PROJECT ID: **1146-75-72**

WITH: N/A

COUNTY: **OUTAGAMIE**

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 =



N

DESIGN DESIGNATION

A.A.D.T.	(2007)	=	16,500
A.A.D.T.	(2040)	=	20,000
D.H.V.		=	2,550
D.D.		=	62-38
T.		=	5.2%
DESIGN SPEED		=	60 MPH
ESALS		=	2,620,700

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 (300'EB')
- 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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 76 - NEW LONDON

CTH JJ - LILY OF THE VALLEY DR

STH 15

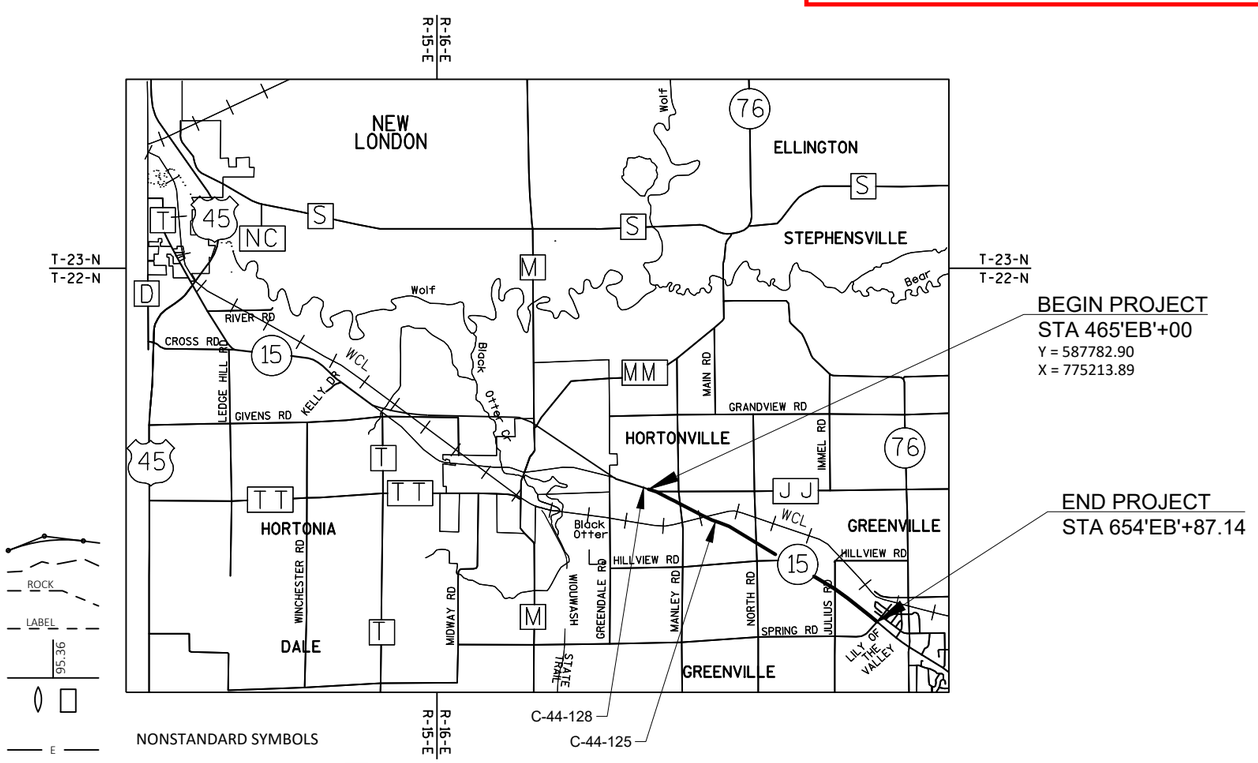
OUTAGAMIE COUNTY

STATE PROJECT NUMBER
1146-75-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1146-75-72		

TRANS 220
PROJECT PLAN
FOR
DESIGN OF UTILITY FACILITY ALTERATIONS OR RELOCATIONS

Date: OCTOBER 2019



NONSTANDARD SYMBOLS

- PROPOSED RELOCATION
- DITCH
- MEDIAN DRAIN/OUTFALL
- ELECTRICAL (CAUTION)

LAYOUT

SCALE 0 — 2 MI

TOTAL NET LENGTH OF CENTERLINE = 3.596 M.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, OUTAGAMIE 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.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 88 (2007).

ORIGINAL PLANS PREPARED BY

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
95 South Pioneer Road, Suite 300 • Fond du Lac, WI 54935
(920) 924-5720 • fax (920) 924-5725

DATE: _____ BENJAMIN L. OITZINGER, PE

ORIGINAL PLANS PREPARED BY

ch2m:
MILWAUKEE, WISCONSIN

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT NORTHEAST REGION
Designer	CH2M HILL/GREMMER AND ASSOCIATES
Project Manager	WILLIAM BERTRAND
Regional Examiner	XXX
Regional Supervisor	TAMMY RABE

APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-010101-TI-GN.DWG PLOT DATE : 9/18/2019 1:45 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME :

2

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY 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 UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

ALL HOLES OR OPENINGS BELOW SUBGRADE SHALL BE FILLED WITH GRANULAR BACKFILL.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH 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 MATERIALS WILL NOT BE PERMITTED IN WETLANDS.

BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF SALVAGED TOPSOIL WHERE REQUIRED. SALVAGED TOPSOIL SHALL BE PLACED WITH 4-INCH TYPICAL DEPTH.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT SURFACE MEETS EXISTING HMA PAVEMENT SURFACE. SAWCUTS SHALL BE MADE AT THE MATCHLINE LOCATIONS AS SHOWN ON THE PLAN AND PROFILE OR AS DIRECTED BY THE ENGINEER.

ALIGNMENT NAMING ABBREVIATIONS

ROAD	ABBREVIATION
STH 15 EB	'EB'
STH 15 WB	'WB'
OLD STH 15 EAST (EB)	'MNE'
OLD STH 15 EAST (WB)	'MNW'
CTH JJ (EB)	'JJE'
CTH JJ (WB	'JJW'
CTH JJ ROUNDABOUT	'JJR'
LOCAL ROAD	'LCL'
MANLEY ROAD	'MAN'
MANLEY ROAD (NORTH)	'NMN'
NORTH ROAD	'NRT'
HILLVIEW ROAD	'HIL'
BENNETT CIRCLE	'BEN'
JULIUS DRIVE	'JUL'
CLOVER LANE	'CLO'
LILY OF THE VALLEY DRIVE	'LOV'
MULTI-USE TRAIL	'MUT'
MULTI-USE TRAIL (AT JULIUS)	'MTJ'
WI CENTRAL LTD RAILROAD	'RRC'
TEMPORARY ALIGNMENT (STAGE 2A)	'TA'
TEMPORARY ALIGNMENT (STAGE 2B)	'TB'
TEMPORARY STH 15 (EB TO WB) CROSSOVER	'XO'

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEWS
TYPICAL SECTIONS
CONSTRUCTION DETAILS
DRIVEWAY DETAILS
STORM SEWER
SIGNING
LIGHTING
SIGNAL PLANS
TRAFFIC CONTROL□CONSTRUCTION STAGING
FENCING
ALIGNMENT PLAN

STANDARD ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
BAD	BASE AGGREGATE DENSE
BK	BACK
BM	BENCHMARK
BT	BEGIN TRANSITION
CE	COMMERCIAL ENTRANCE
C□G	CURB AND GUTTER
C□L	CENTERLINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
EOP	EDGE OF PAVEMENT
ET	END OF TRANSITION
ETW	EDGE OF TRAVELED WAY
FE	FIELD ENTRANCE
FS	FULL SUPERELEVATION
HE	HORIZONTAL ELLIPTICAL
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
M□L	MATCH LINE
NC	NORMAL CROWN
NORM	NORMAL
OFF	OFFSET
PACS	PIPE ARCH CORRUGATED STEEL
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
POB	POINT OF BEGINNING
POE	POINT OF END
PT	POINT OF TANGENT
PUU	PIPE UNDERDRAIN UNPERFORATED
R	RADIUS OF CURVE
RAB	ROUNDABOUT
R□L	REFERENCE LINE
R□W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON END WALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SDD	STANDARD DETAIL DRAWING
SE	SUPERELEVATION
SF	SQUARE FOOT
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRCHE	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
VD	DRAIN SLOTTED VAIN
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT

UTILITIES

ATC MANAGEMENT
(ELECTRICITY/TRANSMISSION)
MIKE OLSEN
801 O'KEEFE ROAD
DE PERE, WI 54115-6113
PHONE: 920-338-6582
MOLSEN@ATCLLC.COM

AT&T WISCONSIN
(COMMUNICATIONS)
JOE KASSAB
205 SOUTH JEFFERSON STREET
GREEN BAY, WI 54301
PHONE: 920-433-4200
MOBILE: 920-202-4002
JK572K@ATT.COM

CENTURYLINK
(COMMUNICATIONS)
MATT GUNDERSON
212 CHURCH AVENUE
CASCO, WI 54205
PHONE: 920-837-2344
MOBILE: 920-896-2867
MATT.GUNDERSON@CENTURYLINK.COM

CHARTER COMMUNICATIONS
(COMMUNICATIONS)
RUDI RUDIGER
5024 HEFFRON STREET
STEVENS POINT, WI 54481
PHONE: 715-204-5339
RUDI.RUDIGER@CHARTER.COM

TWC d/b/a CHARTER COMMUNICATIONS
(COMMUNICATIONS)
VINCE ALBIN
3502 EAST DESTINATION DRIVE
APPLETON, WI 54915
PHONE: 920-831-9249
MOBILE: 920-378-0444
VINCE.ALBIN@CHARTER.COM

GREENVILLE SANITARY DISTRICT NO. 1
(SANITARY SEWER & WATER)
CODY SIMONIS
W6860 PARKVIEW DRIVE
GREENVILLE, WI 54942
PHONE: 920-750-8130
CSIMONIS@TOWNOFGREENVILLE.COM

HORTONVILLE AREA SCHOOLS
(COMMUNICATIONS)
BEN DUMKE
246 NORTH OLK STREET
HORTONVILLE, WI 54944
PHONE: 920-779-7900
BENDUMKE@HASD.ORG

WE ENERGIES
(ELECTRICITY)
CHRISTOPHER SCHULZ
800 SOUTH LYNNDALE DRIVE
APPLETON, WI 54914
PHONE: 414-944-5553
MOBILE: 414-588-0455
CHRIS.SCHULZ@WE-ENERGIES.COM

WE ENERGIES
(GAS/PETROLEUM)
CODY BECKMAN
800 SOUTH LYNNDALE DRIVE
APPLETON, WI 54914
PHONE: 920-380-3422
MOBILE: 920-428-1038
CODY.BECKMAN@WE-ENERGIES.COM

WE ENERGIES
(LIGHTING)
RAYMOND JACHIMIEC
333 WEST EVERETT STREET, ROOM A299
MILWAUKEE, WI 53203
PHONE: 414-221-4847
RAYMOND.JACHIMIEC@WE-ENERGIES.COM

OTHER CONTACTS

DNR LIASON
MATT SCHAEVE
2984 SHAWANO AVE
GREEN BAY, WI 54313
PHONE: 920-662-5472
CELL: 920-366-1544
MATTHEW.SCHAEVE@WISCONSIN.GOV

WISCONSIN DEPARTMENT OF TRANSPORTATION
BILL BERTRAND
944 VANDERPERREN WAY
GREEN BAY, WI 54304
PHONE: 920-492-5708
WILLIAM.BERTRAND@DOT.WI.GOV

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

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

CONSTRUCTION ID: 1146-75-71
BY OTHERS

CONSTRUCTION ID: 1146-75-72

BEGIN PROJECT
STA 465'EB'+00

EQUATION
STA AHEAD = 484'WB'+71.21
STA BACK = 483'WB'+97.06

EQUATION
STA AHEAD = 484'EB'+63.94
STA BACK = 483'EB'+89.82

STH 15

LOCAL RD

OLD STH 15 EAST

MULTI-USE TRAIL

C-44-0128

CTH JJ

MANLEY RD (NORTH)

MANLEY RD

250'MNE' 255'MNE' 260'MNE' 265'MNE' 270'MNE' 275'MNE' 280'MNE' 285'MNE' 290'MNE'
25'LCL'
470'WB' 475'WB' 480'WB' 490'WB' 495'WB' 500'WB' 505'WB' 510'WB'
470'EB' 475'EB' 480'EB' 490'EB' 495'EB' 500'EB' 505'EB' 510'EB'
505'JJW' 305'JJE' 310'JJE'
495'MNW' 295'MNE'
10'MAN' 35'MAN' 30'MAN'

CONSTRUCTION ID: 1146-75-72

WISCONSIN CENTRAL LTD

NORTH RD

EQUATION
STA AHEAD = 543'WB'+25.64
STA BACK = 543'WB'+30.18

STH 15

C-44-125

MULTI-USE TRAIL

HILLVIEW RD

505'WB' 510'WB' 515'WB' 520'WB' 525'WB' 530'WB' 535'WB' 540'WB' 545'WB' 550'WB' 555'WB' 560'WB' 565'WB' 570'WB' 575'WB' 580'WB'
505'EB' 510'EB' 515'EB' 520'EB' 525'EB' 530'EB' 535'EB' 540'EB' 545'EB' 550'EB' 555'EB' 560'EB' 565'EB' 570'EB' 575'EB' 580'EB'
22'HIJ

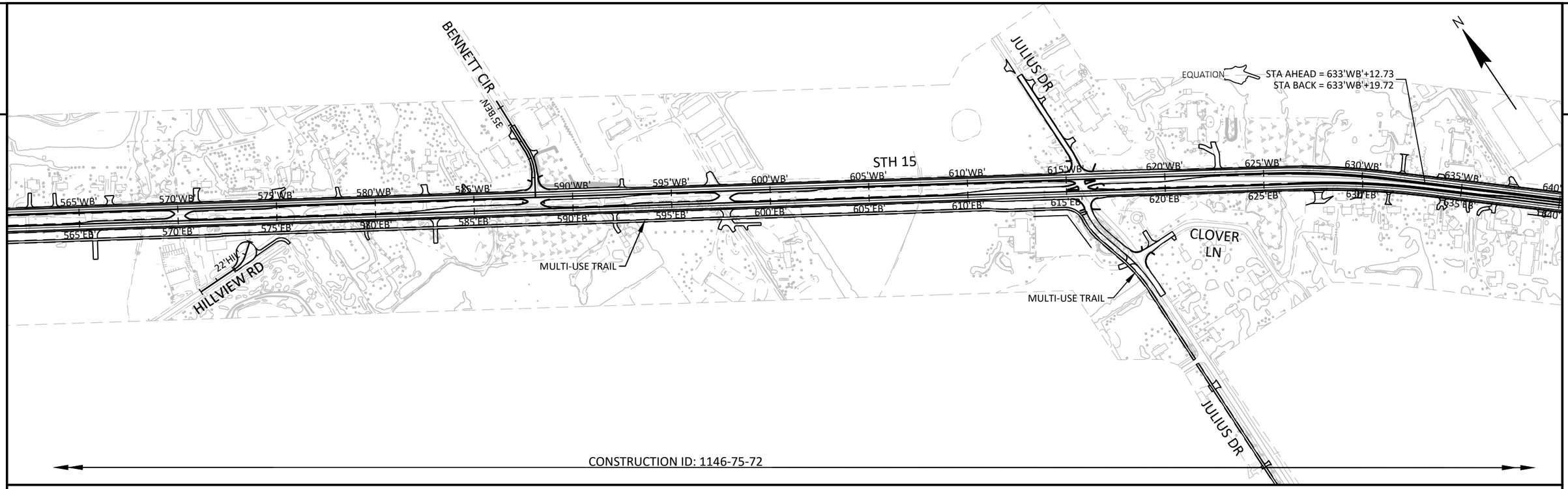
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

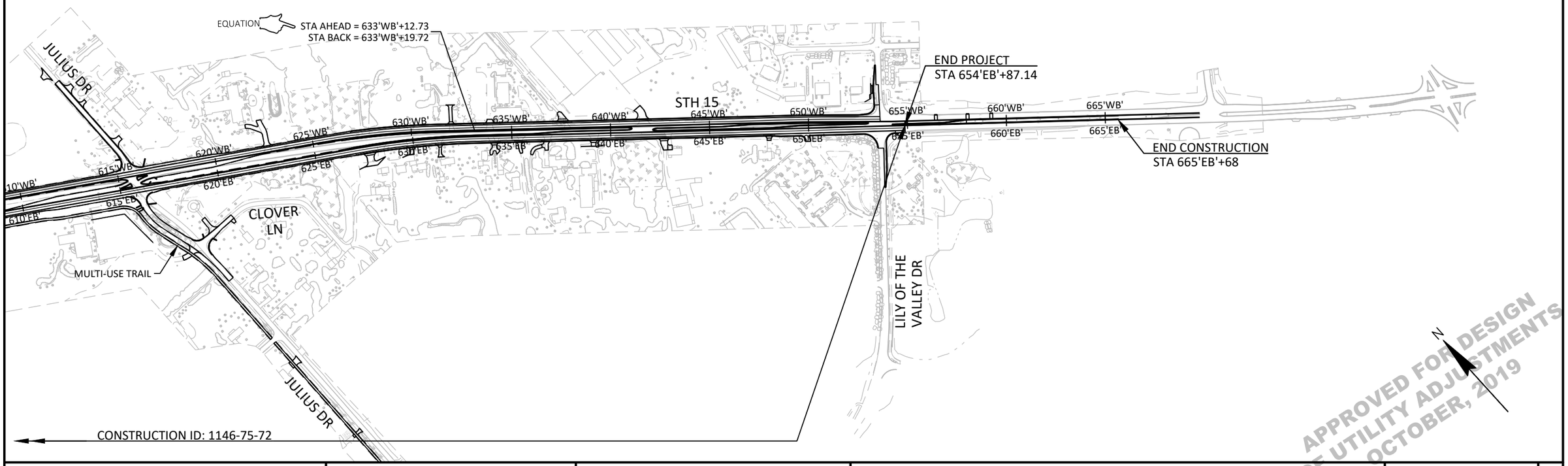
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-020201-PO.DWG
LAYOUT NAME - PO-01

PLOT DATE : 9/11/2019 12:56 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

