	DDS	PLANS CK'D.	MJK

VERTICAL FACE PARAPET "A" (MODIFIED)

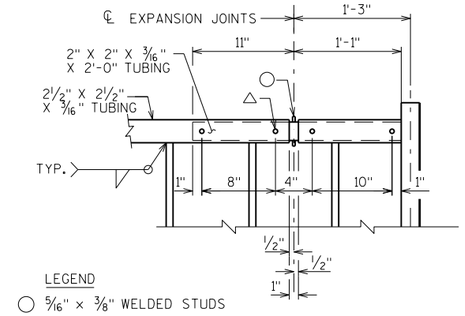
SHEET 16

PRE_607

8

8

SCALE = 1

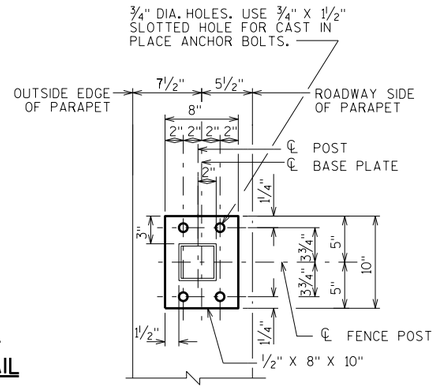


LEGEND

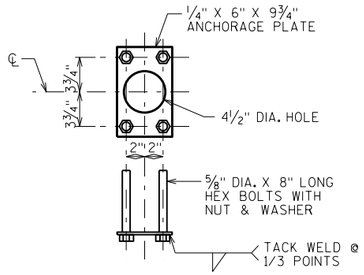
○ 5/16" × 3/8" WELDED STUDS

△ WELD BEAD ON EACH SIDE OF TUBE. GRIND BEADS SO THAT SLEEVE FITS FREELY INSIDE THE 2½" × 2½" TUBE.

RAILING EXPANSION JOINT DETAIL



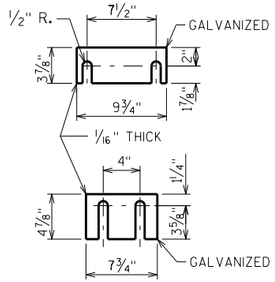
BASE PLATE



ANCHORAGE DETAIL

ALTERNATIVE ANCHORAGE: ADHESIVE ANCHORS ⅝"- INCH. EMBED 7" IN CONCRETE. ADHESIVE ANCHORS SHALL CONFORM TO SECTION 502.2.12 OF THE STANDARD SPECIFICATIONS.

NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.



SHIM PLATE DETAILS

TWO SHIMS OF EACH SIZE REQUIRED PER POST

NOTES

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B. BASE PLATES, ANGLES, BARS, AND SHIMS TO BE ASTM A709, GRADE 36, FENCE FABRIC SHALL CONFORM TO ASTM F668, CLASS 2B.

ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET POSTS NORMAL TO GRADE.

ALL POST SPACING IS TAKEN HORIZ. ALONG CENTER LINE OF RAILING AT BASE OF POST.

STEEL SHIMS SHALL BE PROVIDED AND USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.

CAULK AROUND PERIMETER OF BASE PLATES AND FILL PORTION OF SLOTTED HOLES AROUND ANCHOR BOLTS WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

CUT BOTTOM OF POST TO MAKE VERTICAL IN TRANSVERSE DIRECTION.

ANCHOR BOLTS, NUTS AND WASHERS SHALL BE EITHER STAINLESS STEEL OR ASTM 307. IF 307 IS USED, ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED.

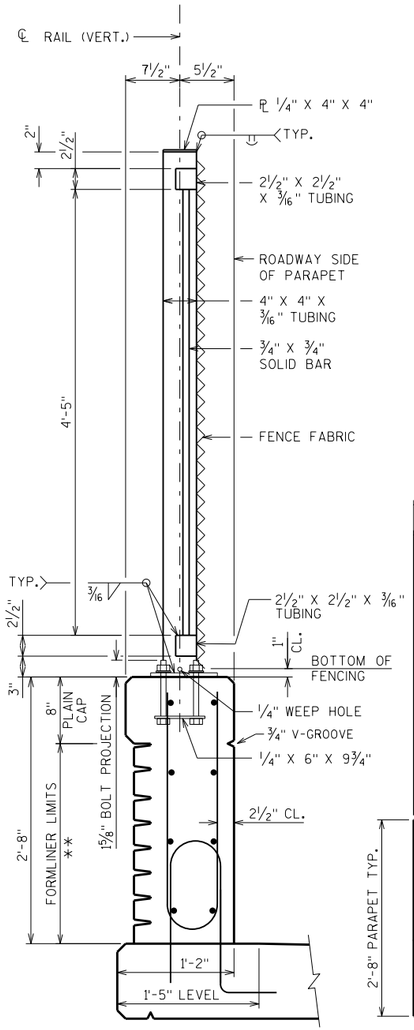
THE BID ITEM SHALL BE "RAILING TUBULAR SCREENING B-5-416" WHICH SHALL INCLUDE ALL ITEMS SHOWN.

RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE NOT MORE THAN 3 POSTS.

VENT HOLES SHALL BE DRILLED IN MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE.

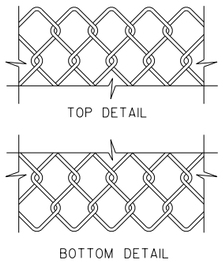
ALL RAILING MATERIAL SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING ALL STEEL RAILING POSTS AND STEEL TUBING SHALL BE GIVEN A NO. 6 BLAST CLEANING BY SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH APPROVED TIE COAT AND TOPCOAT AS SPECIFIED IN THE CONTRACT DOCUMENTS. THE RAILING SHALL BE PAINTED AMS STD. COLOR NO. 27038. FENCE FABRIC AND TIES TO BE VINYL COATED. THE COLOR SHALL BE BLACK IN ACCORDANCE WITH ASTM F934.

THE END OF THE FABRIC SHALL BE ATTACHED TO THE POST BY MEANS OF A TENSION BAR THREADED THROUGH THE END LOOPS OF THE FABRIC AND SECURED TO THE POST WITH CLAMPS & BOLT. THE FABRIC SHALL BE STRETCHED TO REMOVE ALL SLACK.



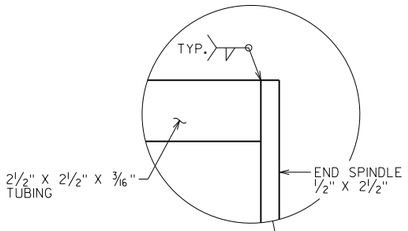
SECTION THRU RAILING

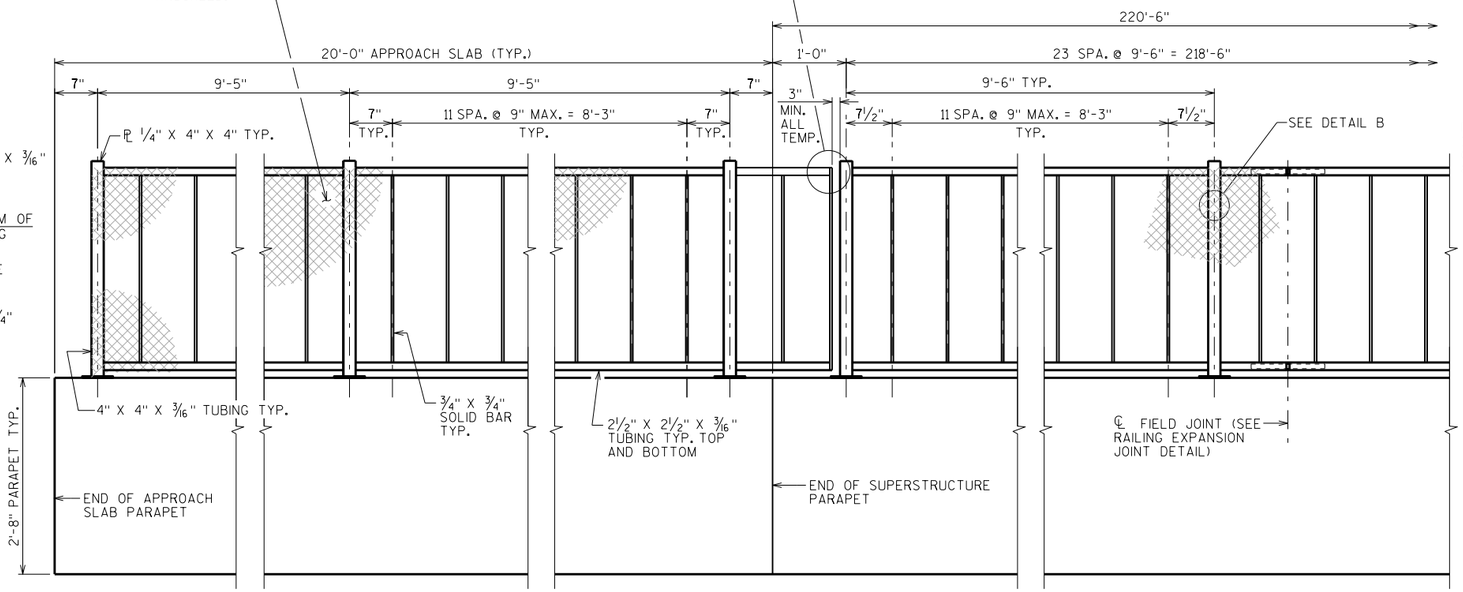
** = SEE "AESTHETICS" SHEET FOR DETAILS.



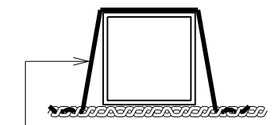
FENCE FABRIC

5'-0" VINYL COATED FENCE FABRIC WOVEN OF 9-GAUGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.



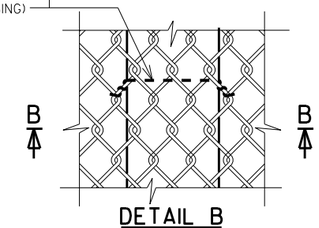


INSIDE ELEVATION OF RAILING



SECTION B-B

FABRIC TIE @ 1'-0" MAX. SPA. (TYP. RAIL POSTS & HORIZ. TUBING)



DETAIL B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

RAILING TUBULAR SCREENING

SHEET 17

PRE_608

STATE PROJECT NUMBER

9200-10-71

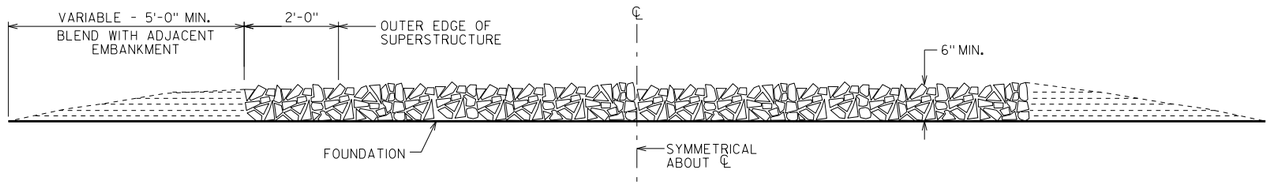
8

8

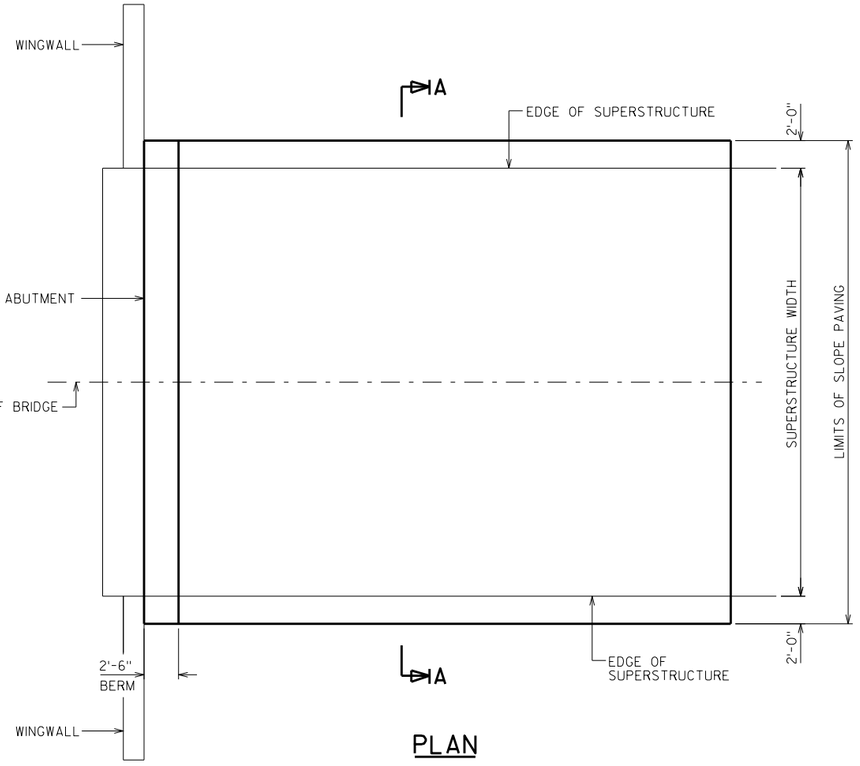
SCALE = 1

STATE PROJECT NUMBER

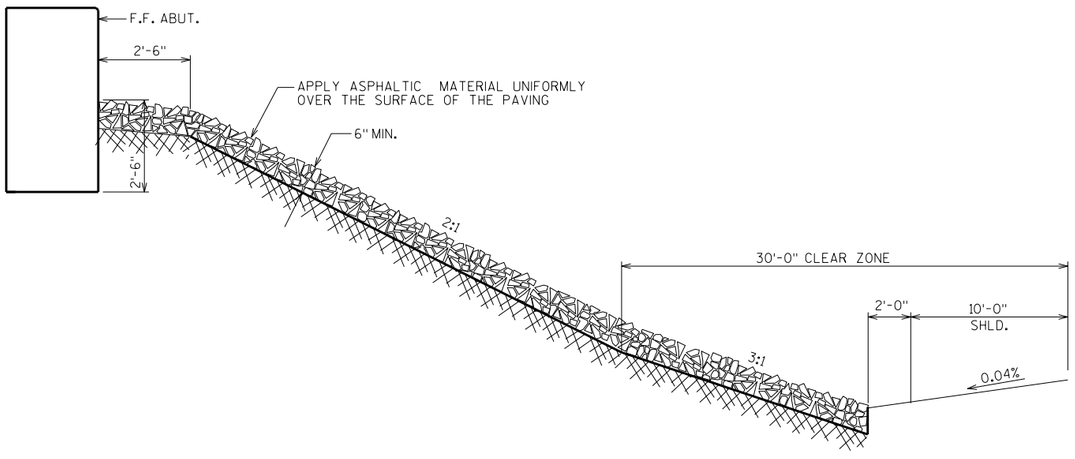
9200-10-71



SECTION A-A



PLAN



STANDARD CROSS SECTION THRU CRUSHED AGGREGATE

ROUND STONE WILL NOT BE ACCEPTED

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

WOOD FORMS MAY BE LEFT IN PLACE WHEN OF A QUALITY ACCEPTABLE TO THE ENGINEER.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY DDS | PLANS CK'D. JJS

SLOPE PAVING (CRUSHED AGGREGATE)

SHEET 18

PRE_609

SCALE = 1

8

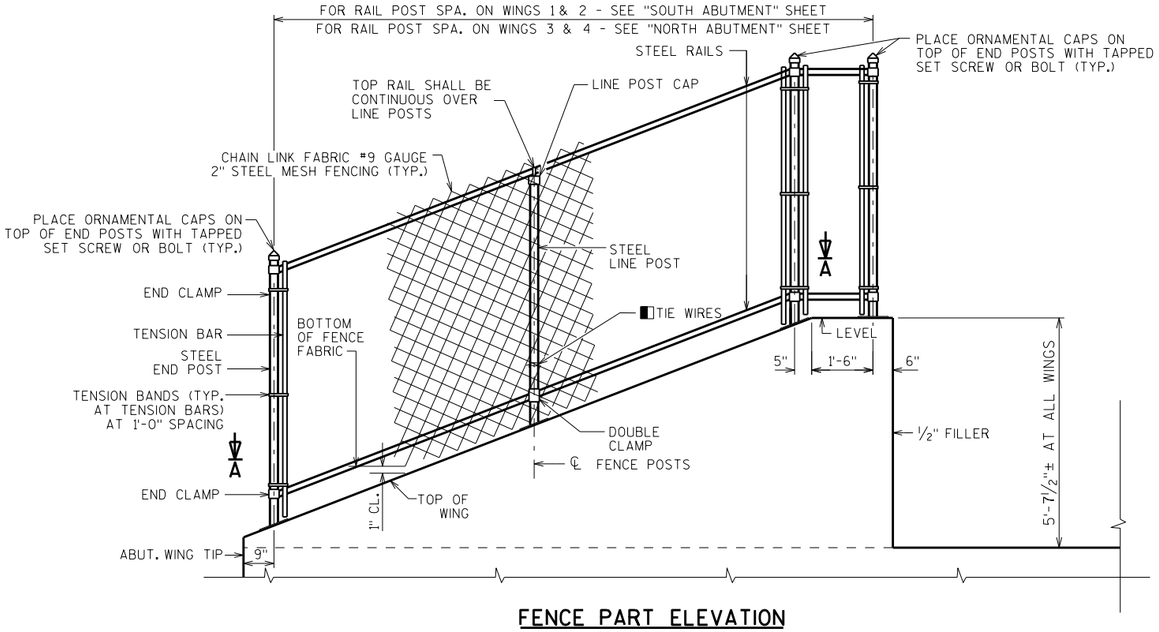
8

STATE PROJECT NUMBER

9200-10-71

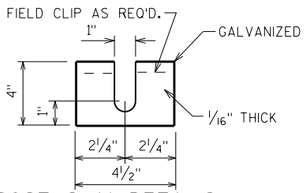
FENCE MEMBER SIZE & WEIGHT

STEEL FENCE MEMBER	OUTSIDE DIAMETER (INCHES)	WEIGHT (LB/FT)
RAILS	1.660	2.27
END POST	2.875	5.80
LINE POST	2.375	3.65
POST SLEEVE	4.000	9.12



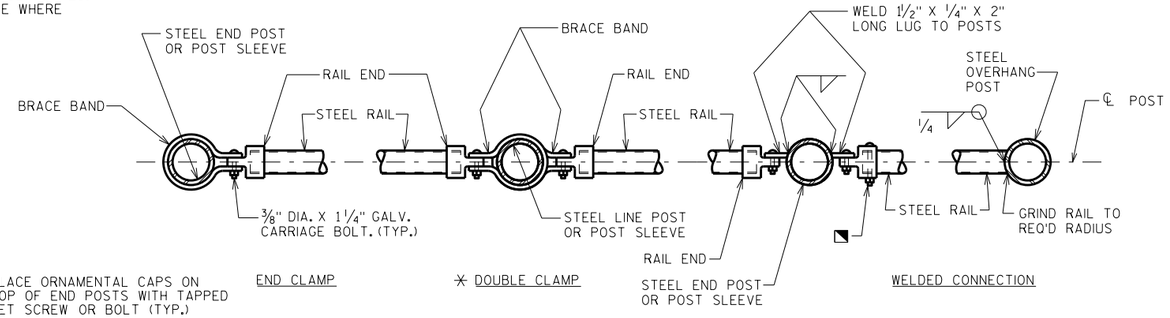
FENCE PART ELEVATION

VIEWING F.F. OF WING
WING 1 SHOWN, OTHERS SIMILAR



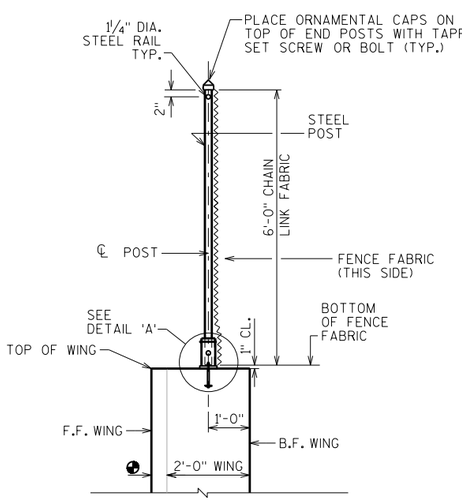
POST SHIM DETAILS

SHIMS REQUIRED ONLY WHEN END POSTS AND LINE POSTS ARE WELDED TO BASE PLATES. PROVIDE 4 SHIMS PER POST. USE WHERE REQUIRED FOR ALIGNMENT.



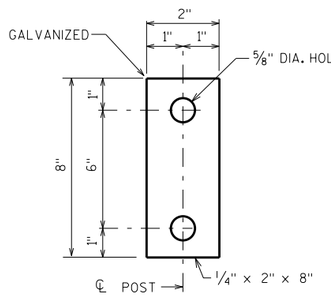
SECTION A-A

NOTE: PLACE ALL BOLT HEADS ON SIDE OF FENCE ADJACENT TO PEDESTRIANS

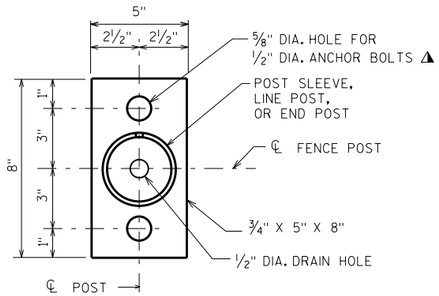


SECTION THRU WING

✪ FORMLINER THICKNESS SEE AESTHETICS SHEET FOR DETAILS



ANCHOR PLATE



BASE PLATE

GENERAL NOTES

POSTS ARE TO BE SET VERTICAL.

ALL FENCE COMPONENTS SHALL BE GALVANIZED STEEL WITH A COLORED POLYMER-COATING ON THE OUTSIDE.

FABRIC SHALL CONFORM TO ASTM F668, CLASS 2B. STEEL RAILS, POSTS AND POST SLEEVES SHALL CONFORM TO ASTM F1083, STANDARD WEIGHT PIPE (SCHEDULE 40). FITTINGS SHALL CONFORM TO ASTM F626. SEE THE "BRIDGE SPECIAL PROVISIONS" FOR ADDITIONAL DETAILS.

THE COLOR OF POLYMER-COATING FOR THIS STRUCTURE SHALL BE BLACK IN ACCORDANCE WITH ASTM F934.

THE BID ITEM SHALL BE "FENCE CHAIN LINK POLYMER-COATED 6-FT.", LF.

COMPLETE ANY REQUIRED WELDING OF COMPONENTS BEFORE GALVANIZING.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

BASE PLATES, ANCHOR PLATES AND SHIMS SHALL BE ASTM A709, GRADE 36.

ALL POST SPACINGS ARE MEASURED HORIZONTALLY ALONG THE C/L OF THE POST.

◪ CAULK AROUND PERIMETER OF BASE PLATE AND FILL PORTION OF SLOTTED HOLE AROUND ANCHOR BOLT IN SHIM WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

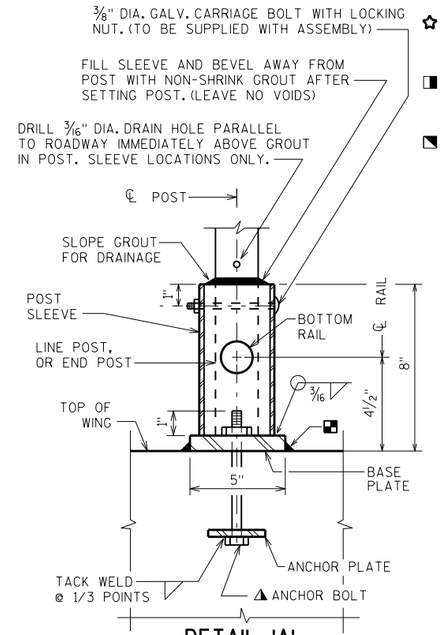
✳ ALTERNATE TO DOUBLE CLAMP: USE LINE RAIL CLAMP (BOULEVARD) OR 180° BRACE BAND, WHICH MAY BE USED WHEN THE POSTS ARE EITHER BOLTED TO THE POST SLEEVES OR DIRECTLY WELDED TO THE BASE PLATE.

◭ ½" DIA. X 6⅞" LONG GALVANIZED HEX BOLT WITH NUT & WASHER. TYPE "S", ½" DIA. CONCRETE MASONRY ANCHORS MAY BE SUBSTITUTED FOR ½" DIA. BOLTS. ANCHOR PLATE NOT REQUIRED WHEN TYPE "S" ANCHORS ARE USED. SEE ✪

✪ MASONRY ANCHOR TYPE S ½-INCH. EMBED 6" IN CONCRETE. ANCHOR, WASHER, AND NUT SHALL BE GALVANIZED.

◨ ATTACH FABRIC TO RAILS, AND TO POSTS WITHOUT TENSION BANDS, WITH TIE WIRES (ROUND, 9-GAGE) SPACED AT 1'-0".

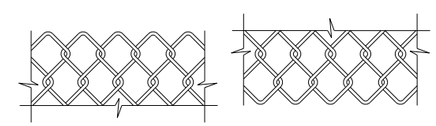
◹ BOLT RAIL TO RAIL END TO SECURE OVERHANG SECTION. ALTERNATE IS TO WELD RAIL DIRECTLY TO END POST.



DETAIL 'A'

UNIT SHALL BE GALVANIZED AFTER FABRICATION

NOTE: IN LIEU OF USING THE POST SLEEVE, THE FENCE POST MAY BE WELDED TO THE BASE PLATE.



TOP DETAIL BOTTOM DETAIL

FENCE FABRIC

FENCE FABRIC WOVEN OF 9-GAGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

FENCING DETAILS

SHEET 19

PRE_610

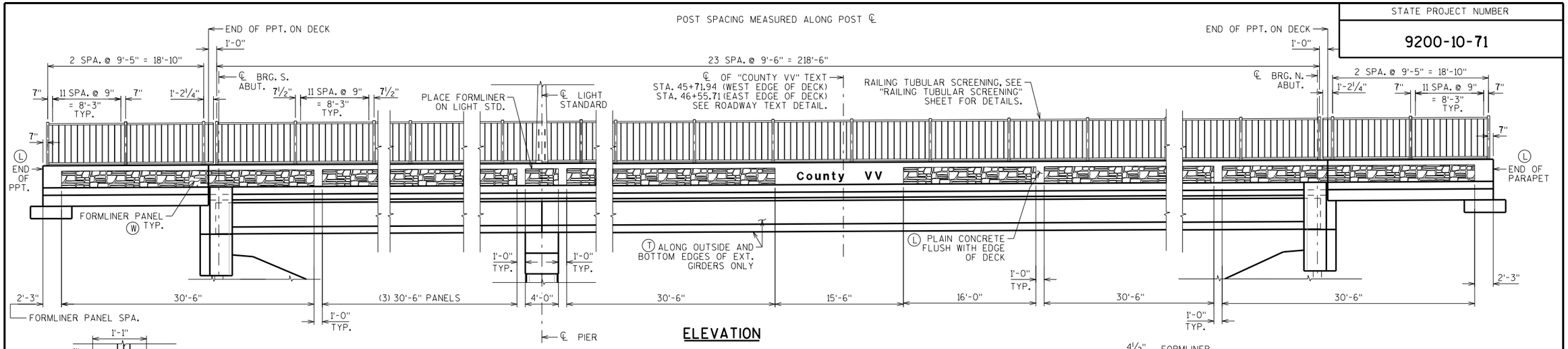
8

8

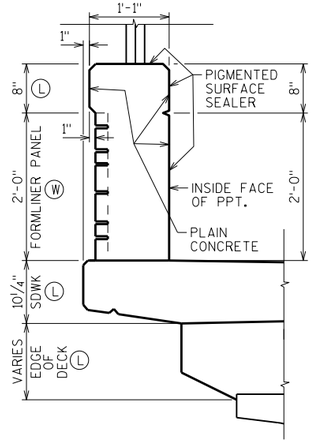
SCALE = 5.33333

STATE PROJECT NUMBER

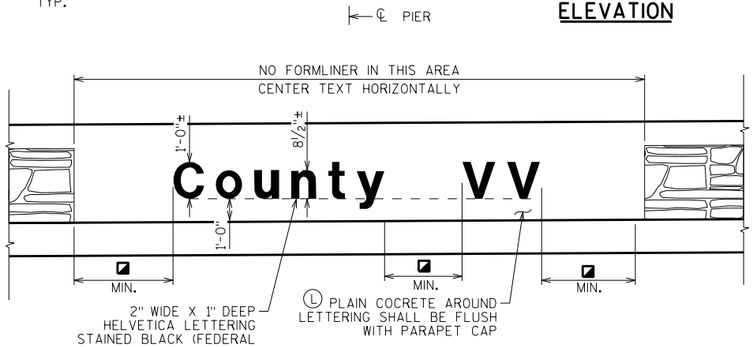
9200-10-71



ELEVATION



PARAPET DETAIL



ROADWAY TEXT DETAIL

◪ 2 LETTER SPACING

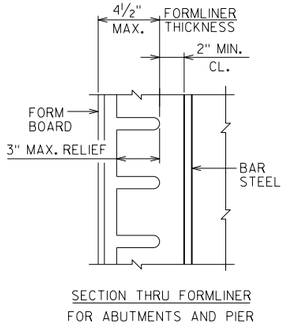
STAINING NOTES

COLOR SAMPLES AND TEST PANEL TO BE APPROVED BY WISDOT PRIOR TO APPLYING STAIN TO STRUCTURE.

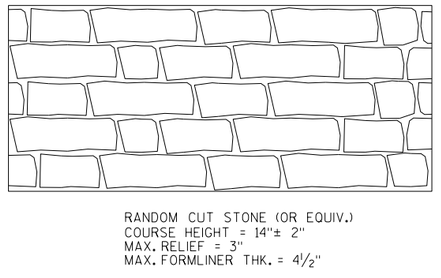
(L) LIGHT TAN STAIN, FS #30315

(T) TAN STAIN, FS #30227

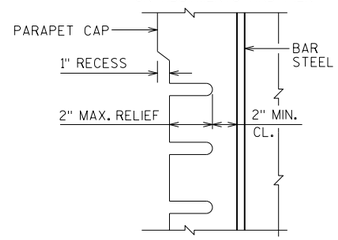
(W) WEATHERED STAIN - SEE STANDARD SPECIAL PROVISION "CONCRETE STAINING MULTI-COLOR B-5-416"



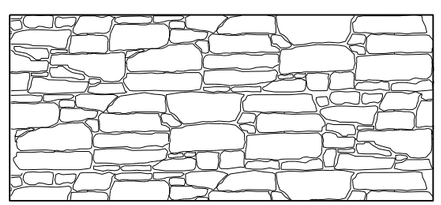
SECTION THRU FORMLINER FOR ABUTMENTS AND PIER



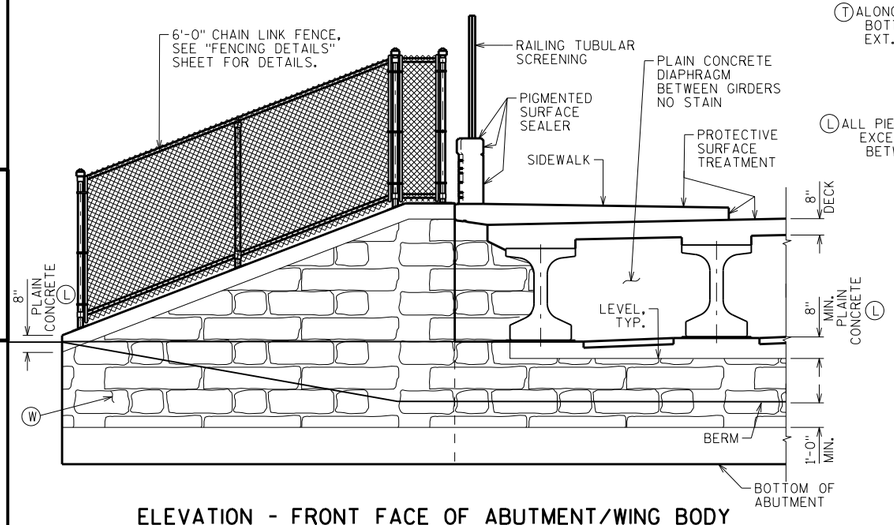
RANDOM CUT STONE (OR EQUIV.)
COURSE HEIGHT = 14"± 2"
MAX. RELIEF = 3"
MAX. FORMLINER THK. = 4½"



SECTION THRU FORMLINER FOR PARAPETS (EXTERIOR FACE)

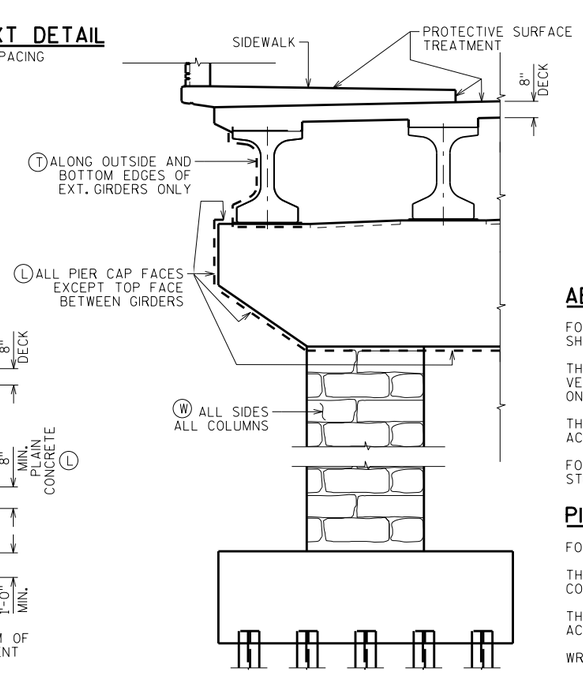


NEW ENGLAND DRYSTACK (OR EQUIV.)
STONE SIZE = 3" - 24"
MAX RELIEF = 2"



ELEVATION - FRONT FACE OF ABUTMENT/WING BODY

WING 1 SHOWN, OTHERS SIMILAR



ELEVATION - PIER COLUMN

COLUMN 1 SHOWN, OTHERS SIMILAR

ABUTMENT NOTES

FORMLINER COURSING ON ABUTMENTS AND WINGS SHALL BE LEVEL.

THE FORMLINER COURSING ON THE WINGS SHALL BE VERTICALLY ALIGNED WITH THE FORMLINER COURSING ON THE FRONT OF THE ABUTMENT.

THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.

FORMLINER ON ABUTMENTS AND WINGS SHALL BE CUT STONE (OR EQUIVALENT) TO LIMITS SHOWN.

PIER NOTES

FORMLINER COURSING ON PIERS SHALL BE LEVEL.

THE FORMLINER COURSING ON ALL FACES OF EACH COLUMN SHALL BE VERTICALLY ALIGNED.

THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.

WRAP AROUND/MATCH FORMLINER PATTERN AT CORNERS.

FORMLINER ON PIER SHALL BE CUT STONE (OR EQUIVALENT) TO LIMITS SHOWN.

FORMLINER DETAILS

PARAPET NOTES

FORMLINER COURSING ON PARAPETS SHALL BE PARALLEL TO TOP OF PARAPET.

FORMLINER ON PARAPET SHALL BE NEW ENGLAND DRYSTACK (OR EQUIVALENT) APPLIED AS PANELS AND SPACED AS SHOWN.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

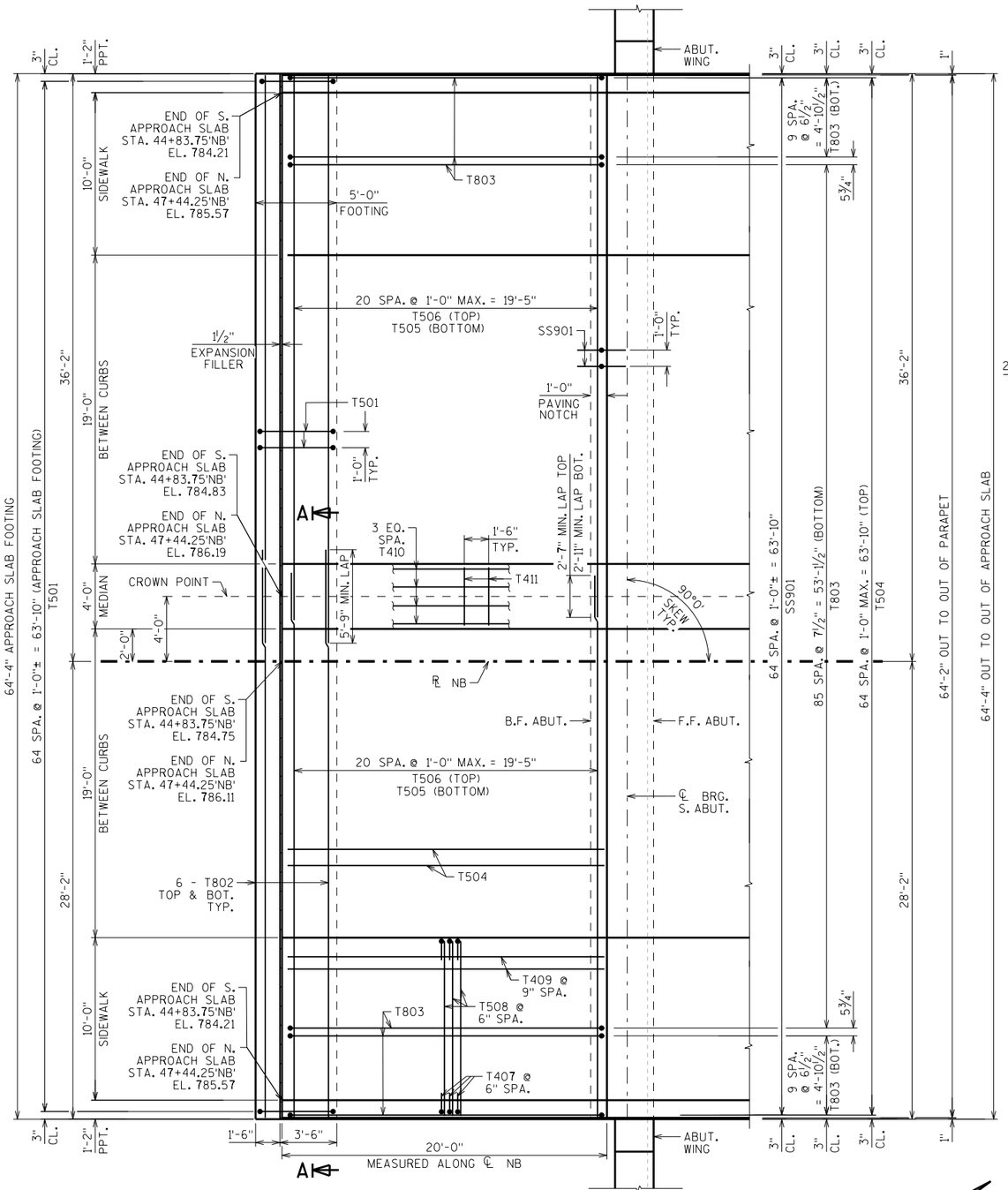
AESTHETICS | SHEET 20

PRE_611

8

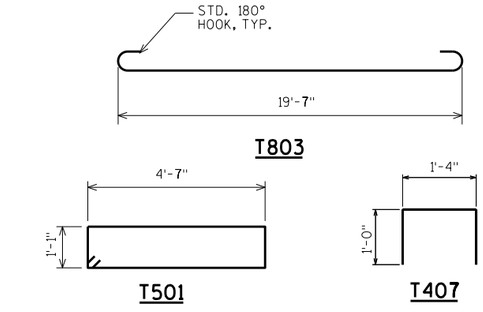
8

SCALE = 6.0



PLAN

SOUTH APPROACH SLAB SHOWN
NORTH APPROACH SLAB SIMILAR



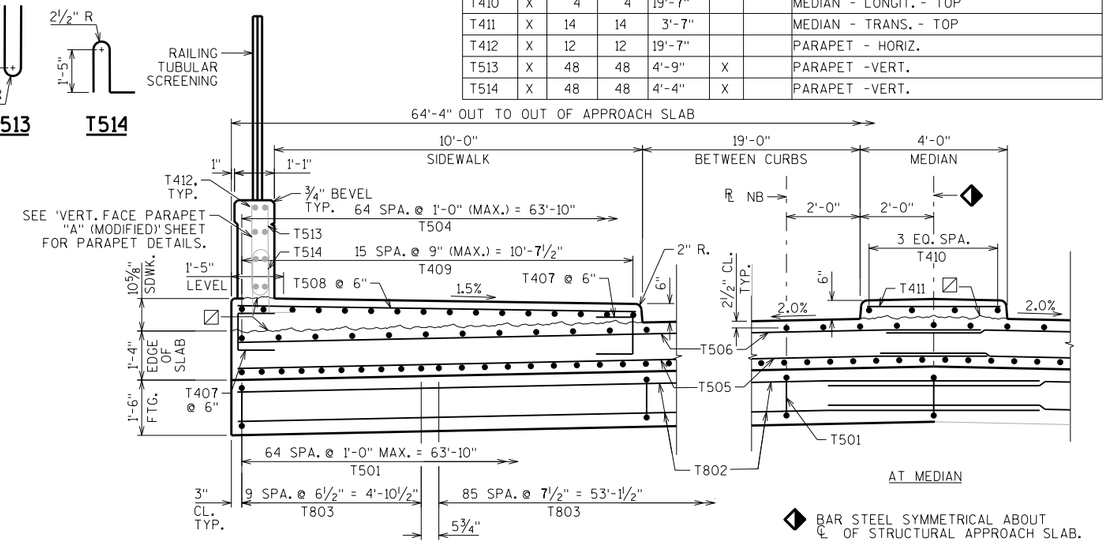
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BILL OF BARS

BAR MARK	COAT	NO. REQ'D S. APP.	NO. REQ'D N. APP.	LENGTH	BENT	BAR SERIES	LOCATION
T501	X	65	65	12'-0"	X		FOOTING - STIRRUP
T802	X	24	24	35'-0"			FOOTING - TRANS. - TOP & BOT.
T803	X	106	106	21'-5"	X		SLAB - LONGIT. - BOT.
T504	X	65	65	19'-7"			SLAB - LONGIT. - TOP
T505	X	42	42	33'-7"			SLAB - TRANS. - BOT.
T506	X	42	42	33'-6"			SLAB - TRANS. - TOP
T407	X	168	168	3'-2"	X		SIDEWALK - TIE BAR
T508	X	80	80	10'-9"			SIDEWALK - TRANS. - TOP
T409	X	32	32	19'-7"			SIDEWALK - LONGIT. TOP
T410	X	4	4	19'-7"			MEDIAN - LONGIT. - TOP
T411	X	14	14	3'-7"			MEDIAN - TRANS. - TOP
T412	X	12	12	19'-7"			PARAPET - HORIZ.
T513	X	48	48	4'-9"	X		PARAPET -VERT.
T514	X	48	48	4'-4"	X		PARAPET -VERT.

STATE PROJECT NUMBER

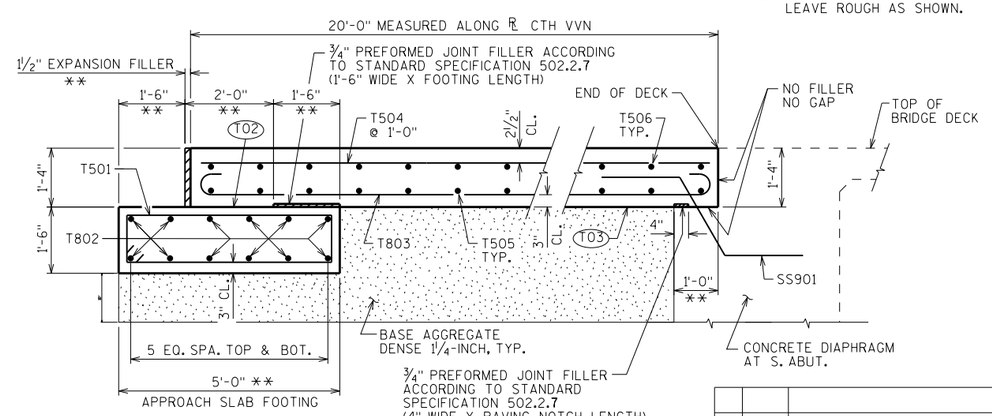
9200-10-71



SECTION A-A

◈ BAR STEEL SYMMETRICAL ABOUT ℄ OF STRUCTURAL APPROACH SLAB.

☒ CONST. JOINT - STRIKE OFF AND LEAVE ROUGH AS SHOWN.



SECTION THRU APPROACH SLAB

APPLY PROTECTIVE SURFACE TREATMENT TO PAVING NOTCH SURFACES PRIOR TO POURING STRUCTURAL APPROACH SLAB.

FOR STAINLESS STEEL, SEE 'SUPERSTRUCTURE DETAILS 2' SHEET FOR BILL OF BARS.

** MEASURED NORMAL TO ABUTMENT.

(T02) STEEL TROWEL TOP SURFACE OF FOOTING AND PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THICKNESS) OF POLYETHELENE SHEETS OVER THE ENTIRE TOP OF FOOTING.

(T03) PLACE MULTIPLE LAYERS (0.03" MIN. TOTAL THICKNESS) OF POLYETHELENE SHEETS OVER THE ENTIRE TOP OF SUBGRADE BENEATH SLAB.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

STRUCTURAL APPROACH SLAB

SHEET 21

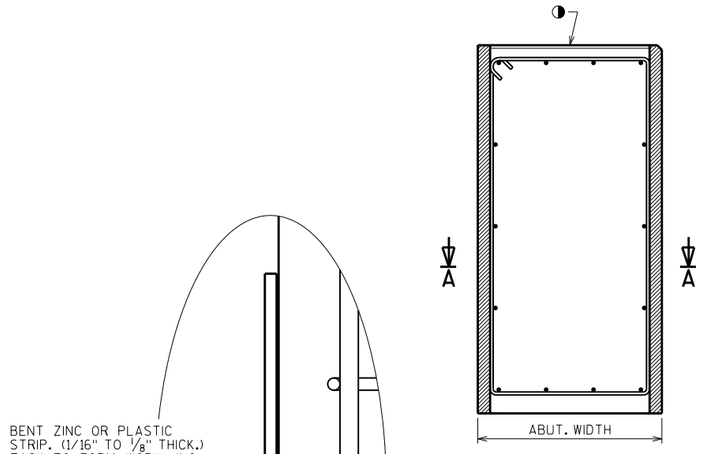
PRE_612

SCALE = 4.0

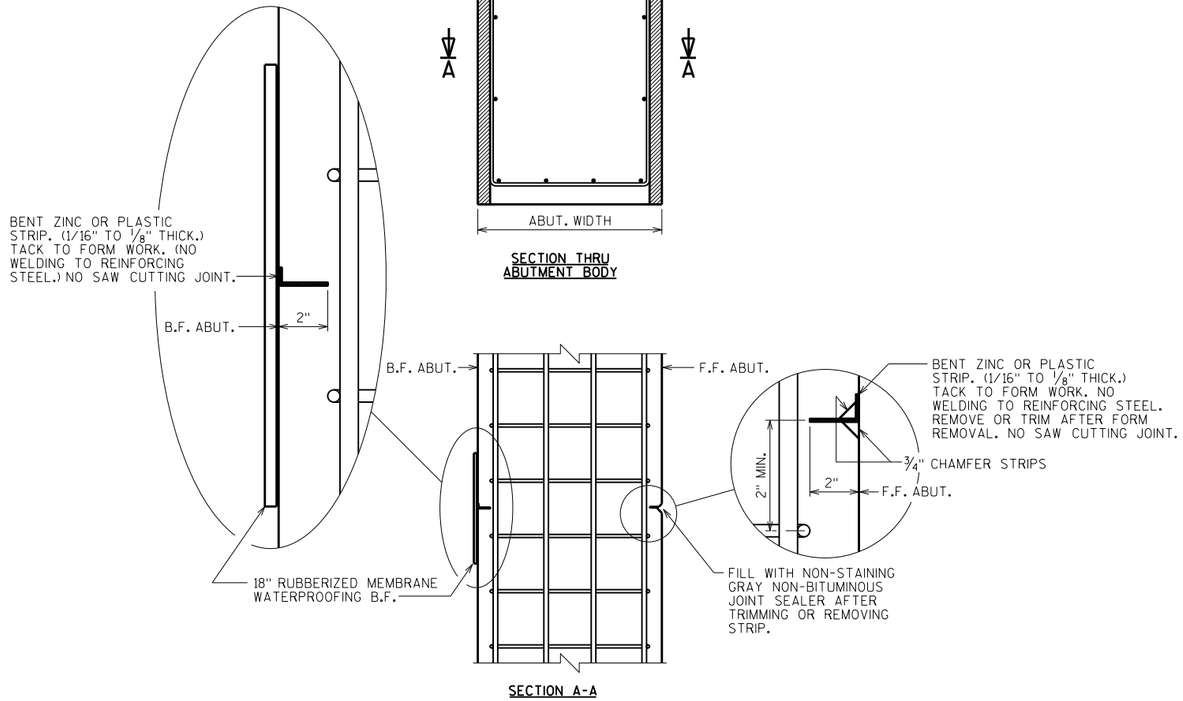
8

8

STATE PROJECT NUMBER
9200-10-71



SECTION THRU ABUTMENT BODY



SECTION A-A

ALTERNATE CONSTRUCTION JOINT AT ABUTMENT

SAW CUTTING THE CONSTRUCTION JOINT IS NOT ALLOWED.

NOTES

PARTIAL ZINC OR PLASTIC BULKHEAD MAY BE USED AS ALTERNATE CONSTRUCTION JOINT, WITH THE PERMISSION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

VERTICAL CONSTRUCTION JOINT KEYWAY IS NOT REQUIRED WHEN USING ALTERNATE CONSTRUCTION JOINT.

CARE IS TO BE USED IN CASTING CONCRETE AROUND BULKHEAD TO PREVENT DISLOCATION OR MISALIGNMENT OF THE BULKHEAD.

◑ USE A JOINT TOOL TO CONSTRUCT A CONTRACTION JOINT APPROXIMATELY 1/2" DEEP.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-5-416

DRAWN BY SAD | PLANS CK'D. JJS

ALTERNATE CONSTRUCTION JOINT

SHEET 22

PRE_613

SCALE = 1.0

8

8

Stage 1 -- Cty VV - NB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
38+00	2	0	2044	86	164	160	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38+50	2	0	2374	98	168	164	84	4	0	4,091	170	307	300	154	4	3,637	170	307	300	154	170	154	-3,634
39+00	3	0	2744	111	176	172	88	4	0	4,739	194	319	311	159	8	7,906	364	626	611	313	364	313	-7,898
39+50	5	0	3088	116	182	178	91	7	0	5,400	210	331	324	166	15	12,816	574	957	935	479	574	479	-12,801
40+00	4	0	3397	120	188	184	94	8	0	6,004	219	343	335	171	23	18,314	793	1,300	1,270	650	793	650	-18,291
40+50	3	0	3656	124	194	190	97	6	0	6,531	226	354	346	177	29	24,321	1,019	1,654	1,617	827	1,019	827	-24,292
41+00	4	0	3938	135	198	194	99	7	0	7,032	240	363	356	181	36	30,816	1,258	2,017	1,972	1,008	1,258	1,008	-30,780
41+50	0	0	2431	92	108	106	54	4	0	5,898	210	283	278	142	40	36,294	1,469	2,300	2,250	1,150	1,469	1,150	-36,254
41+75	0	0	2532	83	126	124	63	0	0	2,298	81	108	106	54	40	38,431	1,550	2,408	2,356	1,204	1,550	1,204	-38,391
43+57	0	0	2516	68	116	114	58	0	0	0	0	0	0	0	40	38,431	1,550	2,408	2,356	1,204	1,550	1,204	-38,391
44+00	0	0	2210	68	98	96	49	0	0	3,763	108	170	167	85	40	41,942	1,658	2,579	2,524	1,289	1,658	1,289	-41,901
44+50	0	0	4043	126	194	190	97	0	0	5,790	180	270	265	135	40	47,331	1,837	2,849	2,789	1,425	1,837	1,425	-47,291
45+03	0	0	3152	81	202	198	101	0	0	7,061	203	389	381	194	40	53,817	2,041	3,238	3,169	1,619	2,041	1,619	-53,777
								40	0	58,606	2,041	3,238	3,169	1,619									

Stage 1 -- Cty VV - SB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
41+36	4	0	2152	61	112	110	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41+63	3	0	2435	69	124	122	61	3	0	2,294	65	118	116	59	3	2,119	65	118	116	59	65	59	-2,116
43+44	0	0	2433	63	126	124	63	0	0	0	0	0	0	0	3	2,119	65	118	116	59	65	59	-2,116
43+84	0	0	2211	64	106	104	53	0	0	3,440	94	172	169	86	3	5,304	159	290	285	144	159	144	-5,301
								3	0	5,733	159	290	285	144									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- RAB CTH VV & EB Ramps

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
20+00	0	0	3504	56	212	210	106	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
20+25	0	0	3406	0	272	272	136	0	0	3,199	26	224	223	112	0	2,864	26	224	223	112	26	112	-2,864
20+50	0	0	3496	0	280	280	140	0	0	3,196	0	256	256	128	0	5,676	26	480	479	240	26	240	-5,676
20+75	0	0	3745	65	224	222	112	0	0	3,352	30	233	232	117	0	8,679	56	713	711	356	56	356	-8,679
21+00	0	0	2520	0	202	202	101	0	0	2,900	30	197	196	99	0	11,285	86	910	907	455	86	455	-11,285
21+25	0	0	2176	2	174	174	87	0	0	2,174	1	174	174	87	0	13,198	87	1,084	1,081	542	87	542	-13,198
21+50	0	0	3008	0	234	232	117	0	0	2,400	1	189	188	94	0	15,315	88	1,273	1,269	637	88	637	-15,315
21+75	0	0	4060	77	236	234	118	0	0	3,272	36	218	216	109	0	18,263	124	1,491	1,485	745	124	745	-18,263
22+00	0	0	3263	0	264	264	132	0	0	3,391	36	231	231	116	0	21,308	159	1,722	1,716	861	159	861	-21,308
22+25	0	0	2878	8	212	210	106	0	0	2,843	4	220	219	110	0	23,821	163	1,943	1,935	971	163	971	-23,821
22+50	0	0	3032	13	214	212	107	0	0	2,736	10	197	195	99	0	26,263	173	2,140	2,131	1,070	173	1,070	-26,263
22+75	0	0	3001	0	236	236	118	0	0	2,793	6	208	207	104	0	28,745	179	2,348	2,338	1,174	179	1,174	-28,745
23+00	0	0	2168	0	168	168	84	0	0	2,393	0	187	187	94	0	30,857	179	2,535	2,525	1,268	179	1,268	-30,857
23+25	0	0	2677	0	212	212	106	0	0	2,243	0	176	176	88	0	32,836	179	2,711	2,701	1,356	179	1,356	-32,836
23+50	0	0	3544	0	214	212	107	0	0	2,880	0	197	196	99	0	35,421	179	2,908	2,897	1,454	179	1,454	-35,421
23+64.42	0	0	3504	56	212	210	106	0	0	1,882	15	114	113	57	0	37,134	194	3,022	3,010	1,511	194	1,511	-37,134
								0	0	41,655	194	3,022	3,010	1,511									

Stage 1 -- RAB Marley St & WB Ramps

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
30+00	0	0	3861	55	220	218	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30+25	0	0	3620	37	216	214	108	0	0	3,464	43	202	200	101	0	3,163	43	202	200	101	43	101	-3,163
30+50	0	0	3455	0	260	260	130	0	0	3,276	17	220	219	110	0	6,109	60	422	419	211	60	211	-6,109
30+75	0	0	3703	16	250	248	125	0	0	3,314	7	236	235	118	0	9,070	67	658	655	329	67	329	-9,070
31+00	0	0	3931	56	230	228	115	0	0	3,535	33	222	220	111	0	12,273	100	881	875	440	100	440	-12,273
31+25	0	0	2589	0	198	198	99	0	0	3,019	26	198	197	99	0	14,995	126	1,079	1,072	539	126	539	-14,995
31+50	0	0	2351	0	178	178	89	0	0	2,287	0	174	174	87	0	17,021	126	1,253	1,246	626	126	626	-17,021
31+75	0	0	3249	6	234	232	117	0	0	2,593	3	191	190	95	0	19,328	129	1,444	1,436	722	129	722	-19,328
32+00	0	0	4209	67	240	238	120	0	0	3,453	34	219	218	110	0	22,454	163	1,663	1,654	831	163	831	-22,454
32+25	0	0	3610	0	266	266	133	0	0	3,620	31	234	233	117	0	25,723	194	1,897	1,887	949	194	949	-25,723
32+50	0	0	3253	8	218	216	109	0	0	3,177	4	224	223	112	0	28,565	198	2,121	2,110	1,061	198	1,061	-28,565
32+75	0	0	3458	11	226	224	113	0	0	3,107	9	206	204	103	0	31,365	206	2,327	2,314	1,163	206	1,163	-31,365
33+00	0	0	2904	0	208	208	104	0	0	2,945	5	201	200	100	0	34,010	212	2,528	2,514	1,264	212	1,264	-34,010
33+25	0	0	2421	0	174	174	87	0	0	2,466	0	177	177	88	0	36,210	212	2,705	2,691	1,352	212	1,352	-36,210
33+50	0	0	3212	0	234	234	117	0	0	2,608	0	189	189	94	0	38,535	212	2,894	2,880	1,447	212	1,447	-38,535
33+64.42	0	0	3861	55	220	218	110	0	0	1,889	15	121	121	61	0	40,243	226	3,015	3,000	1,507	226	1,507	-40,243
								0	0	44,750	226	3,015	3,000	1,507									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Marley St - NB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
47+25	0	0	3964	87	206	202	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47+50	0	0	4009	95	208	204	104	0	0	3,691	84	192	188	96	0	3,408	84	192	188	96	84	96	-3,408
48+00	0	0	4811	136	204	200	102	0	0	8,167	214	381	374	191	0	11,010	298	573	562	287	298	287	-11,010
48+50	0	0	2592	64	122	120	61	0	0	6,854	185	302	296	151	0	17,417	483	875	858	438	483	438	-17,417
48+65	0	0	2706	65	134	132	67	0	0	1,471	36	71	70	36	0	18,783	519	946	928	473	519	473	-18,783
50+50	0	0	2541	65	134	132	67	0	0	0	0	0	0	0	0	18,783	519	946	928	473	519	473	-18,783
51+00	0	0	2069	62	104	102	51	0	0	4,268	118	220	217	109	0	22,725	637	1,166	1,145	582	637	582	-22,725
51+50	20	0	3812	121	204	200	102	18	0	5,445	169	285	280	142	18	27,749	806	1,452	1,425	724	806	724	-27,731
52+00	10	0	3429	113	192	188	96	27	0	6,705	217	367	359	183	46	33,912	1,023	1,818	1,784	907	1,023	907	-33,866
52+50	4	0	3089	108	184	180	92	12	0	6,036	205	348	341	174	58	39,432	1,228	2,166	2,125	1,081	1,228	1,081	-39,375
53+00	1	0	2728	105	176	172	88	5	0	5,386	197	333	326	167	63	44,325	1,425	2,500	2,451	1,248	1,425	1,248	-44,263
53+50	2	0	2389	97	170	166	85	3	0	4,738	187	320	313	160	66	48,590	1,612	2,820	2,764	1,408	1,612	1,408	-48,524
54+00	8	0	2088	90	164	160	82	10	0	4,145	173	309	302	155	76	52,279	1,785	3,129	3,065	1,563	1,785	1,563	-52,203
								76	0	56,907	1,785	3,129	3,065	1,563									

Stage 1 -- Marley St - SB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
48+35	0	0	2723	73	120	118	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48+52	0	0	2968	84	132	130	65	0	0	1,792	49	79	78	39	0	1,674	49	79	78	39	49	39	-1,674
50+33	0	0	2609	74	130	128	64	0	0	0	0	0	0	0	0	1,674	49	79	78	39	49	39	-1,674
50+79	4	0	2362	87	104	106	53	3	0	4,235	137	199	199	100	3	5,610	187	279	277	139	187	139	-5,607
								3	0	6,027	187	279	277	139									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- CTH TS - EB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Unusable Pavement Material Note 2	Fill Note 3	Topsoil EBS Note 4	Select Crushed Material Note 5	Select Borrow Note 6	EBS Note 7	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.00 Note 8	Expanded Topsoil EBS Backfill 1.00 Note 4	Expanded Select Crushed Mat 1.00	Expanded Select Borrow 1.00	Expanded EBS Backfill 1.00 Note 6	Reduced Topsoil EBS in Fill 1.00 Note 4	Reduced EBS in Fill 1.00 Note 8	Mass Ordinate Note 9
100+18	0	0	365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100+50	0	0	298	0	0	0	0	0	0	393	0	0	0	0	0	393	0	0	0	0	0	0	-393
101+00	0	0	578	0	0	0	0	0	0	812	0	0	0	0	0	1,205	0	0	0	0	0	0	-1,205
101+50	0	0	575	0	0	0	0	0	0	1,068	0	0	0	0	0	2,273	0	0	0	0	0	0	-2,273
102+00	0	0	571	0	0	0	0	0	0	1,062	0	0	0	0	0	3,334	0	0	0	0	0	0	-3,334
102+50	0	0	548	0	0	0	0	0	0	1,037	0	0	0	0	0	4,371	0	0	0	0	0	0	-4,371
103+00	0	0	523	0	0	0	0	0	0	992	0	0	0	0	0	5,363	0	0	0	0	0	0	-5,363
103+50	0	0	491	0	0	0	0	0	0	939	0	0	0	0	0	6,303	0	0	0	0	0	0	-6,303
104+00	0	0	487	0	0	0	0	0	0	906	0	0	0	0	0	7,209	0	0	0	0	0	0	-7,209
104+50	0	0	473	0	0	0	0	0	0	889	0	0	0	0	0	8,097	0	0	0	0	0	0	-8,097
105+00	0	0	524	0	0	0	0	0	0	923	0	0	0	0	0	9,020	0	0	0	0	0	0	-9,020
105+50	0	0	565	0	0	0	0	0	0	1,009	0	0	0	0	0	10,029	0	0	0	0	0	0	-10,029
106+00	0	0	580	0	0	0	0	0	0	1,060	0	0	0	0	0	11,089	0	0	0	0	0	0	-11,089
106+50	0	0	629	0	0	0	0	0	0	1,119	0	0	0	0	0	12,208	0	0	0	0	0	0	-12,208
107+00	0	0	823	0	0	0	0	0	0	1,344	0	0	0	0	0	13,552	0	0	0	0	0	0	-13,552
107+50	0	0	1021	0	0	0	0	0	0	1,707	0	0	0	0	0	15,260	0	0	0	0	0	0	-15,260
108+00	0	0	889	0	0	0	0	0	0	1,768	0	0	0	0	0	17,028	0	0	0	0	0	0	-17,027
108+50	4	0	589	0	0	0	0	4	0	1,368	0	0	0	0	4	18,396	0	0	0	0	0	0	-18,391
109+00	2	0	494	0	0	0	0	5	0	1,003	0	0	0	0	10	19,398	0	0	0	0	0	0	-19,389
109+50	6	0	374	0	0	0	0	8	0	804	0	0	0	0	17	20,203	0	0	0	0	0	0	-20,185
110+00	5	0	286	0	0	0	0	11	0	612	0	0	0	0	28	20,814	0	0	0	0	0	0	-20,786
110+50	10	0	225	0	0	0	0	14	0	474	0	0	0	0	42	21,288	0	0	0	0	0	0	-21,246
111+00	20	0	132	0	0	0	0	28	0	331	0	0	0	0	70	21,618	0	0	0	0	0	0	-21,549
111+50	65	0	74	0	0	0	0	79	0	191	0	0	0	0	149	21,809	0	0	0	0	0	0	-21,660
112+00	79	0	51	0	0	0	0	133	0	116	0	0	0	0	282	21,925	0	0	0	0	0	0	-21,643
112+50	115	0	18	0	0	0	0	179	0	65	0	0	0	0	461	21,990	0	0	0	0	0	0	-21,529
113+00	148	0	4	0	0	0	0	243	0	21	0	0	0	0	704	22,010	0	0	0	0	0	0	-21,306
113+50	134	0	12	0	0	0	0	261	0	14	0	0	0	0	965	22,025	0	0	0	0	0	0	-21,060
114+00	130	0	19	0	0	0	0	245	0	28	0	0	0	0	1,209	22,053	0	0	0	0	0	0	-20,844
114+50	115	0	27	0	0	0	0	226	0	43	0	0	0	0	1,436	22,095	0	0	0	0	0	0	-20,660
115+00(1)	97	0	39	0	0	0	0	196	0	61	0	0	0	0	1,632	22,157	0	0	0	0	0	0	-20,525
115+00(2)	76	0	50	0	0	0	0	136	0	70	0	0	0	0	1,767	22,227	0	0	0	0	0	0	-20,459
115+50	87	0	35	0	0	0	0	151	0	79	0	0	0	0	1,918	22,306	0	0	0	0	0	0	-20,387
116+00	130	0	6	0	0	0	0	201	0	38	0	0	0	0	2,119	22,344	0	0	0	0	0	0	-20,225
116+50	211	0	0	0	0	0	0	316	0	6	0	0	0	0	2,435	22,349	0	0	0	0	0	0	-19,914
117+00	181	0	3	0	0	0	0	363	0	3	0	0	0	0	2,799	22,352	0	0	0	0	0	0	-19,554
117+50	132	0	9	0	0	0	0	290	0	11	0	0	0	0	3,088	22,363	0	0	0	0	0	0	-19,275
118+00	95	0	19	0	0	0	0	210	0	27	0	0	0	0	3,298	22,390	0	0	0	0	0	0	-19,092
118+50	80	0	35	0	0	0	0	162	0	50	0	0	0	0	3,460	22,440	0	0	0	0	0	0	-18,980
119+00	102	0	27	0	0	0	0	168	0	57	0	0	0	0	3,628	22,497	0	0	0	0	0	0	-18,869
119+50	154	0	8	0	0	0	0	237	0	32	0	0	0	0	3,865	22,529	0	0	0	0	0	0	-18,664
119+75	140	0	3	0	0	0	0	136	0	5	0	0	0	0	4,002	22,533	0	0	0	0	0	0	-18,532
120+00	0	0	0	0	0	0	0	65	0	1	0	0	0	0	4,067	22,535	0	0	0	0	0	0	-18,468
								4,067	0	22,535	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- CTH TS - WB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
100+14	0	0	429	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
100+43	0	0	369	0	0	0	0	0	0	429	0	0	0	0	0	429	0	0	0	0	0	0	-429
								0	0	429	0	0	0	0									

Stage 1 -- Ramp A

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
206+00	18	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
206+50	10	0	181	2	102	98	51	25	0	286	2	94	91	47	25	148	2	94	91	47	2	47	-123
207+00	11	0	252	2	102	98	51	19	0	401	4	189	181	94	45	273	6	283	272	142	6	142	-228
207+50	19	0	351	12	108	104	54	28	0	558	13	194	187	97	73	547	19	478	459	239	19	239	-474
208+00	19	0	491	22	114	110	57	35	0	779	31	206	198	103	108	1,025	50	683	657	342	50	342	-917
208+50	18	0	674	33	120	116	60	35	0	1,078	51	217	209	108	143	1,786	101	900	867	450	101	450	-1,643
209+00	0	0	830	43	124	120	62	17	0	1,392	70	226	219	113	160	2,847	171	1,126	1,085	563	171	563	-2,687
209+50	0	0	947	46	128	124	64	0	0	1,646	82	233	226	117	160	4,150	254	1,359	1,311	680	254	680	-3,990
210+00	0	0	1086	49	130	126	65	0	0	1,882	88	239	231	119	160	5,681	342	1,598	1,543	799	342	799	-5,521
210+50	0	0	1199	50	136	132	68	0	0	2,115	92	246	239	123	160	7,435	433	1,844	1,781	922	433	922	-7,274
211+00	0	0	1377	50	142	138	71	0	0	2,385	93	257	250	129	160	9,441	526	2,102	2,031	1,051	526	1,051	-9,281
211+50	0	0	1582	56	148	144	74	0	0	2,740	98	269	261	134	160	11,785	624	2,370	2,293	1,185	624	1,185	-11,625
212+00	0	0	1783	60	152	148	76	0	0	3,116	107	278	270	139	160	14,492	731	2,648	2,563	1,324	731	1,324	-14,331
212+50	0	0	1994	69	156	152	78	0	0	3,497	119	285	278	143	160	17,568	851	2,933	2,841	1,467	851	1,467	-17,408
213+00	0	0	2188	74	160	156	80	0	0	3,871	132	293	285	146	160	21,008	983	3,226	3,126	1,613	983	1,613	-20,848
213+50	0	0	2430	80	166	162	83	0	0	4,276	143	302	294	151	161	24,838	1,126	3,528	3,420	1,764	1,126	1,764	-24,678
214+00	0	0	2643	85	170	166	85	0	0	4,697	153	311	304	156	161	29,077	1,279	3,839	3,724	1,919	1,279	1,919	-28,916
214+50	0	0	2835	91	174	170	87	1	0	5,072	163	319	311	159	161	33,678	1,442	4,157	4,035	2,079	1,442	2,079	-33,517
215+00	0	0	2942	94	172	168	86	0	0	5,348	171	320	313	160	162	38,554	1,613	4,478	4,348	2,239	1,613	2,239	-38,392
215+50	3	0	3162	112	148	144	74	3	0	5,652	191	296	289	148	165	43,768	1,804	4,774	4,637	2,387	1,804	2,387	-43,604
215+95	0	0	3567	151	144	140	72	3	0	5,608	219	243	237	122	167	49,018	2,023	5,017	4,874	2,509	2,023	2,509	-48,851
								167	0	56,400	2,023	5,017	4,874	2,509									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Ramp B

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
300+50	0	0	4811	121	146	142	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
301+00	0	0	3589	109	182	178	91	0	0	7,778	213	304	296	152	0	7,329	213	304	296	152	213	152	-7,329
301+50	5	0	3160	96	182	178	91	5	0	6,249	190	337	330	169	5	13,080	403	641	626	320	403	320	-13,076
302+00	1	0	2997	93	180	176	90	5	0	5,701	175	335	328	168	10	18,286	578	976	954	488	578	488	-18,276
302+50	4	0	2839	90	178	174	89	5	0	5,404	169	331	324	166	15	23,200	747	1,307	1,278	654	747	654	-23,185
303+00	2	0	2621	83	172	168	86	5	0	5,055	160	324	317	162	20	27,776	907	1,631	1,594	816	907	816	-27,756
303+50	3	0	2387	78	166	162	83	4	0	4,637	149	313	306	156	24	31,951	1,056	1,944	1,900	972	1,056	972	-31,927
304+00	2	0	2152	72	162	158	81	4	0	4,202	139	304	296	152	29	35,705	1,195	2,248	2,196	1,124	1,195	1,124	-35,677
304+50	2	0	1928	67	156	152	78	4	0	3,778	129	294	287	147	32	39,049	1,324	2,543	2,483	1,271	1,324	1,271	-39,017
305+00	0	0	1702	63	152	148	76	2	0	3,361	120	285	278	143	34	41,990	1,444	2,828	2,761	1,414	1,444	1,414	-41,956
305+50	0	0	1454	53	144	140	72	0	0	2,922	107	274	267	137	34	44,508	1,552	3,102	3,028	1,551	1,552	1,551	-44,474
306+00	0	0	1217	44	138	134	69	0	0	2,473	90	261	254	131	34	46,597	1,642	3,363	3,281	1,681	1,642	1,681	-46,564
306+50	0	0	911	35	128	124	64	0	0	1,971	73	246	239	123	34	48,206	1,715	3,609	3,520	1,805	1,715	1,805	-48,172
307+00	0	26	675	37	118	114	59	0	24	1,469	67	228	220	114	34	49,341	1,781	3,837	3,741	1,919	1,781	1,919	-49,331
307+50	0	0	580	33	116	112	58	0	24	1,162	65	217	209	108	34	50,186	1,846	4,054	3,950	2,027	1,846	2,027	-50,200
308+00	2	0	472	34	108	104	54	2	0	974	62	207	200	104	36	50,856	1,908	4,261	4,150	2,131	1,908	2,131	-50,868
308+50	2	0	363	28	106	102	53	3	0	773	57	198	191	99	39	51,338	1,966	4,459	4,341	2,230	1,966	2,230	-51,347
309+00	5	0	291	31	104	100	52	7	0	605	55	194	187	97	46	51,659	2,020	4,654	4,528	2,327	2,020	2,327	-51,661
309+50	5	0	235	31	102	98	51	10	0	487	57	191	183	95	56	51,867	2,078	4,844	4,711	2,422	2,078	2,422	-51,860
310+00	10	0	190	12	102	98	51	14	0	394	40	189	181	94	70	51,985	2,118	5,033	4,893	2,517	2,118	2,517	-51,963
310+50	10	0	160	0	0	0	0	18	0	324	11	94	91	47	88	52,171	2,129	5,128	4,983	2,564	2,129	2,564	-52,131
311+00	10	0	127	0	0	0	0	18	0	265	0	0	0	0	106	52,436	2,129	5,128	4,983	2,564	2,129	2,564	-52,378
								106	48	59,983	2,129	5,128	4,983	2,564									

Stage 1 -- Ramp-C

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
400+55	0	0	4068	154	152	148	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
401+00	0	0	3329	105	152	148	76	0	0	6,164	216	253	247	127	0	5,791	216	253	247	127	216	127	-5,791
401+50	0	0	2958	87	170	166	85	0	0	5,821	178	298	291	149	0	11,172	394	551	537	276	394	276	-11,172
402+00	0	0	2778	84	174	170	87	0	0	5,311	158	319	311	159	0	16,013	552	870	849	435	552	435	-16,013
								0	0	17,296	552	870	849	435									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Ramp-D

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
514+00	20	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
514+50	10	0	156	8	96	92	48	28	0	233	7	89	85	44	28	103	7	89	85	44	7	44	-75
515+00	5	0	214	15	98	94	49	15	0	343	21	180	172	90	43	184	29	269	257	134	29	134	-141
515+50	3	0	258	19	100	96	50	8	0	437	31	183	176	92	51	353	60	452	433	226	60	226	-302
516+00	4	0	333	23	104	100	52	6	0	548	39	189	181	94	57	625	99	641	615	320	99	320	-568
516+50	2	0	436	28	110	106	55	5	0	712	47	198	191	99	63	1,047	146	839	806	419	146	419	-985
517+00	3	0	553	33	114	110	57	5	0	915	56	207	200	104	67	1,659	203	1,046	1,006	523	203	523	-1,592
517+50	3	0	721	39	120	116	60	5	0	1,179	67	217	209	108	73	2,520	269	1,263	1,215	631	269	631	-2,448
518+00	13	0	861	42	126	122	63	14	0	1,464	75	228	220	114	87	3,650	344	1,491	1,435	745	344	745	-3,563
518+50	2	0	1,099	48	134	130	67	14	0	1,814	83	241	233	120	101	5,111	428	1,731	1,669	866	428	866	-5,010
519+00	1	0	1,322	51	140	136	70	4	0	2,242	92	254	246	127	105	6,979	519	1,985	1,915	993	519	993	-6,875
519+50	1	0	1,523	57	146	142	73	2	0	2,634	100	265	257	132	107	9,224	619	2,250	2,172	1,125	619	1,125	-9,117
520+00	1	0	1,699	61	152	148	76	2	0	2,983	109	276	269	138	109	11,801	729	2,526	2,441	1,263	729	1,263	-11,692
520+50	1	0	1,916	66	156	152	78	2	0	3,347	118	285	278	143	112	14,728	846	2,811	2,719	1,406	846	1,406	-14,616
521+00	7	0	2,161	71	162	158	81	7	0	3,775	127	294	287	147	119	18,068	973	3,106	3,006	1,553	973	1,553	-17,949
521+50	11	0	2,385	76	168	164	84	16	0	4,209	136	306	298	153	135	21,826	1,109	3,411	3,304	1,706	1,109	1,706	-21,691
522+00	4	0	2,616	82	172	168	86	14	0	4,631	146	315	307	157	149	25,992	1,256	3,726	3,611	1,863	1,256	1,863	-25,843
522+50	2	0	2,810	86	176	172	88	5	0	5,024	156	322	315	161	154	30,540	1,411	4,048	3,926	2,024	1,411	2,024	-30,386
523+00	1	0	2,972	89	180	176	90	3	0	5,353	162	330	322	165	157	35,406	1,573	4,378	4,248	2,189	1,573	2,189	-35,249
523+50	1	0	3,145	92	184	180	92	2	0	5,664	168	337	330	169	159	40,571	1,741	4,715	4,578	2,357	1,741	2,357	-40,413
524+00	0	0	3,300	96	186	182	93	1	0	5,967	174	343	335	171	160	46,032	1,915	5,057	4,913	2,529	1,915	2,529	-45,873
524+50	2	0	3,562	113	188	184	94	2	0	6,354	194	346	339	173	162	51,874	2,108	5,404	5,252	2,702	2,108	2,702	-51,712
525+00	7	0	4,096	123	170	174	87	9	0	7,091	219	331	331	168	171	58,466	2,327	5,735	5,583	2,869	2,327	2,869	-58,295
525+30	10	0	4,917	134	158	154	79	10	0	5,007	143	182	182	92	180	63,199	2,470	5,917	5,766	2,962	2,470	2,962	-63,019
								180	0	71,926	2,470	5,917	5,766	2,962									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Evergreen Ave - EB

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
600+18	10	0	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600+50	13	0	28	0	0	0	0	14	0	46	0	0	0	0	14	46	0	0	0	0	0	0	-32
601+00	13	0	116	0	0	0	0	25	0	134	0	0	0	0	39	179	0	0	0	0	0	0	-140
601+50	3	0	171	0	0	0	0	16	0	265	0	0	0	0	55	445	0	0	0	0	0	0	-390
602+00	57	0	107	0	0	0	0	56	0	258	0	0	0	0	110	702	0	0	0	0	0	0	-592
602+50	77	0	88	0	0	0	0	124	0	181	0	0	0	0	234	883	0	0	0	0	0	0	-649
603+00	111	0	53	0	0	0	0	174	0	130	0	0	0	0	408	1,013	0	0	0	0	0	0	-605
603+50	139	0	27	0	0	0	0	231	0	74	0	0	0	0	640	1,087	0	0	0	0	0	0	-447
604+00	149	0	17	0	0	0	0	266	0	41	0	0	0	0	906	1,128	0	0	0	0	0	0	-222
604+50	143	0	24	0	0	0	0	270	0	38	0	0	0	0	1,175	1,166	0	0	0	0	0	0	9
605+00	109	0	53	0	0	0	0	233	0	71	0	0	0	0	1,409	1,237	0	0	0	0	0	0	171
605+50	103	0	62	0	0	0	0	197	0	106	0	0	0	0	1,606	1,344	0	0	0	0	0	0	262
606+00	125	0	43	0	0	0	0	211	0	97	0	0	0	0	1,817	1,440	0	0	0	0	0	0	377
606+50	124	0	46	0	0	0	0	230	0	82	0	0	0	0	2,048	1,523	0	0	0	0	0	0	525
607+00	124	0	41	0	0	0	0	229	0	81	0	0	0	0	2,277	1,604	0	0	0	0	0	0	673
607+50	131	0	38	0	0	0	0	236	0	73	0	0	0	0	2,513	1,677	0	0	0	0	0	0	836
608+00	106	0	63	0	0	0	0	220	0	93	0	0	0	0	2,733	1,770	0	0	0	0	0	0	963
608+50	93	0	71	0	0	0	0	185	0	124	0	0	0	0	2,918	1,895	0	0	0	0	0	0	1,023
609+00	98	0	64	0	0	0	0	177	0	125	0	0	0	0	3,095	2,020	0	0	0	0	0	0	1,075
609+50	110	0	56	0	0	0	0	192	0	111	0	0	0	0	3,287	2,132	0	0	0	0	0	0	1,155
610+00	117	0	48	0	0	0	0	210	0	96	0	0	0	0	3,497	2,227	0	0	0	0	0	0	1,269
610+50	123	0	43	0	0	0	0	222	0	84	0	0	0	0	3,719	2,311	0	0	0	0	0	0	1,407
611+00	138	0	32	0	0	0	0	241	0	69	0	0	0	0	3,960	2,380	0	0	0	0	0	0	1,580
611+50	146	0	30	0	0	0	0	263	0	57	0	0	0	0	4,223	2,437	0	0	0	0	0	0	1,786
612+00	146	0	33	0	0	0	0	271	0	59	0	0	0	0	4,495	2,496	0	0	0	0	0	0	1,998
612+50	115	0	53	0	0	0	0	242	0	80	0	0	0	0	4,737	2,576	0	0	0	0	0	0	2,161
613+00	123	0	45	0	0	0	0	220	0	91	0	0	0	0	4,957	2,667	0	0	0	0	0	0	2,290
613+50	125	0	46	0	0	0	0	230	0	84	0	0	0	0	5,187	2,751	0	0	0	0	0	0	2,436
614+00	127	0	45	0	0	0	0	233	0	84	0	0	0	0	5,420	2,835	0	0	0	0	0	0	2,585
614+50	128	0	42	0	0	0	0	236	0	80	0	0	0	0	5,656	2,915	0	0	0	0	0	0	2,741
615+00	140	0	36	0	0	0	0	248	0	72	0	0	0	0	5,905	2,987	0	0	0	0	0	0	2,917
615+50	159	0	21	0	0	0	0	276	0	52	0	0	0	0	6,181	3,040	0	0	0	0	0	0	3,141
616+00	152	0	26	0	0	0	0	287	0	43	0	0	0	0	6,468	3,083	0	0	0	0	0	0	3,385
616+50	133	0	40	0	0	0	0	263	0	61	0	0	0	0	6,731	3,144	0	0	0	0	0	0	3,587
617+00	116	0	58	0	0	0	0	230	0	91	0	0	0	0	6,962	3,235	0	0	0	0	0	0	3,727
617+50	100	0	74	0	0	0	0	200	0	122	0	0	0	0	7,161	3,357	0	0	0	0	0	0	3,804
618+00	96	0	86	0	0	0	0	181	0	149	0	0	0	0	7,342	3,506	0	0	0	0	0	0	3,836
618+50	81	0	97	0	0	0	0	164	0	170	0	0	0	0	7,507	3,676	0	0	0	0	0	0	3,830
619+00	67	0	107	0	0	0	0	138	0	189	0	0	0	0	7,644	3,865	0	0	0	0	0	0	3,779
619+50	67	0	98	0	0	0	0	125	0	189	0	0	0	0	7,769	4,054	0	0	0	0	0	0	3,715
620+00	169	0	22	0	0	0	0	219	0	110	0	0	0	0	7,988	4,165	0	0	0	0	0	0	3,823
620+50	191	0	25	0	0	0	0	334	0	43	0	0	0	0	8,322	4,208	0	0	0	0	0	0	4,114
621+00	132	0	43	0	0	0	0	300	0	63	0	0	0	0	8,622	4,271	0	0	0	0	0	0	4,351

CONTINUED

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Evergreen Ave - EB CONTINUED

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
621+50	128	0	44	0	0	0	0	241	0	81	0	0	0	0	8,864	4,352	0	0	0	0	0	0	4,512
622+00	140	0	29	0	0	0	0	248	0	67	0	0	0	0	9,112	4,419	0	0	0	0	0	0	4,693
622+50	152	0	17	0	0	0	0	270	0	43	0	0	0	0	9,382	4,462	0	0	0	0	0	0	4,920
623+00	234	0	1	0	0	0	0	358	0	17	0	0	0	0	9,739	4,479	0	0	0	0	0	0	5,261
623+32	296	0	0	0	0	0	0	315	0	1	0	0	0	0	10,054	4,479	0	0	0	0	0	0	5,575
623+50	305	0	1	0	0	0	0	201	0	0	0	0	0	0	10,254	4,480	0	0	0	0	0	0	5,775
624+00	200	0	6	0	0	0	0	468	0	6	0	0	0	0	10,723	4,485	0	0	0	0	0	0	6,237
624+50	204	0	6	0	0	0	0	375	0	11	0	0	0	0	11,097	4,496	0	0	0	0	0	0	6,601
625+00	184	0	14	0	0	0	0	360	0	18	0	0	0	0	11,457	4,514	0	0	0	0	0	0	6,943
625+50	175	0	19	0	0	0	0	332	0	31	0	0	0	0	11,789	4,545	0	0	0	0	0	0	7,244
626+00	183	0	14	0	0	0	0	331	0	31	0	0	0	0	12,120	4,576	0	0	0	0	0	0	7,545
626+50	186	0	12	0	0	0	0	342	0	24	0	0	0	0	12,462	4,599	0	0	0	0	0	0	7,863
627+00	164	0	15	0	0	0	0	324	0	25	0	0	0	0	12,786	4,624	0	0	0	0	0	0	8,162
627+50	143	0	23	0	0	0	0	284	0	36	0	0	0	0	13,070	4,660	0	0	0	0	0	0	8,410
628+00	144	0	26	0	0	0	0	266	0	45	0	0	0	0	13,336	4,705	0	0	0	0	0	0	8,630
628+50	154	0	15	0	0	0	0	276	0	38	0	0	0	0	13,612	4,743	0	0	0	0	0	0	8,869
629+00	140	0	23	0	0	0	0	272	0	35	0	0	0	0	13,884	4,778	0	0	0	0	0	0	9,106
629+50	134	0	32	0	0	0	0	254	0	50	0	0	0	0	14,138	4,828	0	0	0	0	0	0	9,310
630+00	106	0	55	0	0	0	0	223	0	80	0	0	0	0	14,360	4,908	0	0	0	0	0	0	9,453
630+50	104	0	63	0	0	0	0	195	0	109	0	0	0	0	14,555	5,017	0	0	0	0	0	0	9,538
631+00	92	0	72	0	0	0	0	182	0	126	0	0	0	0	14,737	5,142	0	0	0	0	0	0	9,594
631+50	60	0	103	0	0	0	0	141	0	162	0	0	0	0	14,878	5,305	0	0	0	0	0	0	9,573
632+00	70	0	94	0	0	0	0	121	0	183	0	0	0	0	14,998	5,488	0	0	0	0	0	0	9,511
632+50	53	0	117	0	0	0	0	114	0	196	0	0	0	0	15,113	5,684	0	0	0	0	0	0	9,429
633+00	19	0	163	0	0	0	0	66	0	259	0	0	0	0	15,179	5,943	0	0	0	0	0	0	9,236
633+50	12	0	179	0	0	0	0	29	0	317	0	0	0	0	15,208	6,260	0	0	0	0	0	0	8,948
634+00	2	0	229	0	0	0	0	13	0	378	0	0	0	0	15,220	6,638	0	0	0	0	0	0	8,582
634+50	2	0	237	0	0	0	0	4	0	432	0	0	0	0	15,224	7,070	0	0	0	0	0	0	8,154
								15,224	0	7,070	0	0	0	0									

Stage 1 -- Evergreen Ave - WB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
600+14	8	0	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600+43	9	0	103	0	0	0	0	9	0	127	0	0	0	0	9	127	0	0	0	0	0	0	-118
								9	0	127	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Connection Rd

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4	Note 5	Note 6	Note 7	Note 4	Note 8	Note 9
700+50	162	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
701+00	113	0	0	0	0	0	0	255	0	1	0	0	0	0	255	1	0	0	0	0	0	0	254
701+50	159	0	0	0	0	0	0	252	0	0	0	0	0	0	507	1	0	0	0	0	0	0	507
702+00	190	0	0	0	0	0	0	324	0	0	0	0	0	0	831	1	0	0	0	0	0	0	830
702+50	148	0	1	0	0	0	0	313	0	0	0	0	0	0	1,144	1	0	0	0	0	0	0	1,143
703+00	179	0	0	0	0	0	0	303	0	1	0	0	0	0	1,447	2	0	0	0	0	0	0	1,445
703+50	217	0	0	0	0	0	0	367	0	0	0	0	0	0	1,814	2	0	0	0	0	0	0	1,812
704+00	221	0	0	0	0	0	0	405	0	0	0	0	0	0	2,219	2	0	0	0	0	0	0	2,217
								2,219	0	2	0	0	0	0									

Stage 1 -- Pond CTH TS

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
80+15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80+19	0	0	43	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	-3
80+31	0	0	90	0	0	0	0	0	0	30	0	0	0	0	0	33	0	0	0	0	0	0	-33
80+51	311	0	41	0	0	0	0	115	0	49	0	0	0	0	115	81	0	0	0	0	0	0	34
80+61	445	0	40	0	0	0	0	140	0	15	0	0	0	0	255	96	0	0	0	0	0	0	159
80+75	727	0	42	0	0	0	0	304	0	21	0	0	0	0	559	118	0	0	0	0	0	0	441
81+02	717	0	50	0	0	0	0	722	0	46	0	0	0	0	1,281	164	0	0	0	0	0	0	1,117
81+13	568	0	52	0	0	0	0	262	0	21	0	0	0	0	1,543	184	0	0	0	0	0	0	1,358
81+22	562	0	54	0	0	0	0	188	0	18	0	0	0	0	1,731	202	0	0	0	0	0	0	1,529
81+33	698	0	58	0	0	0	0	257	0	23	0	0	0	0	1,988	225	0	0	0	0	0	0	1,763
81+75	669	0	81	0	0	0	0	1,063	0	108	0	0	0	0	3,051	332	0	0	0	0	0	0	2,719
82+13	626	0	105	0	0	0	0	912	0	131	0	0	0	0	3,963	463	0	0	0	0	0	0	3,500
82+27	329	0	114	0	0	0	0	248	0	57	0	0	0	0	4,211	520	0	0	0	0	0	0	3,691
82+37	188	0	140	0	0	0	0	96	0	47	0	0	0	0	4,306	567	0	0	0	0	0	0	3,740
82+57	0	0	330	0	0	0	0	70	0	174	0	0	0	0	4,376	741	0	0	0	0	0	0	3,635
82+69	11	0	268	0	0	0	0	2	0	133	0	0	0	0	4,379	874	0	0	0	0	0	0	3,504
82+89	13	0	260	0	0	0	0	9	0	196	0	0	0	0	4,387	1,070	0	0	0	0	0	0	3,318
83+02	15	0	45	0	0	0	0	7	0	73	0	0	0	0	4,394	1,143	0	0	0	0	0	0	3,251
83+25	4	0	17	0	0	0	0	8	0	26	0	0	0	0	4,402	1,170	0	0	0	0	0	0	3,233
83+45	0	0	9	0	0	0	0	1	0	10	0	0	0	0	4,404	1,179	0	0	0	0	0	0	3,224
								4,404	0	1,179	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Pond CTH VV

	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
STATION	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
70+18	121	22	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70+50	87	22	327	0	0	0	0	123	26	323	0	0	0	0	123	323	0	0	0	0	0	0	-226
70+65	145	22	258	0	0	0	0	65	12	163	0	0	0	0	188	485	0	0	0	0	0	0	-336
70+76	216	11	278	0	0	0	0	73	7	109	0	0	0	0	261	595	0	0	0	0	0	0	-378
70+90	427	0	269	0	0	0	0	167	3	142	0	0	0	0	428	736	0	0	0	0	0	0	-356
71+50	445	0	293	0	0	0	0	968	0	623	0	0	0	0	1,396	1,360	0	0	0	0	0	0	-11
72+02	468	0	276	0	0	0	0	879	0	548	0	0	0	0	2,275	1,907	0	0	0	0	0	0	320
72+12	303	0	272	0	0	0	0	143	0	102	0	0	0	0	2,418	2,009	0	0	0	0	0	0	361
72+26	295	0	277	0	0	0	0	155	0	142	0	0	0	0	2,573	2,151	0	0	0	0	0	0	374
72+36	468	0	281	0	0	0	0	141	0	103	0	0	0	0	2,715	2,255	0	0	0	0	0	0	412
72+71	463	0	277	0	0	0	0	604	0	362	0	0	0	0	3,318	2,617	0	0	0	0	0	0	654
72+85	190	0	275	0	0	0	0	169	0	143	0	0	0	0	3,488	2,760	0	0	0	0	0	0	680
72+95	103	0	263	0	0	0	0	54	0	100	0	0	0	0	3,542	2,860	0	0	0	0	0	0	634
73+11	3	0	319	0	0	0	0	31	0	173	0	0	0	0	3,573	3,032	0	0	0	0	0	0	493
73+23	4	0	222	0	0	0	0	2	0	120	0	0	0	0	3,575	3,153	0	0	0	0	0	0	375
								3,575	48	3,153	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 1 -- Pond Evergreen