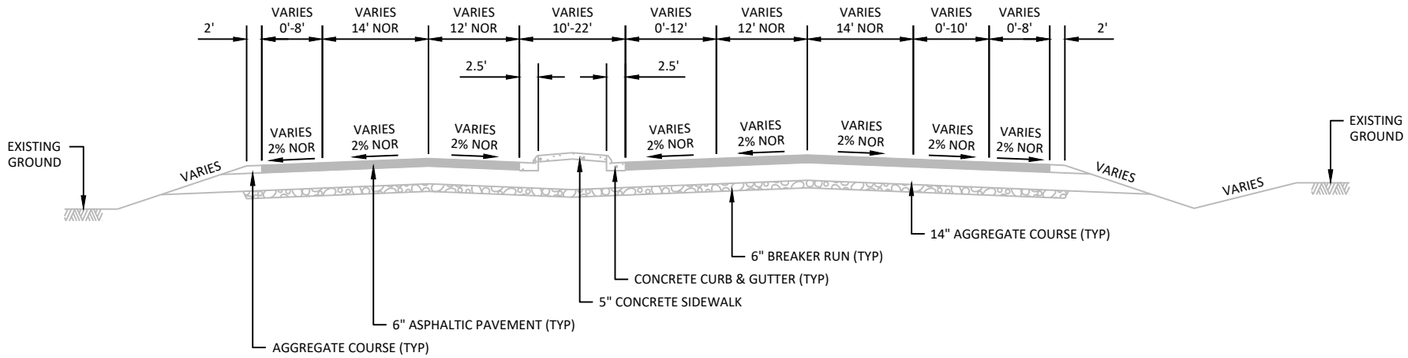




APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET 4	E

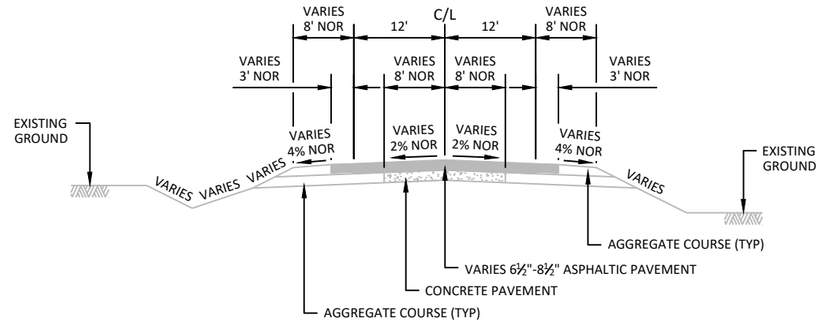
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-020201-PO.DWG
LAYOUT NAME - PO-02
PLOT DATE : 9/11/2019 12:58 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : ############
WISDOT/CADDS SHEET 44



EXISTING TYPICAL SECTION

STH 15

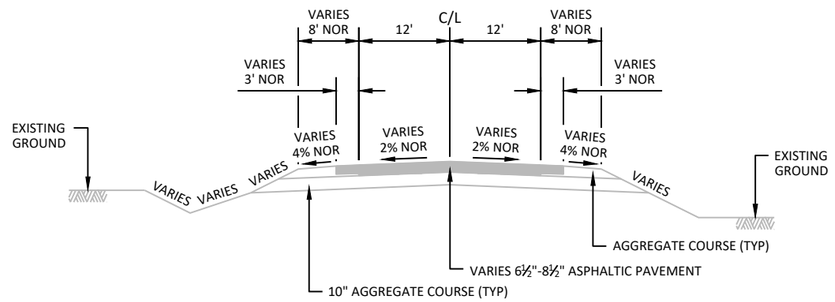
STA 644'EB'+20 TO STA 652'EB'+70



EXISTING TYPICAL SECTION

STH 15

STA 492'EB'+35 TO STA 523'EB'+50
STA 540'EB'+35 TO STA 552'EB'+85
STA 608'EB'+35 TO STA 616'EB'+35



EXISTING TYPICAL SECTION

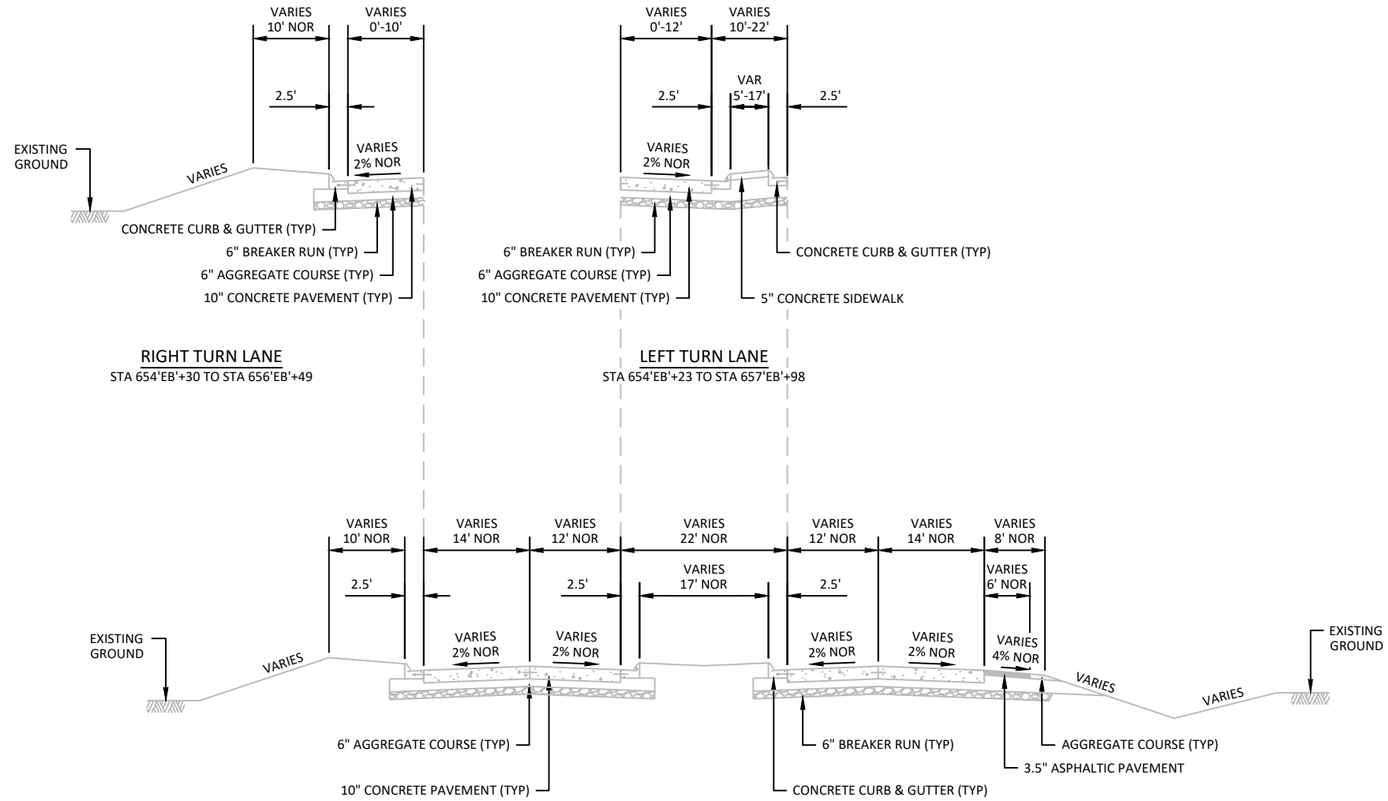
STH 15

STA 465'EB'+00 TO STA 492'EB'+35
STA 523'EB'+50 TO STA 540'EB'+35
STA 552'EB'+85 TO STA 608'EB'+35
STA 616'EB'+35 TO STA 644'EB'+20
STA 258'MNE'+60 TO STA 298'MNE'+16 (OLD STH 15 EAST ALIGNMENT)

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: EXISTING TYPICAL SECTIONS	SHEET 5	E

2



EXISTING TYPICAL SECTION

STH 15

STA 652'EB'+70 TO STA 665'EB'+68

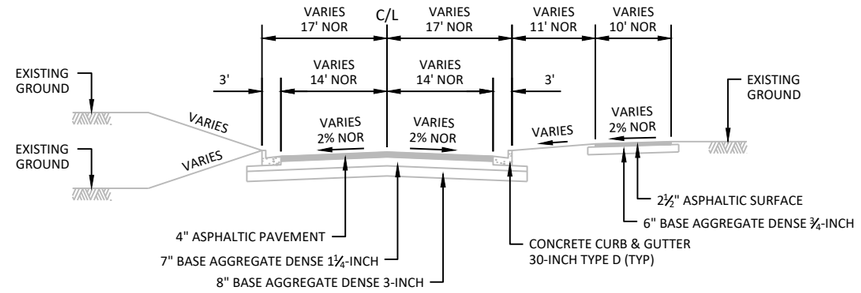
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: EXISTING TYPICAL SECTIONS	SHEET 6	E

FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020301-TS.DWG
LAYOUT NAME - Existing-02

PLOT DATE : 9/25/2019 9:06 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : 1 IN:20 FT

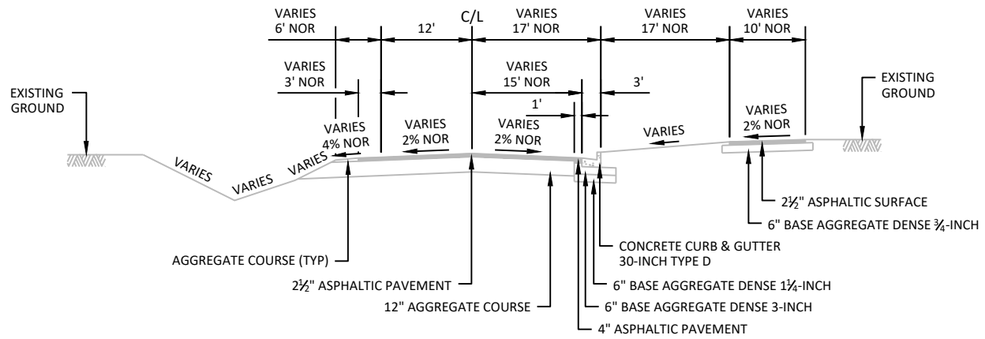
2



EXISTING TYPICAL SECTION

LILY OF THE VALLEY

STA 14'LOV'+90 TO STA 18'LOV'+00

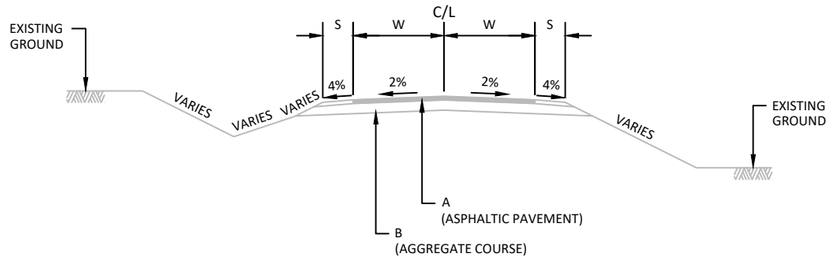


EXISTING TYPICAL SECTION

LILY OF THE VALLEY

STA 11'LOV'+80 TO STA 14'LOV'+90

LOCAL ROADS				
ROAD	PAVEMENT (NOR)		AGGREGATE SHOULDER (NOR)	BASE (NOR)
	WIDTH (W)	THICKNESS (A)	WIDTH (S)	THICKNESS (B)
CTH JJ	16'	5"	4'	10"
MANLEY RD	12'	4"	3'	6"
NORTH RD	11'	4"	2'	8"
HILLVIEW RD	12'	3"	2'	8"
BENNETT CIR	12'	3"	2'	8"
JULIUS DR (NORTH OF STH 15)	11'	3"	2'	8"
JULIUS DR (SOUTH OF STH 15)	12'	3"	1'	8"
CLOVER LN	11'	3"	2'	8"



EXISTING TYPICAL SECTION

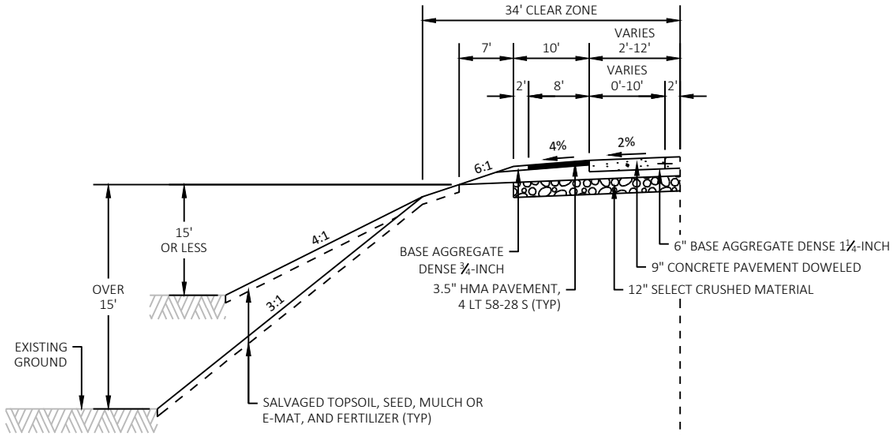
LOCAL ROADS - SEE TABLE

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: EXISTING TYPICAL SECTIONS	SHEET 7	E

FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020301-TS.DWG
LAYOUT NAME - Existing-03

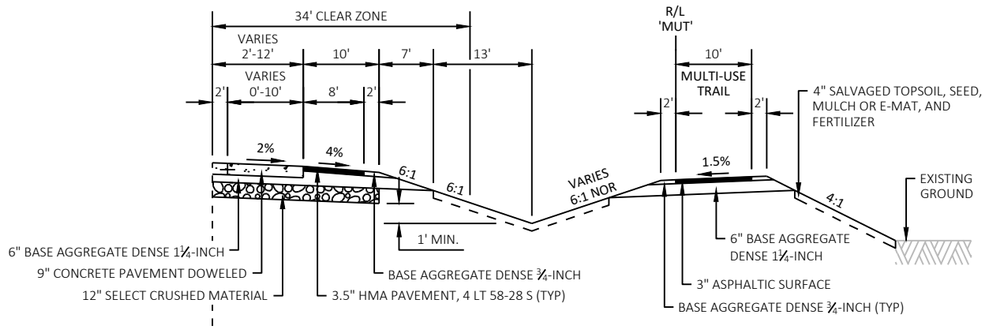
PLOT DATE : 9/25/2019 9:06 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : ##########



ACCELERATION/ DECELERATION LANE SECTION

STH 15

STA 500'WB'+62 - STA 522'WB'+31

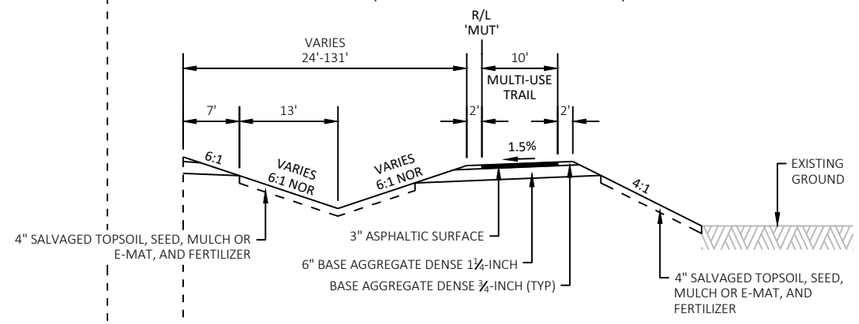


ACCELERATION/ DECELERATION LANE SECTION

STH 15

STA 507'EB'+26 TO STA 529'EB'+17

(STA 1015'MUT'+77 TO STA 1038'MUT'+31)



TRAIL SECTION

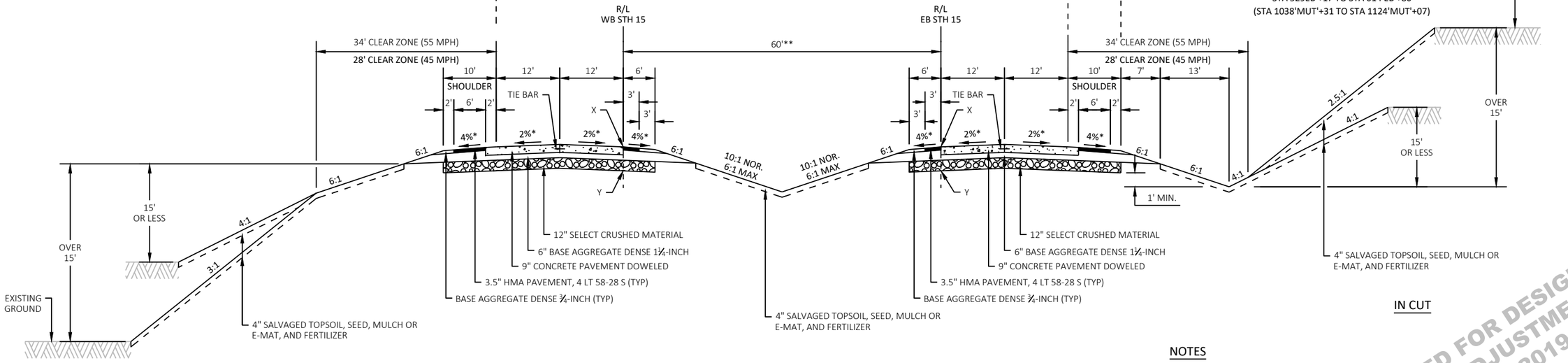
STH 15

STA 489EB'+44 TO STA 507'EB'+26

(STA 994'MUT'+12 TO STA 1015'MUT'+77)

STA 529EB'+17 TO STA 614'EB'+86

(STA 1038'MUT'+31 TO STA 1124'MUT'+07)



IN FILL

IN CUT

FINISHED TYPICAL SECTION

STH 15

STA 465'EB'+00 TO STA 477'EB'+47

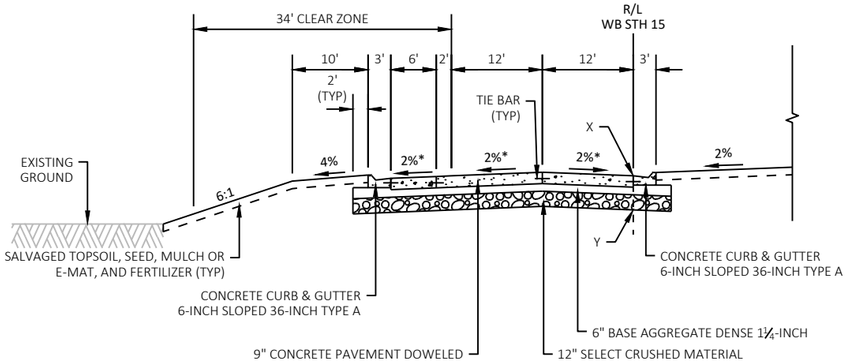
STA 489'EB'+44 TO STA 626'EB'+98

NOTES

"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)
** MEDIAN WIDTH VARIES FROM 60'-32' FROM STA 625'EB'+21 TO STA 633'EB'+14. SEE CONSTRUCTION DETAILS FOR TURN LANES.