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
90+17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90+33	0	0	133	0	0	0	0	0	0	39	0	0	0	0	0	39	0	0	0	0	0	0	-39
90+45	0	0	242	0	0	0	0	0	0	83	0	0	0	0	0	123	0	0	0	0	0	0	-123
90+65	229	0	145	0	0	0	0	85	0	143	0	0	0	0	85	266	0	0	0	0	0	0	-181
90+75	365	0	134	0	0	0	0	110	0	52	0	0	0	0	195	318	0	0	0	0	0	0	-123
90+89	686	0	127	0	0	0	0	272	0	68	0	0	0	0	467	385	0	0	0	0	0	0	82
91+00	762	0	125	0	0	0	0	295	0	51	0	0	0	0	762	437	0	0	0	0	0	0	326
91+48	738	0	131	0	0	0	0	1,333	0	228	0	0	0	0	2,096	664	0	0	0	0	0	0	1,432
91+59	675	0	130	0	0	0	0	288	0	53	0	0	0	0	2,384	717	0	0	0	0	0	0	1,666
91+69	528	0	130	0	0	0	0	223	0	48	0	0	0	0	2,607	766	0	0	0	0	0	0	1,841
91+79	528	0	132	0	0	0	0	195	0	49	0	0	0	0	2,802	814	0	0	0	0	0	0	1,988
91+89	673	0	134	0	0	0	0	222	0	49	0	0	0	0	3,024	863	0	0	0	0	0	0	2,161
92+00	723	0	139	0	0	0	0	284	0	56	0	0	0	0	3,308	919	0	0	0	0	0	0	2,389
92+50	724	0	138	0	0	0	0	1,340	0	256	0	0	0	0	4,648	1,175	0	0	0	0	0	0	3,474
93+00	732	0	132	0	0	0	0	1,349	0	249	0	0	0	0	5,997	1,424	0	0	0	0	0	0	4,573
93+50	733	0	126	0	0	0	0	1,357	0	239	0	0	0	0	7,354	1,663	0	0	0	0	0	0	5,691
94+00	729	0	131	0	0	0	0	1,354	0	238	0	0	0	0	8,708	1,901	0	0	0	0	0	0	6,807
94+50	706	0	133	0	0	0	0	1,329	0	244	0	0	0	0	10,037	2,145	0	0	0	0	0	0	7,892
95+00	707	0	146	0	0	0	0	1,309	0	259	0	0	0	0	11,345	2,404	0	0	0	0	0	0	8,942
95+50	716	0	135	0	0	0	0	1,317	0	260	0	0	0	0	12,663	2,664	0	0	0	0	0	0	9,998
95+84	724	0	136	0	0	0	0	906	0	171	0	0	0	0	13,569	2,835	0	0	0	0	0	0	10,734
95+96	621	0	139	0	0	0	0	299	0	61	0	0	0	0	13,868	2,896	0	0	0	0	0	0	10,972
96+10	320	0	157	0	0	0	0	244	0	77	0	0	0	0	14,112	2,972	0	0	0	0	0	0	11,139
96+20	189	0	190	0	0	0	0	94	0	64	0	0	0	0	14,206	3,037	0	0	0	0	0	0	11,169
96+40	31	0	329	0	0	0	0	81	0	192	0	0	0	0	14,287	3,229	0	0	0	0	0	0	11,058
96+52	2	0	265	0	0	0	0	7	0	132	0	0	0	0	14,294	3,361	0	0	0	0	0	0	10,933
96+72	18	0	165	0	0	0	0	7	0	159	0	0	0	0	14,301	3,520	0	0	0	0	0	0	10,782
								14,301	0	3,520	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 2 -- Marley St - NB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Unusable Pavement Material Note 2	Fill Note 3	Topsoil EBS Note 4	Select Crushed Material Note 5	Select Borrow Note 6	EBS Note 7	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.00 Note 8	Expanded Topsoil EBS Backfill 1.00 Note 4	Expanded Select Crushed Mat 1.00	Expanded Select Borrow 1.00	Expanded EBS Backfill 1.00 Note 6	Reduced Topsoil EBS in Fill 1.00 Note 4	Reduced EBS in Fill 1.00 Note 8	Mass Ordinate Note 9
54+00	8	0	2088	90	164	160	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54+50	7	3	1711	78	156	152	76	14	3	3,518	156	296	289	146	14	3,082	156	296	289	146	156	146	-3,071
55+00	10	5	1463	59	150	146	75	16	7	2,939	127	283	276	140	30	5,606	282	580	565	286	282	286	-5,585
55+50	8	7	1202	45	146	142	73	17	11	2,467	96	274	267	137	48	7,669	379	854	831	423	379	423	-7,643
56+00	13	7	958	35	138	134	69	20	13	2,000	74	263	256	131	68	9,282	453	1,117	1,087	555	453	555	-9,249
56+50	20	7	777	27	130	126	65	31	13	1,607	57	248	241	124	99	10,524	510	1,365	1,328	679	510	679	-10,473
57+00	22	7	620	26	110	106	55	40	13	1,294	49	222	215	111	138	11,493	559	1,587	1,543	790	559	790	-11,415
57+50	76	7	326	18	116	112	58	91	13	877	41	209	202	105	229	12,063	600	1,796	1,744	894	600	894	-11,907
58+00	72	7	283	20	114	110	57	137	13	564	35	213	206	106	366	12,315	635	2,009	1,950	1,001	635	1,001	-12,035
58+50	37	7	455	26	122	118	61	101	13	683	43	219	211	109	467	12,678	678	2,228	2,161	1,110	678	1,110	-12,310
59+00	22	7	239	4	64	62	32	54	13	642	28	172	167	86	521	13,067	706	2,400	2,328	1,196	706	1,196	-12,658
59+38	13	7	241	14	82	80	41	24	10	338	13	103	100	51	546	13,254	718	2,503	2,428	1,248	718	1,248	-12,830
61+18	1	0	153	0	0	0	0	0	0	0	0	0	0	0	546	13,254	718	2,503	2,428	1,248	718	1,248	-12,830
61+50	9	0	94	0	0	0	0	6	0	147	0	0	0	0	552	13,400	718	2,503	2,428	1,248	718	1,248	-12,971
62+00	96	7	97	0	0	0	0	97	6	177	0	0	0	0	649	13,577	718	2,503	2,428	1,248	718	1,248	-13,056
62+50	156	7	45	0	0	0	0	234	13	131	0	0	0	0	883	13,708	718	2,503	2,428	1,248	718	1,248	-12,967
63+00	107	7	30	0	0	0	0	243	13	69	0	0	0	0	1,126	13,778	718	2,503	2,428	1,248	718	1,248	-12,806
63+50	94	7	35	0	0	0	0	186	13	60	0	0	0	0	1,312	13,838	718	2,503	2,428	1,248	718	1,248	-12,693
63+91	214	20	0	0	0	0	0	234	20	27	0	0	0	0	1,546	13,865	718	2,503	2,428	1,248	718	1,248	-12,507
64+00	221	20	0	0	0	0	0	72	7	0	0	0	0	0	1,618	13,865	718	2,503	2,428	1,248	718	1,248	-12,441
64+50	190	7	15	0	0	0	0	380	25	14	0	0	0	0	1,999	13,879	718	2,503	2,428	1,248	718	1,248	-12,100
65+00	168	7	8	0	0	0	0	332	13	21	0	0	0	0	2,330	13,901	718	2,503	2,428	1,248	718	1,248	-11,803
65+25	163	7	0	0	0	0	0	154	6	4	0	0	0	0	2,484	13,904	718	2,503	2,428	1,248	718	1,248	-11,659
								2,484	239	17,580	718	2,503	2,428	1,248									

Stage 2 -- Marley St - SB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Unusable Pavement Material Note 2	Fill Note 3	Topsoil EBS Note 4	Select Crushed Material Note 5	Select Borrow Note 6	EBS Note 7	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.00 Note 8	Expanded Topsoil EBS Backfill 1.00 Note 4	Expanded Select Crushed Mat 1.00	Expanded Select Borrow 1.00	Expanded EBS Backfill 1.00 Note 6	Reduced Topsoil EBS in Fill 1.00 Note 4	Reduced EBS in Fill 1.00 Note 8	Mass Ordinate Note 9
58+75	2	0	336	33	64	62	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59+15	54	0	151	20	88	86	44	41	0	361	39	113	110	56	41	195	39	113	110	56	39	56	-154
60+94	18	7	144	0	0	0	0	0	0	0	0	0	0	0	41	195	39	113	110	56	39	56	-154
61+22	10	7	121	0	0	0	0	14	7	137	0	0	0	0	55	332	39	113	110	56	39	56	-284
								55	7	498	39	113	110	56									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 2 -- Milwood Ct

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
798+25	52	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
798+50	57	7	0	0	0	0	0	51	6	0	0	0	0	0	51	0	0	0	0	0	0	0	44
798+87	71	8	2	0	0	0	0	88	10	1	0	0	0	0	139	1	0	0	0	0	0	0	121
799+00	70	8	2	0	0	0	0	34	4	1	0	0	0	0	173	2	0	0	0	0	0	0	150
799+35	62	8	13	0	0	0	0	85	10	9	0	0	0	0	258	12	0	0	0	0	0	0	216
								258	31	12	0	0	0	0									

Stage 2 -- Marley Ditch

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
10+50	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11+00	150	7	5	0	0	0	0	177	6	5	0	0	0	0	177	5	0	0	0	0	0	0	166
11+50	171	7	104	0	0	0	0	297	13	101	0	0	0	0	475	106	0	0	0	0	0	0	350
11+75	185	7	177	0	0	0	0	165	6	130	0	0	0	0	640	236	0	0	0	0	0	0	378
12+00	149	7	240	0	0	0	0	155	6	193	0	0	0	0	794	428	0	0	0	0	0	0	333
12+50	122	7	206	0	0	0	0	251	13	413	0	0	0	0	1,045	841	0	0	0	0	0	0	158
13+00	114	7	163	0	0	0	0	218	13	342	0	0	0	0	1,263	1,183	0	0	0	0	0	0	21
13+50	105	7	113	0	0	0	0	202	13	256	0	0	0	0	1,465	1,439	0	0	0	0	0	0	-45
14+00	89	7	83	0	0	0	0	179	13	181	0	0	0	0	1,644	1,619	0	0	0	0	0	0	-60
14+50	80	7	41	0	0	0	0	156	13	115	0	0	0	0	1,800	1,734	0	0	0	0	0	0	-32
15+00	71	7	2	0	0	0	0	139	13	40	0	0	0	0	1,939	1,775	0	0	0	0	0	0	54
15+50	57	7	1	0	0	0	0	119	13	3	0	0	0	0	2,058	1,777	0	0	0	0	0	0	158
16+00	37	4	1	0	0	0	0	87	10	1	0	0	0	0	2,145	1,778	0	0	0	0	0	0	233
16+50	19	0	1	0	0	0	0	52	4	2	0	0	0	0	2,197	1,780	0	0	0	0	0	0	280
16+84	10	0	0	0	0	0	0	18	0	1	0	0	0	0	2,215	1,781	0	0	0	0	0	0	297
								2,215	137	1,781	0	0	0	0									

Stage 2 -- Future Evergreen Ave - EB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 7	Note 8	Note 9
597+50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
597+66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
598+00	0	0	125	0	0	0	0	0	0	79	0	0	0	0	0	79	0	0	0	0	0	0	-79
598+38	18	0	345	0	0	0	0	13	0	331	0	0	0	0	13	410	0	0	0	0	0	0	-397
								13	0	410	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 2 -- Future Evergreen Ave - WB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
598+01	0	0	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
598+42	36	0	144	0	0	0	0	28	0	180	0	0	0	0	28	180	0	0	0	0	0	0	-153
								28	0	180	0	0	0	0									

Stage 2 -- Evergreen Ave - EB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
634+50	2	0	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
635+00	10	0	90	0	0	0	0	11	0	303	0	0	0	0	11	303	0	0	0	0	0	0	-292
635+50	14	0	105	0	0	0	0	23	0	181	0	0	0	0	34	484	0	0	0	0	0	0	-450
636+00	37	20	109	0	0	0	0	48	19	199	0	0	0	0	82	683	0	0	0	0	0	0	-619
636+50	93	20	102	0	0	0	0	121	37	196	0	0	0	0	203	879	0	0	0	0	0	0	-731
637+00	120	20	82	0	0	0	0	197	37	170	0	0	0	0	400	1,049	0	0	0	0	0	0	-741
637+17	132	20	75	0	0	0	0	79	13	49	0	0	0	0	480	1,098	0	0	0	0	0	0	-724
637+50	99	20	86	0	0	0	0	141	24	99	0	0	0	0	621	1,197	0	0	0	0	0	0	-706
637+71	138	20	59	0	0	0	0	92	16	56	0	0	0	0	713	1,253	0	0	0	0	0	0	-685
638+00	125	20	46	0	0	0	0	141	21	56	0	0	0	0	854	1,309	0	0	0	0	0	0	-622
638+23	175	20	41	0	0	0	0	128	17	37	0	0	0	0	982	1,346	0	0	0	0	0	0	-548
638+50	119	20	41	0	0	0	0	147	20	41	0	0	0	0	1,129	1,387	0	0	0	0	0	0	-462
639+00	113	20	52	0	0	0	0	214	37	86	0	0	0	0	1,343	1,474	0	0	0	0	0	0	-371
639+50	104	20	56	0	0	0	0	200	37	100	0	0	0	0	1,544	1,574	0	0	0	0	0	0	-308
640+00	163	20	32	0	0	0	0	247	37	81	0	0	0	0	1,790	1,656	0	0	0	0	0	0	-180
640+50	58	20	50	0	0	0	0	205	37	75	0	0	0	0	1,995	1,731	0	0	0	0	0	0	-87
641+00	59	20	42	0	0	0	0	108	37	85	0	0	0	0	2,104	1,815	0	0	0	0	0	0	-101
641+50	56	20	27	0	0	0	0	106	37	64	0	0	0	0	2,210	1,879	0	0	0	0	0	0	-96
642+00	51	20	14	0	0	0	0	99	37	38	0	0	0	0	2,308	1,917	0	0	0	0	0	0	-72
642+50	48	20	9	0	0	0	0	91	37	21	0	0	0	0	2,399	1,937	0	0	0	0	0	0	-38
								2,399	500	1,937	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 2 -- RAB Marley St & Evergreen Ave

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
40+00	3	0	333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40+25	0	0	330	0	0	0	0	1	0	307	0	0	0	0	1	307	0	0	0	0	0	0	-306
40+50	0	0	452	0	0	0	0	0	0	362	0	0	0	0	1	669	0	0	0	0	0	0	-668
40+75	3	0	462	0	0	0	0	1	0	423	0	0	0	0	3	1,092	0	0	0	0	0	0	-1,089
41+00	0	0	404	0	0	0	0	1	0	401	0	0	0	0	4	1,493	0	0	0	0	0	0	-1,489
41+25	0	0	346	0	0	0	0	0	0	347	0	0	0	0	4	1,840	0	0	0	0	0	0	-1,836
41+50	27	0	475	0	0	0	0	12	0	380	0	0	0	0	16	2,220	0	0	0	0	0	0	-2,204
41+75	4	0	520	0	0	0	0	14	0	461	0	0	0	0	31	2,681	0	0	0	0	0	0	-2,650
42+00	0	0	563	0	0	0	0	2	0	502	0	0	0	0	32	3,183	0	0	0	0	0	0	-3,150
42+25	0	0	732	0	0	0	0	0	0	600	0	0	0	0	32	3,782	0	0	0	0	0	0	-3,750
42+50	45	0	550	0	0	0	0	21	0	593	0	0	0	0	53	4,375	0	0	0	0	0	0	-4,322
42+75	0	0	444	0	0	0	0	21	0	460	0	0	0	0	74	4,836	0	0	0	0	0	0	-4,761
43+00	0	0	402	0	0	0	0	0	0	392	0	0	0	0	74	5,227	0	0	0	0	0	0	-5,153
43+25	11	0	547	0	0	0	0	5	0	439	0	0	0	0	79	5,666	0	0	0	0	0	0	-5,587
43+50	2	0	401	0	0	0	0	6	0	439	0	0	0	0	85	6,105	0	0	0	0	0	0	-6,020
43+64.41	3	0	333	0	0	0	0	1	0	196	0	0	0	0	87	6,301	0	0	0	0	0	0	-6,214
								87	0	6,301	0	0	0	0									

Stage 2 -- Ramp-C

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
402+00	0	0	2778	84	174	170	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
402+50	19	7	2601	69	172	168	86	17	6	4,980	142	320	313	160	17	4,507	142	320	313	160	142	160	-4,496
403+00	32	7	2326	78	162	158	81	46	13	4,561	136	309	302	155	64	8,612	278	630	615	315	278	315	-8,568
403+50	35	7	2124	65	160	156	80	62	13	4,120	132	298	291	149	125	12,292	410	928	906	464	410	464	-12,199
404+00	47	7	1927	71	156	152	78	76	13	3,750	126	293	285	146	201	15,611	536	1,220	1,191	610	536	610	-15,455
404+50	68	7	1715	61	154	150	77	107	13	3,372	122	287	280	144	308	18,560	658	1,507	1,470	754	658	754	-18,311
405+00	67	7	1521	58	150	146	75	126	13	2,996	110	281	274	141	433	21,141	769	1,789	1,744	894	769	894	-20,779
405+50	64	7	1311	54	142	138	71	121	13	2,622	104	270	263	135	555	23,365	872	2,059	2,007	1,030	872	1,030	-22,895
406+00	83	7	1087	43	140	136	70	136	13	2,221	90	261	254	131	691	25,202	962	2,320	2,261	1,160	962	1,160	-24,608
406+50	57	7	869	33	132	128	66	130	13	1,811	70	252	244	126	821	26,643	1,032	2,572	2,506	1,286	1,032	1,286	-25,932
407+00	51	7	671	20	128	124	64	100	13	1,426	49	241	233	120	921	27,715	1,081	2,813	2,739	1,406	1,081	1,406	-26,917
407+50	133	7	533	16	116	112	58	171	13	1,115	33	226	219	113	1,092	28,499	1,115	3,039	2,957	1,519	1,115	1,519	-27,543
408+00	194	7	394	16	110	106	55	303	13	858	30	209	202	105	1,395	29,050	1,144	3,248	3,159	1,624	1,144	1,624	-27,805
408+50	220	7	253	14	104	100	52	383	13	599	28	198	191	99	1,778	29,359	1,172	3,446	3,350	1,723	1,172	1,723	-27,744
409+00	252	7	150	7	98	94	49	437	13	373	19	187	180	94	2,215	29,459	1,192	3,633	3,530	1,817	1,192	1,817	-27,419
409+50	280	7	132	0	0	0	0	492	13	261	6	91	87	45	2,707	29,587	1,198	3,724	3,617	1,862	1,198	1,862	-27,068
410+00	273	7	122	0	0	0	0	512	13	235	0	0	0	0	3,219	29,822	1,198	3,724	3,617	1,862	1,198	1,862	-26,804
								3,219	201	35,301	1,198	3,724	3,617	1,862									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 2 -- Connection Rd

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4	Note 5	Note 6	Note 7	Note 4	Note 8	Note 9
704+00	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
704+25	251	0	0	0	0	0	0	218	0	0	0	0	0	0	218	0	0	0	0	0	0	0	218
704+50	187	0	6	0	0	0	0	203	0	3	0	0	0	0	421	3	0	0	0	0	0	0	419
705+00	293	42	31	0	0	0	0	445	39	34	0	0	0	0	866	37	0	0	0	0	0	0	791
705+50	191	32	27	0	0	0	0	448	69	54	0	0	0	0	1,314	91	0	0	0	0	0	0	1,116
706+00	100	25	2	0	0	0	0	269	53	27	0	0	0	0	1,584	117	0	0	0	0	0	0	1,306
706+50	133	50	0	0	0	0	0	216	69	2	0	0	0	0	1,799	119	0	0	0	0	0	0	1,451
707+00	124	20	0	0	0	0	0	238	65	0	0	0	0	0	2,037	119	0	0	0	0	0	0	1,624
707+50	125	20	0	0	0	0	0	230	37	0	0	0	0	0	2,267	119	0	0	0	0	0	0	1,817
708+00	89	20	36	0	0	0	0	198	37	34	0	0	0	0	2,466	153	0	0	0	0	0	0	1,945
708+17	103	20	62	0	0	0	0	60	13	31	0	0	0	0	2,526	184	0	0	0	0	0	0	1,961
708+58	59	20	124	0	0	0	0	123	30	141	0	0	0	0	2,649	325	0	0	0	0	0	0	1,912
708+80	104	20	147	0	0	0	0	66	16	110	0	0	0	0	2,715	435	0	0	0	0	0	0	1,852
709+05	113	20	159	0	0	0	0	100	19	141	0	0	0	0	2,815	577	0	0	0	0	0	0	1,792
709+25	77	20	9	0	0	0	0	70	15	62	0	0	0	0	2,886	639	0	0	0	0	0	0	1,786
								2,886	461	639	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 3 -- STH 29

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
540+75	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
541+00	58	0	6	0	0	0	0	33	0	3	0	0	0	0	33	3	0	0	0	0	0	0	31
541+50	86	57	979	0	0	0	0	133	53	911	0	0	0	0	167	914	0	0	0	0	0	0	-800
542+00	57	39	926	0	0	0	0	133	89	1,764	0	0	0	0	300	2,678	0	0	0	0	0	0	-2,520
542+50	44	27	37	0	0	0	0	94	61	892	0	0	0	0	394	3,570	0	0	0	0	0	0	-3,379
543+00	45	14	3	0	0	0	0	82	38	37	0	0	0	0	476	3,606	0	0	0	0	0	0	-3,371
543+50	48	7	1	0	0	0	0	86	19	3	0	0	0	0	562	3,609	0	0	0	0	0	0	-3,307
544+00	46	6	0	0	0	0	0	87	12	1	0	0	0	0	650	3,610	0	0	0	0	0	0	-3,233
544+50	30	6	0	0	0	0	0	71	11	0	0	0	0	0	720	3,611	0	0	0	0	0	0	-3,174
545+00	27	6	0	0	0	0	0	53	11	0	0	0	0	0	774	3,611	0	0	0	0	0	0	-3,131
545+50	25	6	0	0	0	0	0	48	11	0	0	0	0	0	822	3,611	0	0	0	0	0	0	-3,094
546+00	24	6	0	0	0	0	0	45	11	0	0	0	0	0	867	3,611	0	0	0	0	0	0	-3,060
546+50	20	4	0	0	0	0	0	41	9	0	0	0	0	0	908	3,611	0	0	0	0	0	0	-3,029
547+00	15	3	0	0	0	0	0	33	6	0	0	0	0	0	941	3,611	0	0	0	0	0	0	-3,002
547+50	15	1	0	0	0	0	0	28	4	0	0	0	0	0	969	3,611	0	0	0	0	0	0	-2,978
547+64	16	0	0	0	0	0	0	8	0	0	0	0	0	0	977	3,611	0	0	0	0	0	0	-2,970
								977	336	3,611	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 4 -- Cty VV - NB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Unusable Pavement Material Note 2	Fill Note 3	Topsoil EBS Note 4	Select Crushed Material Note 5	Select Borrow Note 6	EBS Note 7	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.00 Note 8	Expanded Topsoil EBS Backfill 1.00 Note 4	Expanded Select Crushed Mat 1.00	Expanded Select Borrow 1.00	Expanded EBS Backfill 1.00 Note 6	Reduced Topsoil EBS in Fill 1.00 Note 4	Reduced EBS in Fill 1.00 Note 8	Mass Ordinate Note 9
27+00	67	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27+50	81	22	11	0	0	0	0	137	41	11	0	0	0	0	137	11	0	0	0	0	0	0	85
28+00	73	22	19	0	0	0	0	143	41	28	0	0	0	0	279	39	0	0	0	0	0	0	159
28+26	67	22	10	0	0	0	0	67	21	14	0	0	0	0	346	53	0	0	0	0	0	0	191
28+50	54	22	13	0	0	0	0	53	20	10	0	0	0	0	400	63	0	0	0	0	0	0	215
29+00	52	22	23	0	0	0	0	98	41	34	0	0	0	0	498	97	0	0	0	0	0	0	238
29+20	54	22	11	0	0	0	0	39	16	13	0	0	0	0	537	110	0	0	0	0	0	0	248
29+50	24	22	56	0	0	0	0	43	24	37	0	0	0	0	580	147	0	0	0	0	0	0	230
30+00	6	22	89	0	0	0	0	28	41	134	0	0	0	0	608	281	0	0	0	0	0	0	82
30+50	0	22	152	0	0	0	0	5	41	224	0	0	0	0	613	505	0	0	0	0	0	0	-177
31+00	0	11	174	0	0	0	0	0	31	302	0	0	0	0	613	807	0	0	0	0	0	0	-510
31+50	0	16	261	0	0	0	0	0	25	402	0	0	0	0	613	1,209	0	0	0	0	0	0	-937
33+32	0	0	479	37	96	94	27	0	0	0	0	0	0	0	613	1,209	0	0	0	0	0	0	-937
33+50	0	0	443	37	90	88	45	0	0	307	25	62	61	24	613	1,432	25	62	61	24	25	24	-1,159
34+00	0	0	373	33	72	70	36	0	0	756	65	150	146	75	613	1,966	89	212	207	99	89	99	-1,694
34+50	0	22	693	59	138	134	69	0	20	987	85	194	189	97	613	2,667	175	406	396	196	175	196	-2,415
35+00	2	22	696	57	126	122	63	2	41	1,286	107	244	237	122	615	3,594	282	651	633	318	282	318	-3,381
35+50	3	22	776	45	130	126	64	5	41	1,363	94	237	230	118	620	4,609	377	888	863	436	377	436	-4,432
36+00	3	22	910	30	134	130	67	6	41	1,561	69	244	237	121	626	5,812	446	1,132	1,100	557	446	557	-5,669
36+50	49	22	1163	39	138	142	71	48	41	1,920	64	252	252	128	675	7,352	510	1,384	1,351	685	510	685	-7,202
37+00	11	0	1469	66	150	146	75	56	20	2,437	97	267	267	135	731	9,387	607	1,651	1,618	820	607	820	-9,201
37+50	4	0	1756	77	156	152	78	14	0	2,986	132	283	276	142	745	11,956	739	1,934	1,894	962	739	962	-11,756
38+00	2	0	2044	86	164	160	82	5	0	3,519	151	296	289	148	750	15,038	890	2,231	2,183	1,110	890	1,110	-14,833
								750	544	18,331	890	2,231	2,183	1,110									

Stage 4 -- Cty VV - SB

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut Note 1	Unusable Pavement Material Note 2	Fill Note 3	Topsoil EBS Note 4	Select Crushed Material Note 5	Select Borrow Note 6	EBS Note 7	Cumulative Vol (CY) Cut 1.00 Note 1	Expanded Fill 1.00 Note 8	Expanded Topsoil EBS Backfill 1.00 Note 4	Expanded Select Crushed Mat 1.00	Expanded Select Borrow 1.00	Expanded EBS Backfill 1.00 Note 6	Reduced Topsoil EBS in Fill 1.00 Note 4	Reduced EBS in Fill 1.00 Note 8	Mass Ordinate Note 9
30+98	2	11	207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31+53	3	6	327	0	0	0	0	5	17	543	0	0	0	0	5	543	0	0	0	0	0	0	-556
33+33	0	22	492	35	96	94	48	0	0	0	0	0	0	0	5	543	0	0	0	0	0	0	-556
33+95	0	22	419	34	70	68	35	0	51	1,046	79	191	186	95	5	1,308	79	191	186	95	79	95	-1,372
								5	68	1,590	79	191	186	95									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 4 -- RAB CTH VV & CTH TS

	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
STATION	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
10+00	0	0	644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10+25	0	0	862	0	0	0	0	0	0	697	0	0	0	0	0	697	0	0	0	0	0	0	-697
10+50	0	0	679	0	0	0	0	0	0	713	0	0	0	0	0	1,411	0	0	0	0	0	0	-1,411
10+75	0	78	458	0	0	0	0	0	36	526	0	0	0	0	0	1,937	0	0	0	0	0	0	-1,973
11+00	0	0	734	0	0	0	0	0	36	552	0	0	0	0	0	2,488	0	0	0	0	0	0	-2,561
11+25	0	0	1016	0	0	0	0	0	0	810	0	0	0	0	0	3,298	0	0	0	0	0	0	-3,371
11+50	0	0	1058	0	0	0	0	0	0	960	0	0	0	0	0	4,258	0	0	0	0	0	0	-4,331
11+75	0	0	969	0	0	0	0	0	0	938	0	0	0	0	0	5,197	0	0	0	0	0	0	-5,269
12+00	0	0	822	0	0	0	0	0	0	829	0	0	0	0	0	6,026	0	0	0	0	0	0	-6,098
12+25	0	0	726	0	0	0	0	0	0	717	0	0	0	0	0	6,743	0	0	0	0	0	0	-6,815
12+50	0	72	396	0	0	0	0	0	33	519	0	0	0	0	0	7,263	0	0	0	0	0	0	-7,368
12+75	0	0	487	0	0	0	0	0	33	409	0	0	0	0	0	7,671	0	0	0	0	0	0	-7,810
13+00	0	0	711	0	0	0	0	0	0	555	0	0	0	0	0	8,226	0	0	0	0	0	0	-8,365
13+25	0	0	639	0	0	0	0	0	0	625	0	0	0	0	0	8,851	0	0	0	0	0	0	-8,990
13+50	0	0	578	0	0	0	0	0	0	564	0	0	0	0	0	9,415	0	0	0	0	0	0	-9,554
13+64.42	0	0	644	0	0	0	0	0	0	326	0	0	0	0	0	9,741	0	0	0	0	0	0	-9,880
								0	139	9,741	0	0	0	0									

Stage 4 -- Existing Triangle

	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
STATION	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
768+40	53	22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
768+50	63	22	4	0	0	0	0	21	8	2	0	0	0	0	21	2	0	0	0	0	0	0	12
769+00	99	22	6	0	0	0	0	150	41	10	0	0	0	0	172	12	0	0	0	0	0	0	111
769+50	108	22	8	0	0	0	0	192	41	13	0	0	0	0	363	24	0	0	0	0	0	0	249
770+00	119	22	15	0	0	0	0	211	41	21	0	0	0	0	574	45	0	0	0	0	0	0	399
770+31	126	22	19	0	0	0	0	141	25	19	0	0	0	0	715	64	0	0	0	0	0	0	495
770+50	131	22	25	0	0	0	0	91	15	15	0	0	0	0	806	80	0	0	0	0	0	0	555
771+00	89	22	0	0	0	0	0	203	41	23	0	0	0	0	1,009	103	0	0	0	0	0	0	694
771+08	73	22	1	0	0	0	0	24	7	0	0	0	0	0	1,033	103	0	0	0	0	0	0	711
								1,033	218	103	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 5 -- STH 29

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
516+04	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
516+50	17	6	0	0	0	0	0	30	10	0	0	0	0	0	30	0	0	0	0	0	0	0	20
517+00	17	6	8	0	0	0	0	32	11	8	0	0	0	0	62	8	0	0	0	0	0	0	33
517+50	17	6	19	0	0	0	0	32	11	25	0	0	0	0	94	33	0	0	0	0	0	0	29
518+00	17	6	27	0	0	0	0	32	11	43	0	0	0	0	126	76	0	0	0	0	0	0	6
518+50	17	6	27	0	0	0	0	31	11	51	0	0	0	0	157	127	0	0	0	0	0	0	-25
519+00	17	6	20	0	0	0	0	31	11	43	0	0	0	0	188	170	0	0	0	0	0	0	-48
519+50	21	6	17	0	0	0	0	35	11	34	0	0	0	0	223	204	0	0	0	0	0	0	-58
520+00	24	6	20	0	0	0	0	41	11	35	0	0	0	0	265	239	0	0	0	0	0	0	-62
520+50	25	6	22	0	0	0	0	45	11	39	0	0	0	0	310	278	0	0	0	0	0	0	-67
521+00	22	6	28	0	0	0	0	43	11	47	0	0	0	0	353	325	0	0	0	0	0	0	-82
521+50	21	6	32	0	0	0	0	40	11	56	0	0	0	0	393	381	0	0	0	0	0	0	-109
522+00	30	6	27	0	0	0	0	48	11	54	0	0	0	0	441	435	0	0	0	0	0	0	-127
522+50	43	6	26	0	0	0	0	68	11	49	0	0	0	0	509	483	0	0	0	0	0	0	-118
523+00	57	6	31	0	0	0	0	92	11	53	0	0	0	0	601	536	0	0	0	0	0	0	-90
523+50	65	6	33	0	0	0	0	113	11	60	0	0	0	0	714	596	0	0	0	0	0	0	-47
524+00	57	6	41	0	0	0	0	113	11	69	0	0	0	0	827	665	0	0	0	0	0	0	-14
524+20	68	12	46	0	0	0	0	46	7	32	0	0	0	0	873	697	0	0	0	0	0	0	-7
524+50	56	12	53	0	0	0	0	69	13	55	0	0	0	0	942	752	0	0	0	0	0	0	-6
525+00	56	12	70	0	0	0	0	103	22	114	0	0	0	0	1,046	865	0	0	0	0	0	0	-39
525+50	52	13	103	0	0	0	0	100	23	160	0	0	0	0	1,145	1,025	0	0	0	0	0	0	-122
525+65	18	13	32	0	0	0	0	19	7	37	0	0	0	0	1,165	1,063	0	0	0	0	0	0	-147
526+00	16	12	56	0	0	0	0	22	16	57	0	0	0	0	1,187	1,119	0	0	0	0	0	0	-198
526+50	18	6	53	0	0	0	0	32	17	101	0	0	0	0	1,219	1,220	0	0	0	0	0	0	-284
								1,219	282	1,220	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 5 -- Ramp A

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
201+89	15	4	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202+00	14	4	62	0	0	0	0	6	2	25	0	0	0	0	6	25	0	0	0	0	0	0	-20
202+50	9	4	66	0	0	0	0	22	7	119	0	0	0	0	28	143	0	0	0	0	0	0	-125
203+00	8	4	67	0	0	0	0	16	7	123	0	0	0	0	43	266	0	0	0	0	0	0	-239
203+50	36	4	64	0	0	0	0	41	7	121	0	0	0	0	84	388	0	0	0	0	0	0	-328
204+00	34	4	63	0	0	0	0	65	7	117	0	0	0	0	149	505	0	0	0	0	0	0	-387
204+50	37	4	79	0	0	0	0	66	7	132	0	0	0	0	214	637	0	0	0	0	0	0	-461
205+00	30	0	85	0	0	0	0	62	4	151	0	0	0	0	276	788	0	0	0	0	0	0	-554
205+50	31	0	106	0	0	0	0	57	0	176	0	0	0	0	333	964	0	0	0	0	0	0	-674
206+00	18	0	128	0	0	0	0	45	0	216	0	0	0	0	378	1,181	0	0	0	0	0	0	-845
								378	42	1,181	0	0	0	0									

Stage 5 -- Ramp B

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
311+00	10	0	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
311+50	14	0	89	0	0	0	0	22	0	200	0	0	0	0	22	200	0	0	0	0	0	0	-178
312+00	29	0	59	0	0	0	0	39	0	137	0	0	0	0	61	337	0	0	0	0	0	0	-275
312+50	40	11	40	0	0	0	0	64	10	92	0	0	0	0	125	428	0	0	0	0	0	0	-314
313+00	31	11	35	0	0	0	0	65	20	69	0	0	0	0	190	498	0	0	0	0	0	0	-338
313+50	24	12	31	0	0	0	0	51	21	61	0	0	0	0	241	558	0	0	0	0	0	0	-369
314+00	26	13	27	0	0	0	0	47	23	53	0	0	0	0	288	612	0	0	0	0	0	0	-399
314+50	28	15	18	0	0	0	0	50	26	41	0	0	0	0	338	653	0	0	0	0	0	0	-416
315+00	25	16	25	0	0	0	0	49	29	39	0	0	0	0	387	693	0	0	0	0	0	0	-435
315+14	28	16	25	0	0	0	0	14	8	13	0	0	0	0	400	705	0	0	0	0	0	0	-443
								400	138	705	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 5 -- Ramp-D

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 7	Note 8	Note 9
509+61	32	5	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
510+00	30	5	49	0	0	0	0	45	7	75	0	0	0	0	45	75	0	0	0	0	0	0	-37
510+50	23	5	48	0	0	0	0	49	9	90	0	0	0	0	94	165	0	0	0	0	0	0	-88
511+00	33	5	43	0	0	0	0	52	9	84	0	0	0	0	146	250	0	0	0	0	0	0	-130
511+50	46	5	26	0	0	0	0	73	9	64	0	0	0	0	218	313	0	0	0	0	0	0	-130
512+00	60	5	17	0	0	0	0	98	9	40	0	0	0	0	316	353	0	0	0	0	0	0	-82
512+50	62	0	29	0	0	0	0	112	5	43	0	0	0	0	428	396	0	0	0	0	0	0	-17
513+00	39	0	42	0	0	0	0	93	0	66	0	0	0	0	522	463	0	0	0	0	0	0	10
513+50	41	0	62	0	0	0	0	74	0	96	0	0	0	0	596	559	0	0	0	0	0	0	-11
514+00	20	0	95	0	0	0	0	57	0	145	0	0	0	0	653	704	0	0	0	0	0	0	-100
								653	49	704	0	0	0	0									

Stage 5 -- Triangle Dr

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
684+99	58	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
685+50	68	28	32	0	0	0	0	118	53	34	0	0	0	0	118	34	0	0	0	0	0	0	31
686+00	41	28	142	0	0	0	0	100	52	160	0	0	0	0	219	194	0	0	0	0	0	0	-80
686+21	70	28	204	0	0	0	0	43	22	134	0	0	0	0	262	329	0	0	0	0	0	0	-194
686+50	135	28	236	0	0	0	0	110	30	236	0	0	0	0	371	565	0	0	0	0	0	0	-350
686+70	207	28	201	0	0	0	0	127	21	162	0	0	0	0	498	727	0	0	0	0	0	0	-406
686+95	221	28	7	0	0	0	0	198	26	96	0	0	0	0	697	823	0	0	0	0	0	0	-330
								697	203	823	0	0	0	0									

Stage 5 -- Existing Triangle

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
787+18	113	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
787+50	205	28	8	0	0	0	0	189	33	5	0	0	0	0	189	5	0	0	0	0	0	0	150
788+00	222	28	9	0	0	0	0	396	52	16	0	0	0	0	585	22	0	0	0	0	0	0	478
788+50	230	28	7	0	0	0	0	419	52	15	0	0	0	0	1,004	37	0	0	0	0	0	0	830
789+00	166	28	3	0	0	0	0	367	52	9	0	0	0	0	1,371	45	0	0	0	0	0	0	1,137
								1,371	189	45	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 6 -- STH 29

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
479+68	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
480+00	34	0	0	0	0	0	0	30	0	0	0	0	0	0	30	0	0	0	0	0	0	0	30
480+50	36	3	1	0	0	0	0	65	3	1	0	0	0	0	95	1	0	0	0	0	0	0	91
481+00	32	5	2	0	0	0	0	64	7	2	0	0	0	0	158	3	0	0	0	0	0	0	145
481+50	33	7	4	0	0	0	0	60	11	5	0	0	0	0	219	8	0	0	0	0	0	0	189
482+00	28	8	6	0	0	0	0	57	14	9	0	0	0	0	275	17	0	0	0	0	0	0	223
482+50	33	9	9	0	0	0	0	57	16	13	0	0	0	0	332	30	0	0	0	0	0	0	251
483+00	43	10	4	0	0	0	0	70	18	12	0	0	0	0	402	42	0	0	0	0	0	0	292
483+50	48	11	5	0	0	0	0	84	19	8	0	0	0	0	487	50	0	0	0	0	0	0	349
484+00	53	12	2	0	0	0	0	94	21	6	0	0	0	0	580	56	0	0	0	0	0	0	415
484+50	59	14	1	0	0	0	0	104	24	4	0	0	0	0	684	60	0	0	0	0	0	0	491
484+68	68	15	2	0	0	0	0	42	10	1	0	0	0	0	727	61	0	0	0	0	0	0	523
485+00	96	17	1	0	0	0	0	97	19	2	0	0	0	0	824	63	0	0	0	0	0	0	599
485+50	126	23	5	0	0	0	0	205	37	6	0	0	0	0	1,029	69	0	0	0	0	0	0	761
486+00	395	55	0	0	0	0	0	482	72	5	0	0	0	0	1,511	75	0	0	0	0	0	0	1,165
486+50	530	99	0	0	0	0	0	856	143	0	0	0	0	0	2,367	75	0	0	0	0	0	0	1,879
487+00	457	62	0	0	0	0	0	913	149	0	0	0	0	0	3,281	75	0	0	0	0	0	0	2,642
487+50	441	61	3	0	0	0	0	831	114	3	0	0	0	0	4,111	78	0	0	0	0	0	0	3,356
488+00	375	80	2	0	0	0	0	755	131	5	0	0	0	0	4,866	83	0	0	0	0	0	0	3,976
488+50	272	53	0	0	0	0	0	599	123	2	0	0	0	0	5,466	85	0	0	0	0	0	0	4,450
489+00	145	23	2	0	0	0	0	386	70	2	0	0	0	0	5,852	87	0	0	0	0	0	0	4,764
489+50	125	19	0	0	0	0	0	250	39	2	0	0	0	0	6,102	89	0	0	0	0	0	0	4,973
489+83	108	15	0	0	0	0	0	142	21	0	0	0	0	0	6,244	89	0	0	0	0	0	0	5,094
490+00	71	15	0	0	0	0	0	56	9	0	0	0	0	0	6,300	89	0	0	0	0	0	0	5,141
490+50	61	13	0	0	0	0	0	123	26	0	0	0	0	0	6,423	89	0	0	0	0	0	0	5,238
491+00	53	11	0	0	0	0	0	106	22	0	0	0	0	0	6,529	89	0	0	0	0	0	0	5,321
491+50	46	9	0	0	0	0	0	92	19	0	0	0	0	0	6,621	90	0	0	0	0	0	0	5,394
492+00	43	8	0	0	0	0	0	83	16	0	0	0	0	0	6,703	90	0	0	0	0	0	0	5,461
492+38	36	8	0	0	0	0	0	56	11	0	0	0	0	0	6,759	90	0	0	0	0	0	0	5,506
492+50	22	7	0	0	0	0	0	13	3	0	0	0	0	0	6,772	90	0	0	0	0	0	0	5,516
493+00	22	7	0	0	0	0	0	41	13	0	0	0	0	0	6,813	90	0	0	0	0	0	0	5,544
493+50	19	5	0	0	0	0	0	38	11	0	0	0	0	0	6,852	90	0	0	0	0	0	0	5,571
494+00	16	2	0	0	0	0	0	32	6	0	0	0	0	0	6,884	90	0	0	0	0	0	0	5,597
494+50	22	0	0	0	0	0	0	35	2	0	0	0	0	0	6,919	90	0	0	0	0	0	0	5,630
494+88	21	0	0	0	0	0	0	30	0	0	0	0	0	0	6,949	90	0	0	0	0	0	0	5,659

CONTINUED

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 6 -- STH 29 CONTINUED

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
552+30	14	0	0	0	0	0	0	0	0	0	0	0	0	0	6,949	90	0	0	0	0	0	0	5,659
552+50	14	0	0	0	0	0	0	10	0	0	0	0	0	0	6,959	90	0	0	0	0	0	0	5,670
553+00	16	1	0	0	0	0	0	28	1	0	0	0	0	0	6,987	90	0	0	0	0	0	0	5,697
553+50	21	4	0	0	0	0	0	35	5	0	0	0	0	0	7,021	90	0	0	0	0	0	0	5,727
554+00	26	6	0	0	0	0	0	43	9	0	0	0	0	0	7,064	90	0	0	0	0	0	0	5,761
554+50	29	7	0	0	0	0	0	50	12	0	0	0	0	0	7,115	90	0	0	0	0	0	0	5,799
555+00	31	8	0	0	0	0	0	55	14	0	0	0	0	0	7,170	90	0	0	0	0	0	0	5,840
555+50	34	9	0	0	0	0	0	60	16	0	0	0	0	0	7,230	90	0	0	0	0	0	0	5,885
556+00	51	10	0	0	0	0	0	78	18	0	0	0	0	0	7,309	90	0	0	0	0	0	0	5,946
556+50	75	13	0	0	0	0	0	116	21	0	0	0	0	0	7,424	90	0	0	0	0	0	0	6,040
557+00	93	32	0	0	0	0	0	155	42	0	0	0	0	0	7,579	90	0	0	0	0	0	0	6,153
557+50	231	54	40	0	0	0	0	299	80	37	0	0	0	0	7,879	126	0	0	0	0	0	0	6,336
558+00	232	56	25	0	0	0	0	428	102	60	0	0	0	0	8,307	187	0	0	0	0	0	0	6,603
558+50	274	65	3	0	0	0	0	468	112	26	0	0	0	0	8,776	213	0	0	0	0	0	0	6,933
559+00	410	117	0	0	0	0	0	634	169	3	0	0	0	0	9,409	215	0	0	0	0	0	0	7,395
559+50	476	114	0	0	0	0	0	821	214	0	0	0	0	0	10,230	215	0	0	0	0	0	0	8,002
560+00	294	72	0	0	0	0	0	713	172	0	0	0	0	0	10,942	216	0	0	0	0	0	0	8,542
560+50	254	45	24	0	0	0	0	507	108	22	0	0	0	0	11,449	237	0	0	0	0	0	0	8,919
561+00	226	38	30	0	0	0	0	445	77	49	0	0	0	0	11,894	287	0	0	0	0	0	0	9,238
561+50	199	37	37	0	0	0	0	394	69	62	0	0	0	0	12,289	348	0	0	0	0	0	0	9,501
562+00	194	35	36	0	0	0	0	364	67	67	0	0	0	0	12,653	415	0	0	0	0	0	0	9,731
562+50	185	33	32	0	0	0	0	350	63	62	0	0	0	0	13,003	478	0	0	0	0	0	0	9,956
563+00	126	33	37	0	0	0	0	288	61	64	0	0	0	0	13,291	542	0	0	0	0	0	0	10,119
563+50	109	32	16	0	0	0	0	217	60	49	0	0	0	0	13,508	591	0	0	0	0	0	0	10,227
564+00	100	29	7	0	0	0	0	193	56	21	0	0	0	0	13,701	612	0	0	0	0	0	0	10,342
564+50	86	27	4	0	0	0	0	172	52	11	0	0	0	0	13,873	623	0	0	0	0	0	0	10,452
565+00	75	21	3	0	0	0	0	149	44	6	0	0	0	0	14,021	629	0	0	0	0	0	0	10,550
565+50	61	16	1	0	0	0	0	126	34	4	0	0	0	0	14,147	633	0	0	0	0	0	0	10,637
566+00	52	12	4	0	0	0	0	105	26	5	0	0	0	0	14,252	637	0	0	0	0	0	0	10,711
566+11	51	12	2	0	0	0	0	21	5	1	0	0	0	0	14,273	639	0	0	0	0	0	0	10,726
566+50	38	11	2	0	0	0	0	64	17	3	0	0	0	0	14,337	642	0	0	0	0	0	0	10,771
566+61	38	11	2	0	0	0	0	15	4	1	0	0	0	0	14,353	643	0	0	0	0	0	0	10,781
567+00	19	6	4	0	0	0	0	41	12	5	0	0	0	0	14,394	647	0	0	0	0	0	0	10,805
567+22	19	6	4	0	0	0	0	16	5	3	0	0	0	0	14,409	651	0	0	0	0	0	0	10,813

CONTINUED

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 6 -- STH 29 CONTINUED

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
572+69	15	0	0	0	0	0	0	0	0	0	0	0	0	0	14,409	651	0	0	0	0	0	0	10,813
573+00	16	1	0	0	0	0	0	18	1	0	0	0	0	0	14,427	651	0	0	0	0	0	0	10,830
573+50	19	3	0	0	0	0	0	33	4	0	0	0	0	0	14,460	651	0	0	0	0	0	0	10,859
574+00	23	5	0	0	0	0	0	39	7	0	0	0	0	0	14,499	651	0	0	0	0	0	0	10,891
574+50	24	6	0	0	0	0	0	43	10	0	0	0	0	0	14,542	651	0	0	0	0	0	0	10,924
575+00	26	6	0	0	0	0	0	46	11	0	0	0	0	0	14,588	651	0	0	0	0	0	0	10,958
575+50	26	6	0	0	0	0	0	48	11	0	0	0	0	0	14,636	651	0	0	0	0	0	0	10,995
576+00	28	6	0	0	0	0	0	49	11	0	0	0	0	0	14,685	651	0	0	0	0	0	0	11,033
576+50	61	6	5	0	0	0	0	82	11	4	0	0	0	0	14,768	655	0	0	0	0	0	0	11,100
577+00	75	8	0	0	0	0	0	126	13	5	0	0	0	0	14,894	659	0	0	0	0	0	0	11,209
577+50	166	19	0	0	0	0	0	223	25	0	0	0	0	0	15,117	660	0	0	0	0	0	0	11,407
578+00	265	31	0	0	0	0	0	400	46	0	0	0	0	0	15,517	660	0	0	0	0	0	0	11,760
578+50	345	50	0	0	0	0	0	565	75	0	0	0	0	0	16,082	660	0	0	0	0	0	0	12,250
579+00	213	1	0	0	0	0	0	517	47	0	0	0	0	0	16,599	660	0	0	0	0	0	0	12,720
579+50	44	0	12	0	0	0	0	238	1	11	0	0	0	0	16,837	670	0	0	0	0	0	0	12,946
579+54	44	0	9	0	0	0	0	7	0	2	0	0	0	0	16,843	672	0	0	0	0	0	0	12,951
								16,843	3,220	672	0	0	0	0									

Stage 6 -- Existing Old HWY 29

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
716+20	74	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
716+50	172	16	0	0	0	0	0	137	18	0	0	0	0	0	137	0	0	0	0	0	0	0	119
717+00	243	16	0	0	0	0	0	384	30	0	0	0	0	0	521	0	0	0	0	0	0	0	473
717+50	247	16	0	0	0	0	0	454	30	0	0	0	0	0	975	0	0	0	0	0	0	0	898
718+00	249	16	0	0	0	0	0	460	30	0	0	0	0	0	1,435	0	0	0	0	0	0	0	1,328
718+50	240	16	0	0	0	0	0	453	30	0	0	0	0	0	1,888	0	0	0	0	0	0	0	1,751
719+00	226	16	2	0	0	0	0	431	30	2	0	0	0	0	2,319	2	0	0	0	0	0	0	2,151
719+50	234	16	1	0	0	0	0	426	30	2	0	0	0	0	2,745	4	0	0	0	0	0	0	2,545
720+00	226	16	0	0	0	0	0	426	30	1	0	0	0	0	3,171	5	0	0	0	0	0	0	2,940
720+50	202	16	0	0	0	0	0	396	30	0	0	0	0	0	3,567	6	0	0	0	0	0	0	3,306
721+00	218	19	0	0	0	0	0	388	32	0	0	0	0	0	3,955	6	0	0	0	0	0	0	3,662
721+41	90	25	0	0	0	0	0	233	33	0	0	0	0	0	4,188	6	0	0	0	0	0	0	3,861
								4,188	321	6	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 6 -- Ramp-C

STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
410+00	273	7	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
410+50	289	7	91	0	0	0	0	521	13	197	0	0	0	0	521	197	0	0	0	0	0	0	311
411+00	303	7	74	0	0	0	0	549	13	153	0	0	0	0	1,070	350	0	0	0	0	0	0	694
411+50	284	7	63	0	0	0	0	544	13	127	0	0	0	0	1,613	477	0	0	0	0	0	0	1,098
412+00	292	12	64	0	0	0	0	533	18	117	0	0	0	0	2,147	594	0	0	0	0	0	0	1,496
412+50	275	12	68	0	0	0	0	526	22	123	0	0	0	0	2,672	717	0	0	0	0	0	0	1,877
413+00	278	12	67	0	0	0	0	512	22	125	0	0	0	0	3,184	842	0	0	0	0	0	0	2,241
413+50	299	12	60	0	0	0	0	534	22	118	0	0	0	0	3,718	960	0	0	0	0	0	0	2,635
414+00	355	12	43	0	0	0	0	606	22	96	0	0	0	0	4,325	1,057	0	0	0	0	0	0	3,123
414+42	401	12	33	0	0	0	0	589	19	60	0	0	0	0	4,913	1,116	0	0	0	0	0	0	3,633
								4,913	164	1,116	0	0	0	0									

Stage 6 -- Existing County Line

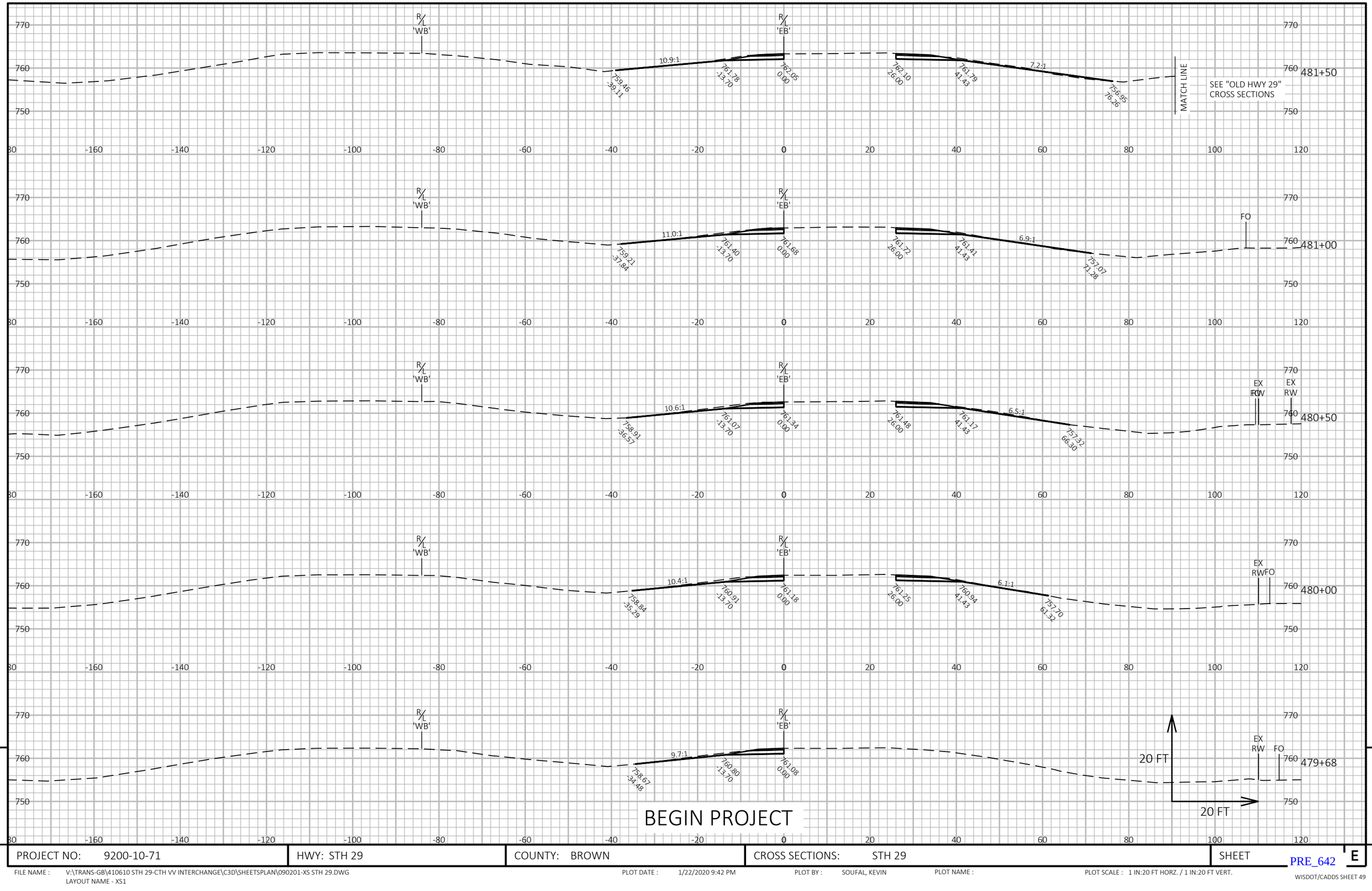
STATION	AREA (SF) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Incremental Vol (CY) (Unadjusted) Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cumulative Vol (CY) Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 4	Note 8	Note 9
705+17	143	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
705+50	231	17	0	0	0	0	0	229	16	0	0	0	0	0	229	0	0	0	0	0	0	0	213
706+00	350	23	0	0	0	0	0	538	37	0	0	0	0	0	767	0	0	0	0	0	0	0	714
706+51	196	13	0	0	0	0	0	515	34	0	0	0	0	0	1,282	0	0	0	0	0	0	0	1,196
								1,282	87	0	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill

Stage 6 -- Old HWY 29

STATION	AREA (SF)							Incremental Vol (CY) (Unadjusted)							Cumulative Vol (CY)								
	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Unusable Pavement Material	Fill	Topsoil EBS	Select Crushed Material	Select Borrow	EBS	Cut	Expanded Fill	Expanded Topsoil EBS Backfill	Expanded Select Crushed Mat	Expanded Select Borrow	Expanded EBS Backfill	Reduced Topsoil EBS in Fill	Reduced EBS in Fill	Mass Ordinate
															1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
								Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	Note 1	Note 8	Note 4			Note 6	Note 7	Note 8	Note 9
100+00	52	20	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100+50	53	20	8	0	0	0	0	97	37	14	0	0	0	0	97	14	0	0	0	0	0	0	46
101+00	64	20	1	0	0	0	0	109	37	8	0	0	0	0	206	22	0	0	0	0	0	0	110
101+50	33	20	7	0	0	0	0	90	37	7	0	0	0	0	296	29	0	0	0	0	0	0	155
102+00	41	20	21	0	0	0	0	69	37	26	0	0	0	0	365	55	0	0	0	0	0	0	161
102+12	46	20	22	0	0	0	0	19	9	10	0	0	0	0	384	65	0	0	0	0	0	0	162
102+50	35	20	29	0	0	0	0	57	28	36	0	0	0	0	441	101	0	0	0	0	0	0	155
103+00	62	20	9	0	0	0	0	90	37	36	0	0	0	0	531	137	0	0	0	0	0	0	172
103+50	30	23	14	0	0	0	0	85	40	21	0	0	0	0	616	158	0	0	0	0	0	0	196
104+00	211	57	20	0	0	0	0	223	74	32	0	0	0	0	839	190	0	0	0	0	0	0	313
104+50	274	43	28	0	0	0	0	448	93	45	0	0	0	0	1,287	234	0	0	0	0	0	0	624
104+82	229	22	185	0	0	0	0	298	39	127	0	0	0	0	1,585	361	0	0	0	0	0	0	757
105+00	108	11	254	0	0	0	0	112	11	146	0	0	0	0	1,697	507	0	0	0	0	0	0	712
105+50	42	0	313	0	0	0	0	139	10	525	0	0	0	0	1,836	1,032	0	0	0	0	0	0	315
106+00	1	0	193	0	0	0	0	41	0	469	0	0	0	0	1,876	1,501	0	0	0	0	0	0	-113
106+50	0	0	114	0	0	0	0	1	0	284	0	0	0	0	1,878	1,785	0	0	0	0	0	0	-396
107+00	1	0	68	0	0	0	0	0	0	169	0	0	0	0	1,878	1,954	0	0	0	0	0	0	-564
107+50	2	0	59	0	0	0	0	2	0	118	0	0	0	0	1,880	2,072	0	0	0	0	0	0	-680
108+00	0	0	77	0	0	0	0	1	0	127	0	0	0	0	1,882	2,198	0	0	0	0	0	0	-805
108+50	0	0	84	0	0	0	0	0	0	149	0	0	0	0	1,882	2,348	0	0	0	0	0	0	-954
109+00	3	0	136	0	0	0	0	3	0	203	0	0	0	0	1,884	2,551	0	0	0	0	0	0	-1,155
109+50	58	0	215	0	0	0	0	56	0	325	0	0	0	0	1,941	2,876	0	0	0	0	0	0	-1,423
110+00	170	16	221	0	0	0	0	212	15	404	0	0	0	0	2,152	3,279	0	0	0	0	0	0	-1,630
110+50	127	17	148	0	0	0	0	275	31	341	0	0	0	0	2,428	3,621	0	0	0	0	0	0	-1,727
111+00	103	17	38	0	0	0	0	213	31	172	0	0	0	0	2,641	3,792	0	0	0	0	0	0	-1,717
111+50	73	17	2	0	0	0	0	163	31	37	0	0	0	0	2,804	3,829	0	0	0	0	0	0	-1,622
112+00	71	17	0	0	0	0	0	134	31	2	0	0	0	0	2,938	3,832	0	0	0	0	0	0	-1,522
112+50	77	21	1	0	0	0	0	138	35	1	0	0	0	0	3,075	3,832	0	0	0	0	0	0	-1,420
113+00	86	21	0	0	0	0	0	151	39	1	0	0	0	0	3,226	3,833	0	0	0	0	0	0	-1,309
113+50	105	21	0	0	0	0	0	177	39	0	0	0	0	0	3,403	3,833	0	0	0	0	0	0	-1,171
								3,403	741	3,833	0	0	0	0									

Notes:	
1 - Cut	Cut includes Unusable Pavement material
2 - Unusable Pavement Material	This does not show up in cross sections
3 - Fill	Unexpanded
4 - Topsoil EBS	Backfilled with Borow Material
5 - Select Crushed Material	Installed in soil mitigation areas.
6 - Select Borrow	Installed in soil mitigation areas.
7 - EBS	Backfilled with Select Curshed Material in soil mitigation areas.
8 - Reduced EBS in Fill	Reduced EBS Excavation that can be used in Fill
8 - Expanded Fill	Unexpanded Fill - Expanded Select Borrow - Expanded EBS)*Expanded Fill Factor
9 - Mass Ordinate	Cut - Unusuable Pavement Material + Select Borrow- (Fill - Reduced EBS in Fill)*Expanded Fill



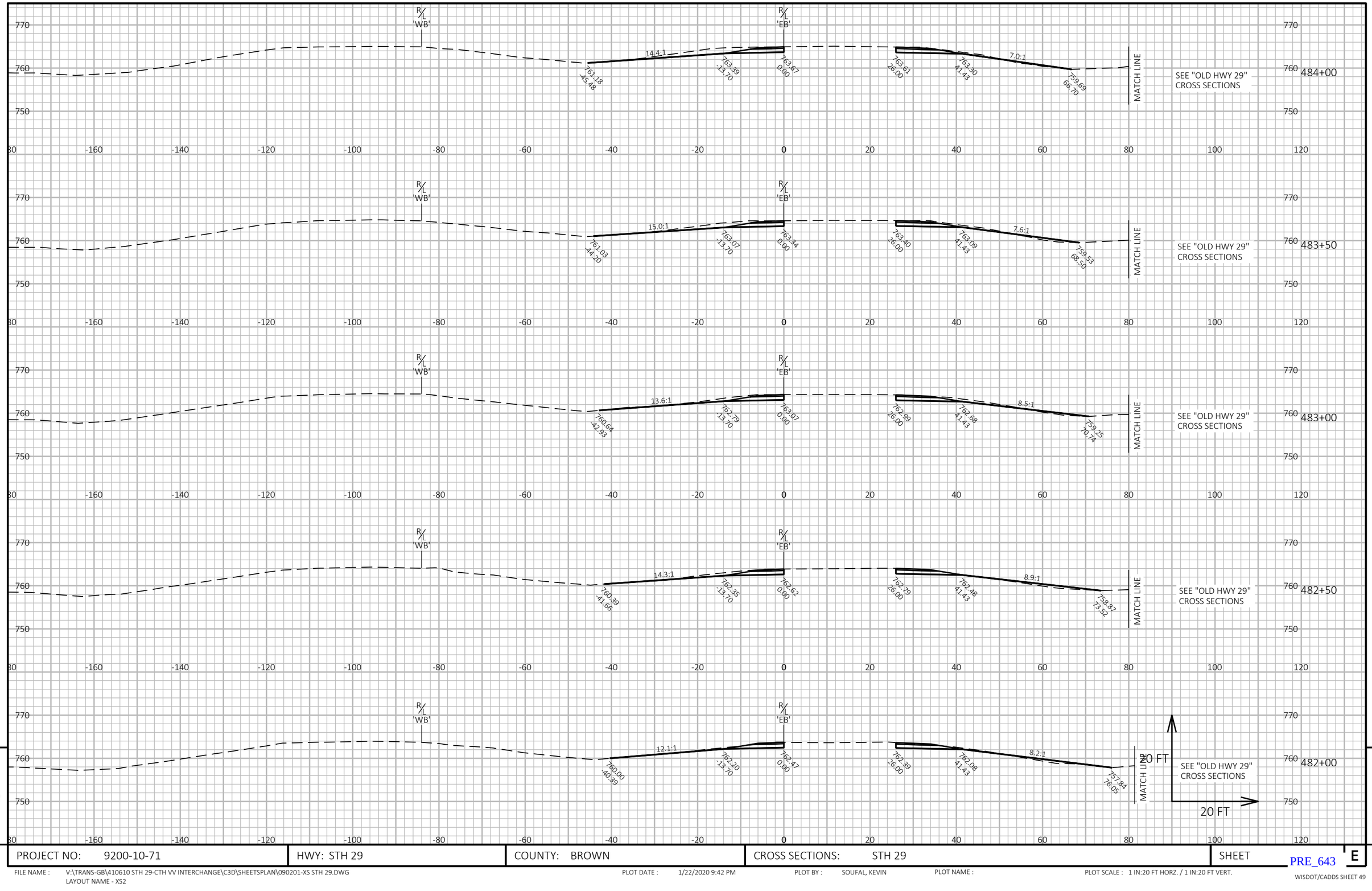
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS1

PLOT DATE : 1/22/2020 9:42 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_642

WISDOT/CADDS SHEET 49



20 FT

20 FT

9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_643

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS2

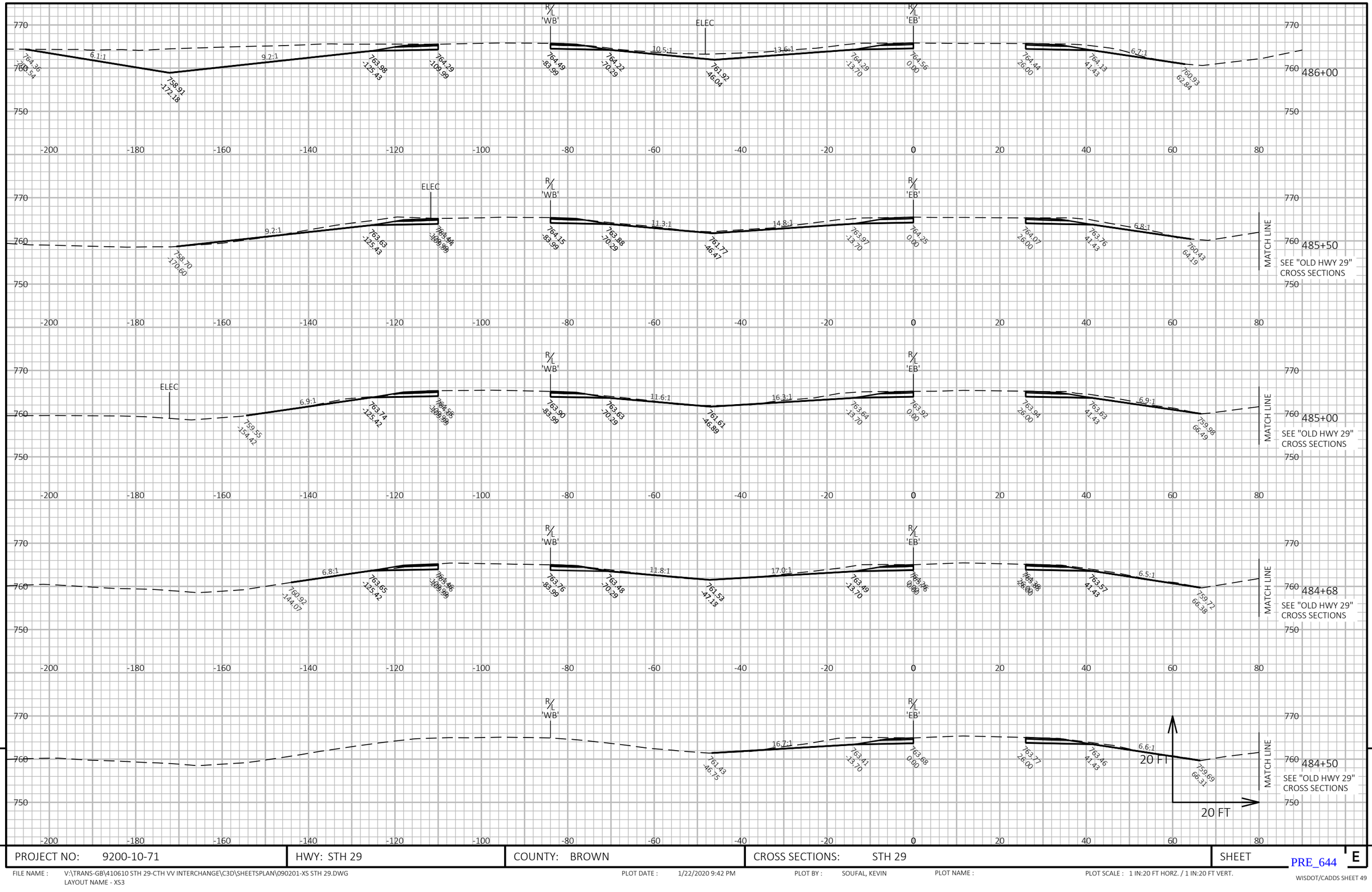
PLOT DATE : 1/22/2020 9:42 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

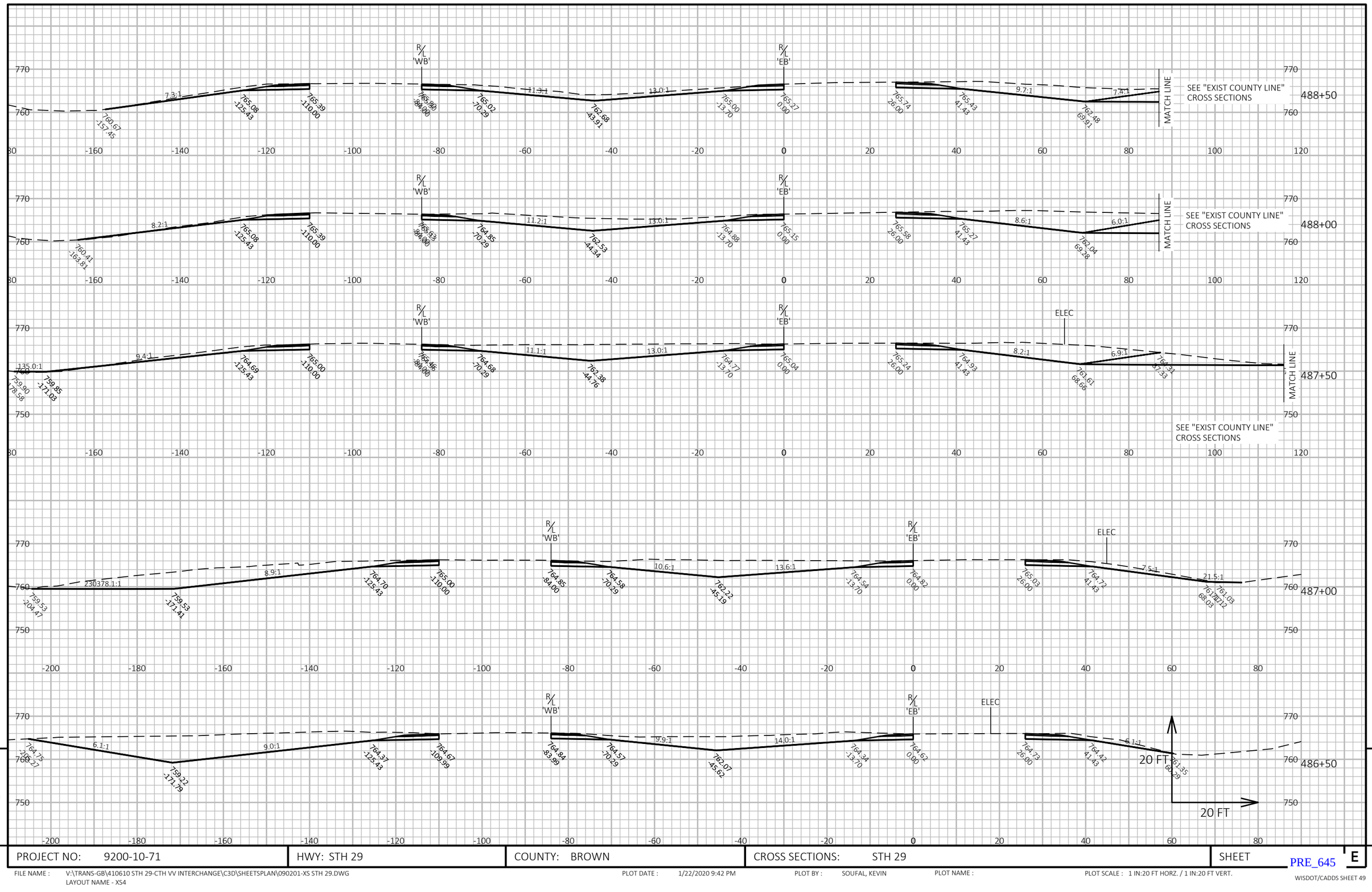
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_644

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS3

PLOT DATE : 1/22/2020 9:42 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_645

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS4

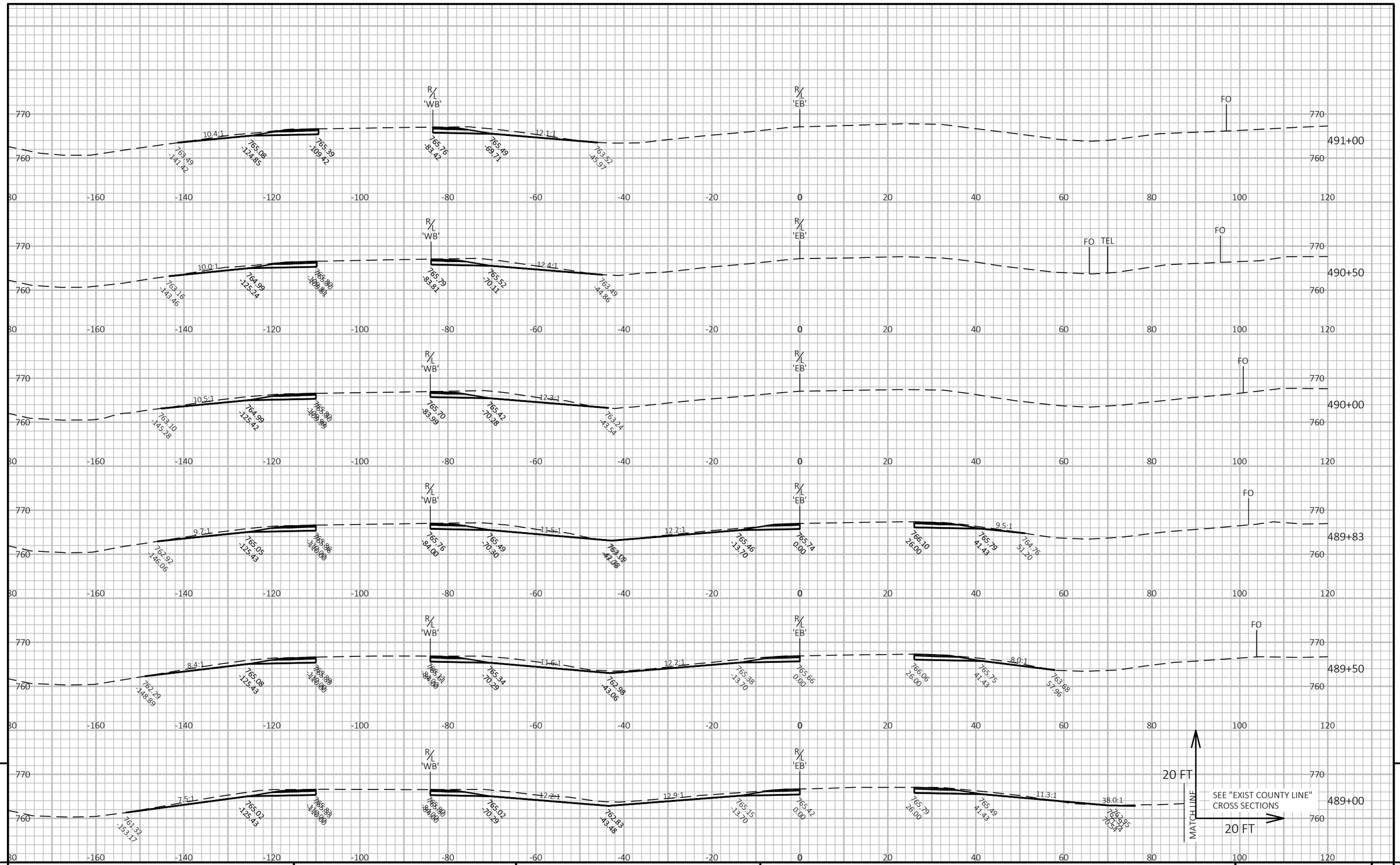
PLOT DATE : 1/22/2020 9:42 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_646

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS5

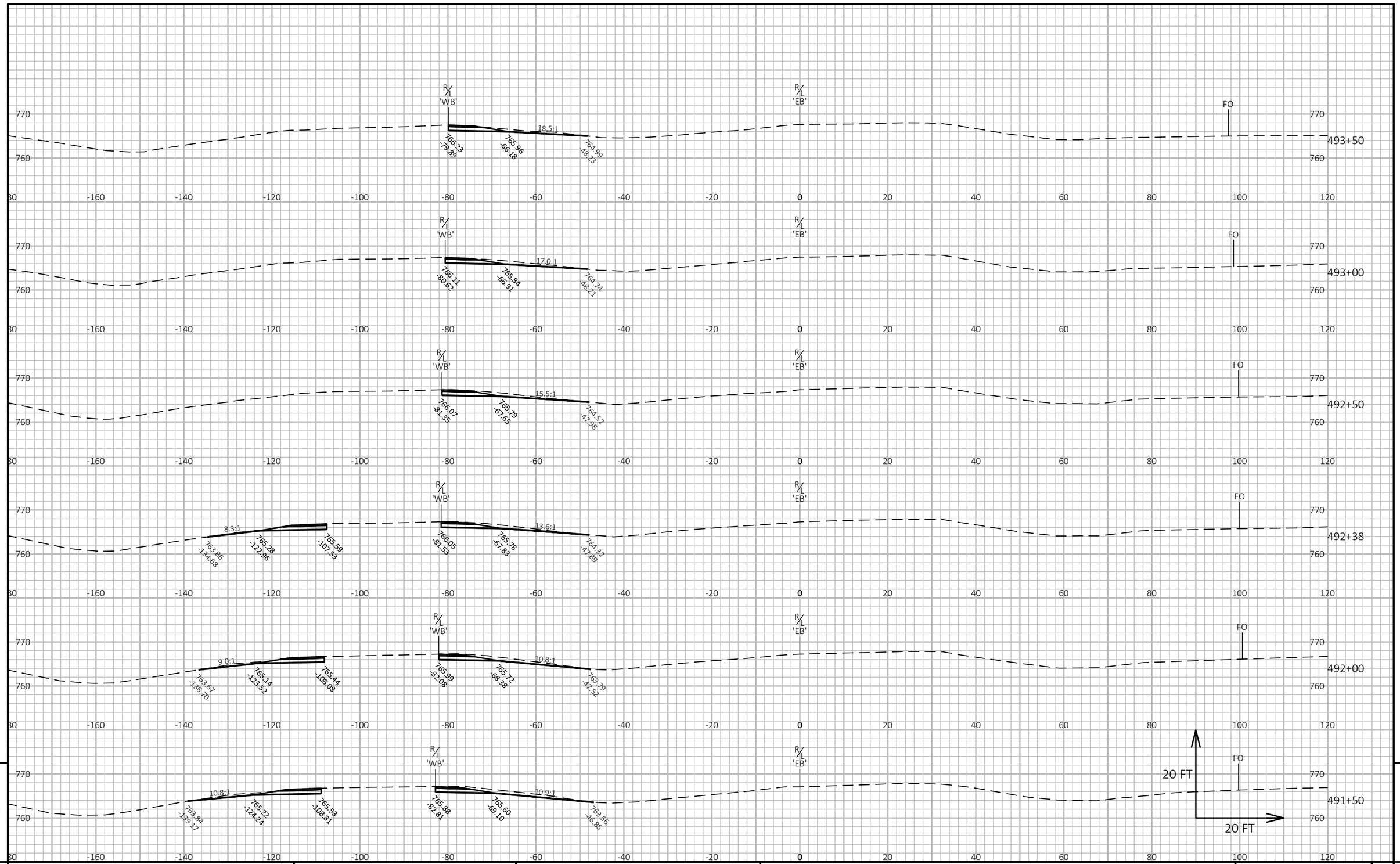
PLOT DATE : 1/22/2020 9:43 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_647

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS6

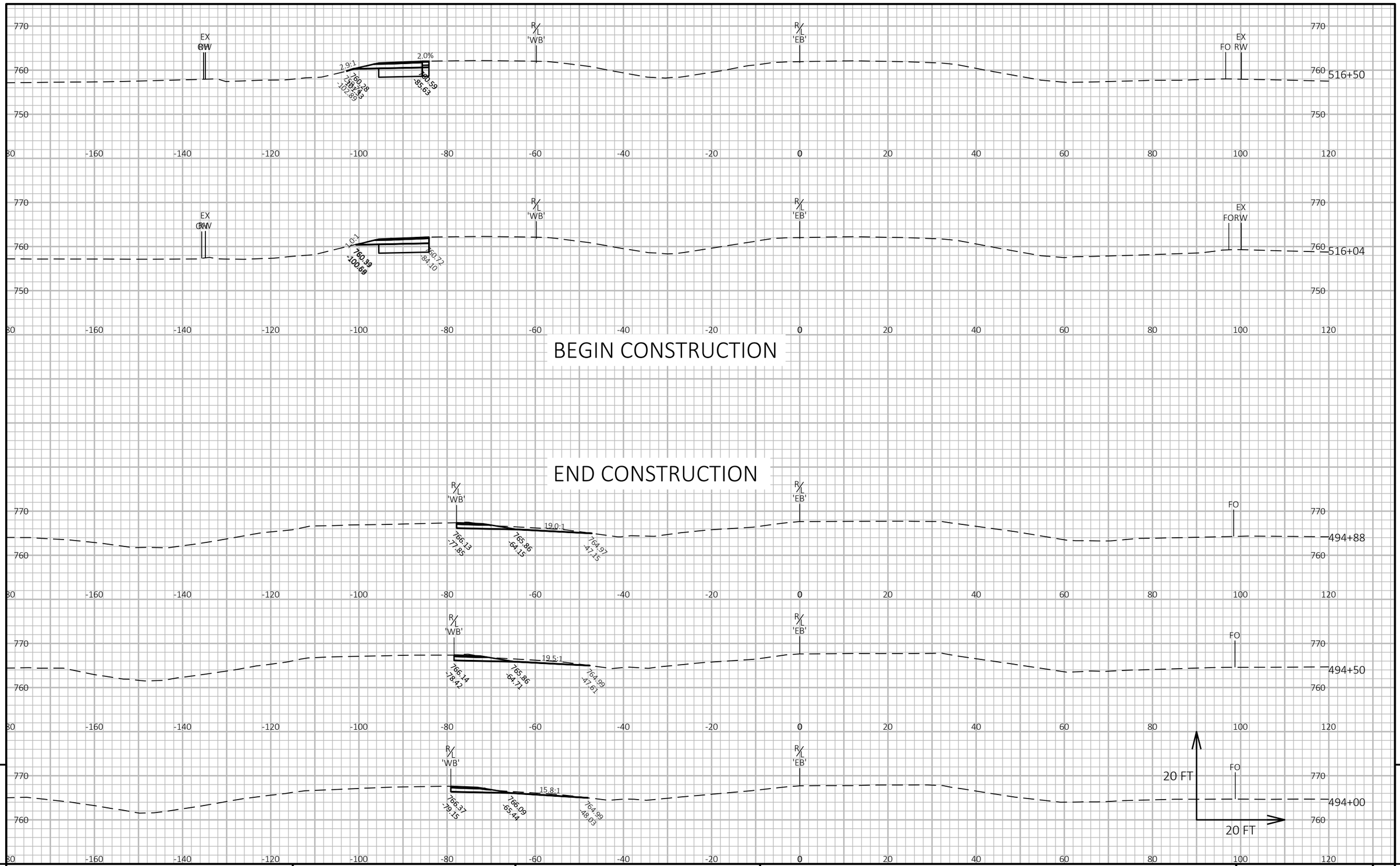
PLOT DATE : 1/22/2020 9:43 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



BEGIN CONSTRUCTION

END CONSTRUCTION

9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_648

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS7

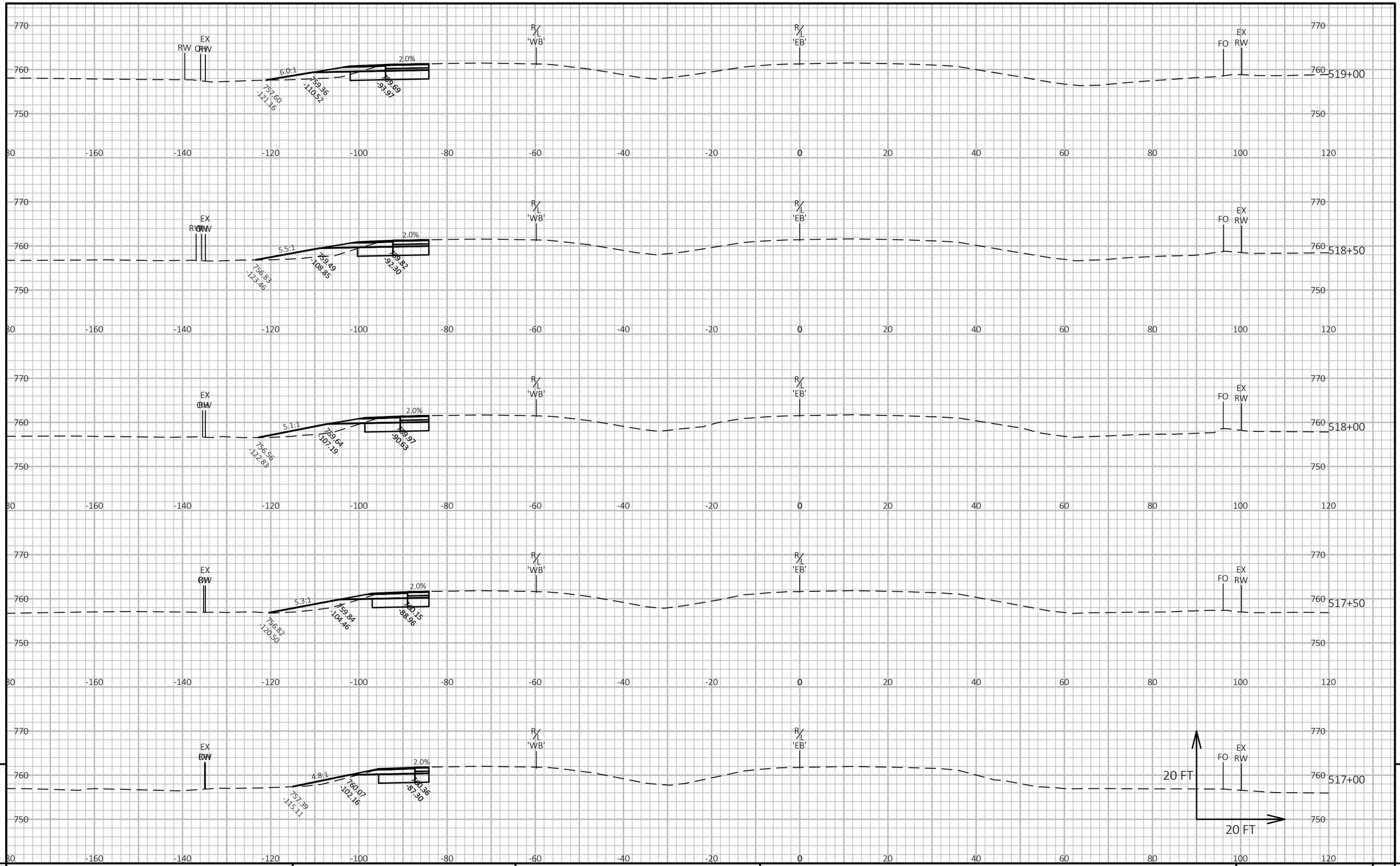
PLOT DATE : 1/22/2020 9:43 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



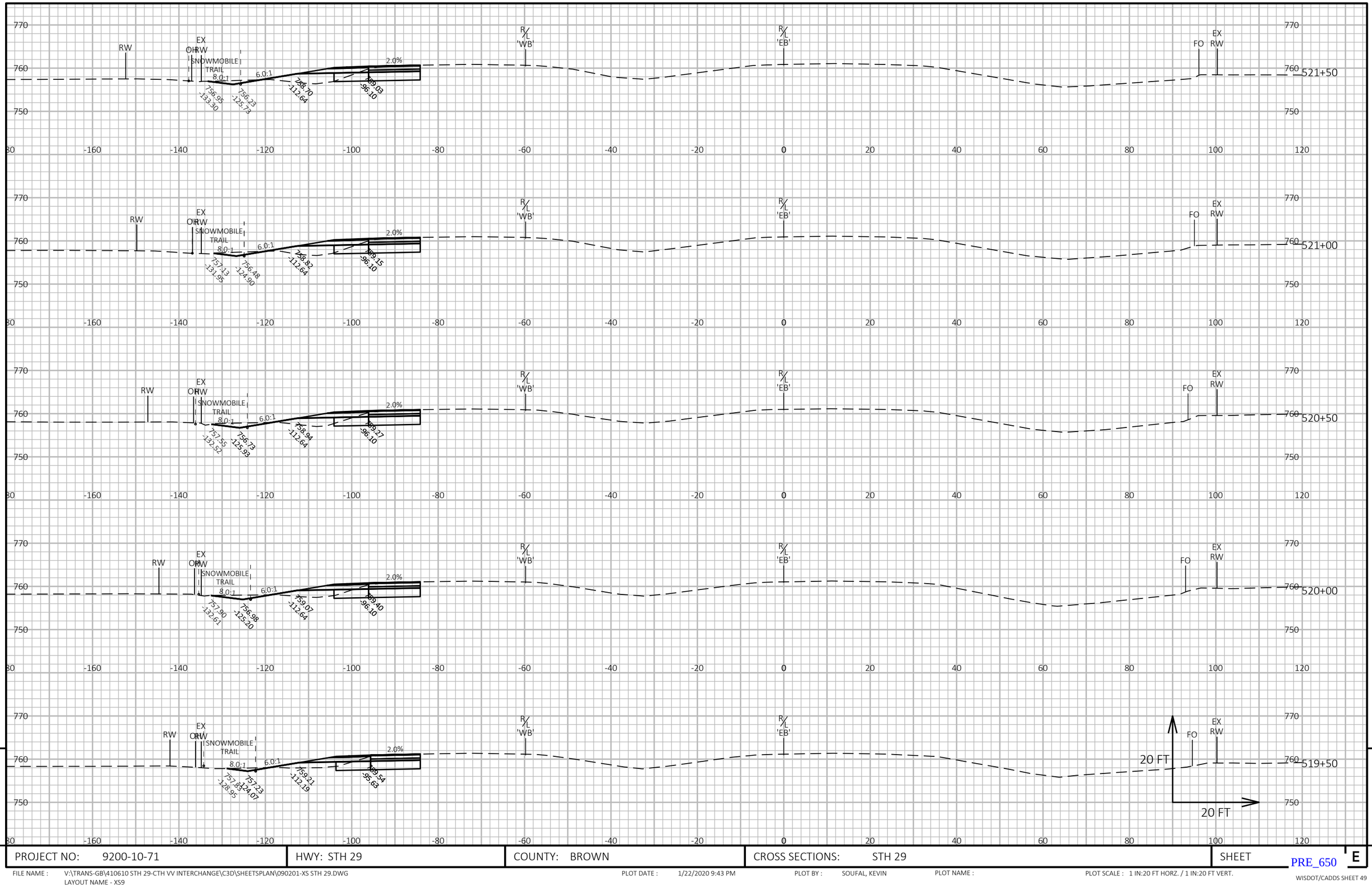
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS8

PLOT DATE : 1/22/2020 9:43 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_649

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS9

PLOT DATE : 1/22/2020 9:43 PM

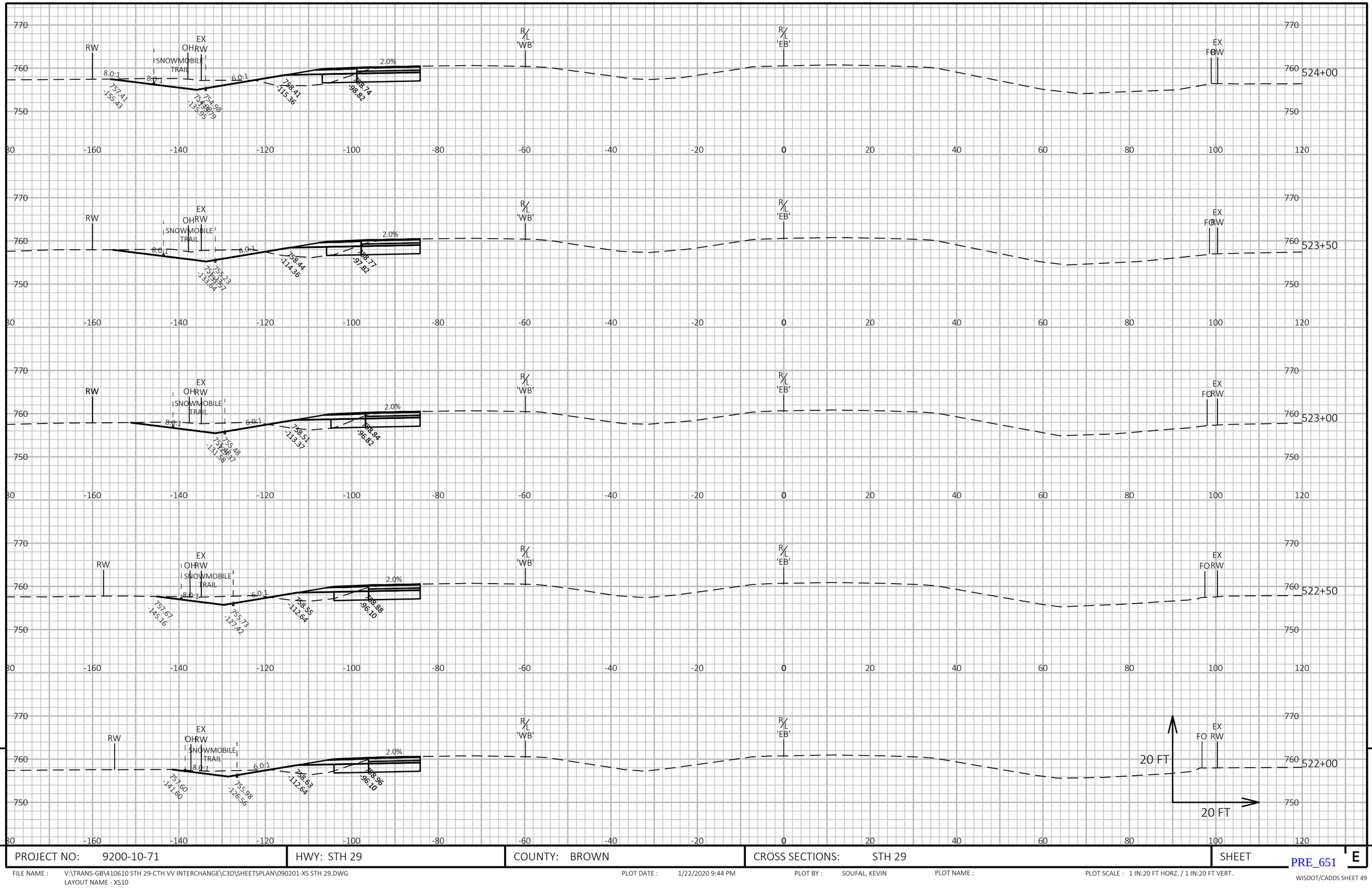
PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_650

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS10

PLOT DATE : 1/22/2020 9:44 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_651

WISDOT/CADDS SHEET 49

SEE "RAMP D" CROSS SECTIONS

MATCH LINE

R/L 'WB'

R/L 'EB'

525+65

2.0%
758.95
-31.56
758.62
48.15
5.7:1
754.40
72.40
FO
EX RW

525+50

RW
756.18
-155.36
SNOWMOBILE TRAIL
OH
EX RW
8.0:1
8.0:1
6.0:1
3.5%
755.99
-155.43
754.26
-141.58
757.81
-120.29
758.46
-101.81
2.0%
759.09
-23.91
758.96
-30.36
758.63
46.95
5.3:1
754.27
69.91
FO
EX RW

525+00

RW
756.16
-152.64
SNOWMOBILE TRAIL
OH
EX RW
8.0:1
6.0:1
2.0%
754.48
-140.80
758.28
-117.36
758.71
-100.81
2.0%
759.02
-23.91
758.97
-30.37
758.67
43.78
7.2:1
756.55
59.00
EX RW

524+50

RW
SNOWMOBILE TRAIL
OH
EX RW
8.0:1
6.0:1
2.0%
754.73
-138.38
758.39
-116.36
758.73
-99.81
759.12
-23.91
758.73
43.36
4.0:1
756.97
50.39
EX RW

524+20

RW
SNOWMOBILE TRAIL
OH
EX RW
8.0:1
6.0:1
2.0%
754.88
-136.92
758.40
-115.76
758.73
-99.22
759.10
-23.91
758.71
43.31
4.1:1
756.89
50.83
20 FT
20 FT
EX RW

9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS11

PLOT DATE : 1/22/2020 9:44 PM

PLOT BY : SOUFAL, KEVIN

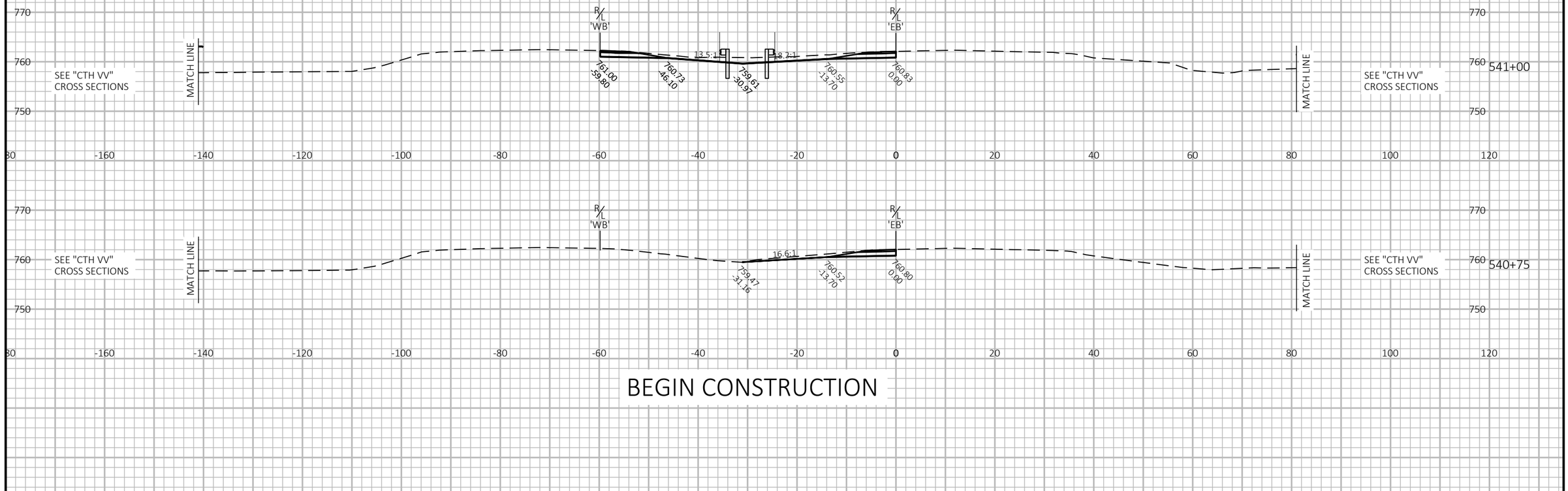
PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

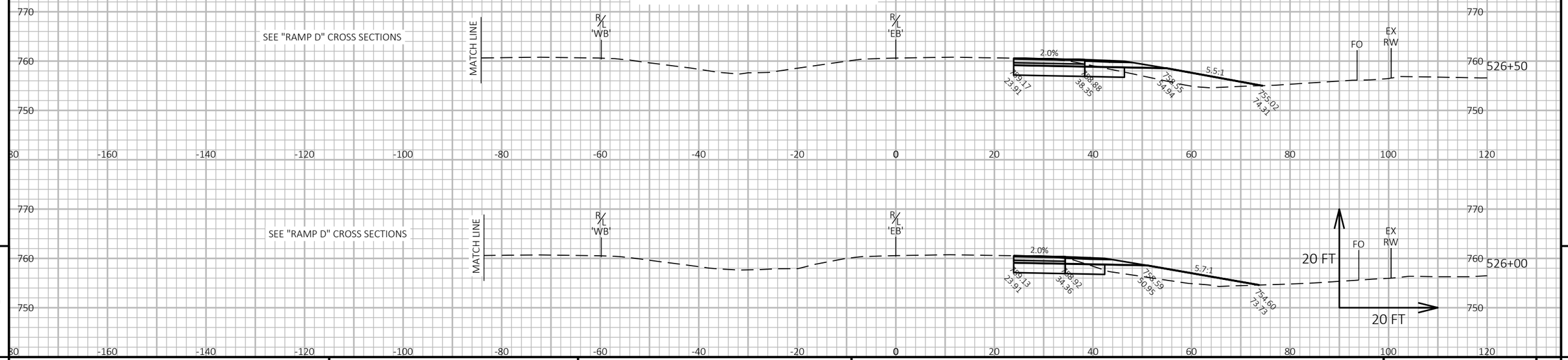
PRE_652

WISDOT/CADDS SHEET 49

BEGIN CONSTRUCTION



END CONSTRUCTION



9

9

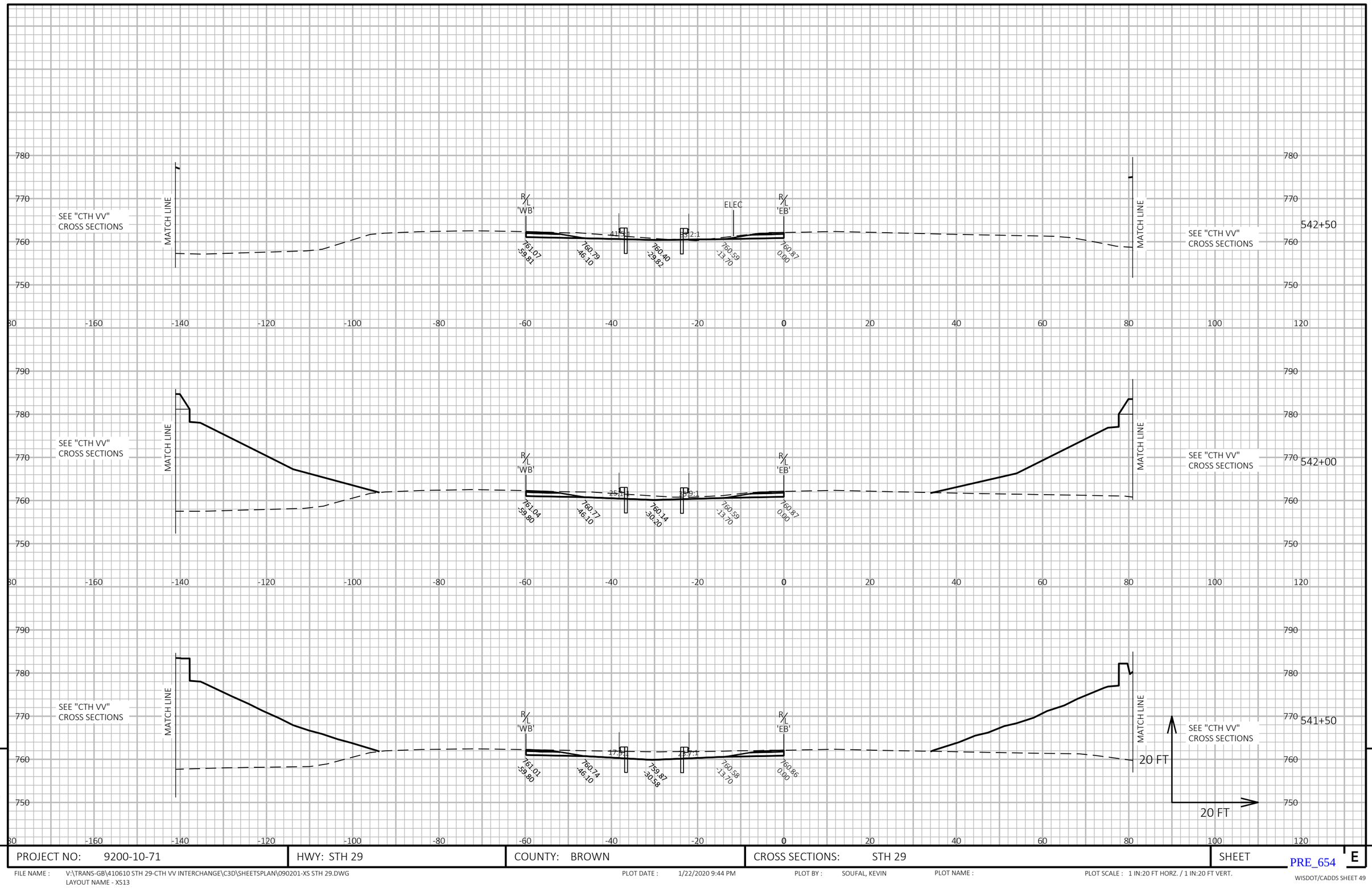
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_653

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS12

PLOT DATE : 1/22/2020 9:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

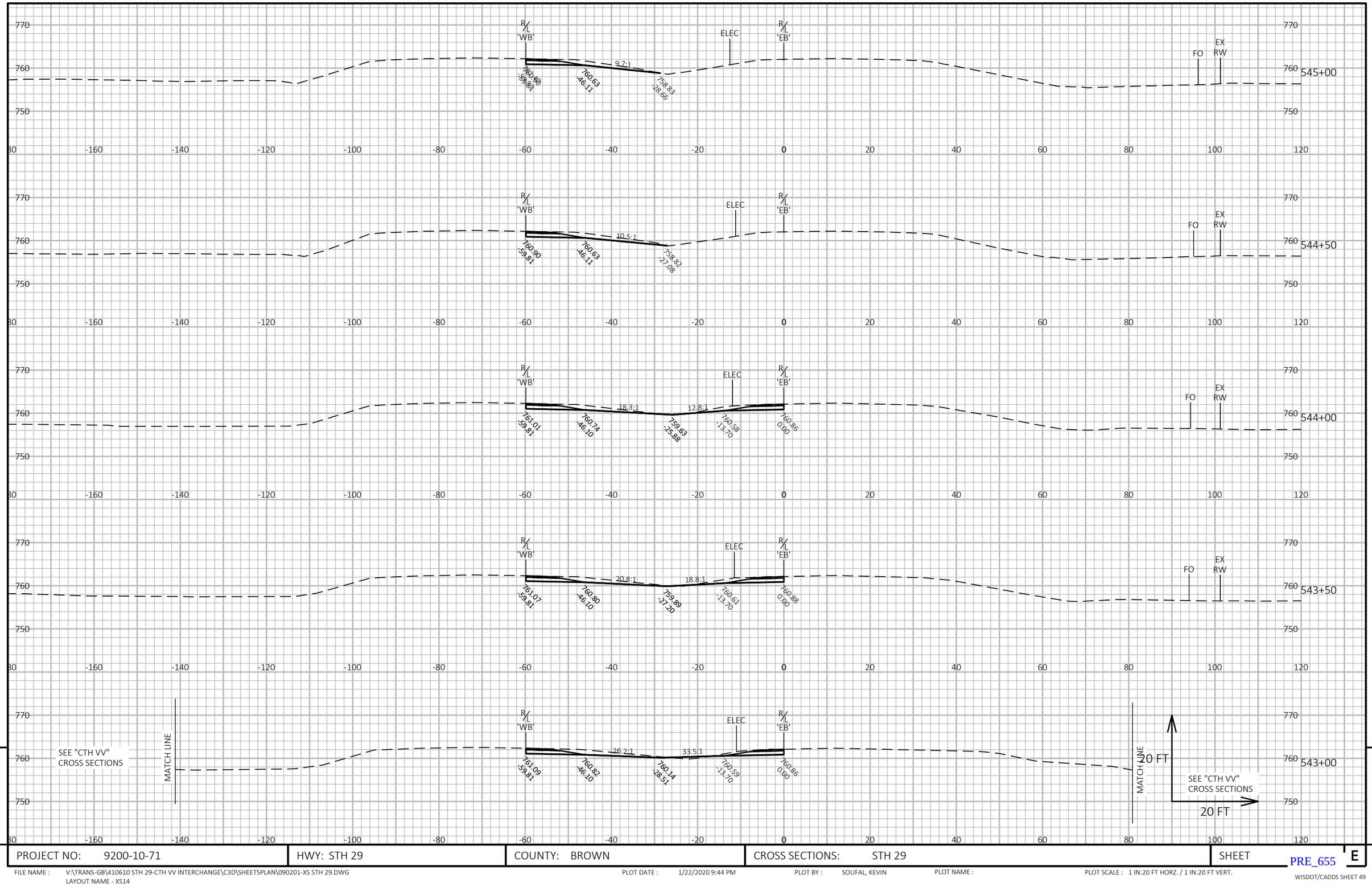
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_654

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS13

PLOT DATE : 1/22/2020 9:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

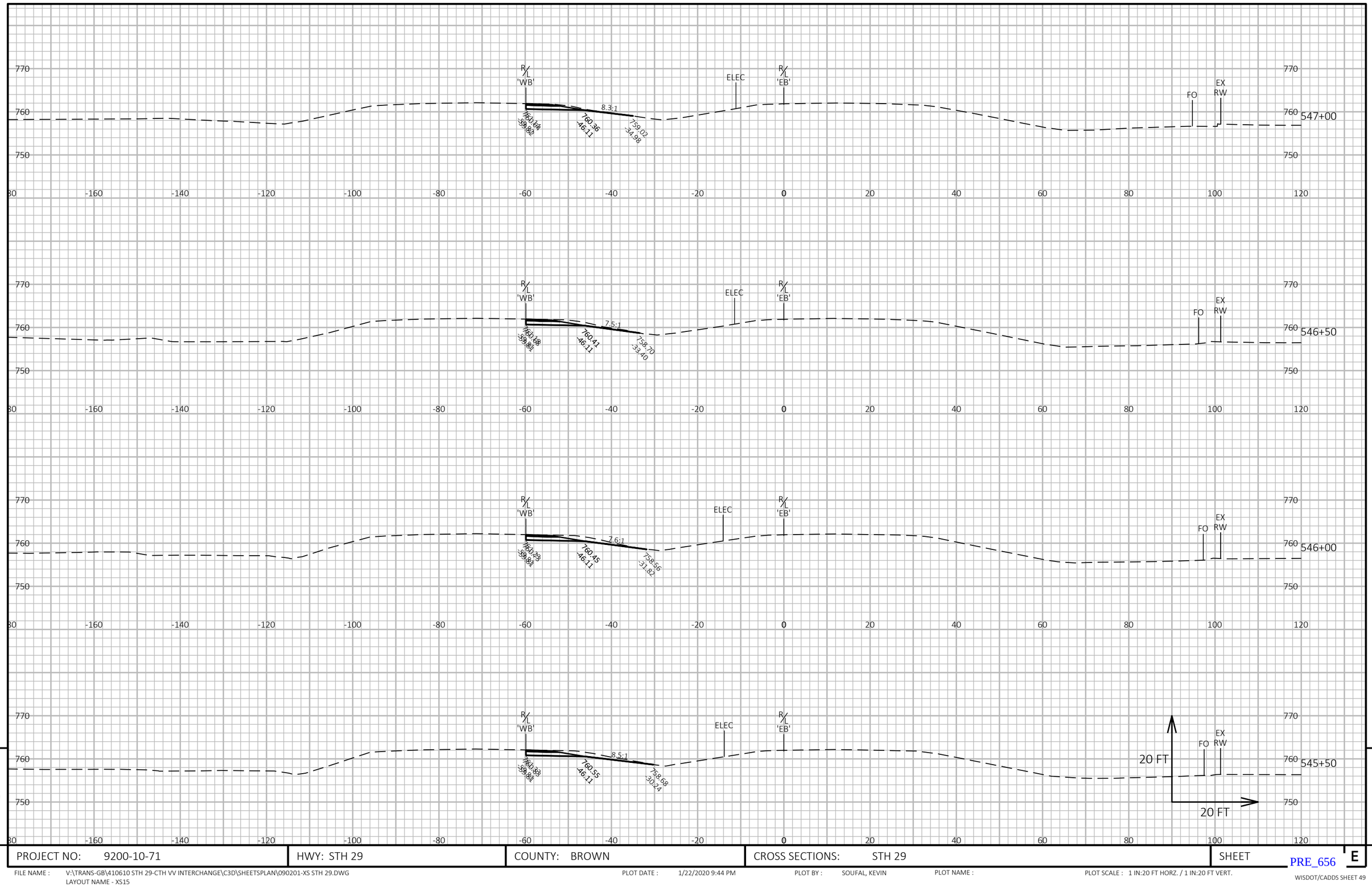
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_655

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS14

PLOT DATE : 1/22/2020 9:44 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET

PRE_656

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS15

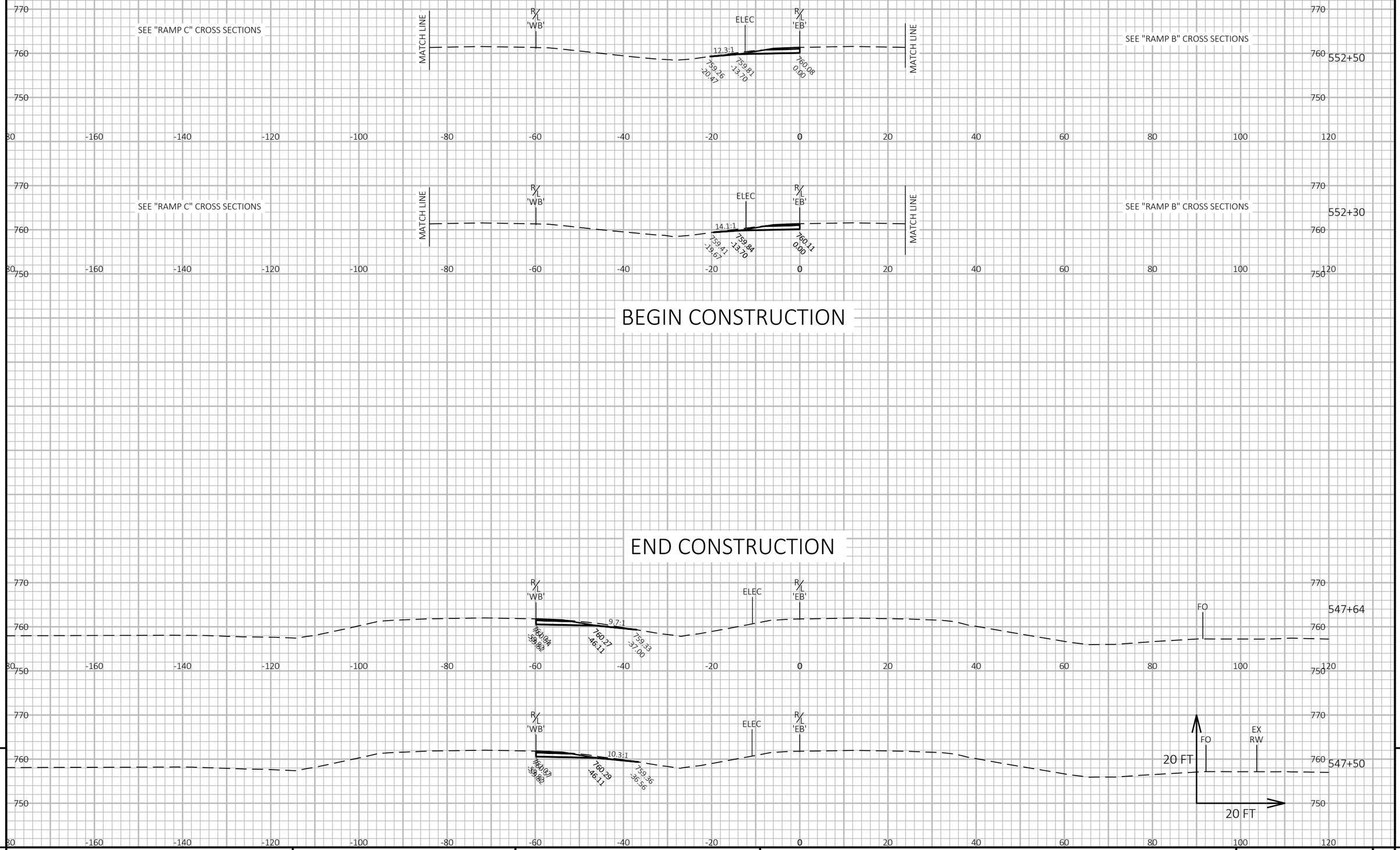
PLOT DATE : 1/22/2020 9:44 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_657

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS16

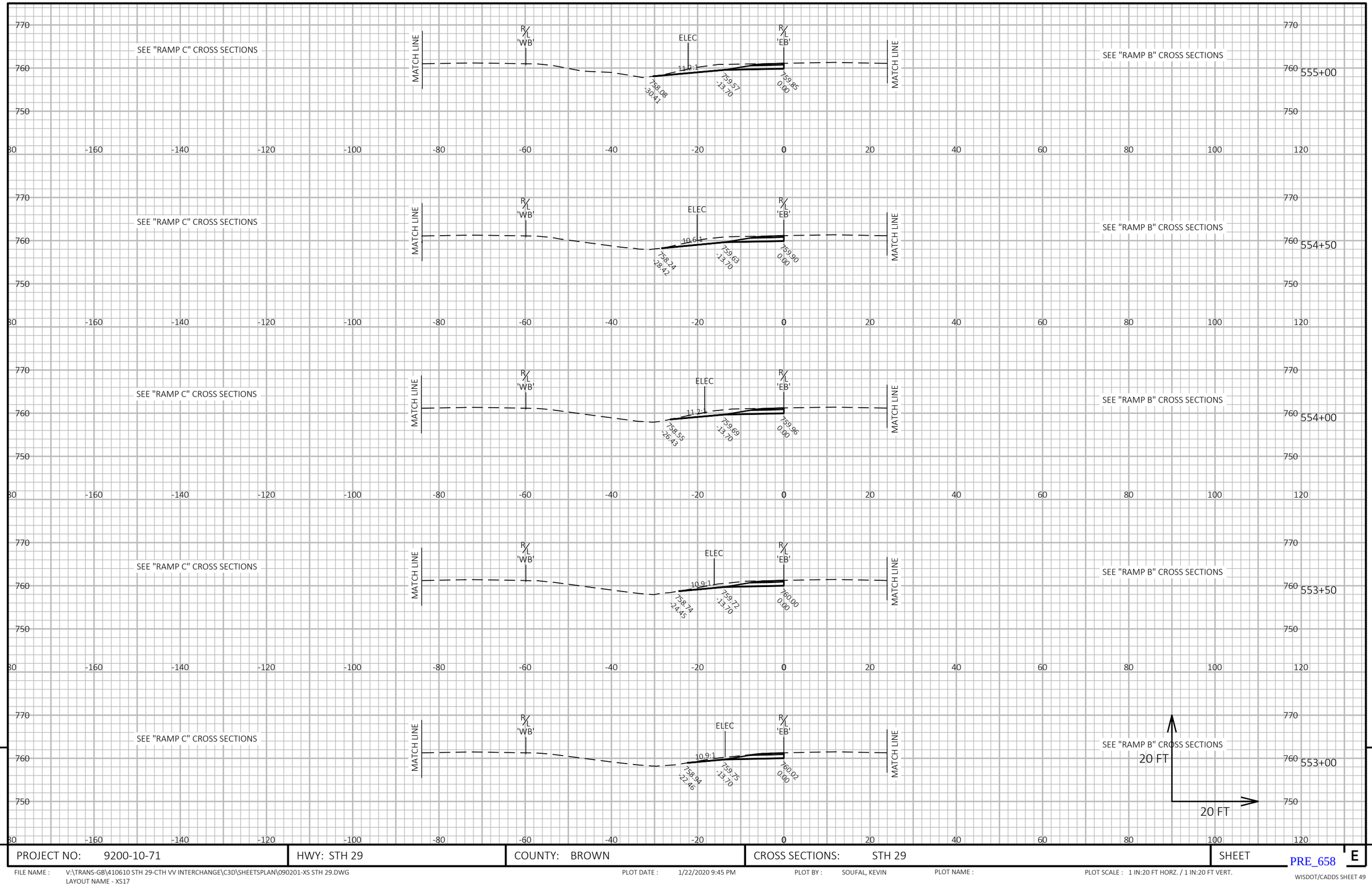
PLOT DATE : 1/22/2020 9:45 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

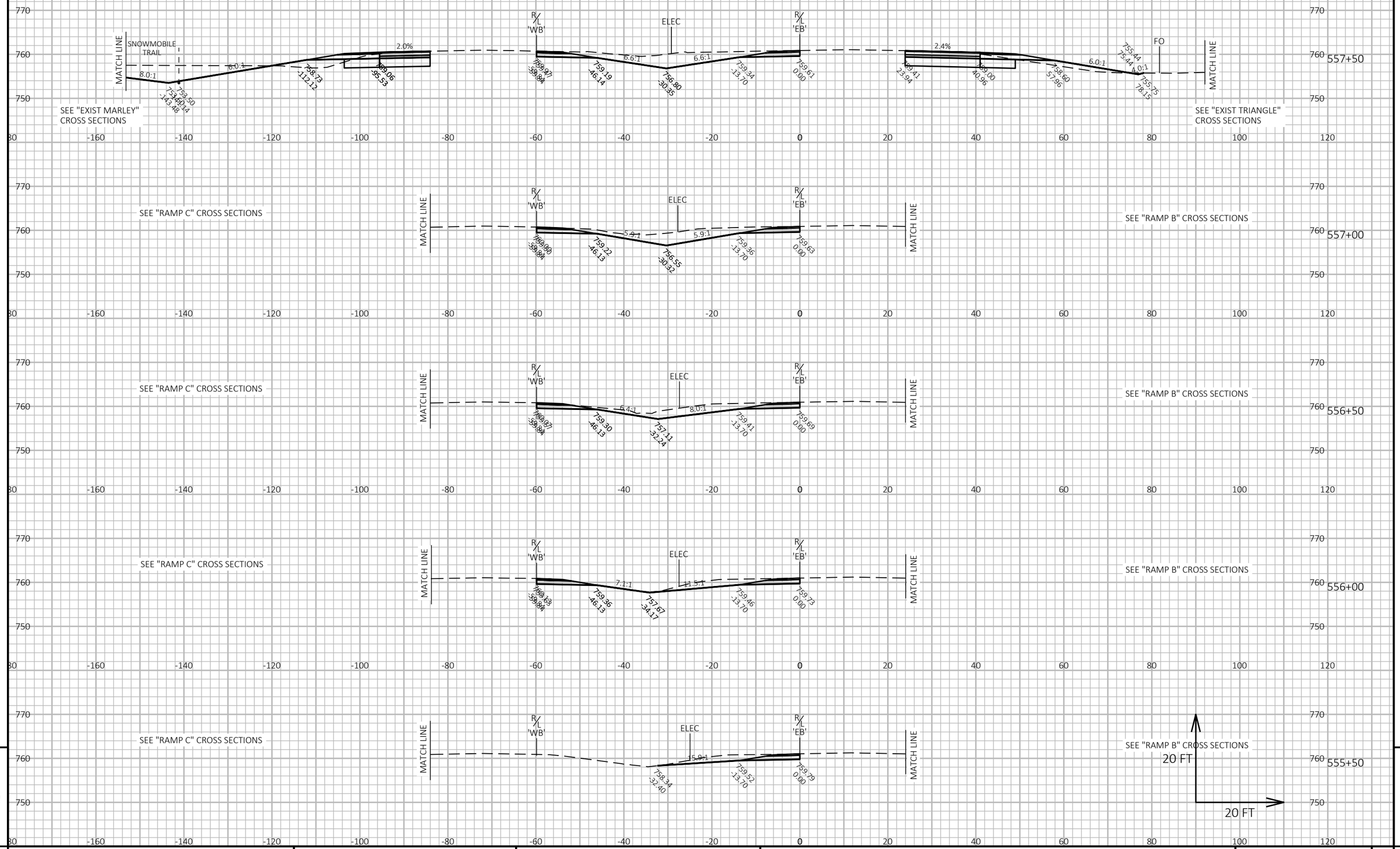
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_658

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS17

PLOT DATE : 1/22/2020 9:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_659

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS18

PLOT DATE : 1/22/2020 9:45 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



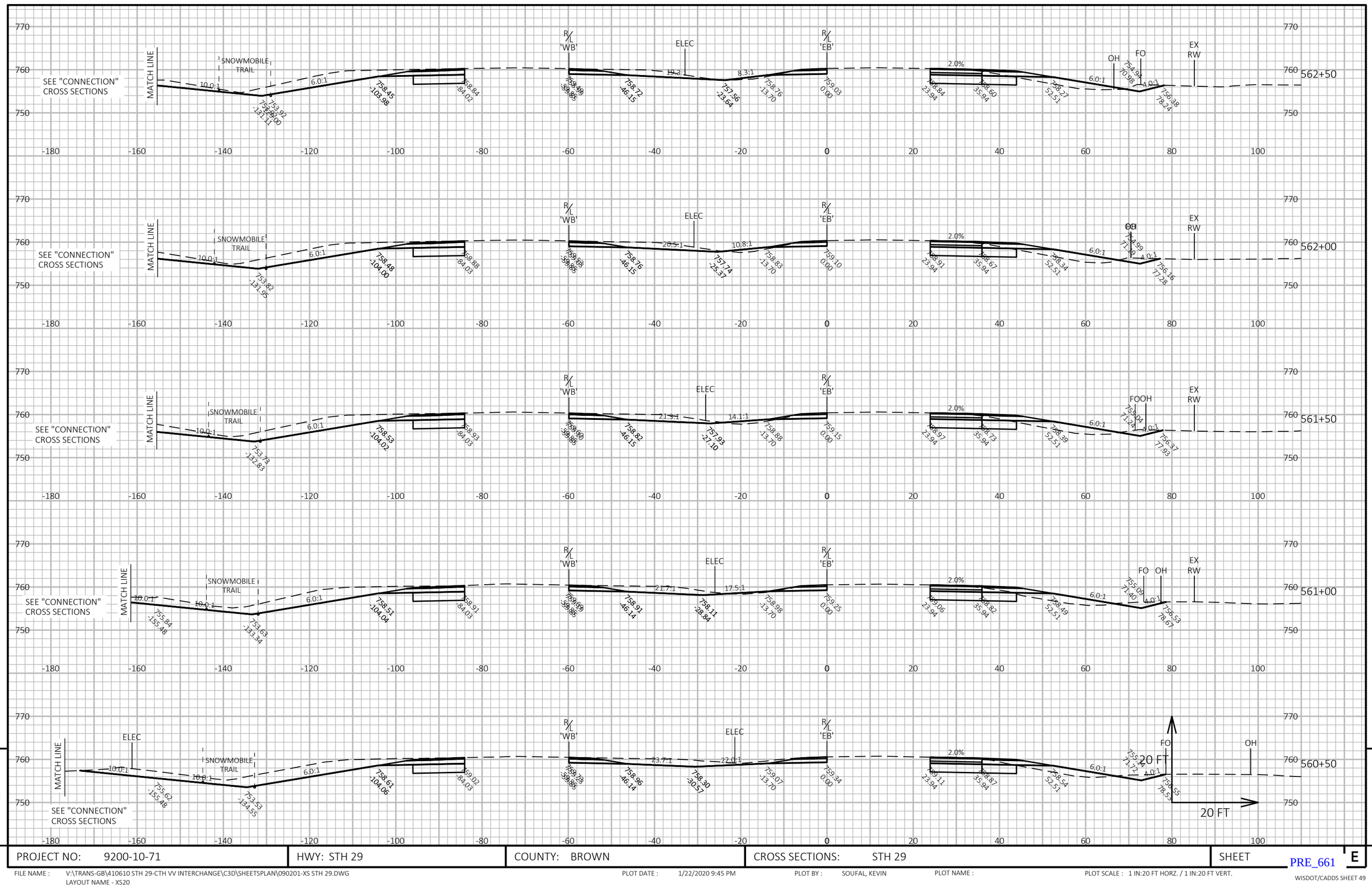
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS19

PLOT DATE : 1/22/2020 9:45 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_660

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_661

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS20

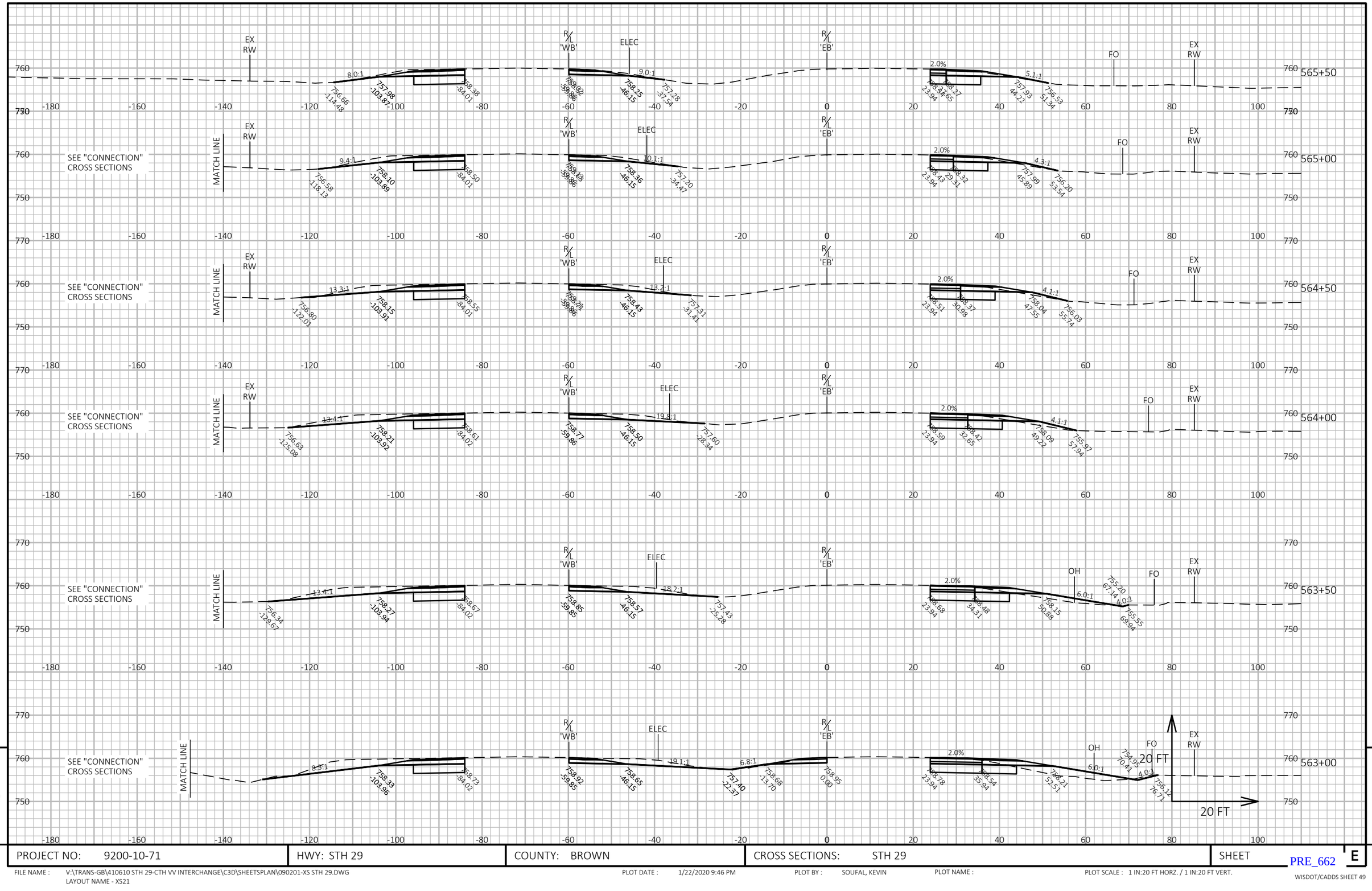
PLOT DATE : 1/22/2020 9:45 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

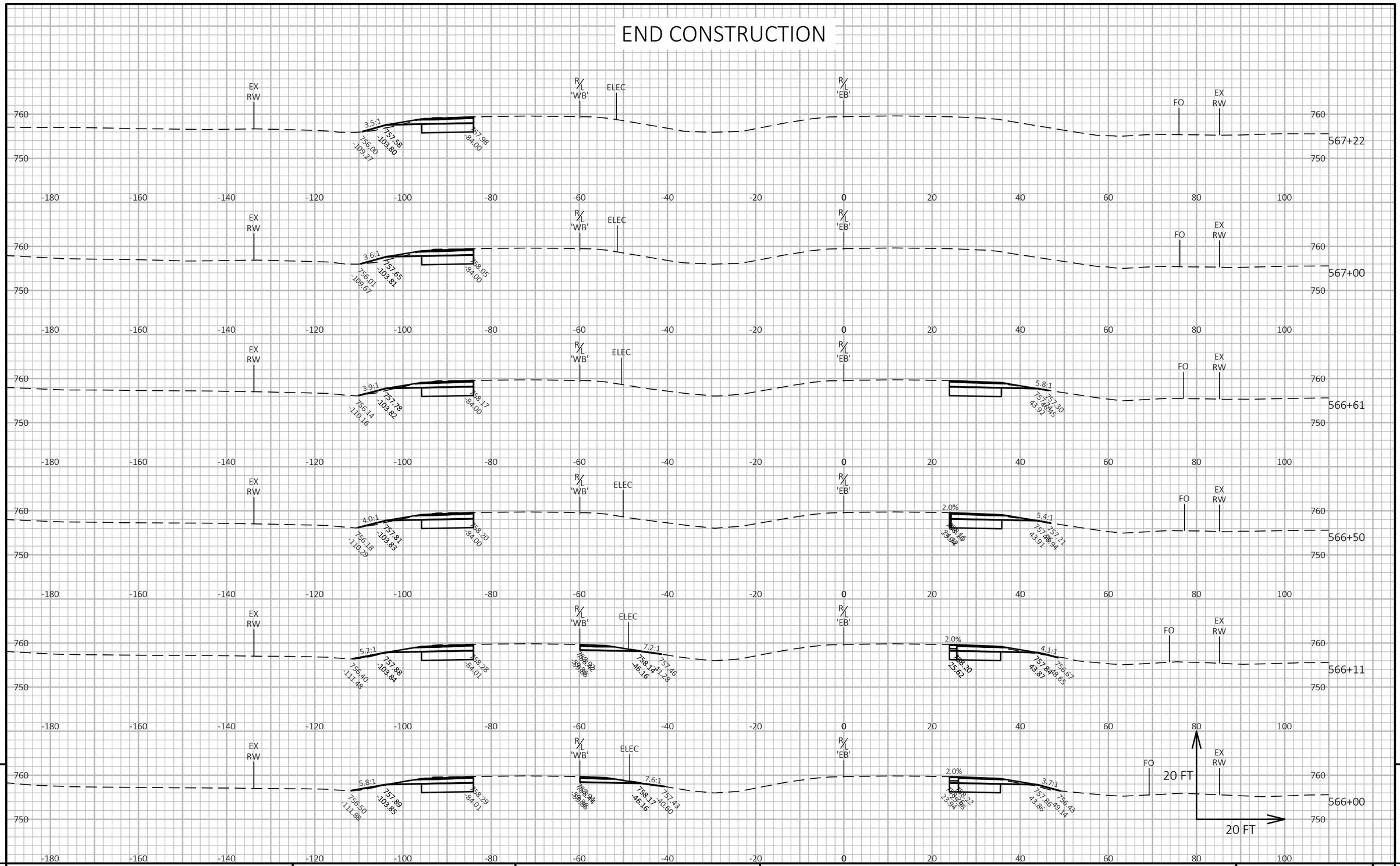
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS21

PLOT DATE : 1/22/2020 9:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_662

WISDOT/CADDS SHEET 49

END CONSTRUCTION



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET

PRE_663

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS22

PLOT DATE : 1/22/2020 9:46 PM

PLOT BY : SOUFAL, KEVIN

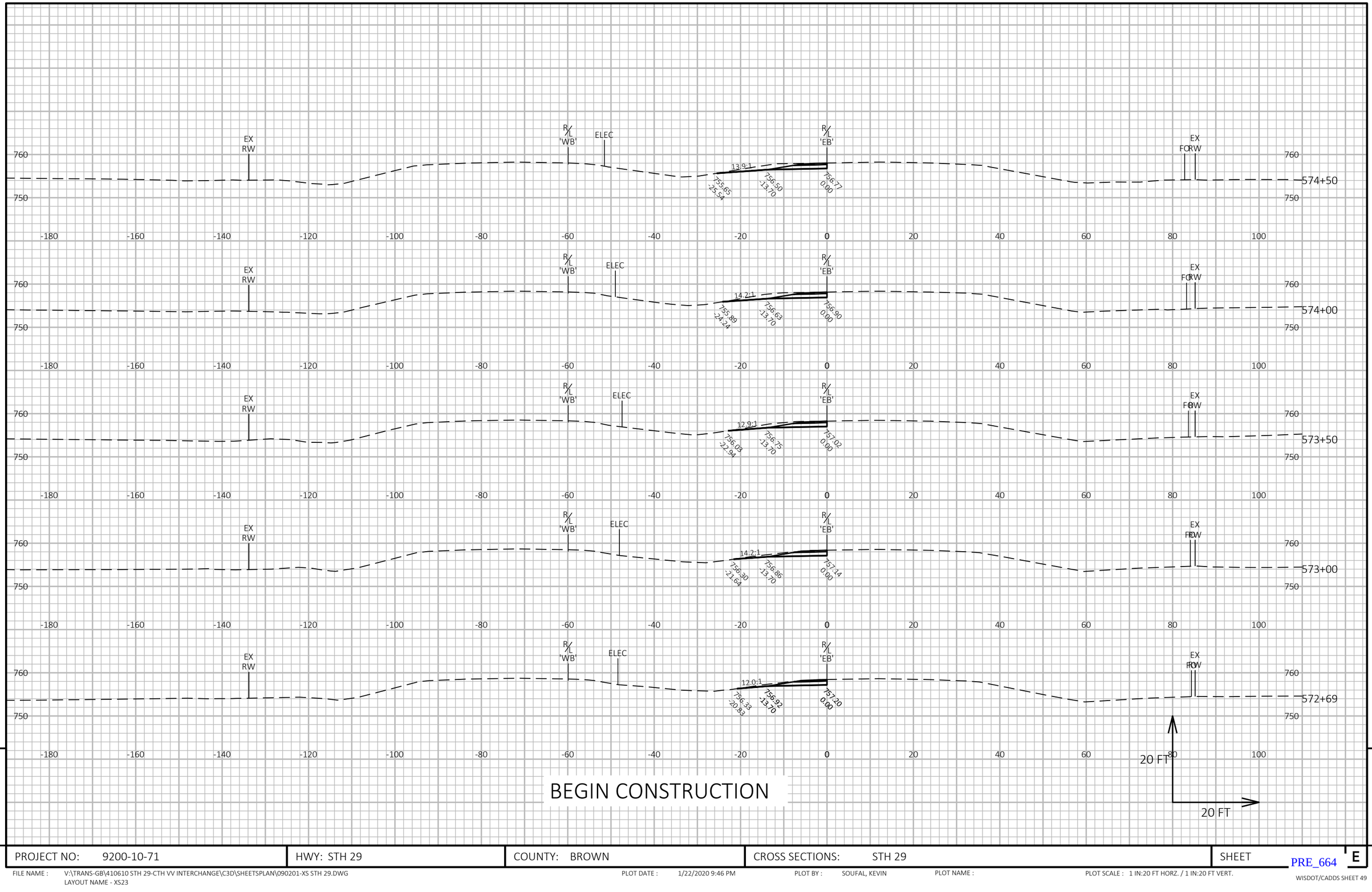
PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9

9



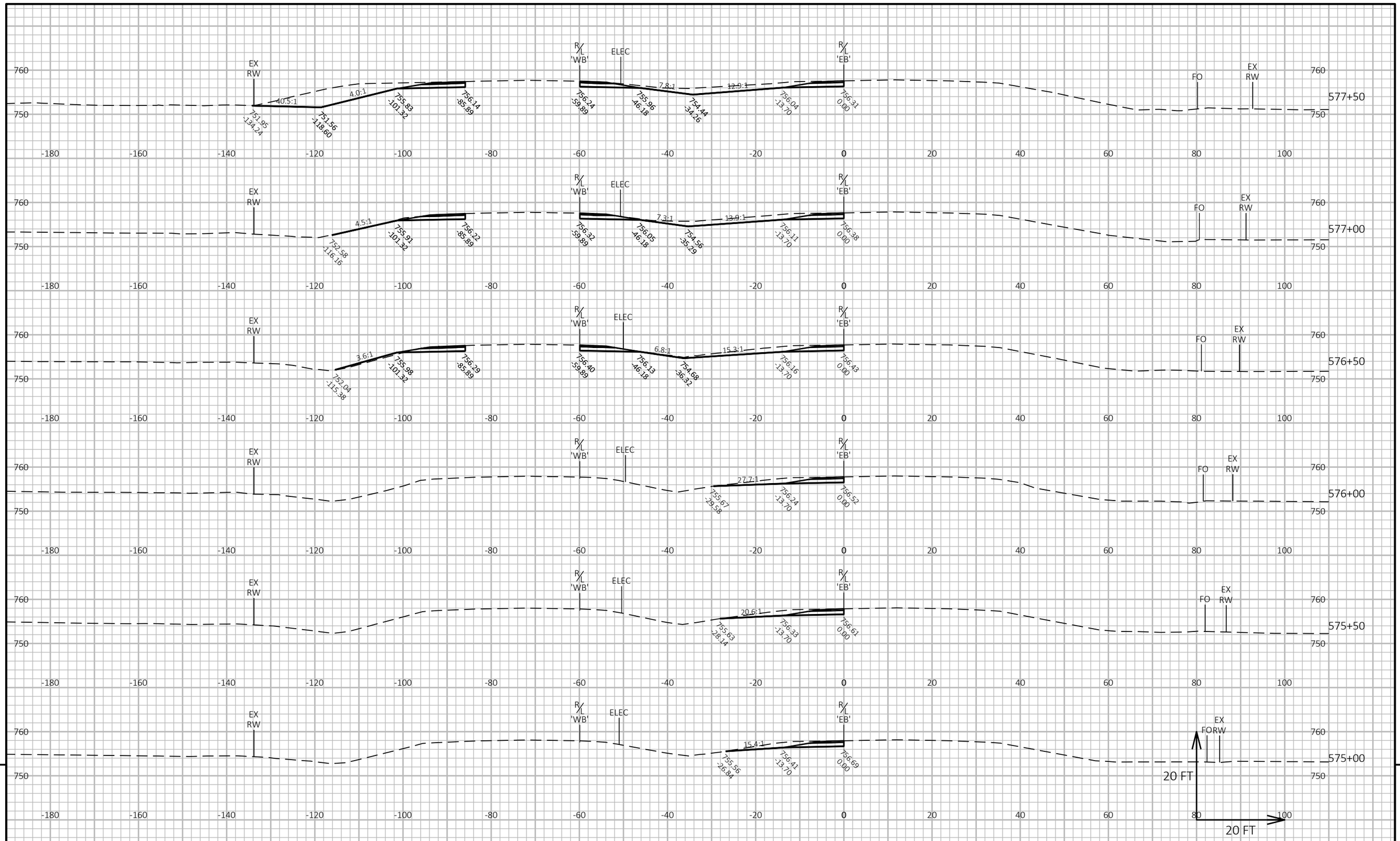
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS23

PLOT DATE : 1/22/2020 9:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_664

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET E

PRE_665

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS24

PLOT DATE : 1/22/2020 9:46 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

END PROJECT



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: STH 29	SHEET PRE_666 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS STH 29.DWG
LAYOUT NAME - XS25

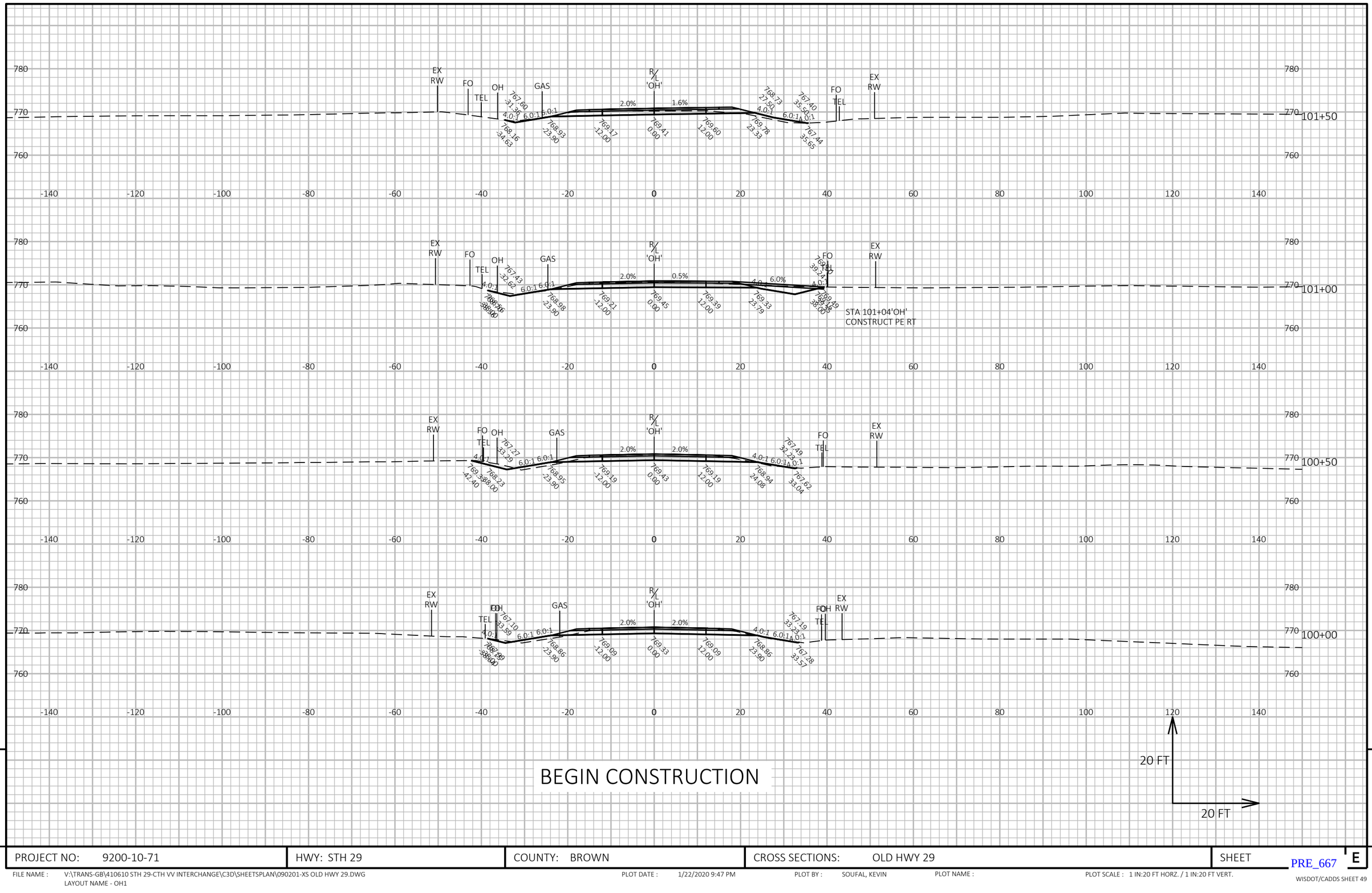
PLOT DATE : 1/22/2020 9:46 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



BEGIN CONSTRUCTION

9

9

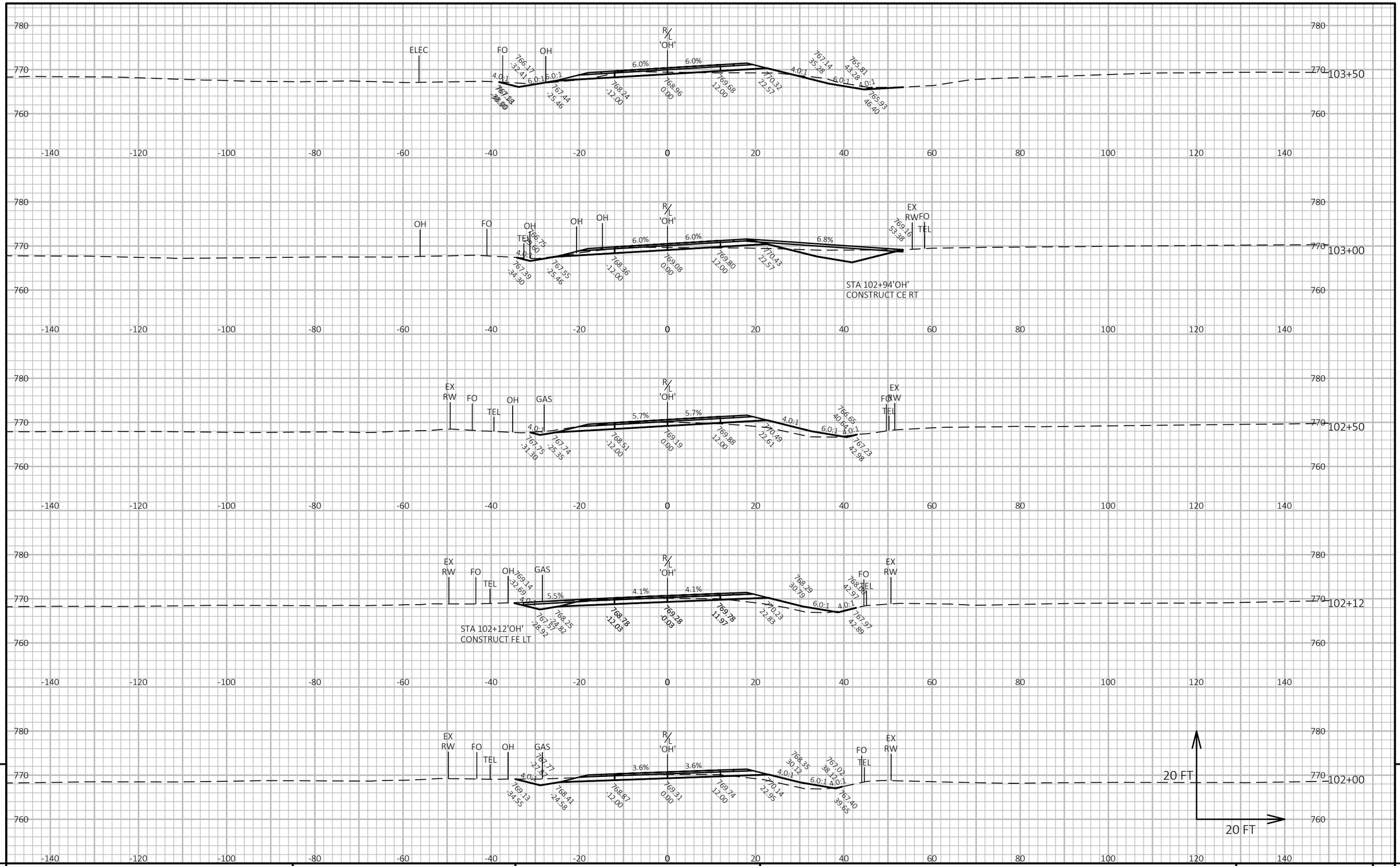
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_667

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH1

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



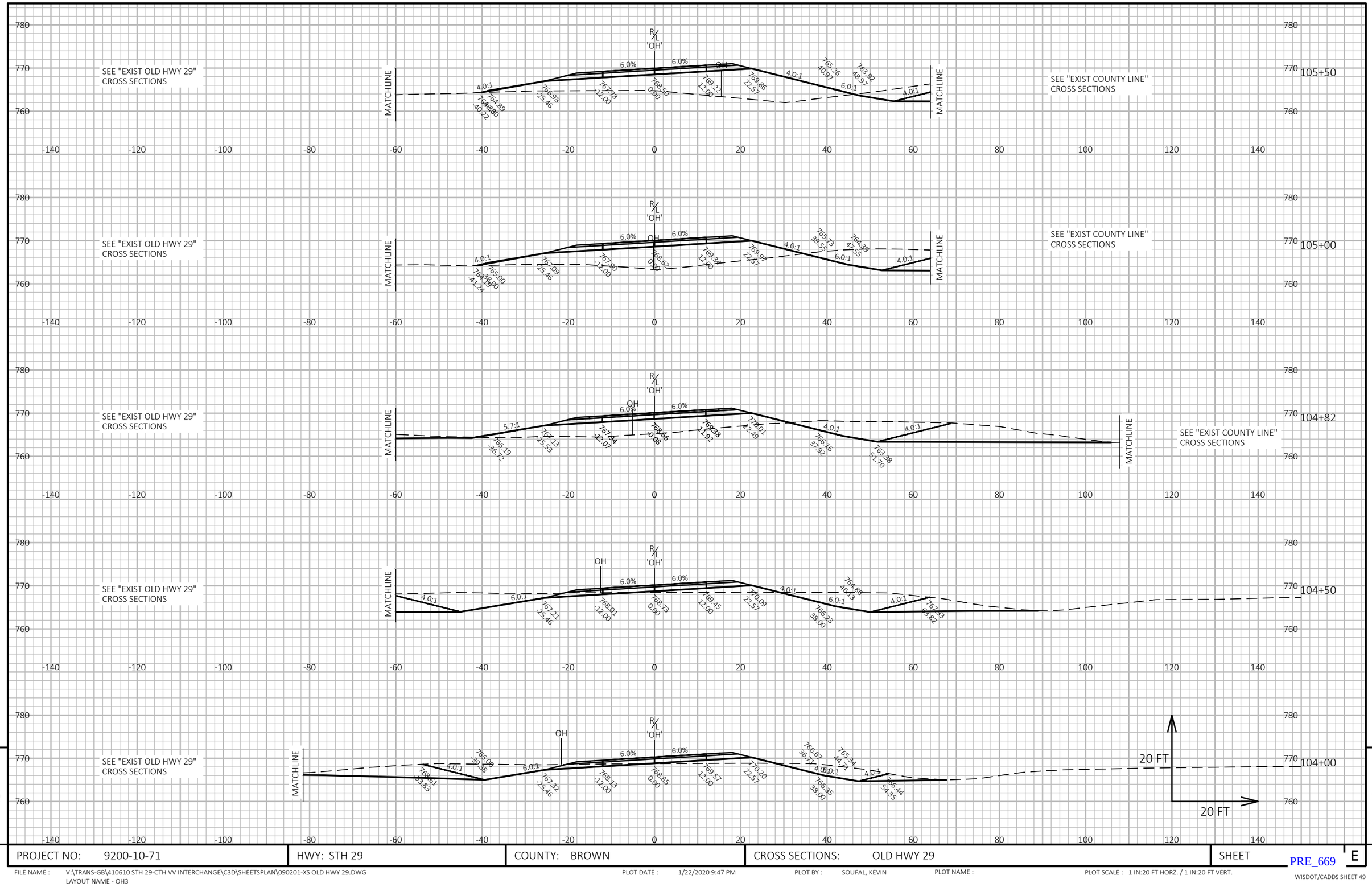
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH2

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_668

WISDOT/CADDS SHEET 49



9

9

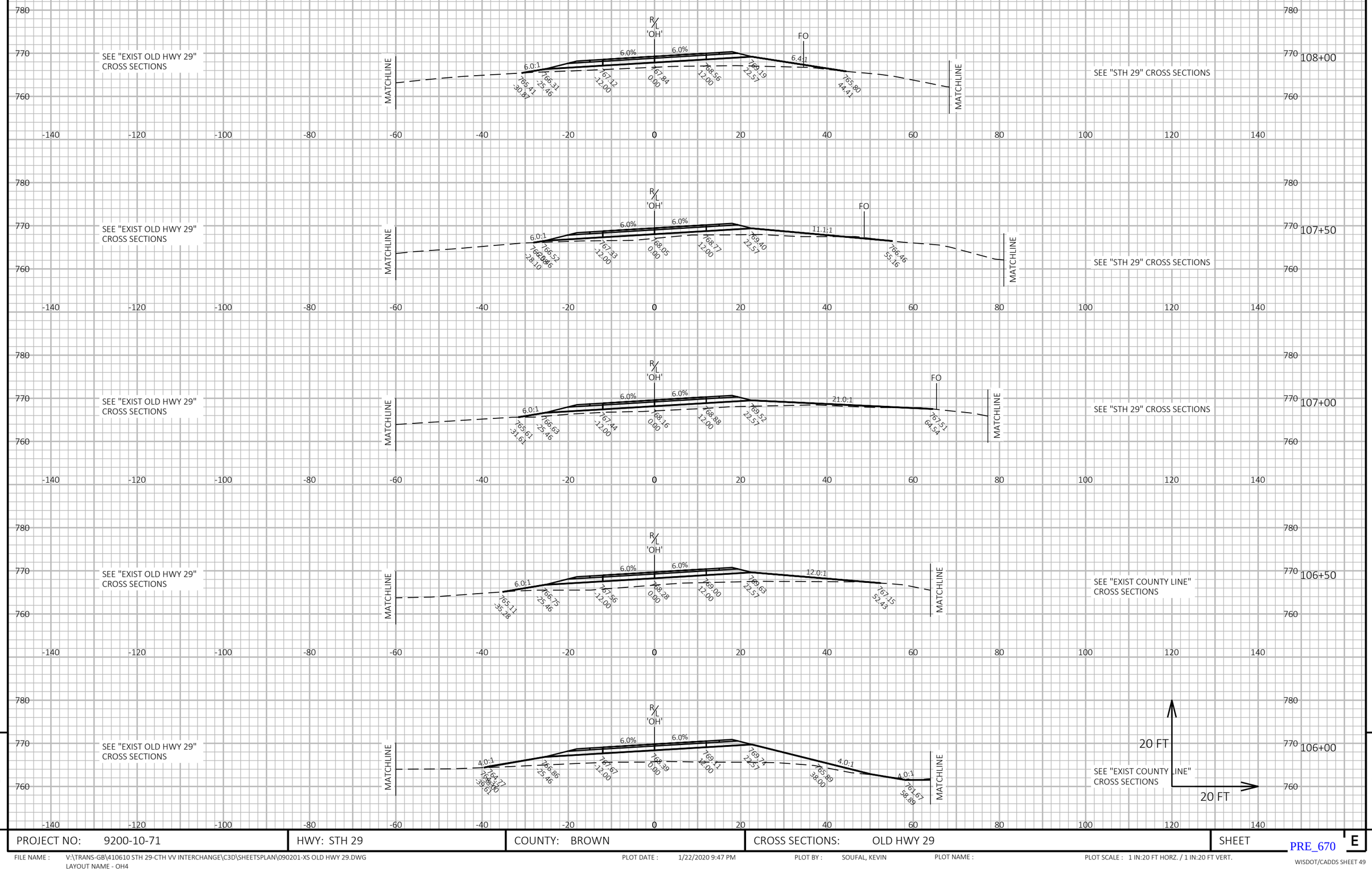
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_669

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH3

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

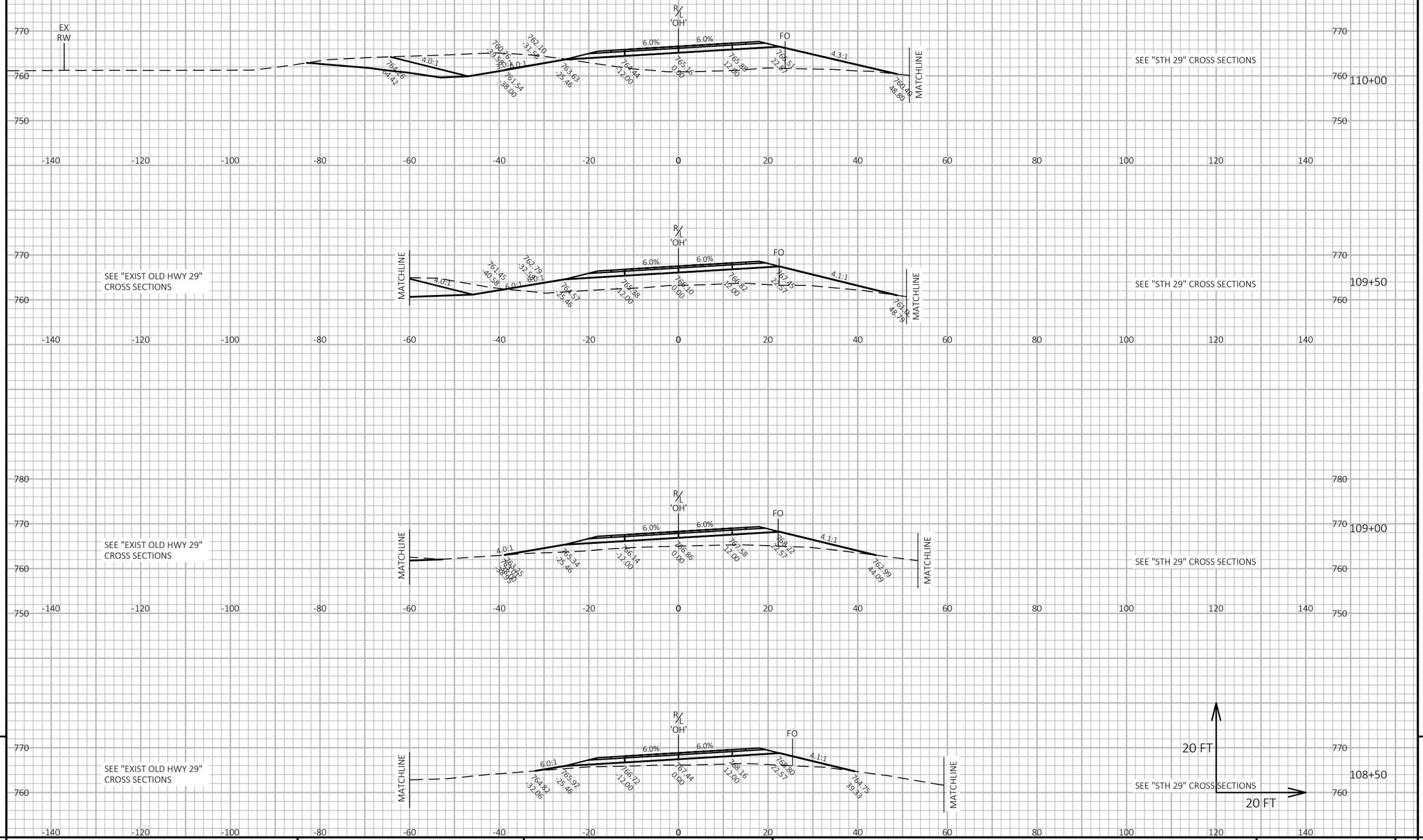
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_670

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH4

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

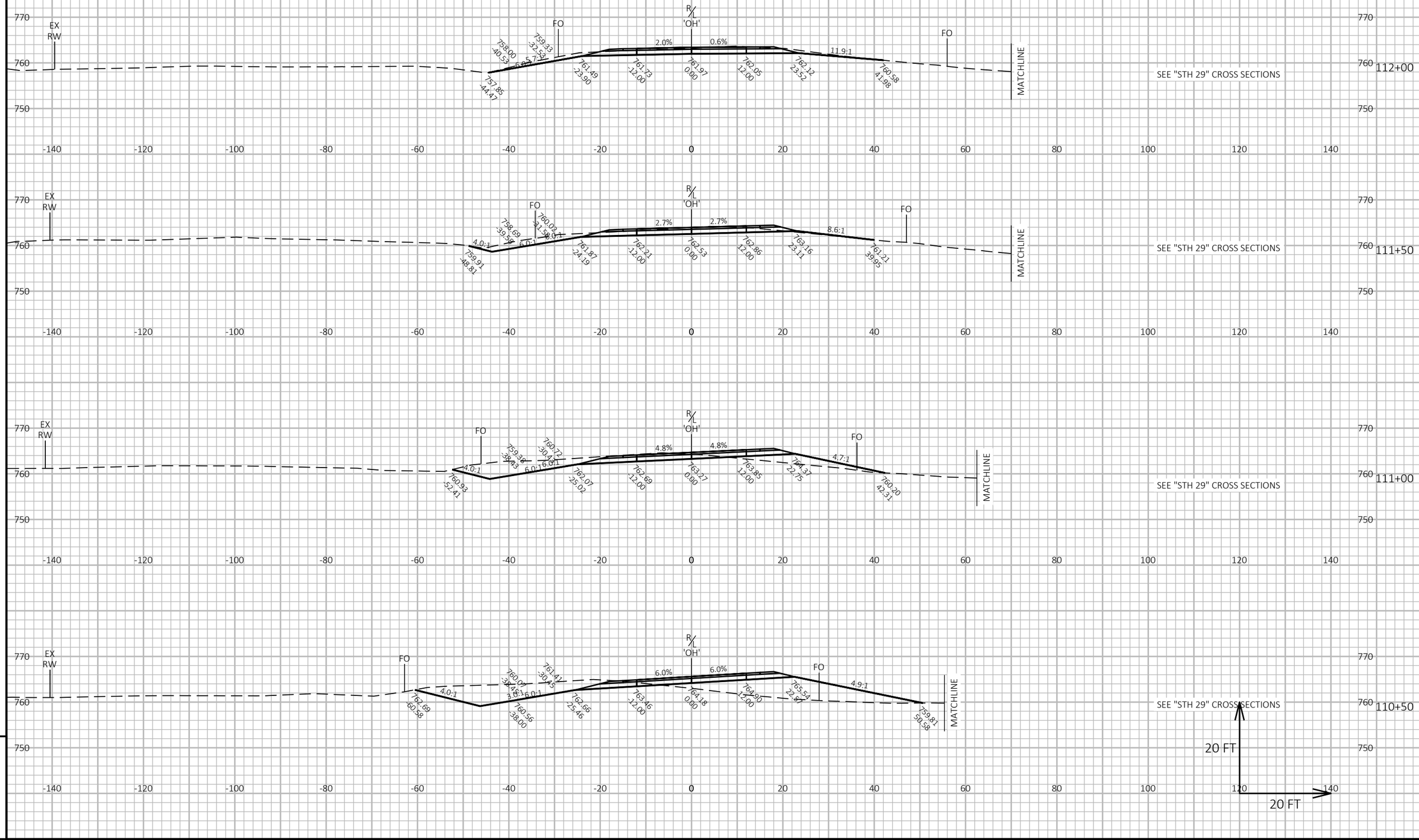
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_671

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH5

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_672

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH6

PLOT DATE : 1/22/2020 9:47 PM

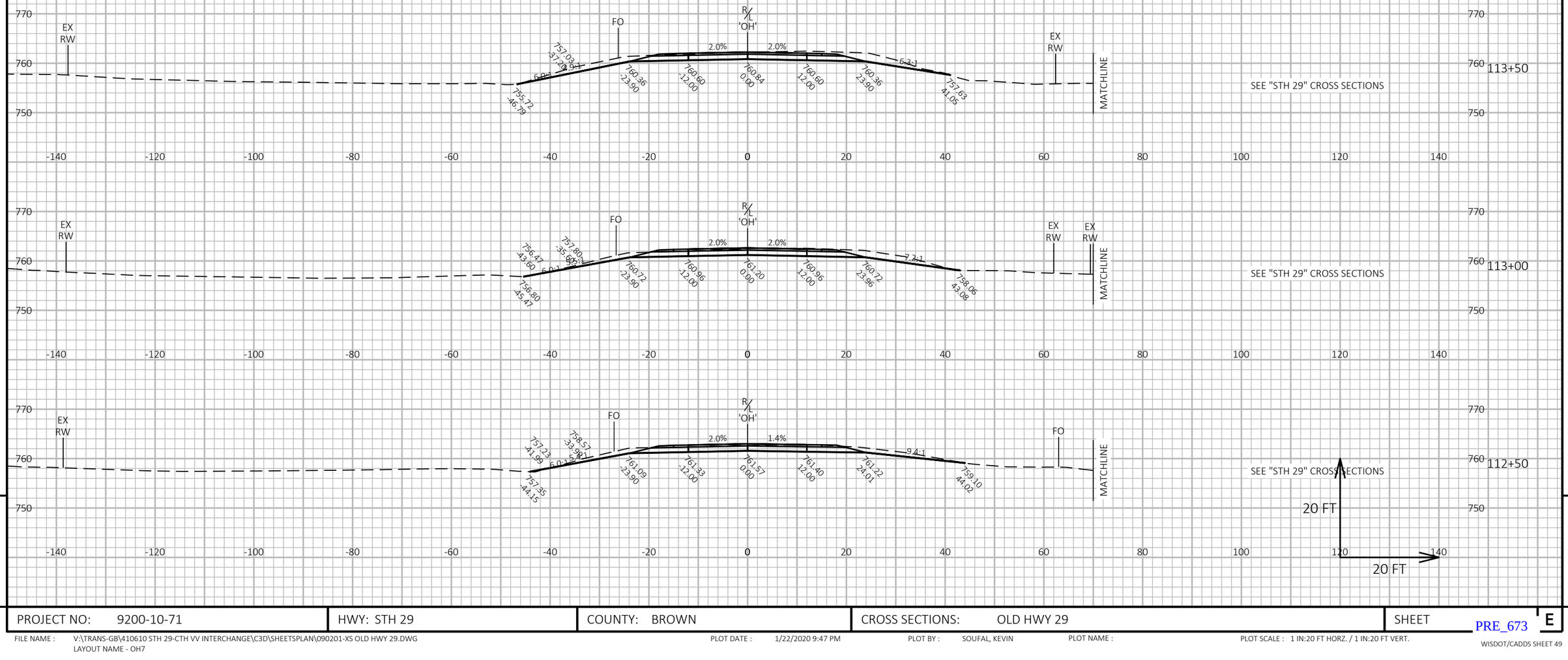
PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION



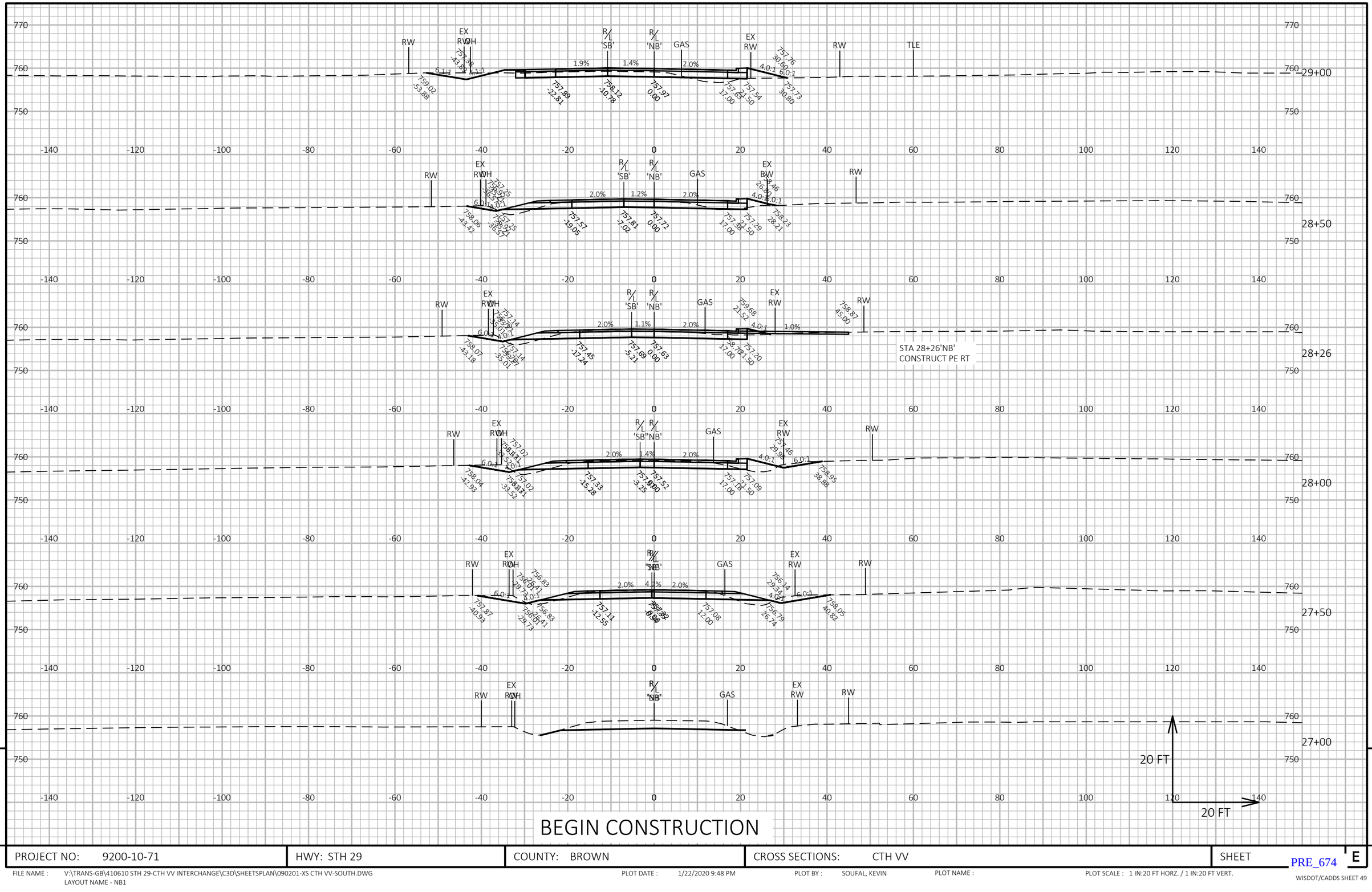
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: OLD HWY 29	SHEET E

PRE_673

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS OLD HWY 29.DWG
LAYOUT NAME - OH7

PLOT DATE : 1/22/2020 9:47 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

PRE_674

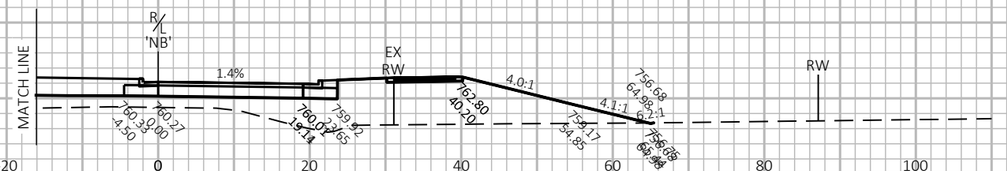
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB1

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

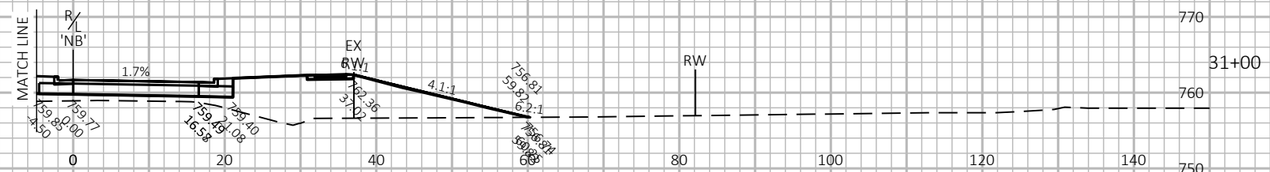
WISDOT/CADDS SHEET 49

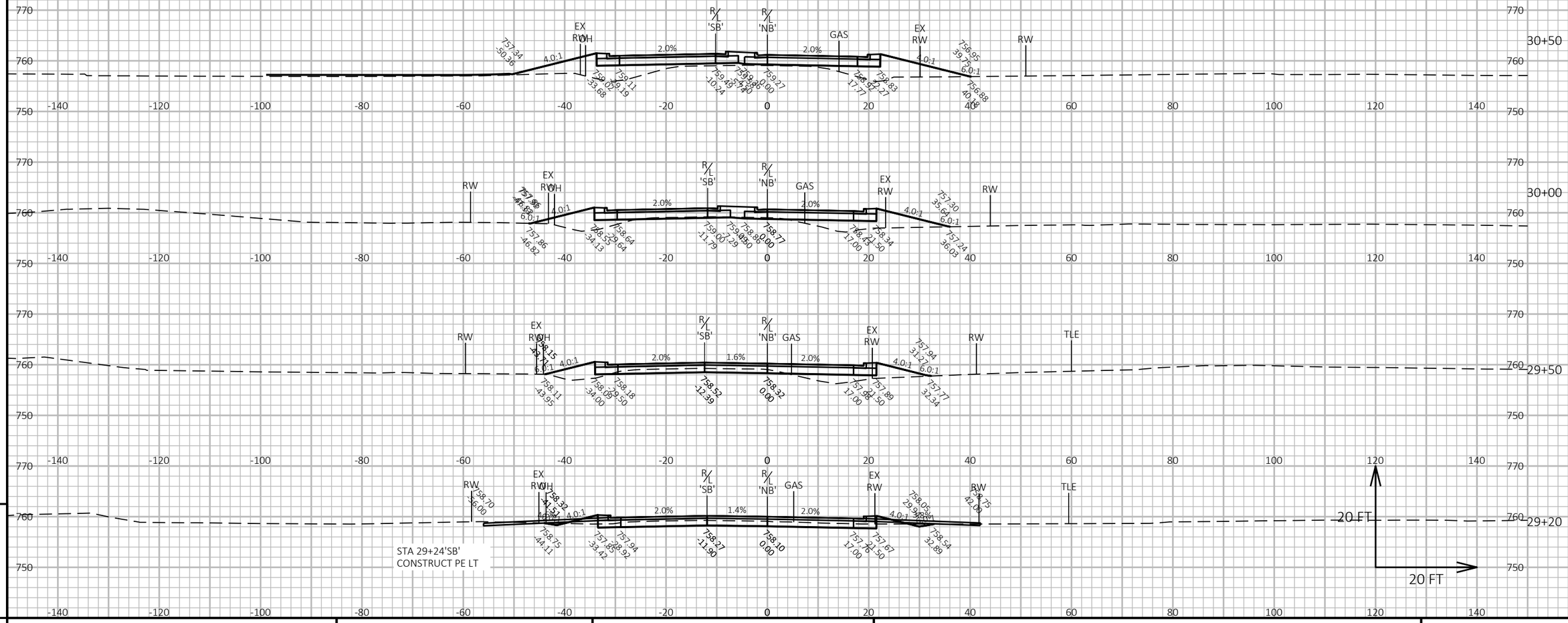
CTH VV/CENTERLINE ROUNDABOUT

SEE "CTH VV SB" CROSS SECTIONS



SEE "CTH VV SB" CROSS SECTIONS





9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET

PRE_675

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB2

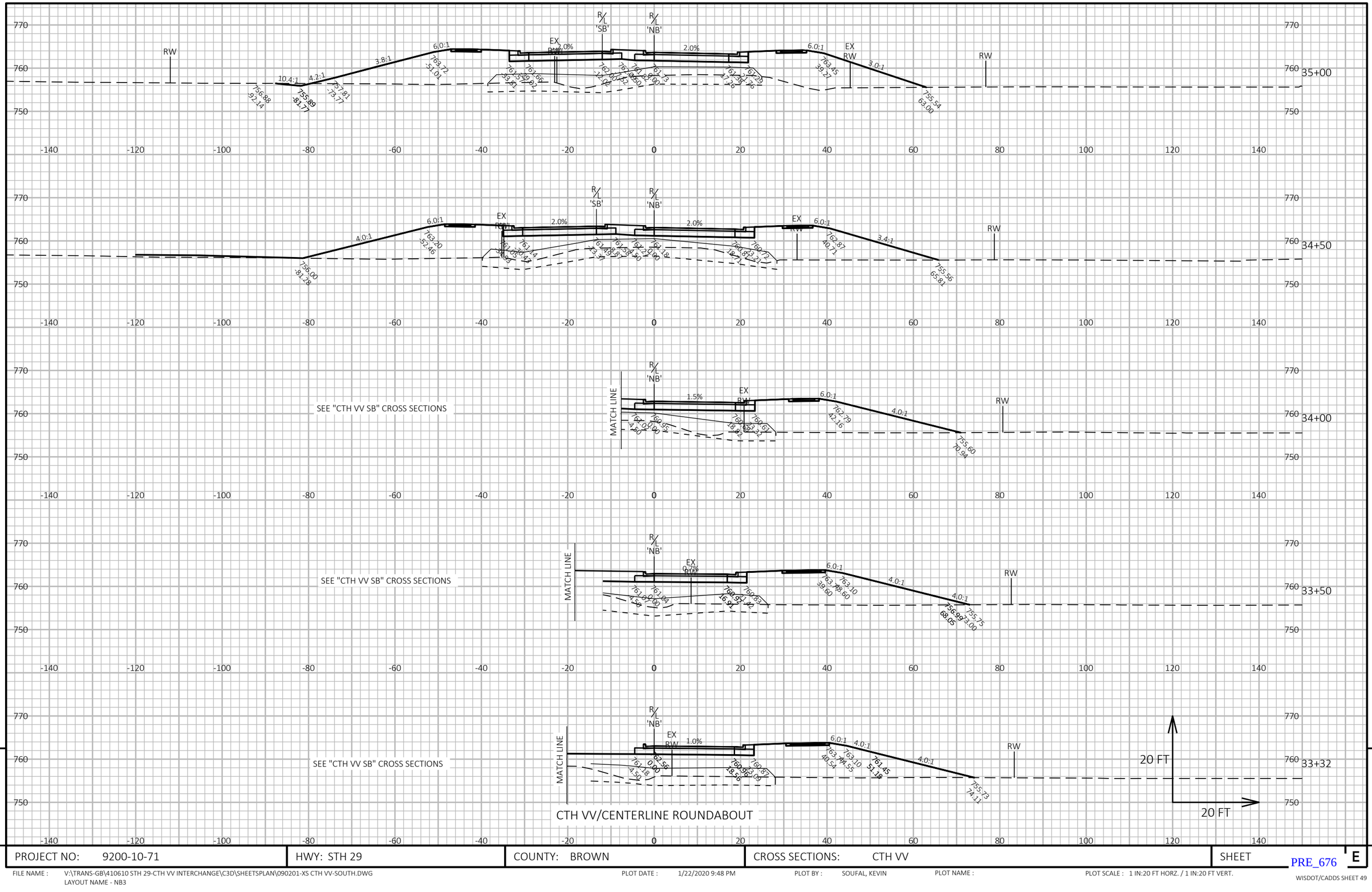
PLOT DATE : 1/22/2020 9:48 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



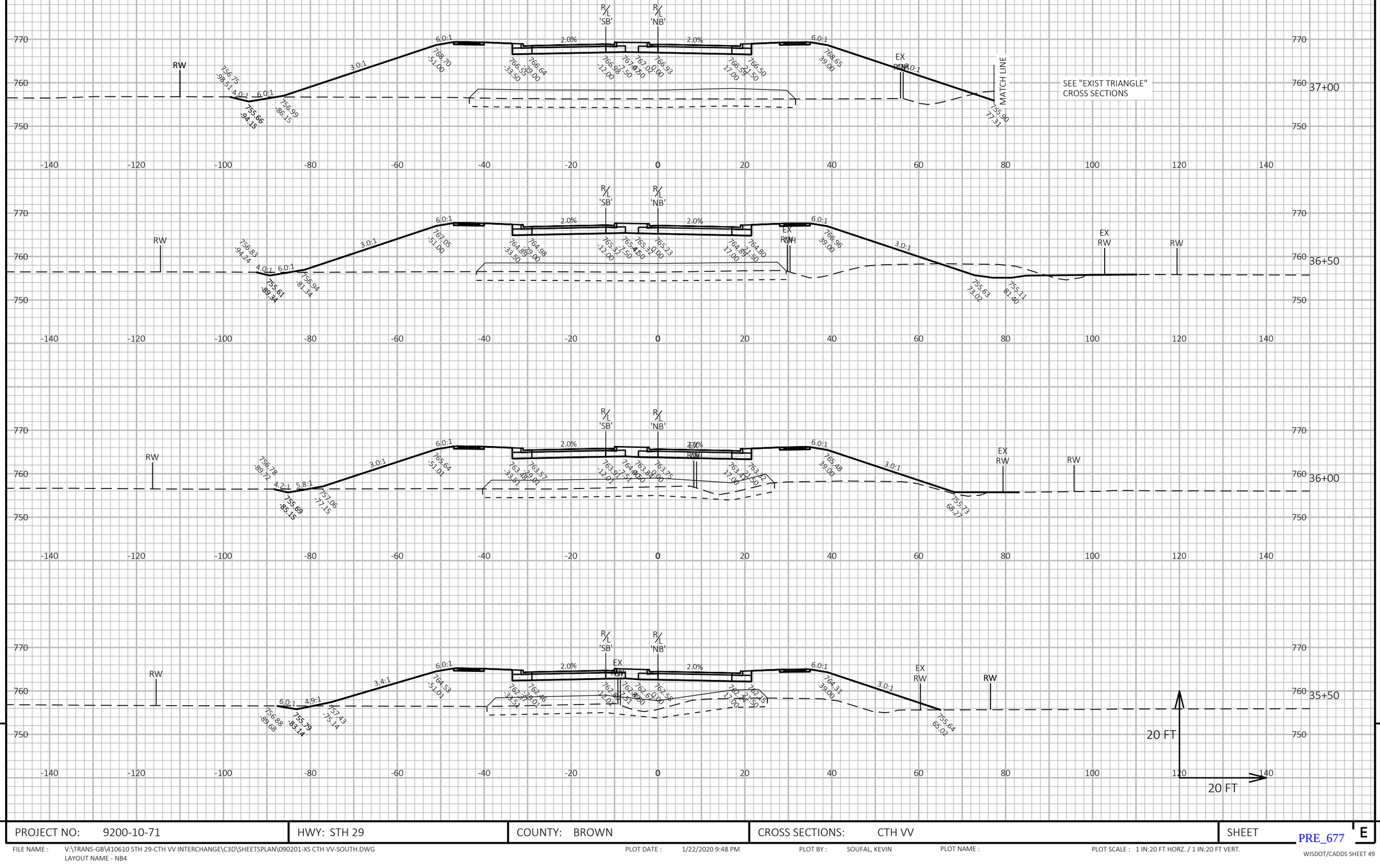
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB3