APPROVED FOR DESIGN
OF QUALITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 8	E



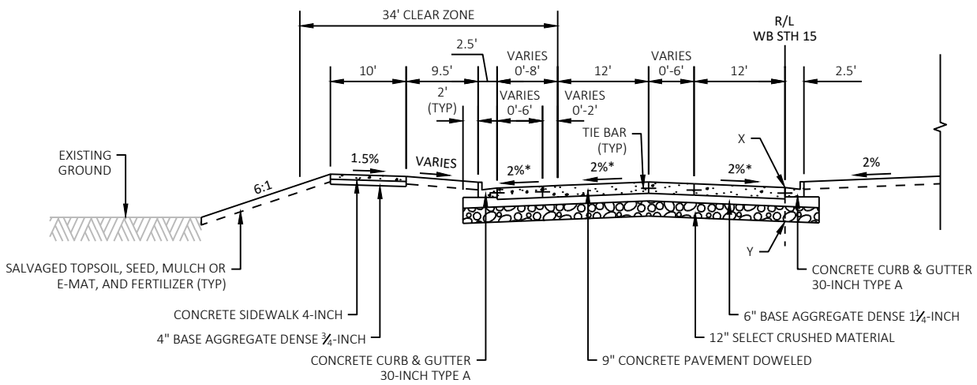
FINISHED TYPICAL HALF SECTION

STH 15

STA 487'WB'+07 - STA 489'WB'+44

NOTES

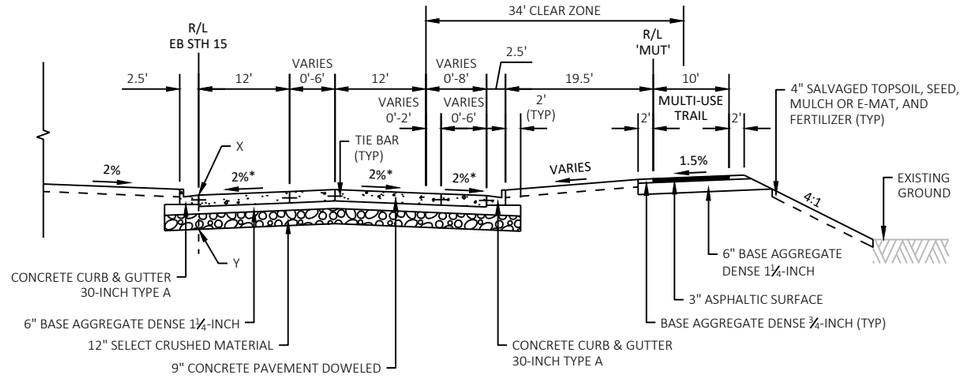
"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)



FINISHED TYPICAL HALF SECTION

STH 15

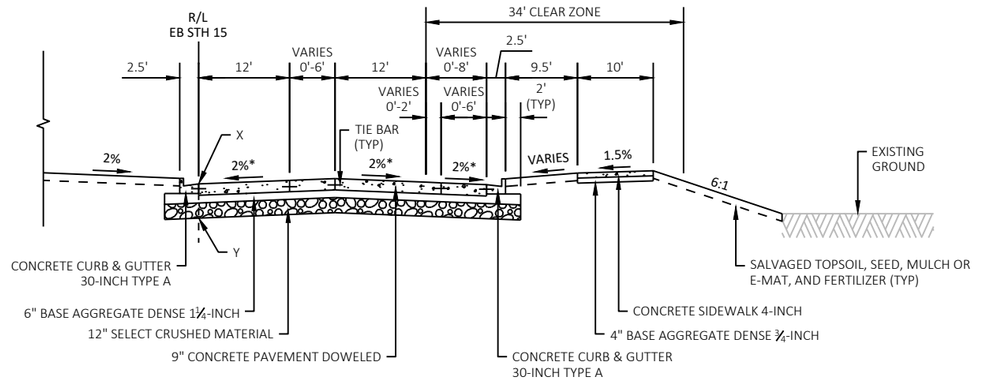
STA 480'WB'+97 - STA 482'WB'+17
STA 484'WB'+86 - STA 487'WB'+07



FINISHED TYPICAL HALF SECTION

STH 15

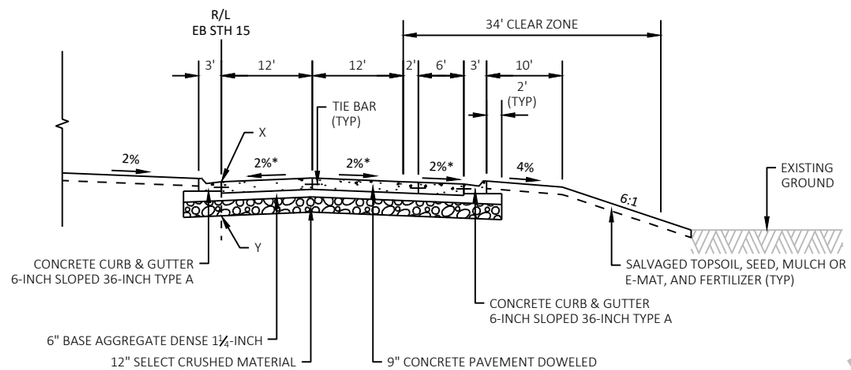
STA 484'EB'+78 - STA 486'EB'+29



FINISHED TYPICAL HALF SECTION

STH 15

STA 479'EB'+93 - STA 482'EB'+09



FINISHED TYPICAL HALF SECTION

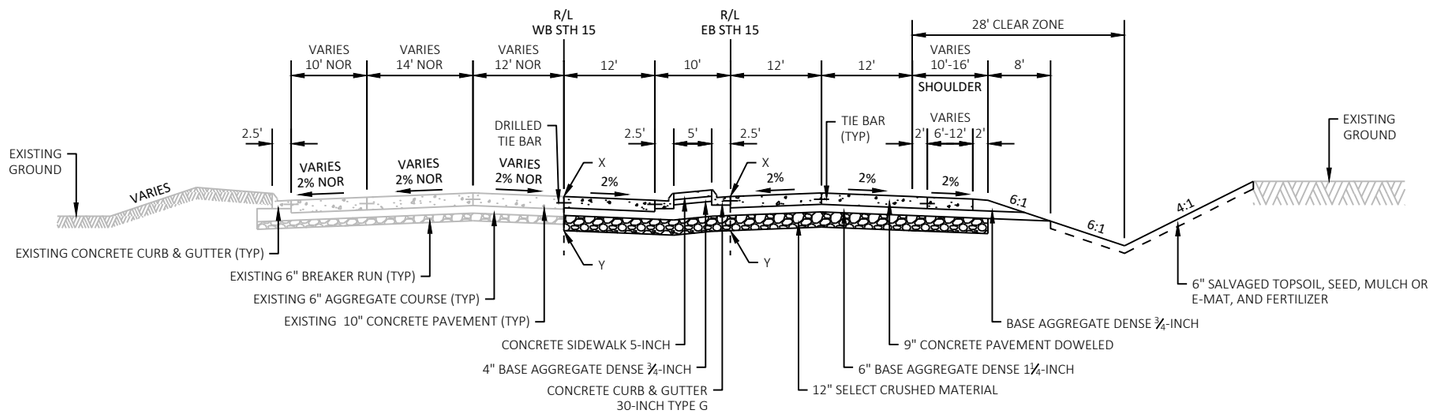
STH 15

STA 477'EB'+47 - STA 479'EB'+93

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 9	E

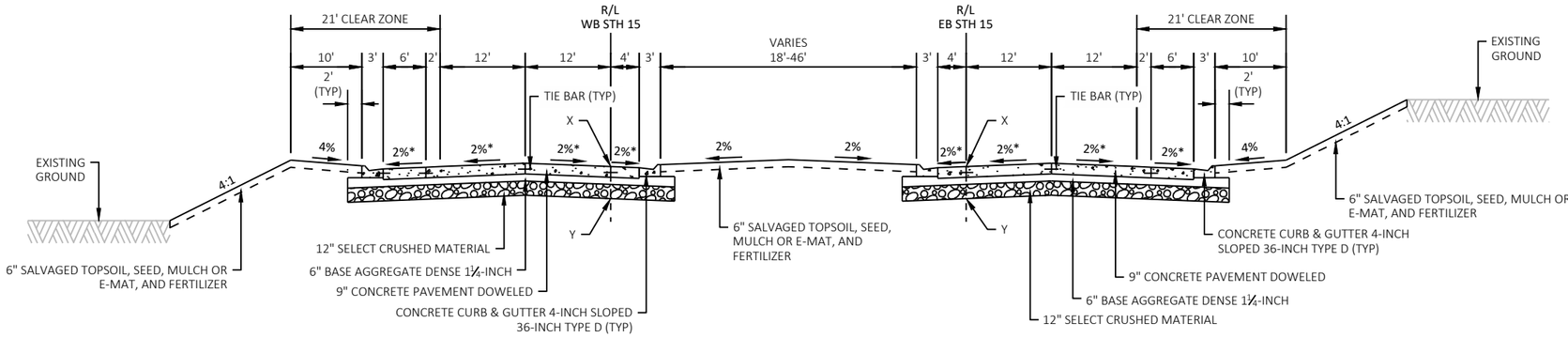
FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020302-TS.DWG
LAYOUT NAME - Finished-02
PLOT DATE : 9/25/2019 9:11 AM
PLOT BY : STEVENSON, SCOTT
PLOT NAME :
PLOT SCALE : 1 IN:20 FT_1



FINISHED TYPICAL SECTION

STH 15

STA 653'EB'+63 TO STA 654'EB'+87



IN FILL

IN CUT

FINISHED TYPICAL SECTION

STH 15

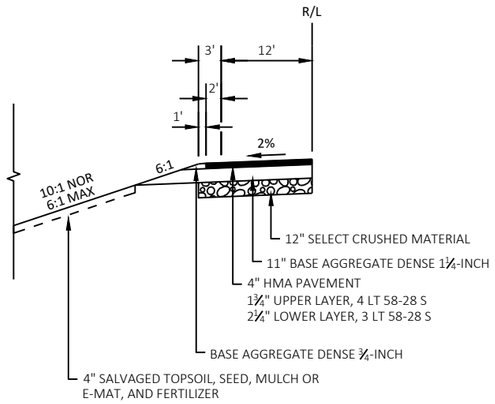
STA 626'EB'+98 TO STA 653'EB'+63

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 10	E

FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020302-TS.DWG
LAYOUT NAME - Finished-03

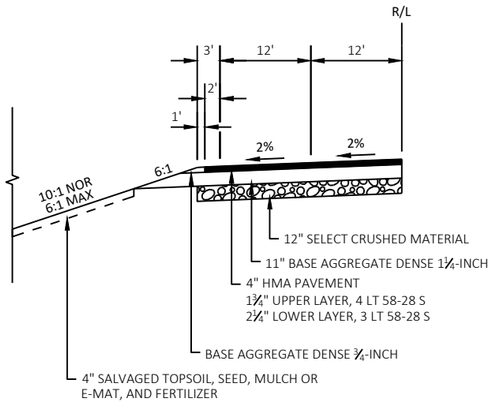
PLOT DATE : 9/25/2019 9:11 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : 1 IN:20 FT_1



FINISHED TYPICAL HALF SECTION

LEFT TURN LANE - RURAL CROSSOVER

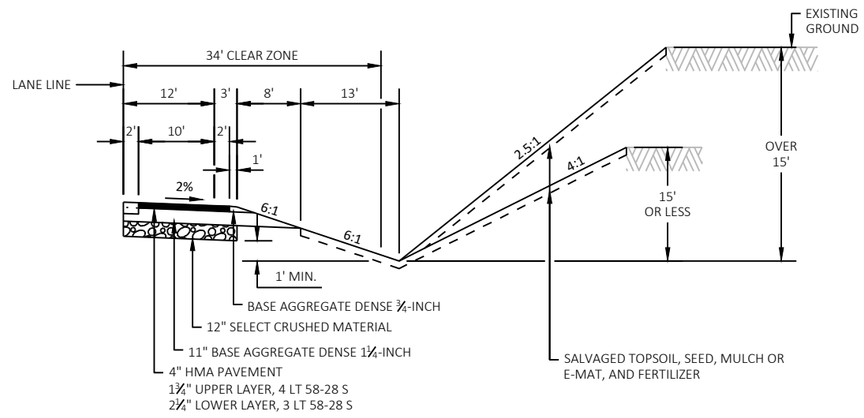
STA 504'WB'+02 TO STA 509'WB'+20 STA 498'EB'+35 TO STA 503'EB'+52
STA 531'WB'+75 TO STA 536'WB'+92 STA 526'EB'+08 TO STA 531'EB'+25
STA 570'WB'+34 TO STA 575'WB'+51 STA 564'EB'+66 TO STA 569'EB'+83
STA 597'WB'+94 TO STA 603'WB'+11 STA 592'EB'+26 TO STA 597'EB'+44



FINISHED TYPICAL HALF SECTION

LEFT TURN LANE - RURAL INTERSECTION

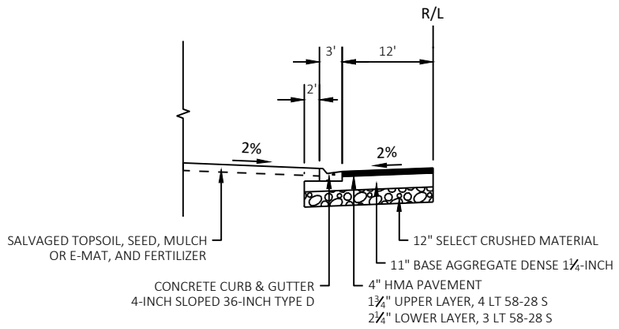
STA 552'WB'+79 TO STA 558'WB'+98 STA 545'EB'+68 TO STA 552'EB'+13
STA 588'WB'+37 TO STA 593WB'+73 STA 581'EB'+34 TO STA 587'EB'+74
STA 616'WB'+08 TO STA 622'WB'+55 STA 609'EB'+00 TO STA 615'EB'+46



FINISHED TYPICAL HALF SECTION

RIGHT TURN LANE - RURAL INTERSECTION

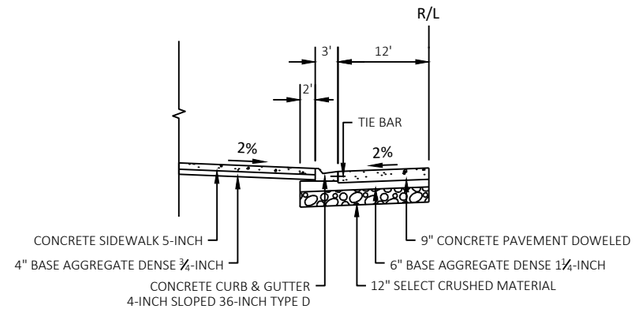
STA 553'WB'+08 TO STA 557'WB'+33 STA 488'EB'+03 TO STA 492'EB'+29
STA 588'WB'+87 TO STA 593WB'+11 STA 546'EB'+63 TO STA 551'EB'+88
STA 616'WB'+31 TO STA 620'WB'+57 STA 610'EB'+98 TO STA 615'EB'+23



FINISHED TYPICAL HALF SECTION

LEFT TURN LANE - URBAN CROSSOVER

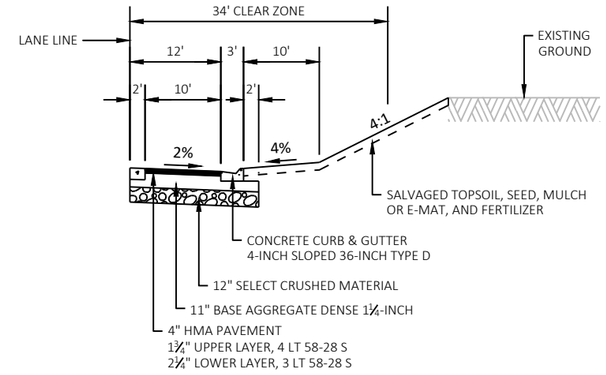
STA 642'WB'+13 TO STA 647'WB'+13 STA 636'EB'+08 TO STA 641'EB'+08



FINISHED TYPICAL HALF SECTION

LEFT TURN LANE - URBAN INTERSECTION

STA 648'EB'+07 TO STA 653'EB'+02



FINISHED TYPICAL HALF SECTION

RIGHT TURN LANE - URBAN INTERSECTION

STA 648'EB'+07 TO STA 652'EB'+75

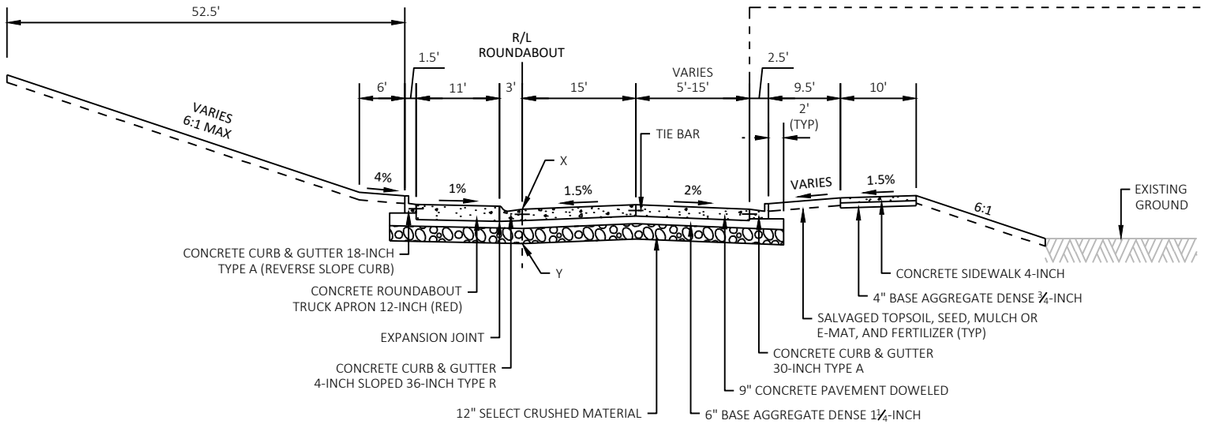
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

NOTES

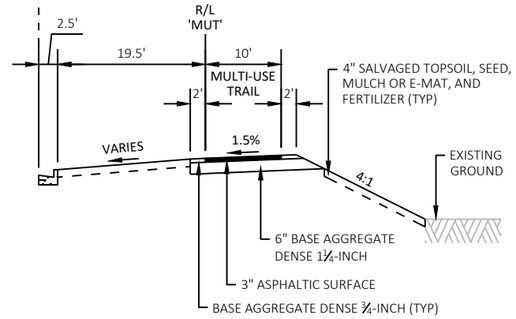
SECTIONS ARE DRAWN LOOKING IN THE DIRECTION OF TRAVEL.