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_676

WISDOT/CADDS SHEET 49



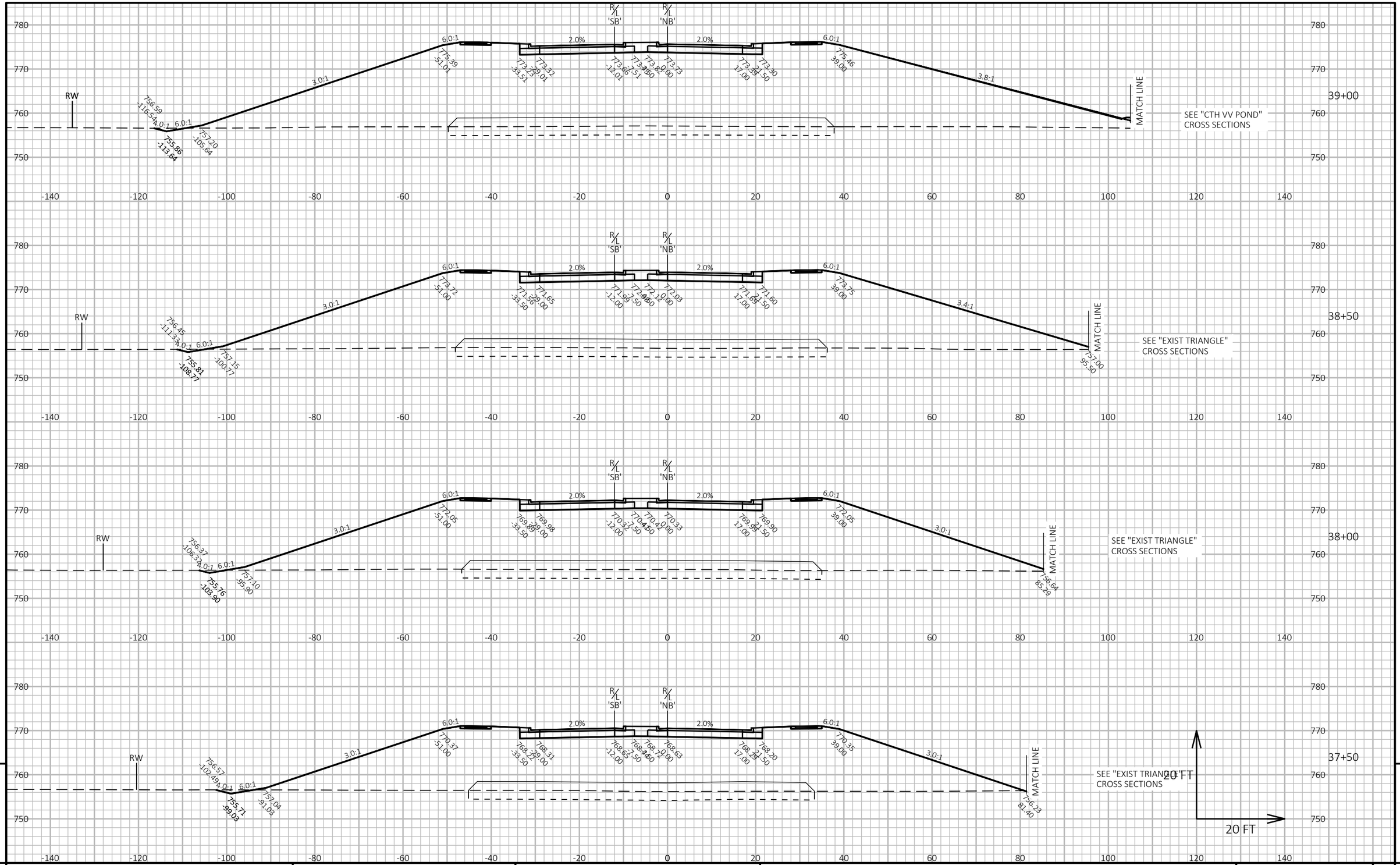
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB4

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_677

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

PRE_678

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB5

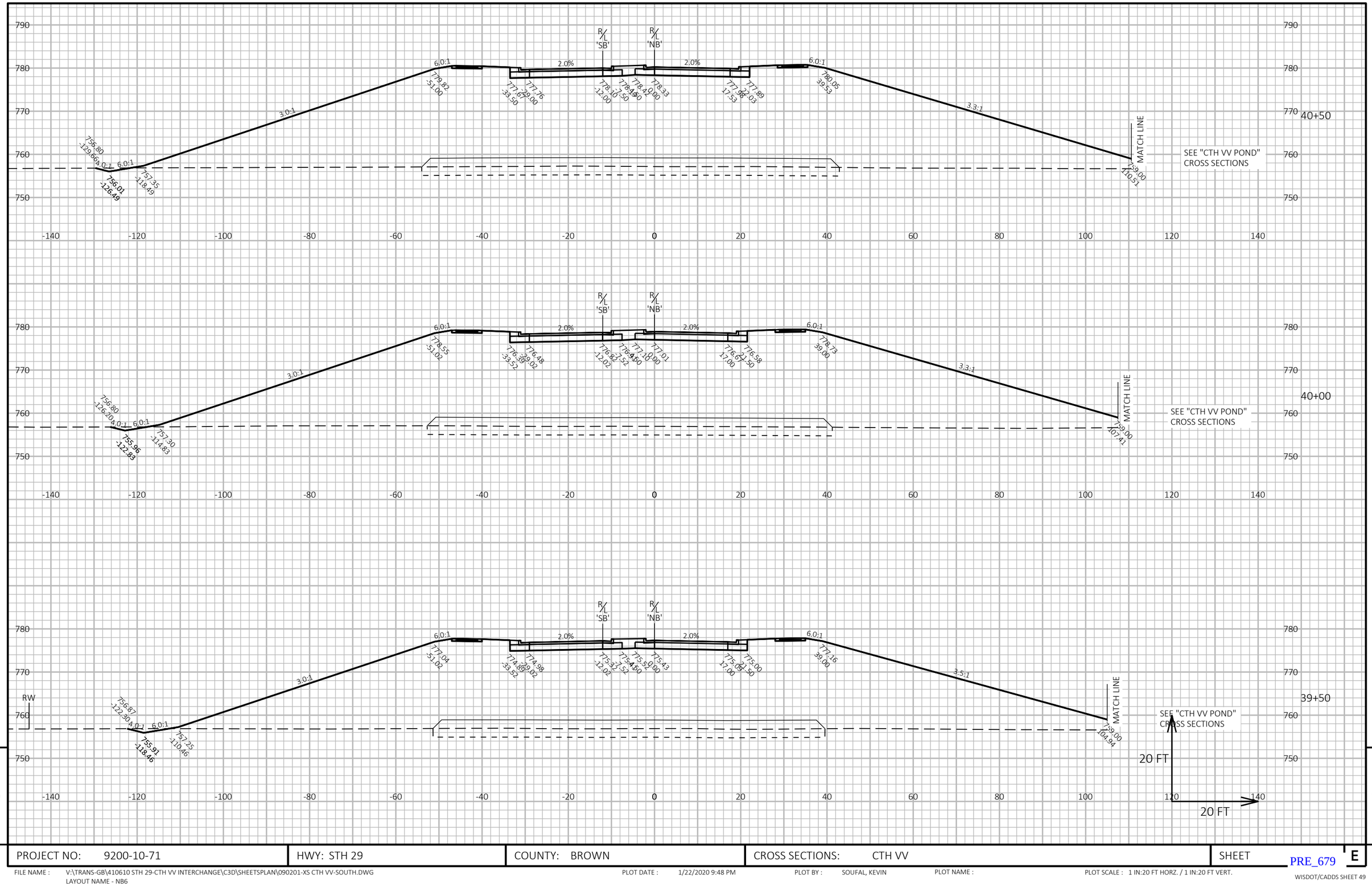
PLOT DATE : 1/22/2020 9:48 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

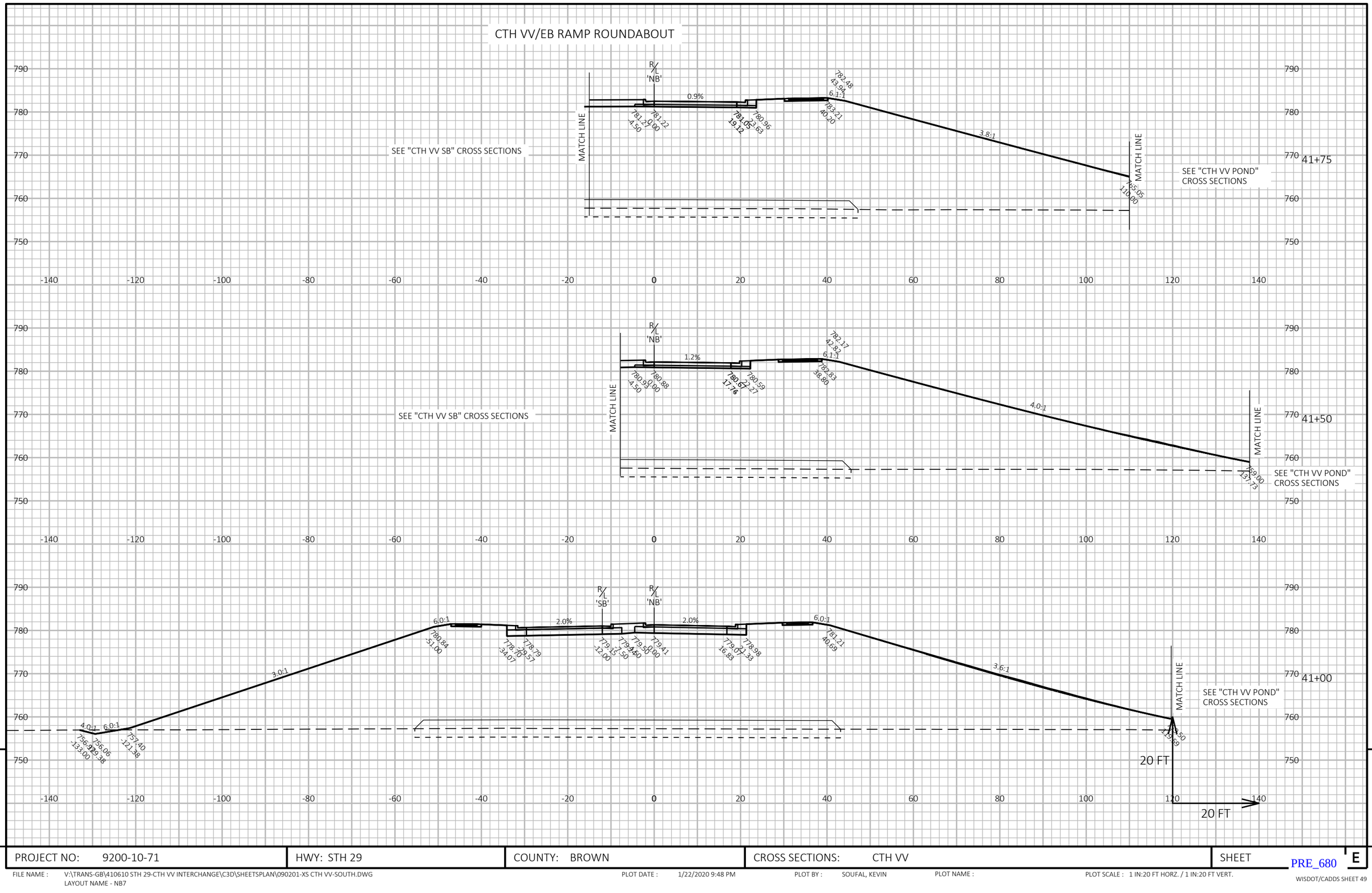
PRE_679

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB6

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

CTH VV/EB RAMP ROUNDABOUT



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

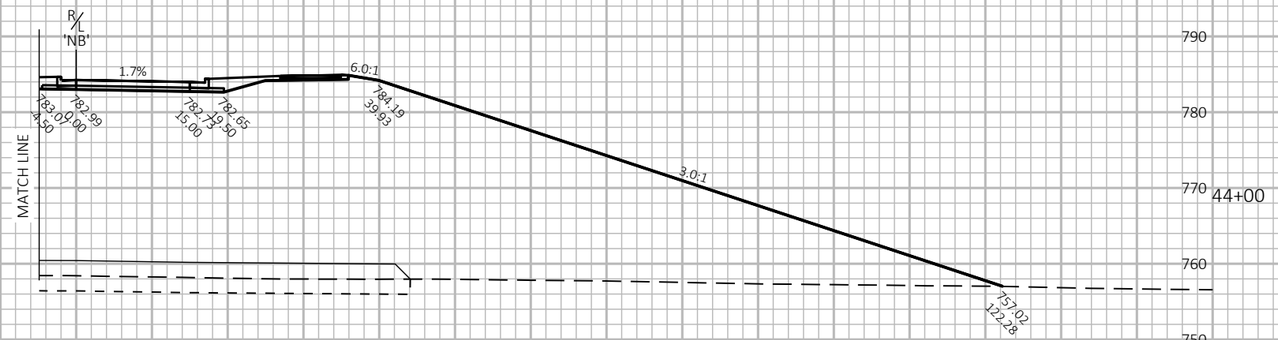
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB7

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

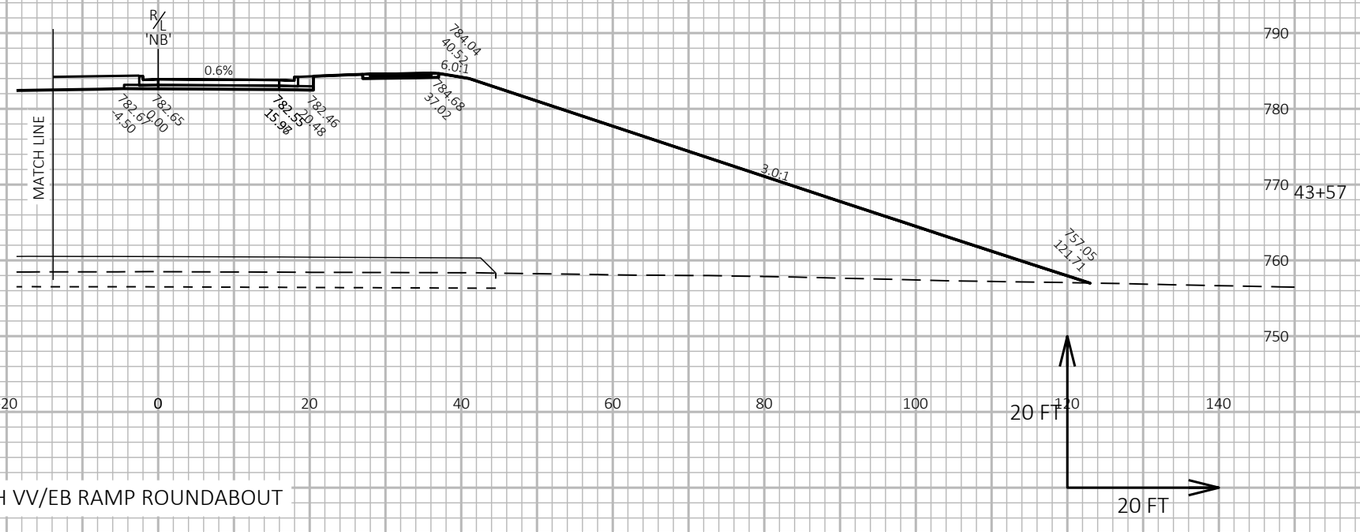
PRE_680

WISDOT/CADDS SHEET 49

SEE "CTH VV SB" CROSS SECTIONS



SEE "CTH VV SB" CROSS SECTIONS



CTH VV/EB RAMP ROUNDABOUT

9 9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET E

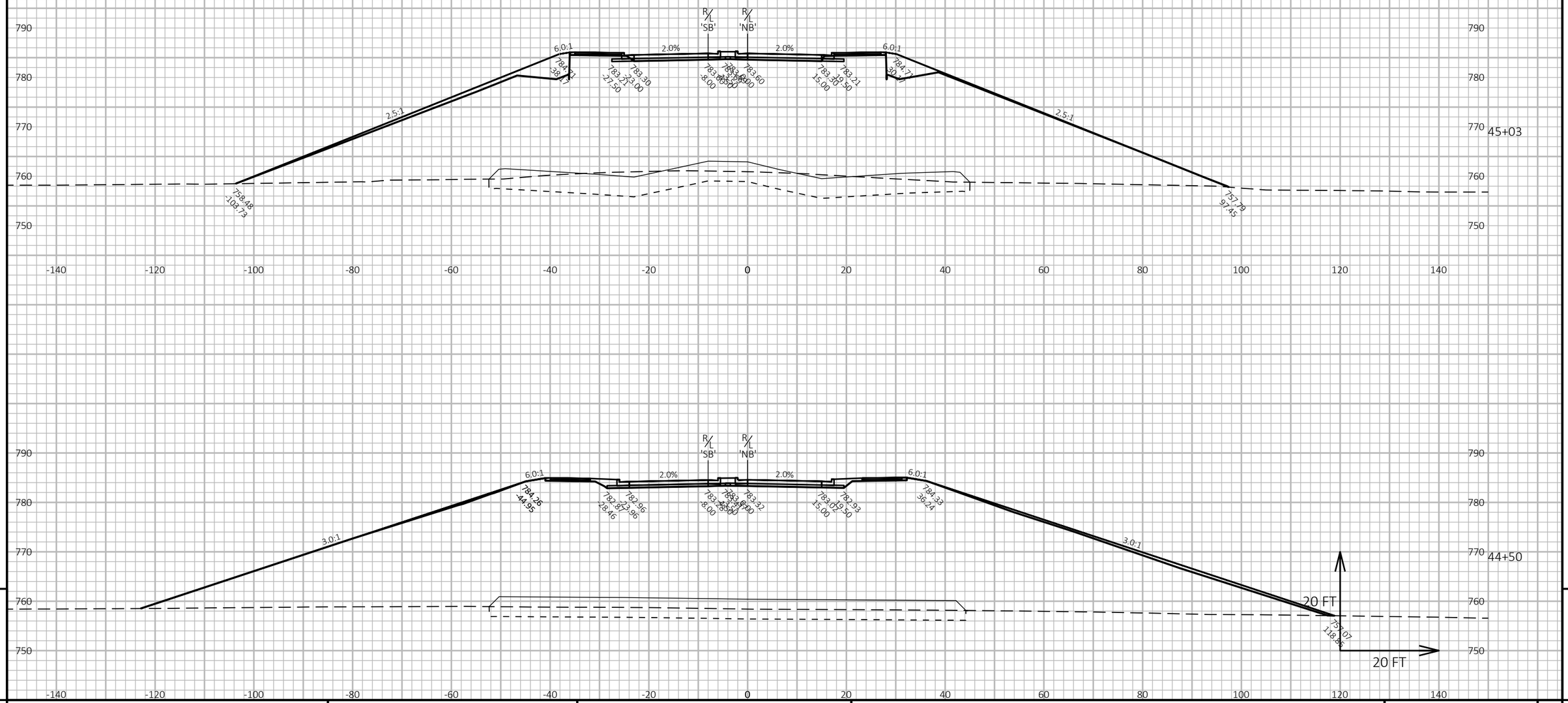
PRE_681

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB8

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

STRUCTURE B-50-0416
(SEE STRUCTURE PLANS)



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV	SHEET

PRE_682

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - NB9

PLOT DATE : 1/22/2020 9:48 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

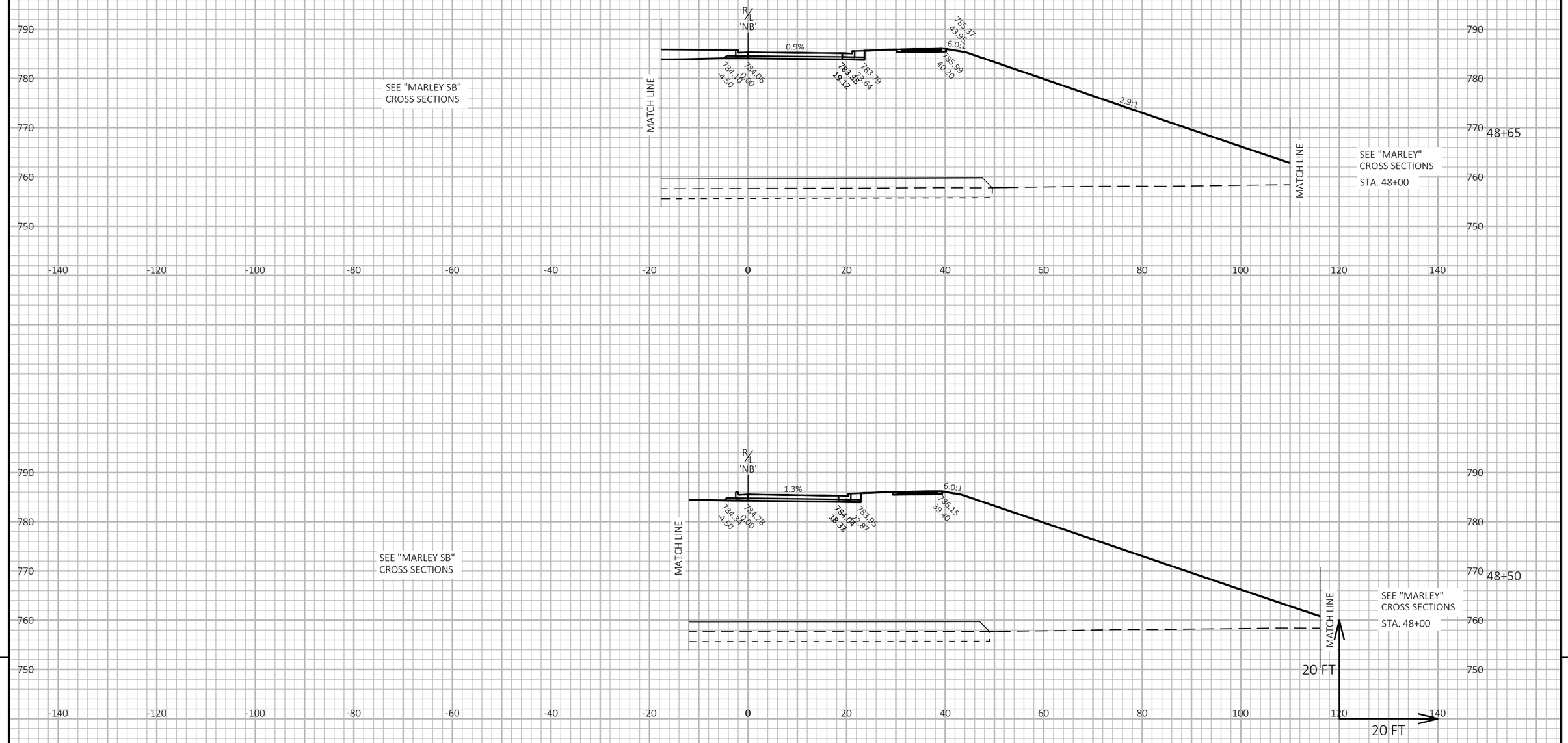
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB10

PLOT DATE : 1/22/2020 9:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_683

WISDOT/CADDS SHEET 49

MARLEY/WB RAMP ROUNDABOUT



9

9

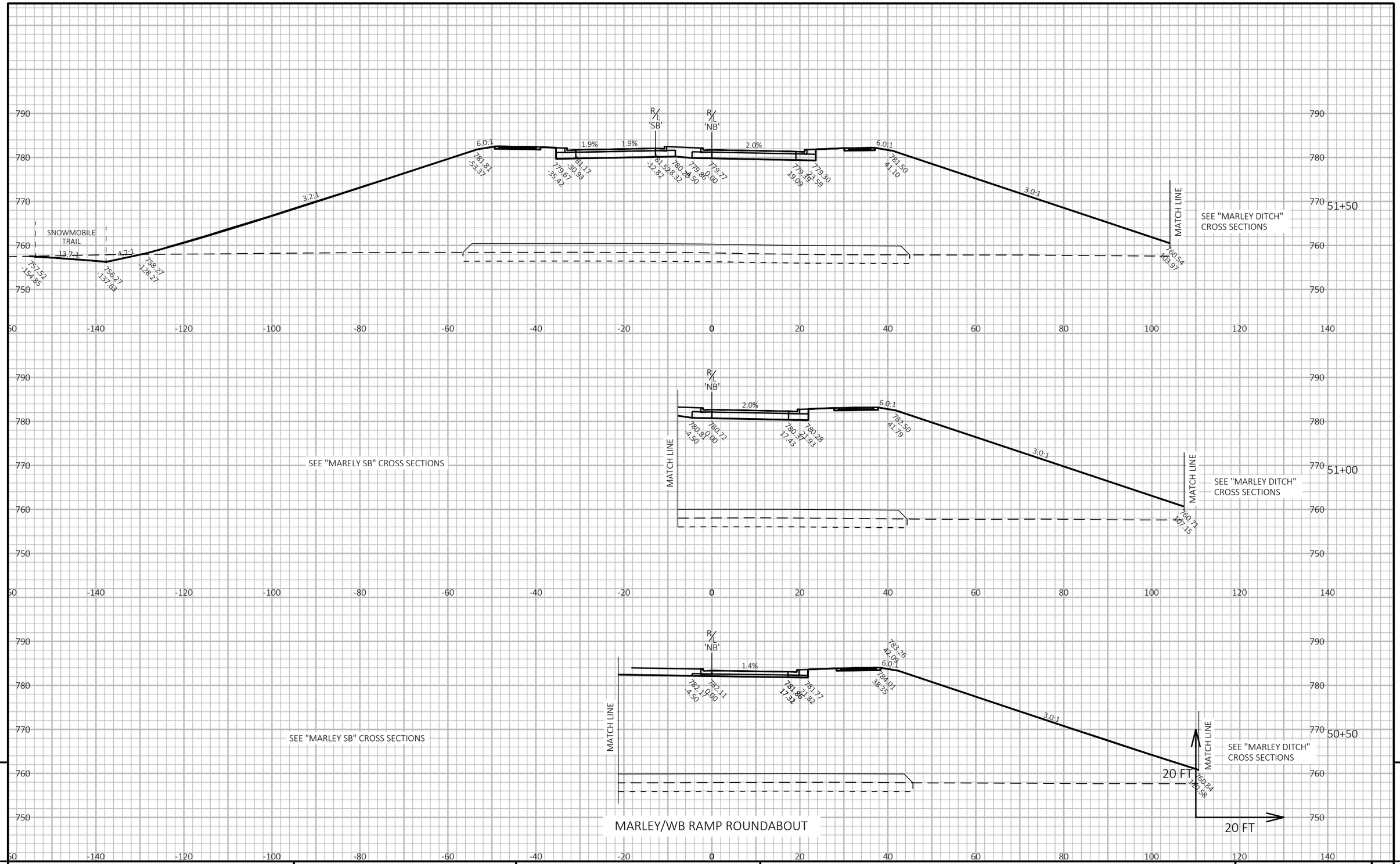
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_684

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB11

PLOT DATE : 1/22/2020 9:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

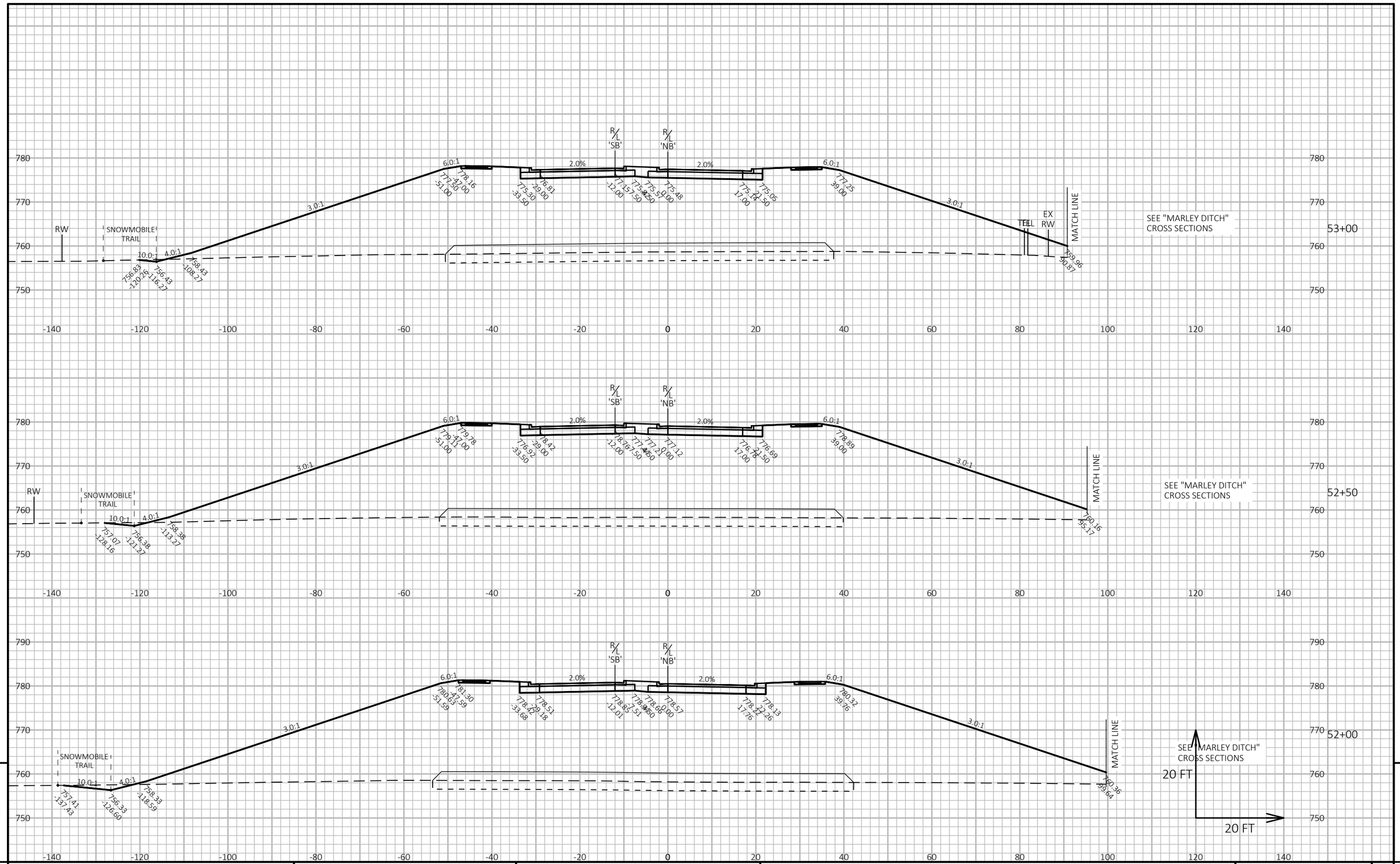
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_685

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB12

PLOT DATE : 1/22/2020 9:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



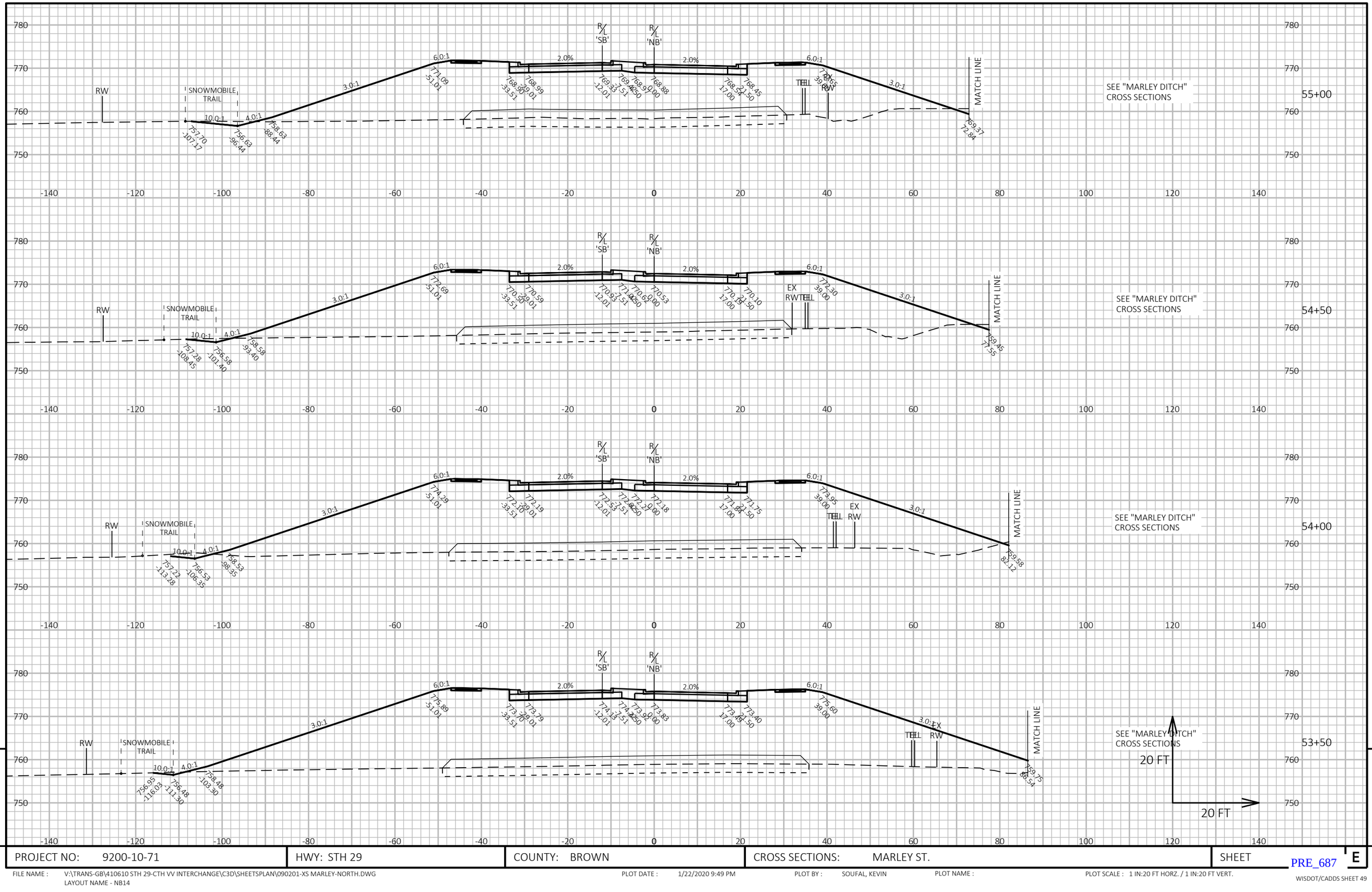
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_686

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB13

PLOT DATE : 1/22/2020 9:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



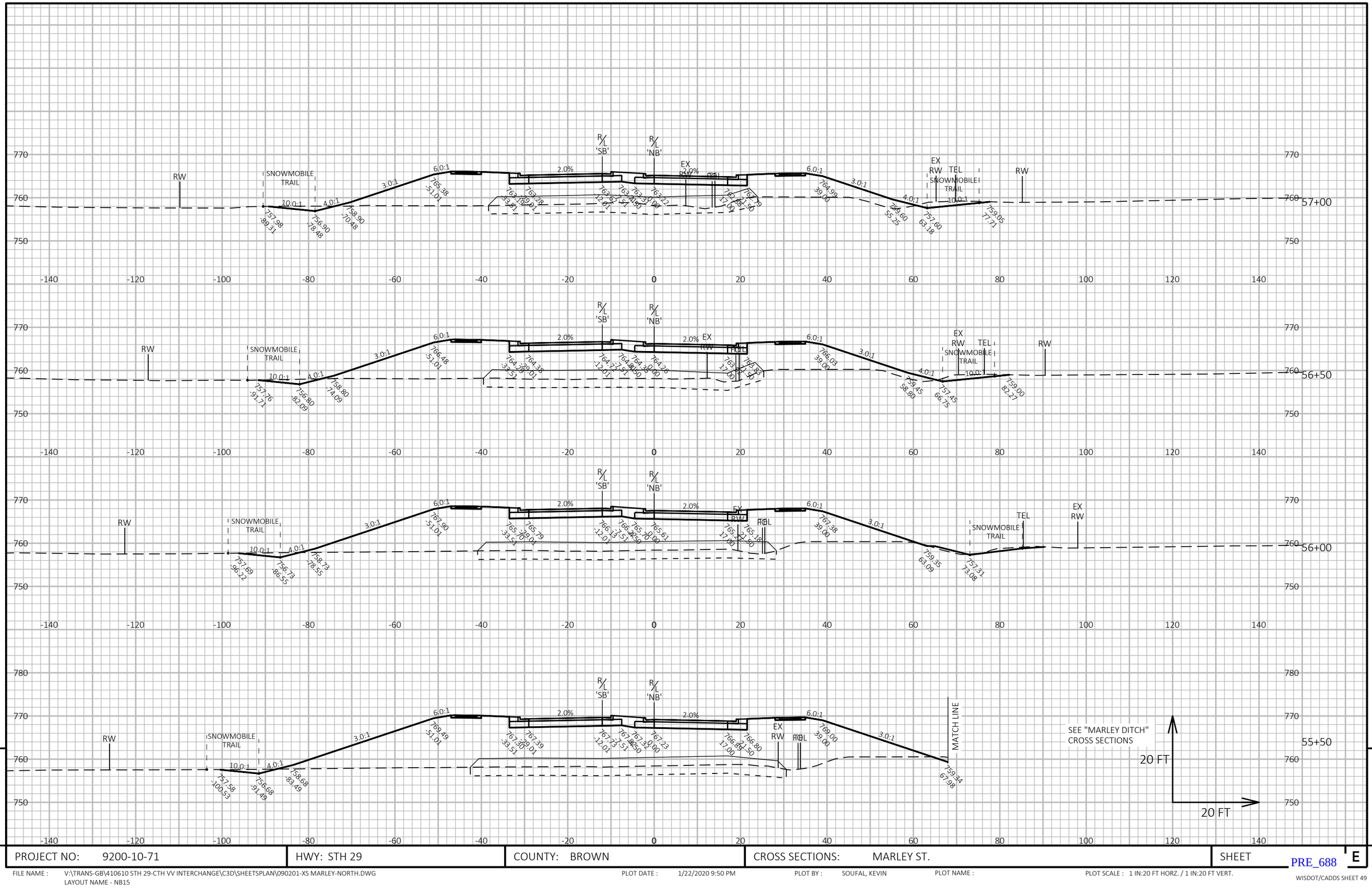
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_687

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB14

PLOT DATE : 1/22/2020 9:49 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_688

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB15

PLOT DATE : 1/22/2020 9:50 PM

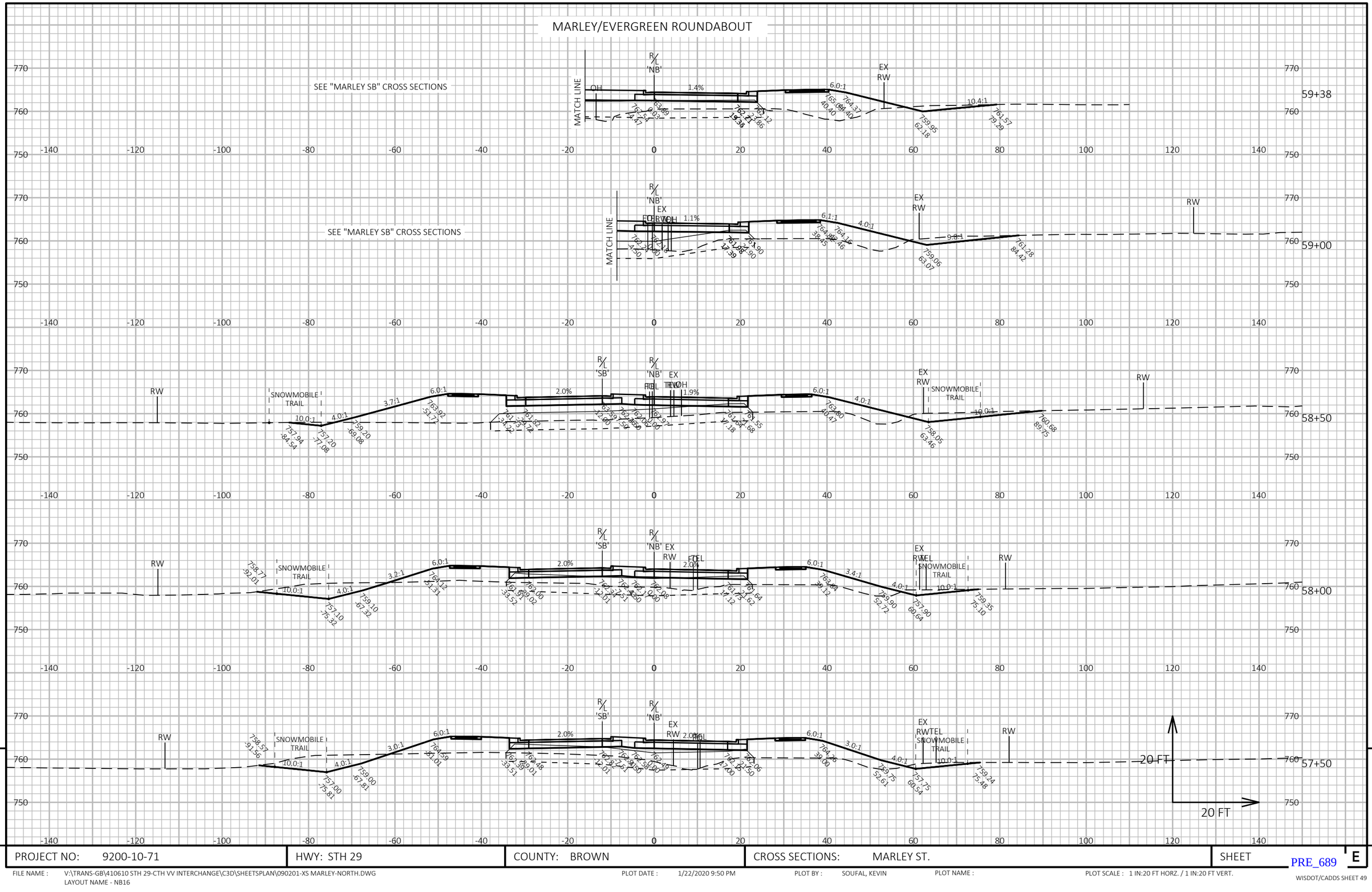
PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

MARLEY/EVERGREEN ROUNDABOUT

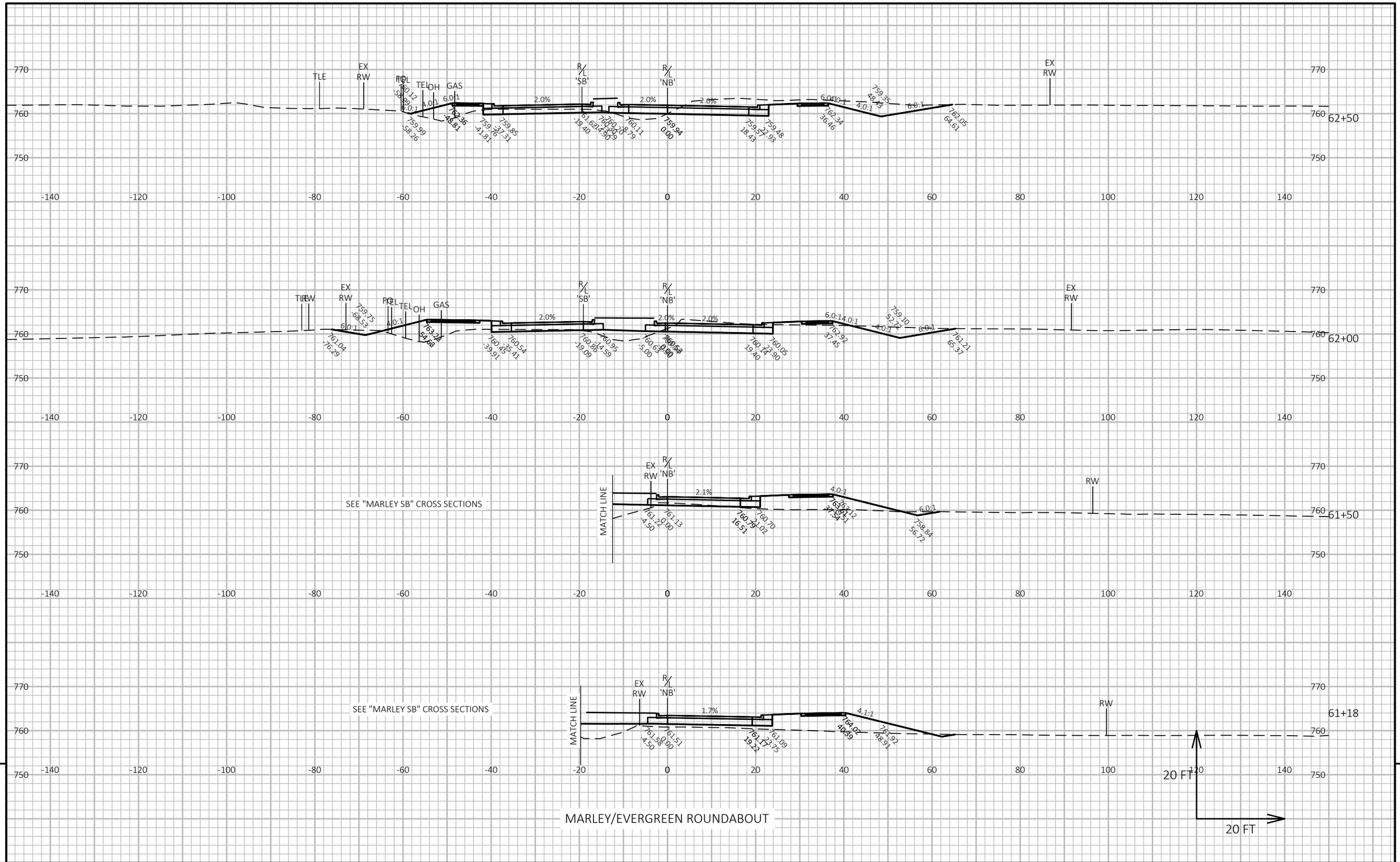


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_689

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB16

PLOT DATE : 1/22/2020 9:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

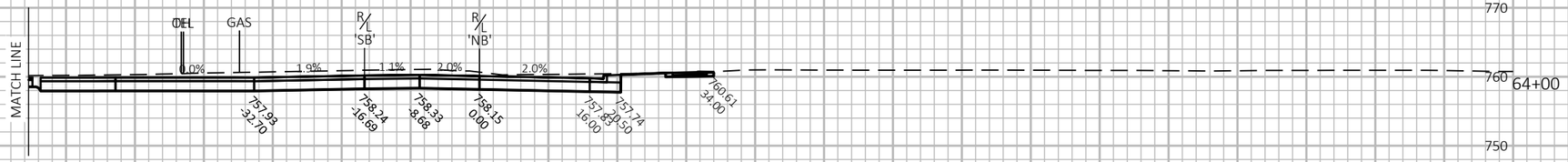
PRE_690

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB17

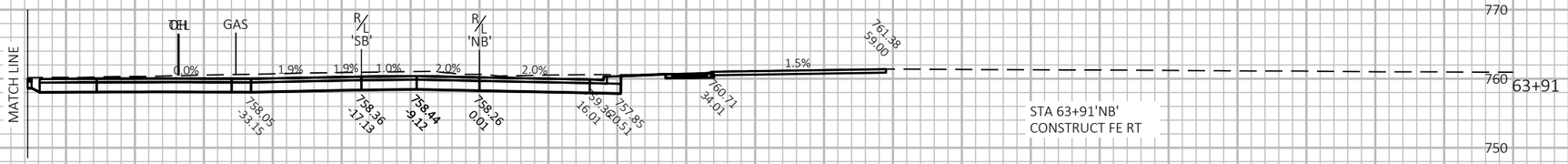
PLOT DATE : 1/22/2020 9:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

SEE "MILLWOOD" CROSS SECTIONS



SEE "MILLWOOD" CROSS SECTIONS



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

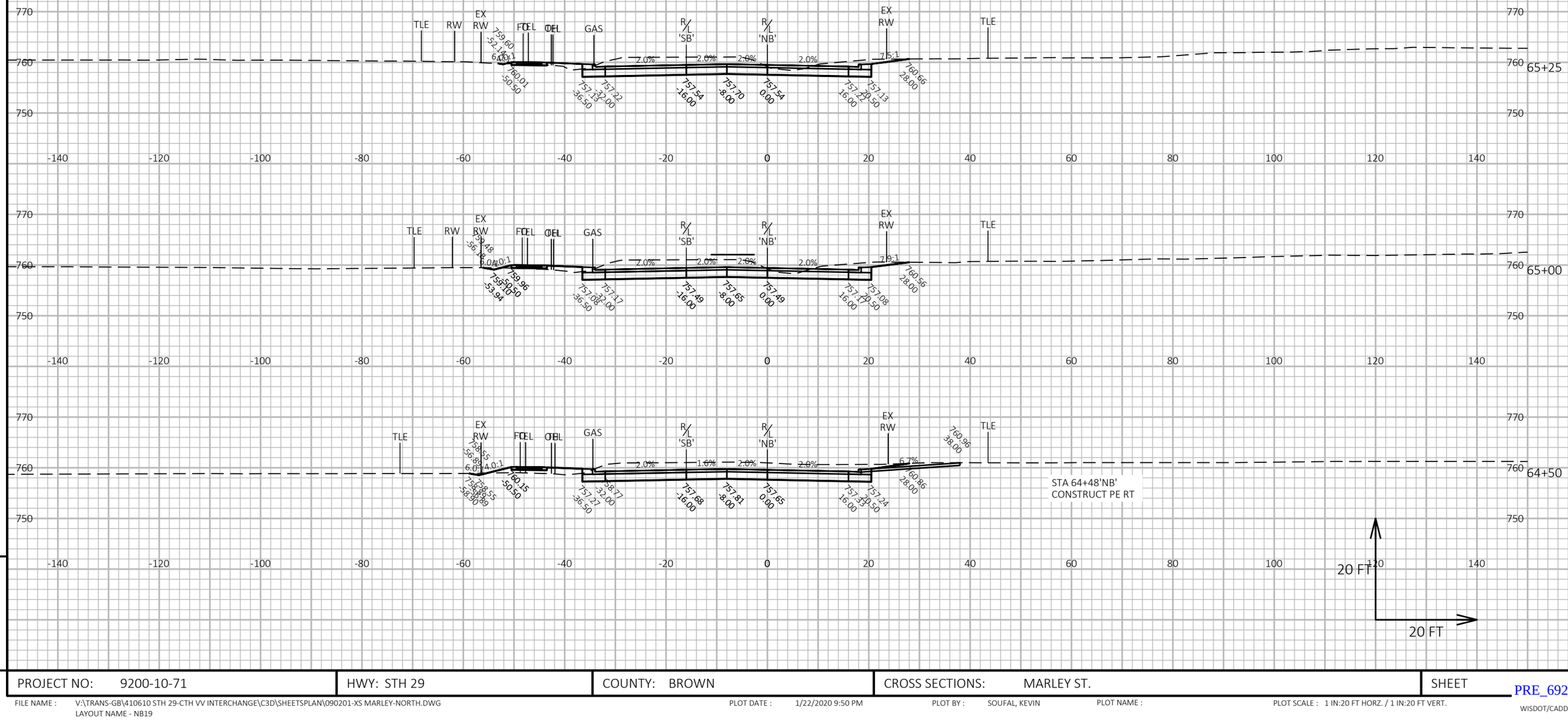
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB18

PLOT DATE : 1/22/2020 9:50 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_691

WISDOT/CADDS SHEET 49

END CONSTRUCTION



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST.	SHEET E

PRE_692

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - NB19

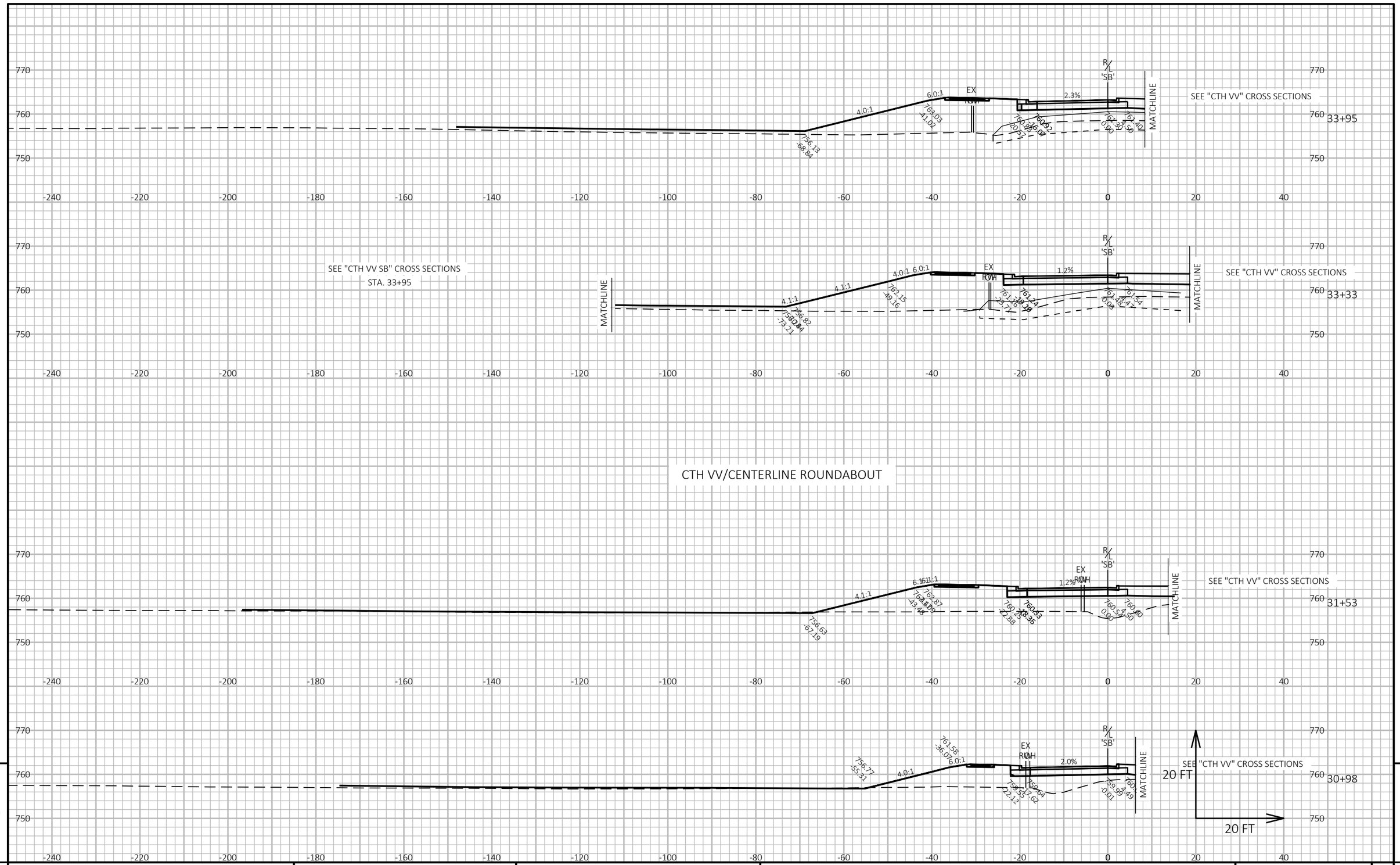
PLOT DATE : 1/22/2020 9:50 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV SOUTHBOUND	SHEET E

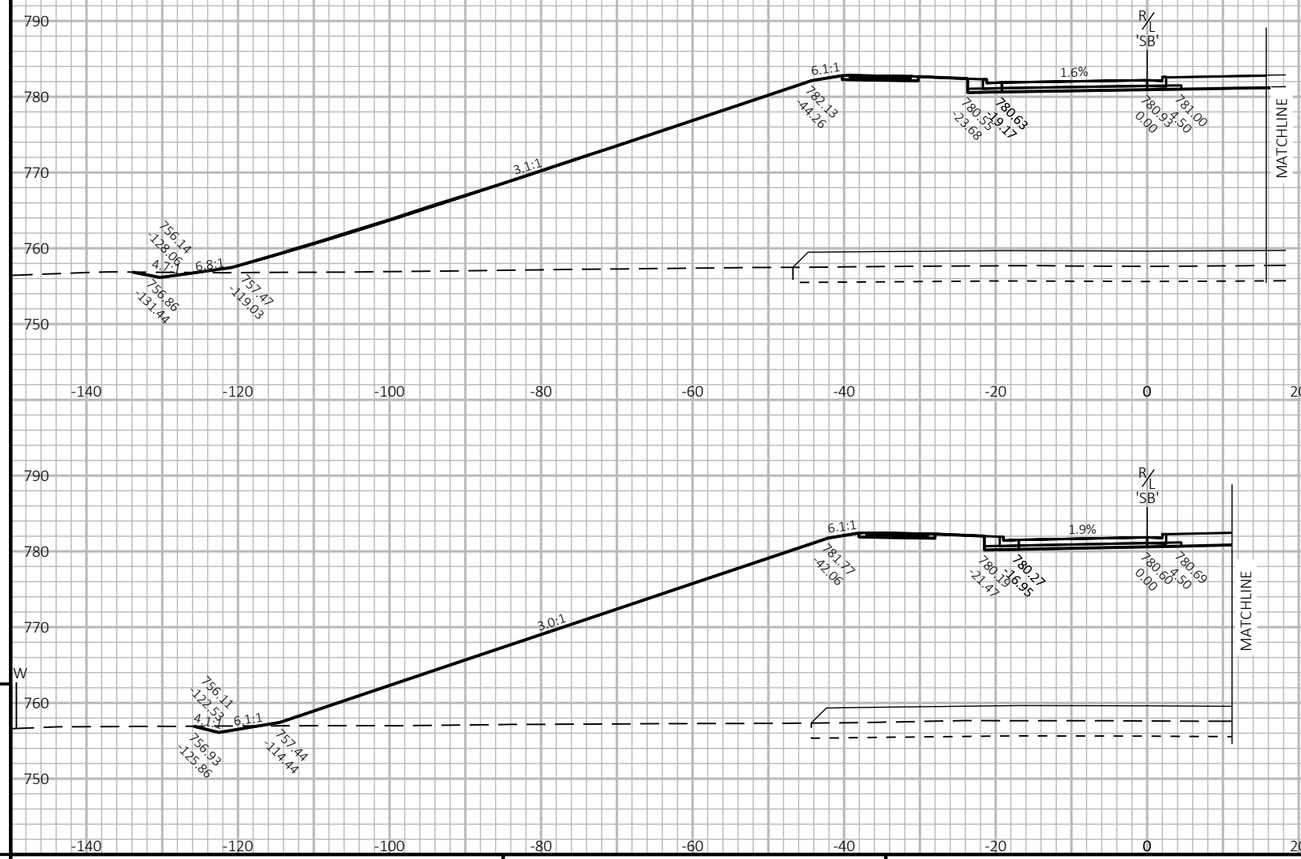
PRE_693

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - SB1

PLOT DATE : 1/22/2020 9:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

CTH VV/EB RAMP ROUNDABOUT



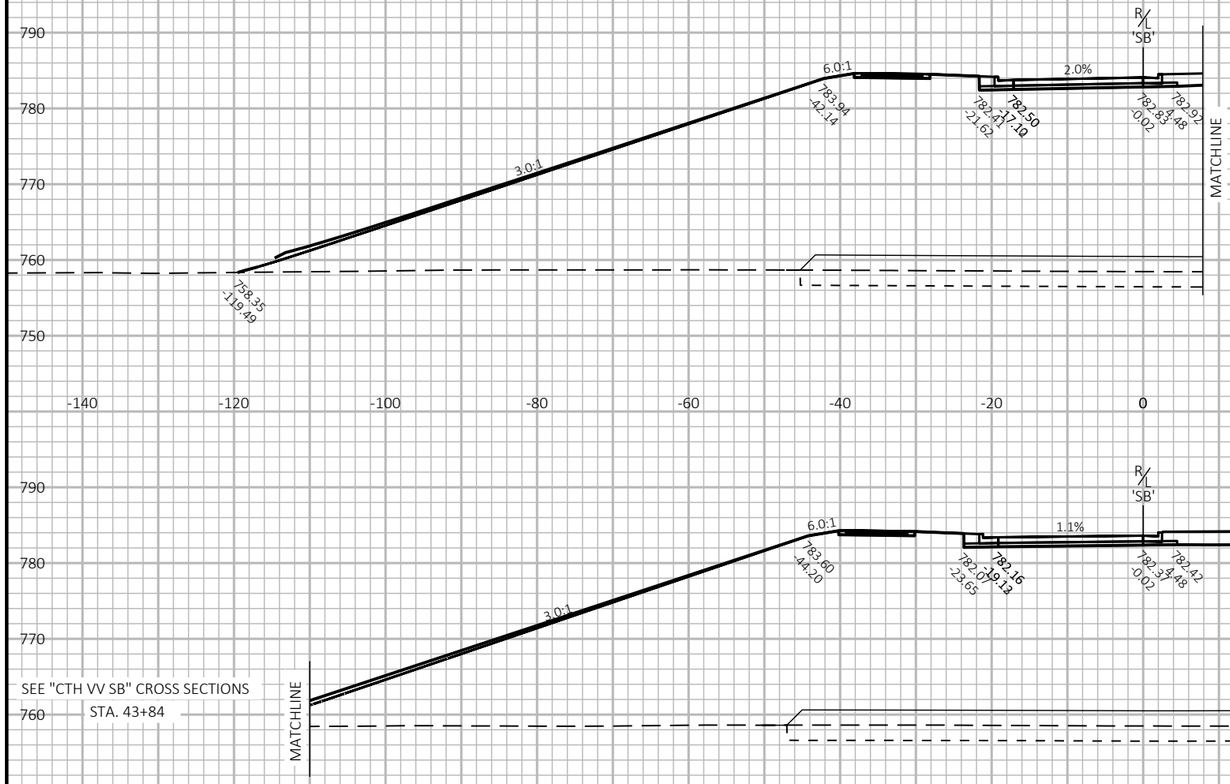
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV SOUTHBOUND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - SB2

PLOT DATE : 1/22/2020 9:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_694

WISDOT/CADDS SHEET 49



SEE "CTH VV" CROSS SECTIONS

43+84

SEE "CTH VV SB" CROSS SECTIONS
STA. 43+84

SEE "CTH VV" CROSS SECTIONS

43+44

20 FT
20 FT

CTH VV/EB RAMP ROUNDABOUT

9

9

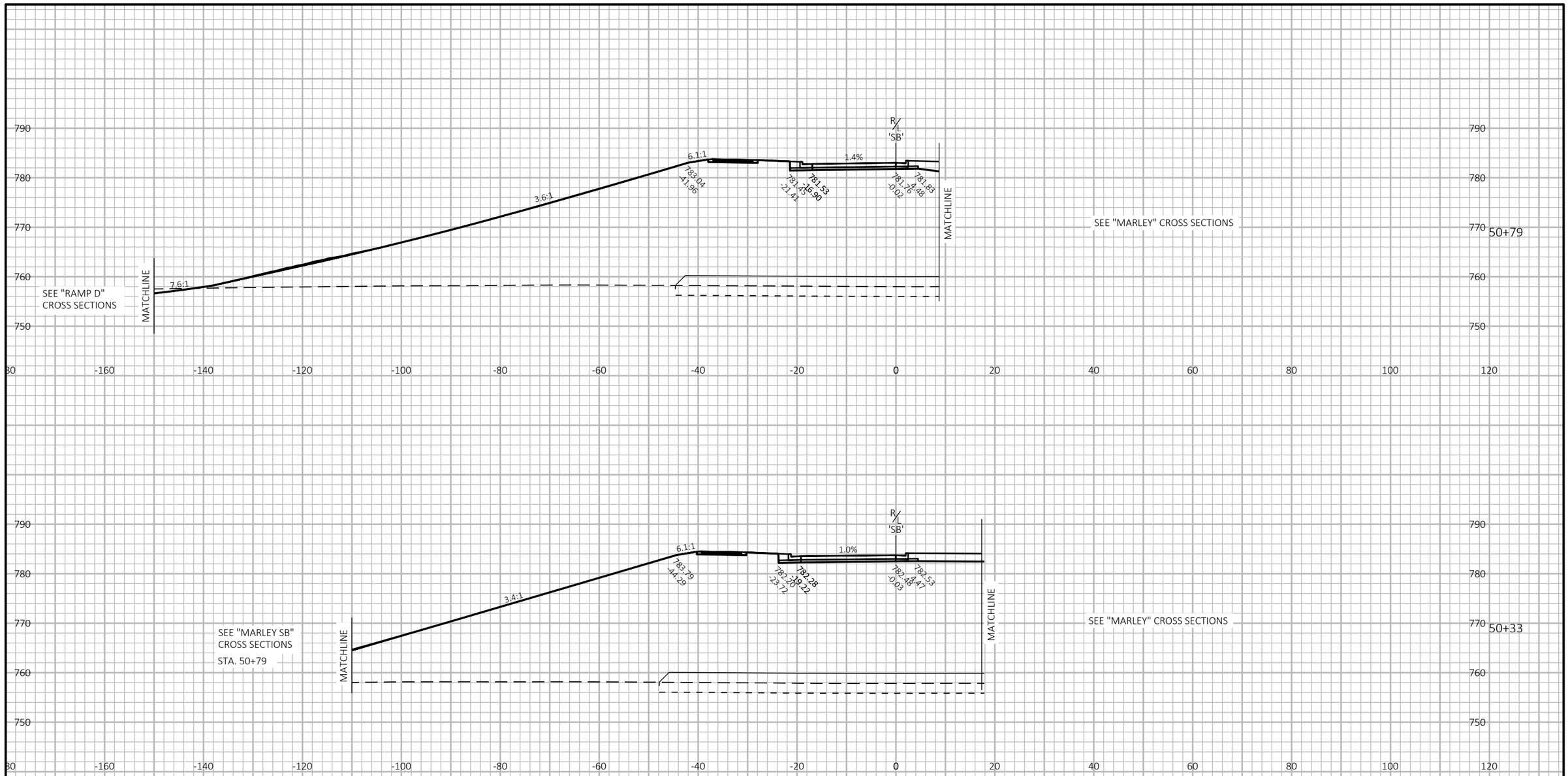
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV SOUTHBOUND	SHEET E

PRE_695

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH VV-SOUTH.DWG
LAYOUT NAME - SB3

PLOT DATE : 1/22/2020 9:51 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

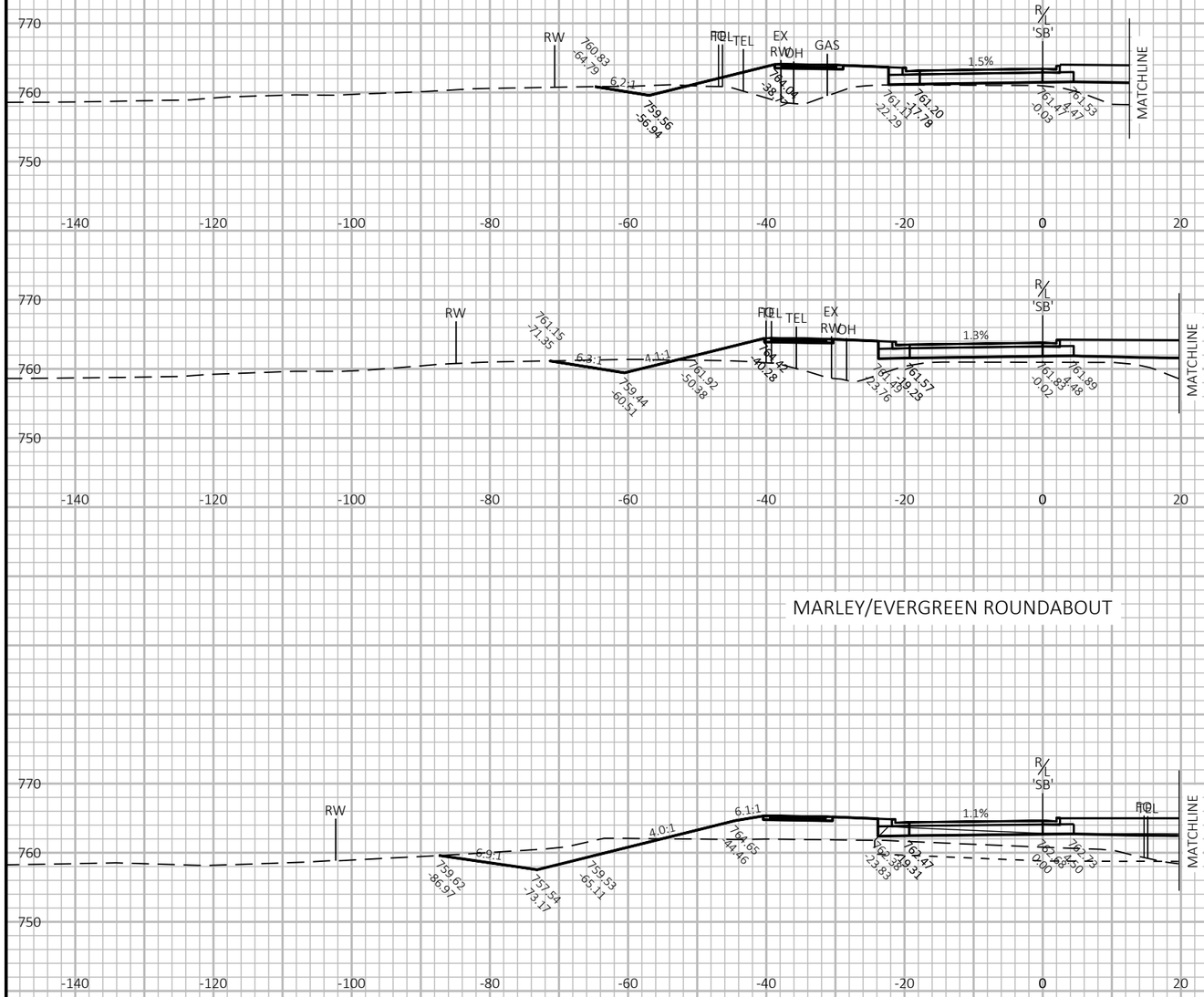
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. SOUTHBOUND	SHEET E

PRE_696

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - SB5

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



MARLEY/EVERGREEN ROUNDABOUT

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. SOUTHBOUND	SHEET E

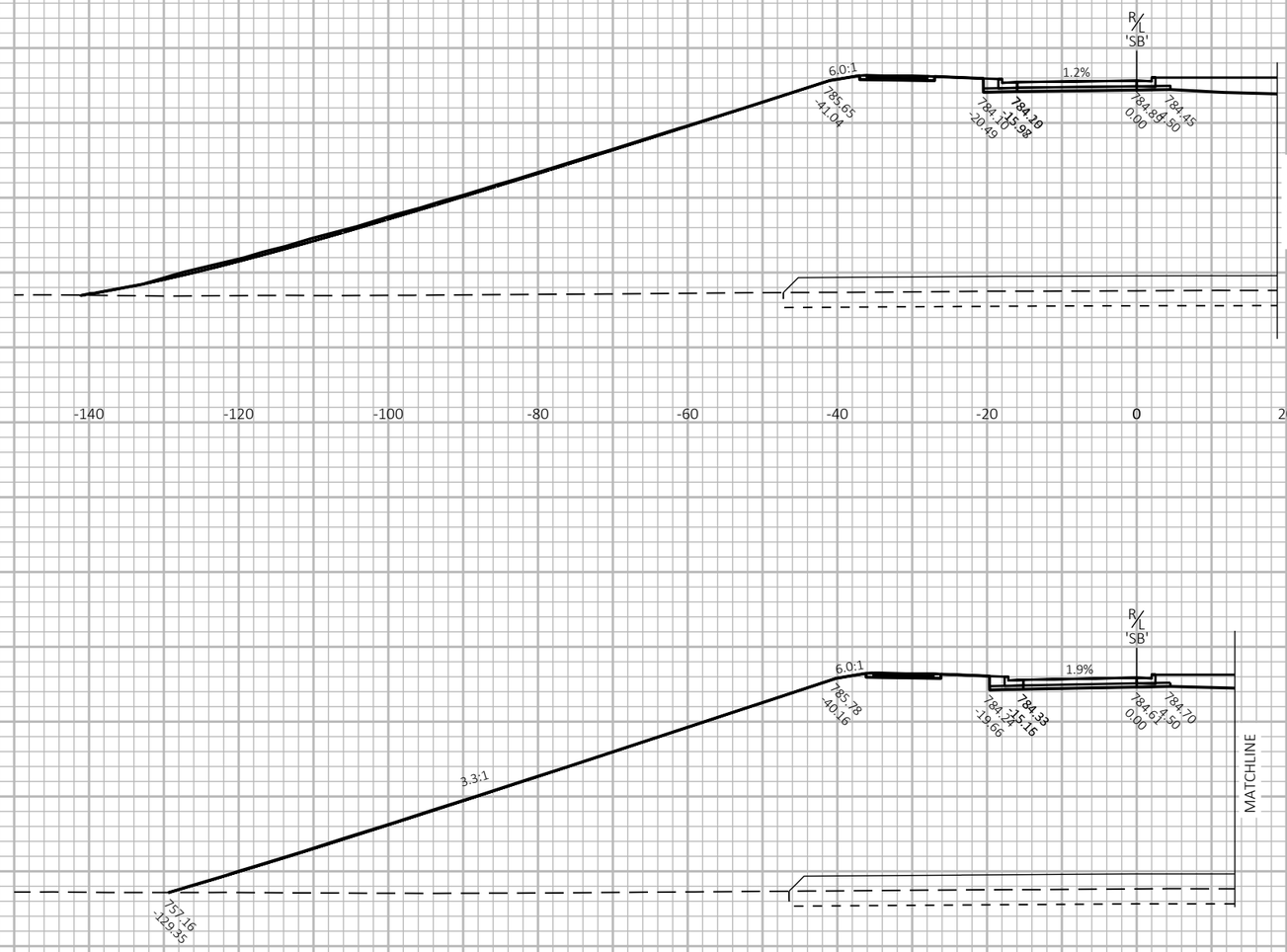
PRE_697

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - SB6

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

MARLEY/WB RAMP ROUNDABOUT



SEE "MARLEY" CROSS SECTIONS

48+52

SEE "MARLEY" CROSS SECTIONS

48+35

20 FT

20 FT

9

9

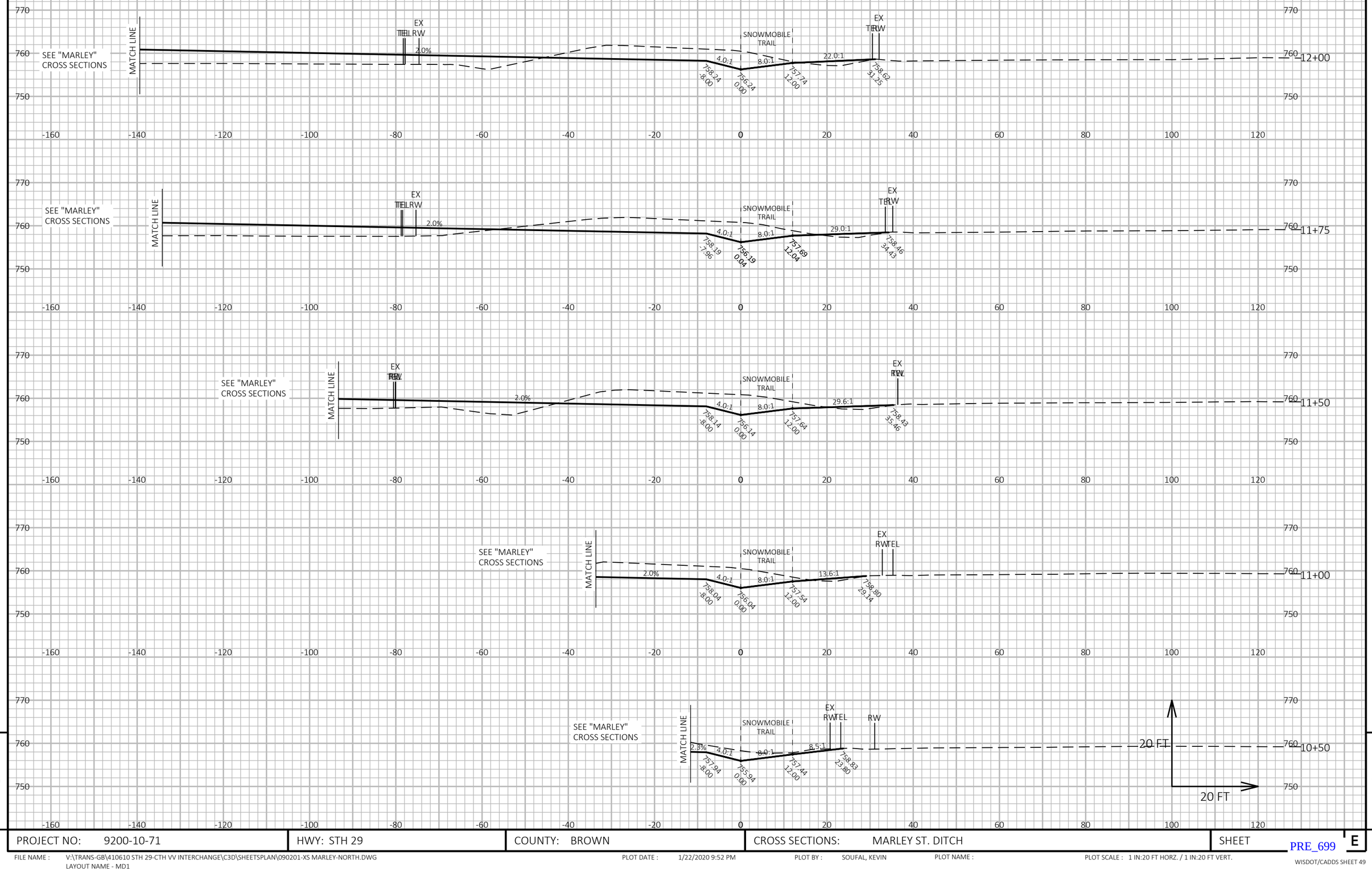
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. SOUTHBOUND	SHEET E

PRE_698

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - SB4

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

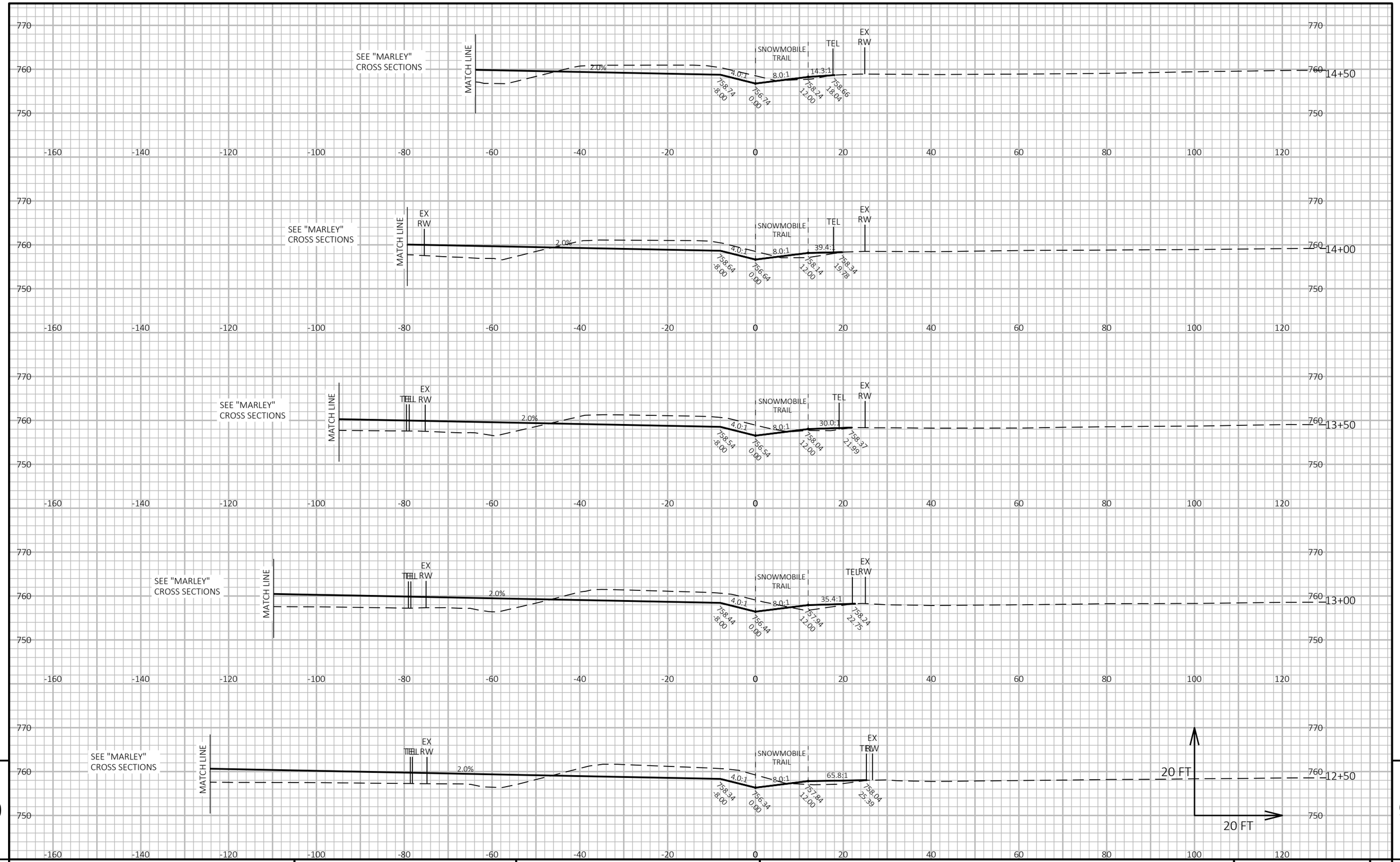
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. DITCH	SHEET E

PRE_699

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - MD1

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. DITCH	SHEET E

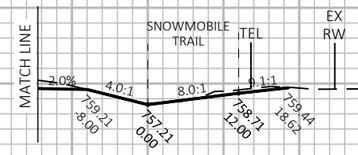
PRE_700

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - MD2

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

SEE "MARLEY" CROSS SECTIONS



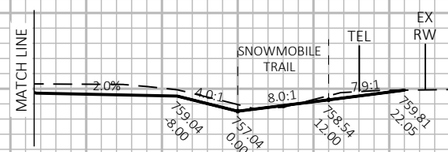
16+84

SEE "MARLEY" CROSS SECTIONS



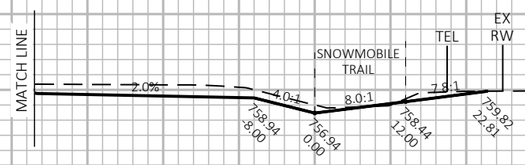
16+50

SEE "MARLEY" CROSS SECTIONS



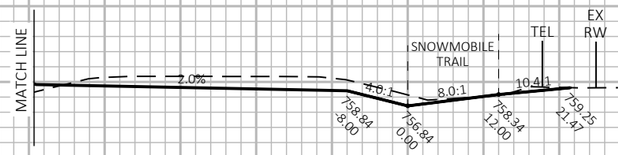
16+00

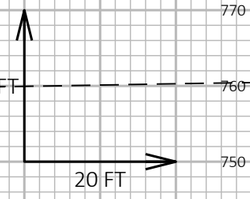
SEE "MARLEY" CROSS SECTIONS



15+50

SEE "MARLEY" CROSS SECTIONS





15+00

9 9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MARLEY ST. DITCH	SHEET E

PRE_701

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - MD3

PLOT DATE : 1/22/2020 9:52 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_702

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-1

PLOT DATE : 1/22/2020 9:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

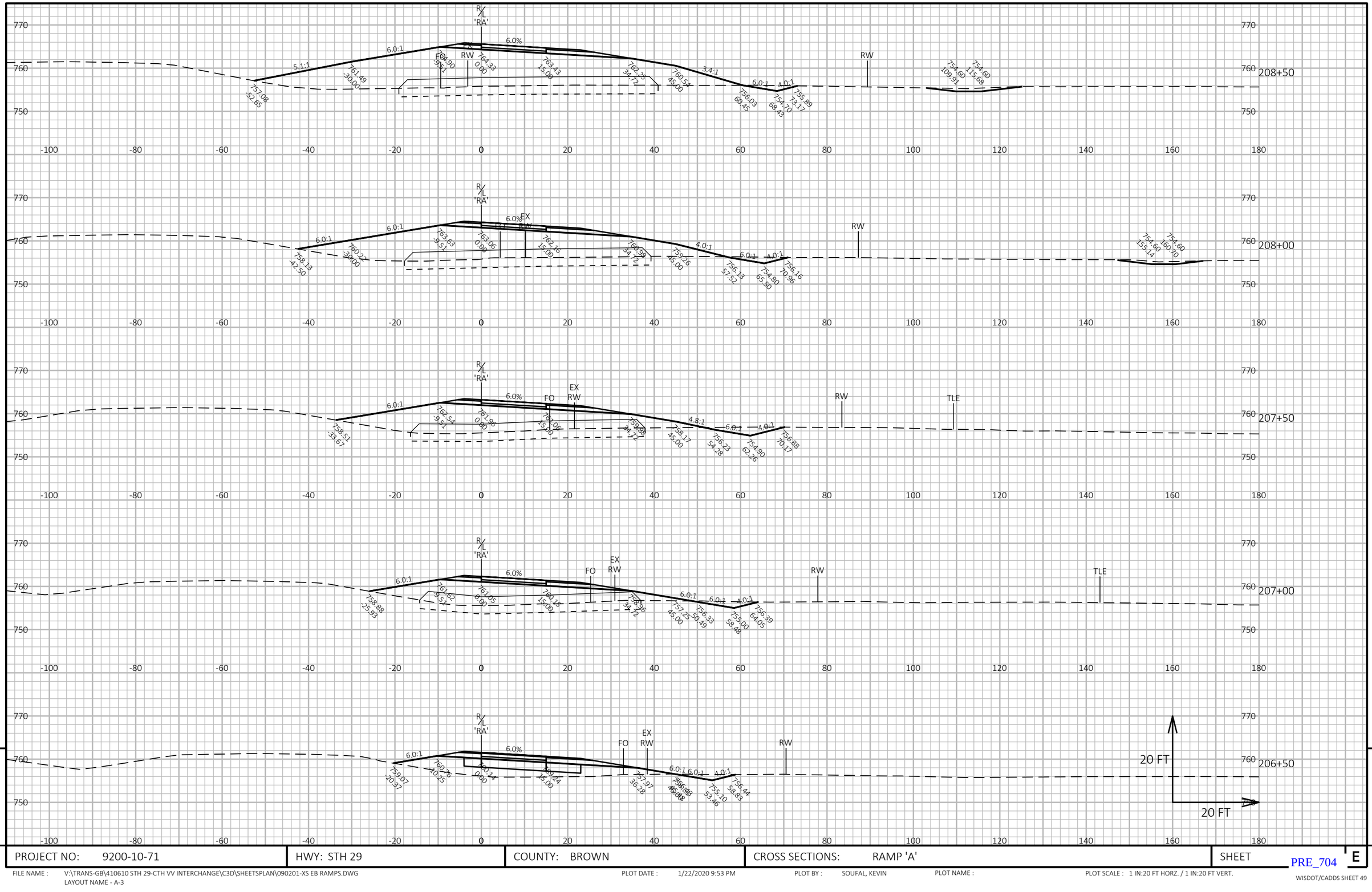
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_703

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-2

PLOT DATE : 1/22/2020 9:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



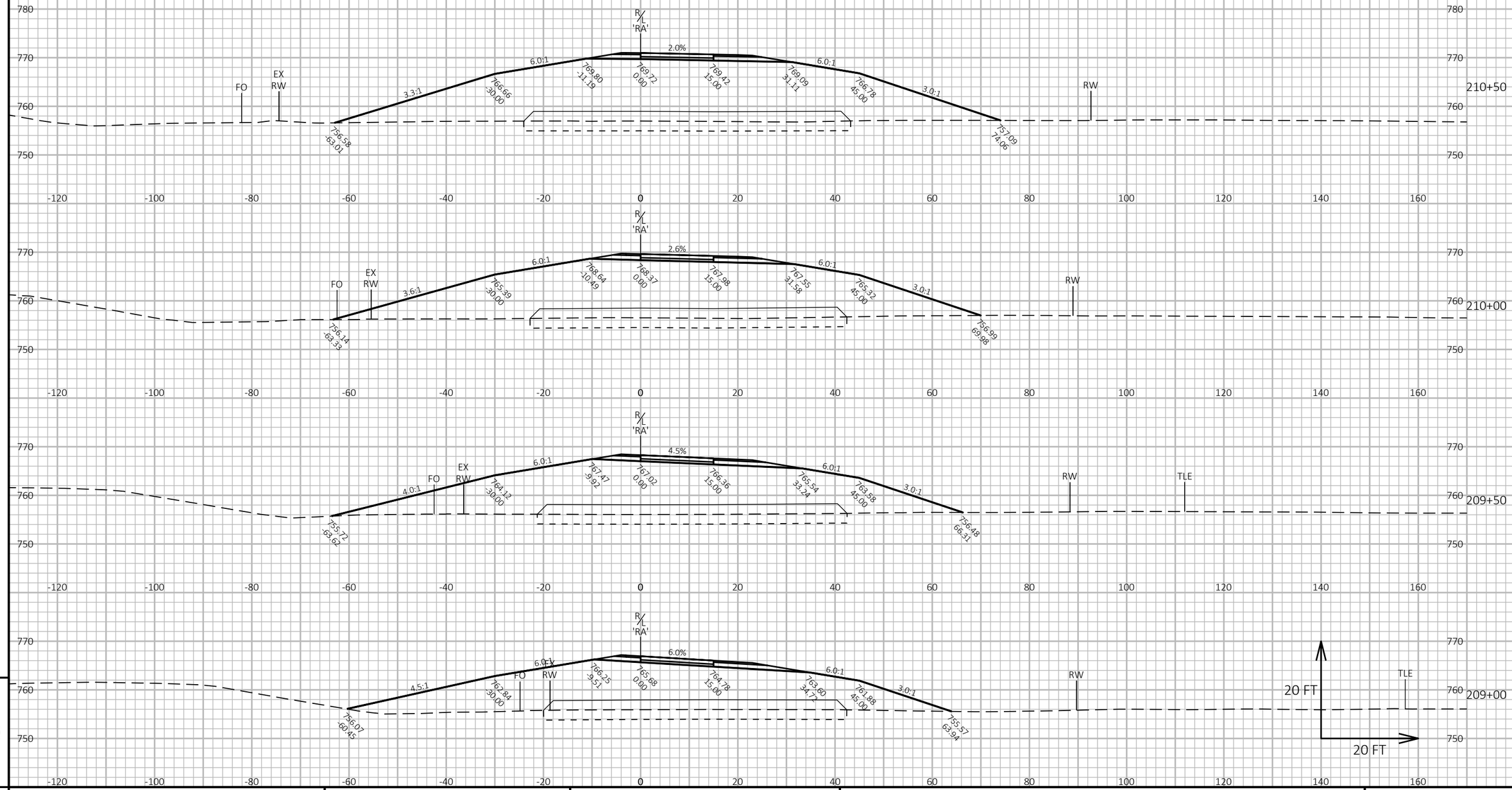
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_704

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-3

PLOT DATE : 1/22/2020 9:53 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

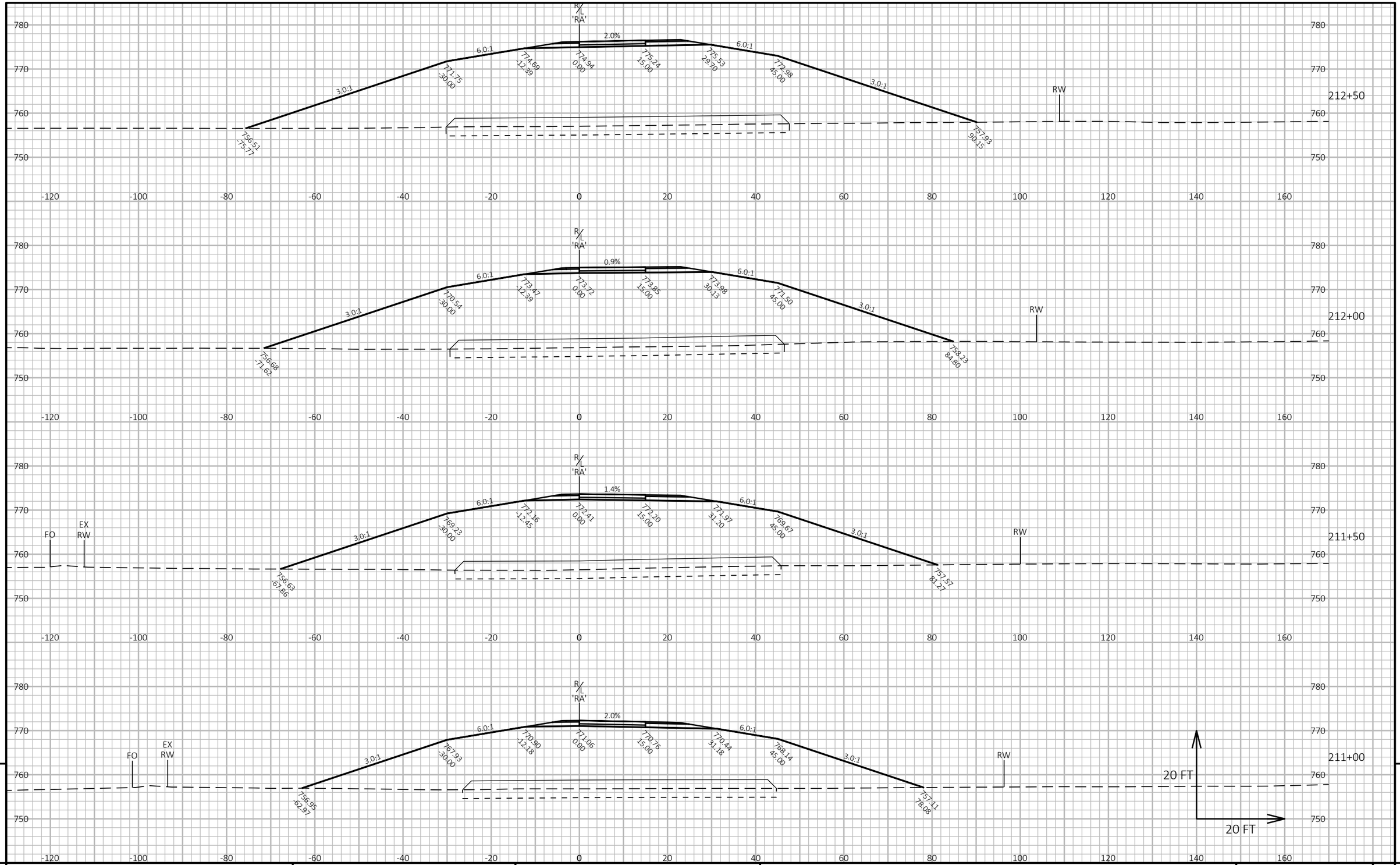
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_705

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-4

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-5

PLOT DATE : 1/22/2020 9:54 PM

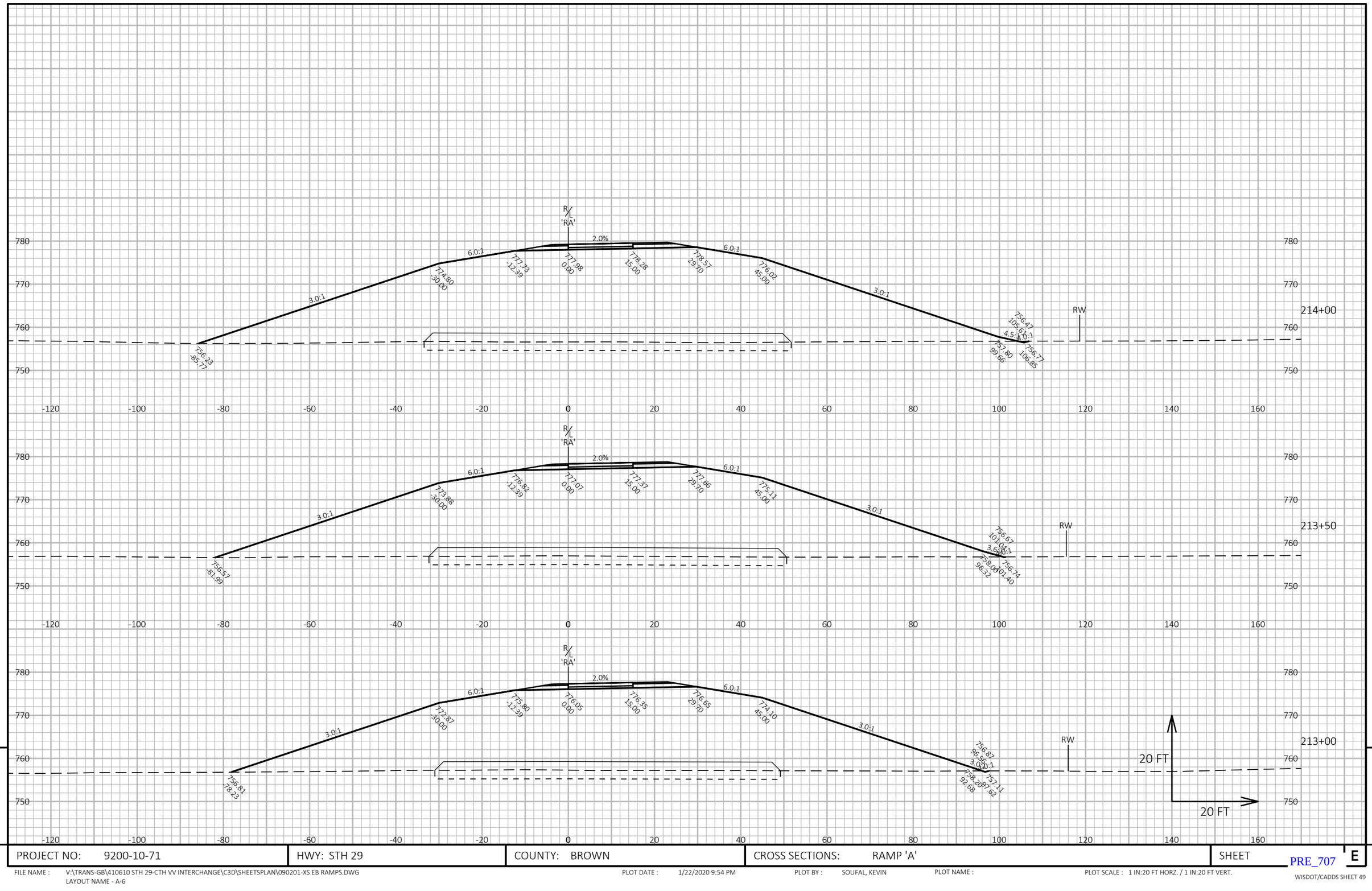
PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_706

WISDOT/CADDS SHEET 49



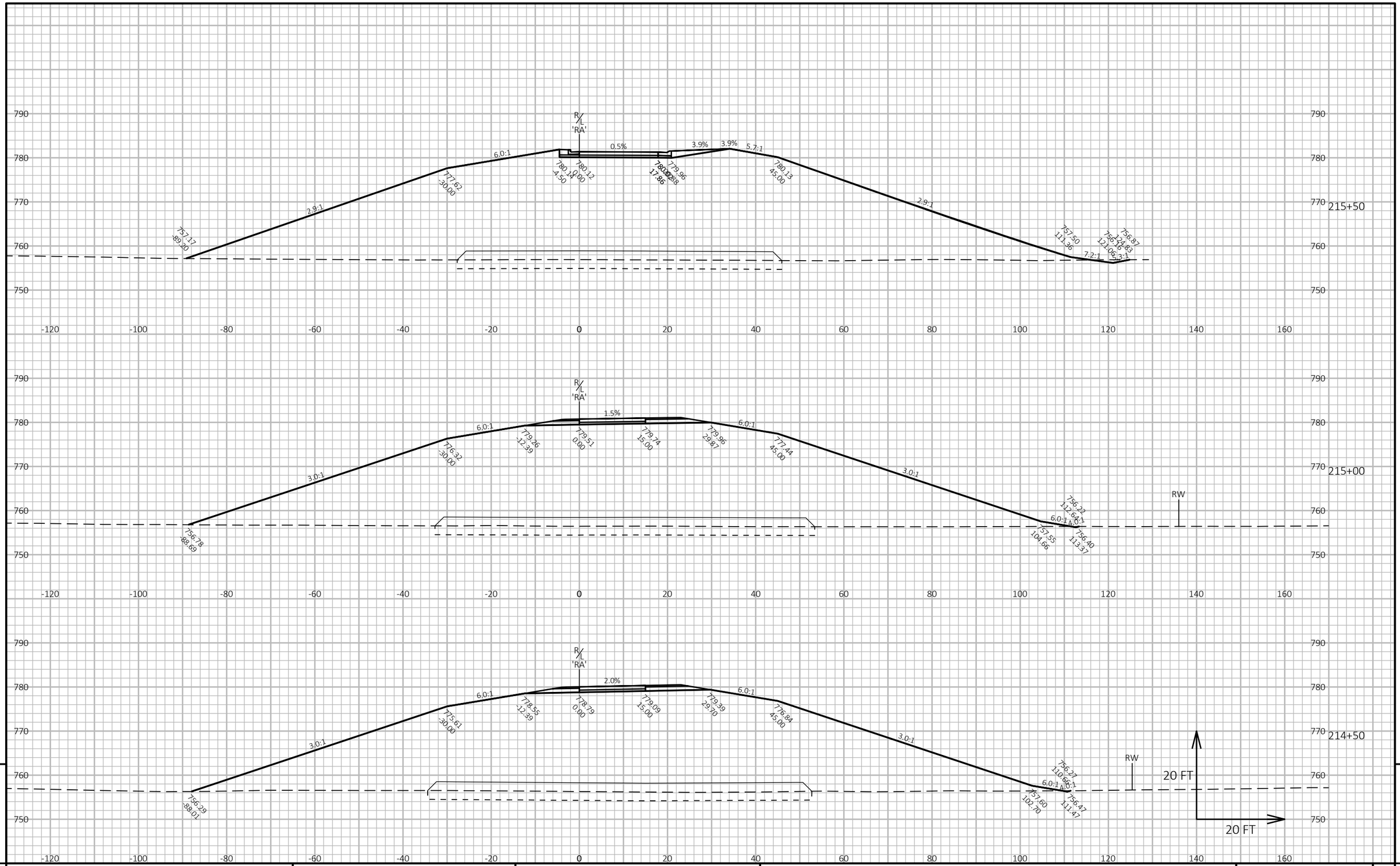
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_707

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-6

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

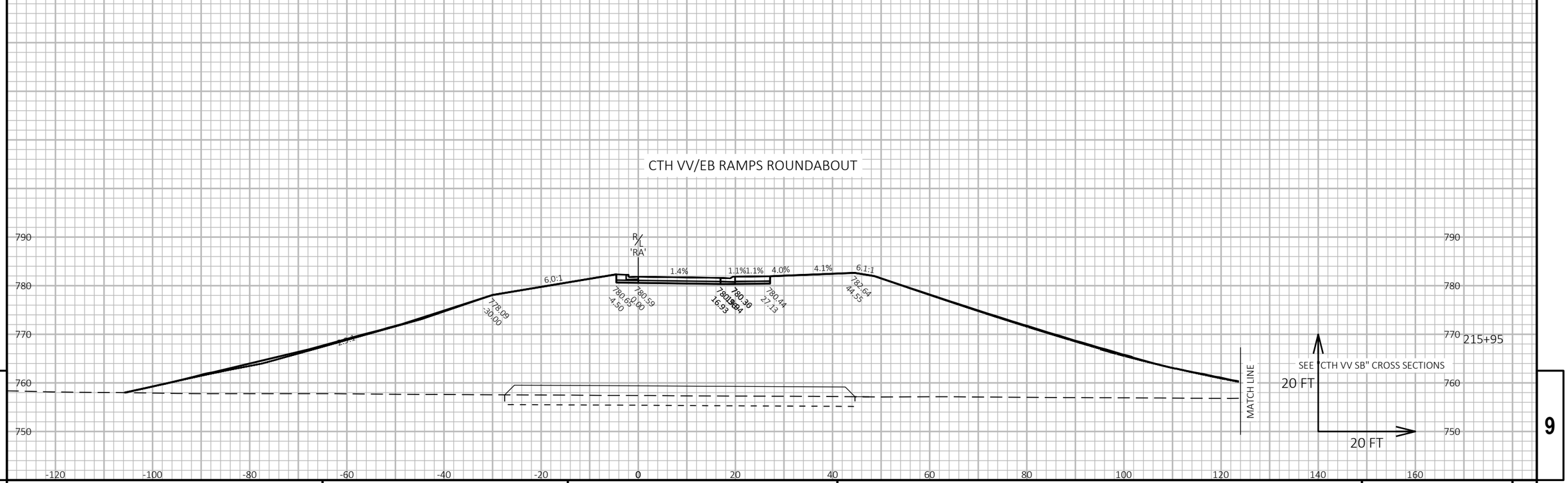
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-7

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_708

WISDOT/CADDS SHEET 49

CTH VV/EB RAMPS ROUNDABOUT



9 9

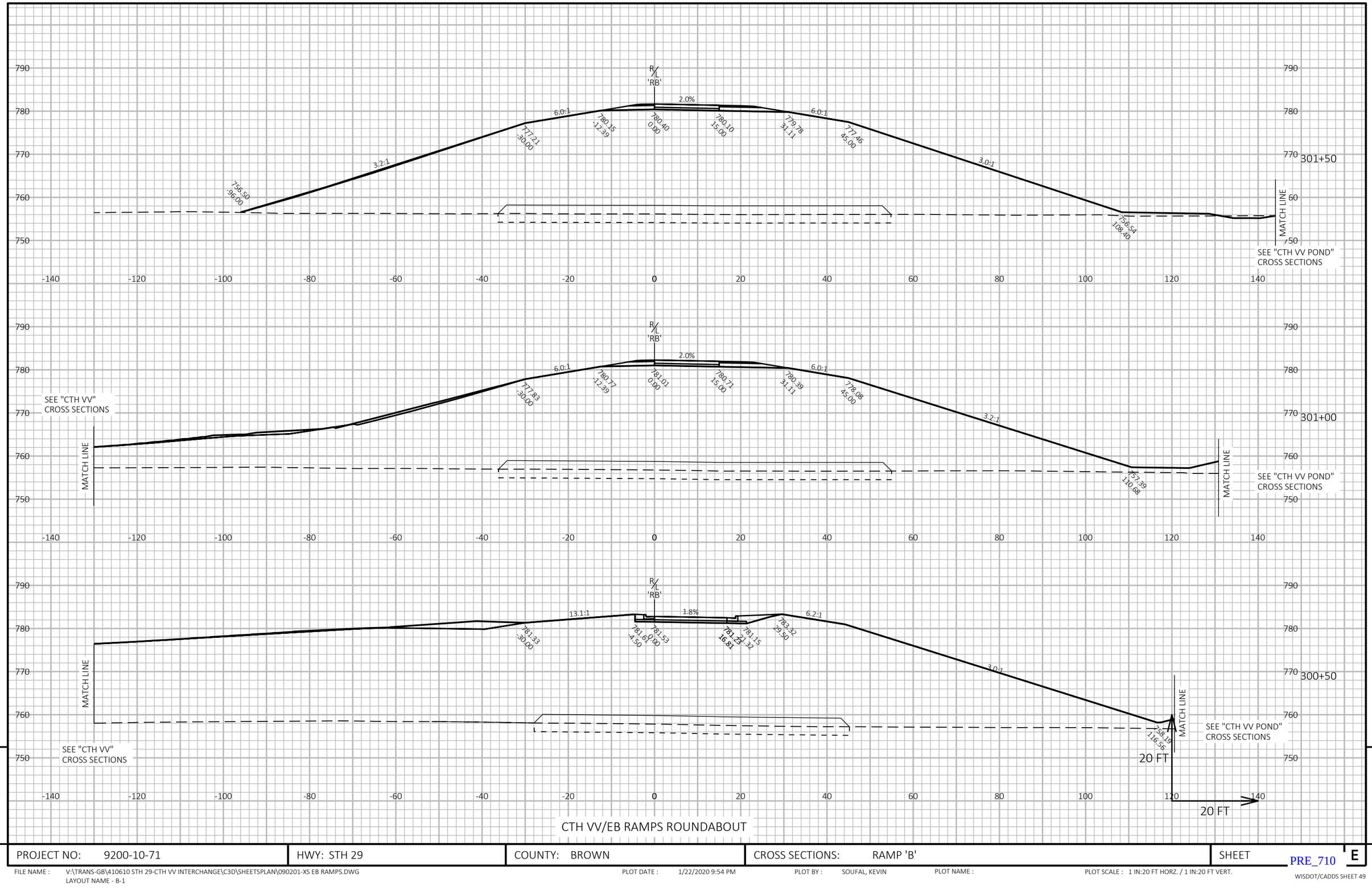
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'A'	SHEET E

PRE_709

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - A-8

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

CTH VV/EB RAMPS ROUNDABOUT

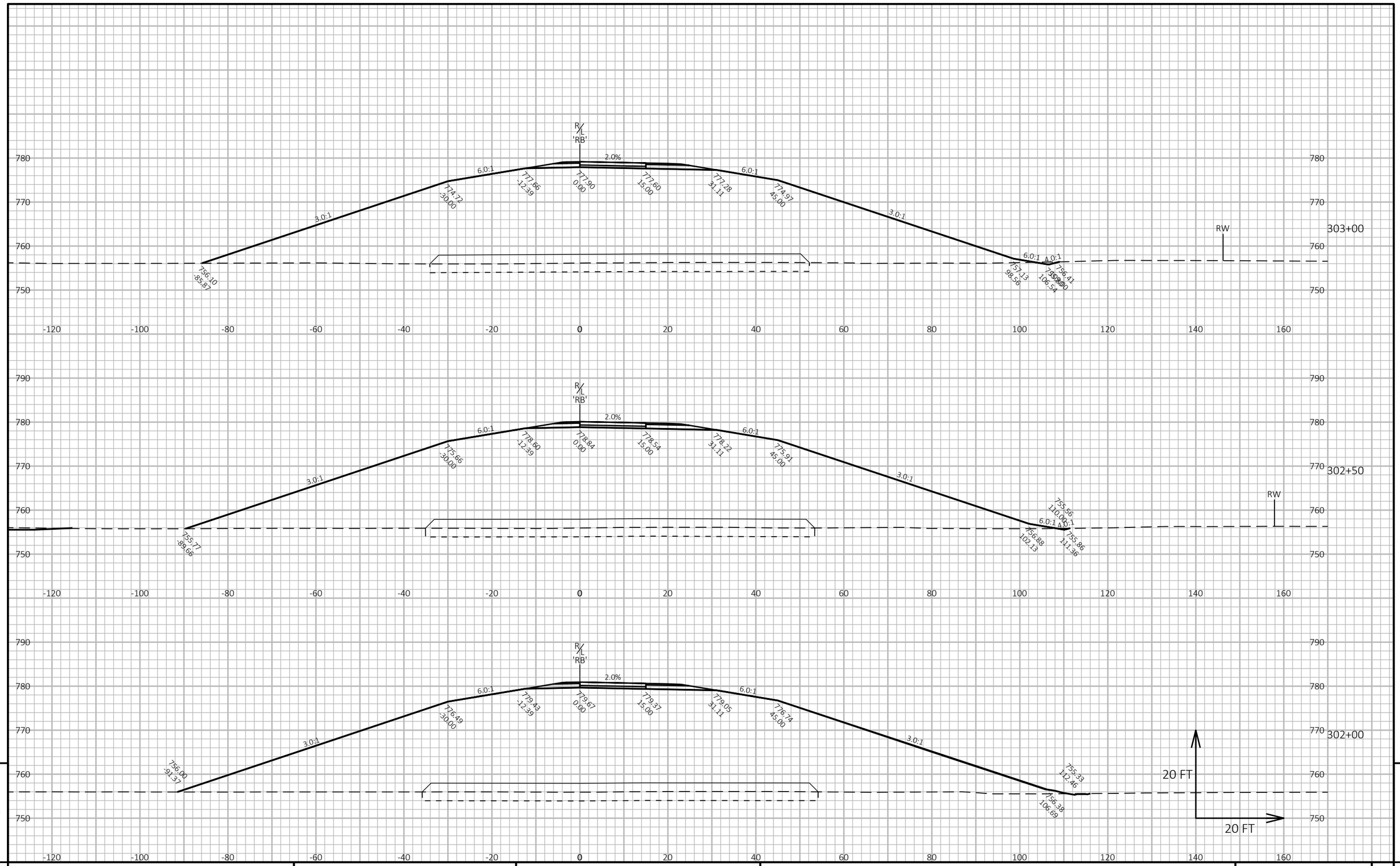
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

PRE_710

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-1

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

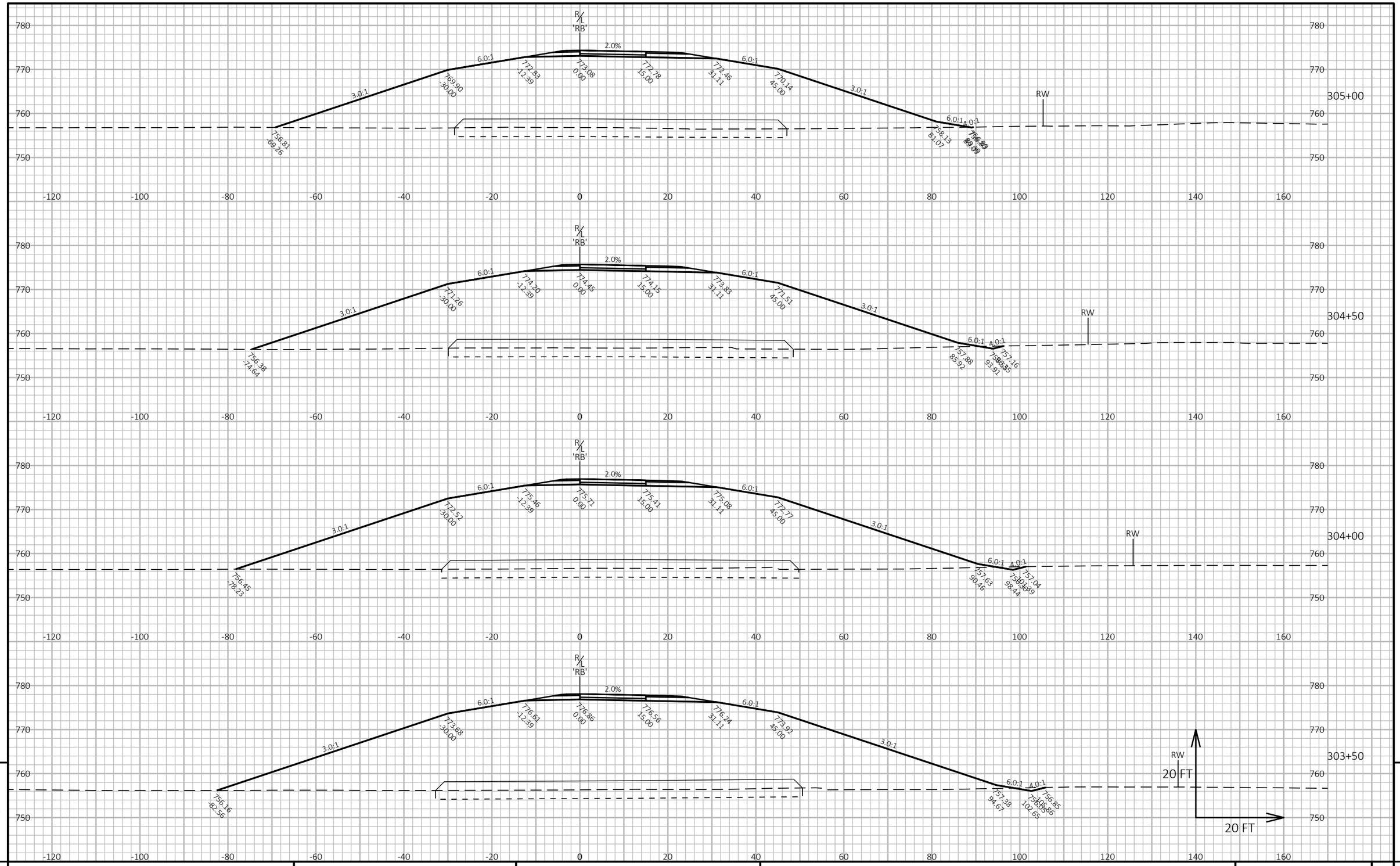
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

PRE_711

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-2

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



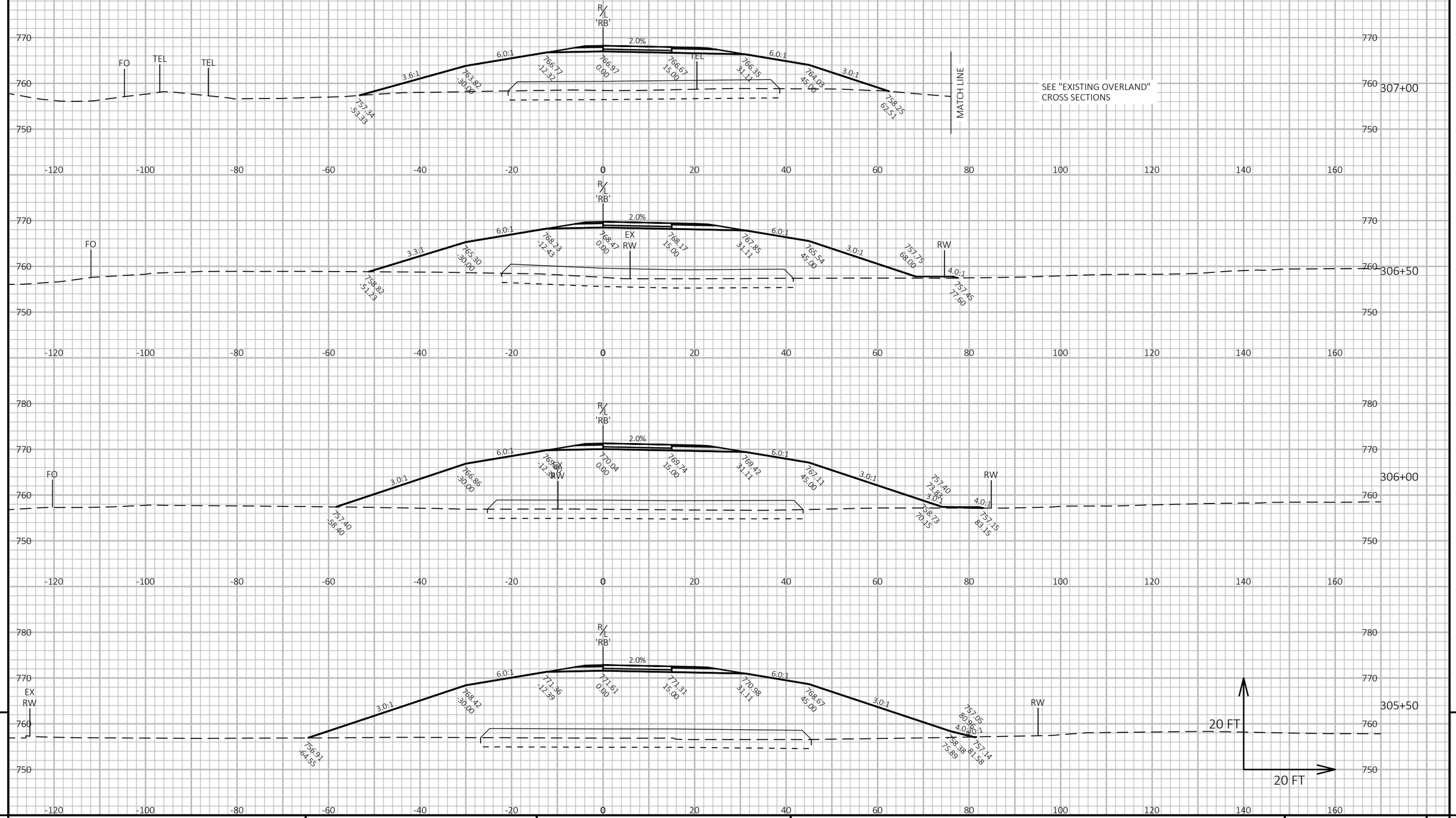
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

PRE_712

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-3

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET PRE_713 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-4

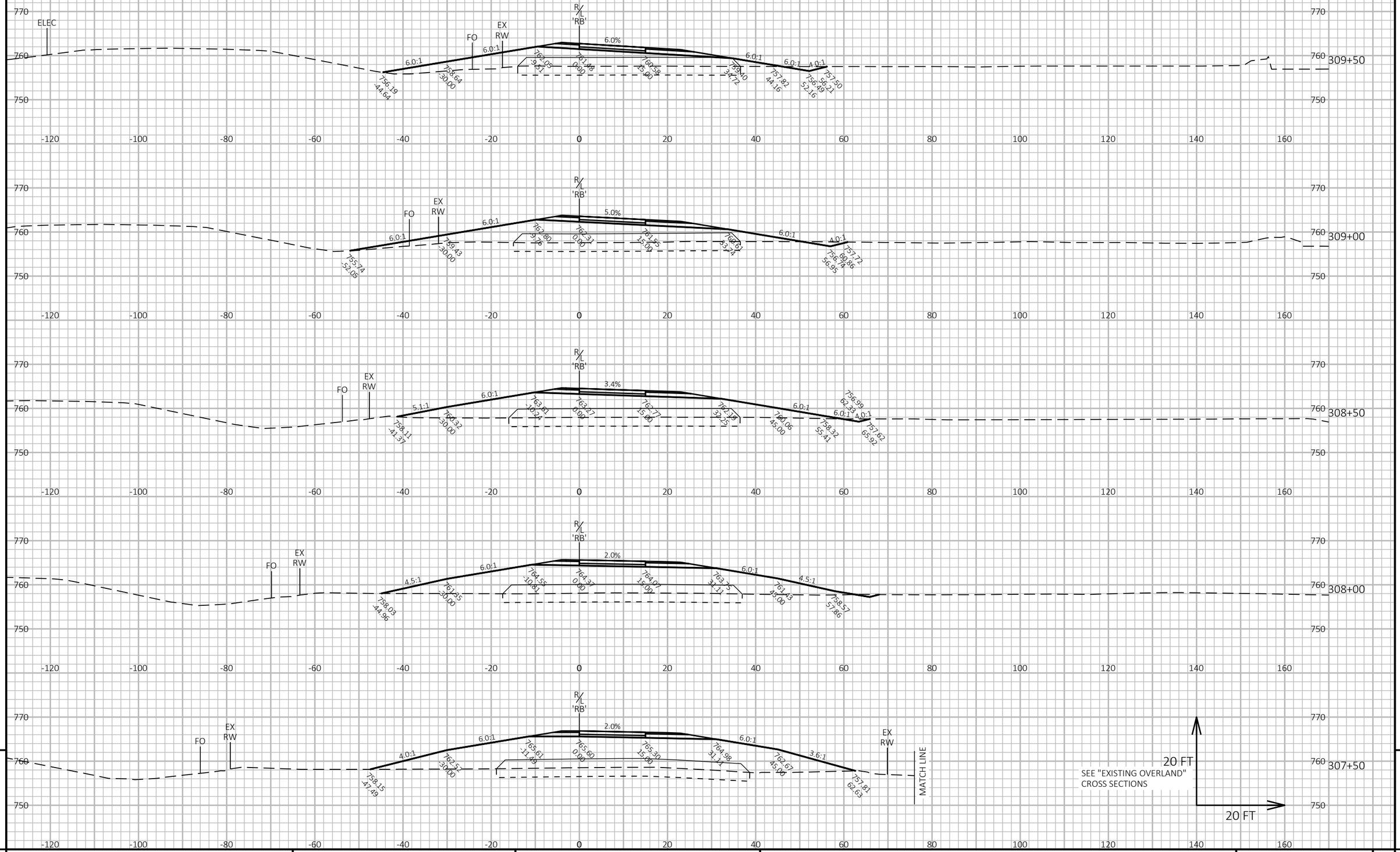
PLOT DATE : 1/22/2020 9:54 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

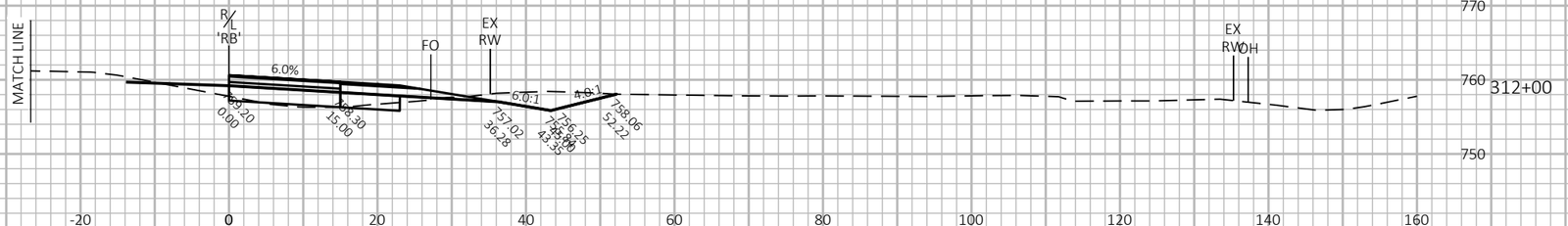
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-5

PLOT DATE : 1/22/2020 9:54 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

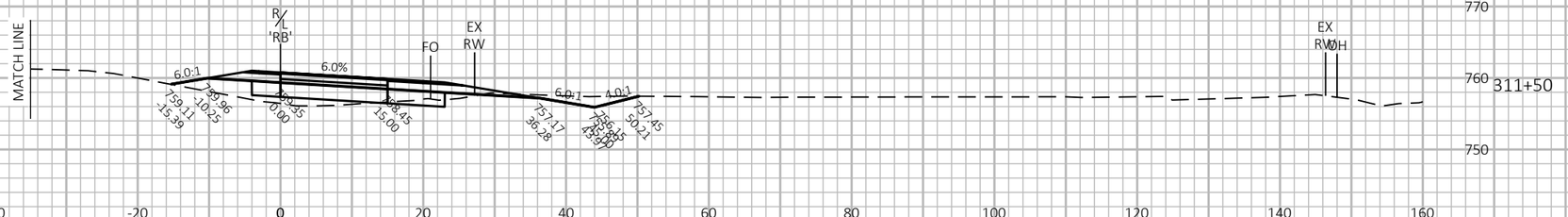
PRE_714

WISDOT/CADDS SHEET 49

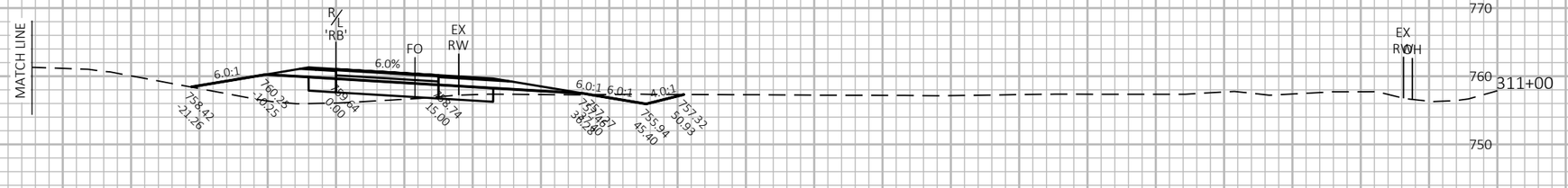
SEE "STH 29" CROSS SECTIONS



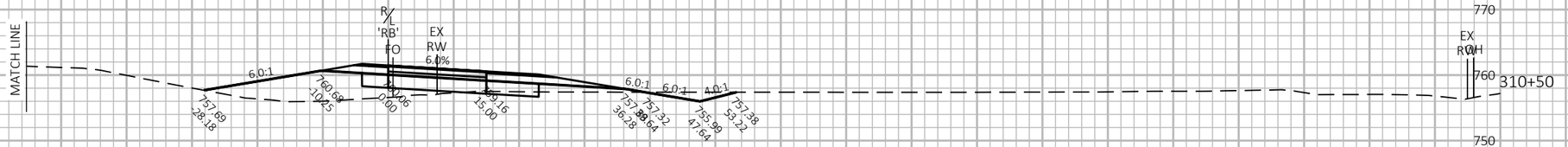
SEE "STH 29" CROSS SECTIONS

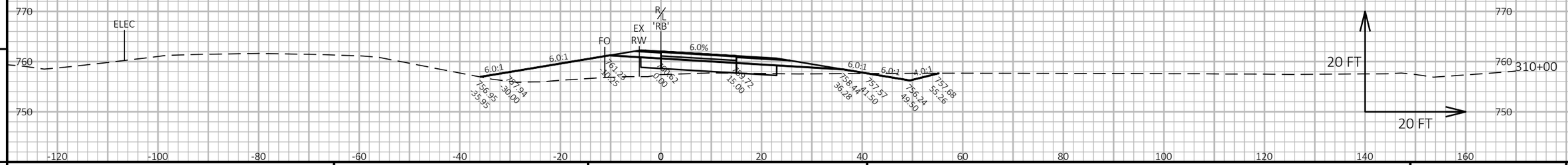


SEE "STH 29" CROSS SECTIONS



SEE "STH 29" CROSS SECTIONS





9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

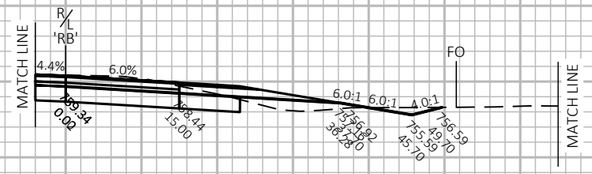
PRE_715

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-6

PLOT DATE : 1/22/2020 9:55 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

SEE "STH 29" CROSS SECTIONS



SEE "TRIANGLE" CROSS SECTIONS

314+50

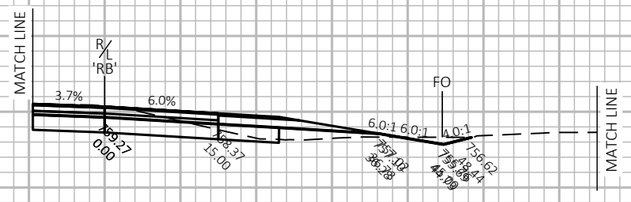
SEE "STH 29" CROSS SECTIONS



SEE "TRIANGLE" CROSS SECTIONS

314+00

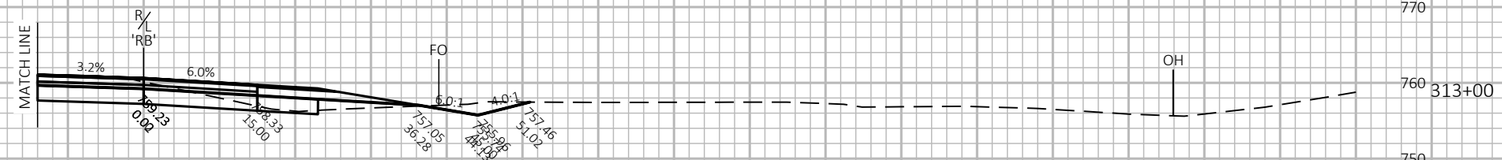
SEE "STH 29" CROSS SECTIONS



SEE "TRIANGLE" CROSS SECTIONS

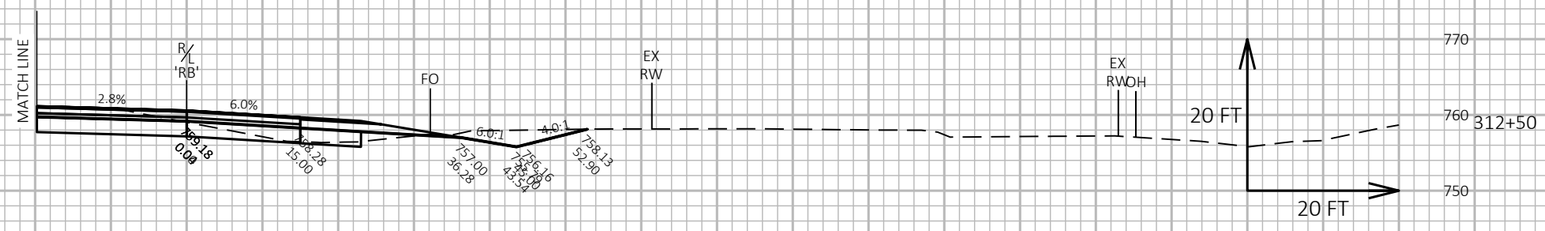
313+50

SEE "STH 29" CROSS SECTIONS



313+00

SEE "STH 29" CROSS SECTIONS



312+50

9

9

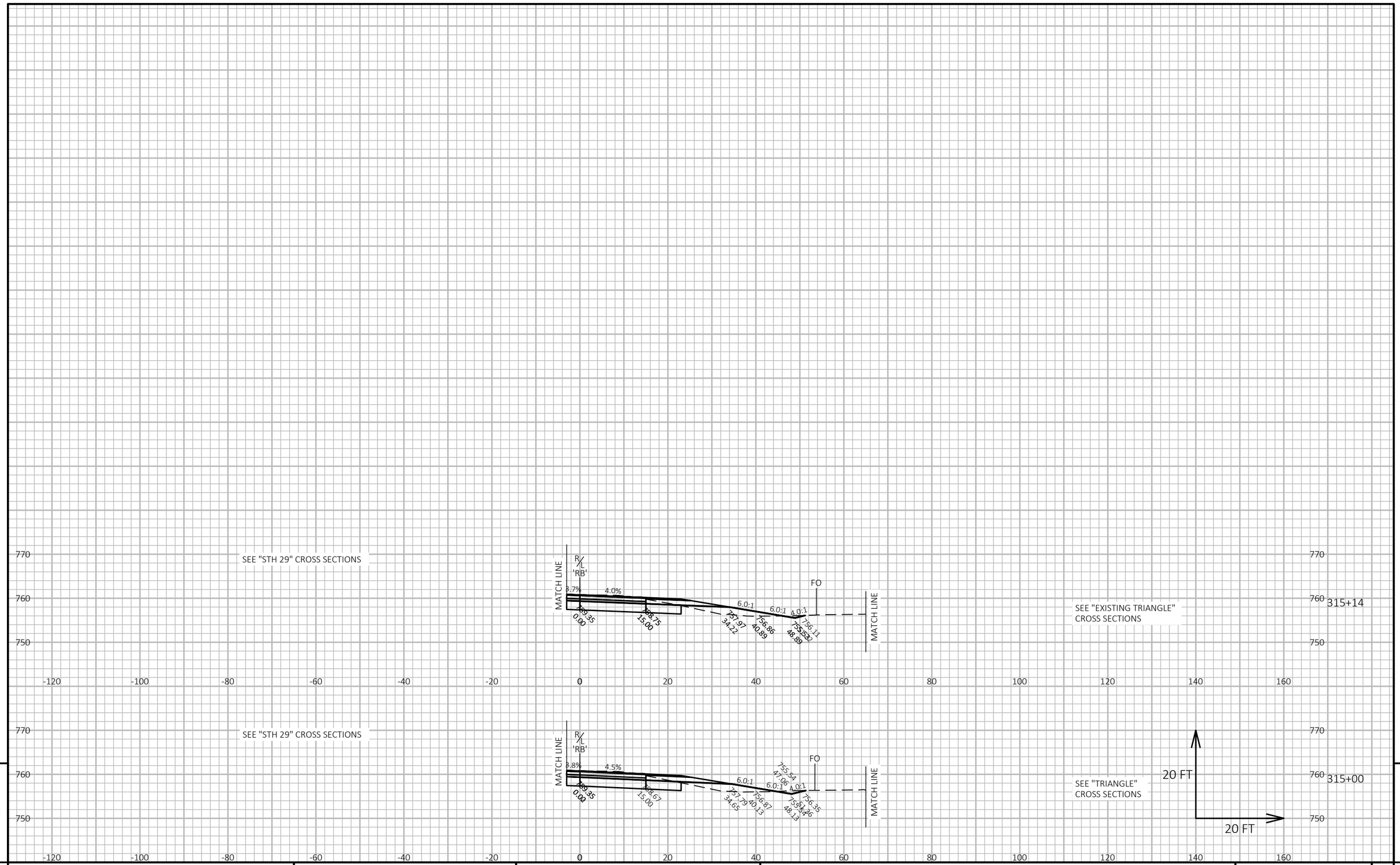
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET E

PRE_716

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-7

PLOT DATE : 1/22/2020 9:55 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

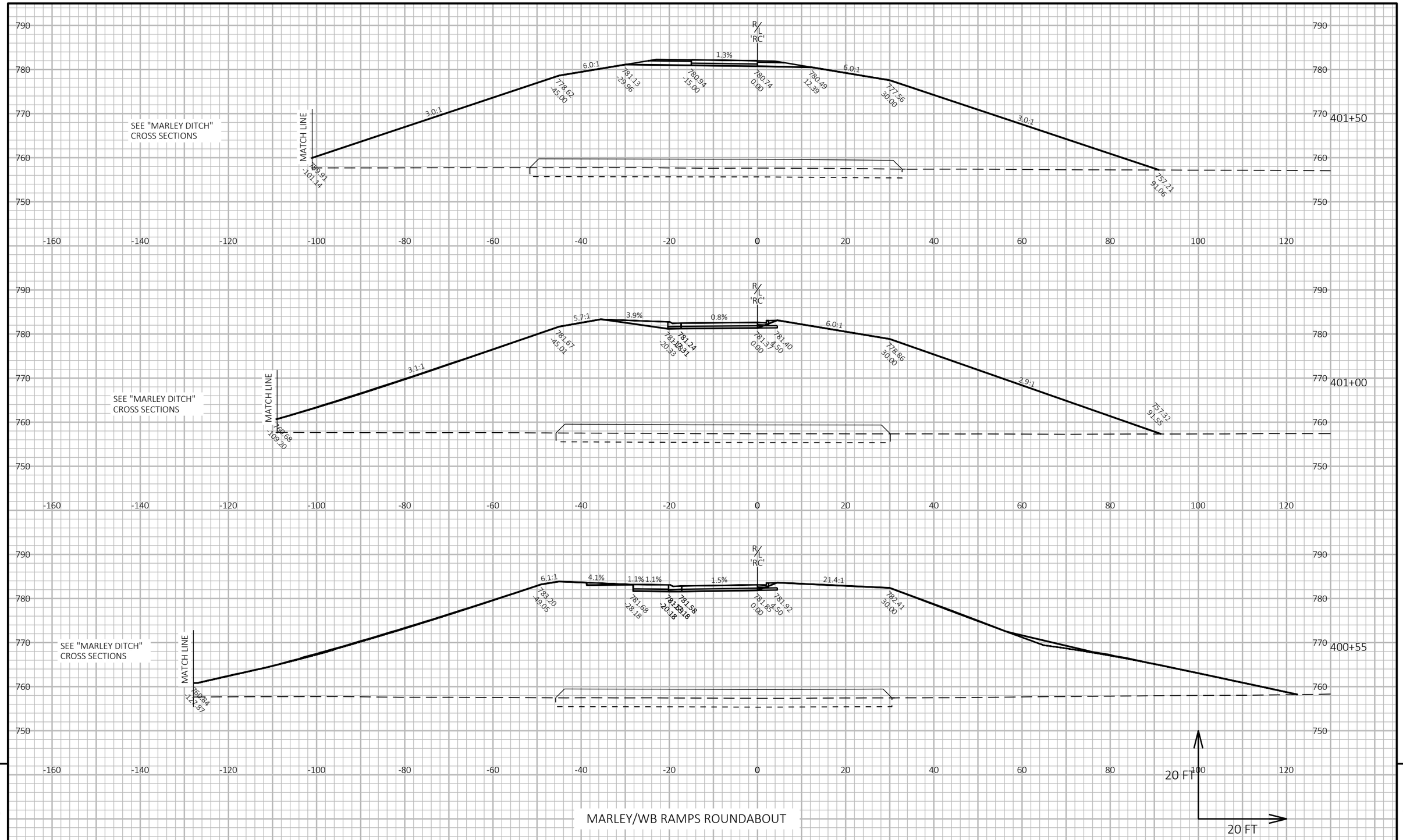
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'B'	SHEET PRE_717 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EB RAMPS.DWG
LAYOUT NAME - B-8

PLOT DATE : 1/22/2020 10:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



MARLEY/WB RAMPS ROUNDABOUT

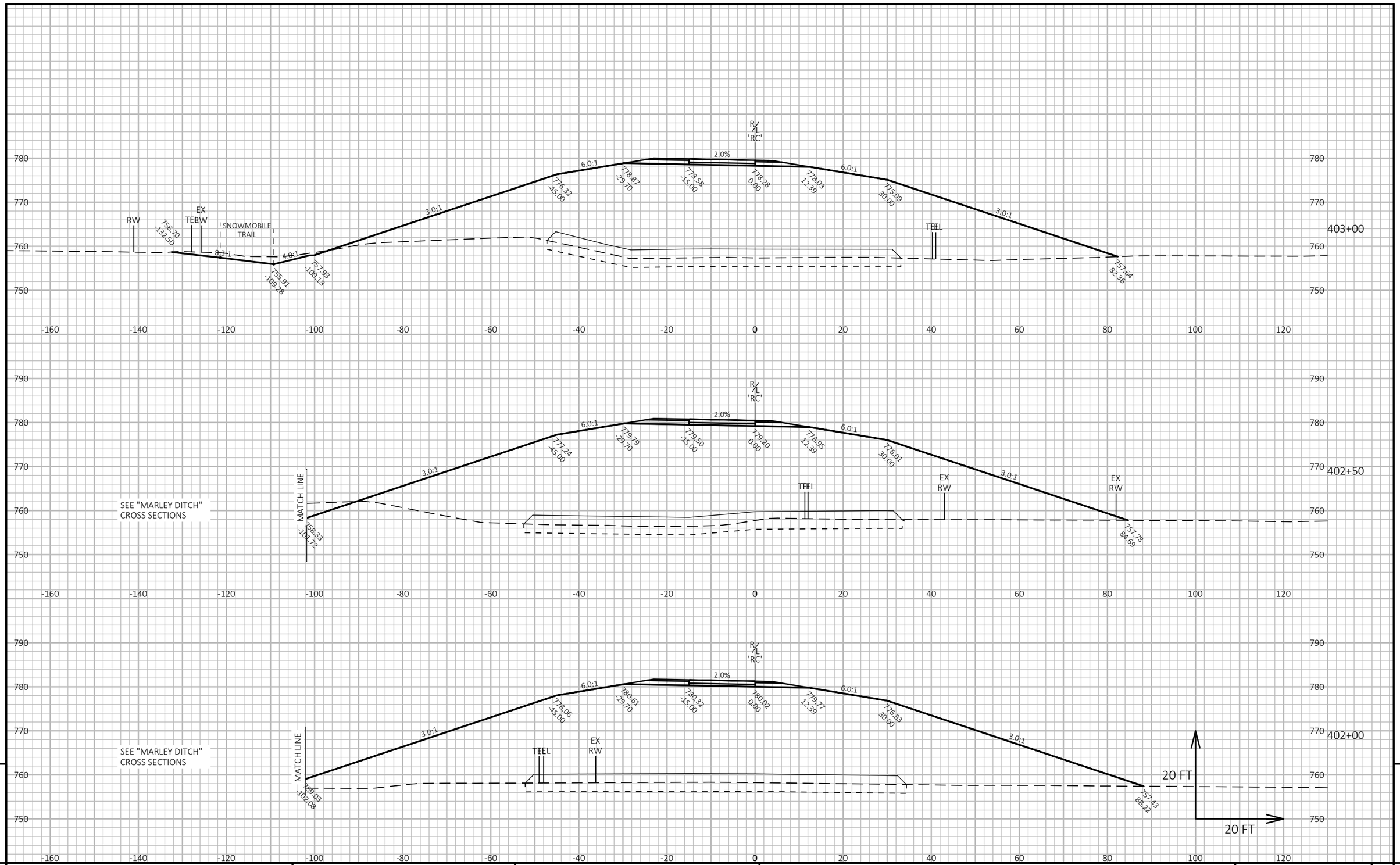
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-1

PLOT DATE : 1/22/2020 10:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_718

WISDOT/CADDS SHEET 49



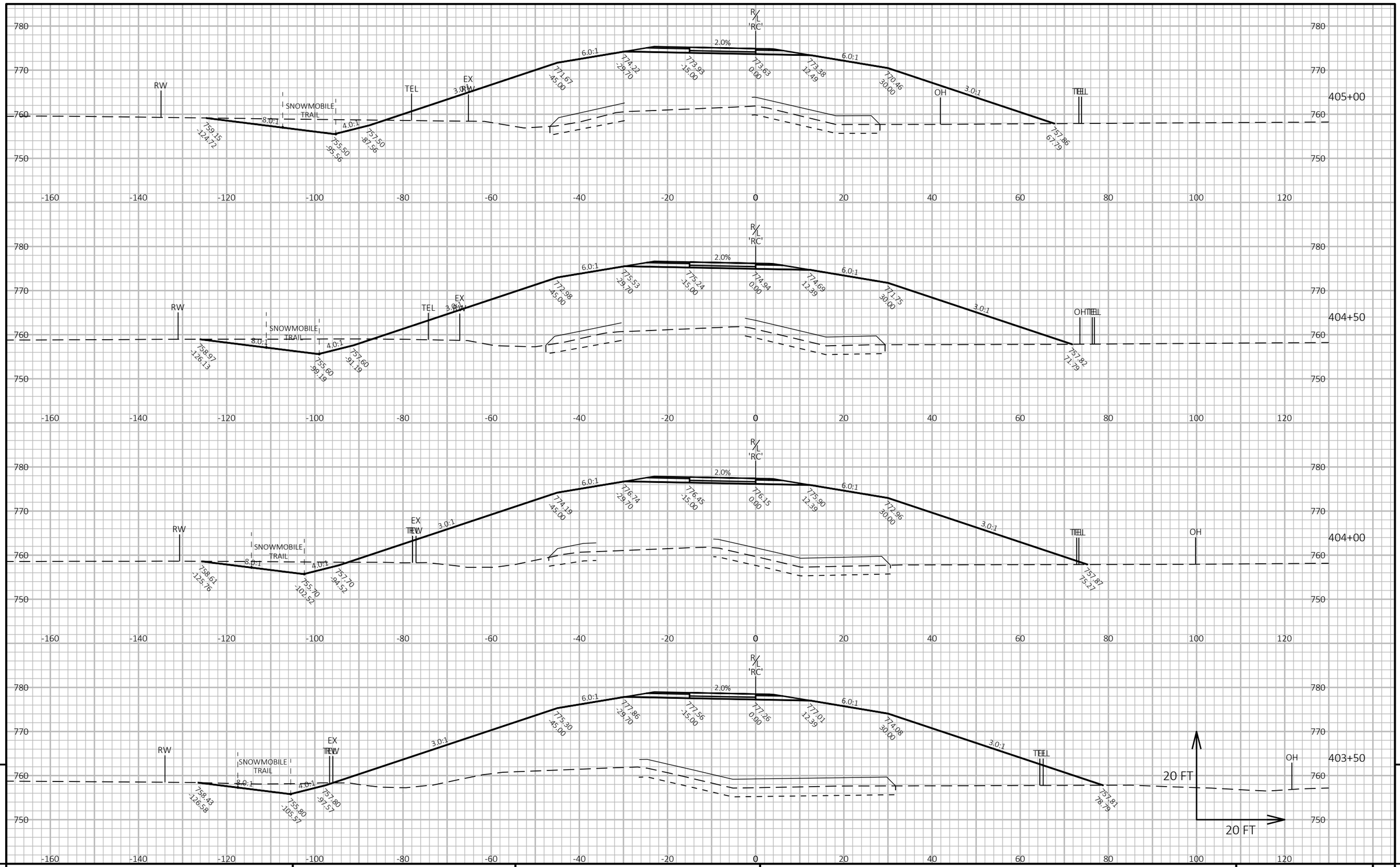
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-2

PLOT DATE : 1/22/2020 10:14 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_719

WISDOT/CADDS SHEET 49



9

9

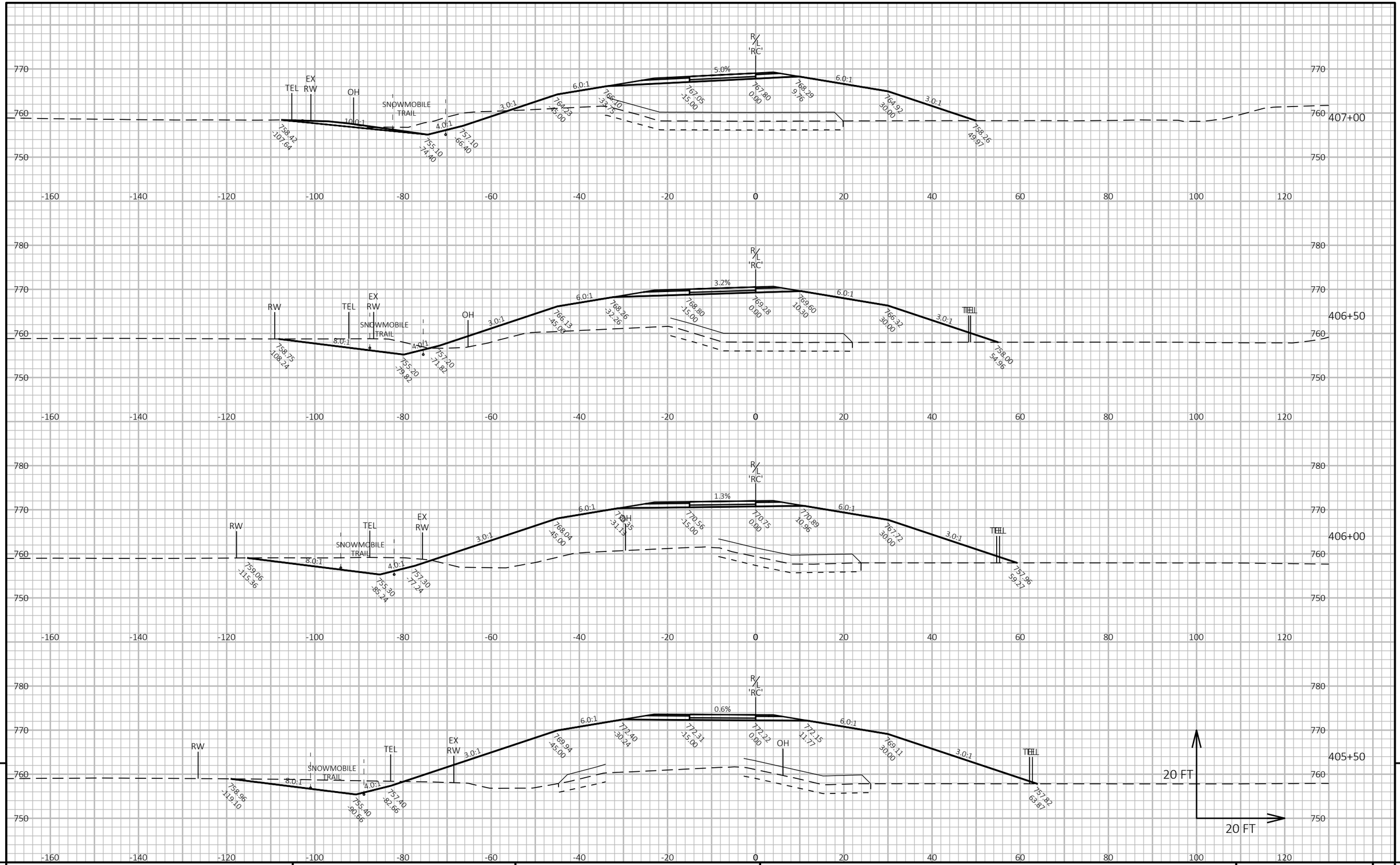
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

PRE_720

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-3

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

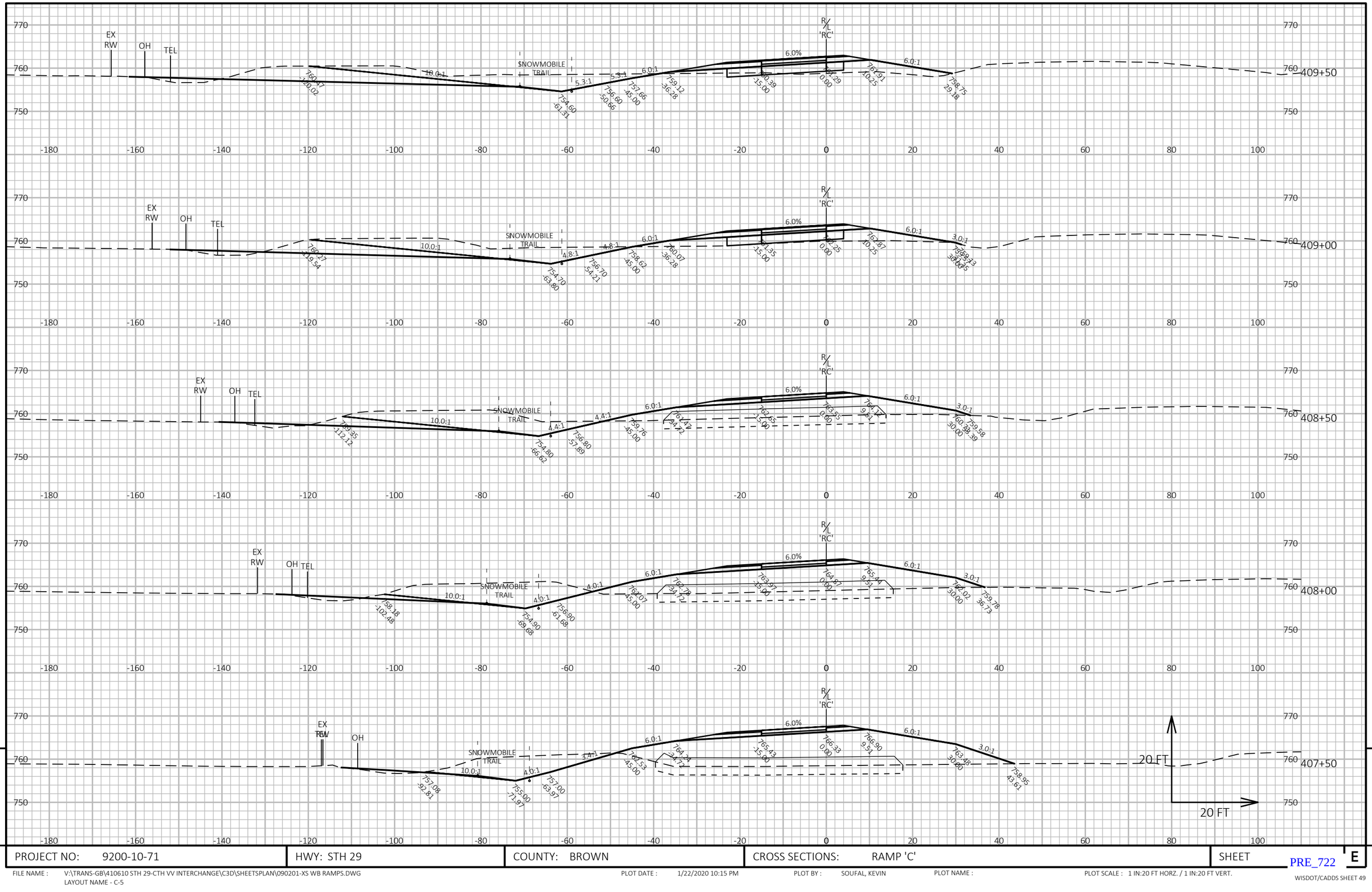
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

PRE_721

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-4

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



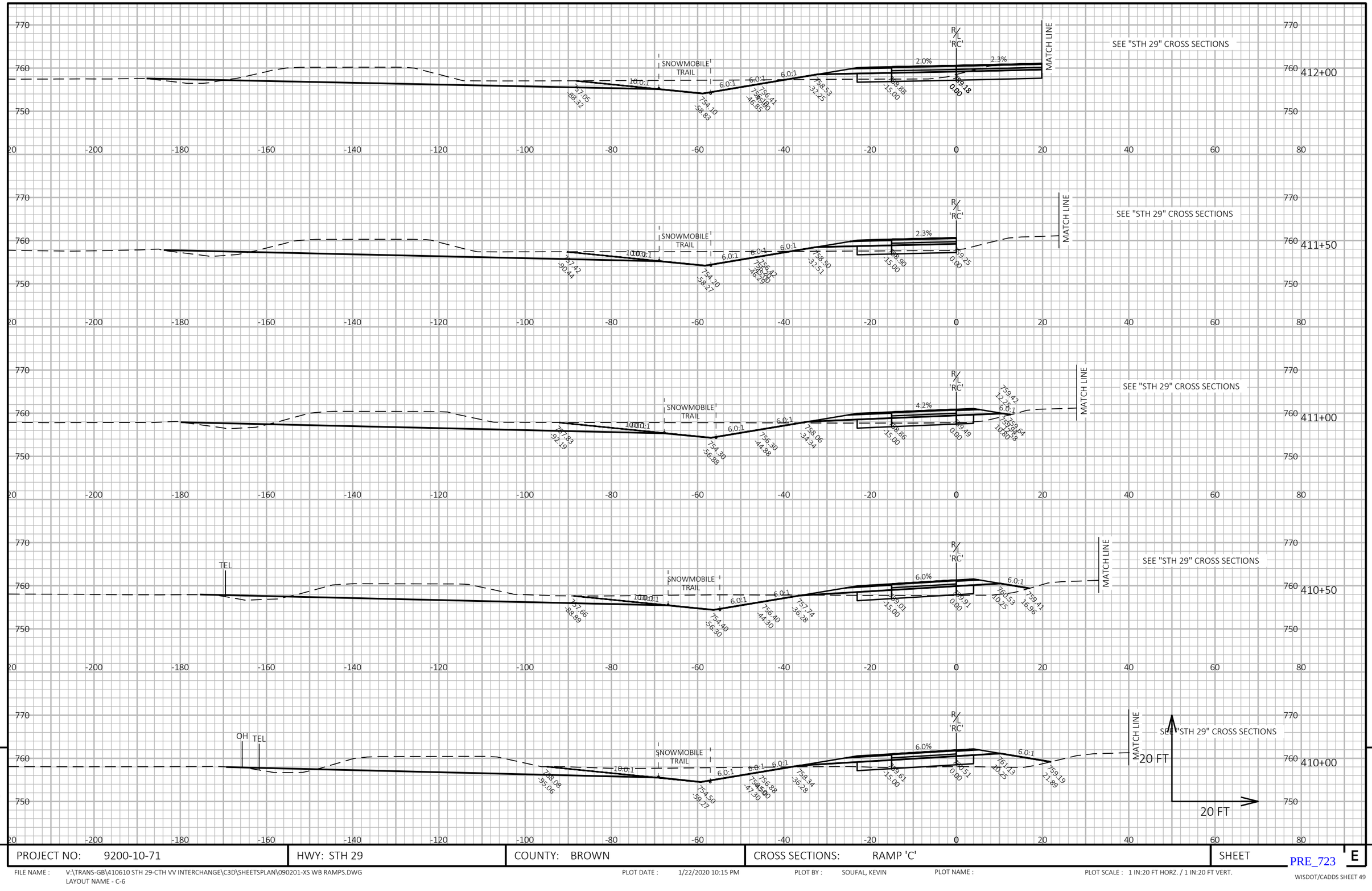
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

PRE_722

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-5

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

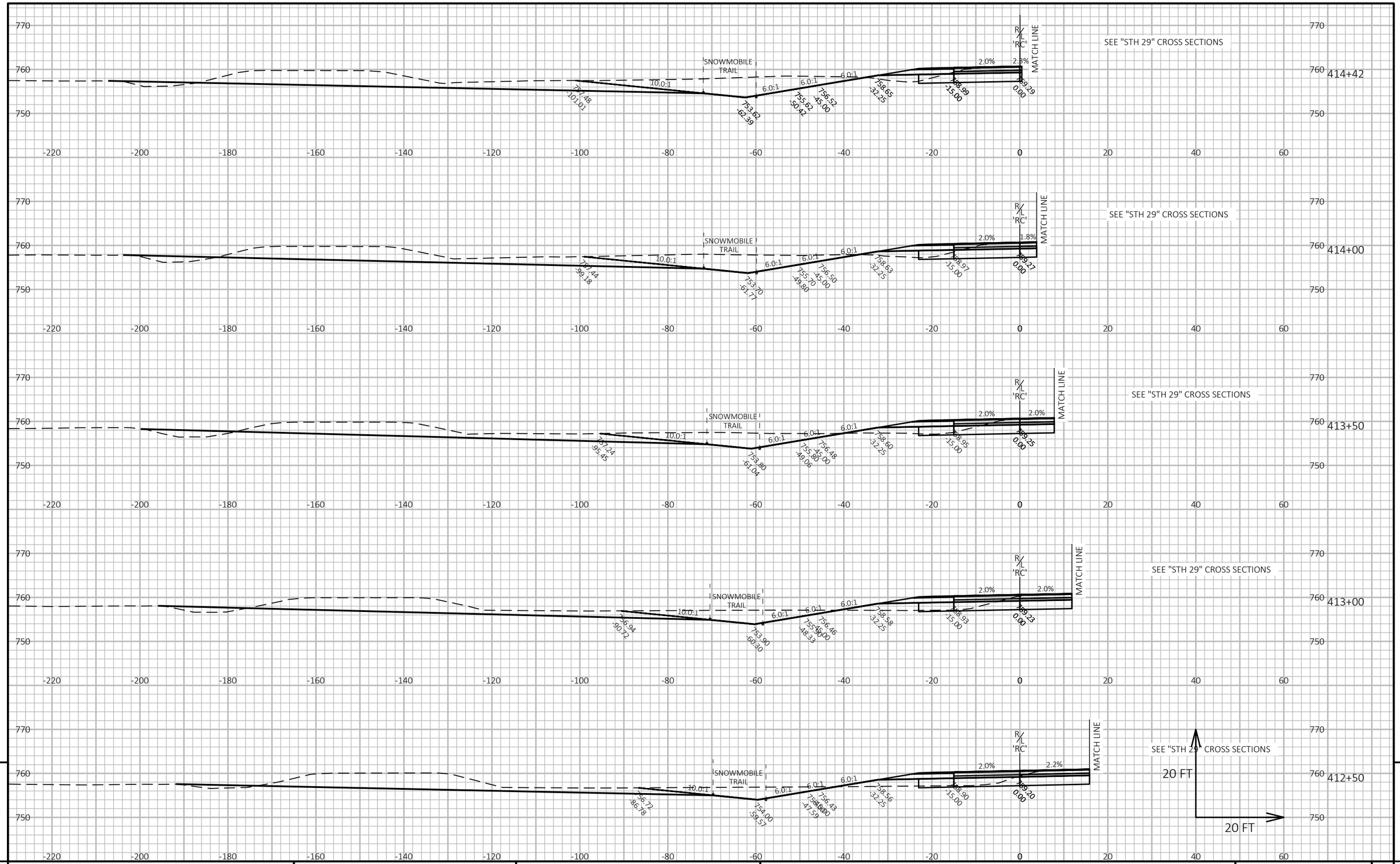
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

PRE_723

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-6

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

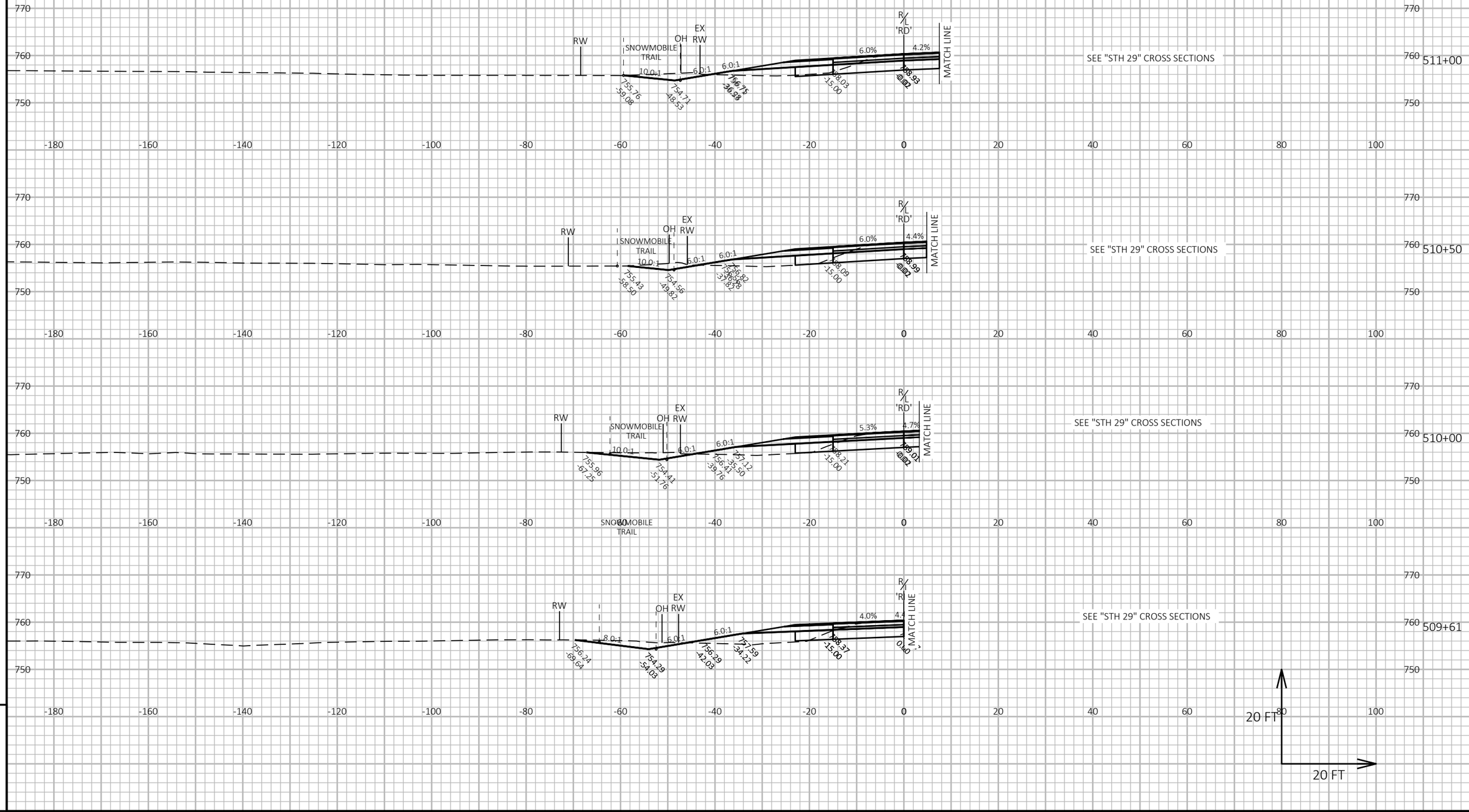
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'C'	SHEET E

PRE_724

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - C-7

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET

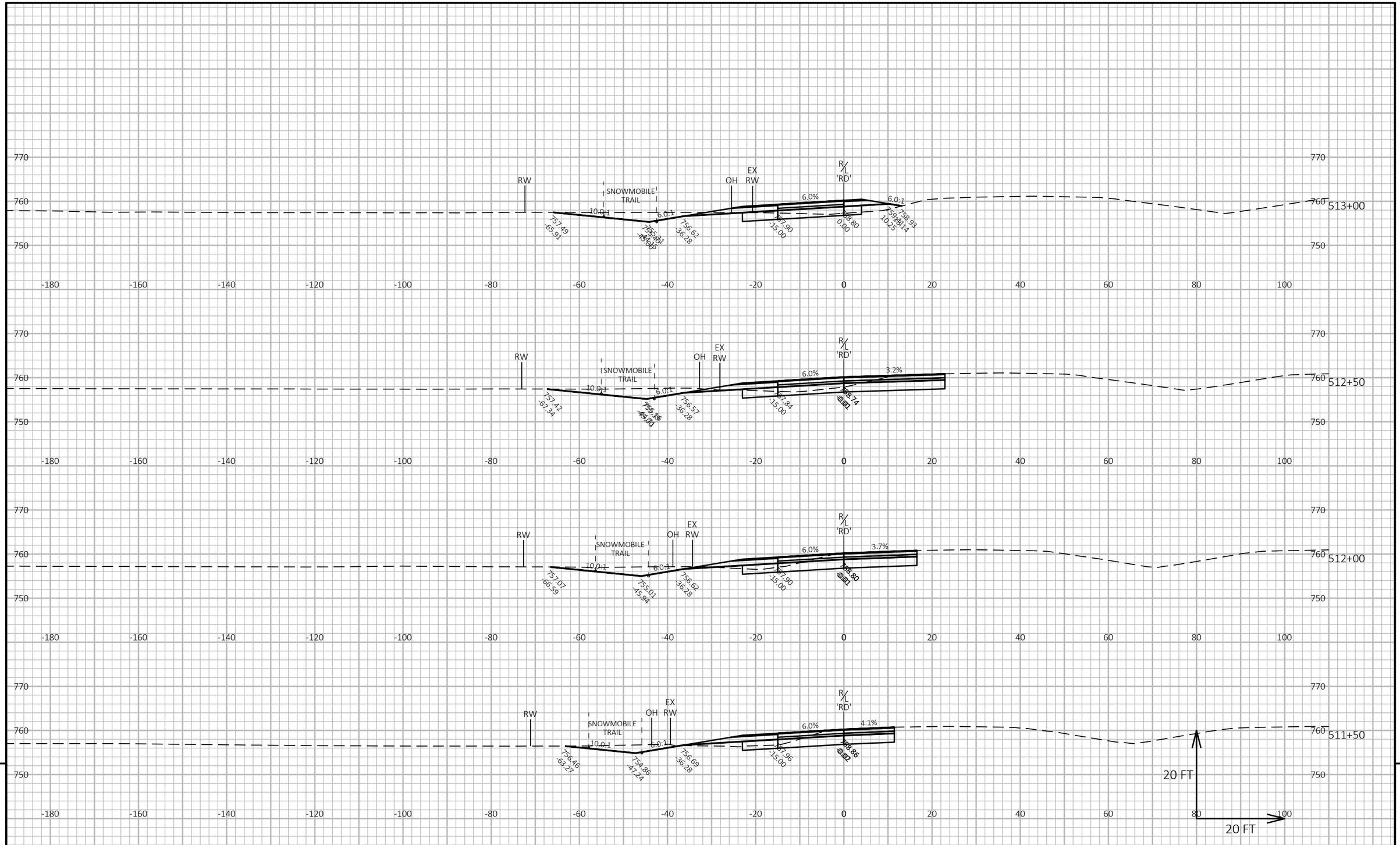
PRE_725

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-1

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

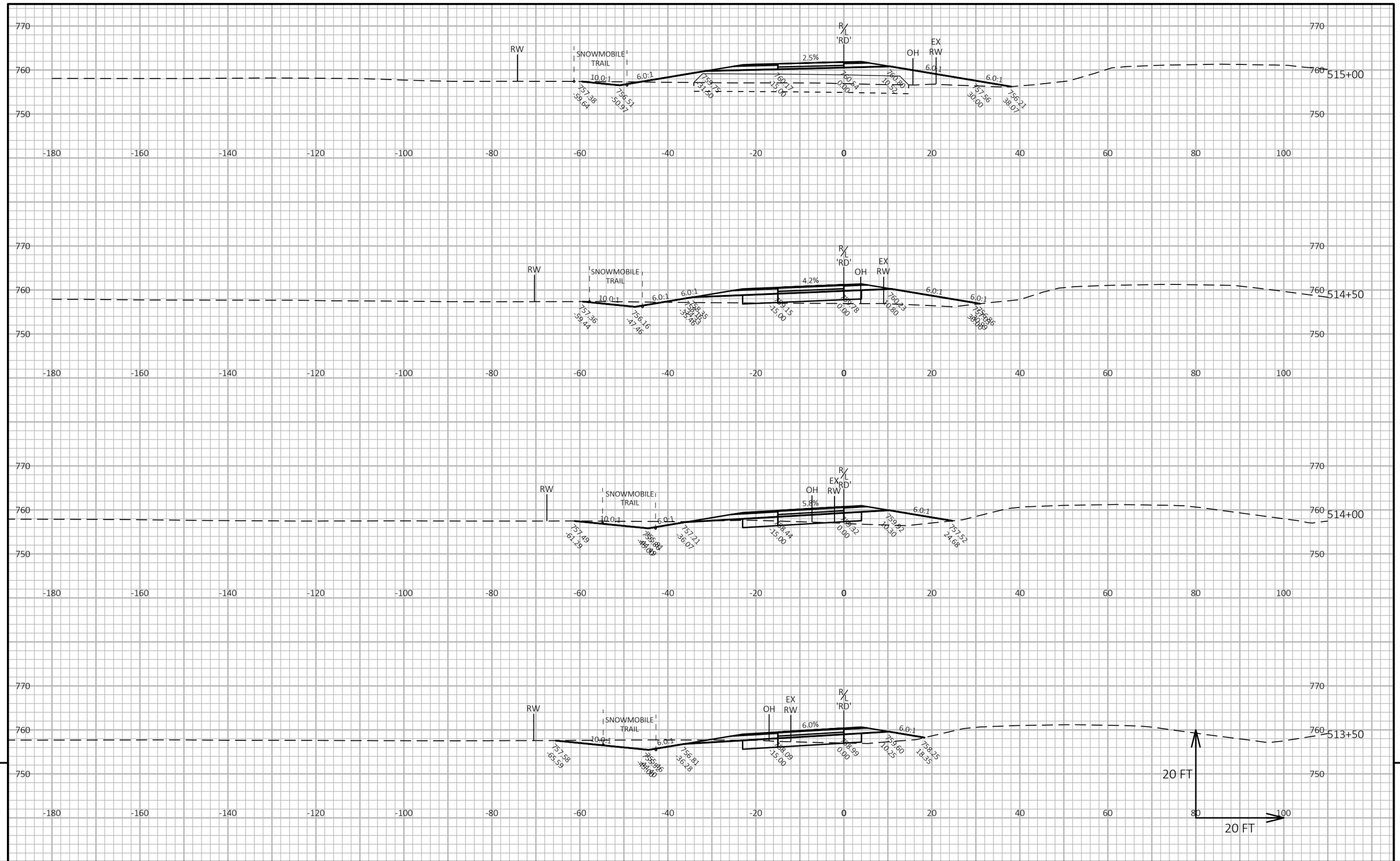
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET PRE_726 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-2

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

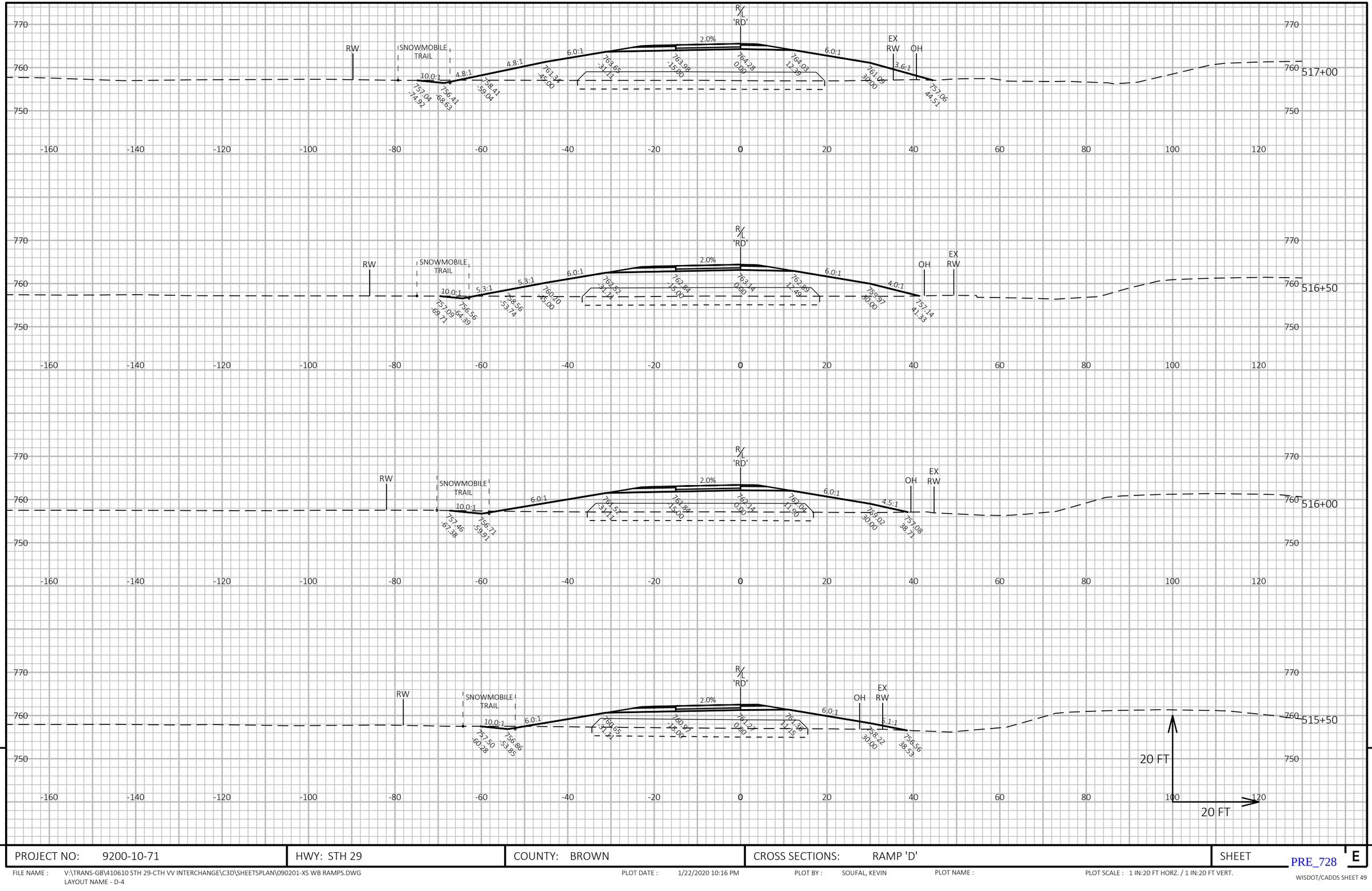
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_727

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-3

PLOT DATE : 1/22/2020 10:15 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



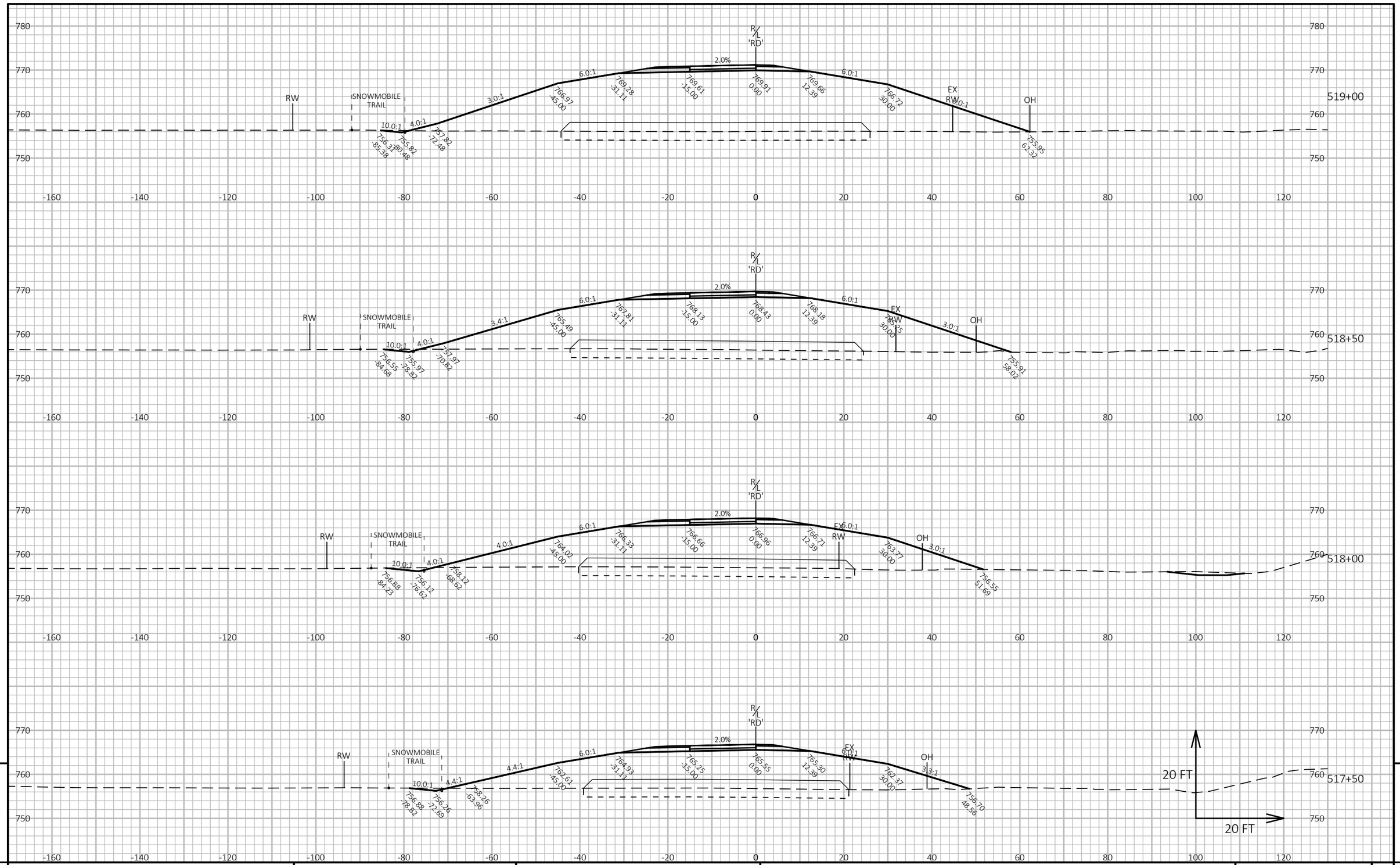
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-4

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_728

WISDOT/CADDS SHEET 49



9

9

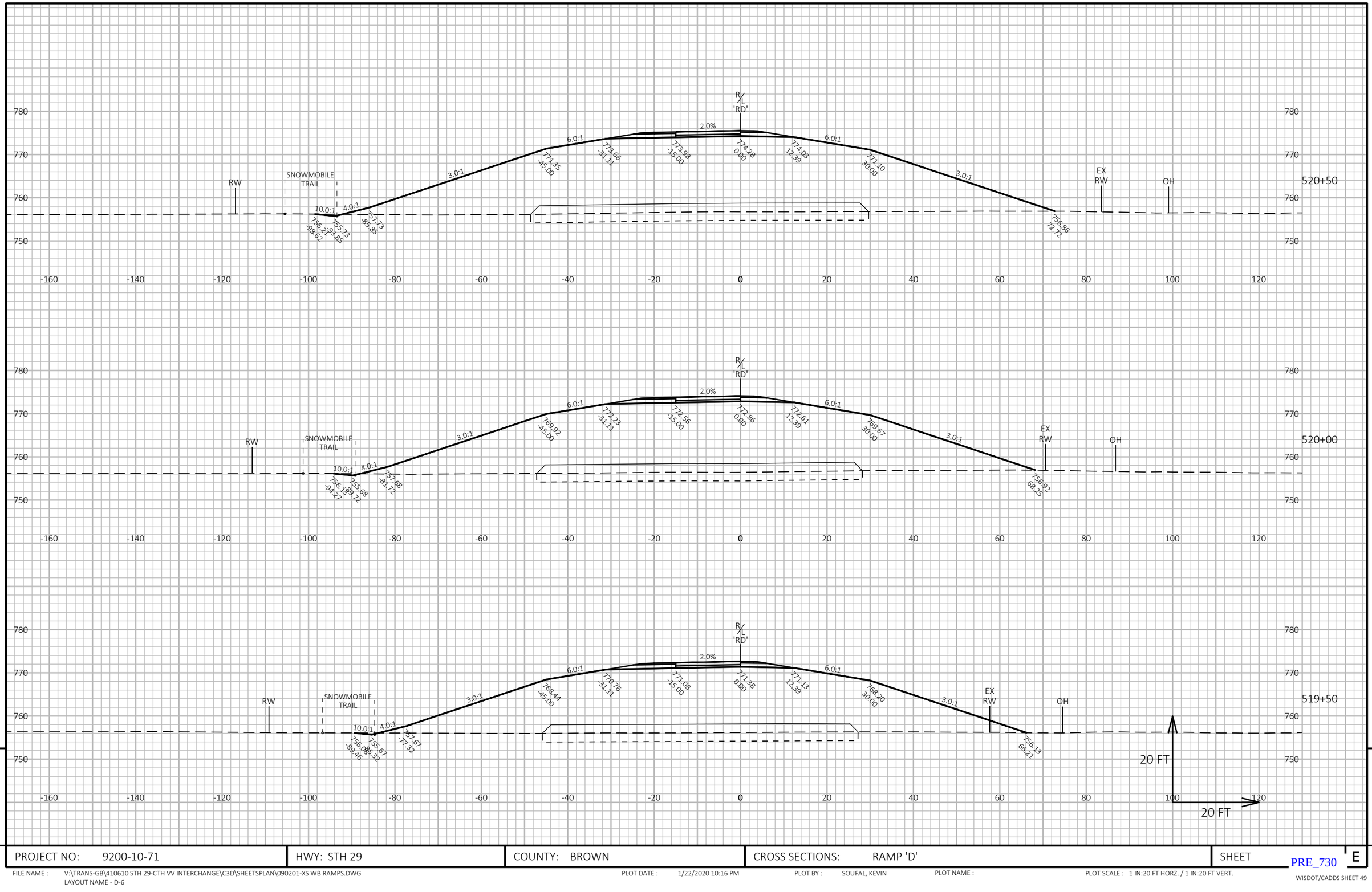
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_729