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 11	E

FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020302-TS.DWG
LAYOUT NAME - Finished-04
PLOT DATE : 9/25/2019 9:11 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : 1 IN:20 FT_1
WISDOT/CADDS SHEET 42



FINISHED TYPICAL HALF SECTION
ROUNDABOUT
STA 10'JJR'+00.00 - STA 14'JJR'+27.26



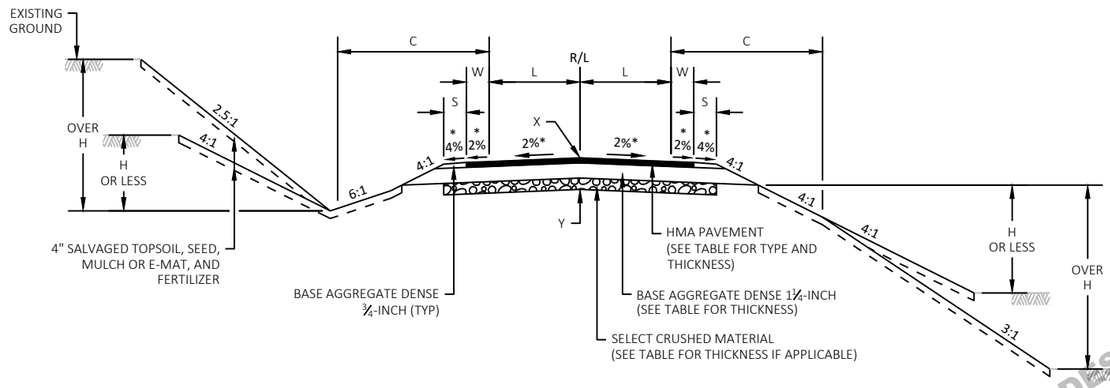
TRAIL SECTION
ROUNDABOUT

LOCAL ROADS

ROAD	PAVEMENT		AGGREGATE SHOULDER	CLEAR ZONE	SIDE SLOPE	PAVEMENT STRUCTURE				HMA PAVEMENT LAYER THICKNESS	
	LANE WIDTH (L)	SHOULDER WIDTH (W)	WIDTH (S)	WIDTH (C)	HEIGHT (H)	HMA TYPE	HMA THICKNESS	B.A.D. 1¼-INCH THICKNESS	SELECT CRUSHED MATERIAL THICKNESS	UPPER SUFRACE LAYER	LOWER SURFACE LAYER
LOCAL CUL-DE SAC	10'	2'	1'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
CTH JJ	12'	4'	4'	26'	15'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	5.0"	10.0"	9.0	1¾"	3¼"
MANLEY RD	11'	3'	1'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
MANLEY RD (NORTH)	11'	1'	3'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
MANLEY RD (NORTH) NORTH OF MILL AND OVERLAY	11'	1'	3'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
NORTH RD	11'	3'	3'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
HILLVIEW RD	10'	2'	2'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
BENNETT CIR	10'	2'	2'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"
CLOVER LN	10'	2'	1'	10'	10'	4 LT 58-28 S UPPER 3 LT 58-28 S LOWER	4.0"	12.0"	N/A	1¾"	2¼"

NOTES

"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)

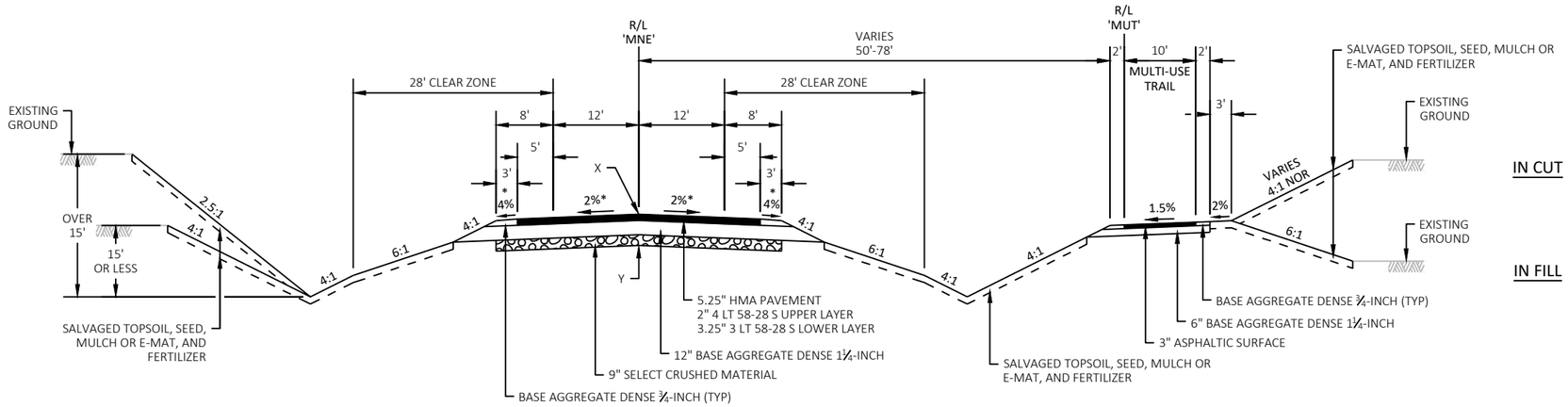


IN CUT IN FILL

FINISHED TYPICAL SECTION
LOCAL ROADS - SEE TABLE

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

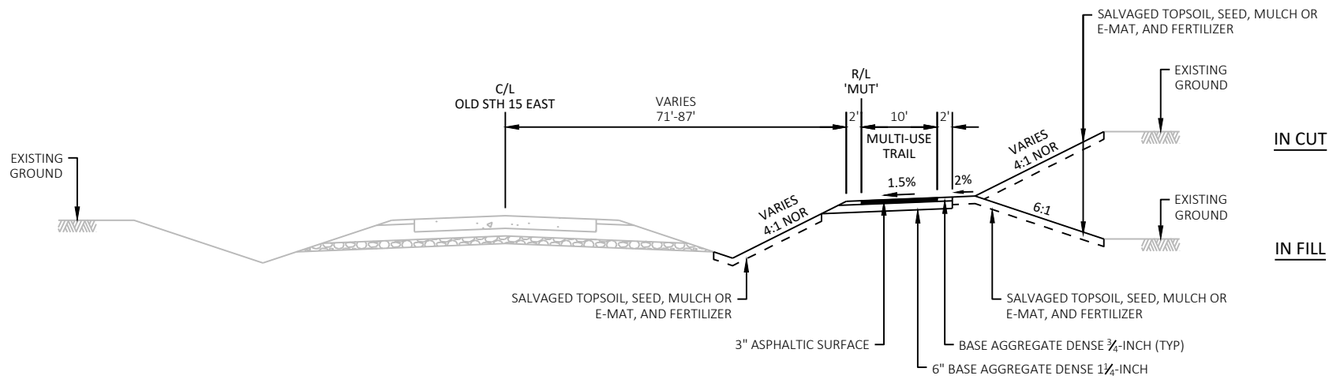
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 12	E



FINISHED TYPICAL SECTION

OLD STH 15 EAST

STA 258'MNE'+60 TO STA 290'MNE'+82
(STA 953'MUT'+40 TO STA 994'MUT'+12)



FINISHED TYPICAL SECTION

MULTI-USE TRAIL ALONG OLD STH 15 EAST

STA 250'MNE'+59 TO STA 258'MNE'+60
(STA 945'MUT'+32 TO STA 953'MUT'+40)

NOTES

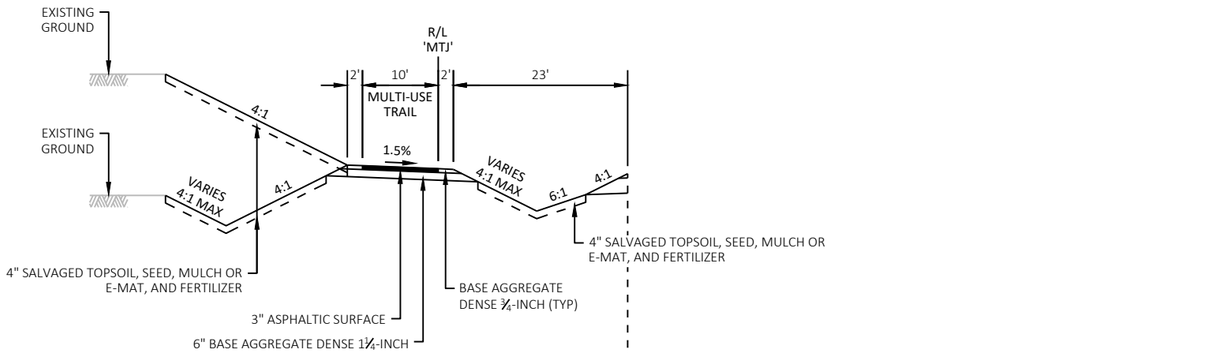
"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 13	E

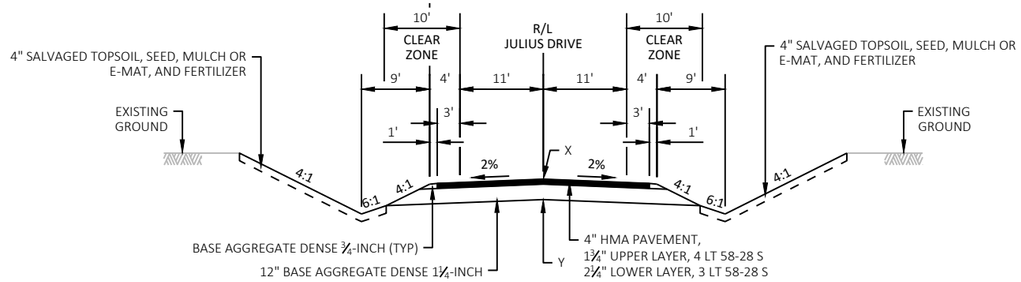
FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020302-TS.DWG
LAYOUT NAME - Finished-06
PLOT DATE : 9/25/2019 9:11 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : 1 IN:20 FT_1

2



MULTI-USE TRAIL SECTION

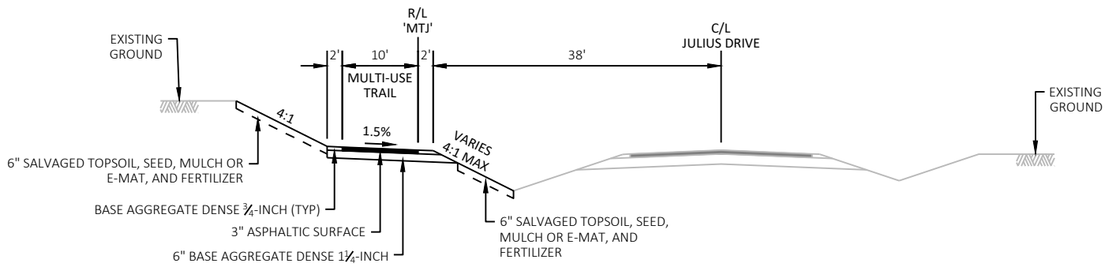
STA 35'JUL'+50 TO STA 41'JUL'+72
(STA 135'MTJ'+50 TO STA 142'MTJ'+24)



FINISHED TYPICAL SECTION

JULIUS DRIVE

STA 35'JUL'+50 TO STA 49'JUL'+00



NOTES

"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)

FINISHED TYPICAL SECTION

MULTI-USE TRAIL ALONG JULIUS DRIVE SOUTH OF STH 15

STA 20'JUL'+25 TO STA 35'JUL'+50
(STA 120'MTJ'+25 TO STA 135'MTJ'+50)

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 14	E

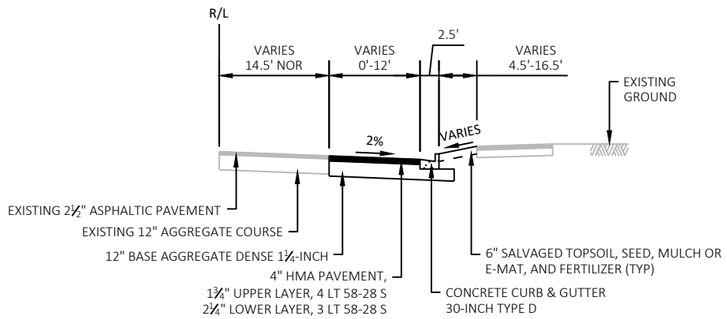
FILE NAME : C:\PW_WORKDIR\DEN001\JEG_STEVENS\D1086473\11467572-020302-TS.DWG
LAYOUT NAME - Finished-07

PLOT DATE : 9/25/2019 9:11 AM PLOT BY : STEVENSON, SCOTT PLOT NAME : PLOT SCALE : 1 IN:20 FT_1

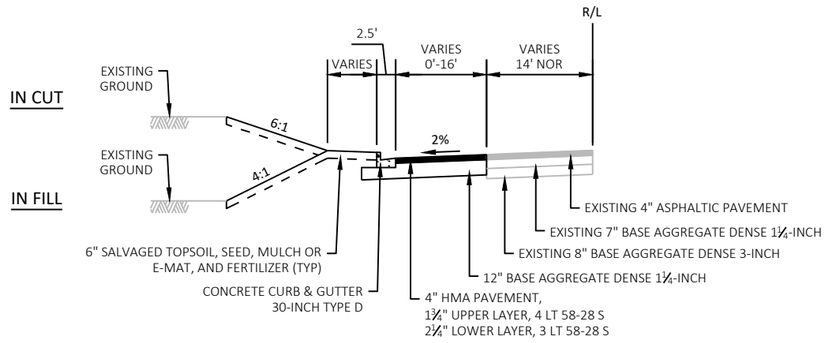
2

NOTES

"X" = POINT REFERENCED TO ON PROFILE (PROFILE GRADE LINE - PGL)
"Y" = SUBGRADE REFERRED TO ON CROSS SECTIONS
* CROSS SLOPE VARIES DUE TO SUPERELEVATION (SEE CROSS SECTIONS AND SUPERELEVATION TABLE FOR FURTHER DETAILS)



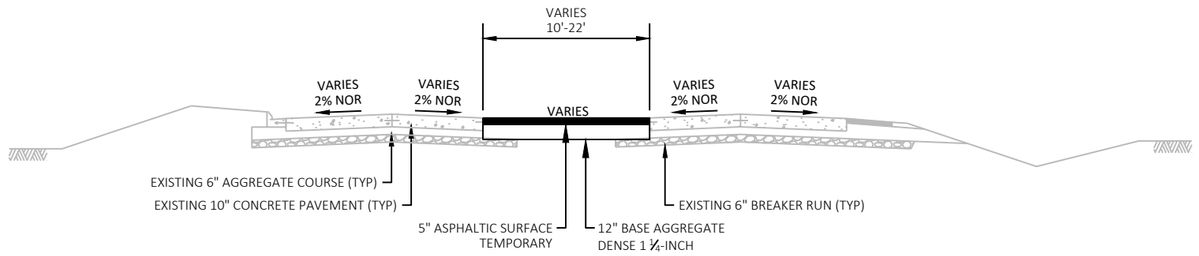
FINISHED TYPICAL HALF SECTION
LILY OF THE VALLEY
STA 11'LOV'+80 TO STA 14'LOV'+54



FINISHED TYPICAL HALF SECTION
LILY OF THE VALLEY
STA 15'LOV'+48 TO STA 18'LOV'+00

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

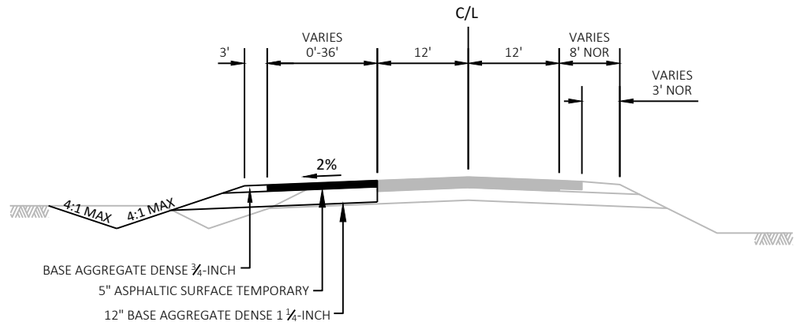
2



FINISHED TYPICAL SECTION

STH 15 MEDIAN CROSSOVER

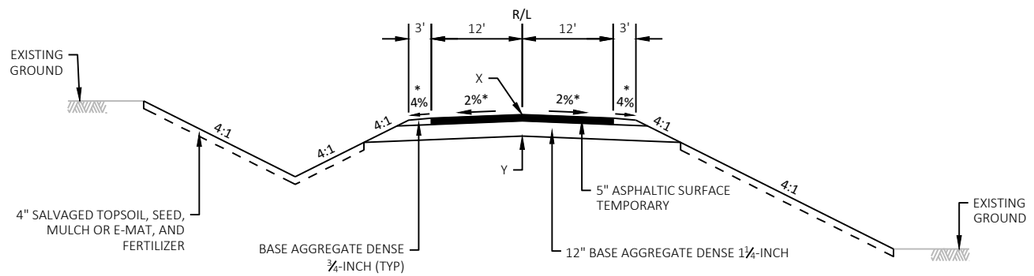
STA 654'EB'+23 TO STA 664'EB'+96



FINISHED TYPICAL SECTION

STH 15 TEMPORARY WIDENING

STA 616'EB'+74 TO STA 653'EB'+07



IN CUT

IN FILL

FINISHED TYPICAL SECTION

TEMPORARY ROAD

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: FINISHED TYPICAL SECTIONS	SHEET 16	E

NOTES:

SIDE ROAD INTERSECTIONS SHALL CONFORM TO STANDARD DETAIL DRAWINGS FOR "AT-GRADE SIDE ROAD INTERSECTIONS".

SEE PLANS FOR TYPE OF INTERSECTION REQUIRED.

PAVEMENT MARKINGS SHALL CONFORM TO STANDARD DETAIL DRAWINGS FOR "PAVEMENT MARKING (INTERSECTIONS)".