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-5

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

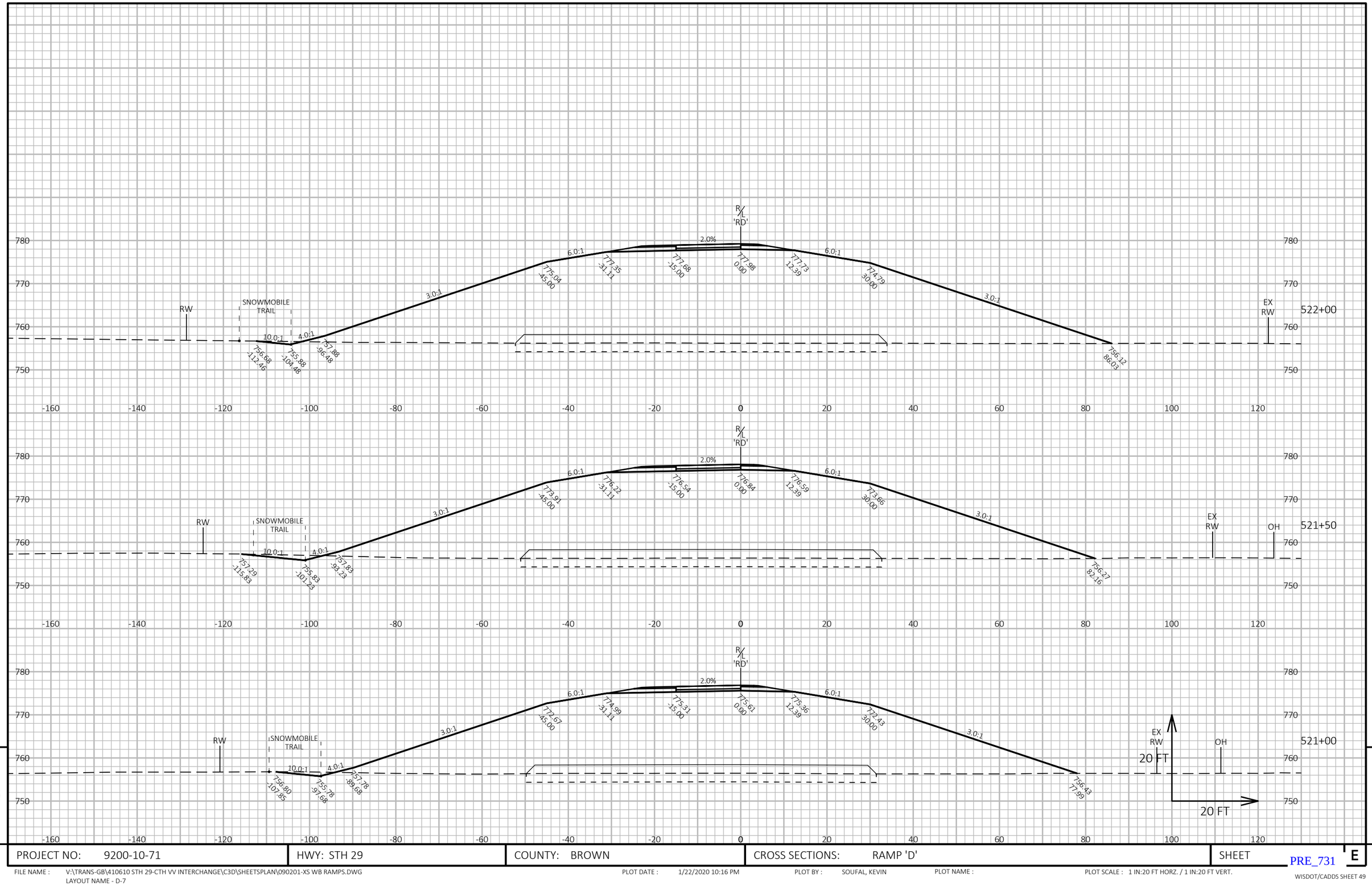
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_730

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-6

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



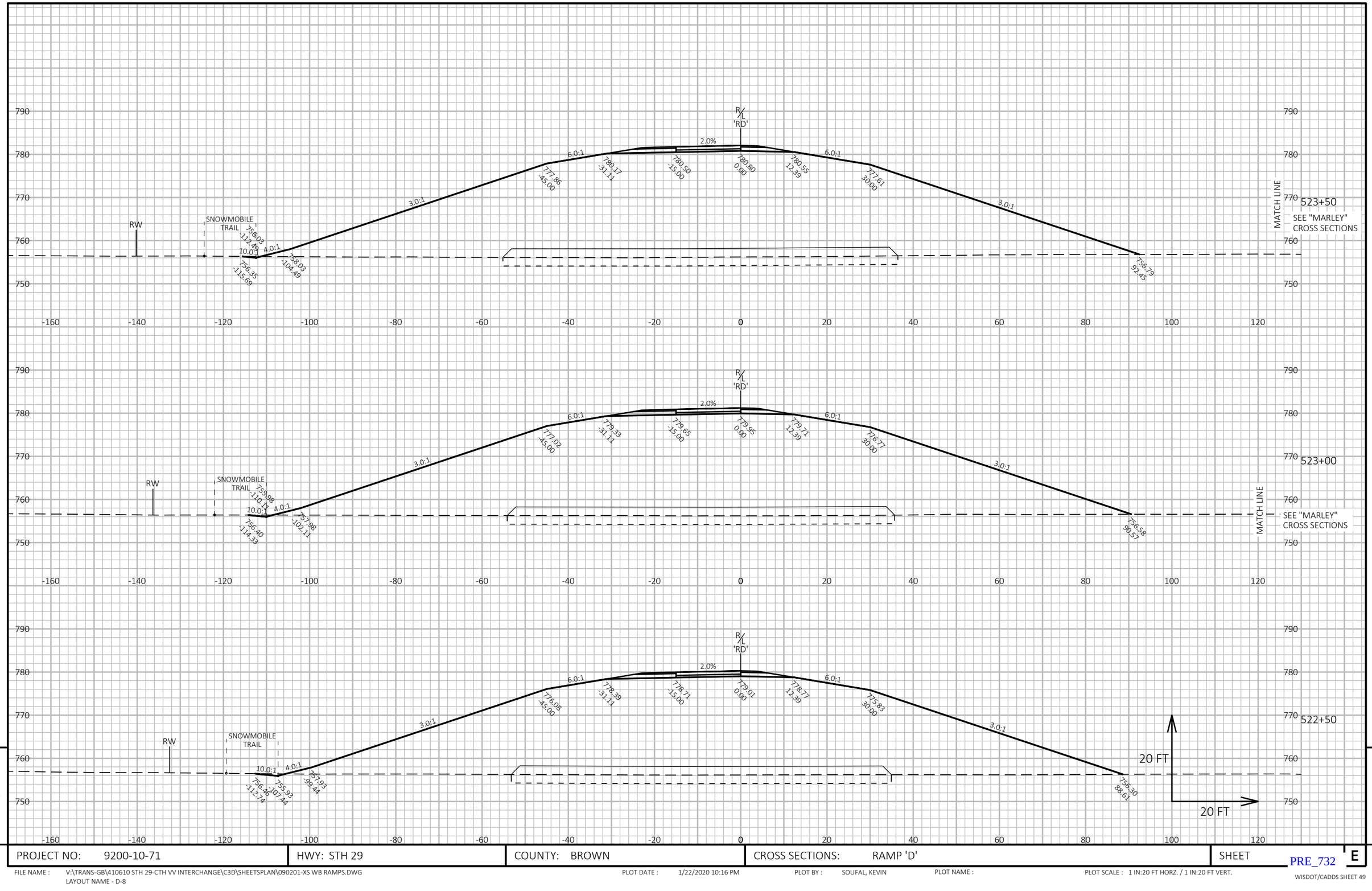
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_731

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-7

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

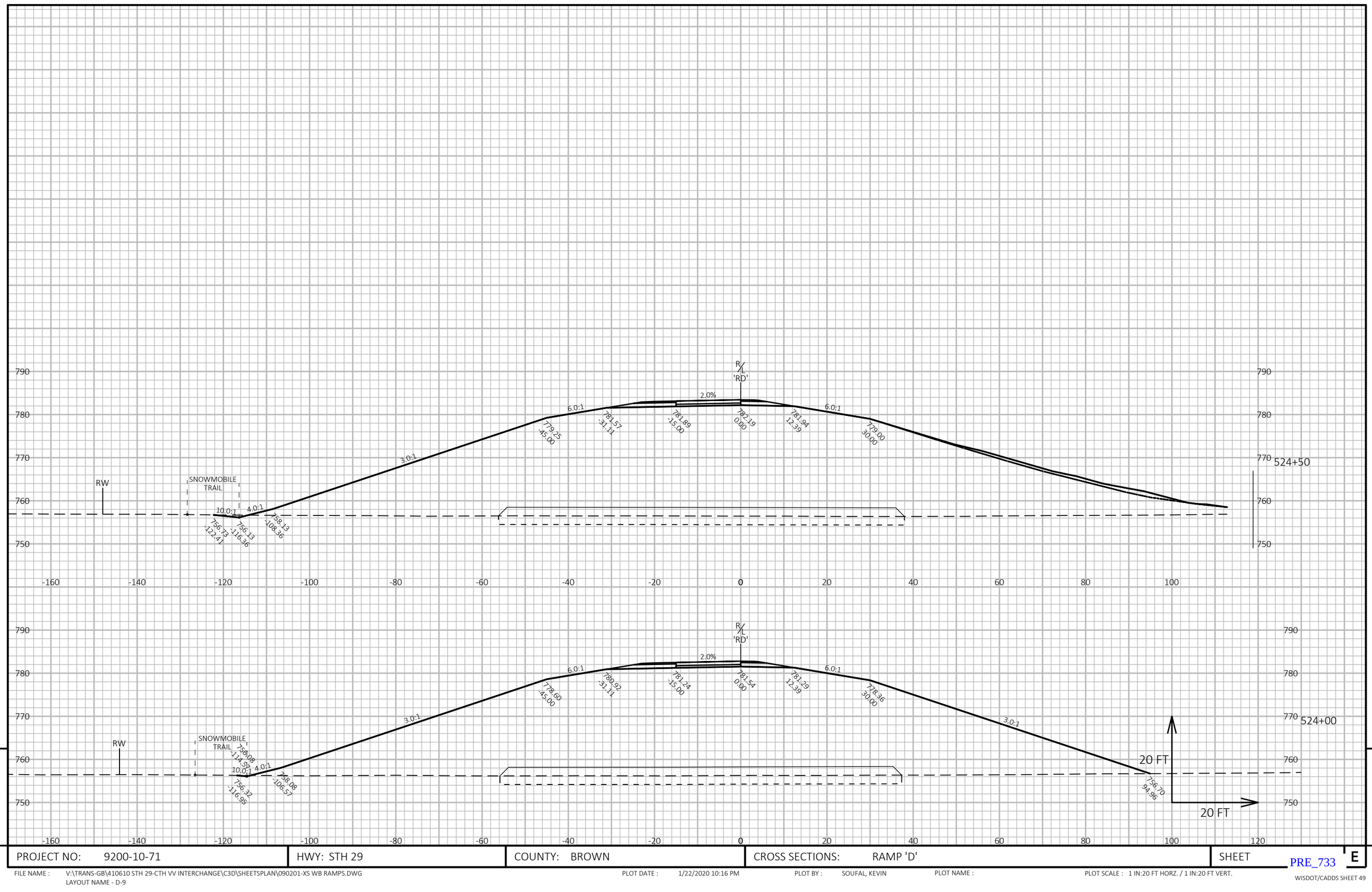
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_732

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-8

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

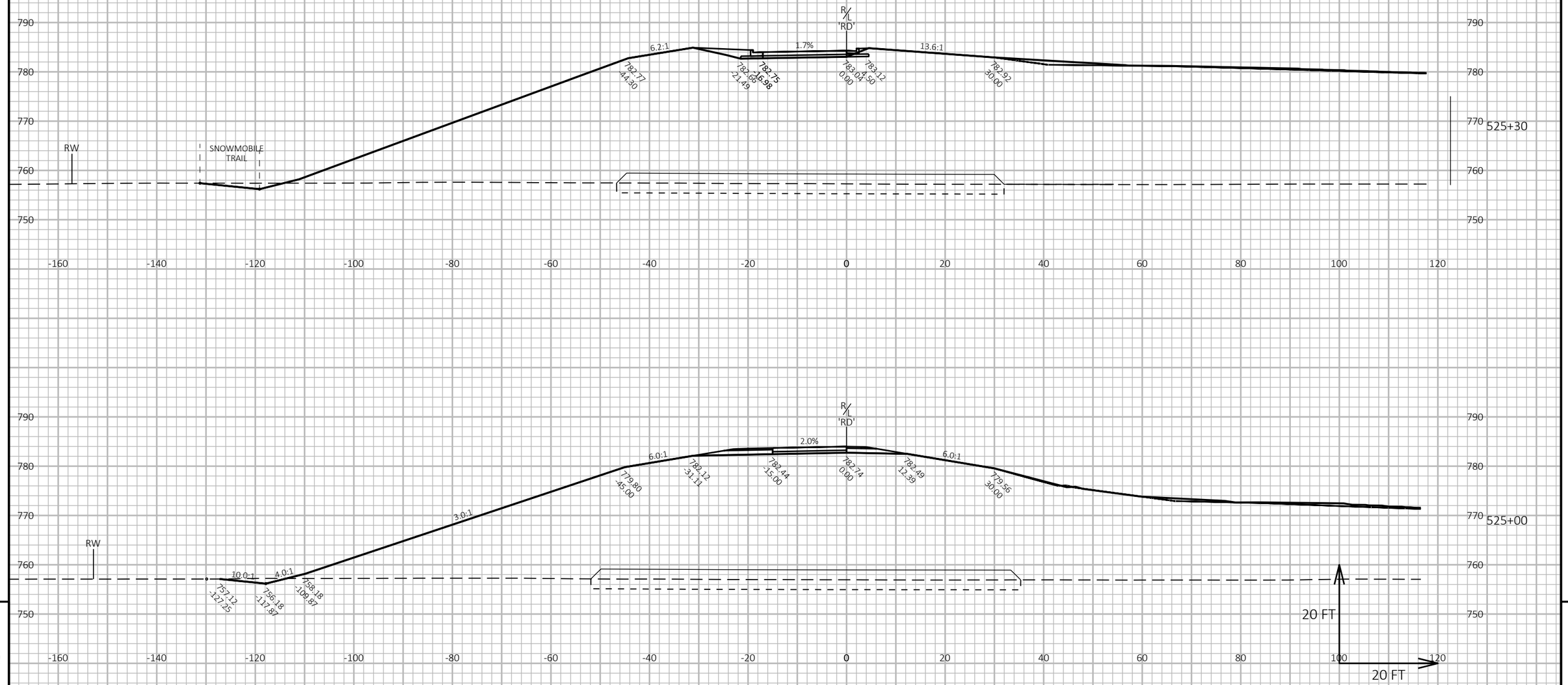
PRE_733

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-9

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

MARLEY/WB RAMPS ROUNDABOUT



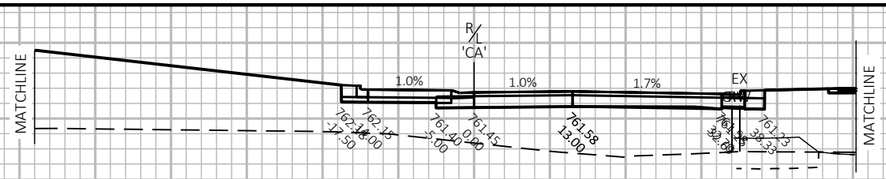
9 9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: RAMP 'D'	SHEET E

PRE_734

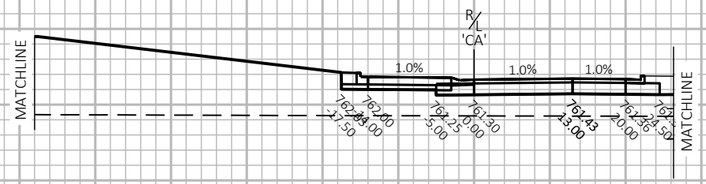
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS WB RAMPS.DWG
LAYOUT NAME - D-10

PLOT DATE : 1/22/2020 10:16 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



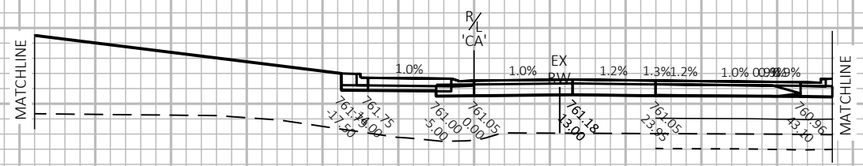
SEE "CTH VV SB" CROSS SECTIONS

11+00



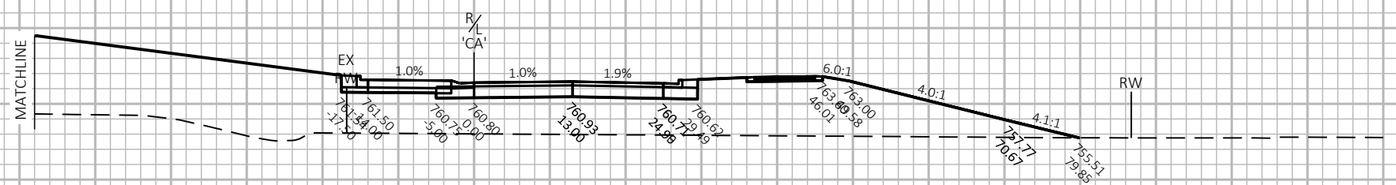
SEE "CTH VV SB" CROSS SECTIONS

10+75

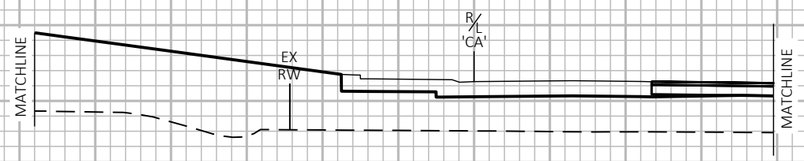


SEE "CTH VV" CROSS SECTIONS

10+50



10+25



SEE "CENTERLINE" CROSS SECTIONS



10+00

9

9

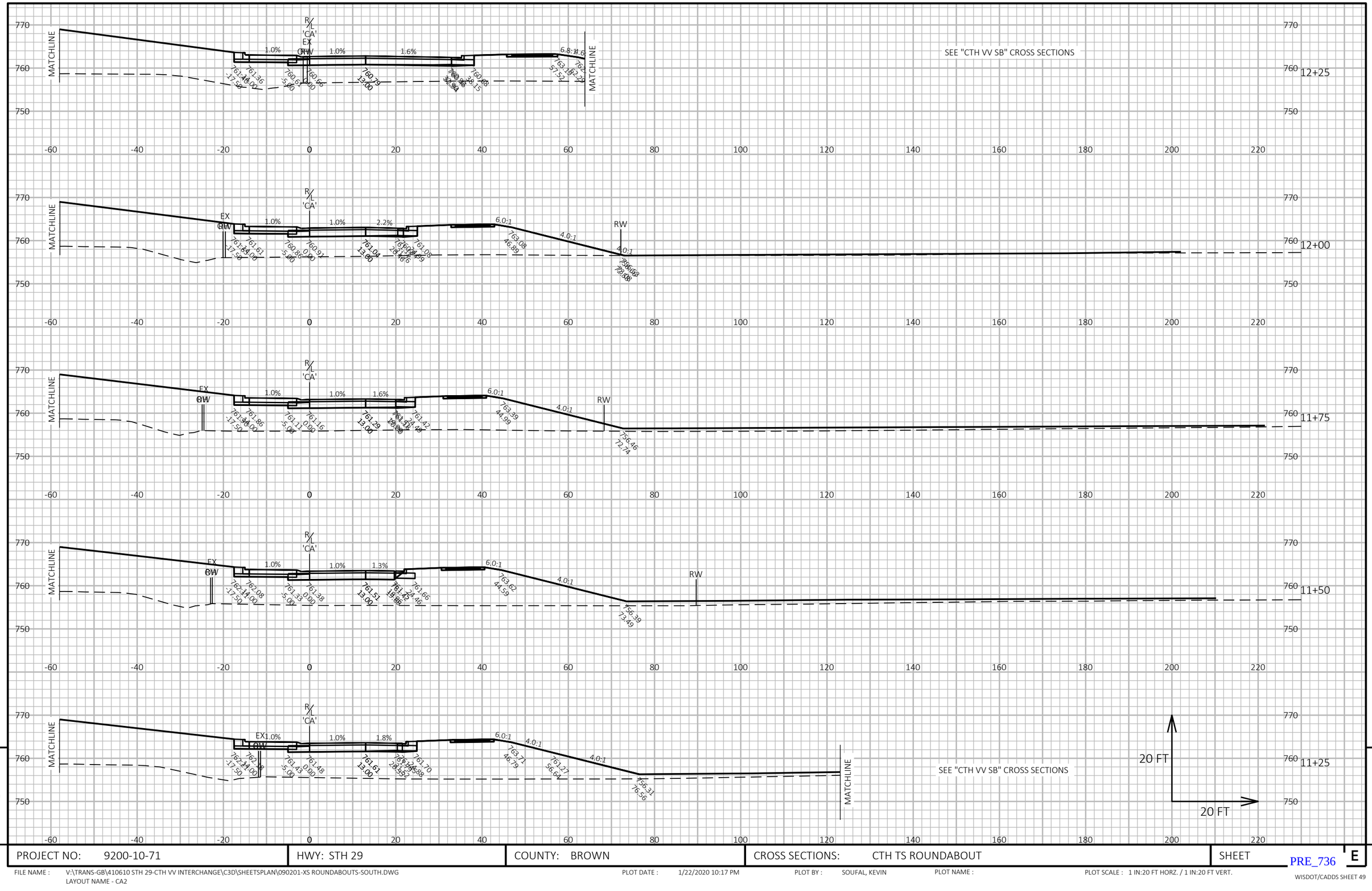
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS ROUNDABOUT	SHEET E

PRE_735

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CA1

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

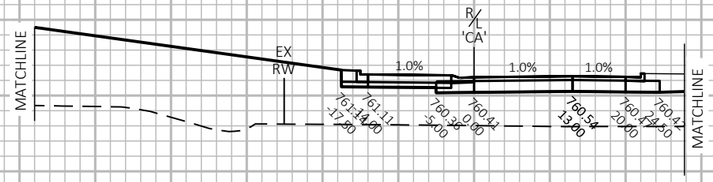
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS ROUNDABOUT	SHEET E

9

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CA2

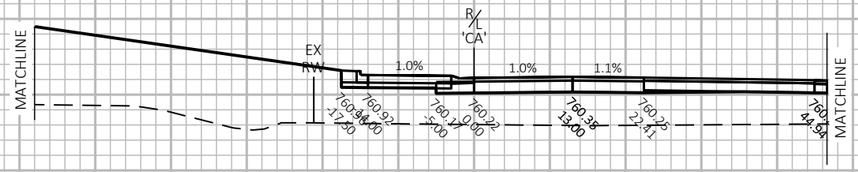
PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_736



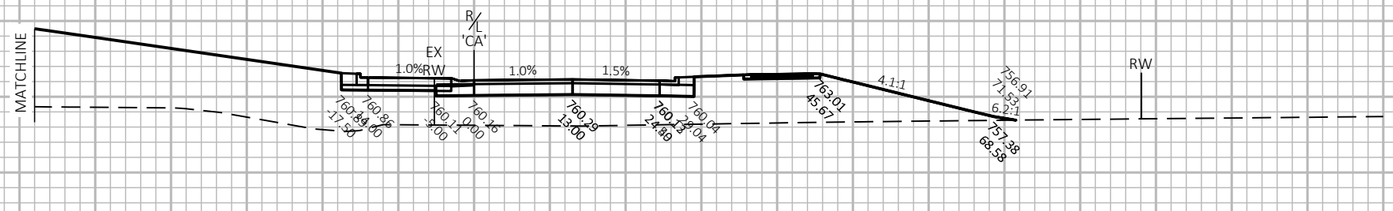
SEE "CENTERLINE" CROSS SECTIONS

13+50

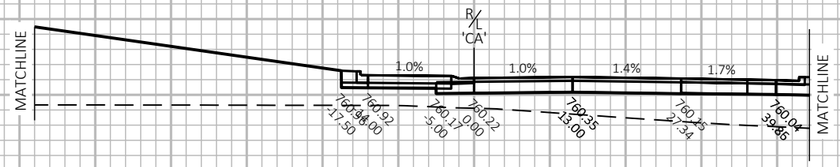


SEE "CENTERLINE" CROSS SECTIONS

13+25

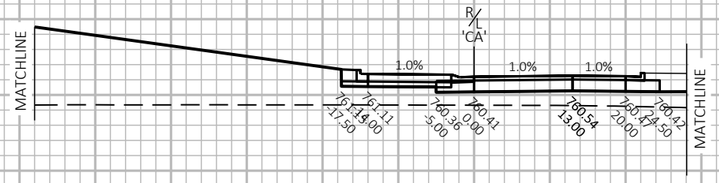


13+00



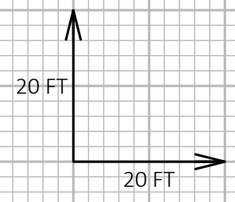
SEE "CTH VV" CROSS SECTIONS

12+75



SEE "CTH VV SB" CROSS SECTIONS

12+50



9

9

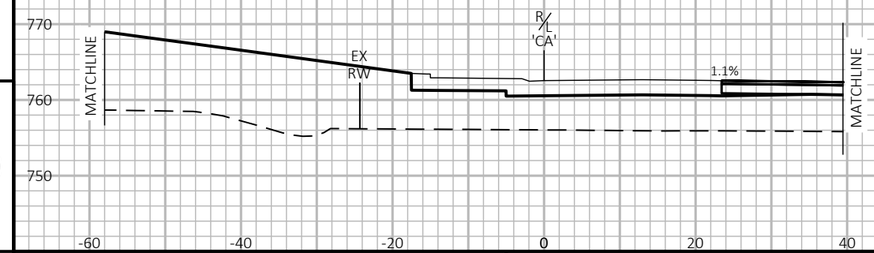
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS ROUNDABOUT	SHEET E

PRE_737

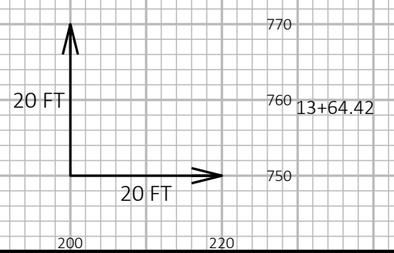
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CA3

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



SEE "CENTERLINE" CROSS SECTIONS



9

9

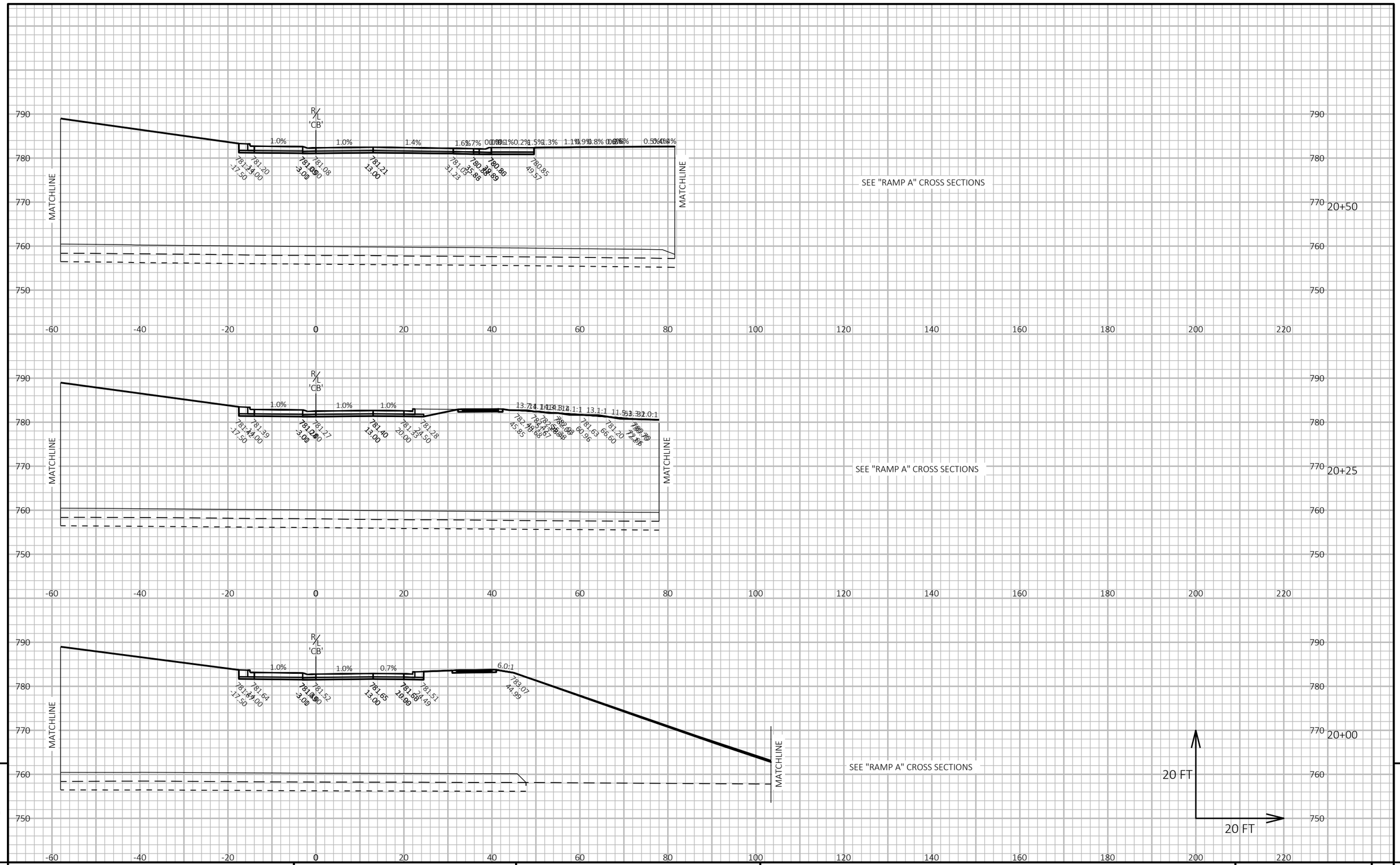
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS ROUNDABOUT	SHEET E

PRE_738

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CA4

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

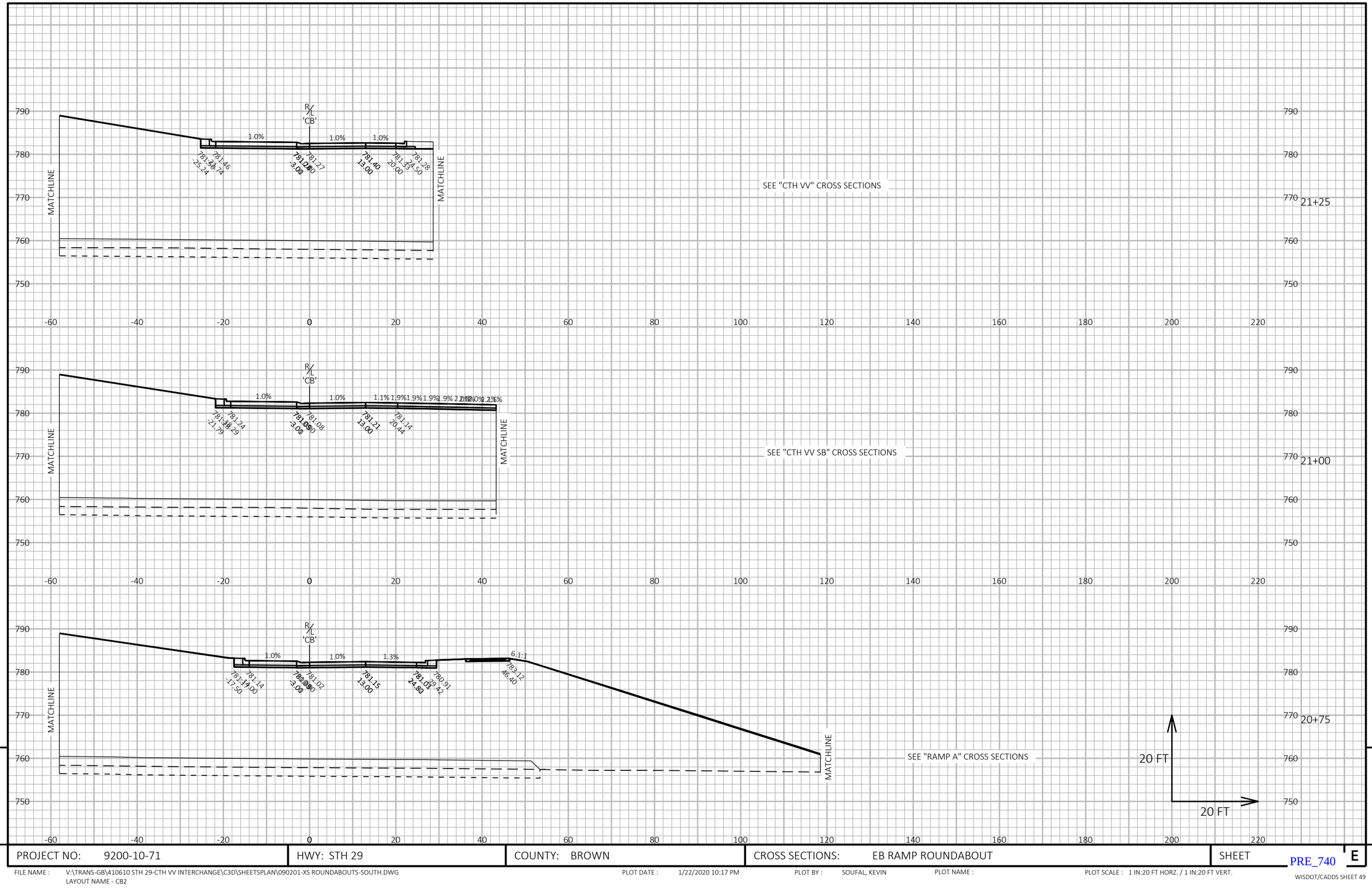


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET PRE_739 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB1

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



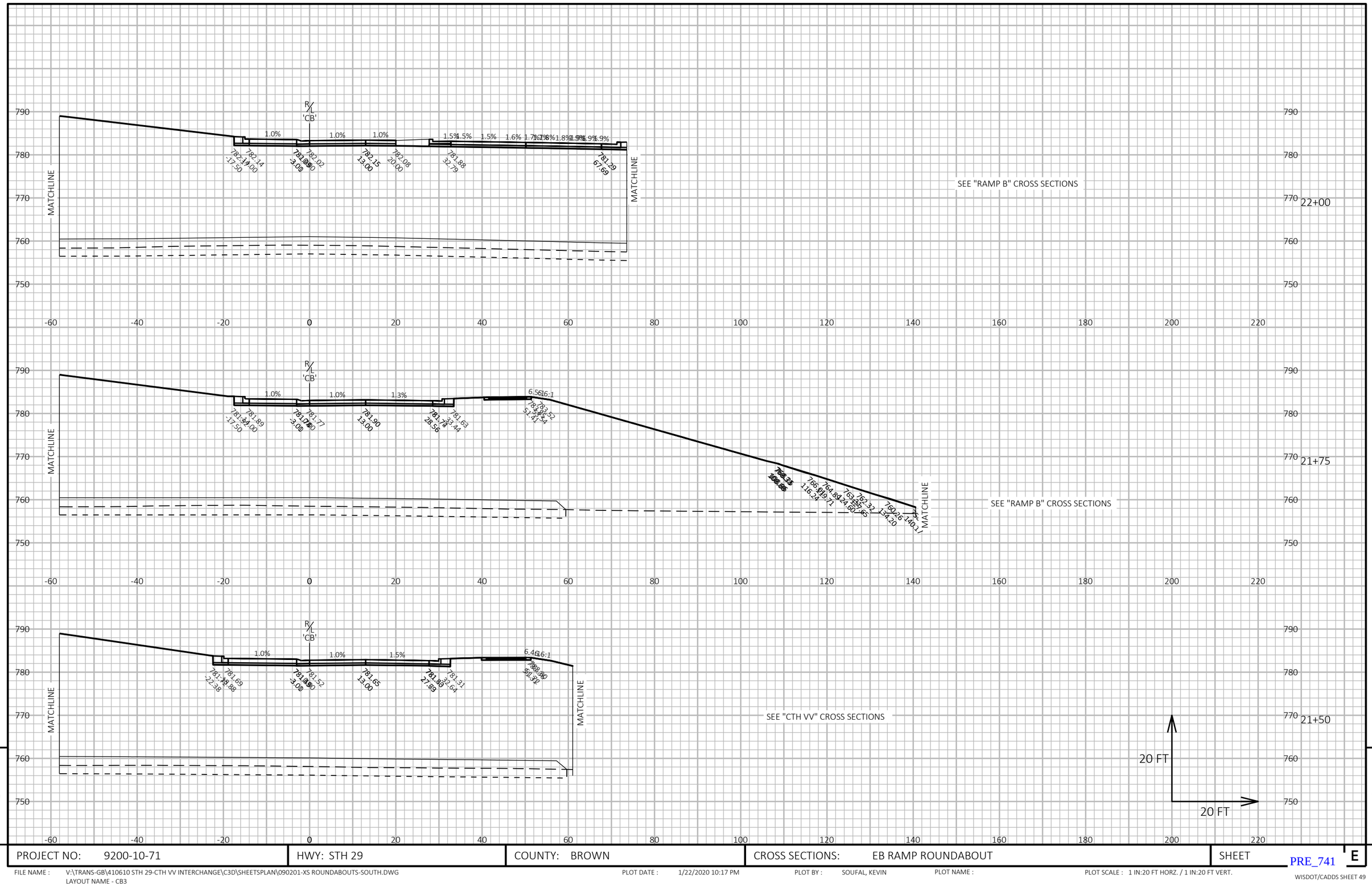
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET E

PRE_740

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB2

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

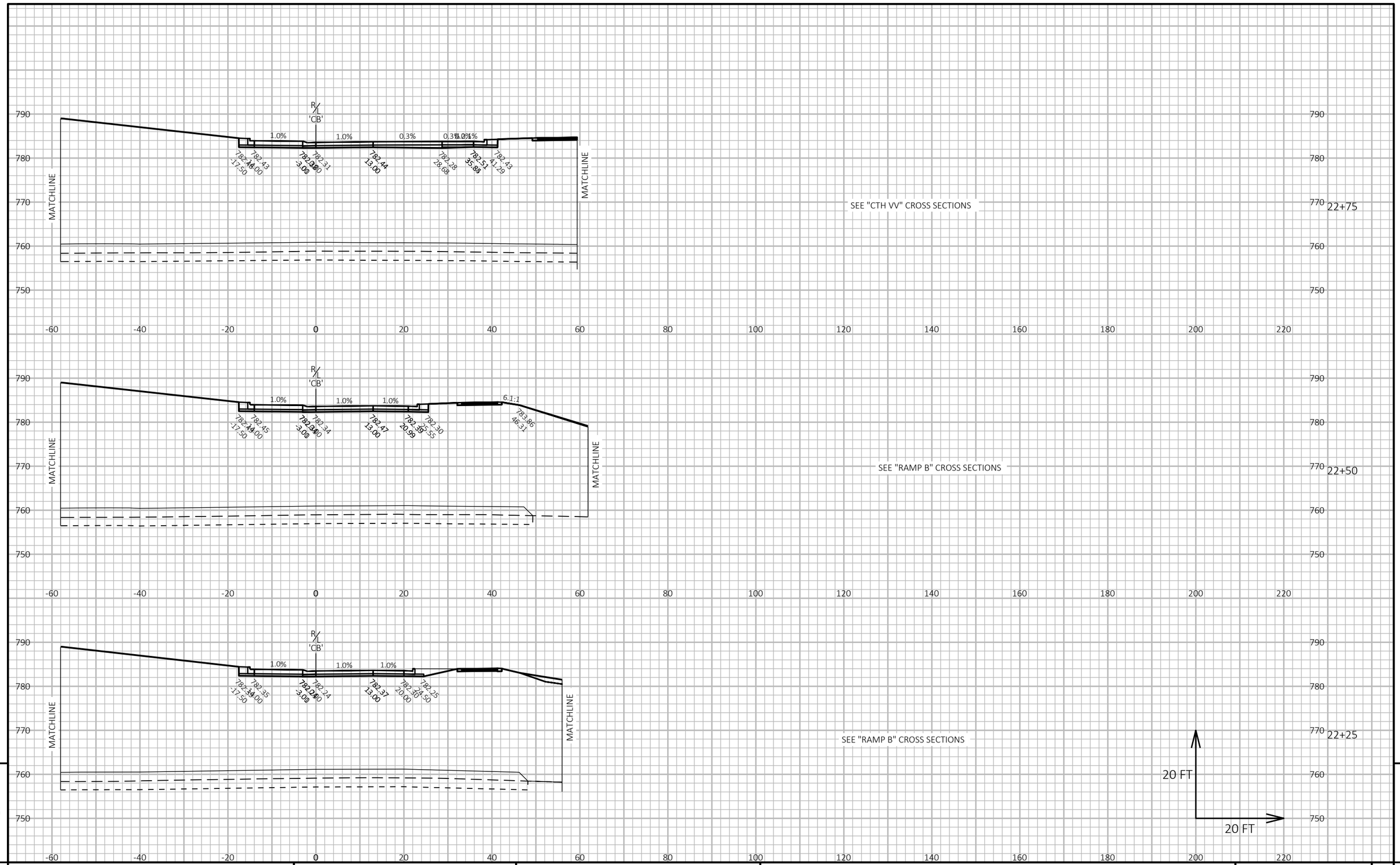


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET PRE_741 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB3

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

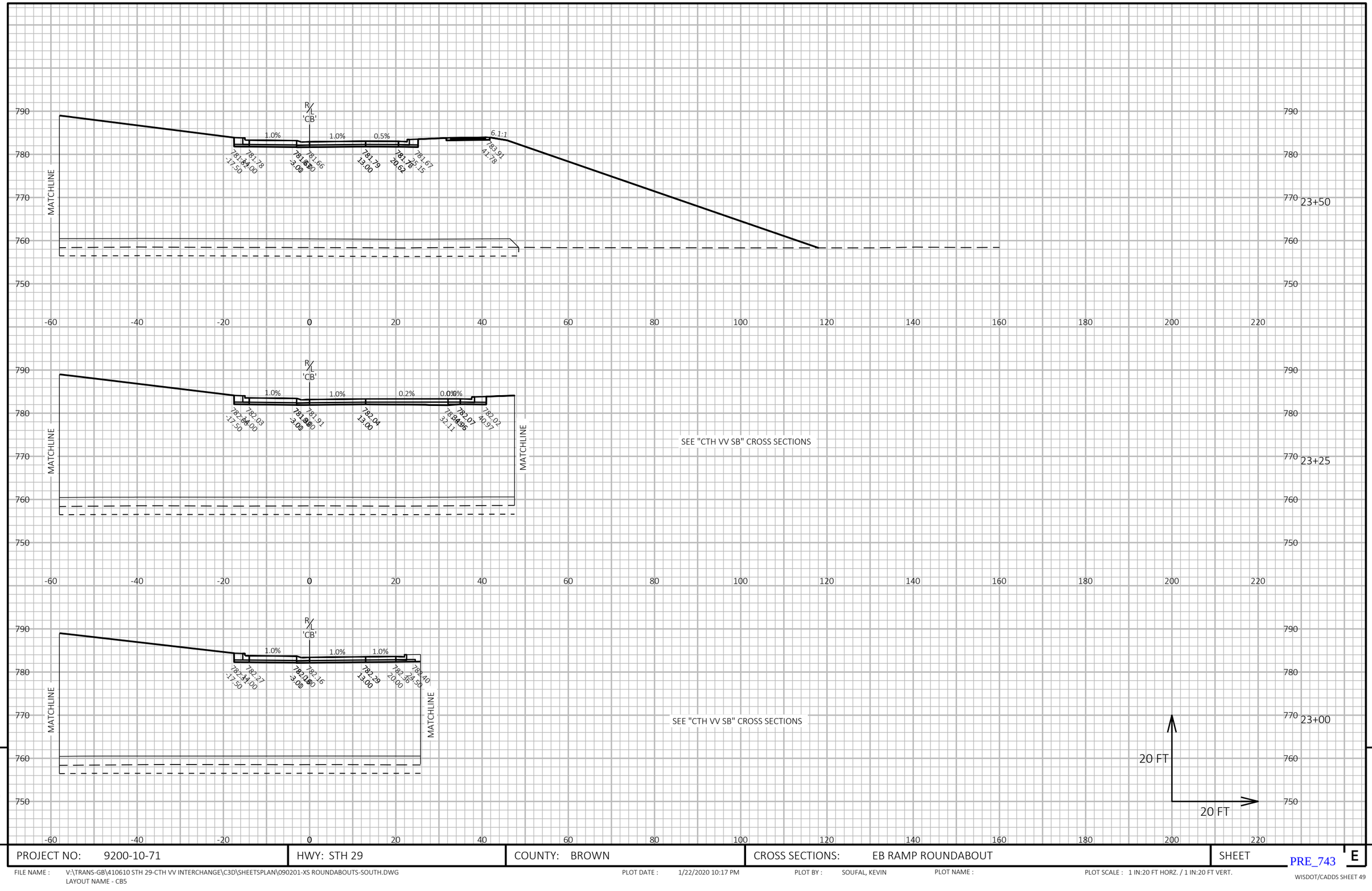
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET E

PRE_742

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB4

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

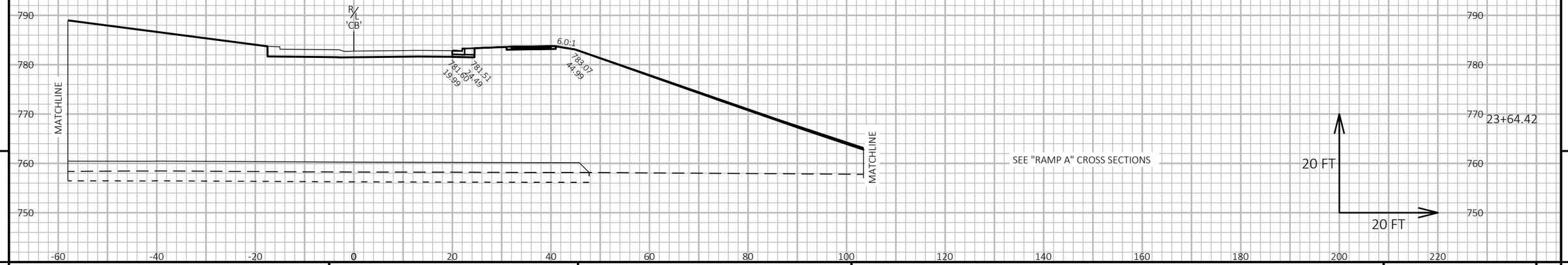
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET E

PRE_743

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB5

PLOT DATE : 1/22/2020 10:17 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

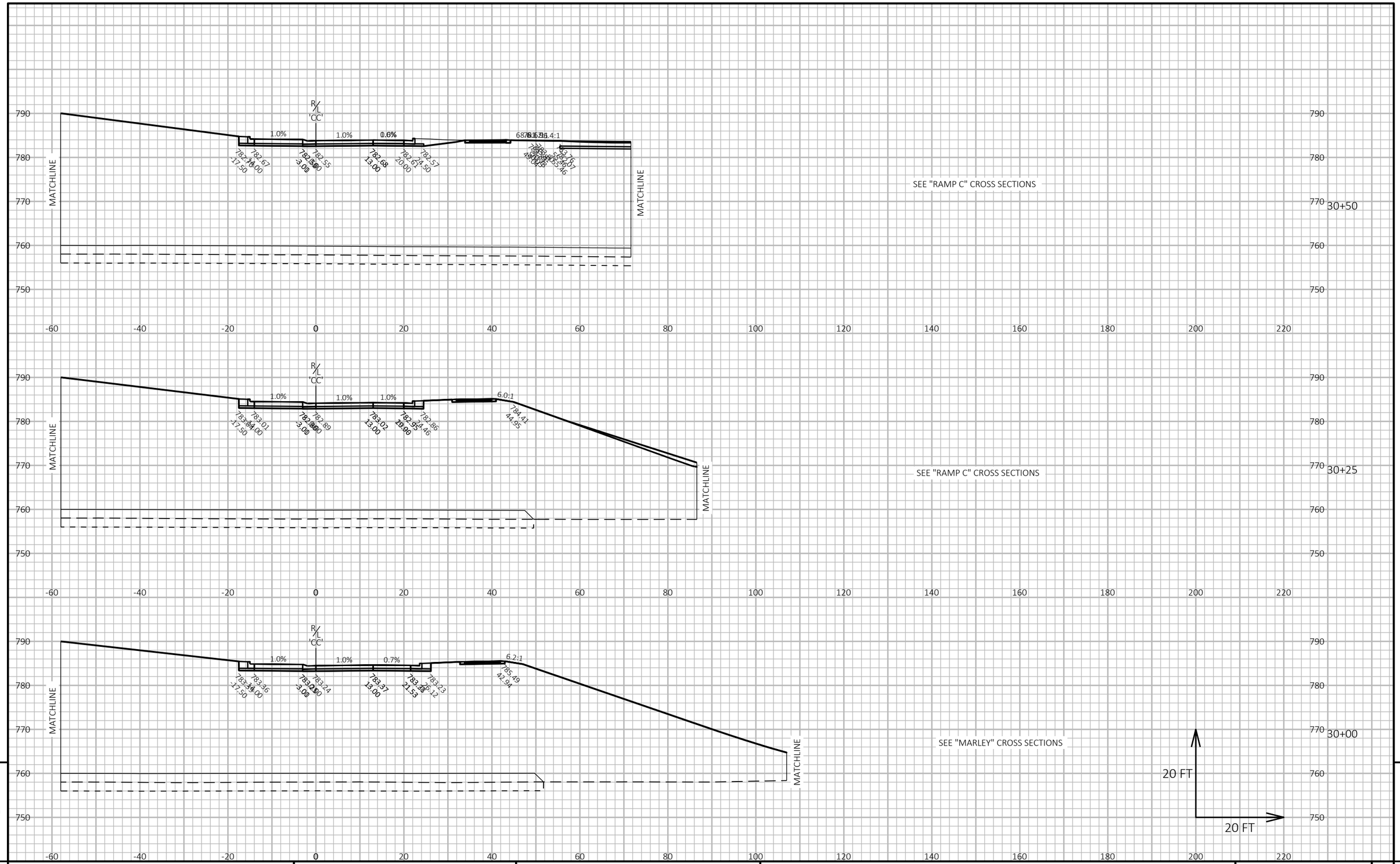
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EB RAMP ROUNDABOUT	SHEET E

PRE_744

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-SOUTH.DWG
LAYOUT NAME - CB6

PLOT DATE : 1/22/2020 10:18 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

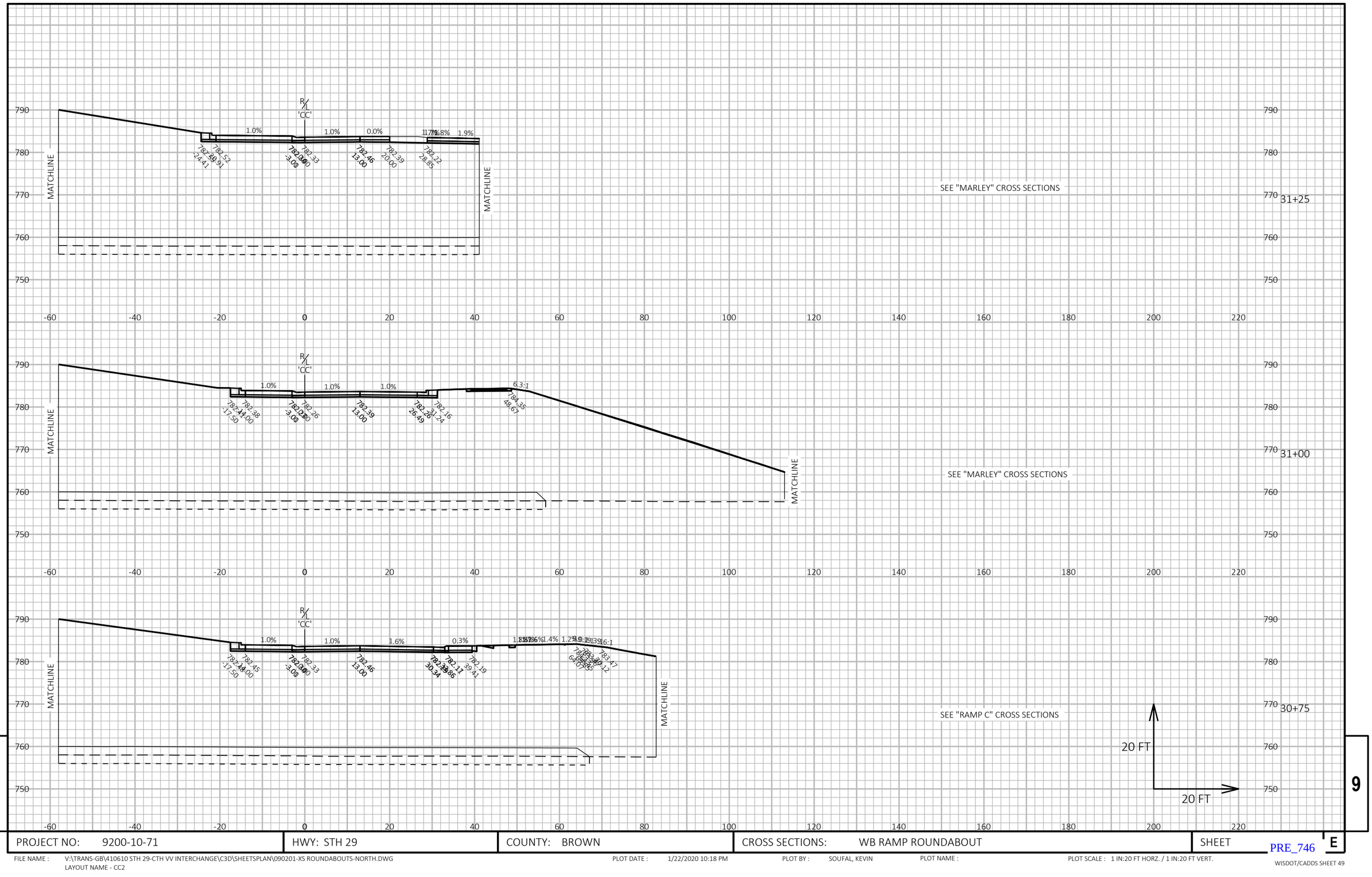
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET E

PRE_745

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC1

PLOT DATE : 1/22/2020 10:18 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



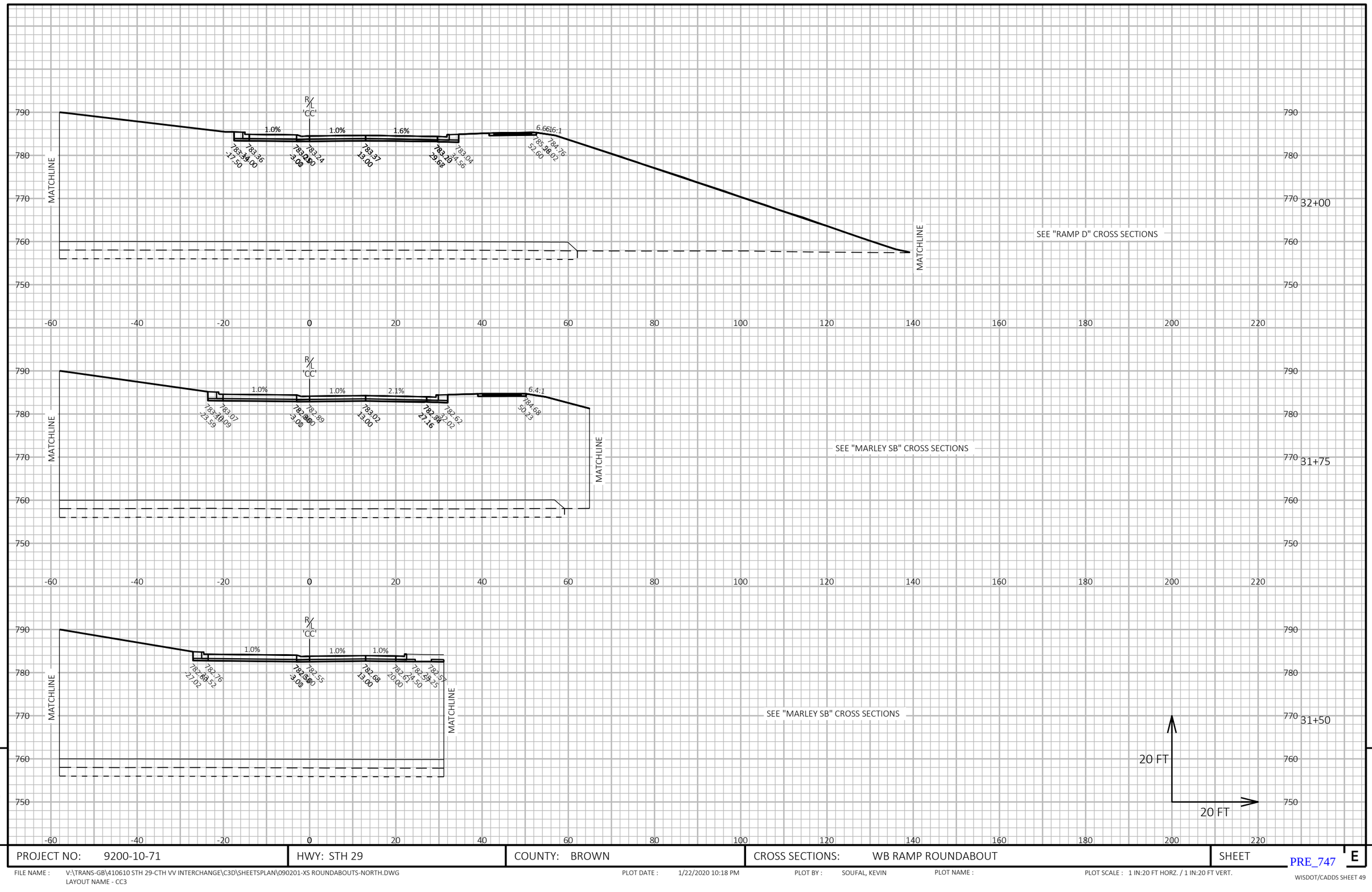
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET E

PRE_746

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC2

PLOT DATE : 1/22/2020 10:18 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

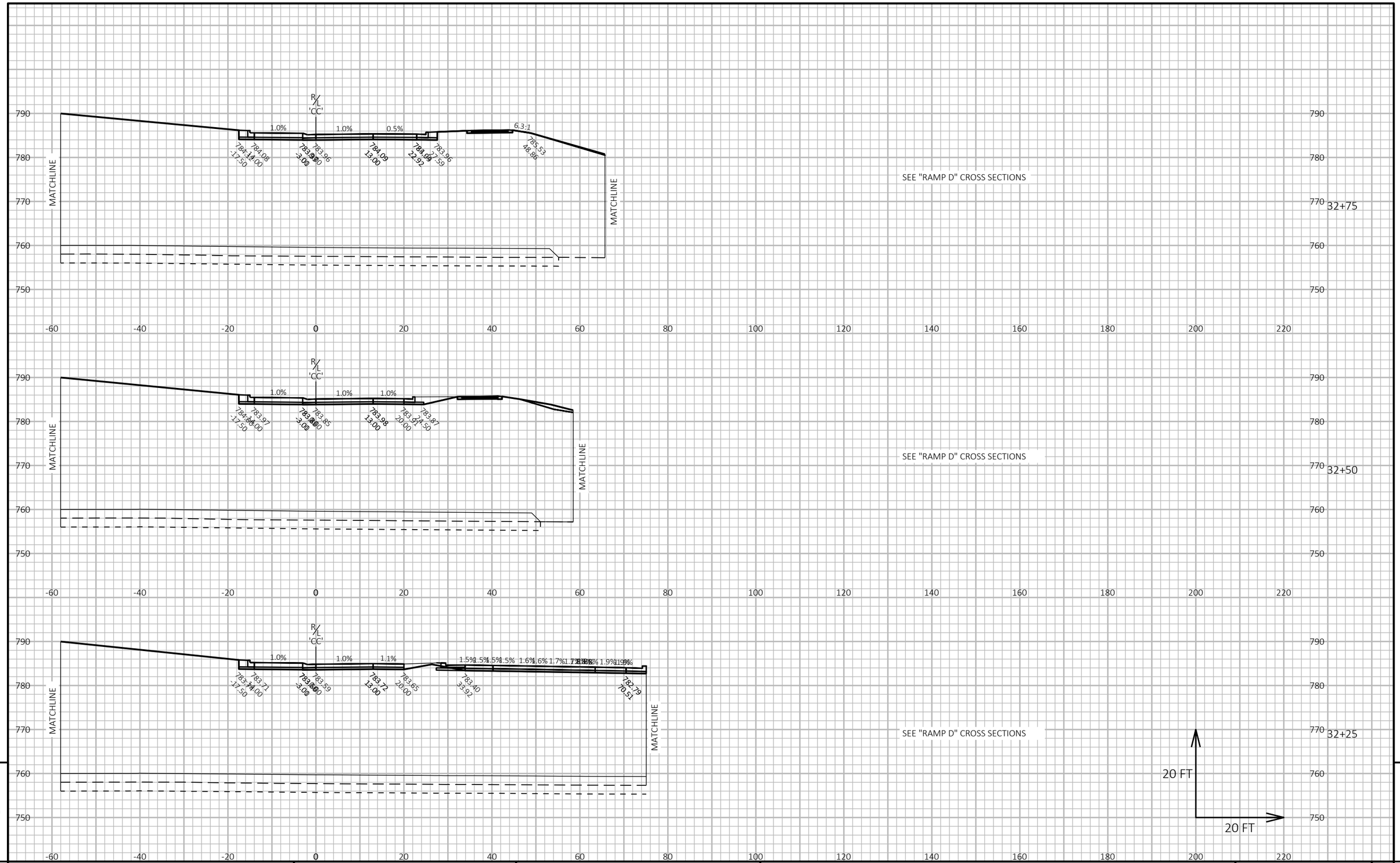
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET E

PRE_747

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC3

PLOT DATE : 1/22/2020 10:18 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



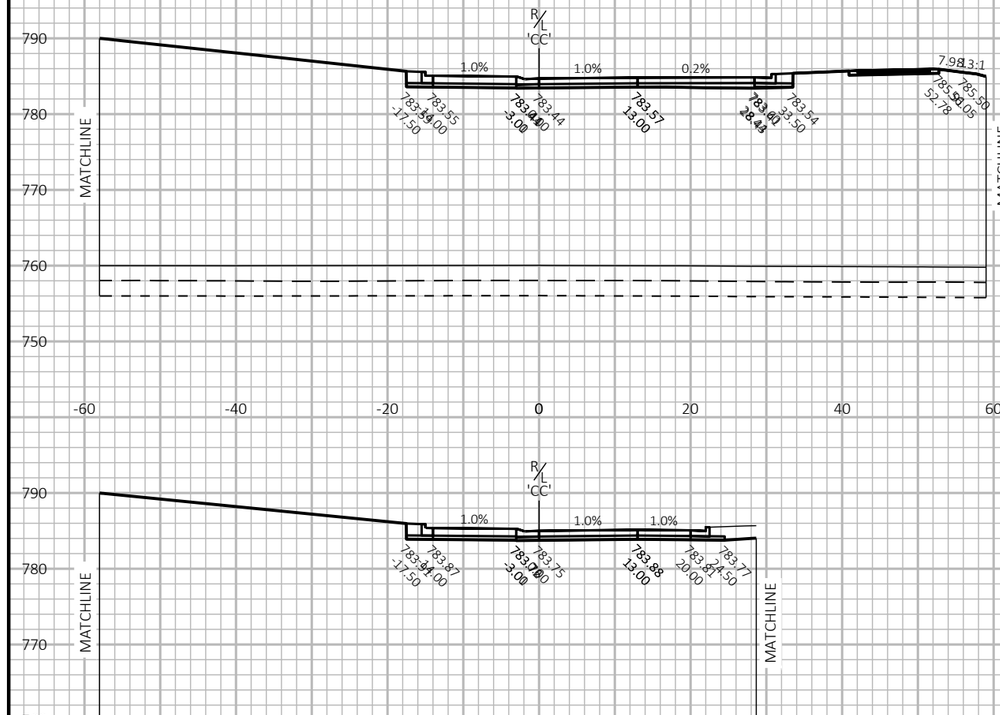
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET E

PRE_748

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC4

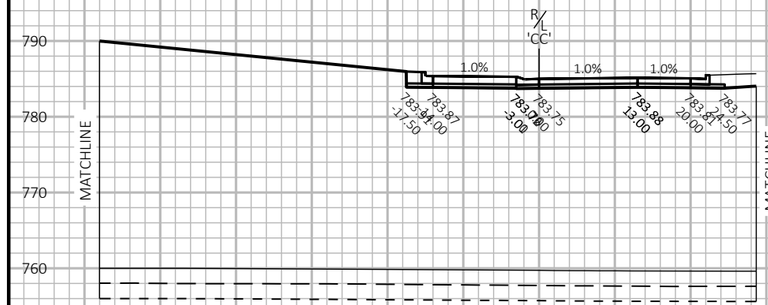
PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



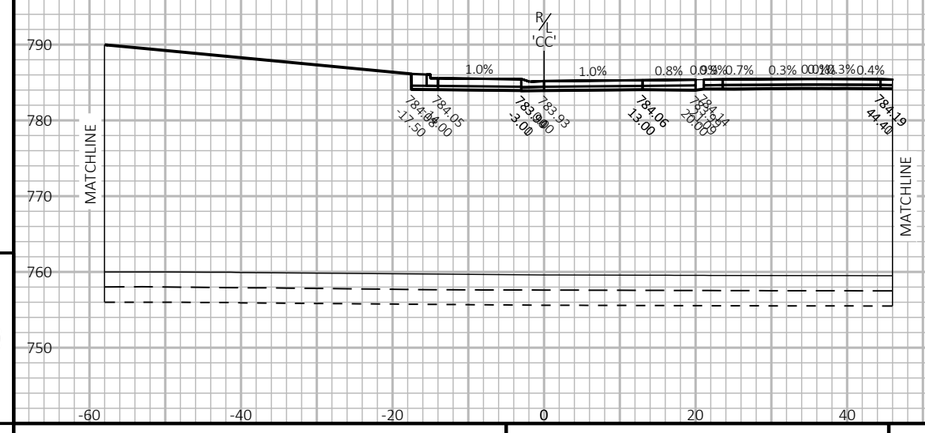
SEE "MARLEY" CROSS SECTIONS

33+50



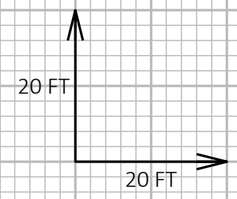
SEE "MARLEY" CROSS SECTIONS

33+25



SEE "MARLEY SB" CROSS SECTIONS

33+00



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET E

PRE_749

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC5

PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



9

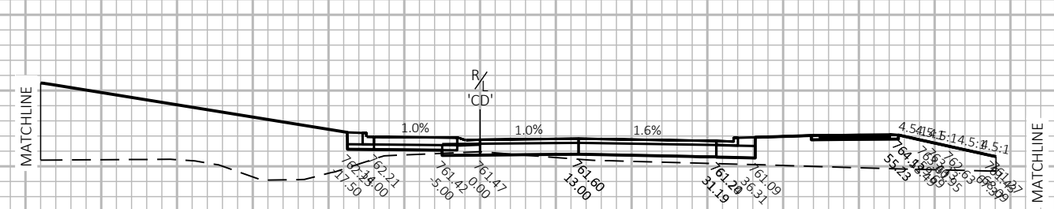
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: WB RAMP ROUNDABOUT	SHEET PRE_750 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CC6

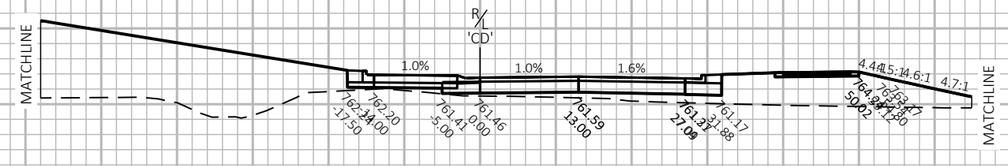
PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



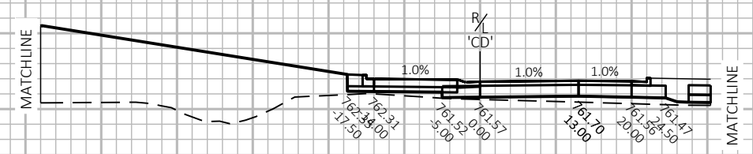
SEE "MARLEY" CROSS SECTIONS

40+75



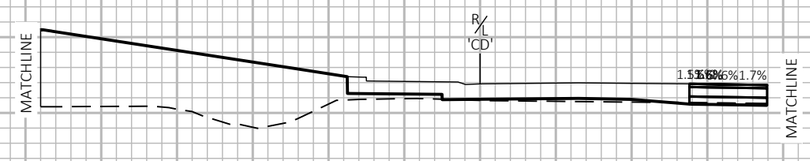
SEE "EVERGREEN SB" CROSS SECTIONS

40+50



SEE "EVERGREEN SB" CROSS SECTIONS

40+25



SEE "EVERGREEN" CROSS SECTIONS

40+00

20 FT

20 FT

9

9

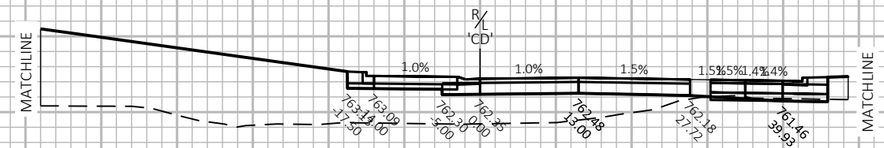
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. ROUNDABOUT	SHEET E

PRE_751

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CD1

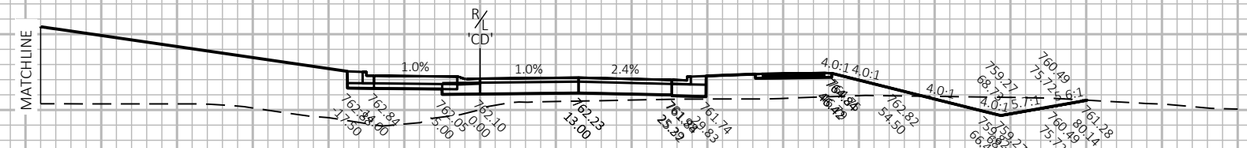
PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

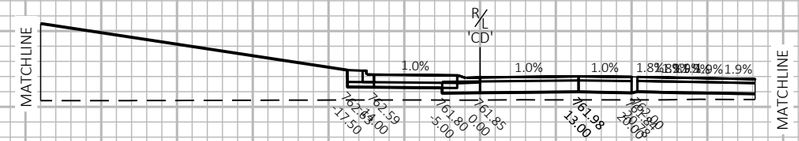


SEE "EVERGREEN SB" CROSS SECTIONS

41+75

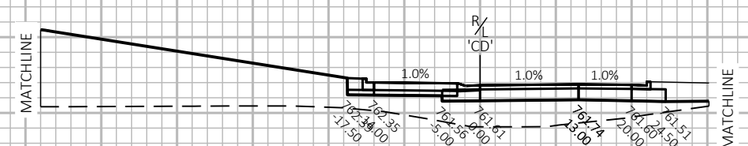


41+50



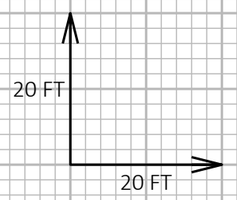
SEE "MARLEY SB" CROSS SECTIONS

41+25



SEE "MARLEY" CROSS SECTIONS

41+00



9

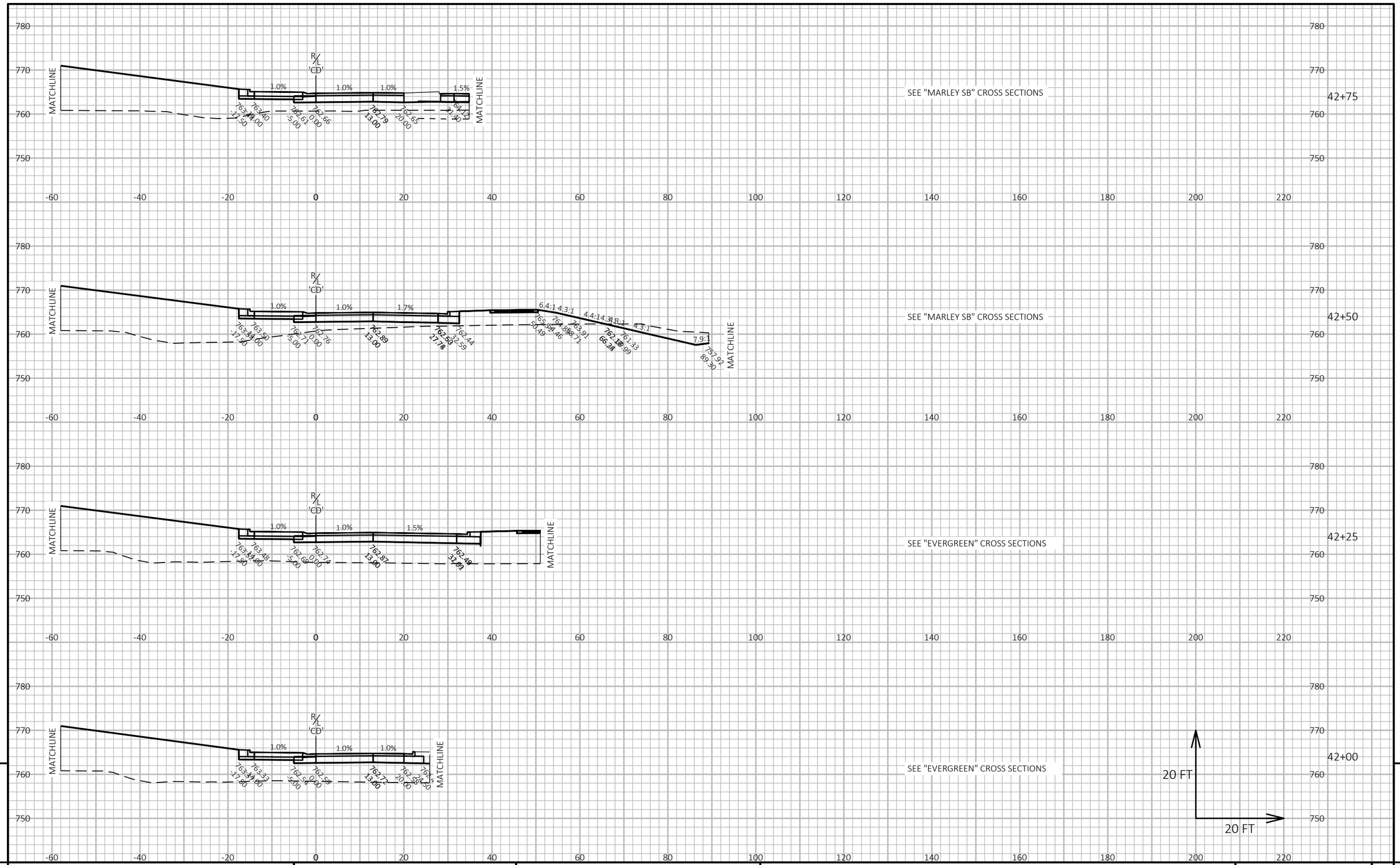
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. ROUNDABOUT	SHEET PRE_752 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CD2

PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

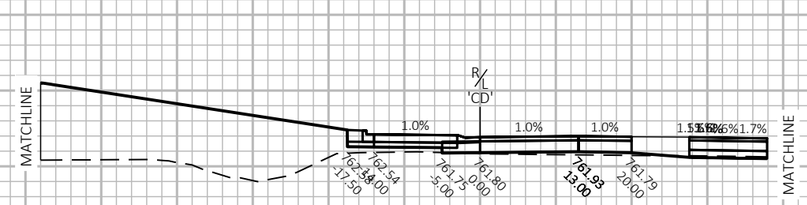
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. ROUNDABOUT	SHEET E

PRE_753

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CD3

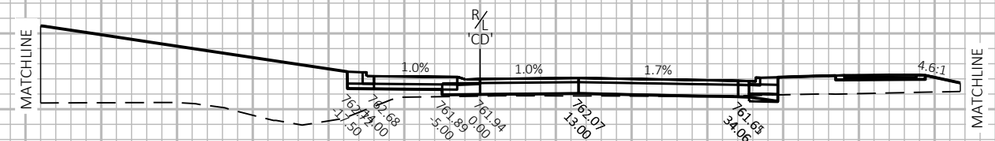
PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



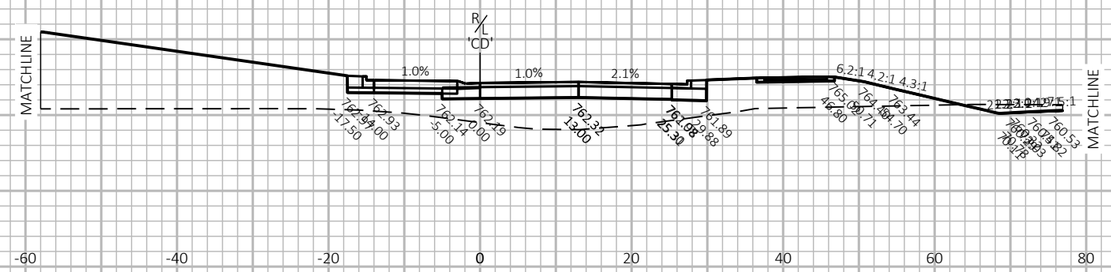
SEE "EVERGREEN" CROSS SECTIONS

43+64.41



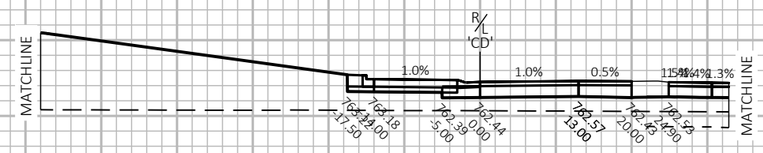
SEE "EVERGREEN" CROSS SECTIONS

43+50



SEE "MARLEY" CROSS SECTIONS

43+25



SEE "MARLEY" CROSS SECTIONS

43+00

20 FT

20 FT

9

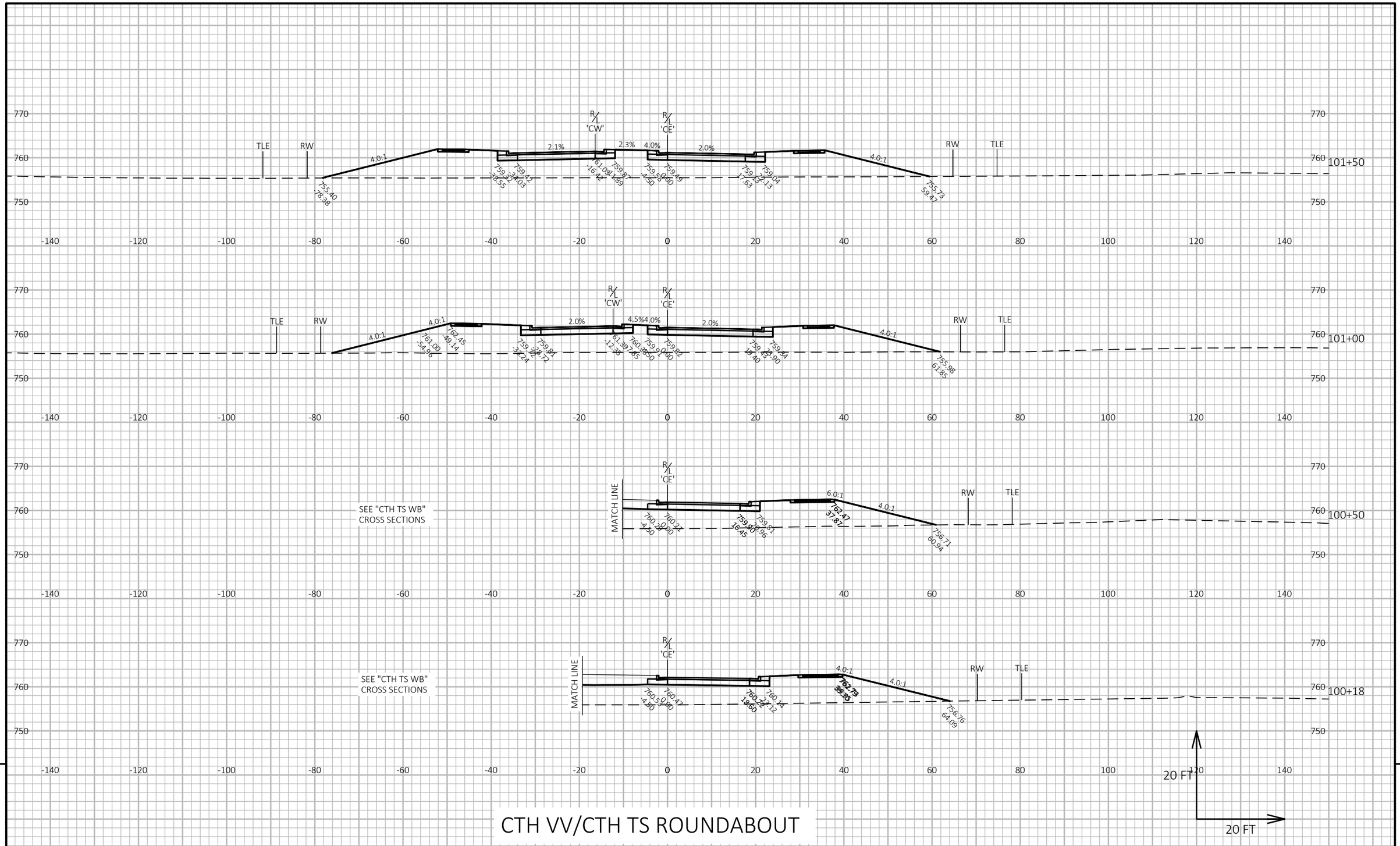
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. ROUNDABOUT	SHEET PRE_754 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS ROUNDABOUTS-NORTH.DWG
LAYOUT NAME - CD4

PLOT DATE : 1/22/2020 10:19 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

CTH VV/CTH TS ROUNDABOUT

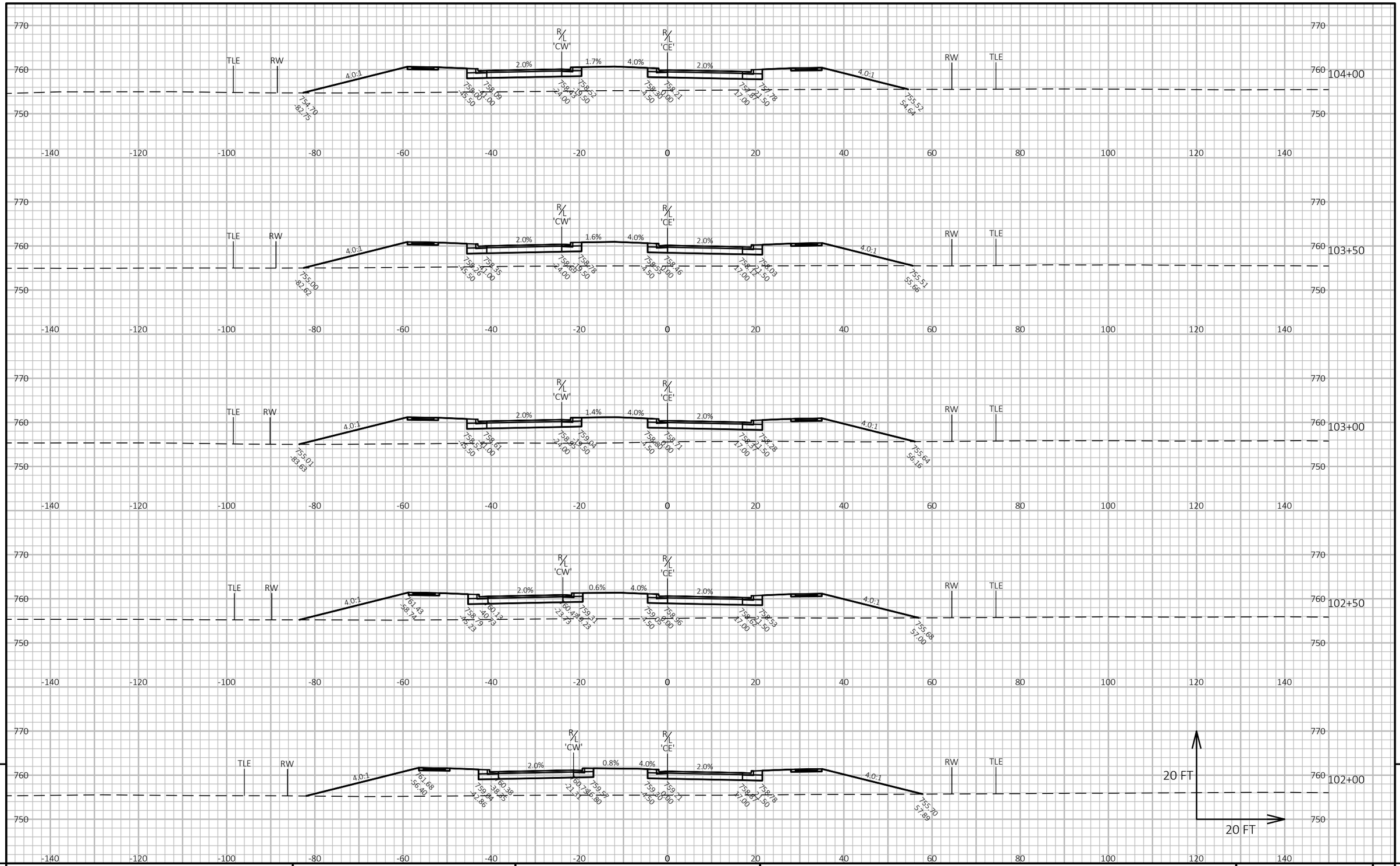
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET PRE_755 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE1

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



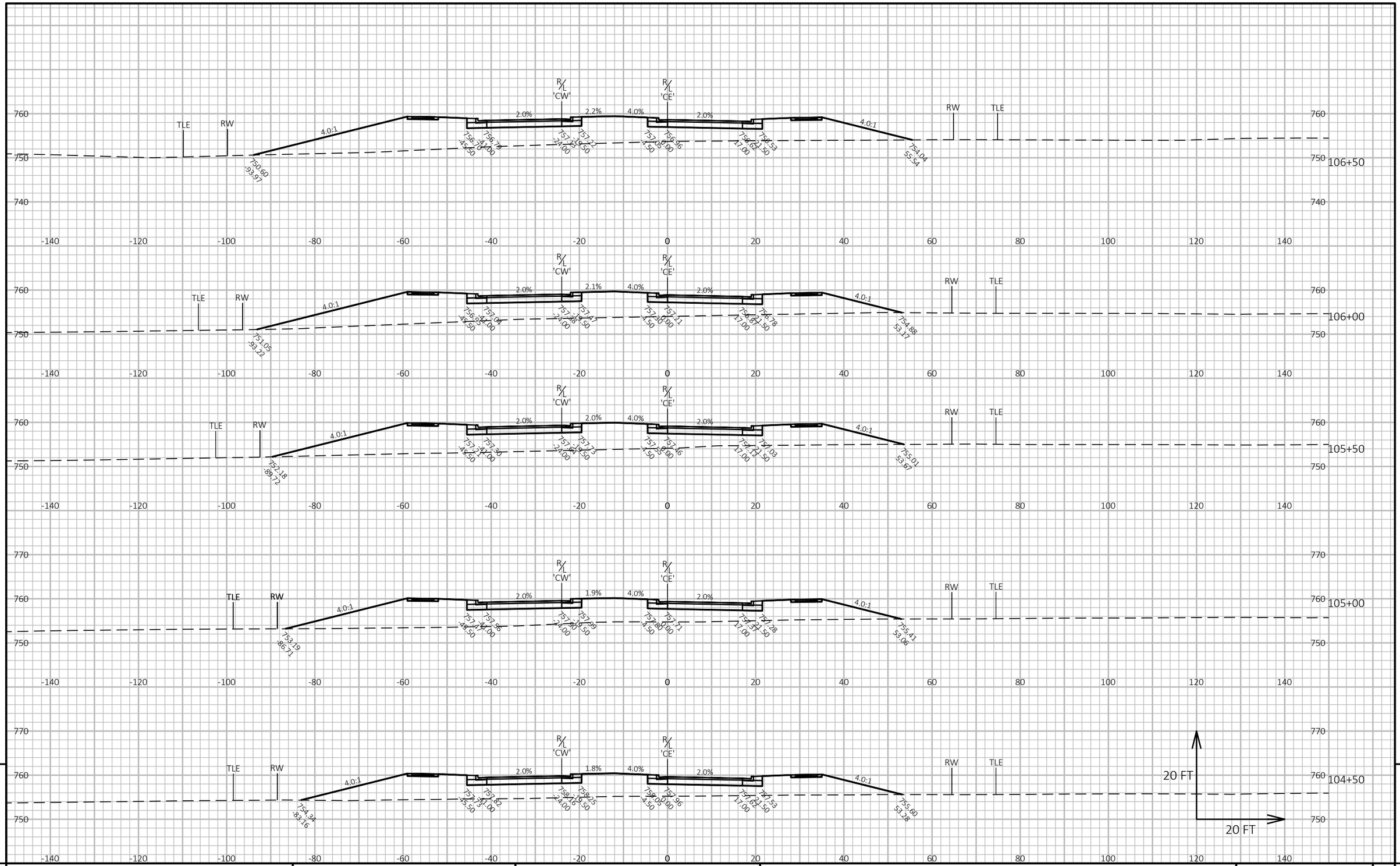
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

PRE_756

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE2

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



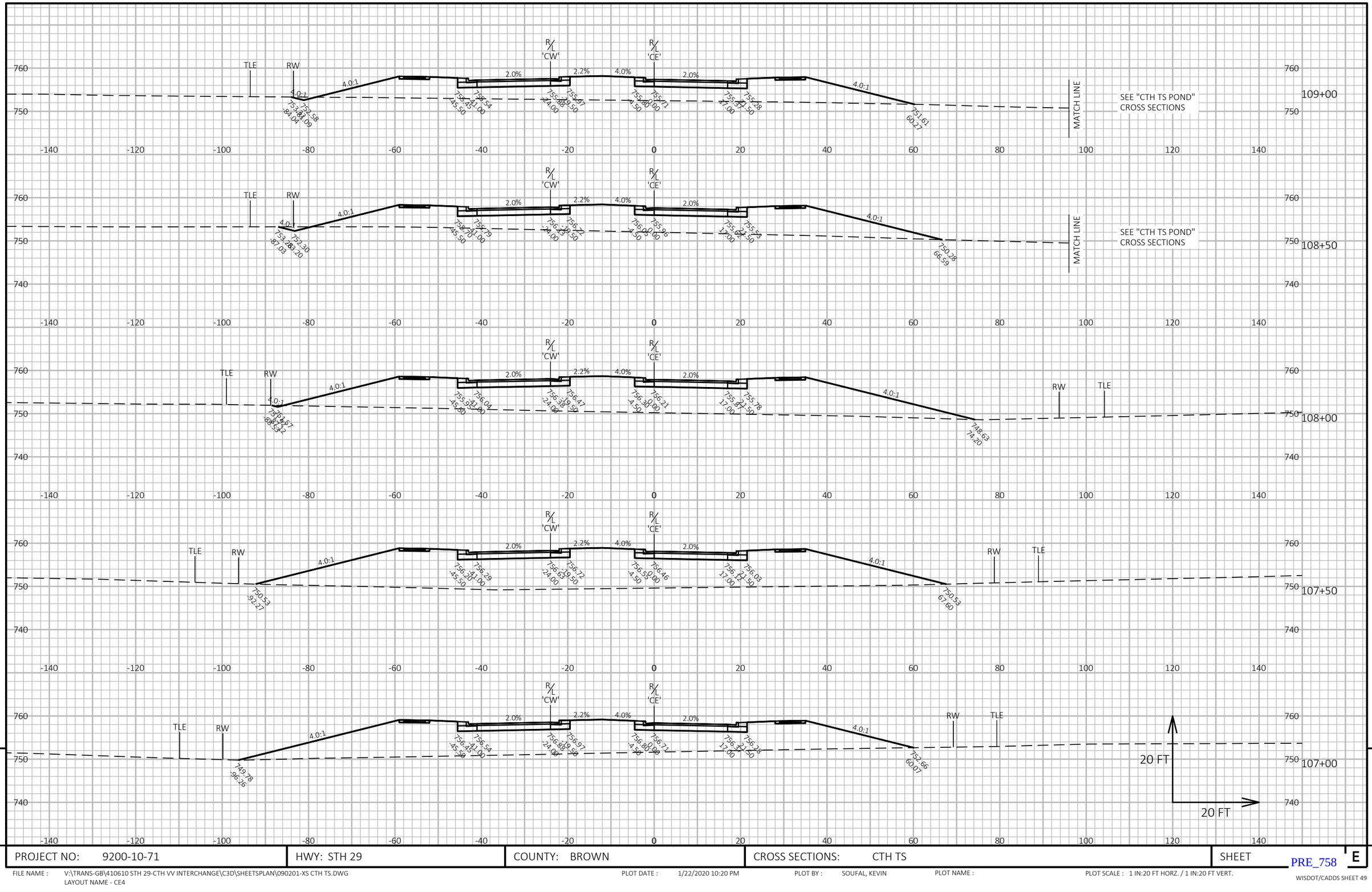
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE3

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_757

WISDOT/CADDS SHEET 49



9

9

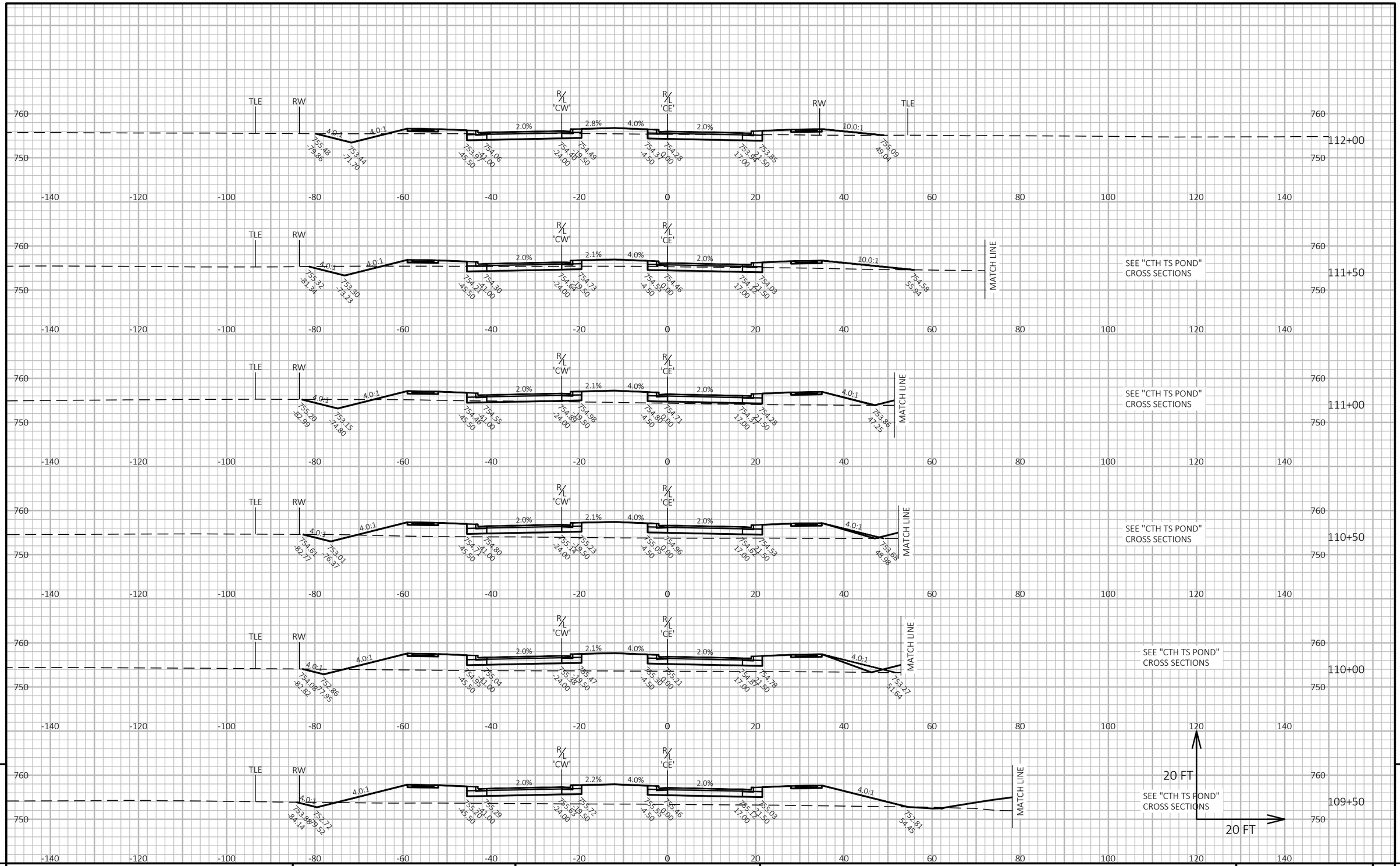
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

PRE_758

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE4

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



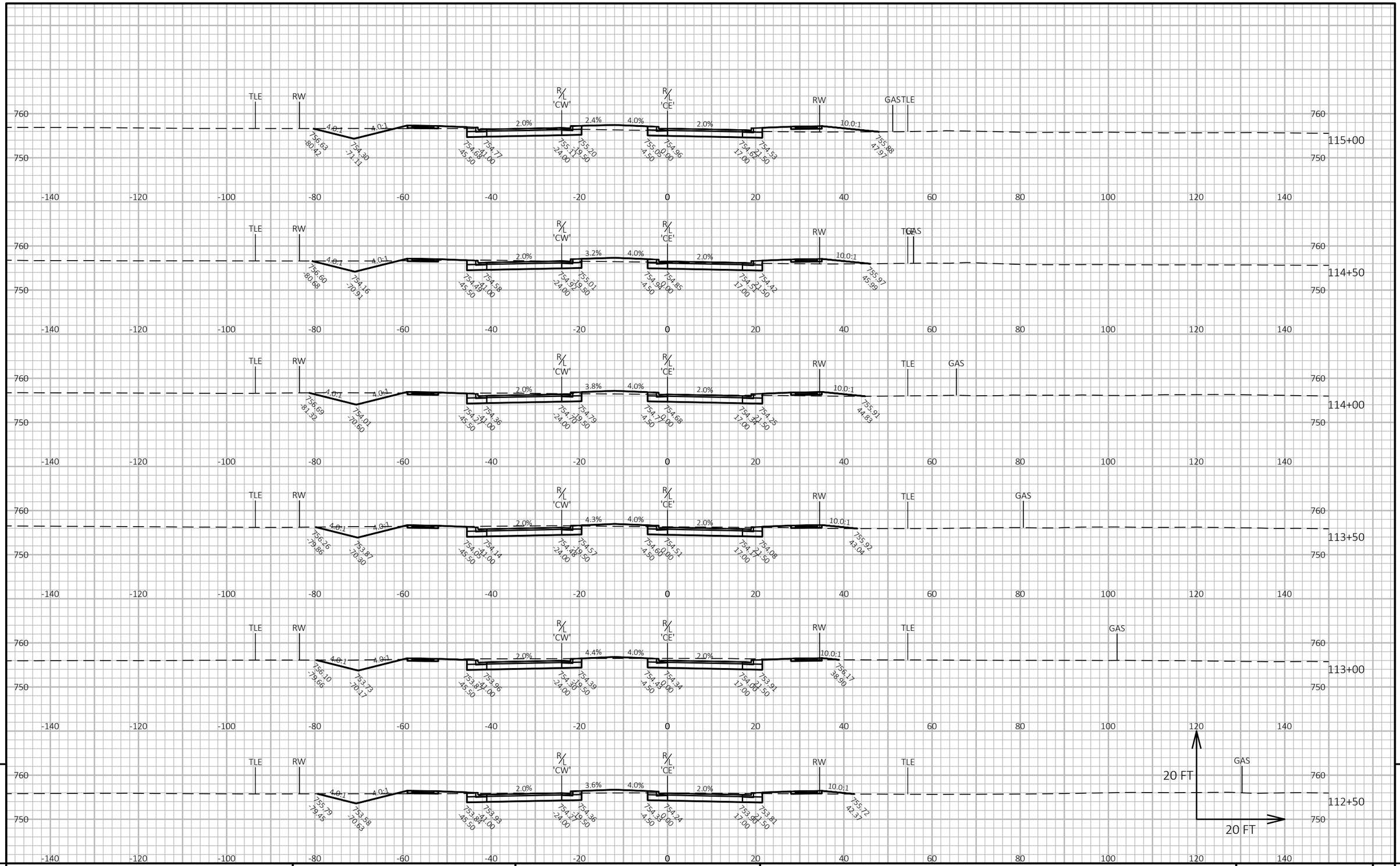
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

PRE_759

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE5

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET PRE_760 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE6

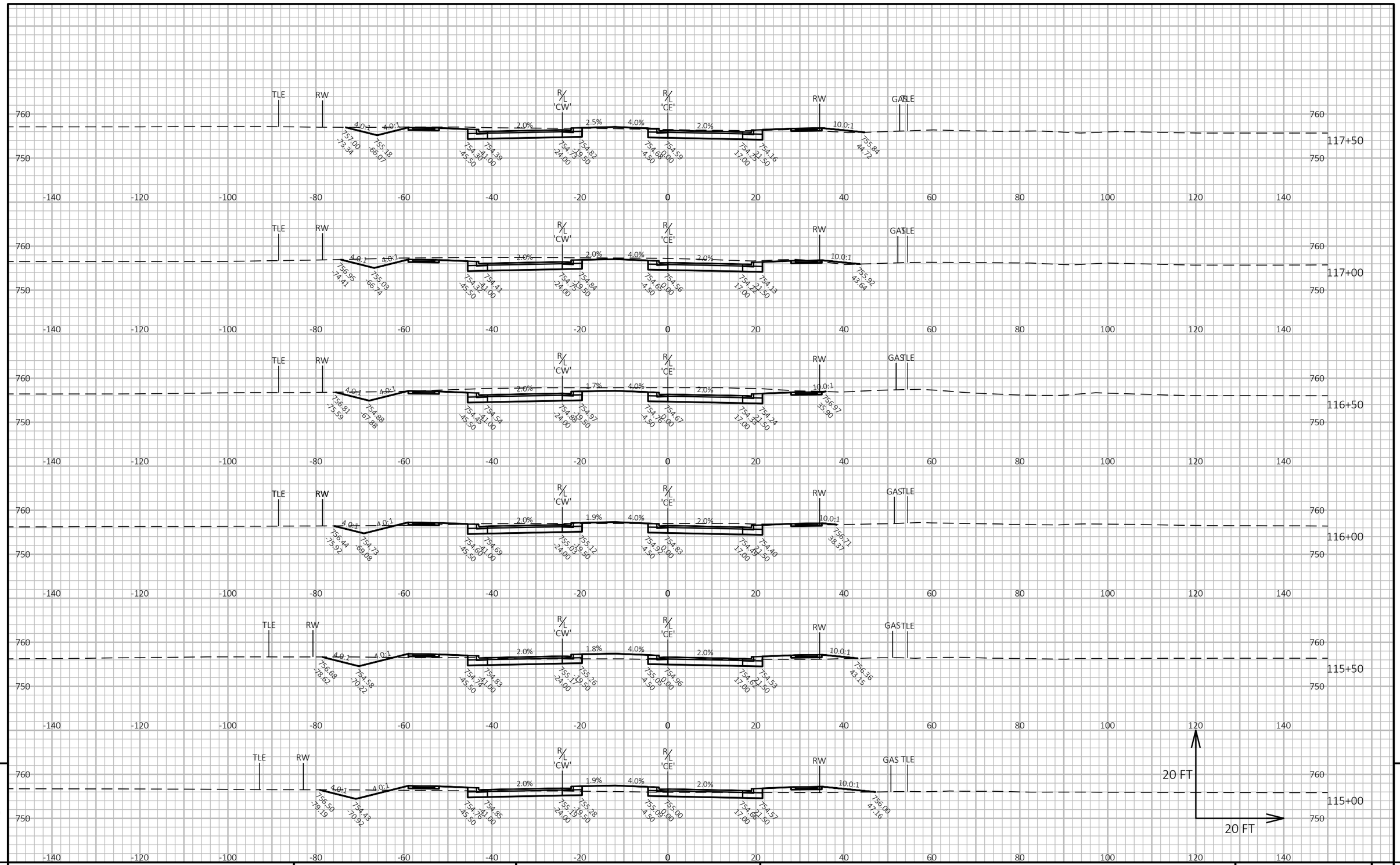
PLOT DATE : 1/22/2020 10:20 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

PRE_761

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE7

PLOT DATE : 1/22/2020 10:20 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION



9

9

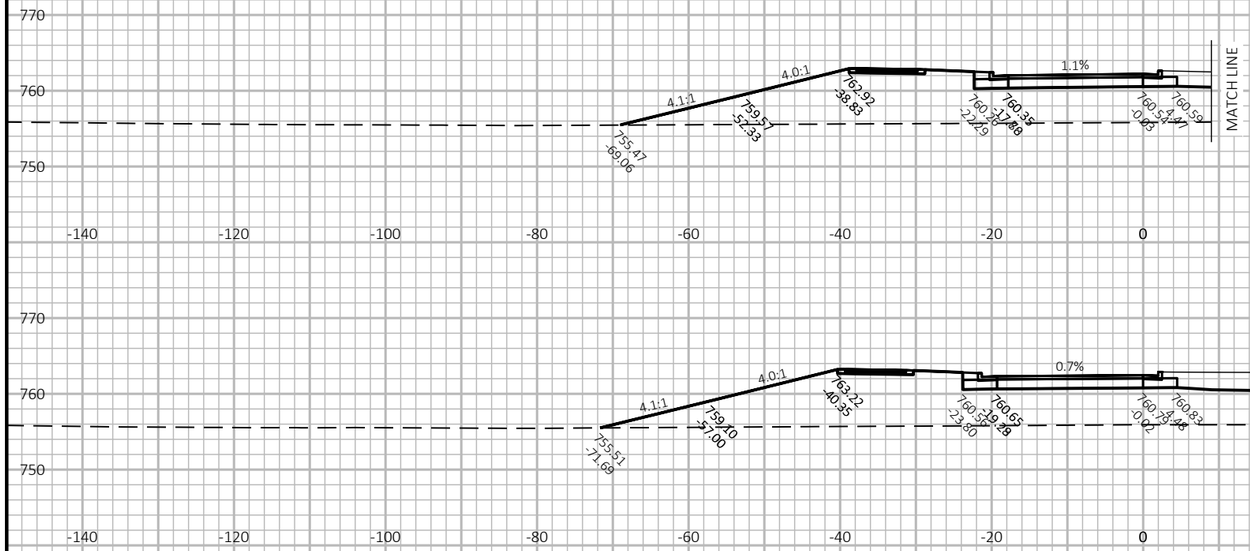
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS	SHEET E

PRE_762

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CE8

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

CTH TS

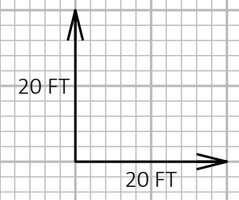


SEE "CTH TS"
CROSS SECTIONS

100+43

SEE "CTH TS"
CROSS SECTIONS

100+14



CTH VV/CTH TS ROUNDABOUT

9 9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS WESTBOUND	SHEET E

PRE_763

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - CW1

PLOT DATE : 1/22/2020 10:20 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

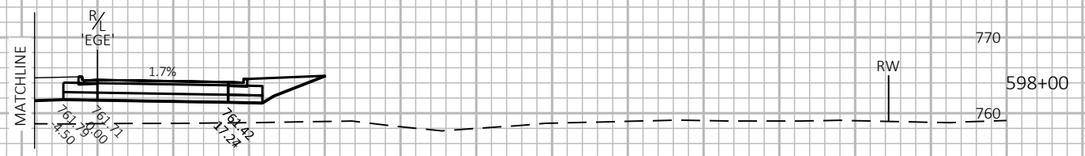
WISDOT/CADDS SHEET 49

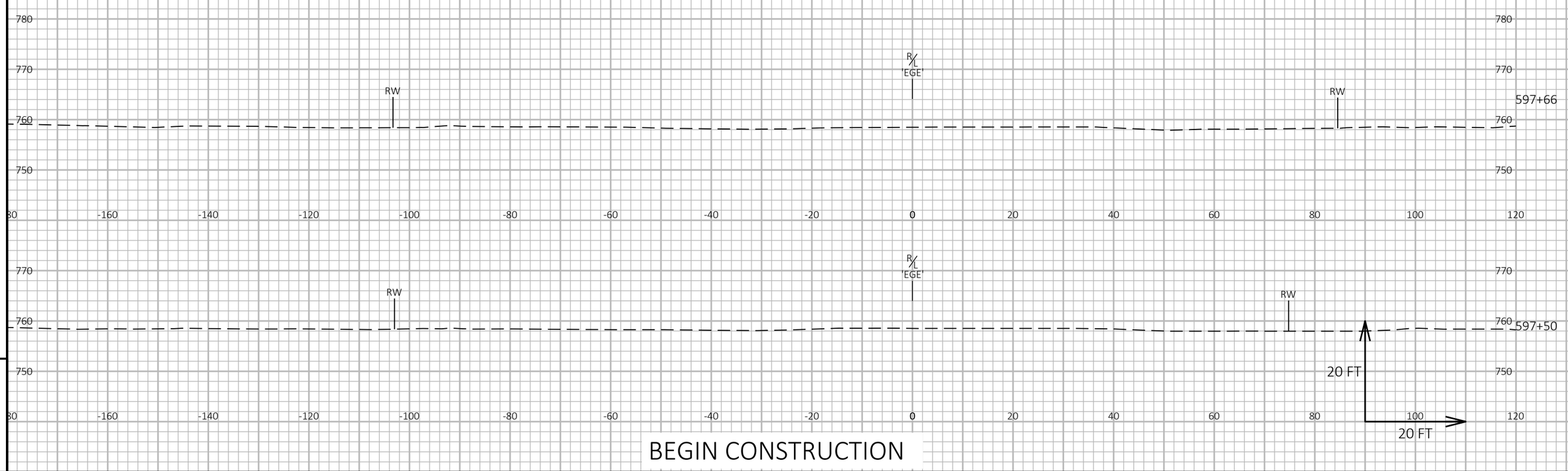
MARLEY/EVERGREEN ROUNDABOUT

SEE "EVERGREEN WB" CROSS SECTIONS



SEE "EVERGREEN WB" CROSS SECTIONS





BEGIN CONSTRUCTION

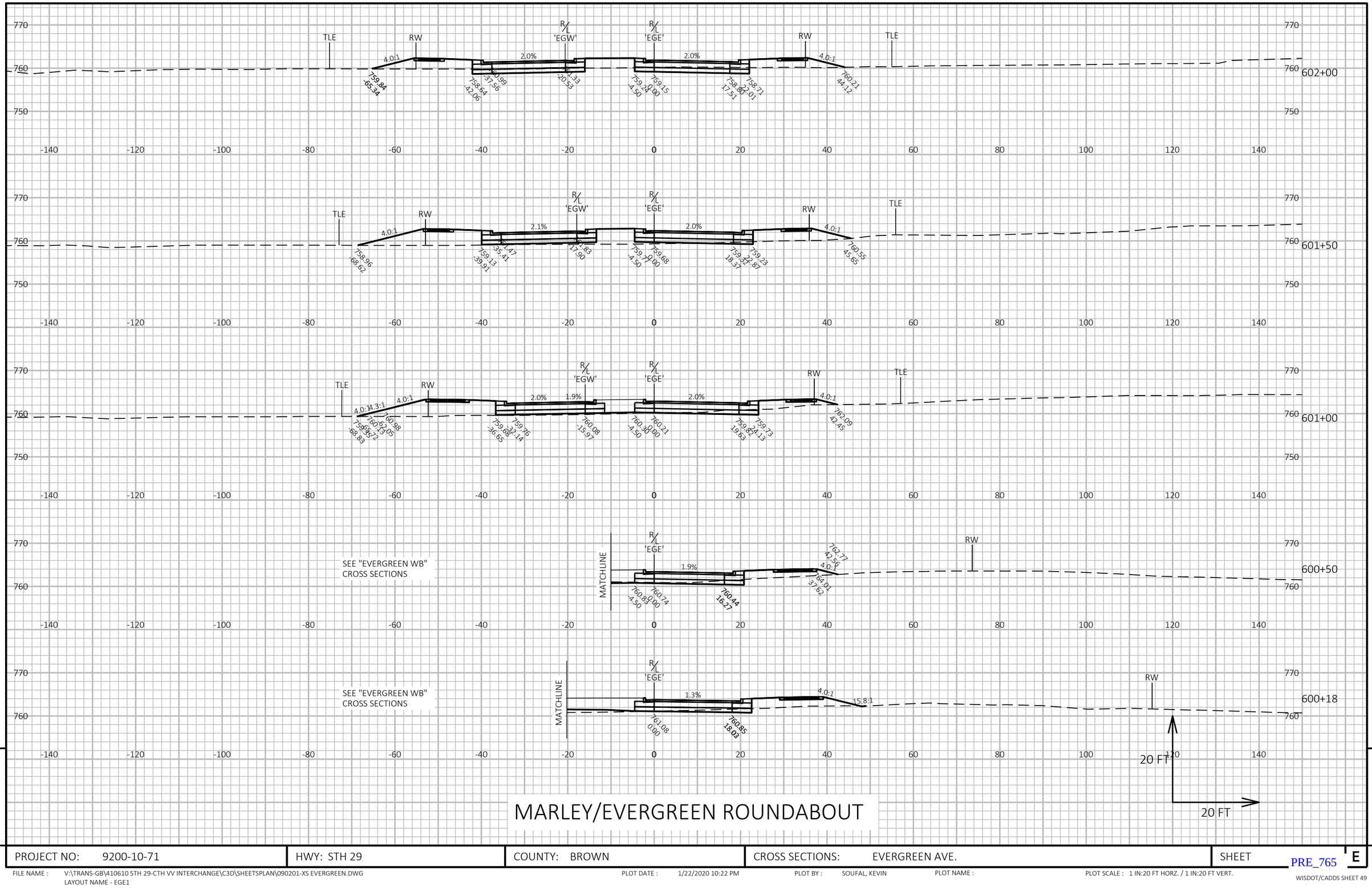
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_764

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE1A

PLOT DATE : 1/22/2020 10:21 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



MARLEY/EVERGREEN ROUNDABOUT

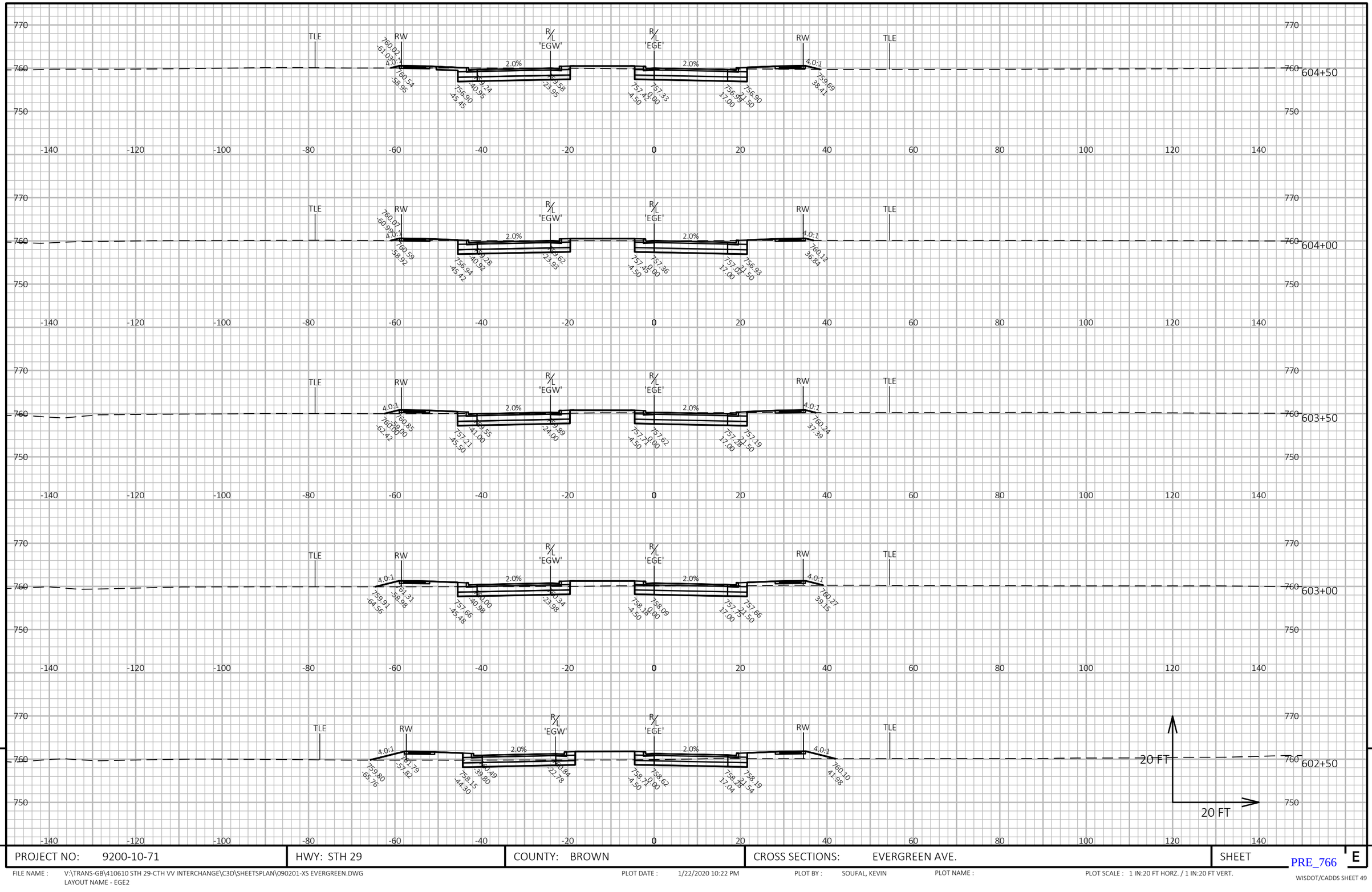
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE1

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_765

WISDOT/CADDS SHEET 49



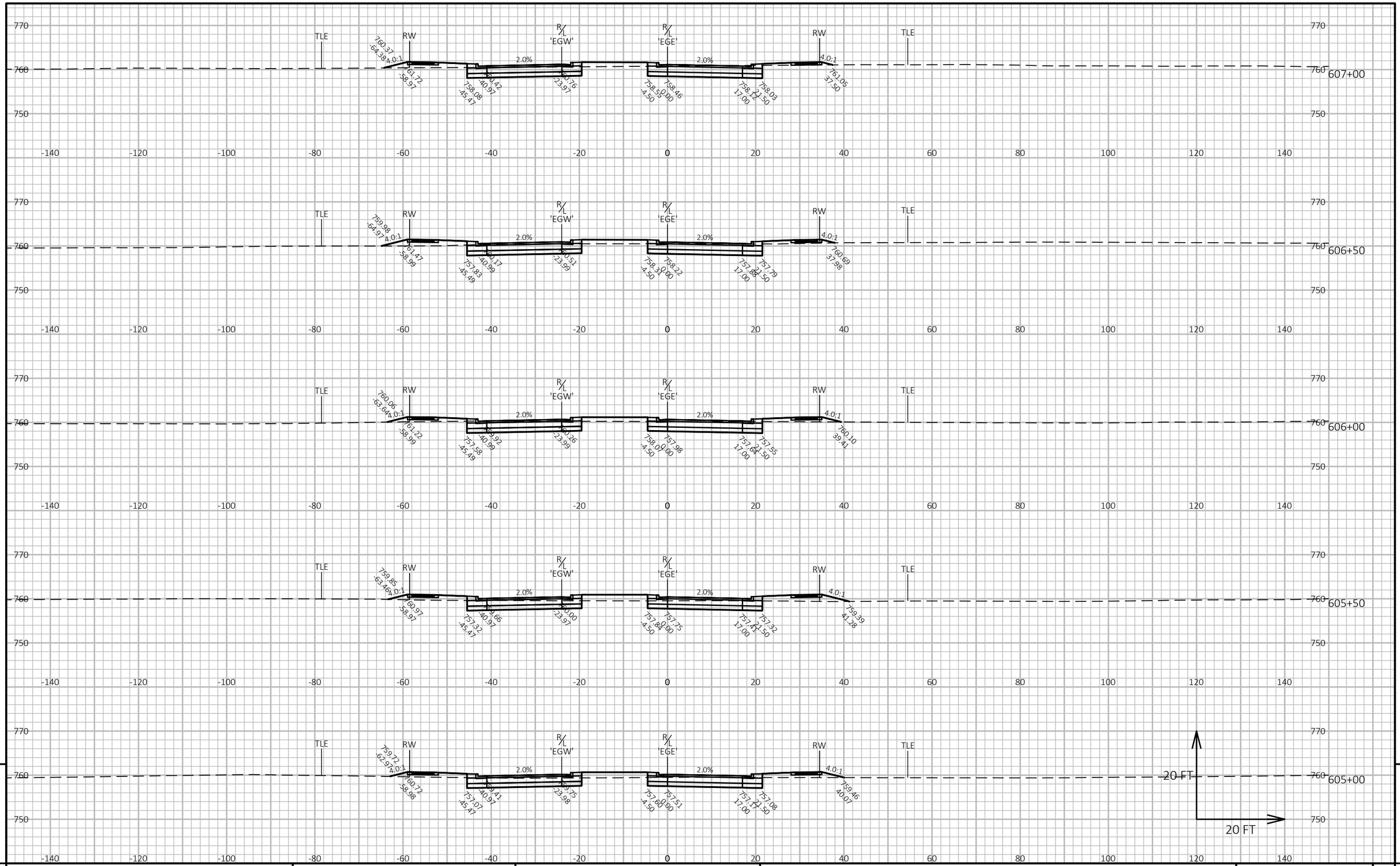
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_766

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE2

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



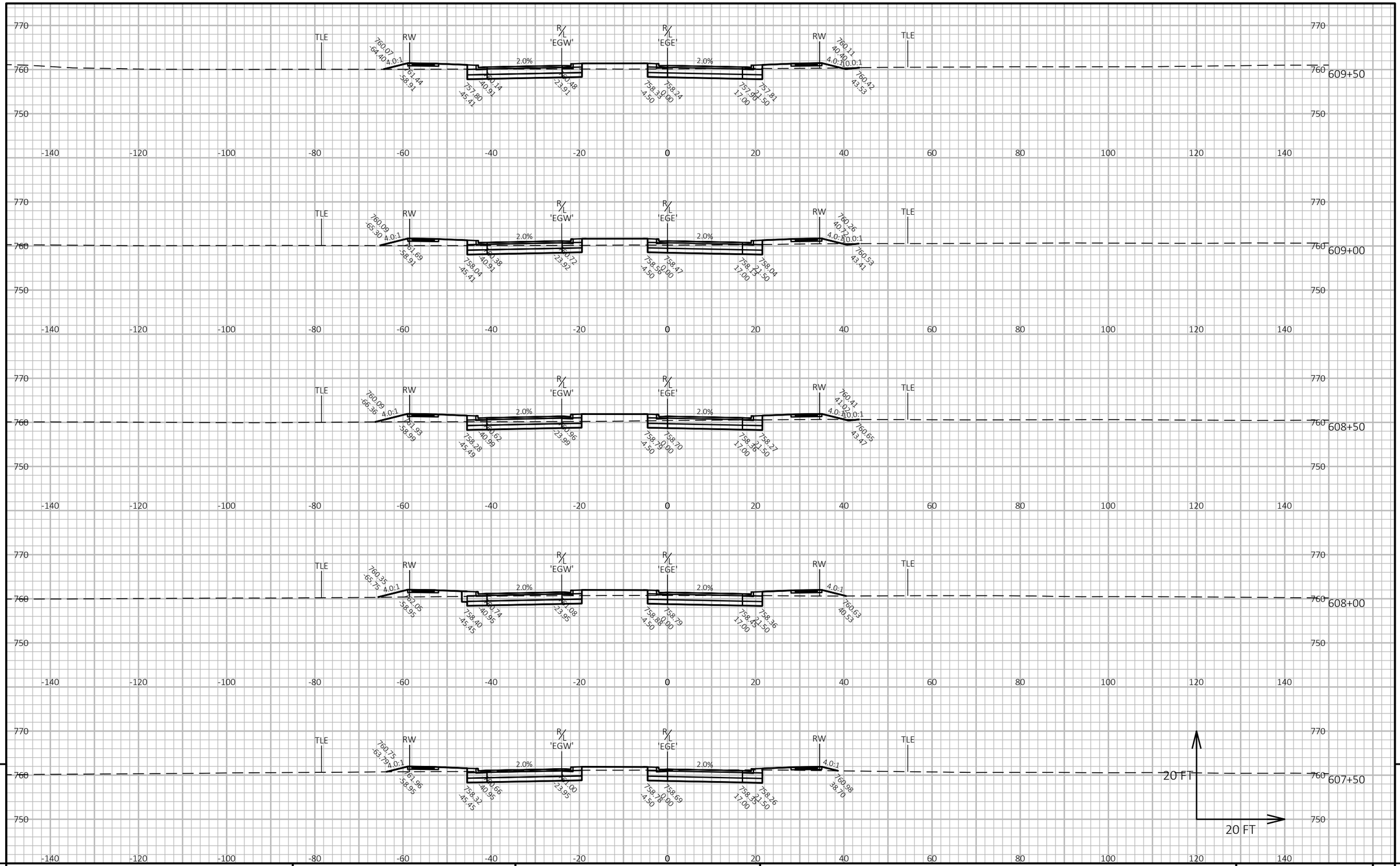
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_767

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE3

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



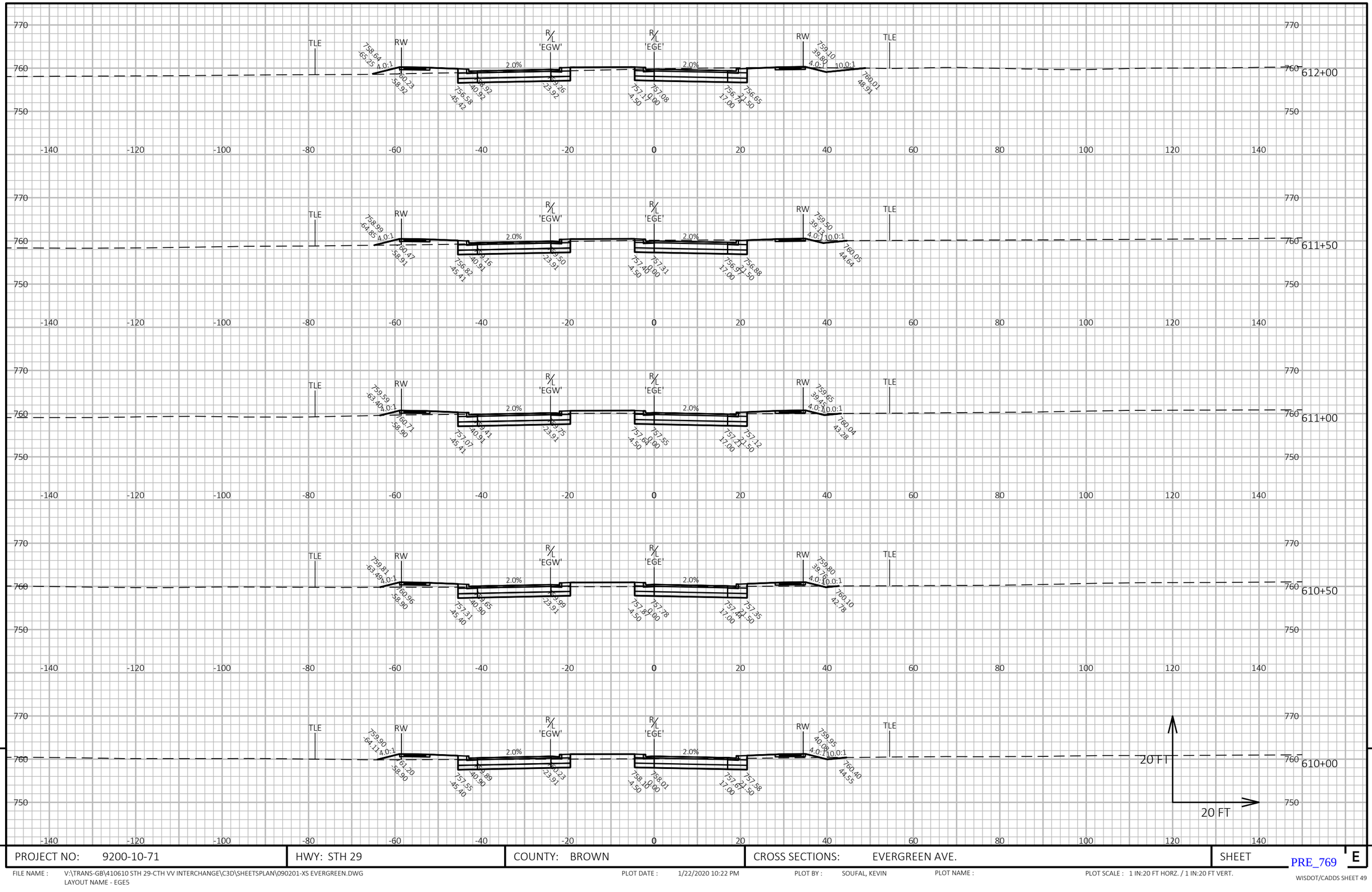
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE4

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_768

WISDOT/CADDS SHEET 49

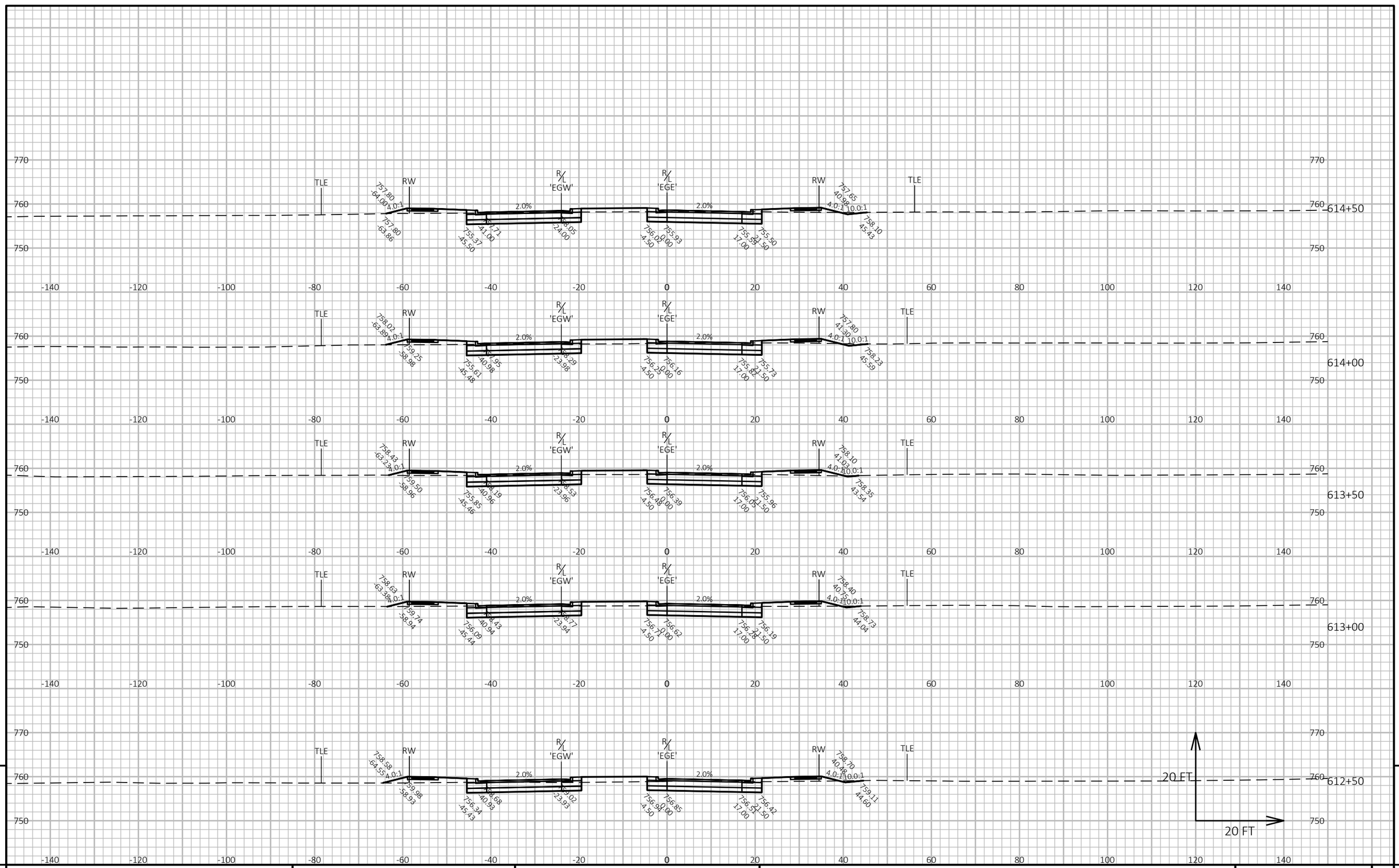


PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE5

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_769



9

9

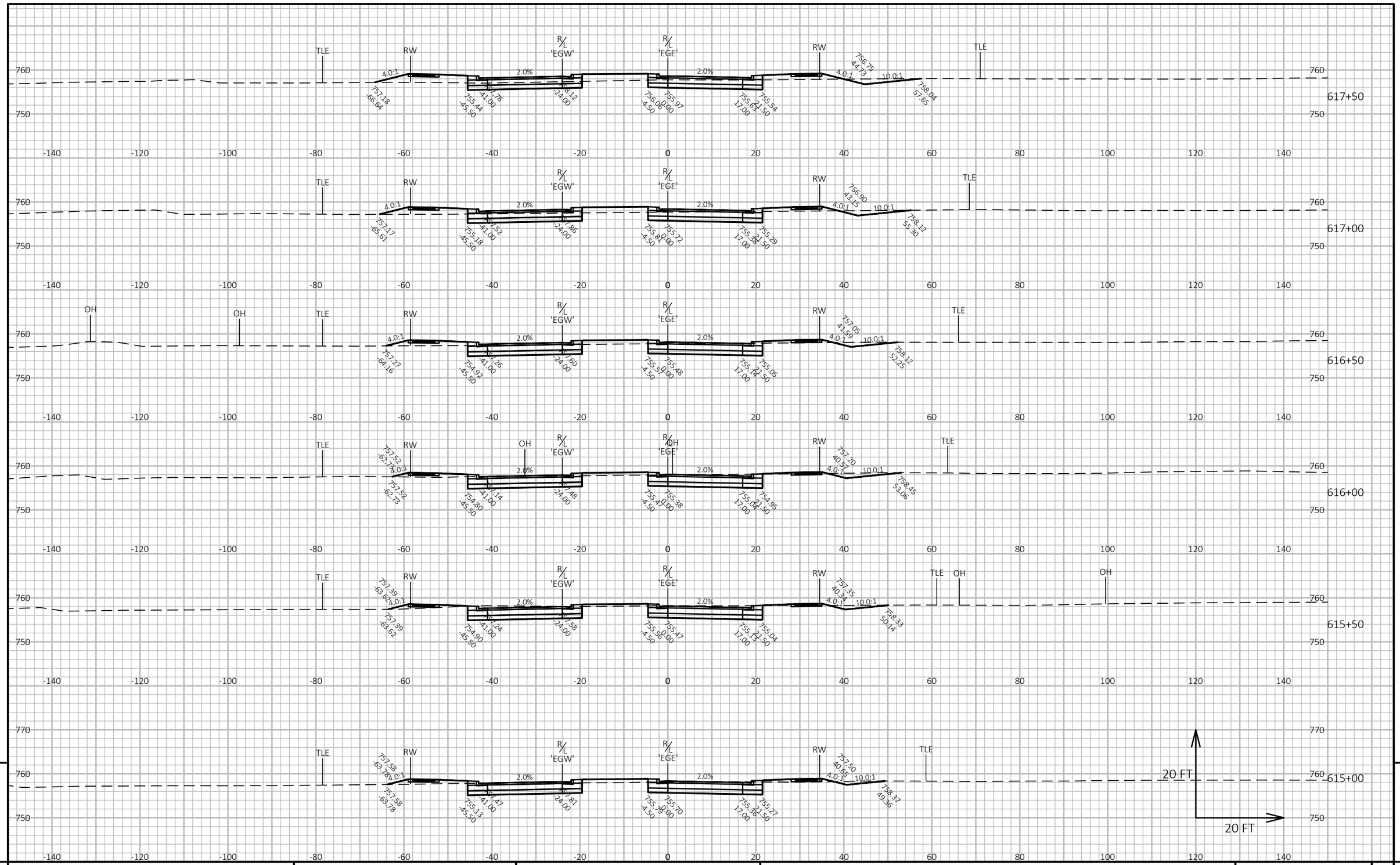
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE6

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_770

WISDOT/CADDS SHEET 49



9

9

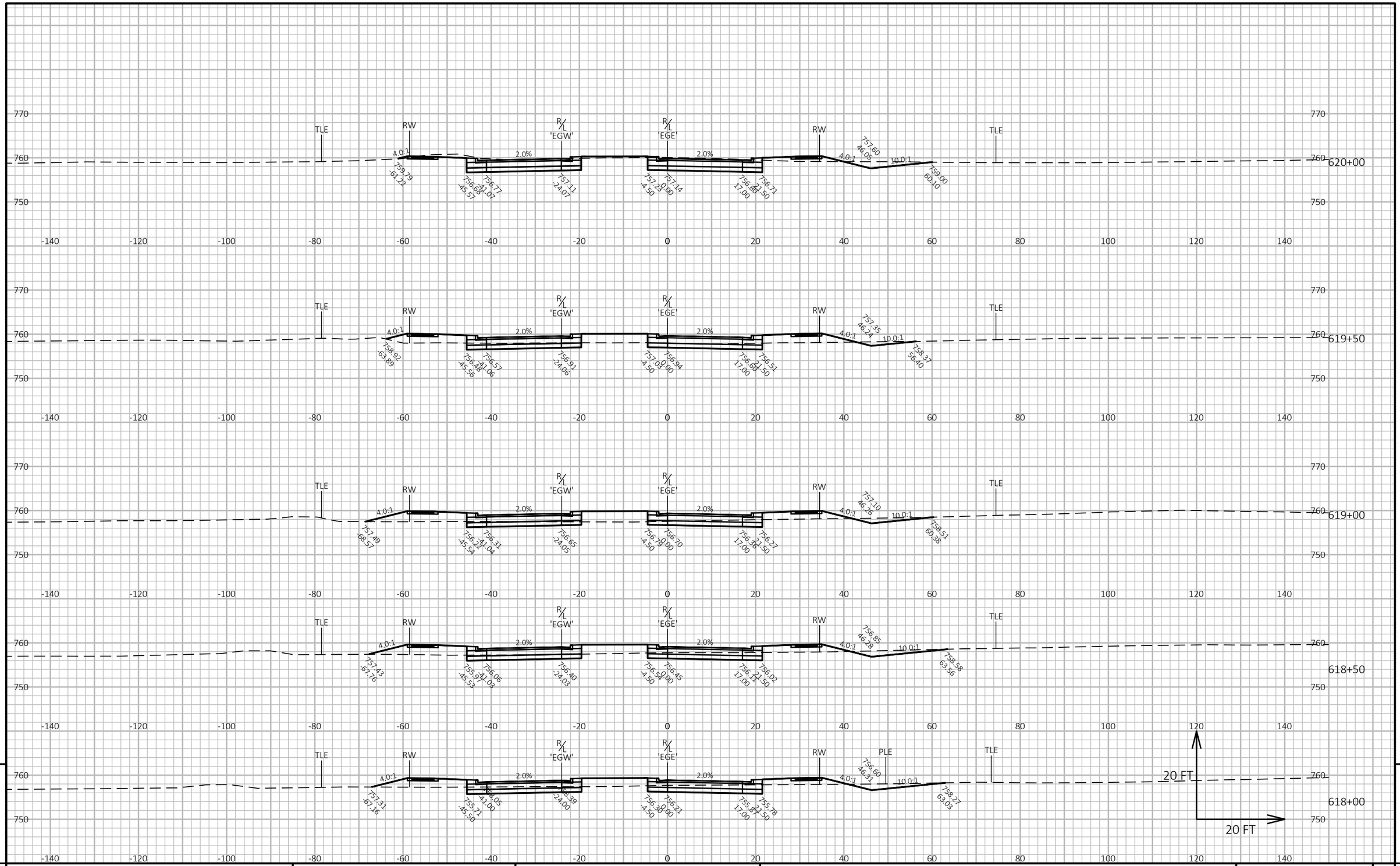
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_771

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE7

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



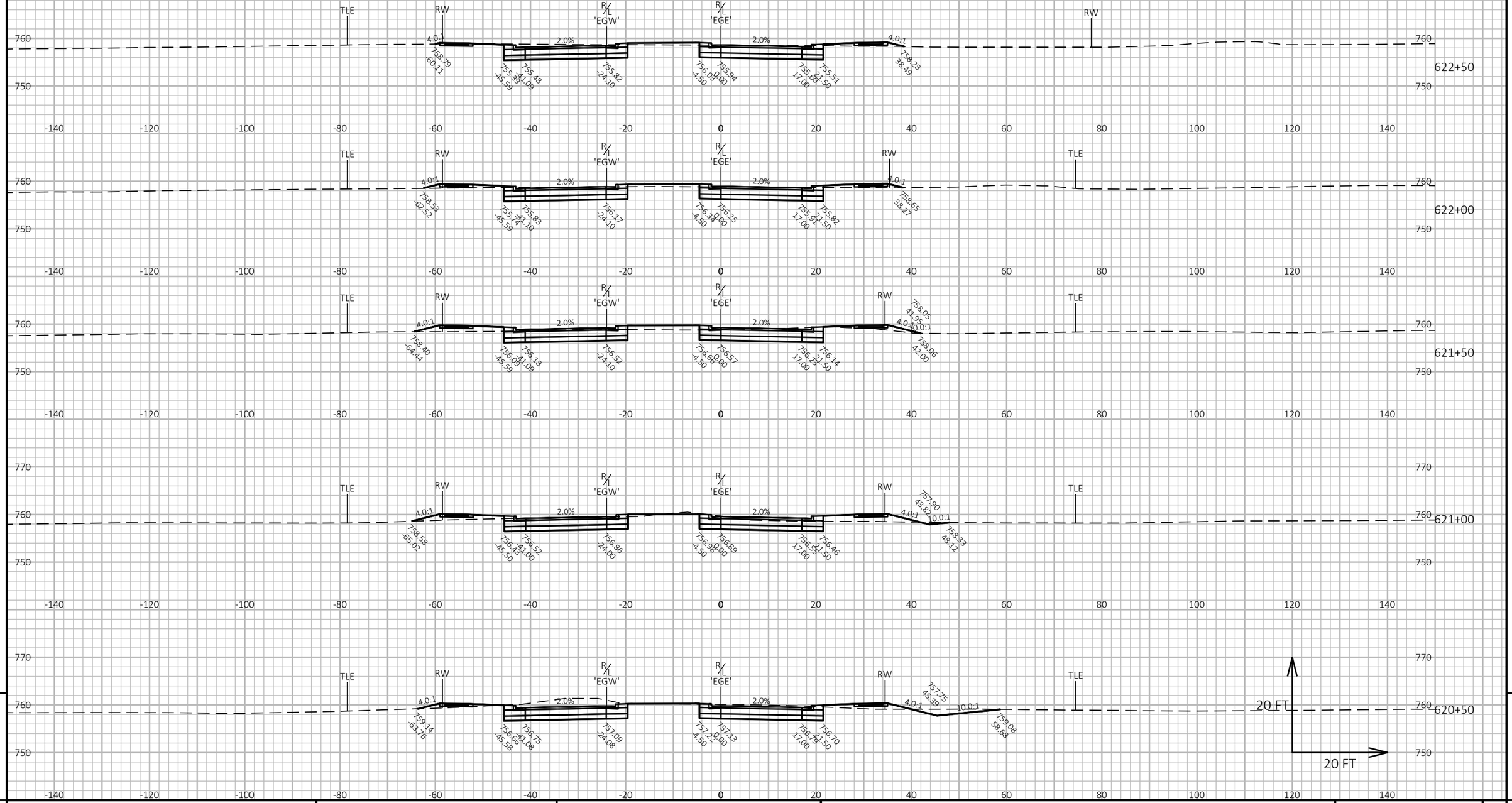
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_772

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE8

PLOT DATE : 1/22/2020 10:22 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

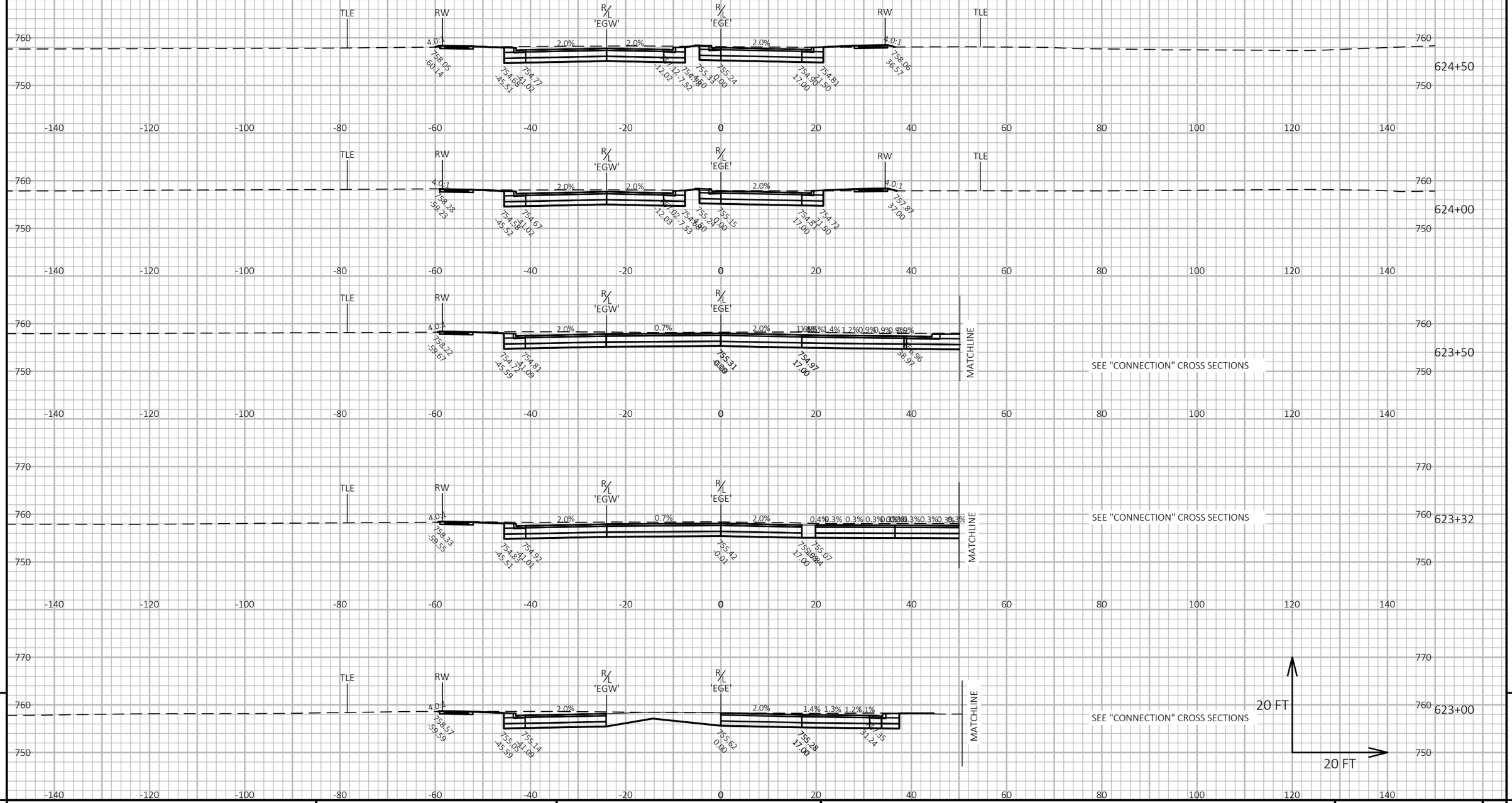
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE9

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_773

WISDOT/CADDS SHEET 49



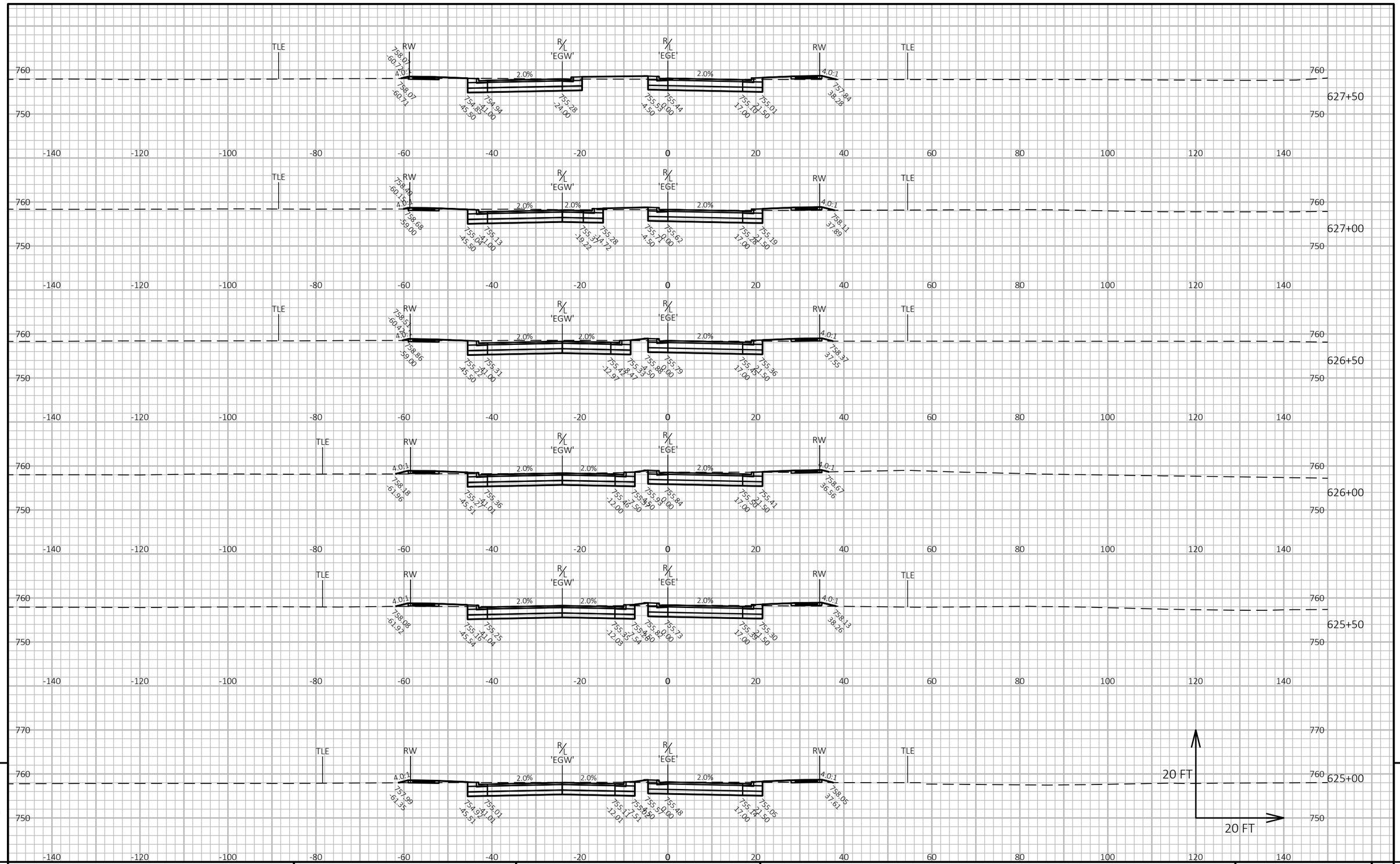
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE10

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_774

WISDOT/CADDS SHEET 49



9

9

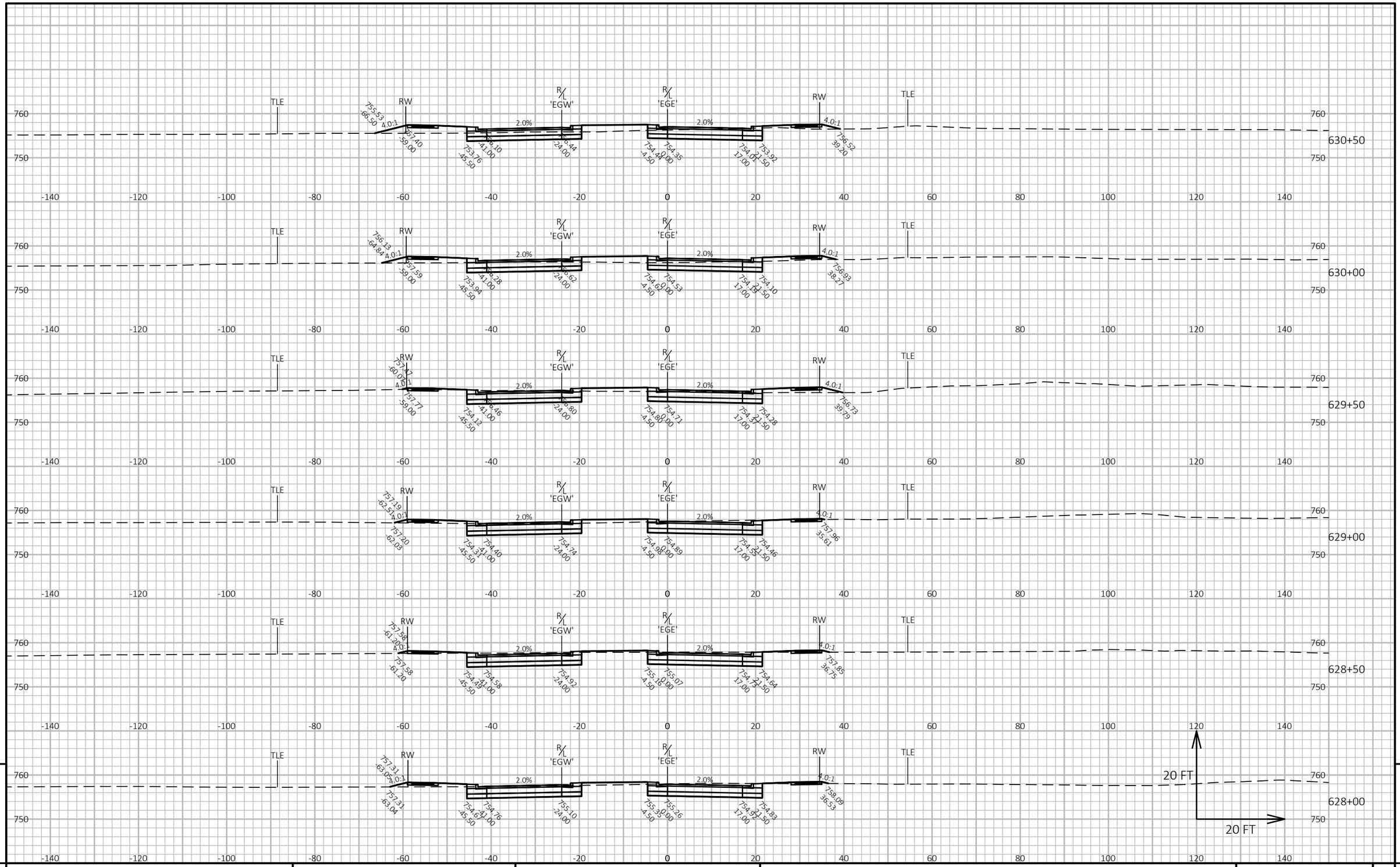
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_775

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE11

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET

PRE_776

E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE12

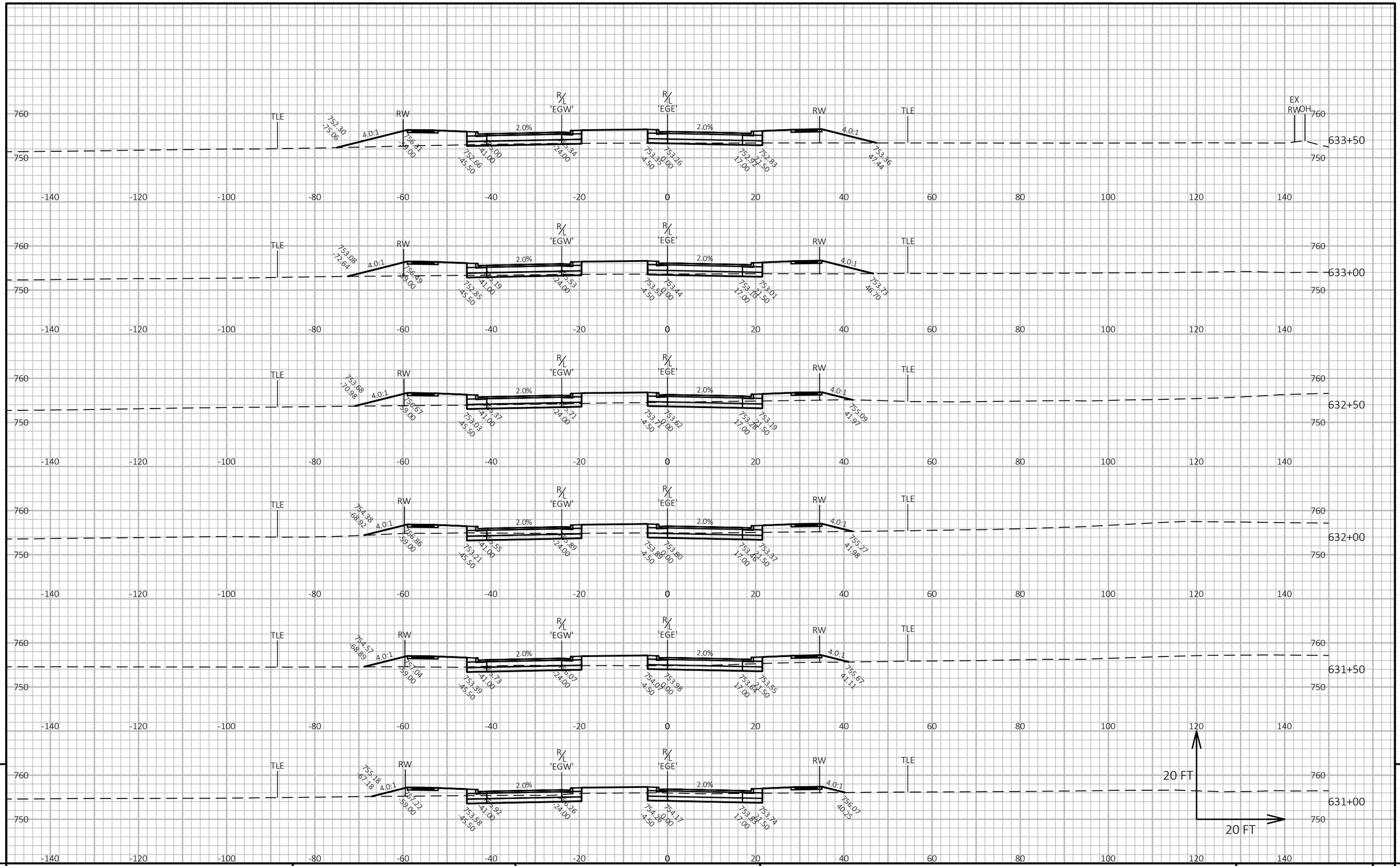
PLOT DATE : 1/22/2020 10:23 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

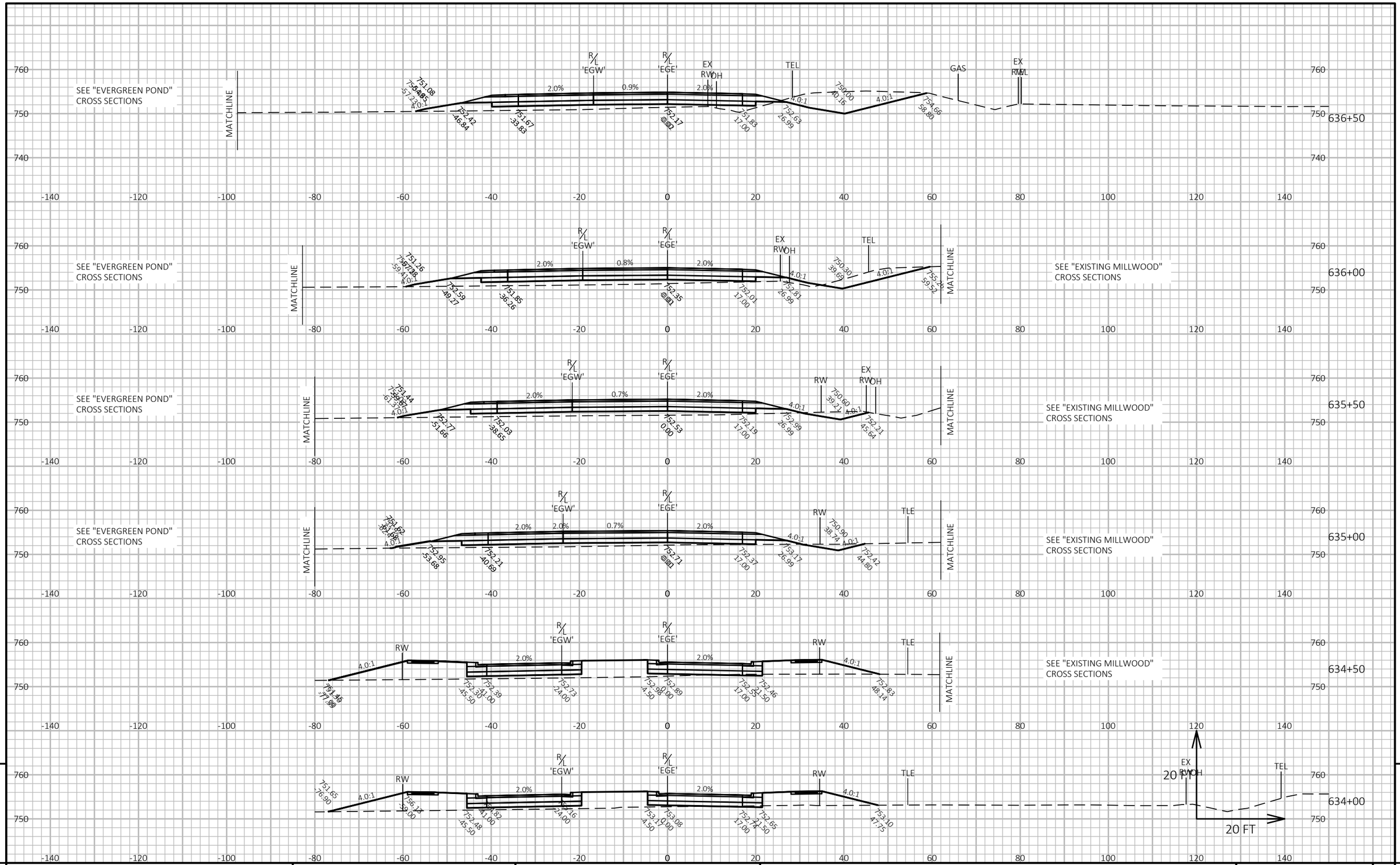
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET PRE_777 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE13

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

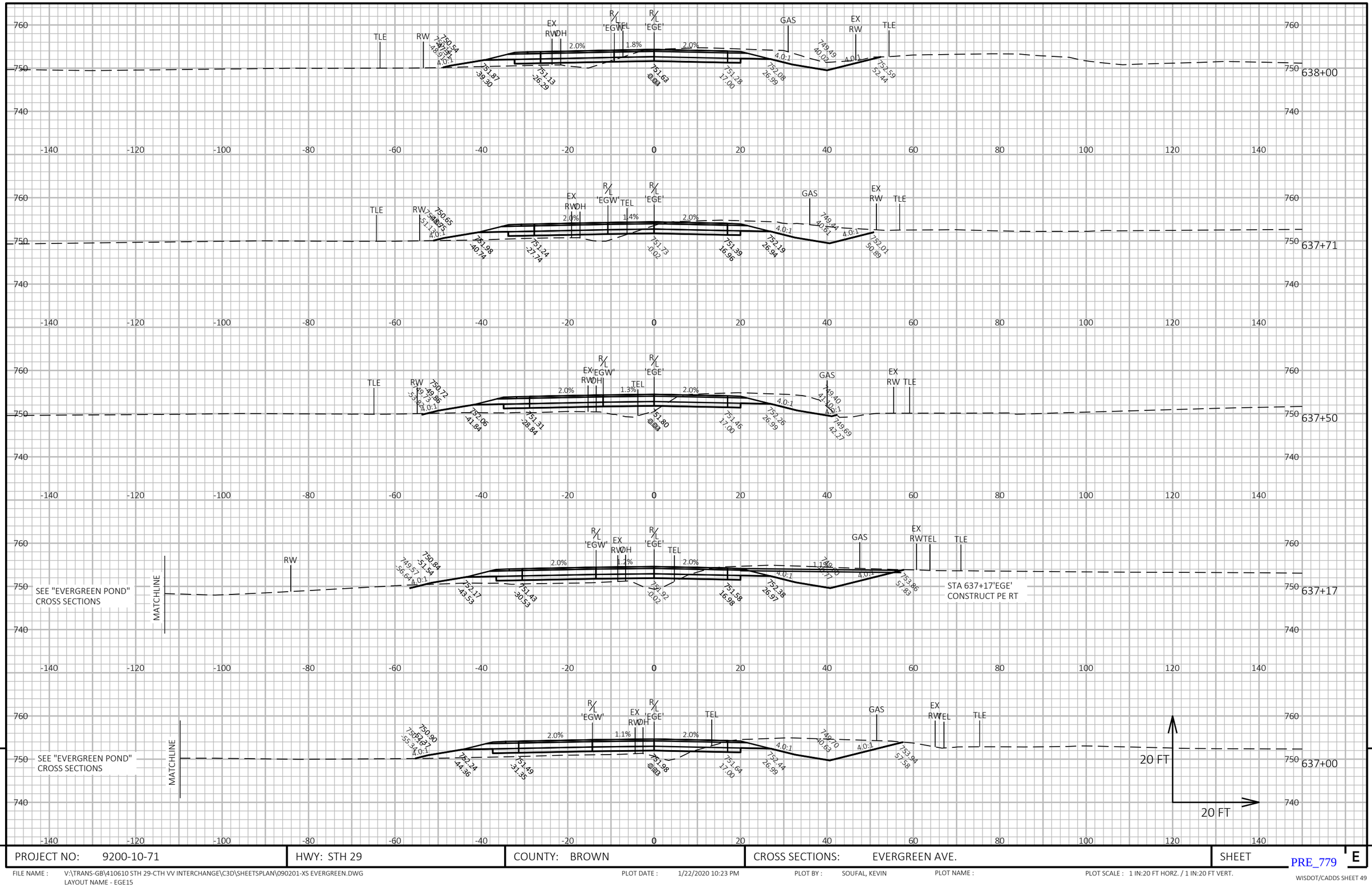
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_778

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE14

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



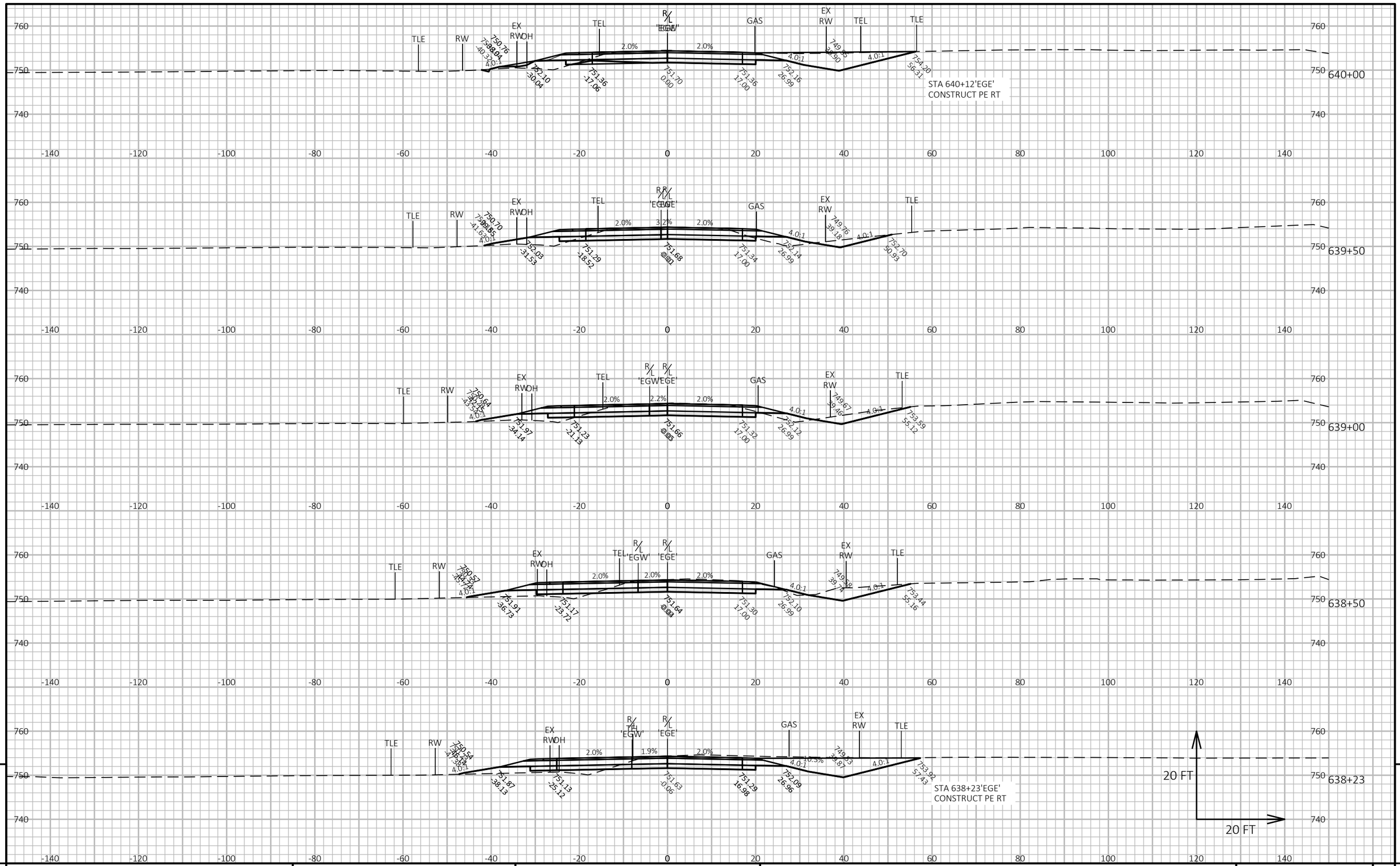
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_779

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE15

PLOT DATE : 1/22/2020 10:23 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_780

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE16

PLOT DATE : 1/22/2020 10:24 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

END CONSTRUCTION



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE.	SHEET E

PRE_781

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGE17

PLOT DATE : 1/22/2020 10:24 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

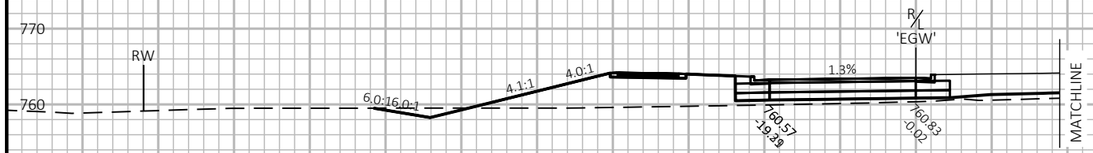
WISDOT/CADDS SHEET 49

MARLEY/EVERGREEN ROUNDABOUT



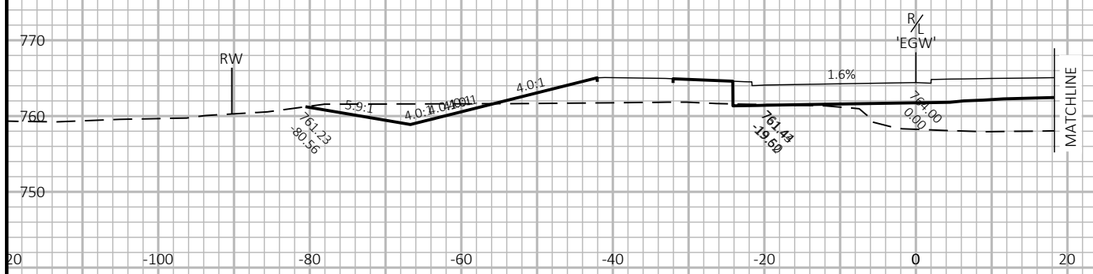
SEE "EVERGREEN" CROSS SECTIONS

600+43



SEE "EVERGREEN" CROSS SECTIONS

600+14



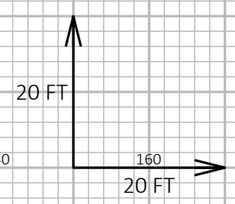
SEE "EVERGREEN" CROSS SECTIONS

598+42



SEE "EVERGREEN" CROSS SECTIONS

598+01



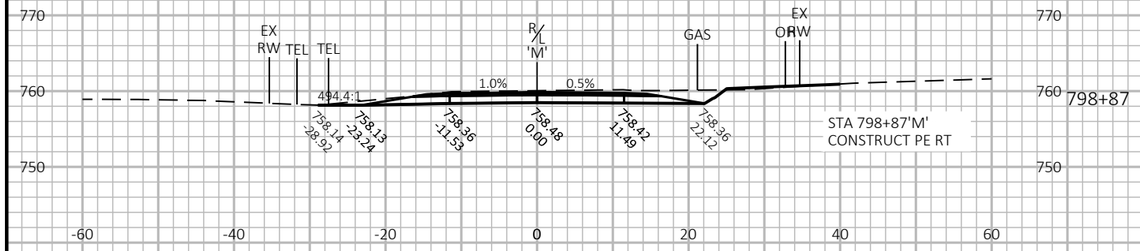
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. WESTBOUND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - EGW1

PLOT DATE : 1/22/2020 10:24 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

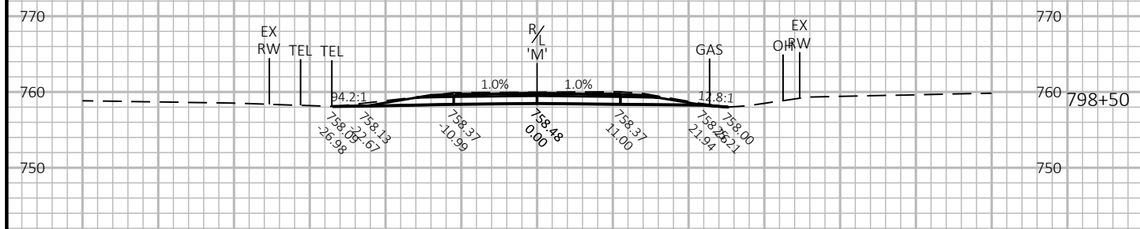
PRE_782

WISDOT/CADDS SHEET 49



798+87

STA 798+87'M'
CONSTRUCT PE RT

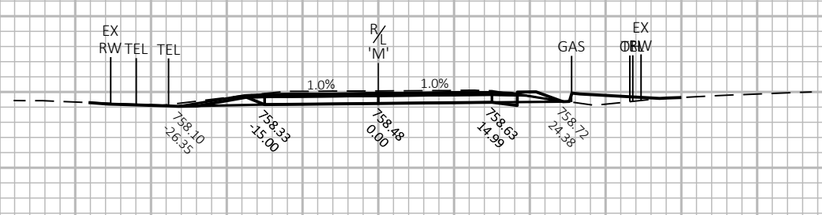


798+50

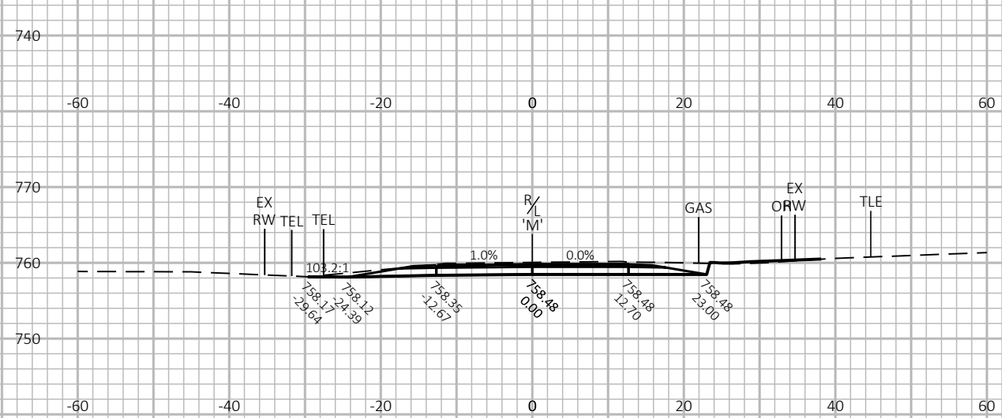
798+25

BEGIN CONSTRUCTION

MARLEY ROAD



799+35



799+00

20 FT

20 FT

9

9

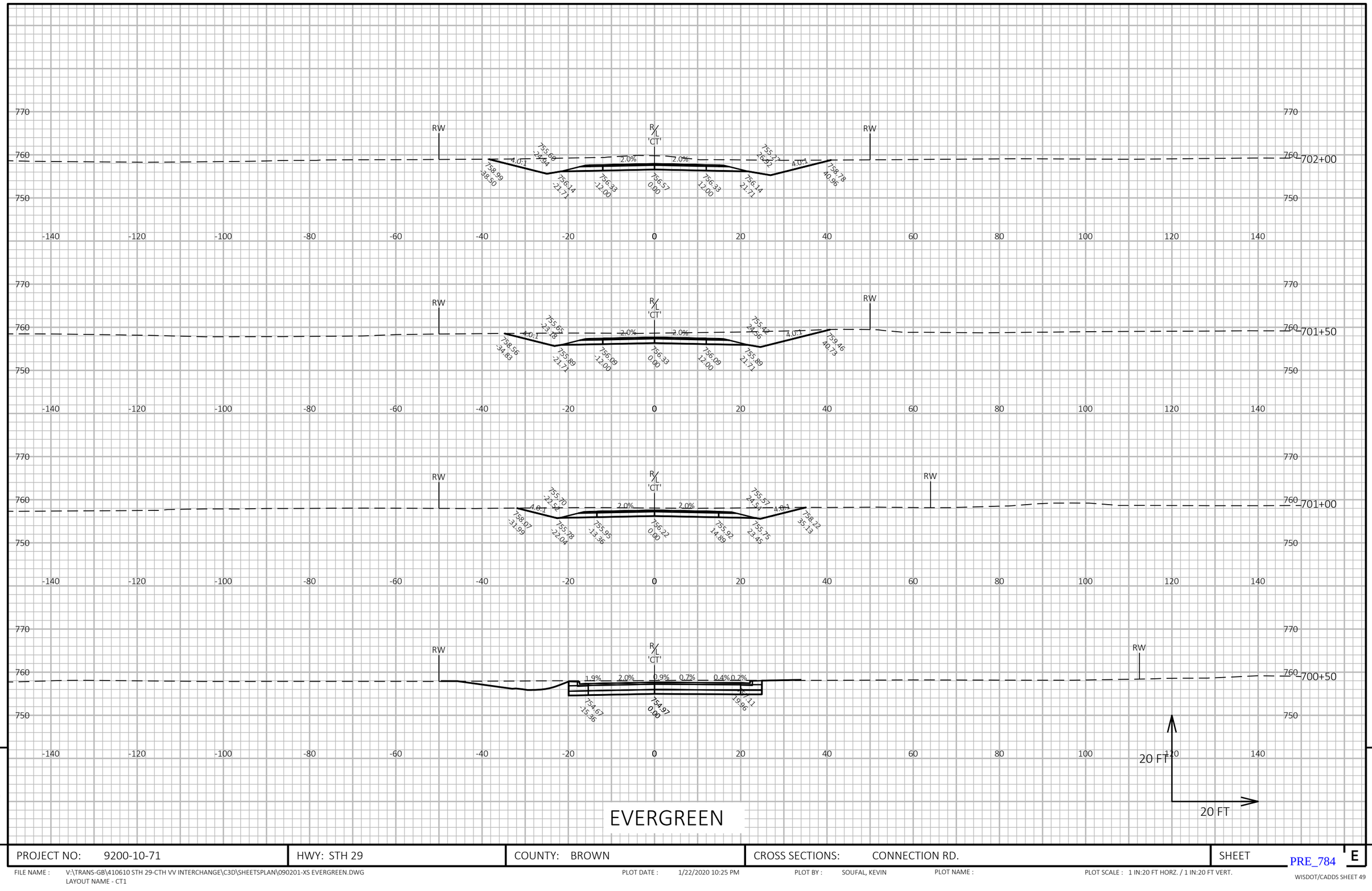
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: MILLWOOD CT.	SHEET E

PRE_783

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS MARLEY-NORTH.DWG
LAYOUT NAME - MILWOOD1

PLOT DATE : 1/22/2020 10:24 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

EVERGREEN

9

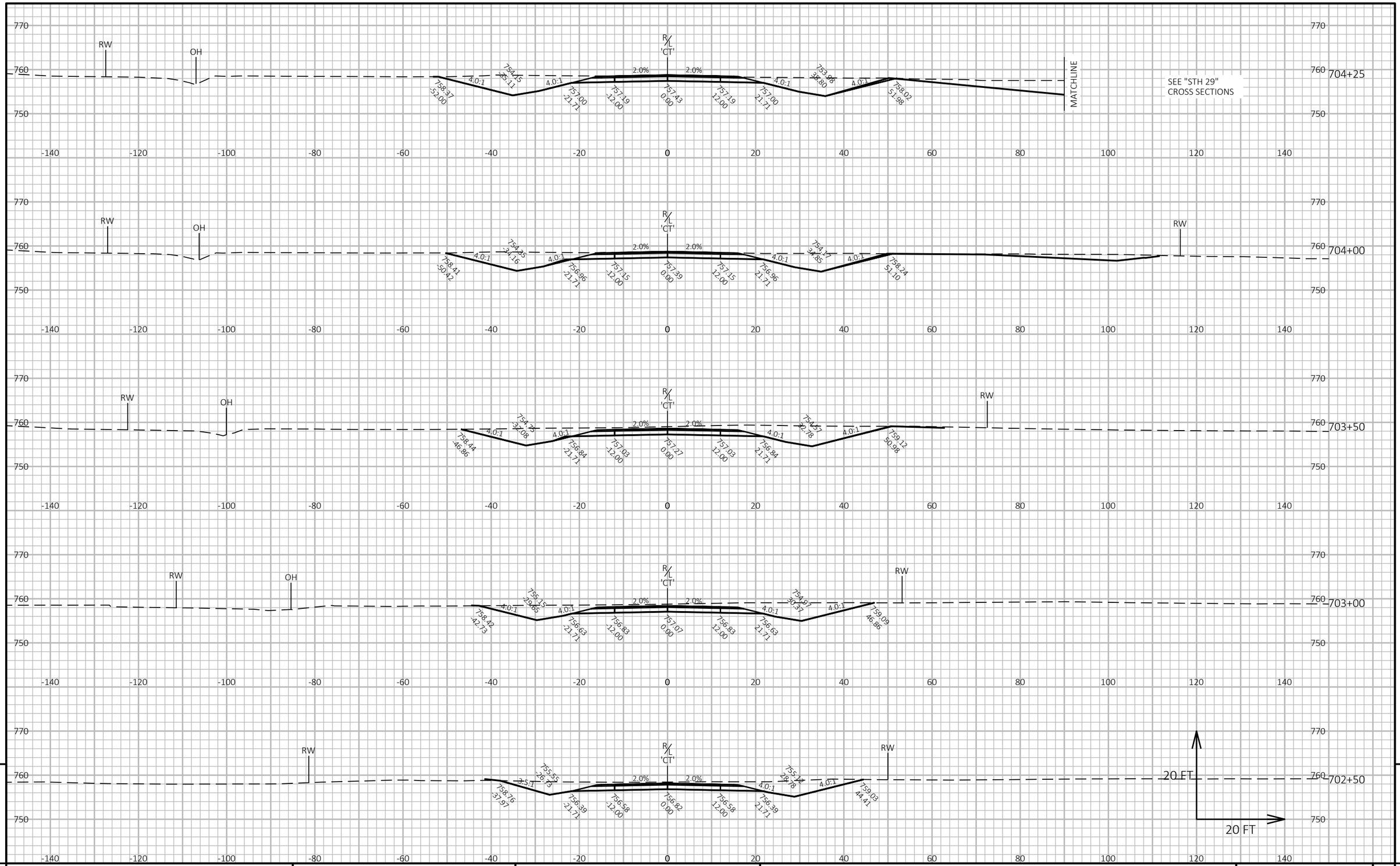
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CONNECTION RD.	SHEET E

PRE_784

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - CT1

PLOT DATE : 1/22/2020 10:25 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

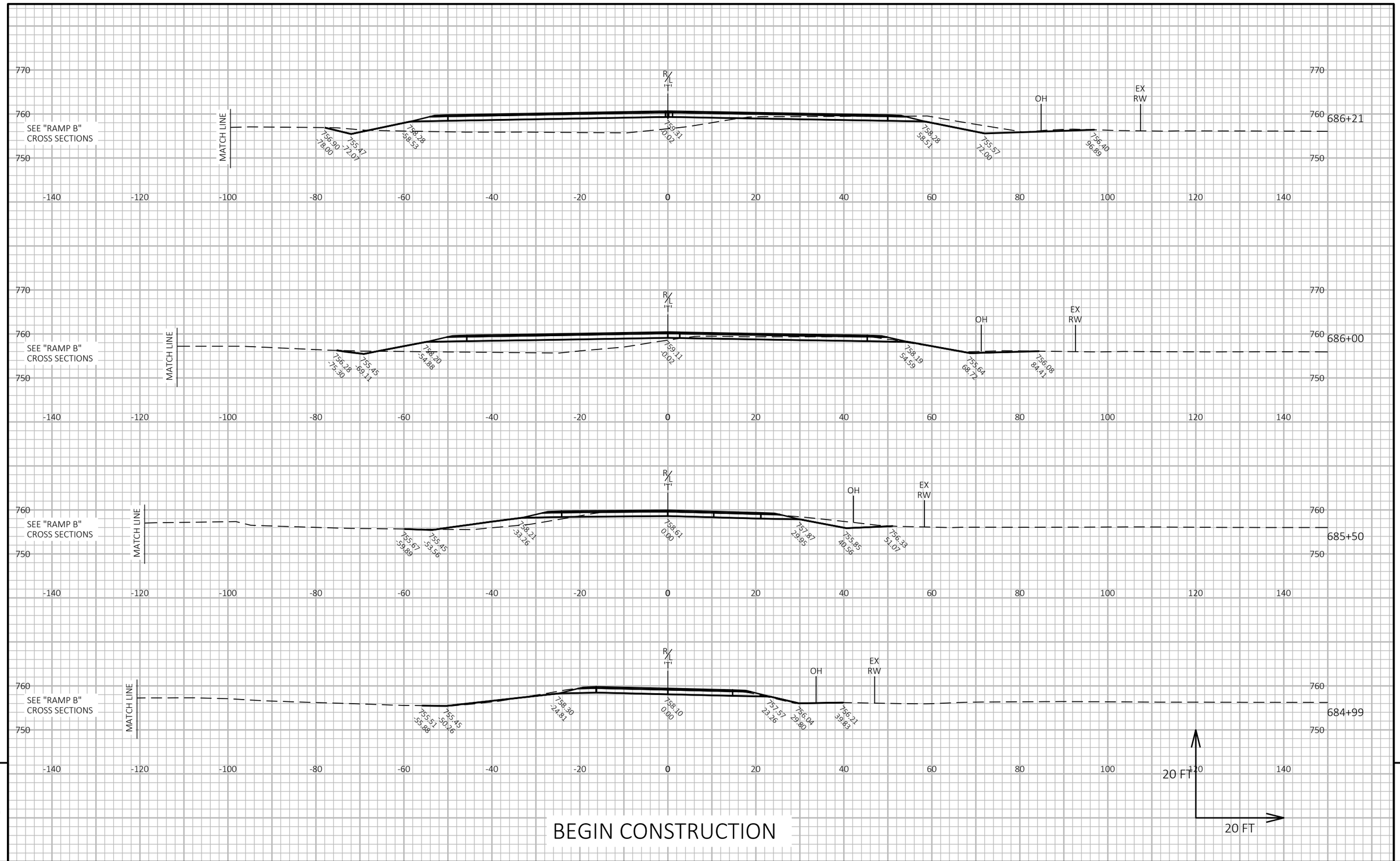
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CONNECTION RD.	SHEET E

PRE_785

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EVERGREEN.DWG
LAYOUT NAME - CT2

PLOT DATE : 1/22/2020 10:26 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

BEGIN CONSTRUCTION

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: TRIANGLE DR.	SHEET E

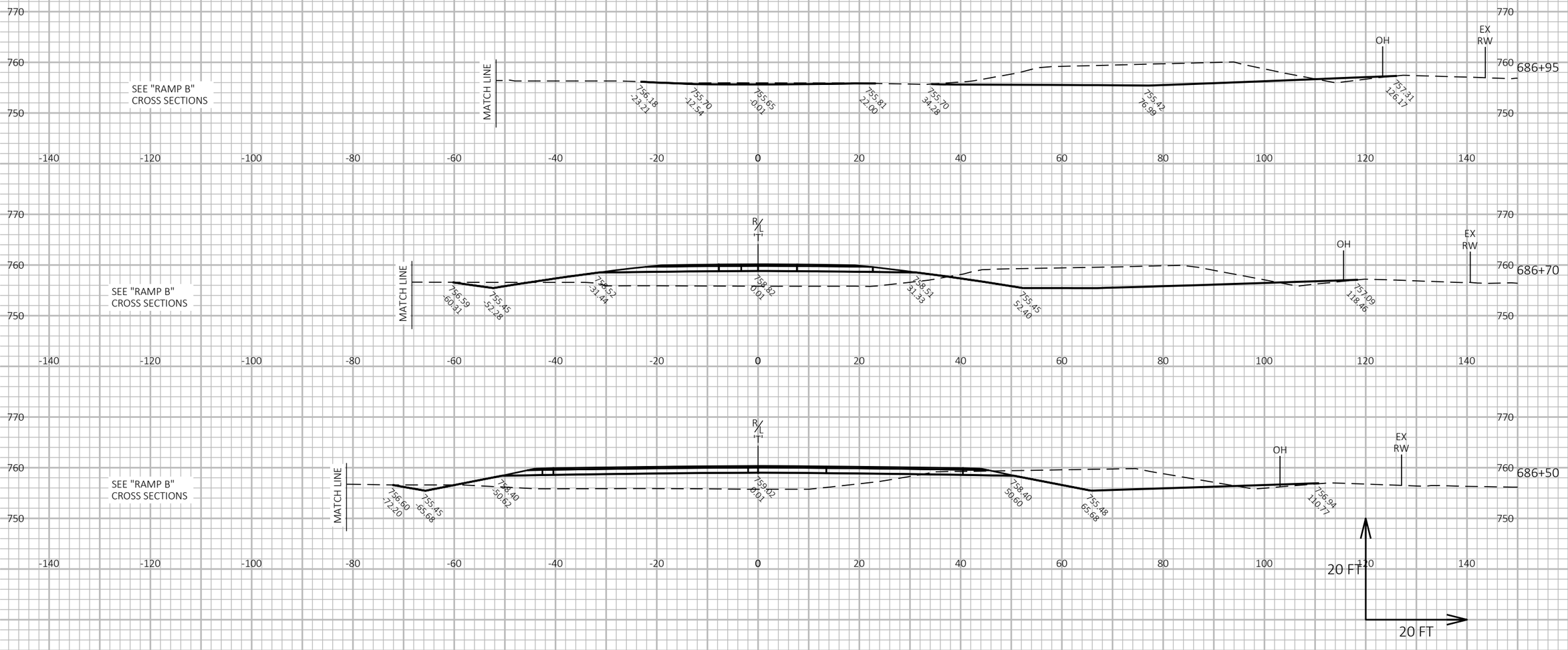
PRE_786

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - T1

PLOT DATE : 1/22/2020 10:26 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

EXISTING TRIANGLE DR.