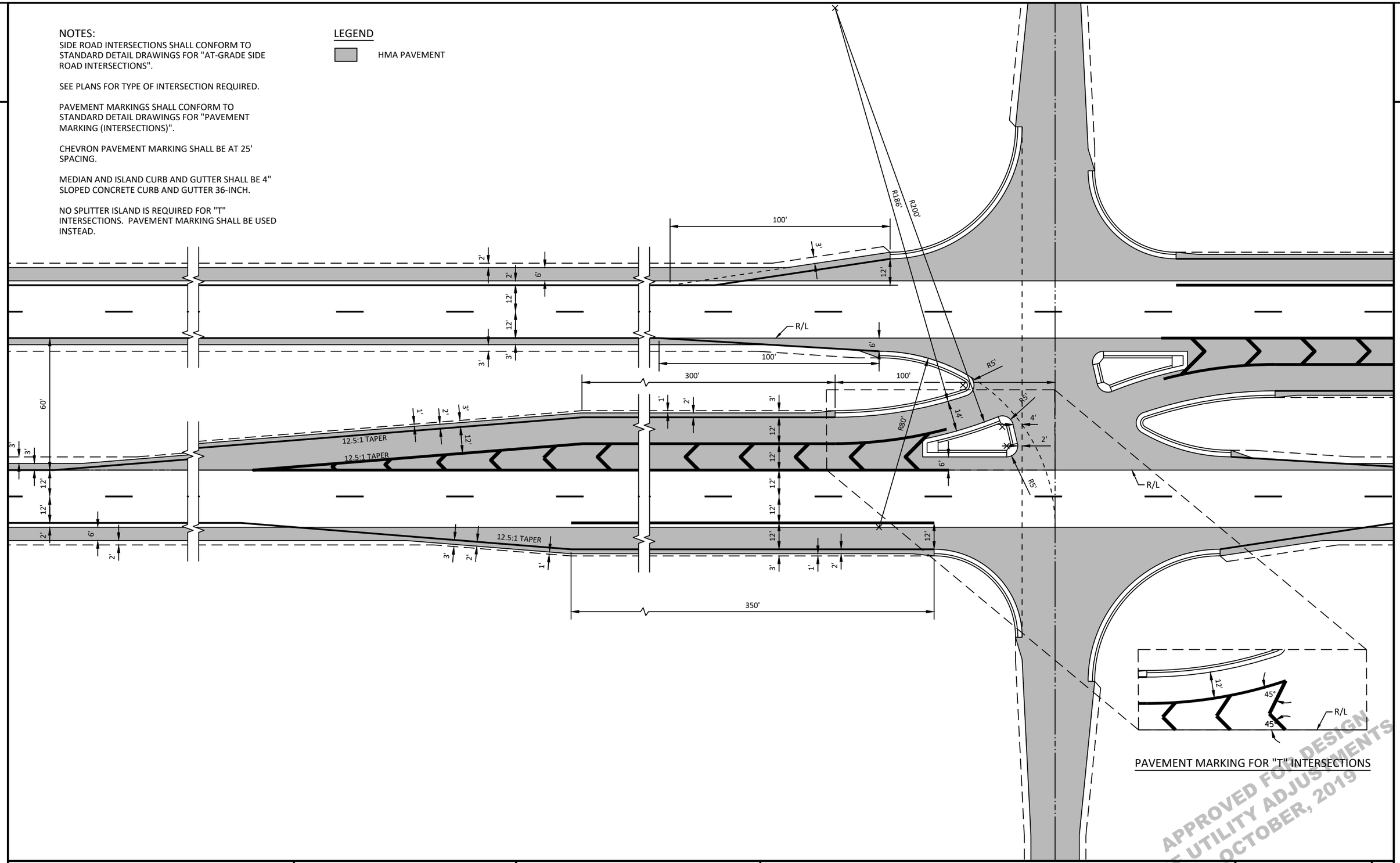
CHEVRON PAVEMENT MARKING SHALL BE AT 25' SPACING.

MEDIAN AND ISLAND CURB AND GUTTER SHALL BE 4" SLOPED CONCRETE CURB AND GUTTER 36-INCH.

NO SPLITTER ISLAND IS REQUIRED FOR "T" INTERSECTIONS. PAVEMENT MARKING SHALL BE USED INSTEAD.

LEGEND

HMA PAVEMENT



PAVEMENT MARKING FOR "T" INTERSECTIONS

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

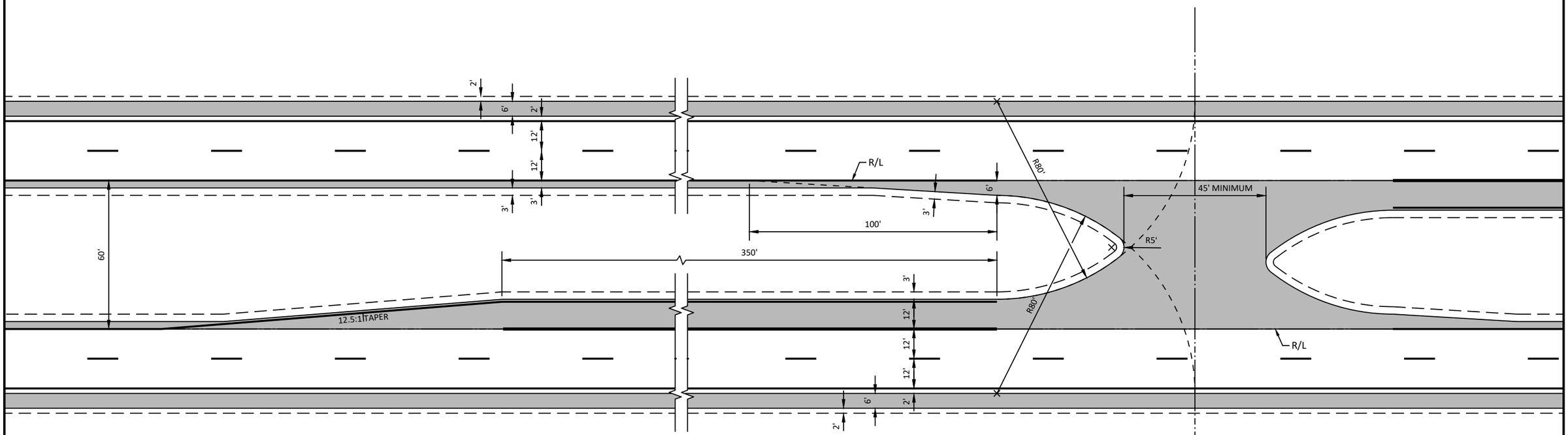
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - RURAL INTERSECTION TURN LANES	SHEET 17	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-01
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

HMA PAVEMENT



STA 570'EB'+09
STA 597'EB'+69

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - RURAL MEDIAN CROSSOVERS	SHEET 18	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-02

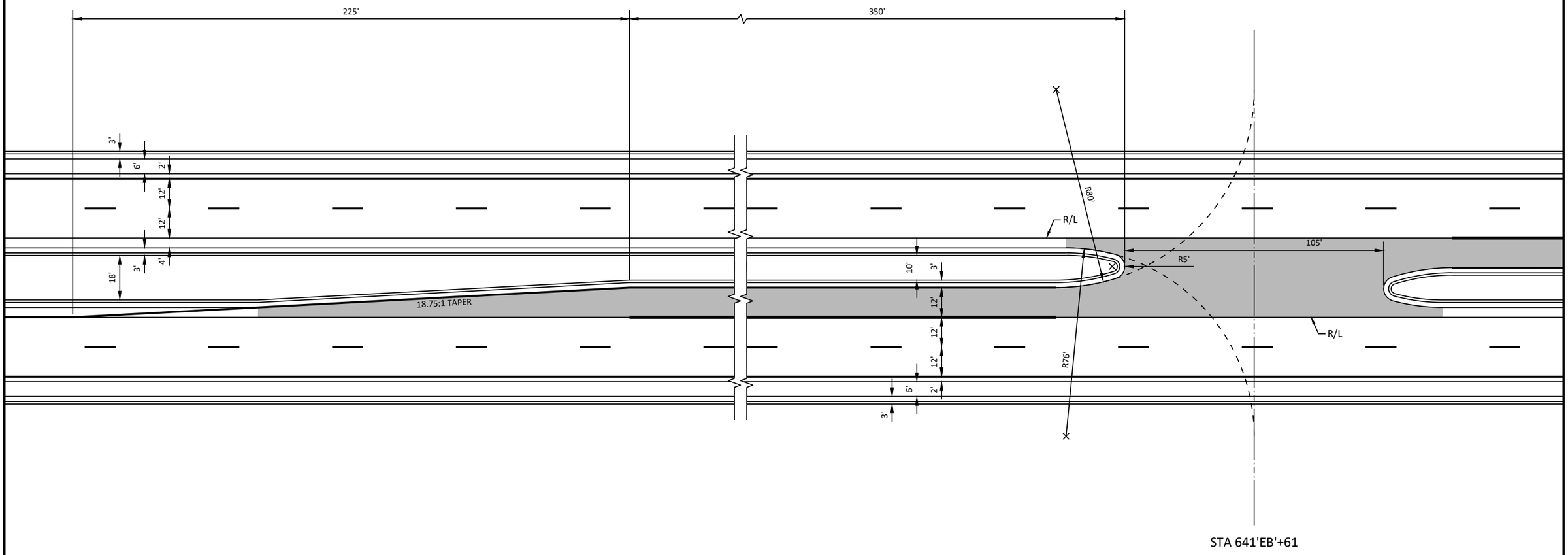
PLOT DATE : 9/16/2019 1:37 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

HMA PAVEMENT



APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

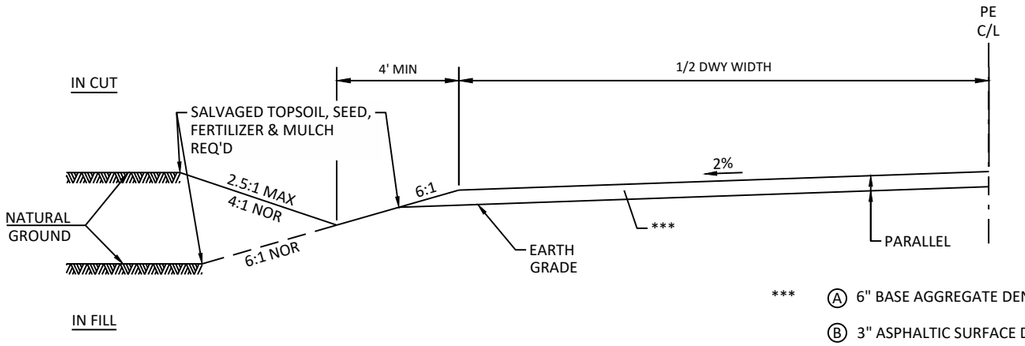
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - URBAN MEDIAN CROSSOVERS	SHEET 19	E

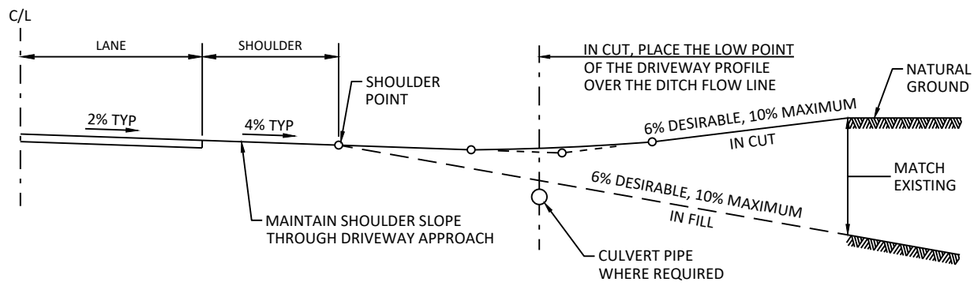
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-03

PLOT DATE : 9/16/2019 1:37 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2





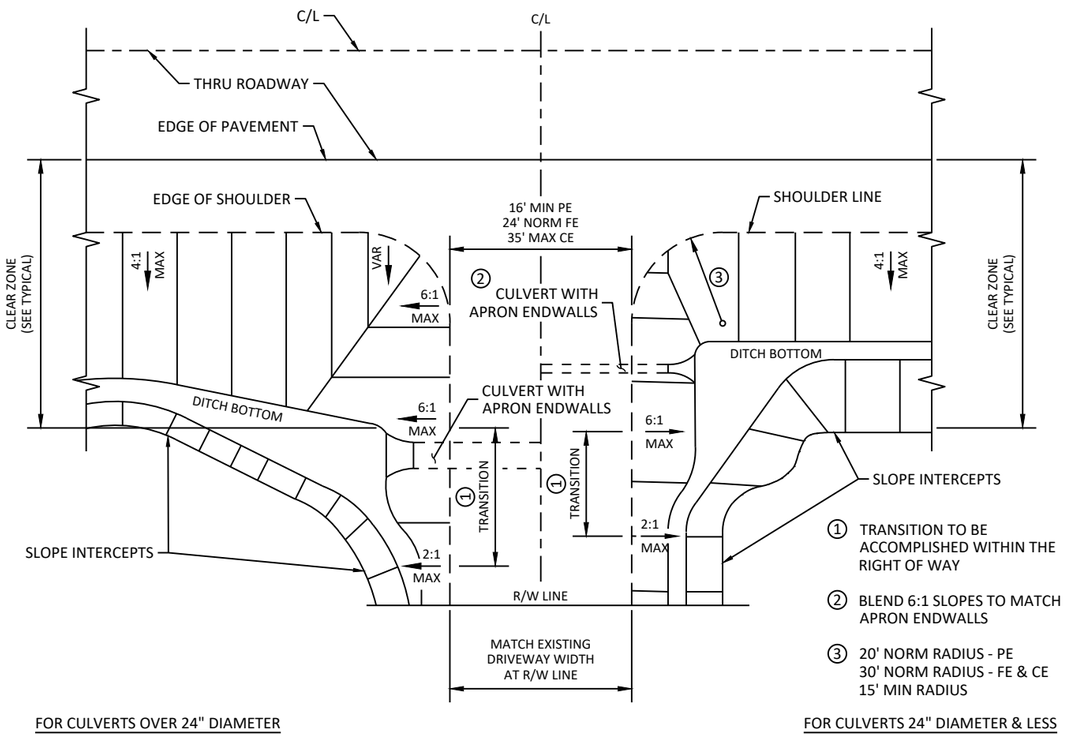
*** (A) 6" BASE AGGREGATE DENSE ¾-INCH

(B) 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OR SAME THICKNESS AS EXISTING OVER 6" BASE AGGREGATE DENSE ¾-INCH

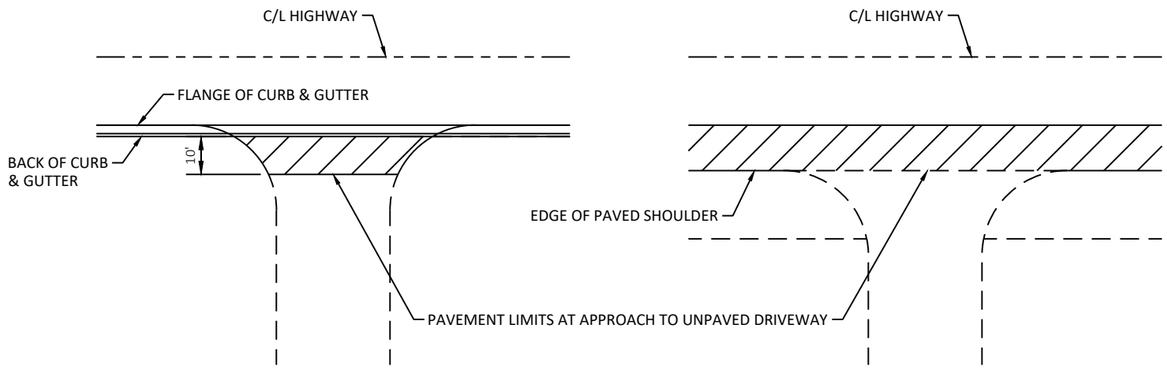
(C) CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE ¾-INCH

TYPICAL RURAL DRIVEWAY CROSS SECTION

TYPICAL RURAL DRIVEWAY PROFILE



RURAL DRIVEWAY GRADING AND/OR PAVING DETAIL



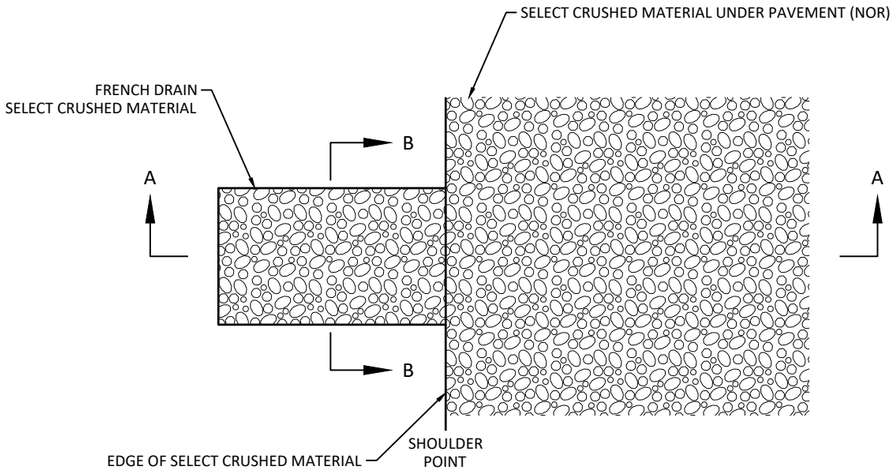
RURAL DRIVEWAY PAVEMENT LIMITS

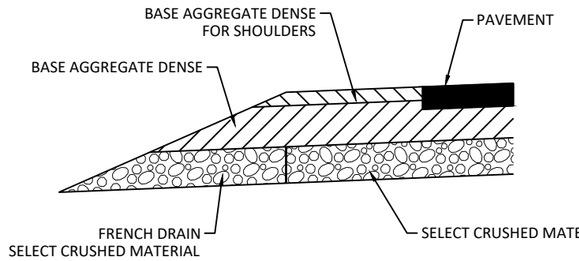
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - RURAL DRIVEWAY DETAIL	SHEET 20	E

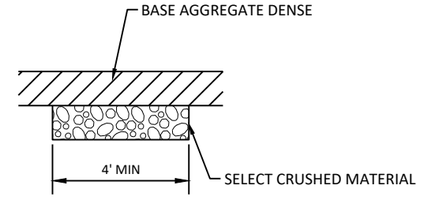
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-04
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





SECTION A-A



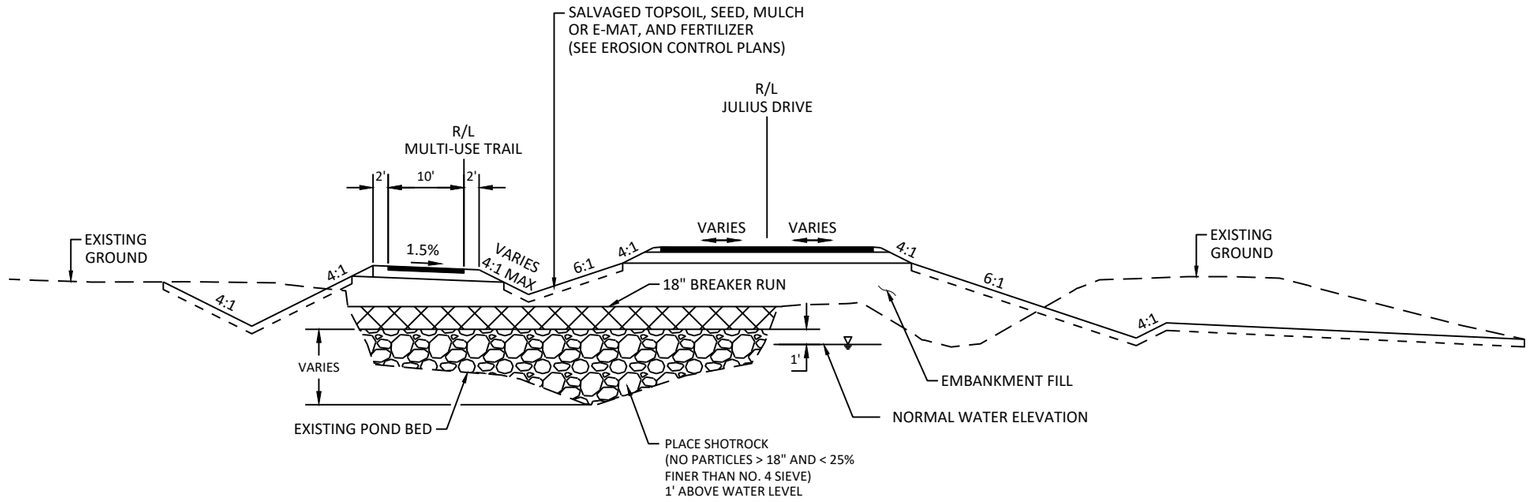
SECTION B-B

DETAIL FOR FRENCH DRAINS

DRAINS ARE TO BE CONSTRUCTED AT A MINIMUM OF EVERY 250' AND AT EACH LOW POINT OF A SAG VERTICAL CURVE IN THE PROFILE.

LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL.



NOTE:

SEE CROSS SECTIONS FOR APPROXIMATE POND DEPTHS AT EACH LOCATION.

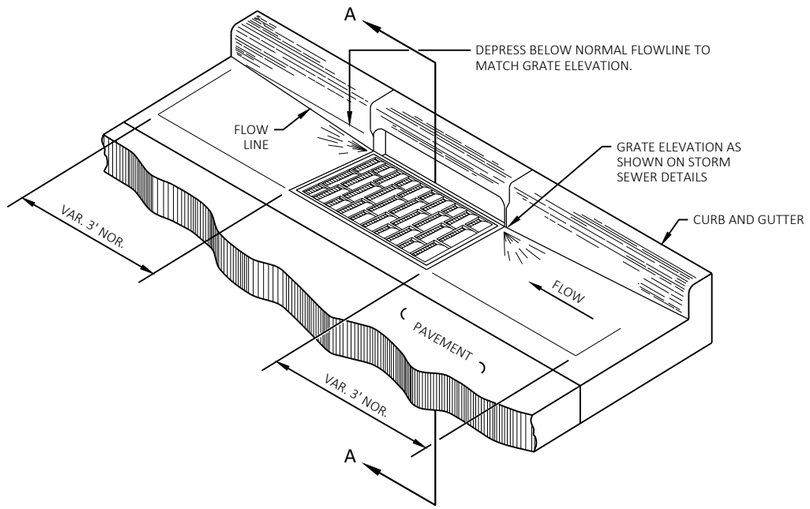
JULIUS POND FILL DETAIL

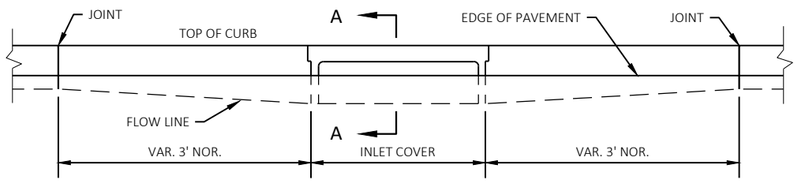
STA. 40'JUL'+00 (LT)

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

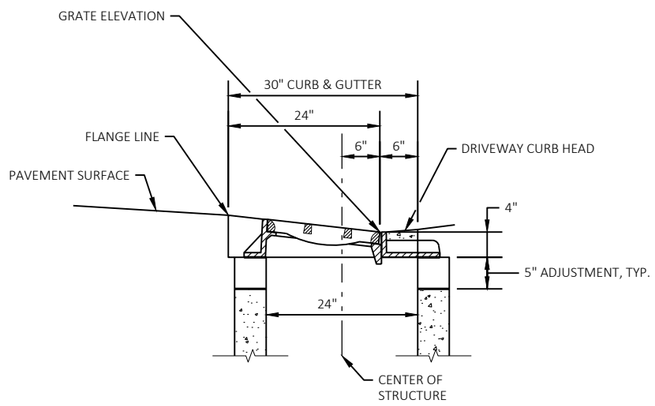
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - FRENCH DRAIN & JULIUS POND FILL DETAIL	SHEET 21	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-05
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



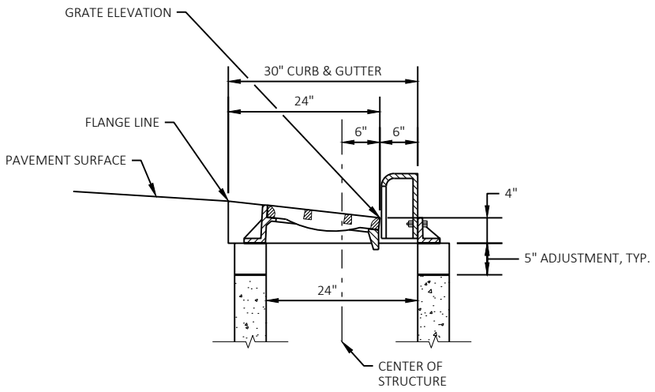


ELEVATION



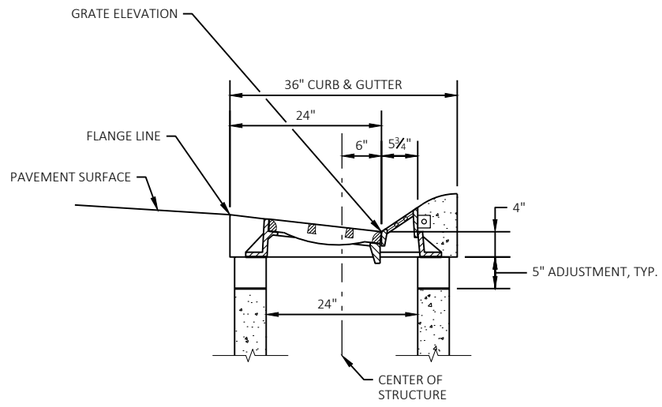
(INLETS 2'X3'-HC & 2'X3'-HC-S)

SECTION A-A



(INLETS 2'X3'-H & 2'X3'-HS)

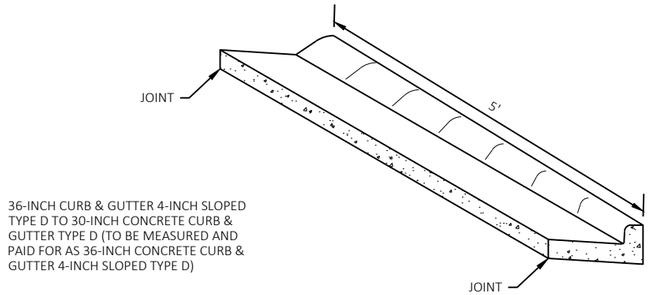
SECTION A-A



(INLETS 2'X3'-HM & 2'X3'-HM-S)

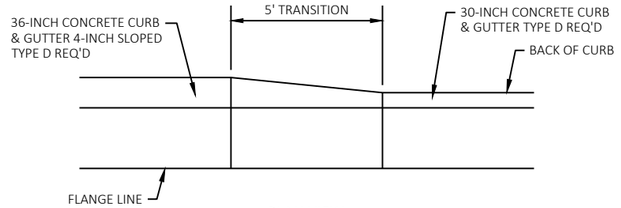
SECTION A-A

CURB AND GUTTER DETAIL AT INLETS



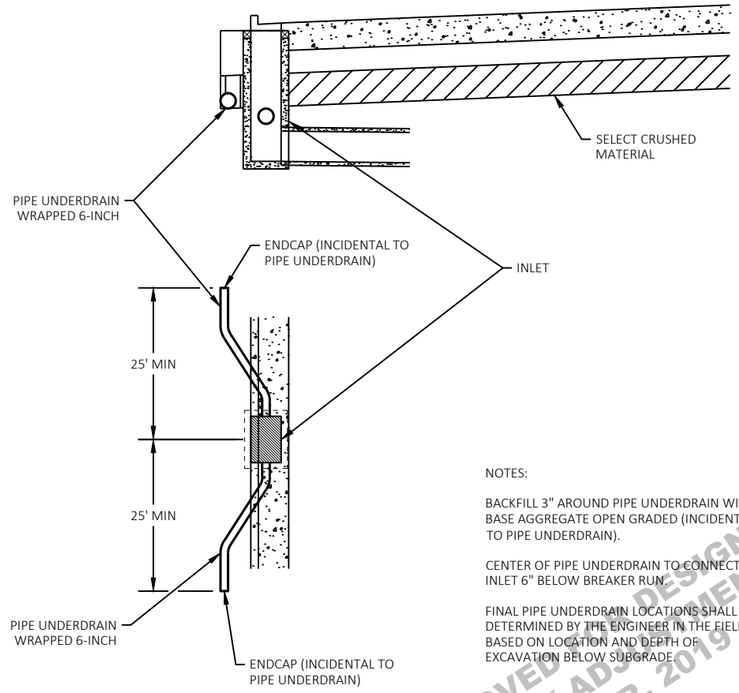
36-INCH CURB & GUTTER 4-INCH SLOPED TYPE D TO 30-INCH CONCRETE CURB & GUTTER TYPE D (TO BE MEASURED AND PAID FOR AS 36-INCH CONCRETE CURB & GUTTER 4-INCH SLOPED TYPE D)

ISOMETRIC VIEW



PLAN VIEW

DETAIL OF CURB & GUTTER TRANSITION



NOTES:

BACKFILL 3" AROUND PIPE UNDERDRAIN WITH BASE AGGREGATE OPEN GRADED (INCIDENTAL TO PIPE UNDERDRAIN).

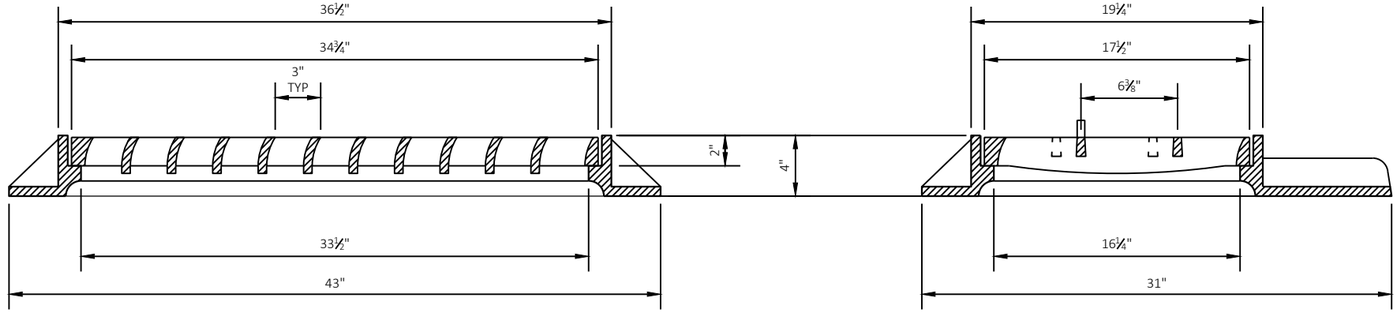
CENTER OF PIPE UNDERDRAIN TO CONNECT TO INLET 6" BELOW BREAKER RUN.

FINAL PIPE UNDERDRAIN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD BASED ON LOCATION AND DEPTH OF EXCAVATION BELOW SUBGRADE.

DETAIL FOR PIPE UNDERDRAIN AT CURB & GUTTER INLETS

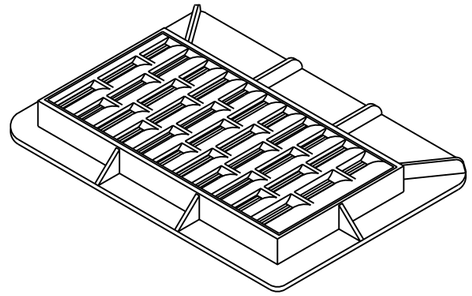
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

2



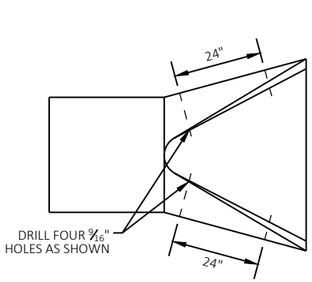
FRONT VIEW

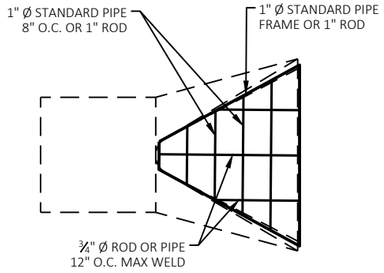
SIDE VIEW

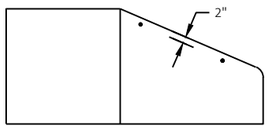


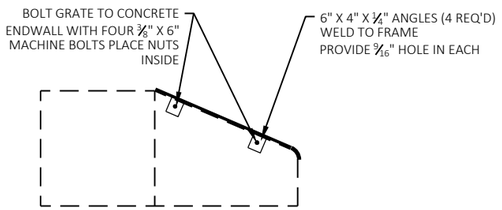
ISOMETRIC VIEW

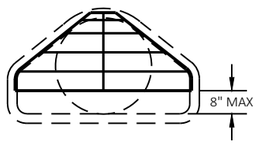
INLET COVER TYPE HC



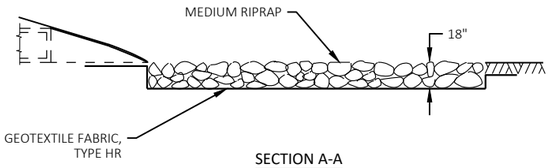




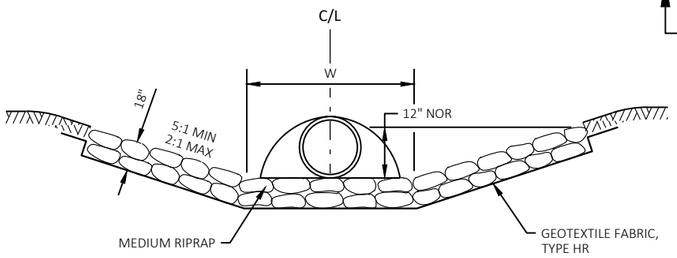




PIPE GRATE DETAIL

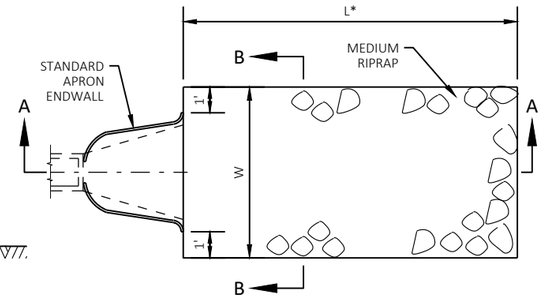


SECTION A-A



SECTION B-B

* L = 2W OR AS DIRECTED BY THE ENGINEER



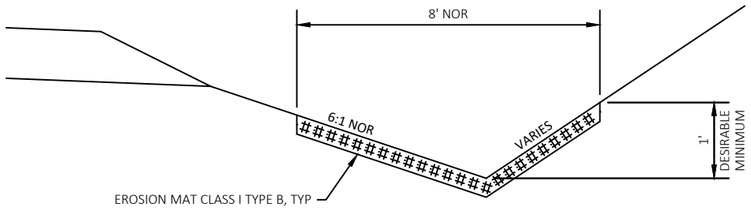
PLAN VIEW

MEDIUM RIPRAP AND GEOTEXTILE FABRIC
DETAIL AT APRON ENDWALLS

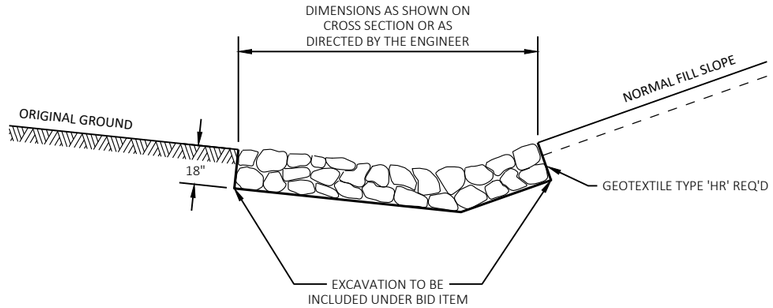
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - DRAINAGE & EROSION CONTROL DETAILS	SHEET 23	E

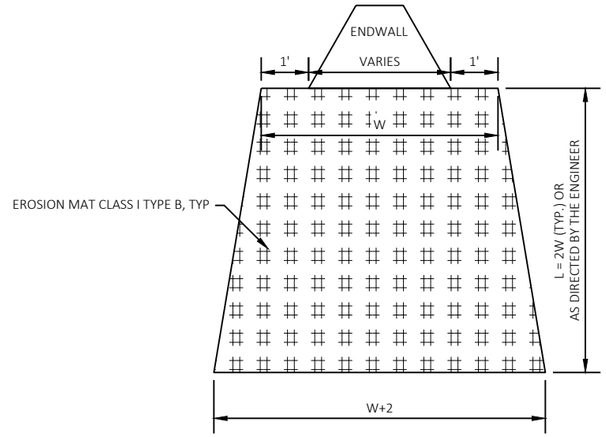
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-07
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



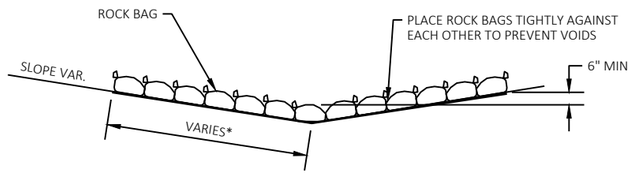
EROSION MAT DETAIL FOR DITCHES



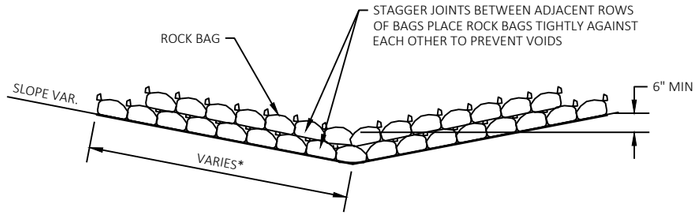
DETAIL FOR RIPRAP MEDIUM IN DITCHES



EROSION MAT TREATMENT AT CULVERTS



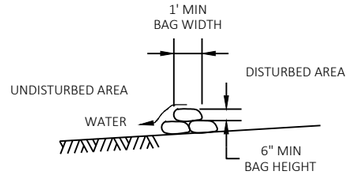
SIDE VIEW (SINGLE LAYER)



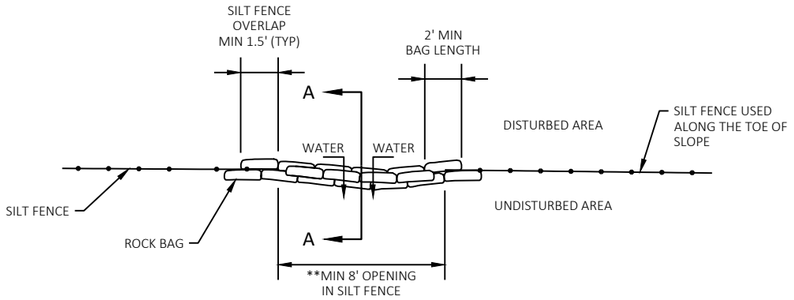
* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING ON DESIRED DEPTH OF WATER POOL

SIDE VIEW (MULTIPLE LAYER)

ROCK BAGS USED FOR DITCH CHECKS



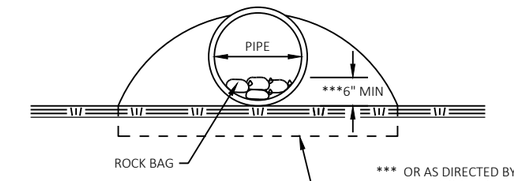
SECTION A-A



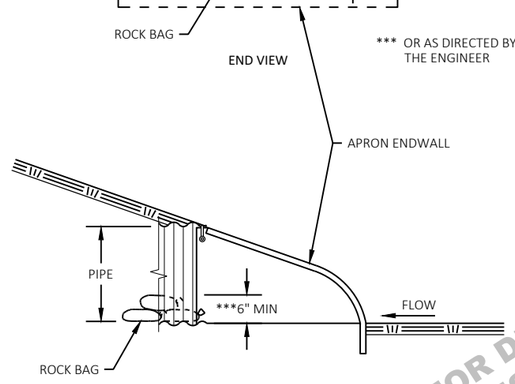
** 17 ROCK BAGS MINIMUM PER 8' OPENING.

PLAN VIEW

ROCK BAGS USED FOR SILT FENCE RELIEF POINT



END VIEW



SIDE VIEW

ROCK BAGS USED FOR CULVERT PIPE CHECKS

ROCK BAGS DETAIL

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - EROSION CONTROL DETAILS	SHEET 24	E

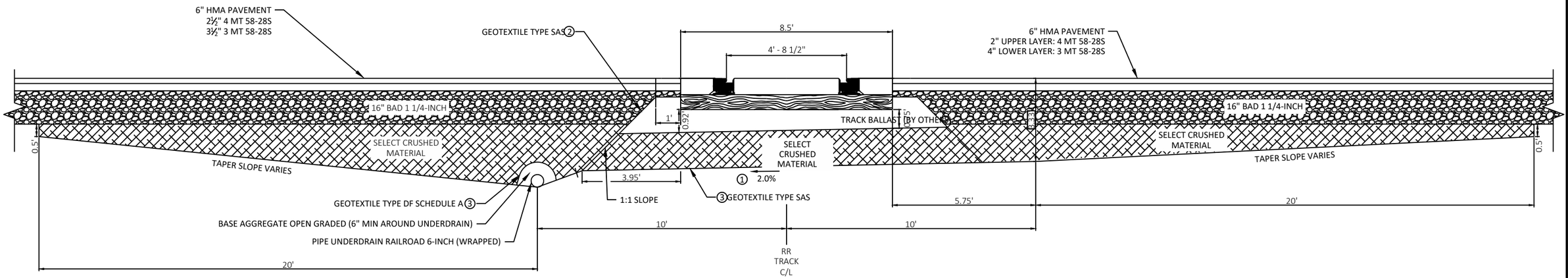
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-08
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

1. 2% CROSS SLOPE REQUIRED ON THE SELECT CRUSHED MATERIAL. SLOPE IS CONTINUOUS AND DOES NOT CROWN AT THE TRACK CENTERLINE.

2. GEOTEXTILE TYPE SAS PLACED IN ORDER TO PROVIDE SEPARATION BETWEEN ROADWAY BASE COURSE AND TRACK BALLAST.

3. GEOTEXTILE TYPE SAS PLACED TO PROVIDE SEPARATION UNDER THE UNDERDRAIN. GEOTEXTILE TYPE DF SCHEDULE A AND BASE AGGREGATE OPEN GRADED PLACED TO PROVIDE 6 INCHES OF SEPARATION BETWEEN TOP OF UNDERDRAIN AND SELECT CRUSHED MATERIAL.



TYPICAL CROSS SECTION - RAILROAD CROSSING DETAIL

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - RAILROAD CROSSING	SHEET 25	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021001-CD.DWG
LAYOUT NAME - CD-09
PLOT DATE : 9/16/2019 1:37 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

PIPE UNDERDRAIN RAILROAD
6-INCH PERFORATED
OUTFALL

623'RRC'

622'RRC'

ULTIMATE SIGNAL FOR USE IN STAGE 2A
REMOVE GATE PRIOR TO OPERATION

END TAPER
STA 516'WB'+93.47

511'WB' 512'WB' 513'WB' 514'WB' 515'WB' 516'WB' 517'WB' 518'WB'

END TAPER
STA 516'WB'+87.52

TEMPORARY SIGNAL FOR USE IN STAGE 2A
TO BE REMOVED IN ULTIMATE CONFIGURATION

PROPOSED CULVERT

BEGIN TAPER
STA 512'EB'+58.88

511'EB' 512'EB' 513'EB' 514'EB' 515'EB' 516'EB' 517'EB' 518'EB'

PIPE UNDERDRAIN RAILROAD
6-INCH PERFORATED

BEGIN TAPER
STA 512'EB'+52.88

PROPOSED CULVERT

619'RRC'

PROPOSED BUNGALOW

1020'MUT'

1026'MUT'

EXCAVATION LIMITS FOR RAILROAD
CROSSING SUB-GRADE IMPROVEMENTS

1024'MUT'

WETLAND LIMITS (TYP)

618'RRC'

1022'MUT'

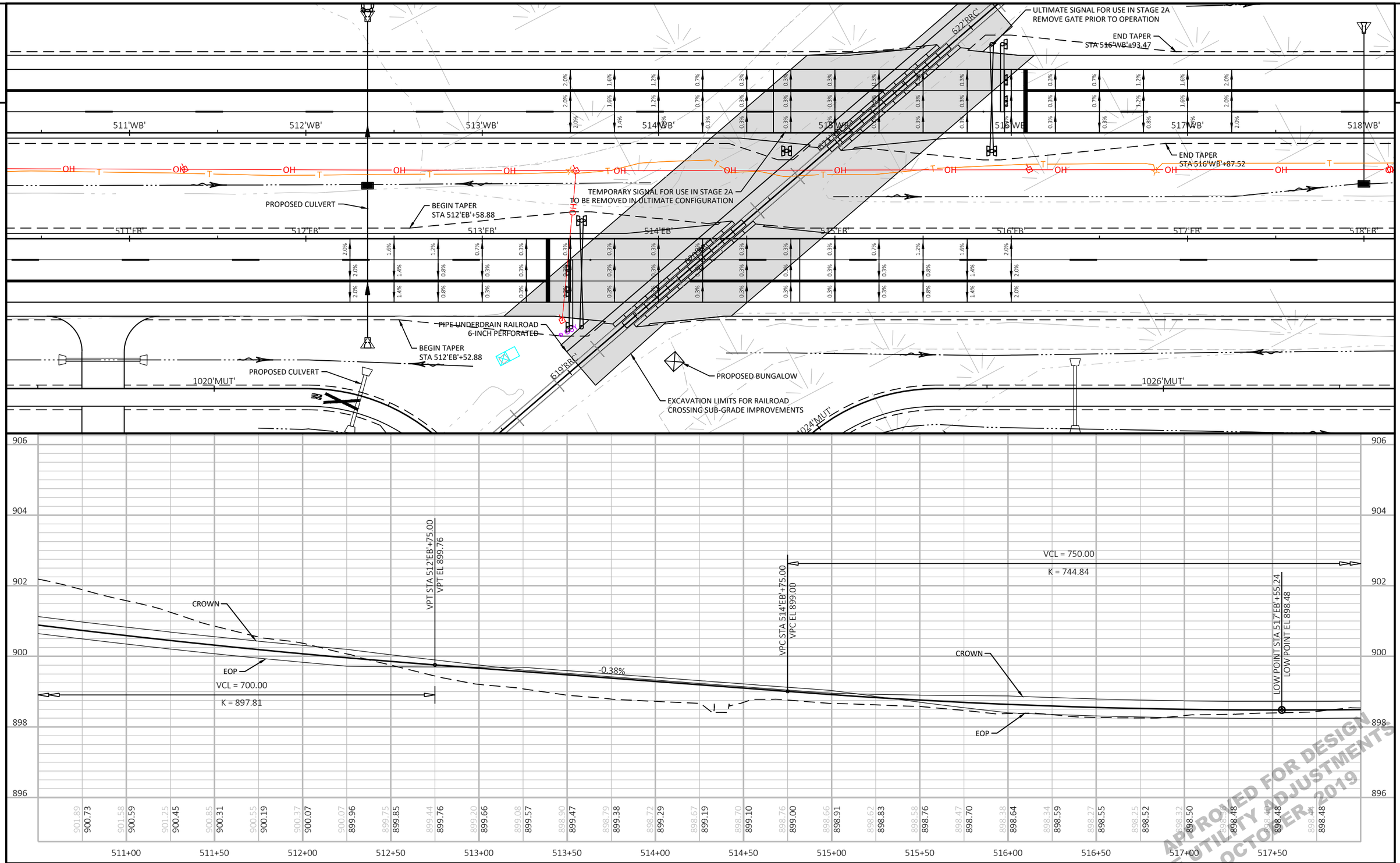
617'RRC'

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS: RAILROAD CROSSING STH 15	SHEET 26	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021006-CD.DWG
LAYOUT NAME - RRC-01

PLOT DATE : 10/10/2019 11:14 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS: STH 15 - EB PGL, CROWN, EOP	SHEET 27	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021006-CD.DWG
LAYOUT NAME - RRC-02

PLOT DATE : 10/10/2019 11:15 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

PIPE UNDERDRAIN RAILROAD
6-INCH PERFORATED
OUTFALL

623'RRC'

522'RRC'

ULTIMATE SIGNAL FOR USE IN STAGE 2A
REMOVE GATE PRIOR TO OPERATION

END TAPER
STA 516'WB'+93.47

512'WB' 513'WB' 514'WB' 515'WB' 516'WB' 517'WB' 518'WB' 519'WB'

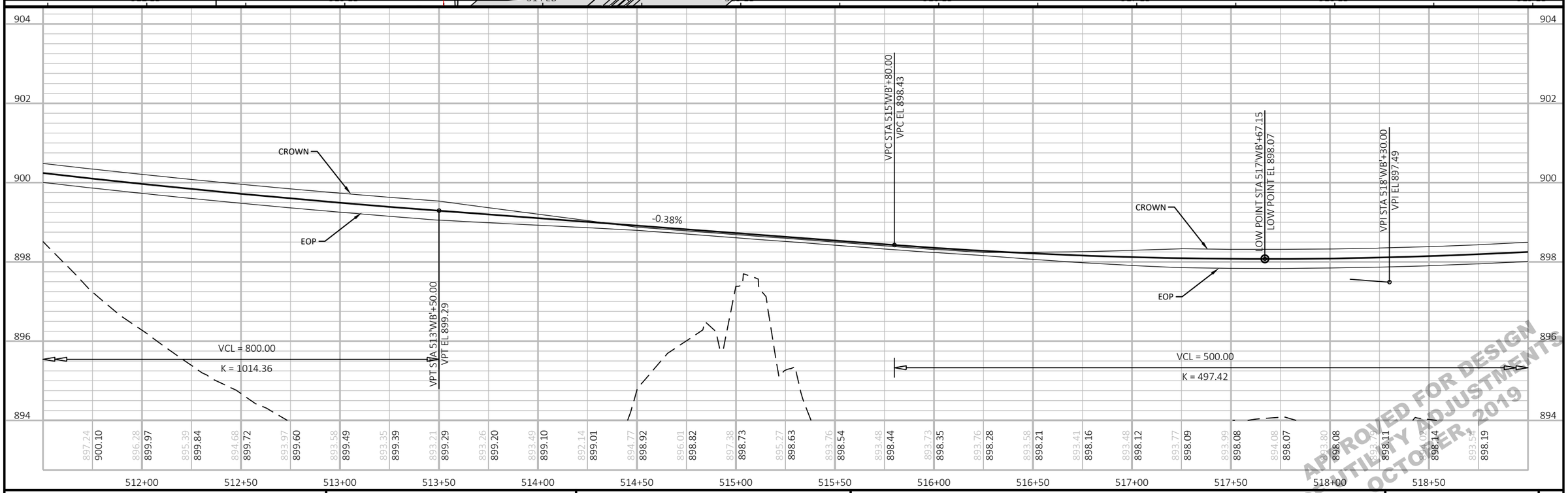
END TAPER
STA 516'WB'+87.52

TEMPORARY SIGNAL FOR USE IN STAGE 2A
TO BE REMOVED IN ULTIMATE CONFIGURATION

PROPOSED CULVERT

BEGIN TAPER
STA 512'EB'+58.88

512'EB' 513'EB' 514'EB' 515'EB' 516'EB' 517'EB' 518'EB' 519'EB'

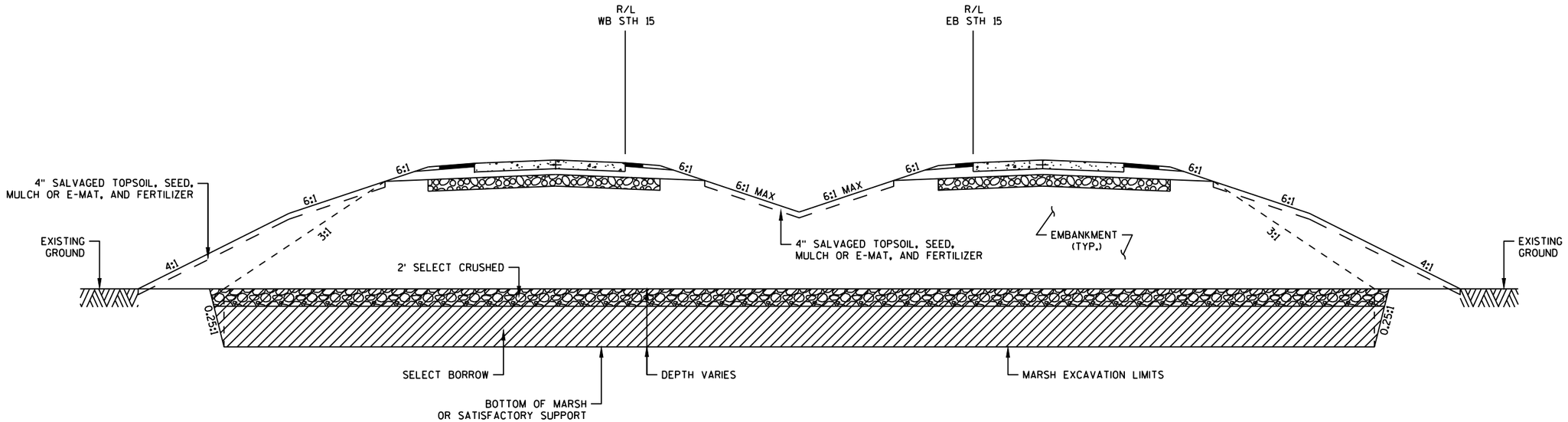


APPROVED FOR DESIGN
OPUTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS: STH 15 - WB PGL, CROWN, EOP	SHEET 28	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021006-CD.DWG
LAYOUT NAME - RRC-03
PLOT DATE : 10/10/2019 11:16 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2



MARSH EXCAVATION DETAIL
STH 15

NOTES:
1. LIMITS OF MARSH EXCAVATION SHALL EXTEND TO 3:1 SLOPE INTERCEPT AS A MINIMUM.
2. ROADWAY EMBANKMENT SHALL BE USED FOR BACKFILL BETWEEN NORMAL ROADWAY CORE (1:1 SLOPE INTERCEPT FROM SUBGRADE SHOULDER POINT) AND 3:1 SLOPE INTERCEPT.
3. MARSH DISPOSAL IS NOT ALLOWED WITHIN ROADWAY EMBANKMENT LIMITS.
4. THE AREA OF SELECT CRUSHED AND SELECT BORROW USED TO BACKFILL THE MARSH EXCAVATION AS SHOWN ABOVE IS NOT INCLUDED IN THE ROADWAY EMBANKMENT QUANTITY AND WILL NOT BE PAID AS ROADWAY EMBANKMENT.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2

EXISTING DRY
STORMWATER BASIN

N

EMERGENCY
RIPRAP
SPILLWAY
(SEE DETAIL)

TLE

873.5

874

875

875.5

TOP OF BERM

875.5

TOP OF BERM

19

INV=873.00

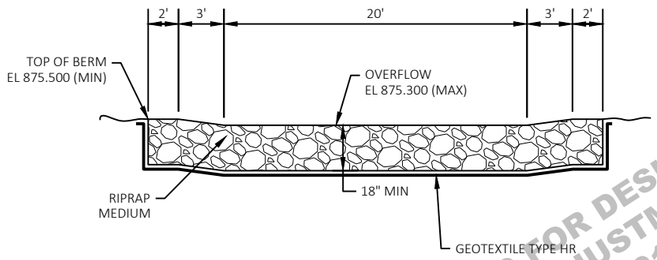
12"

RIPRAP

18

INV=872.25

RIPRAP
MEDIUM



EMERGENCY RIPRAP SPILLWAY

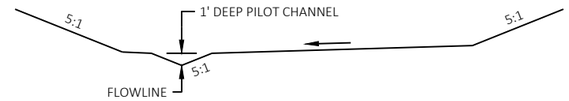
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - FAITH POND REGRADING DETAIL	SHEET 30	E

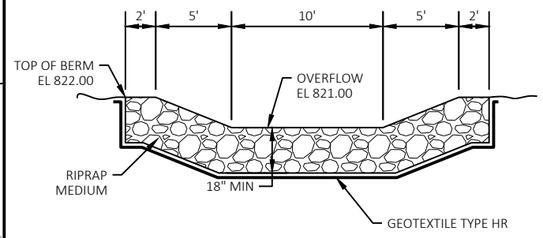
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021002-CD.DWG
LAYOUT NAME - Faith Pond Detail
PLOT DATE : 9/16/2019 2:27 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

STORMWATER POND NOTES

- POND 'LILY' IS A DRY BASIN WITH THE SURFACE HAVING GRASS VEGETATION.
- PAY SPECIAL ATTENTION TO THE BOTTOM OF THE BASIN AFTER CONSTRUCTION TO ENSURE VEGETATION IS ESTABLISHED AND ARMORING IS ADEQUATE TO PROTECT AGAINST EROSION.

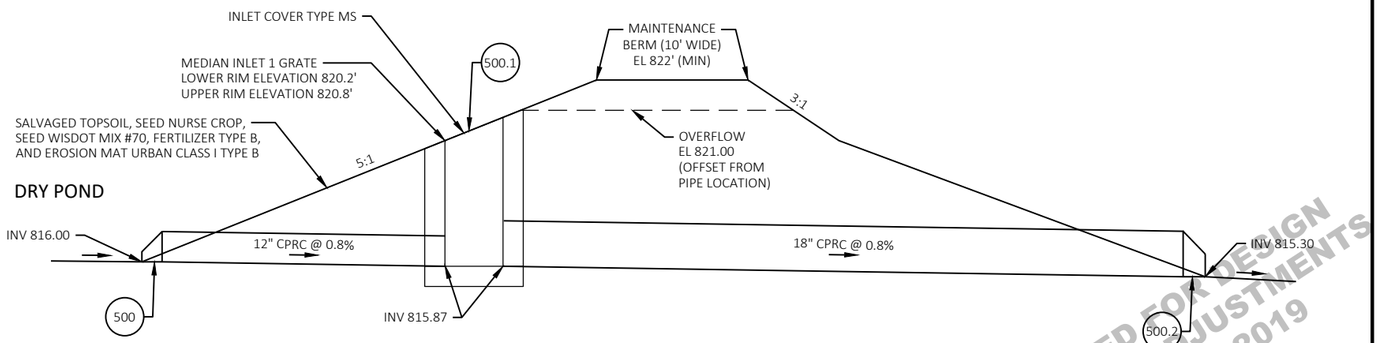


TYPICAL PILOT CHANNEL THRU POND
(SECTION B-B)



EMERGENCY RIPRAP SPILLWAY

POND 'LILY'										
SEGMENT NUMBER	START STATION	START NORTHING	START EASTING	END STATION	END NORTHING	END EASTING	LENGTH	RADIUS	LINE/CHORD BEARING	DELTA ANGLE
C1	PI 10+56.22	PI 577905.261	PI 791243.118				62.09	28.00	N63° 57' 44"E	127° 02' 54"
L1	10+62.09	577871.048	791287.727	12+18.61	577775.791	791411.929	156.52		S52° 30' 49"E	
L2	12+18.61	577775.791	791411.929	12+43.69	577759.774	791431.226	25.08		S50° 18' 24"E	
C2	PI 12+73.41	PI 577740.795	PI 791454.093				46.84	30.00	S5° 34' 41"E	89° 27' 26"
L3	12+90.53	577717.749	791435.331	13+04.39	577707.003	791426.581	13.86		S39° 09' 02"W	
C3	PI 13+07.04	PI 577704.942	PI 791424.904				5.19	10.00	S54° 01' 49"W	29° 45' 36"
L4	13+09.58	577703.986	791422.425	13+34.01	577695.196	791399.632	24.43		S68° 54' 37"W	
C4	PI 13+37.25	PI 577694.030	PI 791396.609				6.27	10.00	S86° 51' 40"W	35° 54' 05"
L5	13+40.28	577694.859	791393.477	13+72.74	577703.158	791362.093	32.46		N75° 11' 18"W	
C5	PI 13+73.62	PI 577703.382	PI 791361.243				1.75	10.00	N70° 09' 43"W	10° 03' 09"
L6	13+74.49	577703.752	791360.445	14+83.14	577749.436	791261.867	108.65		N65° 08' 09"W	
C6	PI 15+05.04	PI 577758.644	PI 791241.997				38.91	34.00	N32° 20' 56"W	65° 34' 26"
L7	15+22.05	577780.544	791242.164	15+90.56	577849.044	791242.688	68.50		N0° 26' 17"E	



TYPICAL SECTION OF STORMWATER POND 'AT OUTLET'
(SECTION A-A)

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - LILY POND DETAIL	SHEET 31	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021002-CD.DWG
LAYOUT NAME - Pond Detail
PLOT DATE : 9/16/2019 2:29 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

SIGN

RIPRAP

BENNETT CIR

31'BEN'

SIGN

585'WB' 586'WB' 587'WB' 588'WB' 589'WB' 590'WB' 591'WB'

STH 15 WB

585'EB' 586'EB' 587'EB' 588'EB' 589'EB' 590'EB' 591'EB'

STH 15 EB

OAK WILT

OAK WILT

OAK WILT

OAK WILT

1094'MUT' 1095'MUT' 1096'MUT' 1097'MUT' 1098'MUT' 1099'MUT' 1100'MUT' 1101'MUT'

MULTI-USE TRAIL

OAK TREES

SLOPE INTERCEPT (TYP)

OAK TREES

OAK TREES TO BE CLEARED AND GRUBBED BY OTHERS
BETWEEN OCTOBER 1, 2019 AND MARCH 1, 2020

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - OAK WILT LOCATIONS	SHEET 32	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021003-CD.DWG
LAYOUT NAME - CD-01 Oak Wilt

PLOT DATE : 9/23/2019 1:12 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

INL

CONC
BASE

16.5' UTILITY EASEMENT .16295/136

STH 15 WB

8'WB' 639'WB' 640'WB' 641'WB' 642'WB' 643'WB' 644'WB' 645'WB'

8'EB' 639'EB' 640'EB' 641'EB' 642'EB' 643'EB' 644'EB' 645'EB'

STH 15 EB

MH

PHRAGMITES

SLOPE INTERCEPT (TYP)

SIGN

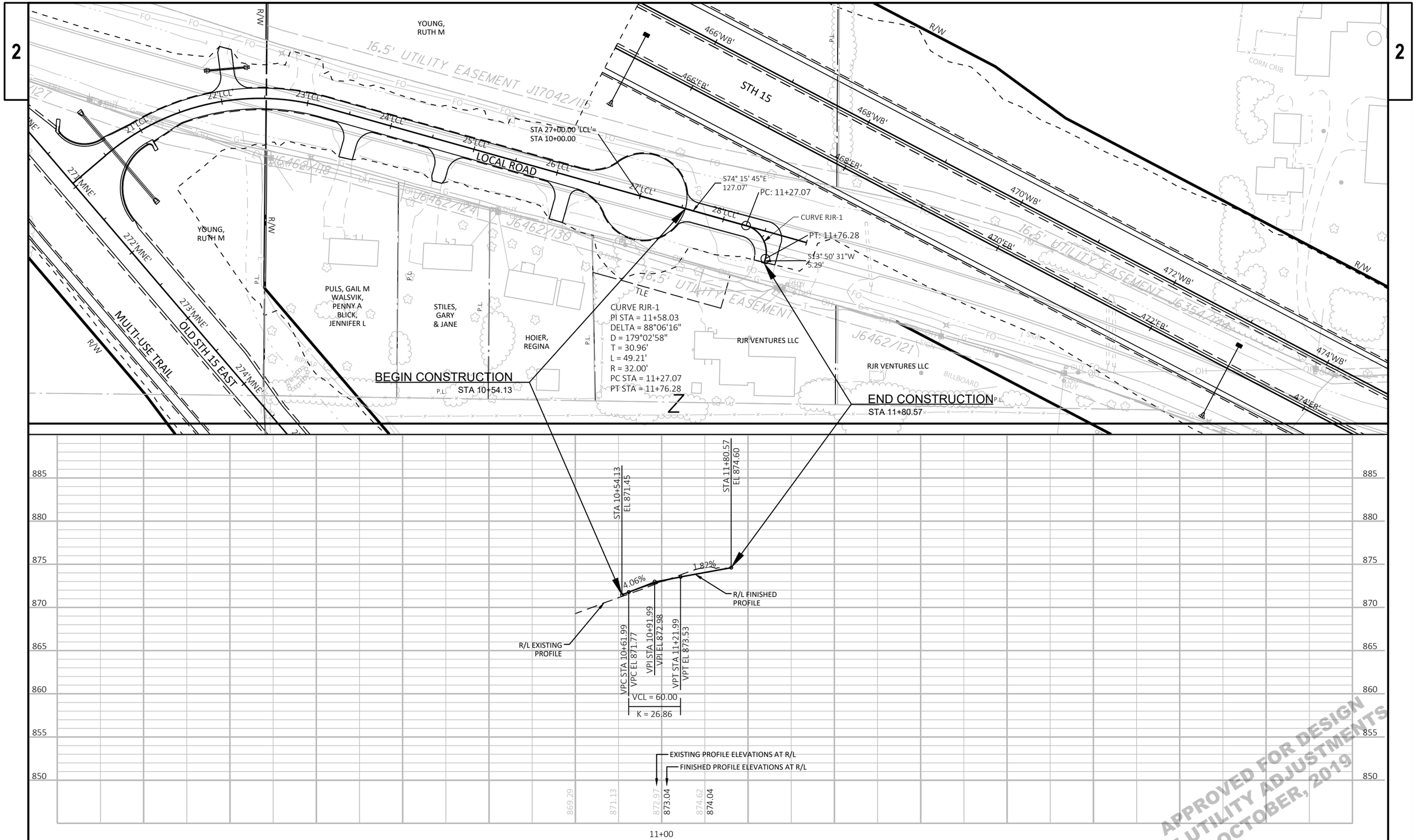
10' UTILITY EASEMENT DOC. 1688985

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS - PHRAGMITES LOCATION	SHEET 33	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021003-CD.DWG
LAYOUT NAME - CD-02 Phragmites

PLOT DATE : 9/16/2019 2:31 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:50 FT



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	DRIVEWAY DETAILS - RJR	SHEET 34	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021004-CD.DWG
LAYOUT NAME - RJR (Local Rd)

PLOT DATE : 9/25/2019 1:35 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

CURVE OLSEN-1
PI STA = 1+42.79
DELTA = 17°44'25"
D = 57°17'45"
T = 15.61'
L = 30.96'
R = 100.00'
PC STA = 1+27.19
PT STA = 1+58.15

CURVE OLSEN-1A
PI STA = 20+57.89
DELTA = 70°21'58"
D = 127°19'26"
T = 31.72'
L = 55.27'
R = 45.00'
PC STA = 20+26.17
PT STA = 20+81.44

JACK,
PATRICIA H

END CONSTRUCTION
STA 2+40.45

N71° 01' 14"E
96.30'
PT: 1+58.15
CURVE OLSEN-1
PC: 1+27.19
N88° 45' 39"E
127.19'

BEGIN CONSTRUCTION
STA 0+15.00

STA 0+59.57 =
STA 20+94.04

15' DRIVEWAY EASEMENT per Doc #1842529

END CONSTRUCTION
STA 20+94.04

N1° 14' 21"W
12.60'
PT: 20+81.44
CURVE OLSEN-1A
PC: 20+26.17
N69° 07' 37"E
26.17'

JACK,
DEBORAH J

BEGIN CONSTRUCTION
STA 20+20.00

MANLEY RD

STA 2+54.45 =
STA 39+15.27 'MAN'

BEGIN CONSTRUCTION
STA 10+34.98

S75° 01' 28"E
98.69'

MULTI-USE TRAIL

N27° 42' 29"E
81.54'

PT: 11+54.10
CURVE DEMPSEY-1
PC: 11+20.39

DEMPSEY,
JAMES D &
JEANNE E

CURVE DEMPSEY-1
PI STA = 11+40.37
DELTA = 77°16'03"
D = 229°10'59"
T = 19.98'
L = 33.71'
R = 25.00'
PC STA = 11+20.39
PT STA = 11+54.10

STATE OF WISCONSIN
DEPARTMENT OF
TRANSPORTATION

STH 15

STA 12+35.64 =
STA 497+00.00 'EB'

496'EB'
498'WB'
498'EB'
500'WB'
500'EB'
502'WB'
502'EB'
1004'MUT'
1006'MUT'
1008'MUT'
1010'MUT'

END CONSTRUCTION
STA 12+03.64

OLSEN-1

VPI STA 0+15.00
VPI EL 934.98
VPI STA 0+40.00
VPI EL 933.232
-7.00%
R/L EXISTING PROFILE
VCL = 60.00
K = 7.37
VPC STA 1+89.00
VPC EL 921.31
VPT STA 2+49.00
VPT EL 918.95
VPC STA 0+20.00
VPC EL 934.63
VPT STA 0+60.00
VPT EL 931.63
-8.00%
R/L FINISHED PROFILE
0.14%
VCL = 40.00
K = 40.00
VPI STA 2+19.00
VPI EL 918.91
LOWEST POINT STA 2+47.99
LOWEST POINT EL 918.84
EL 918.96
EXISTING PROFILE ELEVATIONS AT R/L
FINISHED PROFILE ELEVATIONS AT R/L
935.76 933.16 932.42 930.19 928.43 926.96 924.43 923.11 920.51 920.31 LOWEST POINT 918.95
0+00 1+00 2+00 3+00

OLSEN-1A

STA 20+20.00
EL 936.77
STA 20+94.04
EL 931.67
R/L EXISTING PROFILE
-6.89%
R/L FINISHED PROFILE
END CONSTRUCTION
STA 20+94.04
EXISTING PROFILE ELEVATIONS AT R/L
FINISHED PROFILE ELEVATIONS AT R/L
938.01 934.63 934.70
20+00 21+00

DEMPSEY

BEGIN CONSTRUCTION
STA 10+34.98

VPI STA 10+25.00
VPI EL 919.60
VCL = 20.00
K = 4.44
VPC STA 11+25.00
VPC EL 913.60
VPT STA 11+45.00
VPT EL 912.85
VPI STA 11+86.24
VPI EL 912.23
VPI STA 12+09.64
EL 913.17
-1.61%
R/L EXISTING PROFILE
VPI STA 10+07.00
EL 919.89
-6.00%
R/L FINISHED PROFILE
1.50%
4.00%
-2.00%
VPI STA 12+35.64
EL 913.21
VPI STA 12+23.64
EL 913.45
VPC STA 10+12.50
VPC EL 919.80
VPT STA 10+37.50
VPT EL 918.85
VCL = 25.00
K = 5.69
VPI STA 11+35.00
VPI EL 913.00
VPC STA 11+68.74
VPC EL 912.49
VPT STA 12+03.74
VPT EL 912.93
VCL = 35.00
K = 6.36
EXISTING PROFILE ELEVATIONS AT R/L
FINISHED PROFILE ELEVATIONS AT R/L
919.91 918.76 918.10 915.14 915.10 914.56 912.77 910.99 912.79
10+00 11+00 12+00 13+00

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	DRIVEWAY DETAILS - OLSEN AND DEMPSEY	SHEET 35	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021005-CD.DWG
LAYOUT NAME - Olsen_Dempsey
PLOT DATE : 9/25/2019 1:59 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

KORTH, JOHN S & SUSAN M

PASCHKE, STEVEN & GINA

STATE OF WIS DEPT OF TRANS

BENNETT, CAROLE B

BARTELS, DONALD J & JOANN C

MATTRISCH, BRUCE E & SARAH K

BURR, SCOTT D &

KEPPENHAN REVOCABLE TRUST

KEPPENHAN REVOCABLE TRUST

KEPPENHAN REVOCABLE TRUST

HILLVIEW RD

STH 15

MULTI-USE TRAIL

16.5' UTILITY EASEMENT

SIGN EASEMENT DOC. 1725959

574'WB'

574'EB'

576'WB'

576'EB'

578'WB'

578'EB'

580'WB'

580'EB'

582'WB'

1082'MUT'

1084'MUT'

1086'MUT'

1088'MUT'

21'HIL'

22'HIL'

23'HIL'

S52° 57' 10"E
46.73'

N88° 59' 09"E
83.00'

S1° 00' 51"E
6.02'

PC: 0+46.73

CURVE HILLVIEW-1
CP CLASS III-A 18-INCH
2 AEW REQ'D

PT: 0+79.95

PC: 1+62.95
CURVE HILLVIEW-2

PT: 2+41.49

TLE

P.L.

R/W

CURVE HILLVIEW-1
PI STA = 0+63.98
DELTA = 38°03'41"
D = 114°35'30"
T = 17.25'
L = 33.21'
R = 50.00'
PC STA = 0+46.73
PT STA = 0+79.95

CURVE HILLVIEW-2
PI STA = 2+12.95
DELTA = 90°00'00"
D = 114°35'30"
T = 50.00'
L = 78.54'
R = 50.00'
PC STA = 1+62.95
PT STA = 2+41.49

N

BEGIN CONSTRUCTION
STA 0+46.73

END CONSTRUCTION
STA 2+41.49

VPI STA 0+00.00
EL 896.73

VPI STA 0+51.99
EL 896.39

VPI STA 1+14.15
EL 895.63

VPI STA 1+97.41
VPI EL 895.165

VPI STA 2+41.78
EL 893.76

-0.61%

-1.22%

-0.56%

-3.17%

R/L FINISHED PROFILE

R/L EXISTING PROFILE

VPC STA 1+72.41
VPC EL 895.30

VPT STA 