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: TRIANGLE DR.	SHEET PRE_787 E

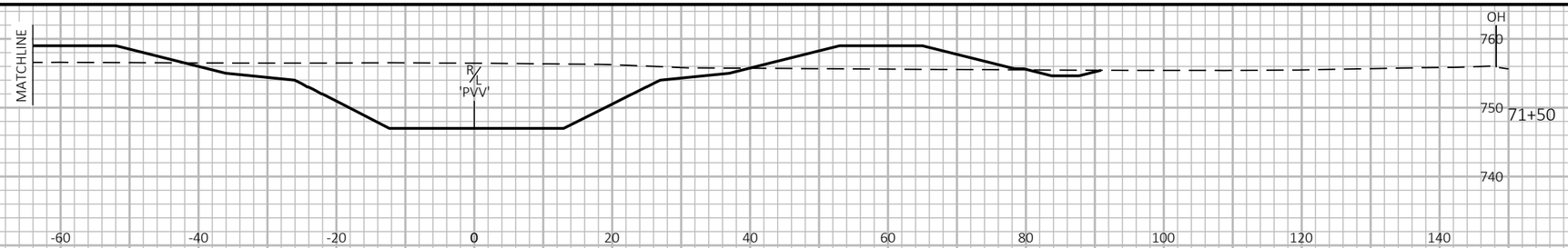
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS CTH TS.DWG
LAYOUT NAME - T2

PLOT DATE : 1/22/2020 10:26 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

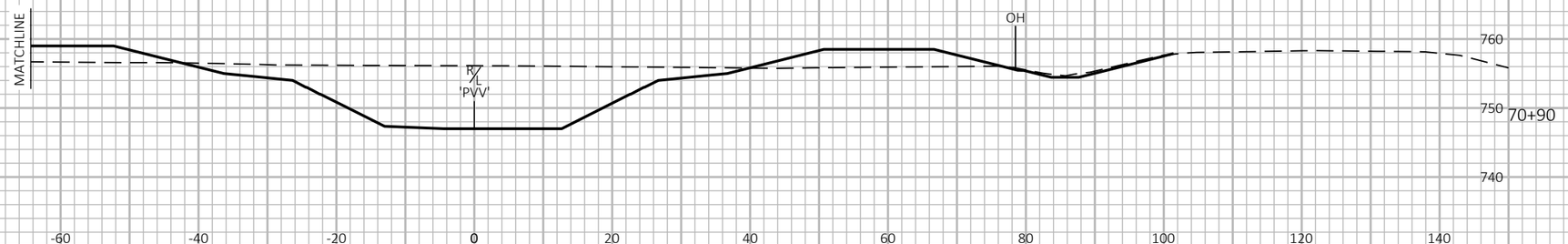
WISDOT/CADDS SHEET 49

9 9

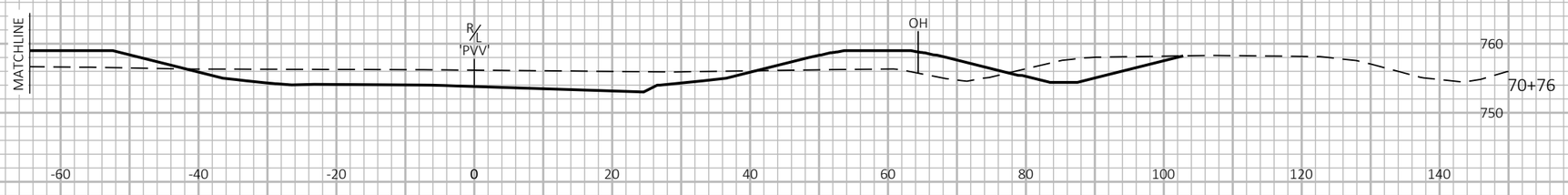
SEE "CTH VV" CROSS SECTIONS



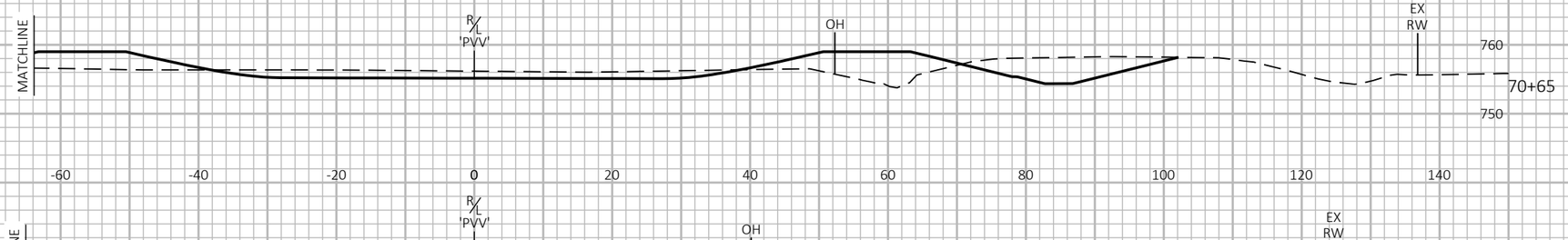
SEE "CTH VV" CROSS SECTIONS



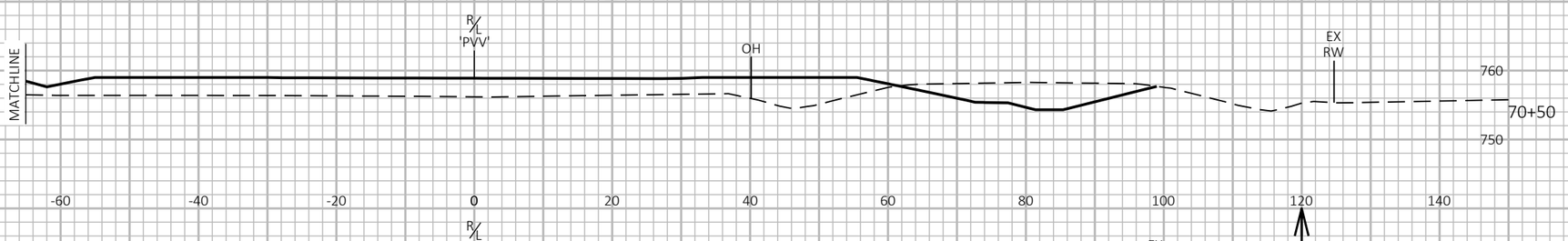
SEE "CTH VV" CROSS SECTIONS



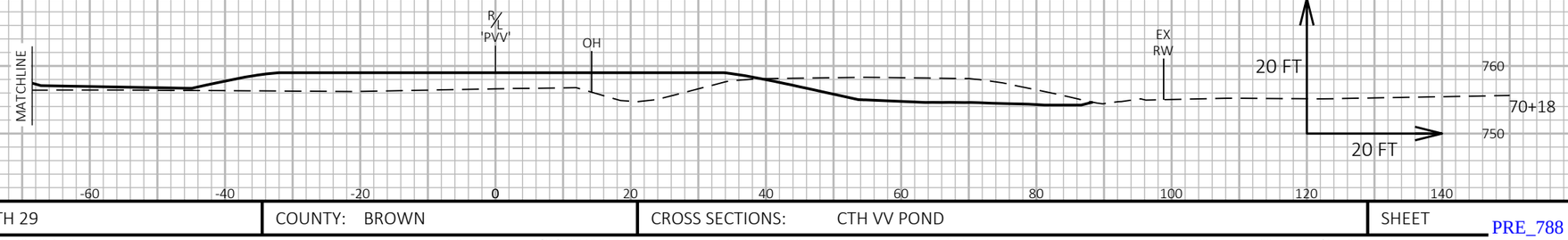
SEE "CTH VV" CROSS SECTIONS



SEE "CTH VV" CROSS SECTIONS



SEE "CTH VV" CROSS SECTIONS



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV POND	SHEET E

PRE_788

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PVV1

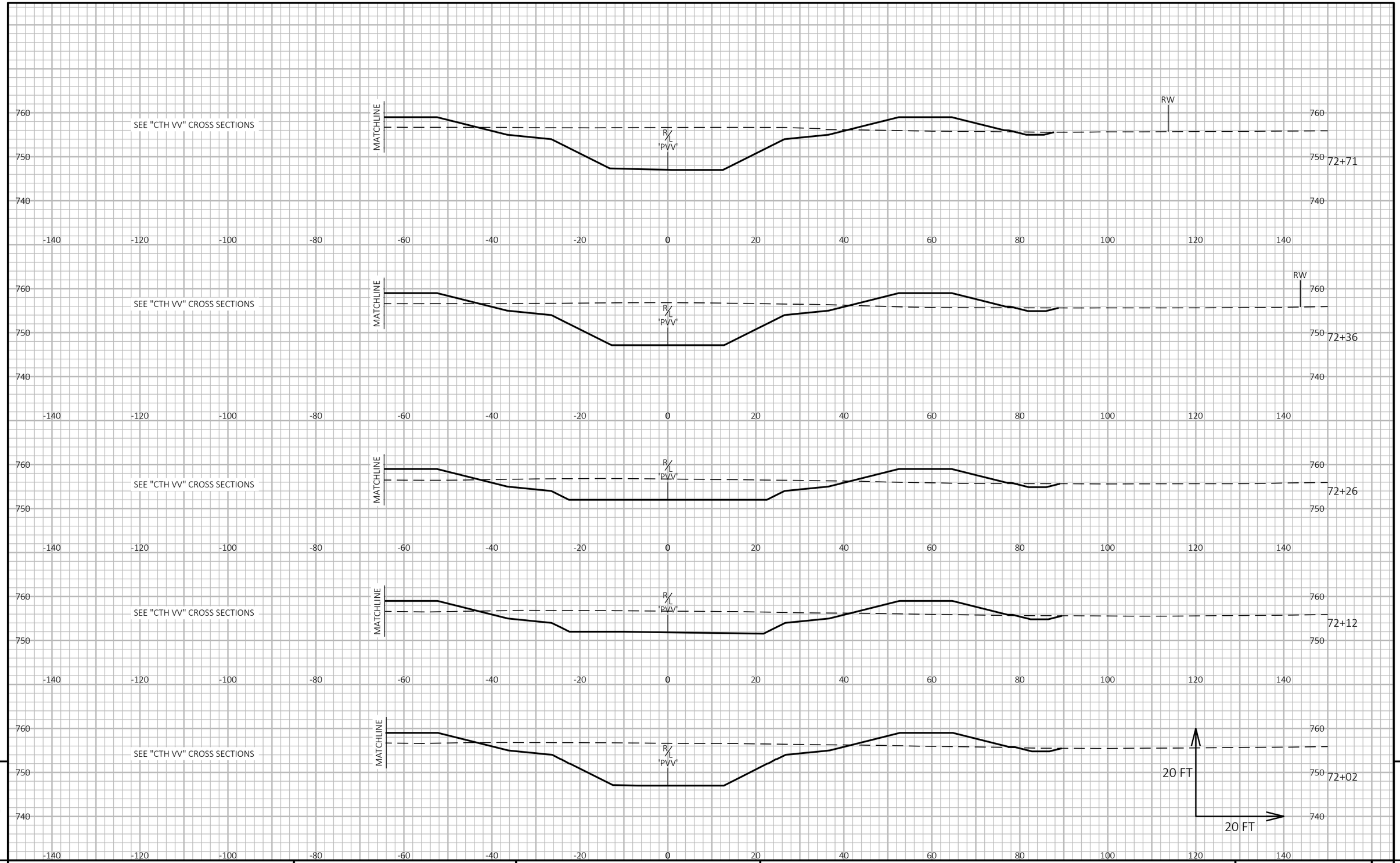
PLOT DATE : 1/22/2020 10:27 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

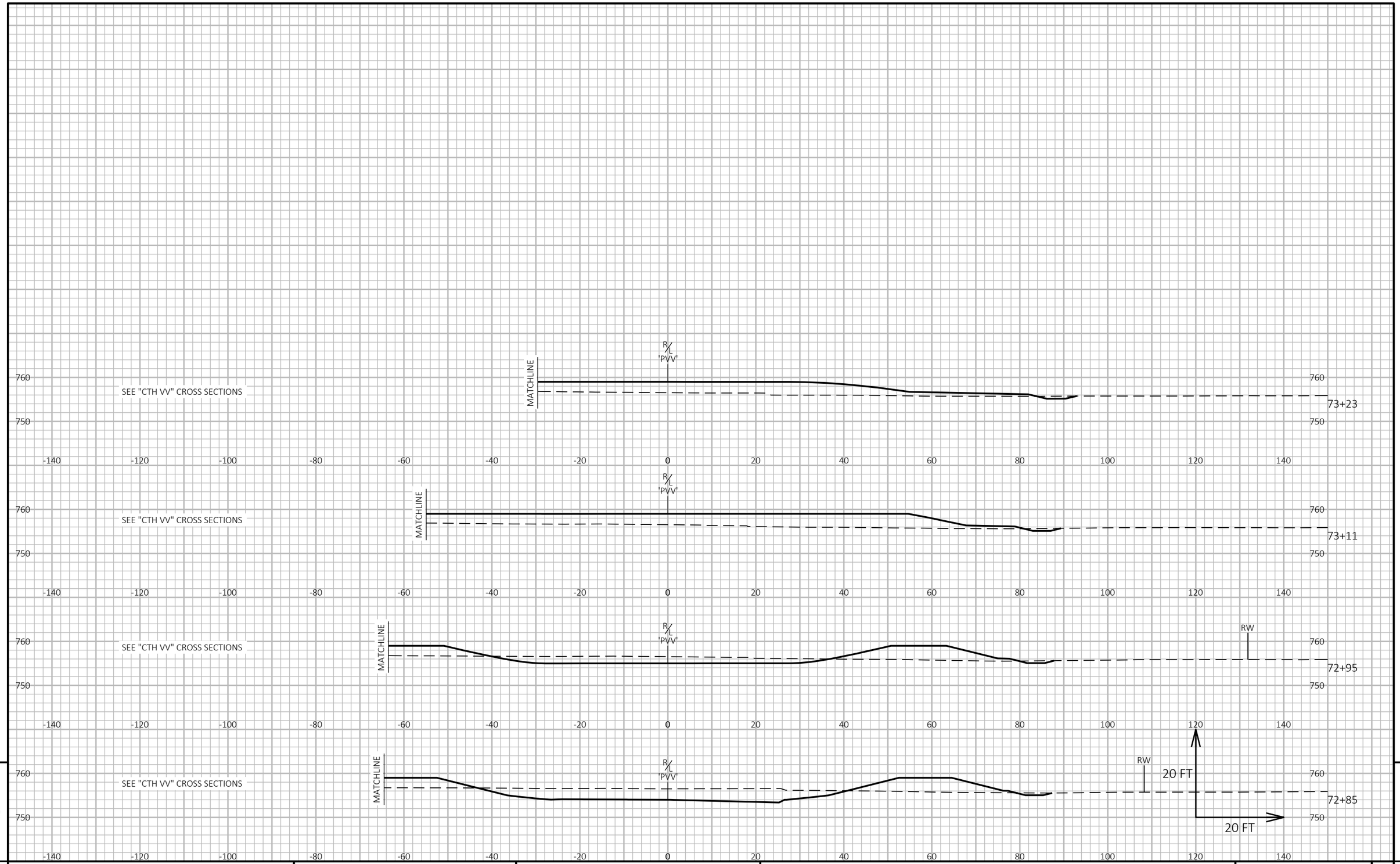
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV POND	SHEET E

PRE_789

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PVV2

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH VV POND	SHEET E

PRE_790

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PVV3

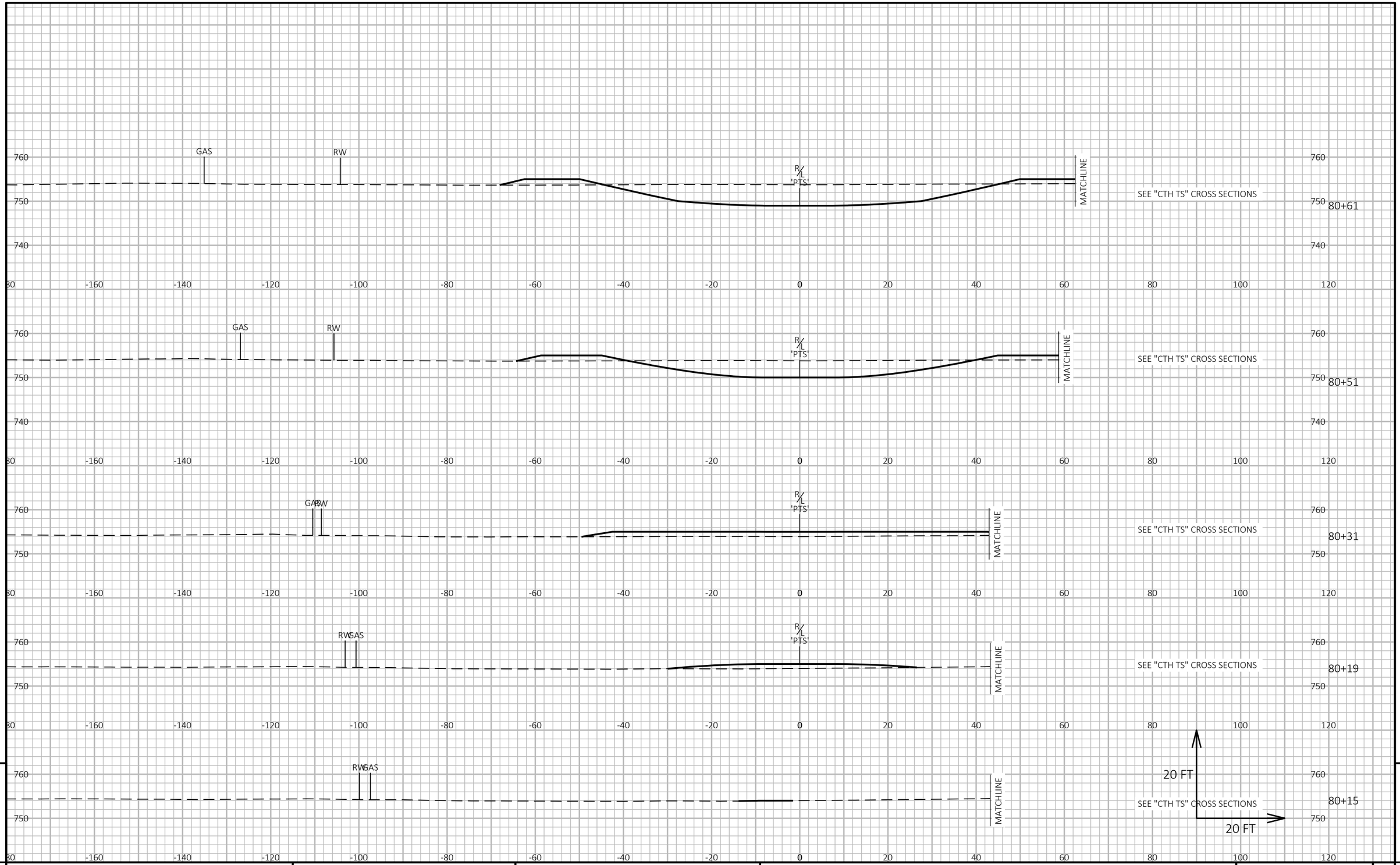
PLOT DATE : 1/22/2020 10:27 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

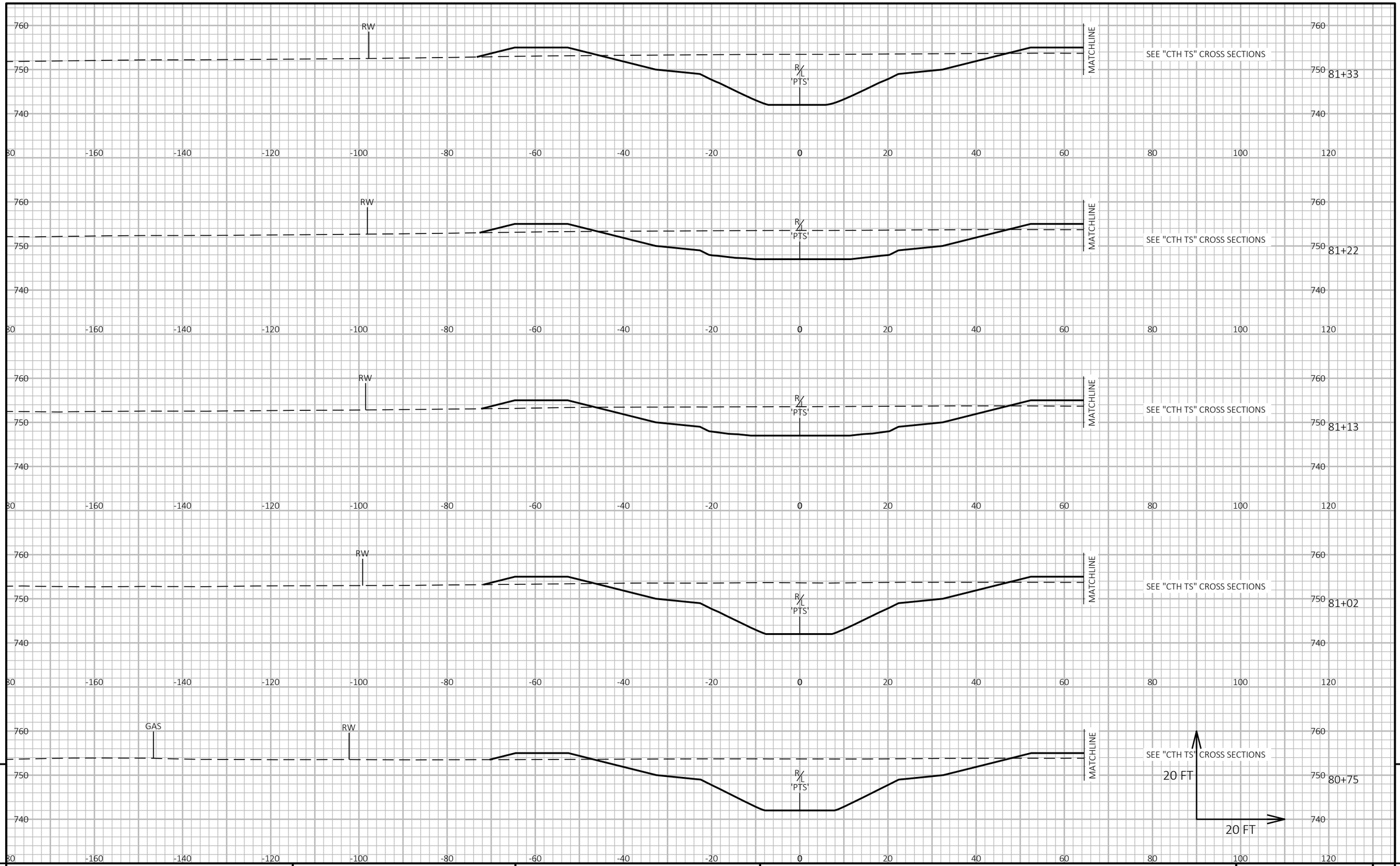
9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS POND	SHEET PRE_791 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PTS1

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

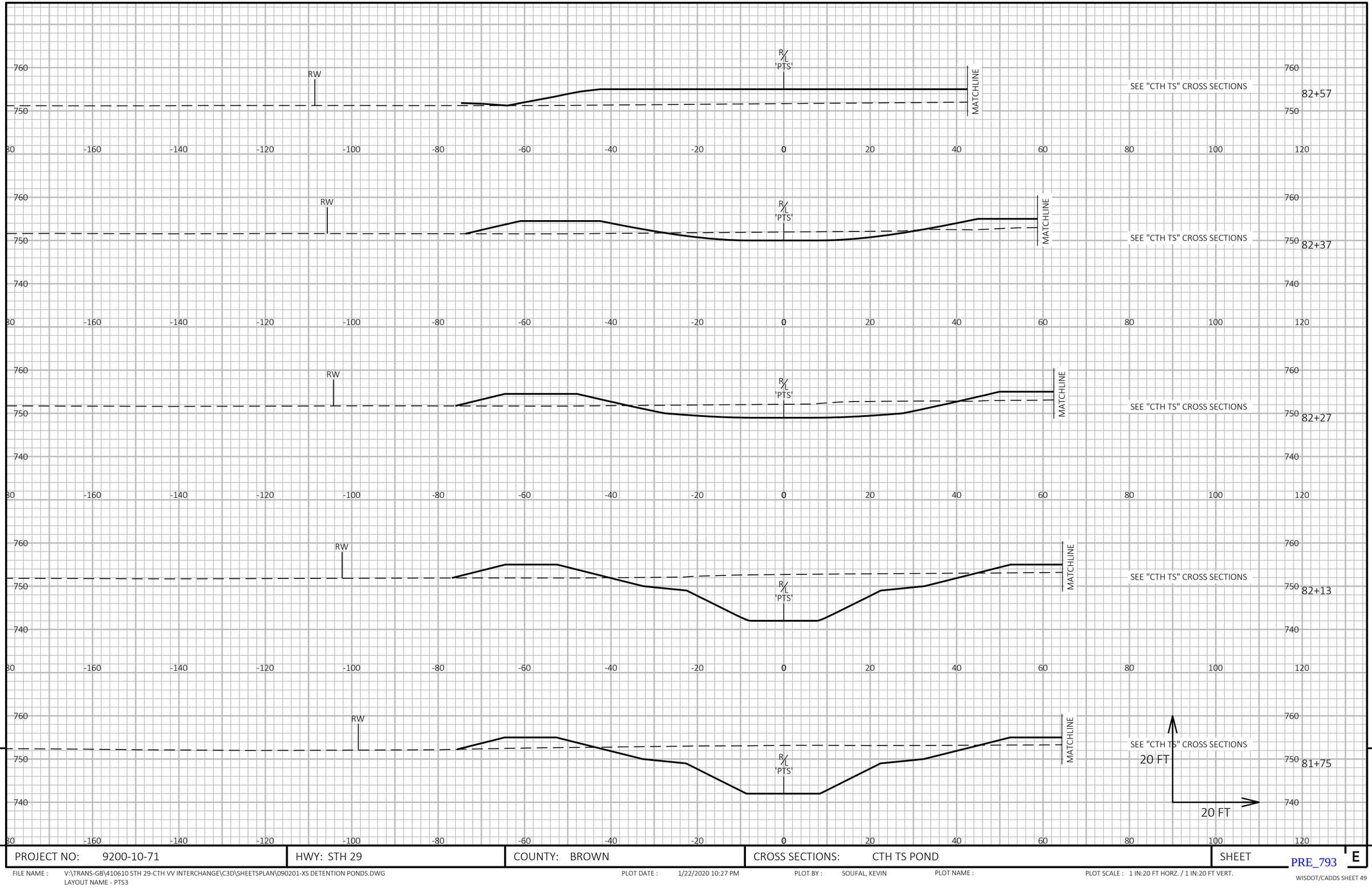
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS POND	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PTS2

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_792

WISDOT/CADDS SHEET 49



9

9

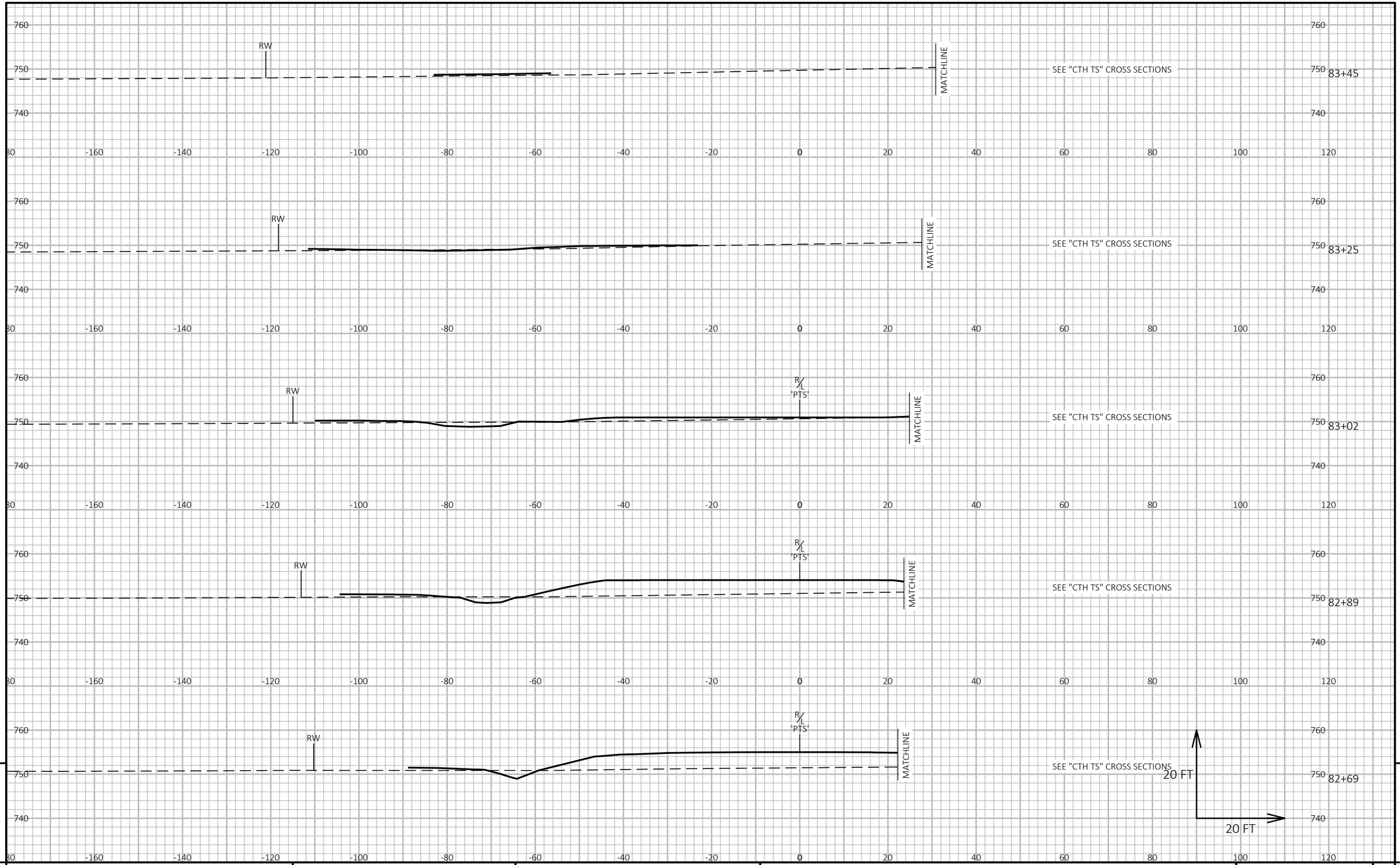
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS POND	SHEET E

PRE_793

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PTS3

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

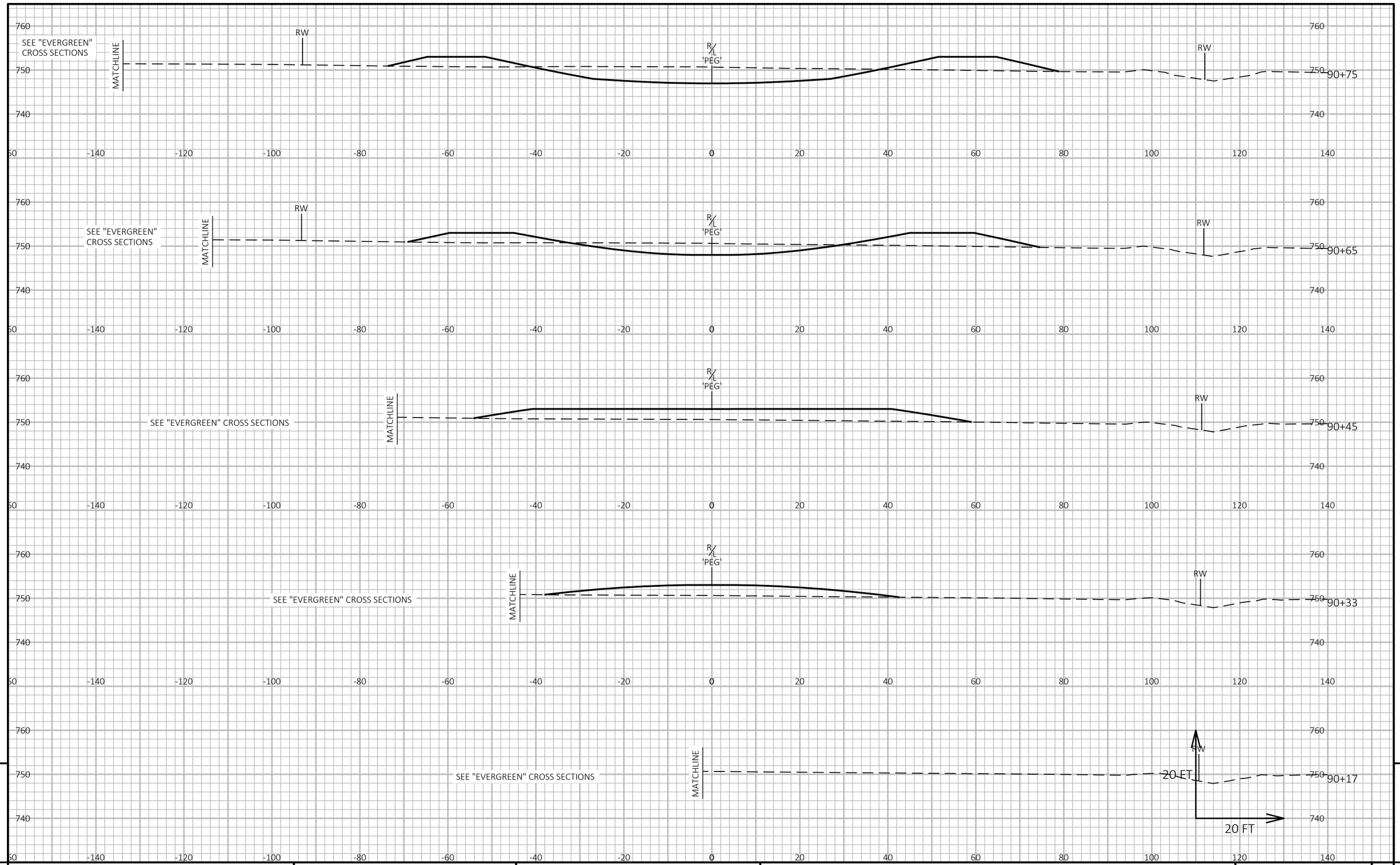
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: CTH TS POND	SHEET E

PRE_794

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PTS4

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

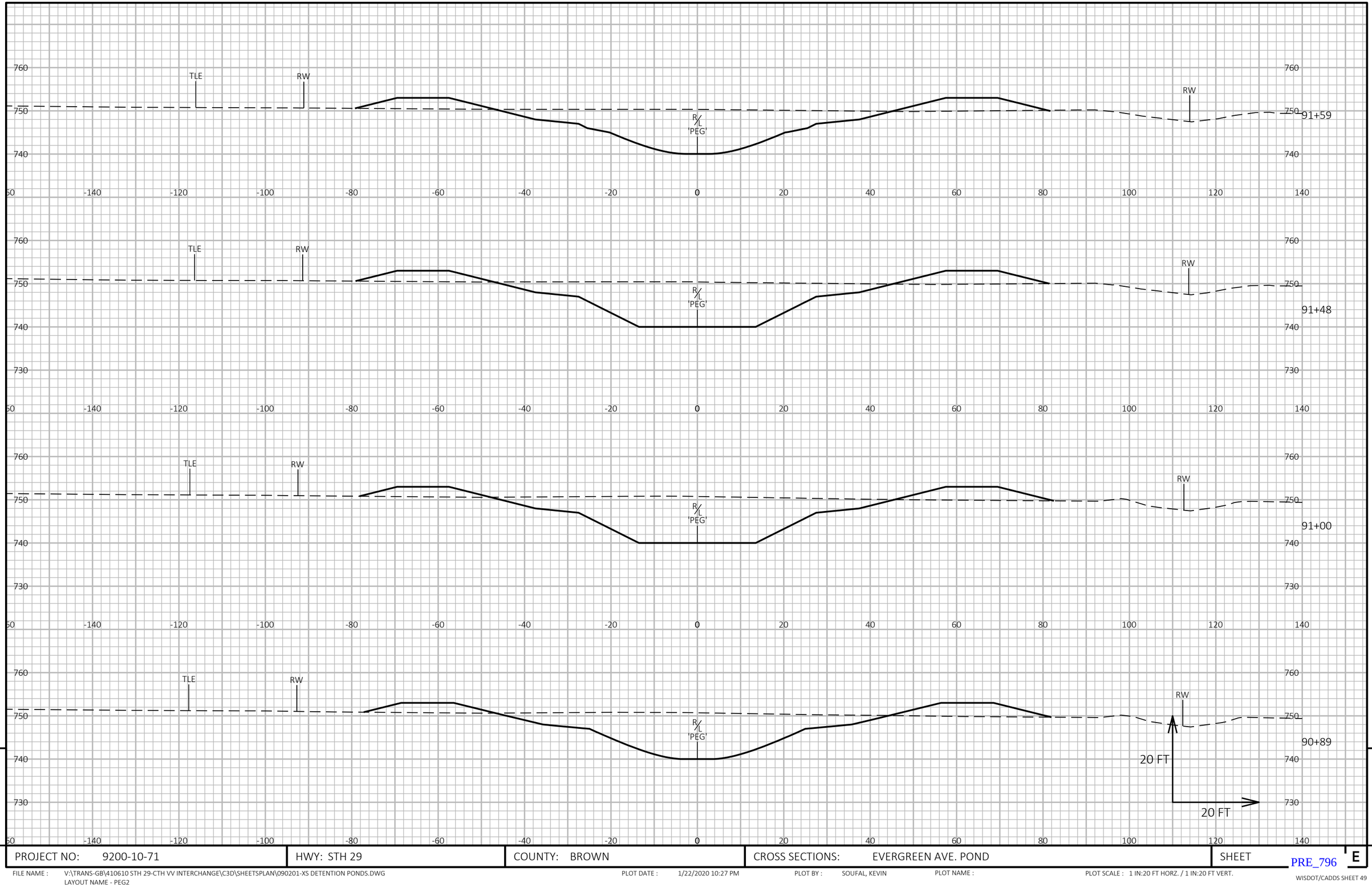
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

PRE_795

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG1

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

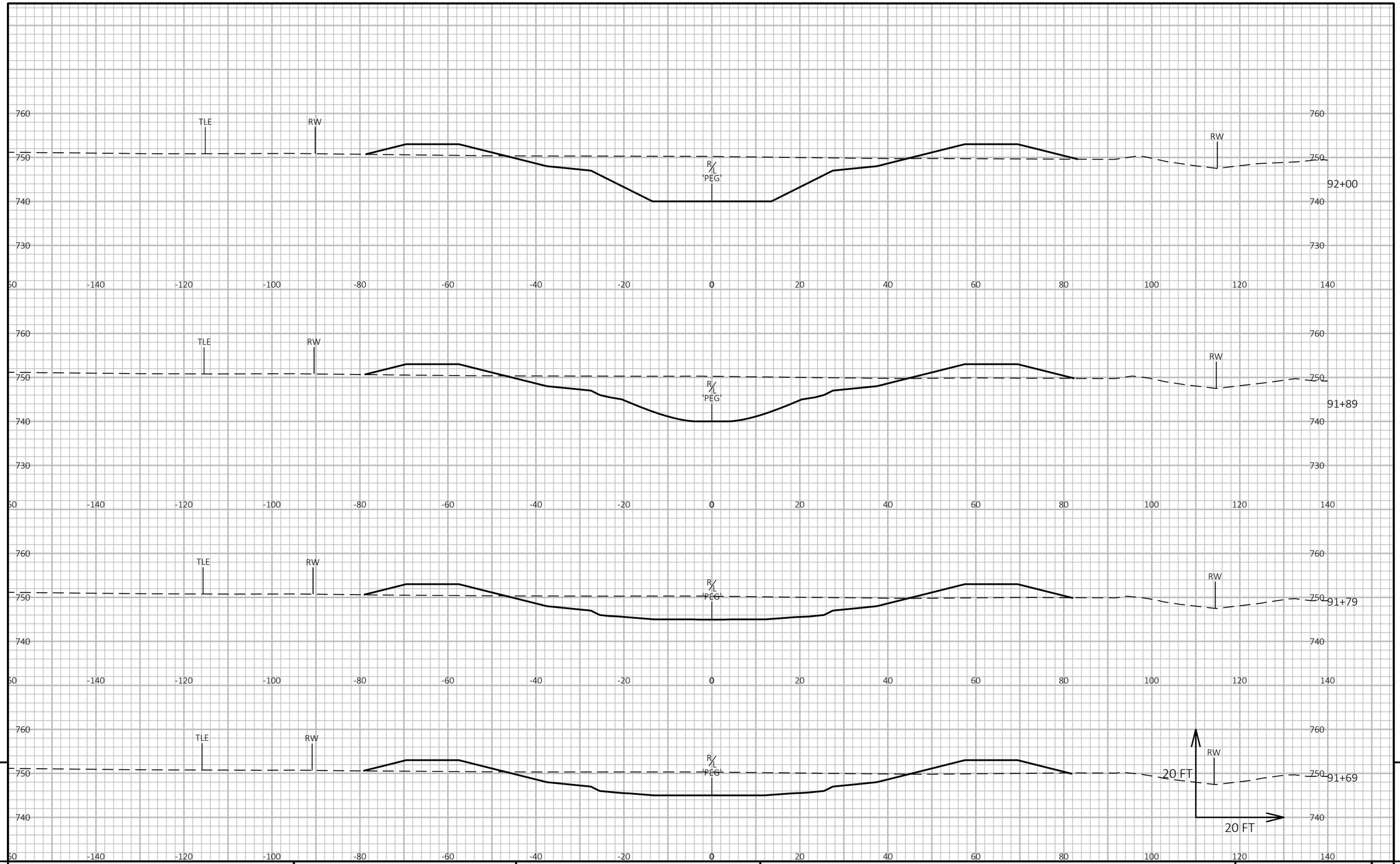
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

PRE_796

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG2

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

PRE_797

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG3

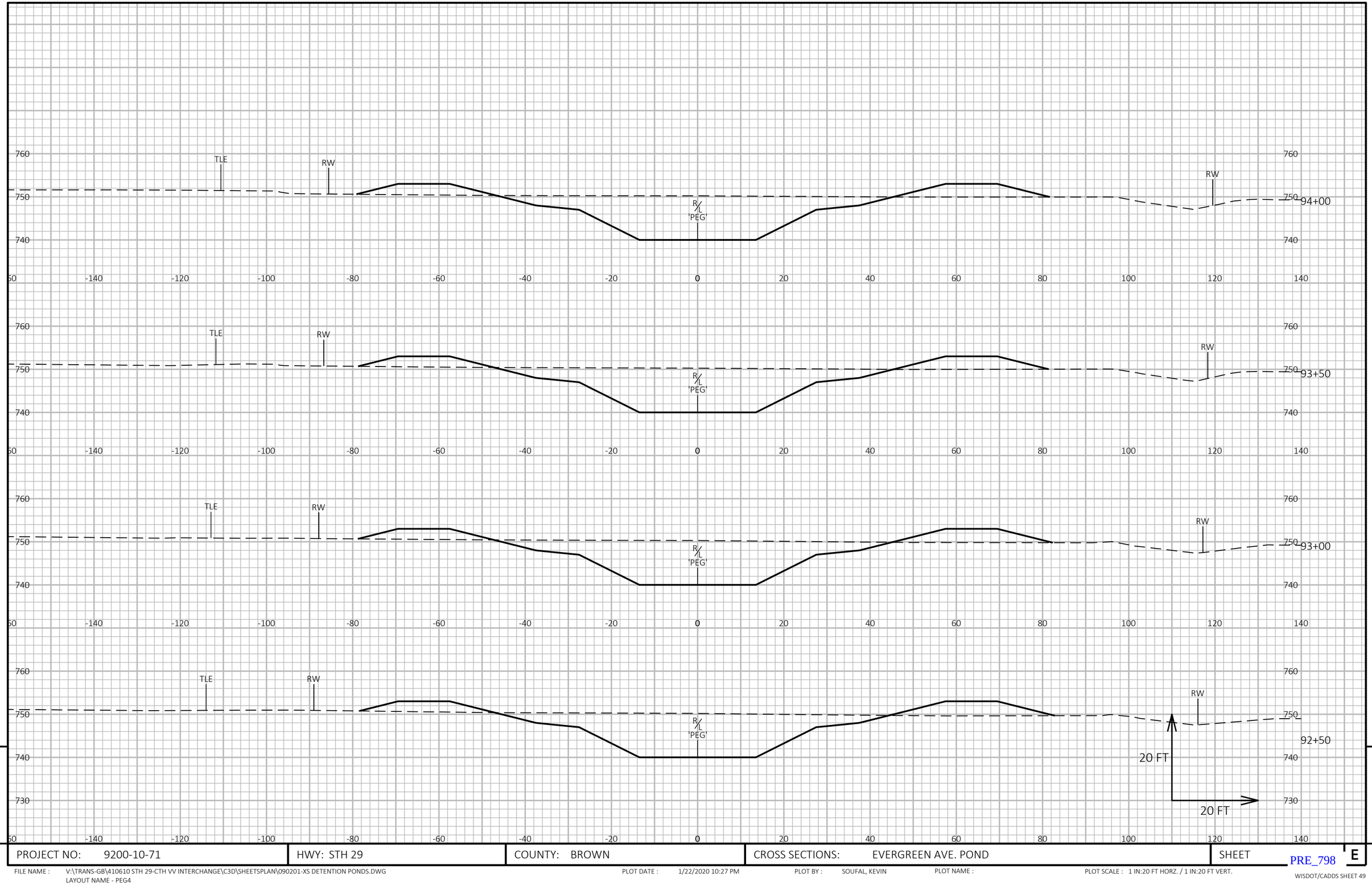
PLOT DATE : 1/22/2020 10:27 PM

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET PRE_798 E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG4

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9

9

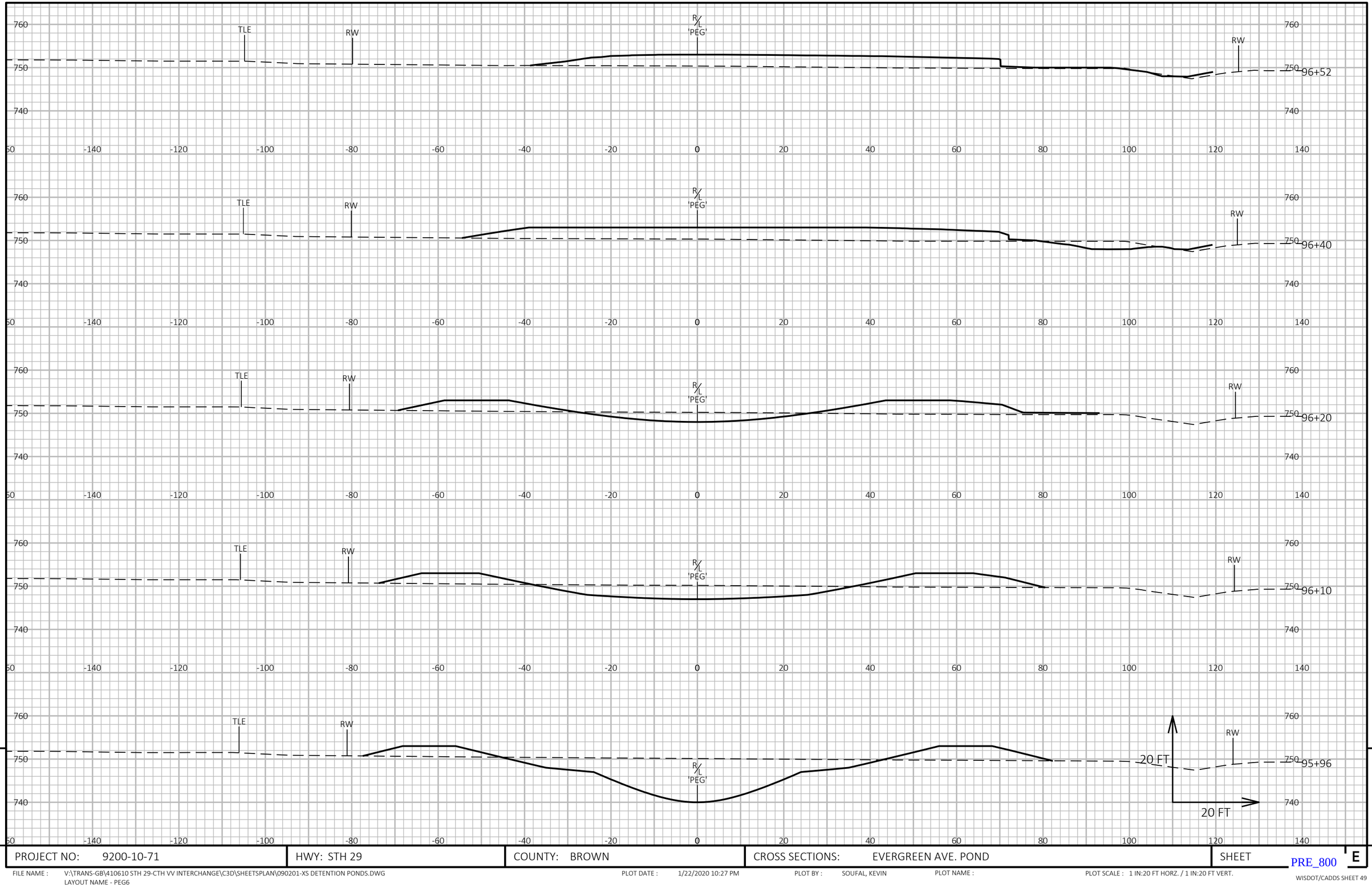
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

PRE_799

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG5

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

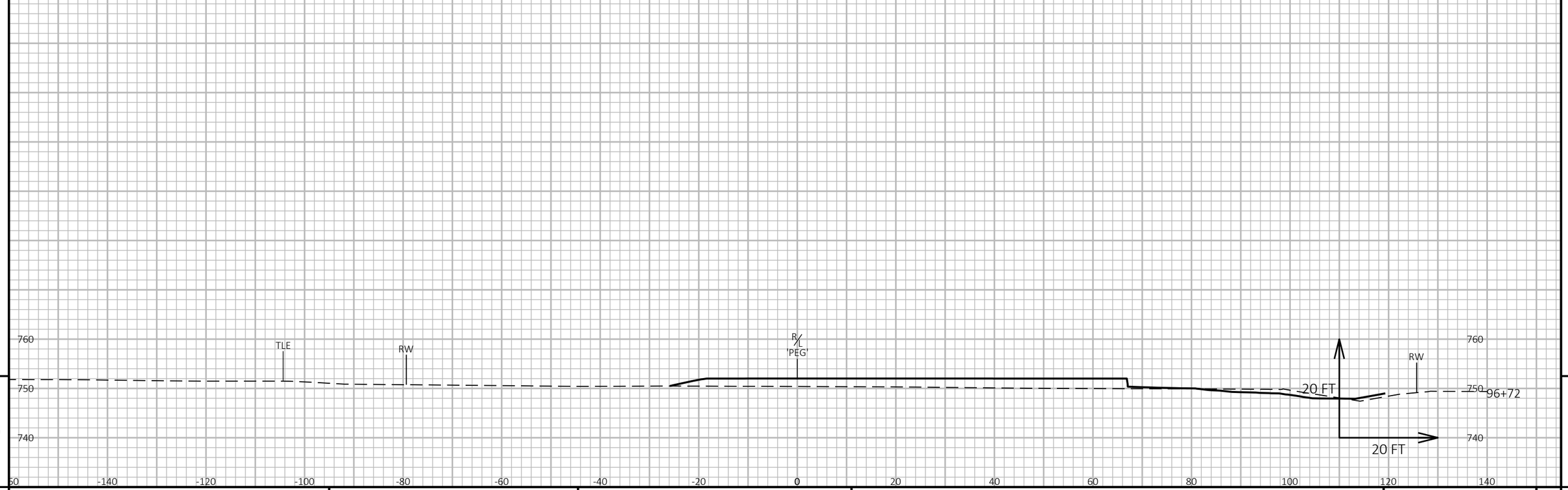
PRE_800

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG6

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9



9

9

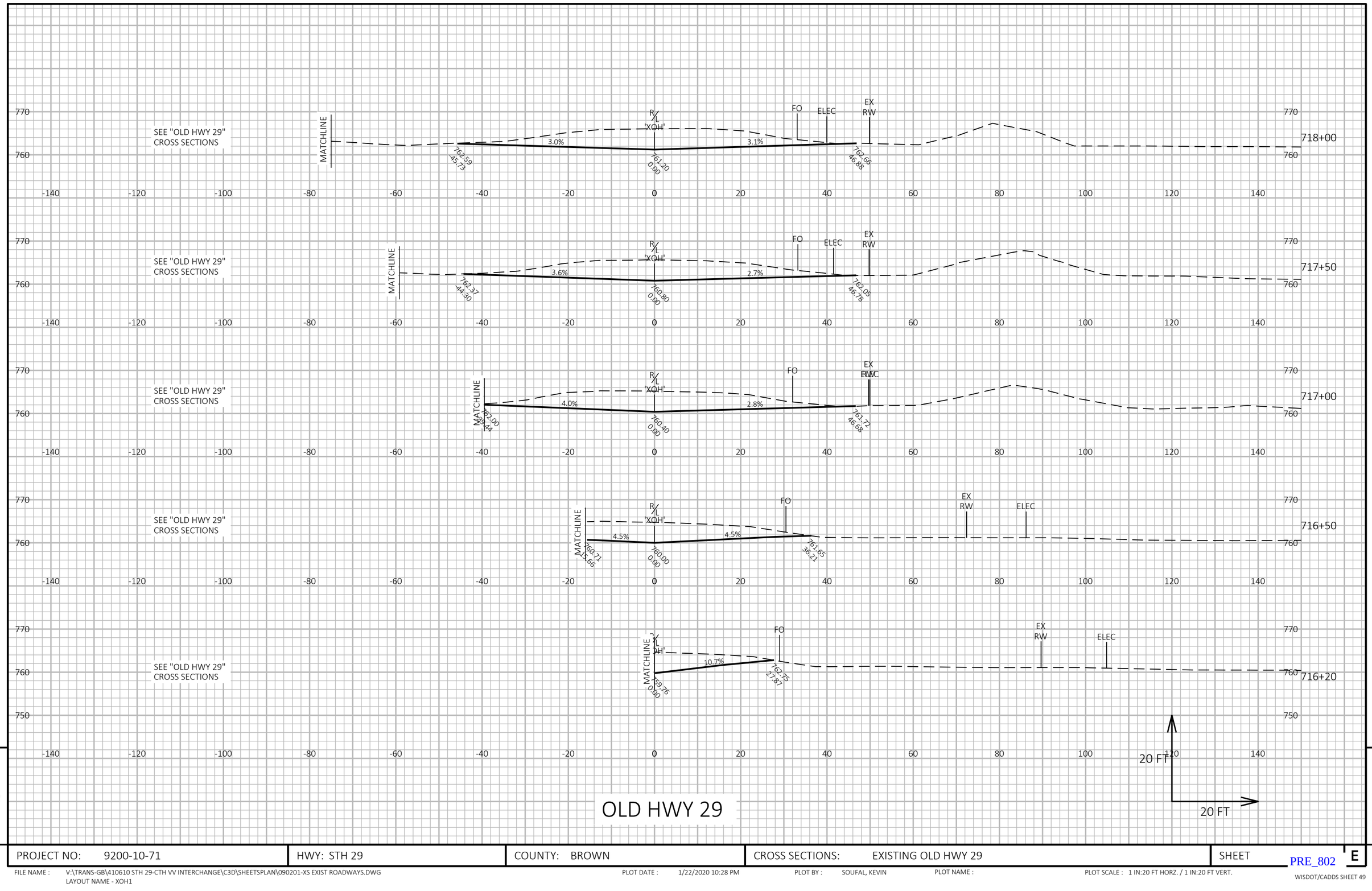
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EVERGREEN AVE. POND	SHEET E

PRE_801

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS DETENTION PONDS.DWG
LAYOUT NAME - PEG7

PLOT DATE : 1/22/2020 10:27 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



OLD HWY 29

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING OLD HWY 29	SHEET

PRE_802

E

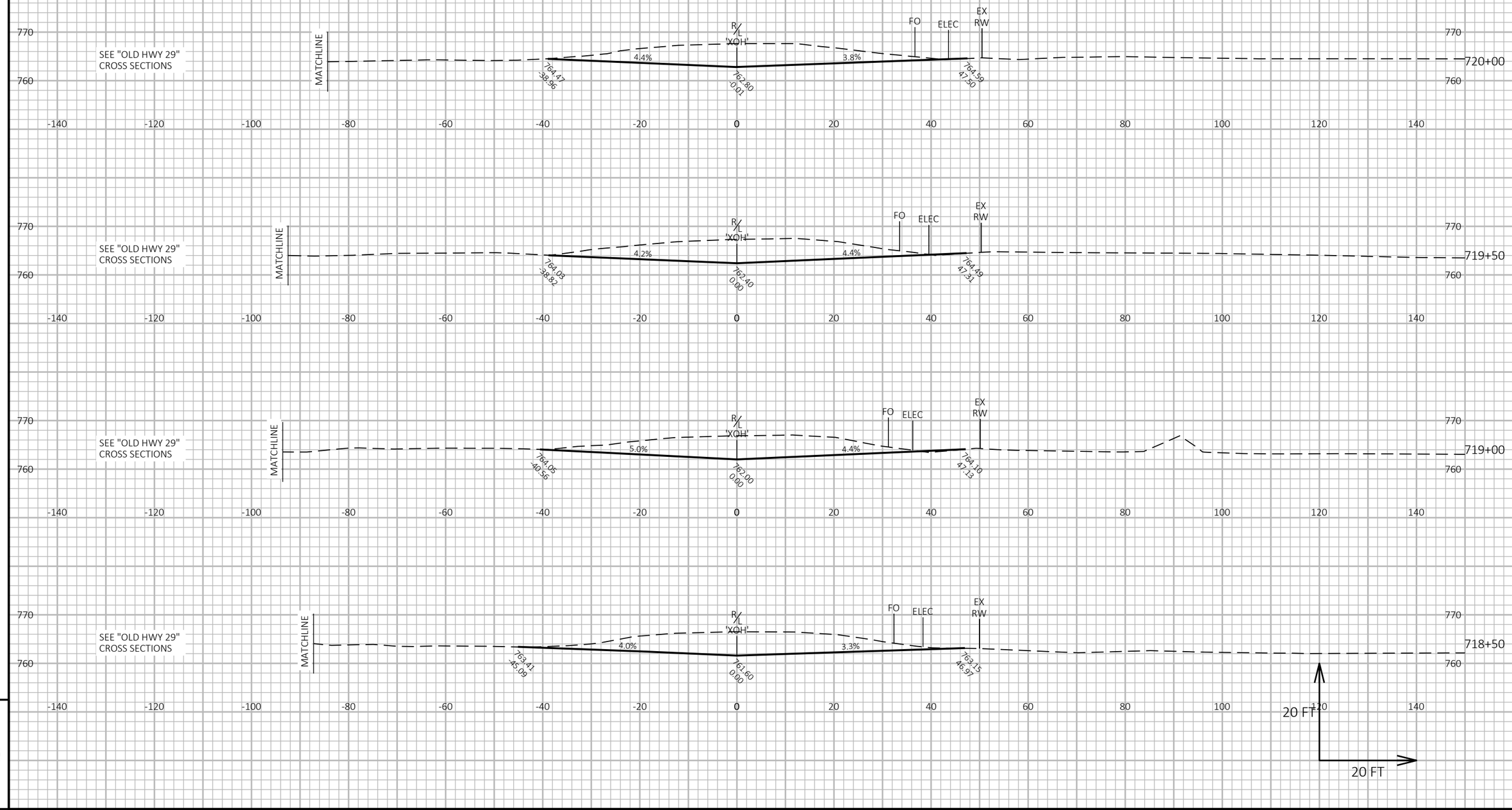
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XOH1

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9

9



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING OLD HWY 29	SHEET E

PRE_803

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XOH2

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

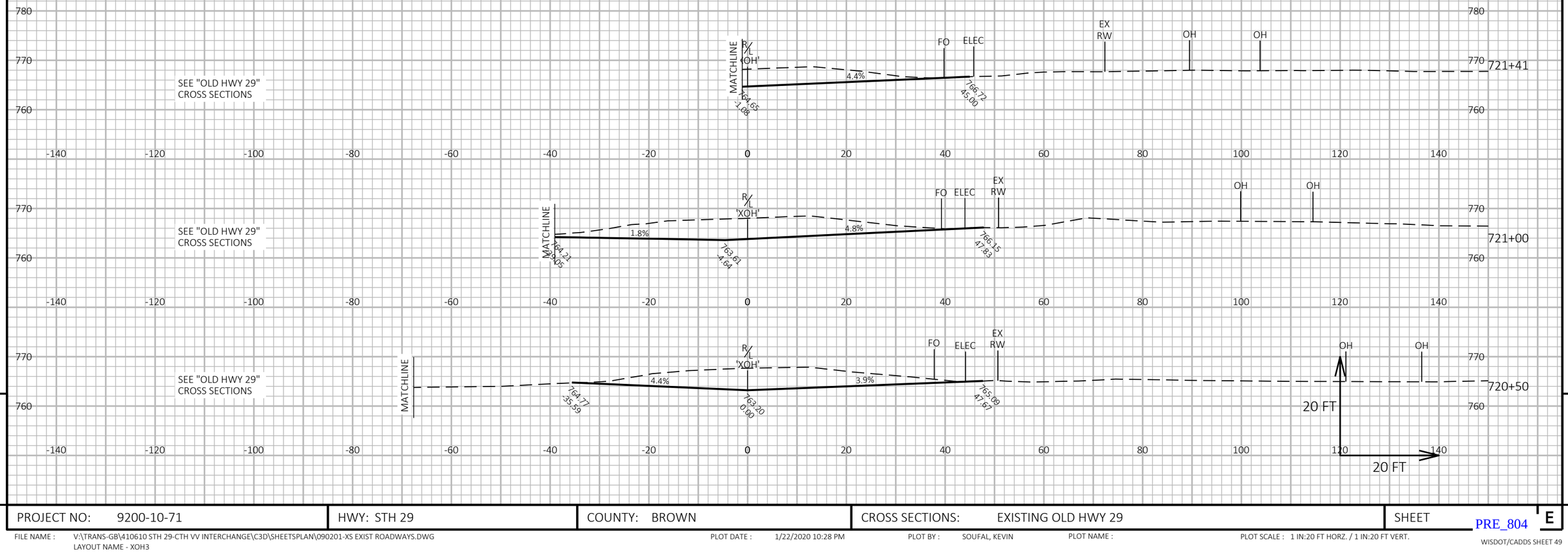
WISDOT/CADDS SHEET 49

OLD HWY 29

SEE "OLD HWY 29" CROSS SECTIONS

SEE "OLD HWY 29" CROSS SECTIONS

SEE "OLD HWY 29" CROSS SECTIONS



PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING OLD HWY 29	SHEET E

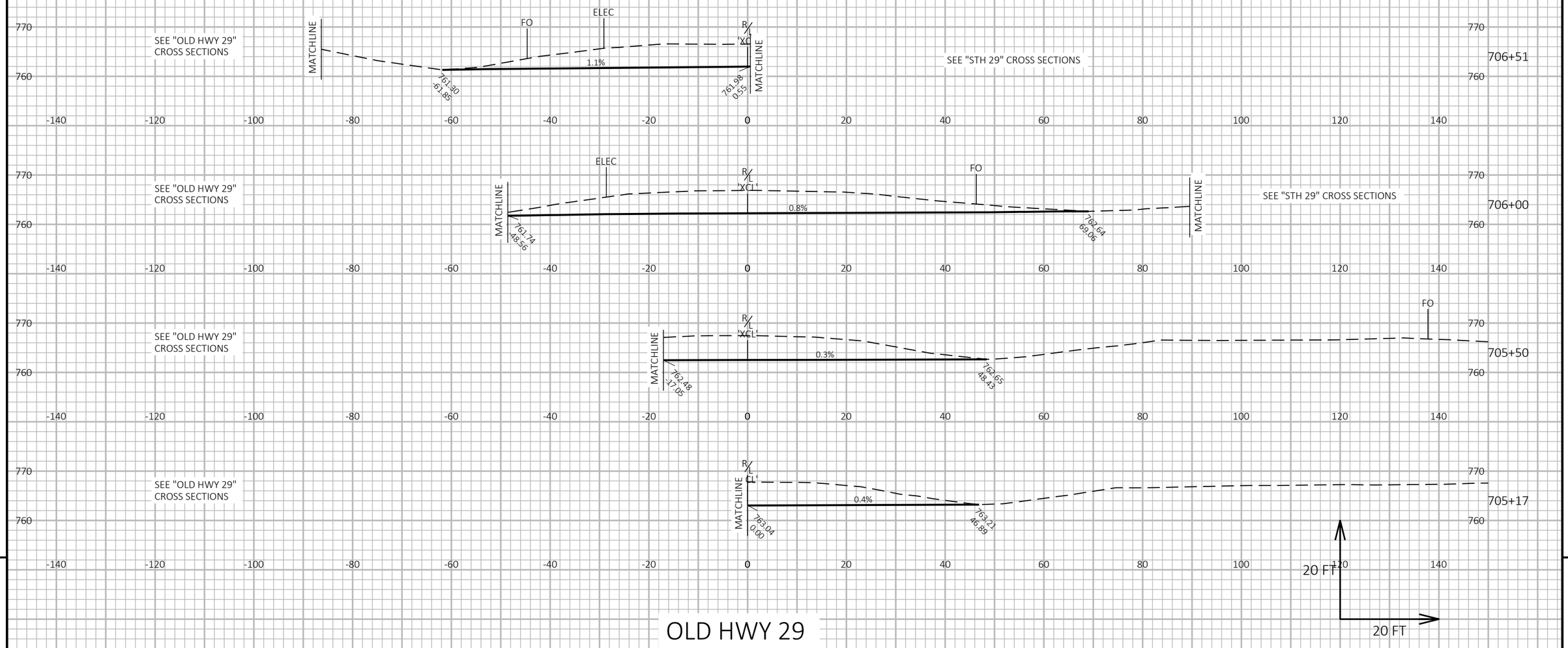
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XOH3

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_804

WISDOT/CADDS SHEET 49

STH 29



OLD HWY 29

9

9

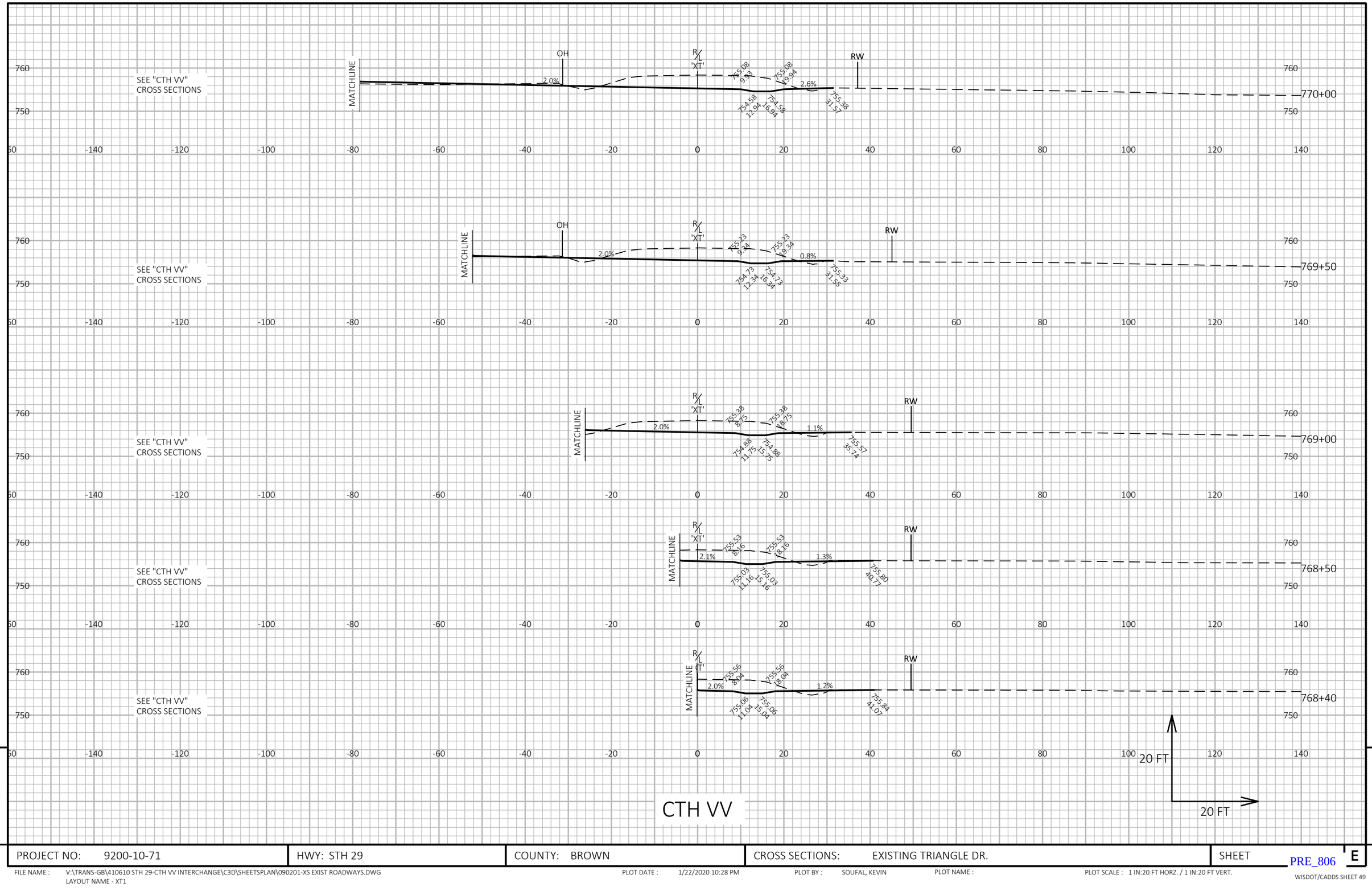
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING COUNTY LINE RD.	SHEET E

PRE_805

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XCL1

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

CTH VV

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING TRIANGLE DR.	SHEET E

PRE_806

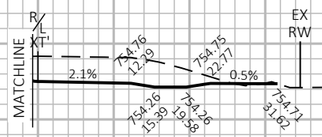
FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XT1

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

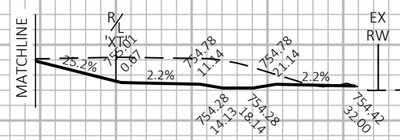
CTH VV POND

SEE "CTH VV POND" CROSS SECTIONS



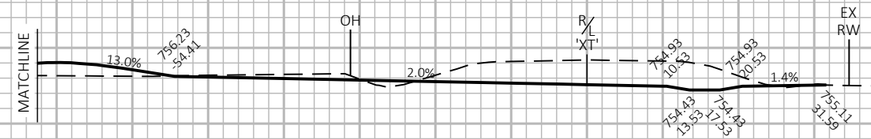
771+08

SEE "CTH VV POND" CROSS SECTIONS



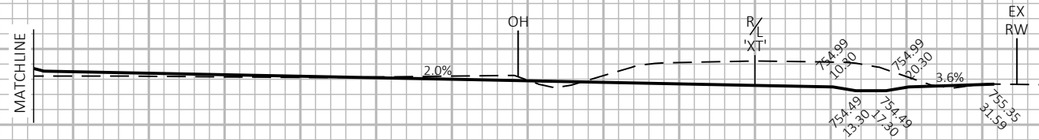
771+00

SEE "CTH VV POND" CROSS SECTIONS

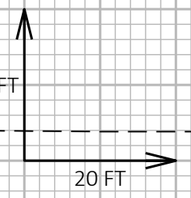


770+50

SEE "CTH VV" CROSS SECTIONS



770+31



9 9

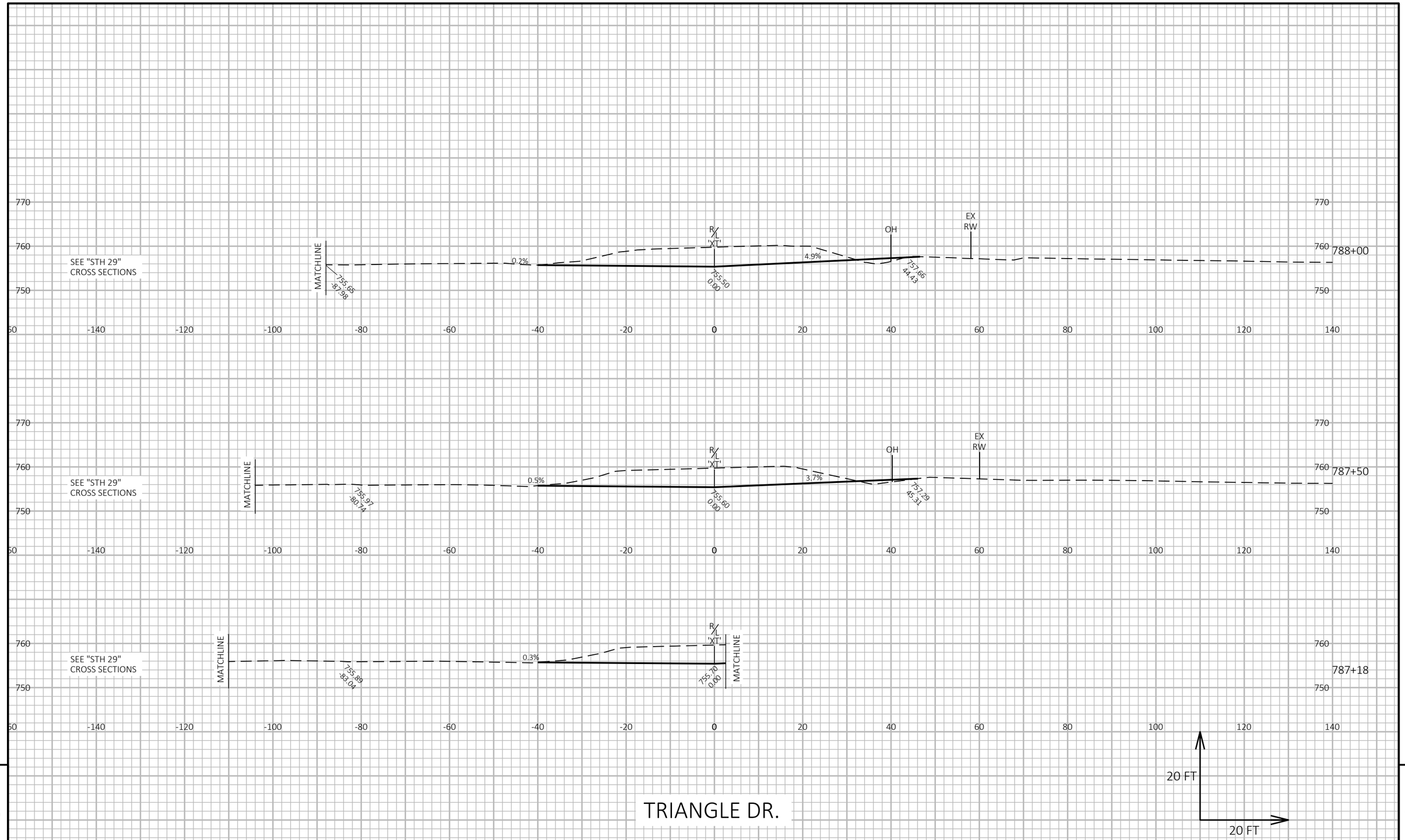
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING TRIANGLE DR.	SHEET E

PRE_807

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XT2

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

TRIANGLE DR.

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING TRIANGLE DR.	SHEET E

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XT3

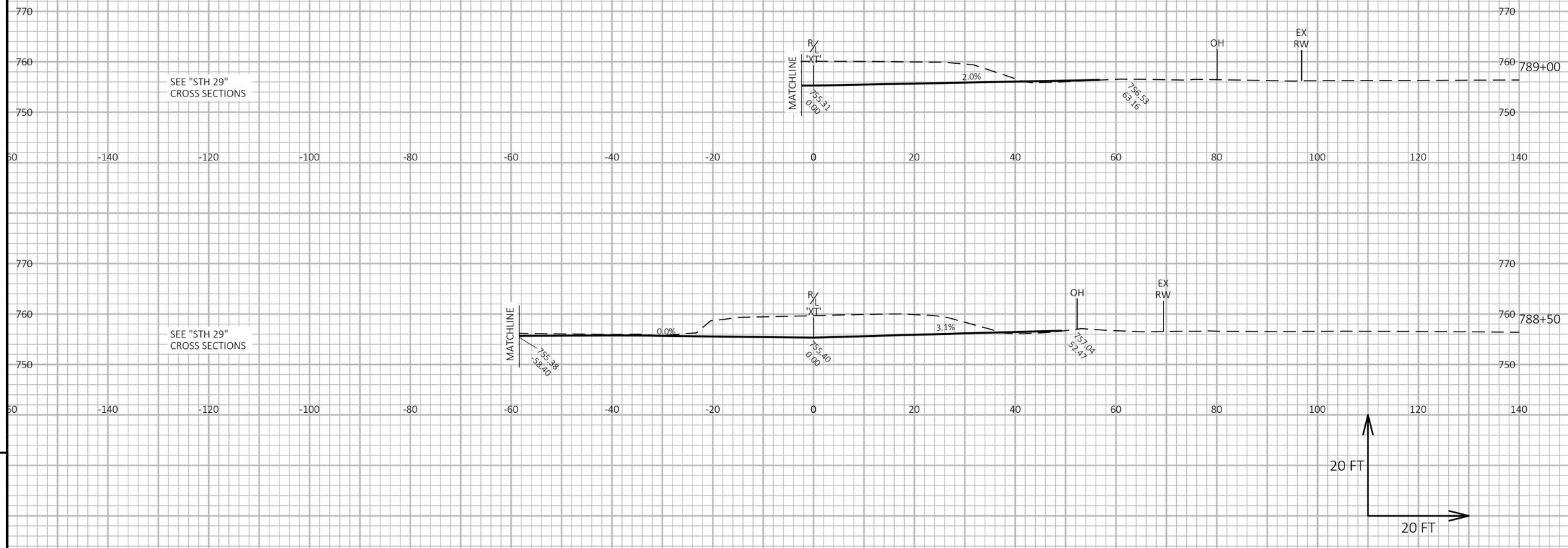
PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

PRE_808

WISDOT/CADDS SHEET 49

STH 29

SEE "STH 29"
CROSS SECTIONS



SEE "STH 29"
CROSS SECTIONS

9

9

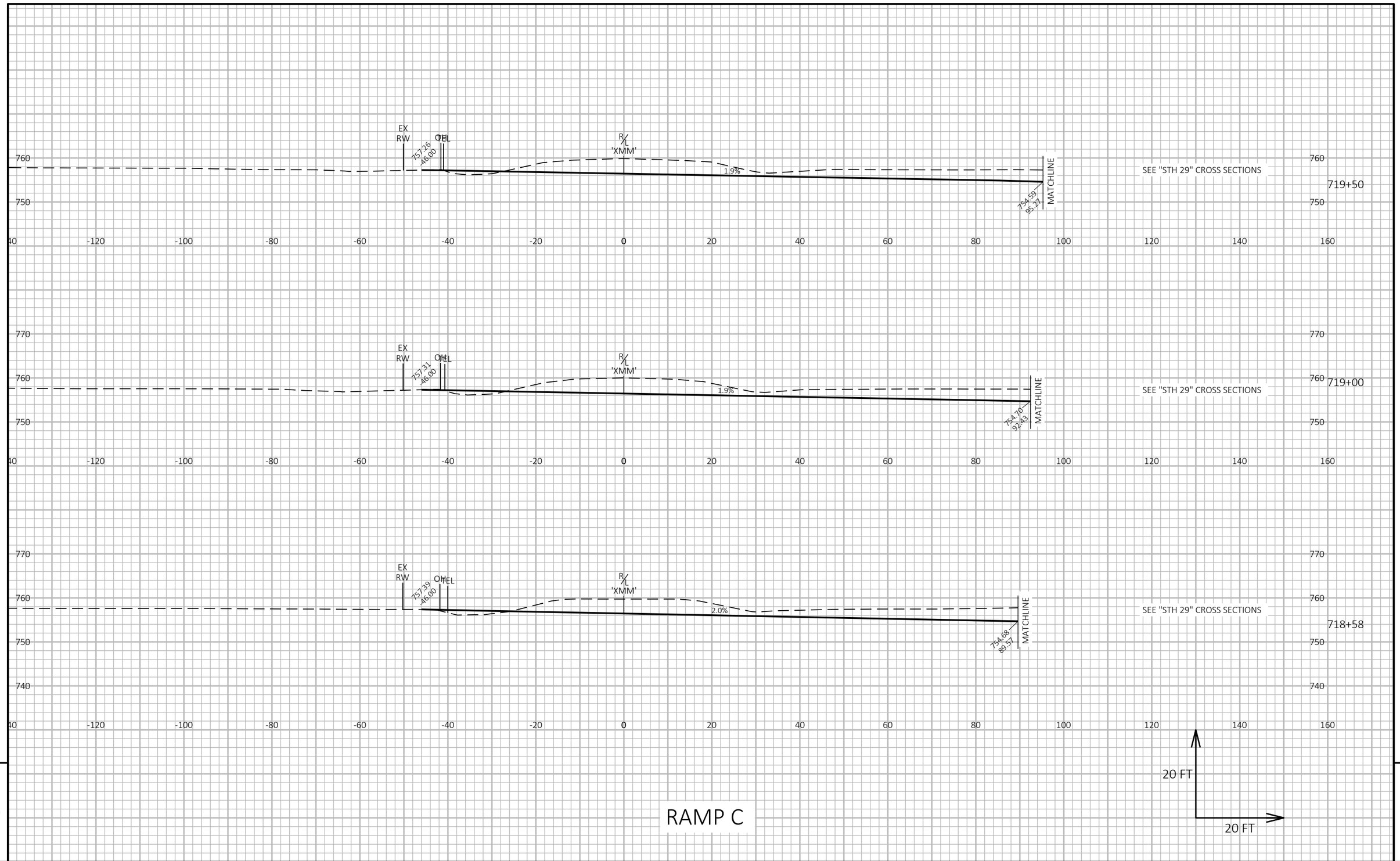
PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING TRIANGLE DR.	SHEET E

PRE_809

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XT4

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

RAMP C

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING MARLEY ST.	SHEET E

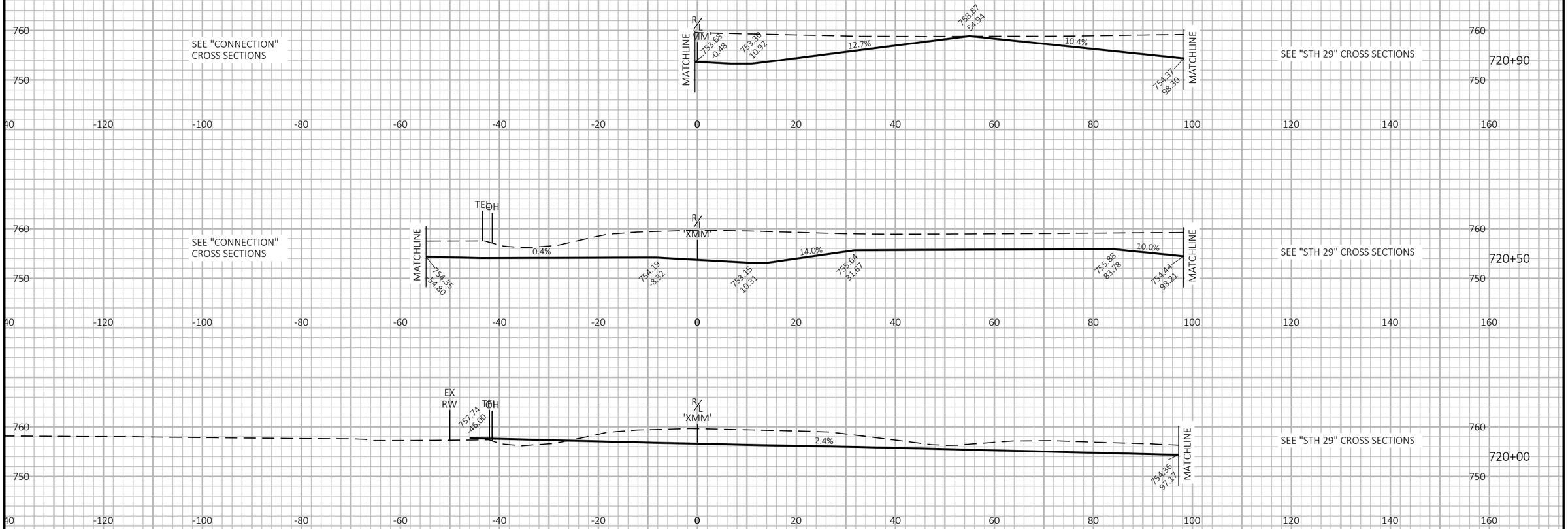
PRE_810

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XMM1

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

STH 29



9

9

PROJECT NO: 9200-10-71	HWY: STH 29	COUNTY: BROWN	CROSS SECTIONS: EXISTING MARLEY ST.	SHEET E

PRE_811

FILE NAME : V:\TRANS-GB\410610 STH 29-CTH VV INTERCHANGE\C3D\SHEETSPLAN\090201-XS EXIST ROADWAYS.DWG
LAYOUT NAME - XMM2

PLOT DATE : 1/22/2020 10:28 PM PLOT BY : SOUFAL, KEVIN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove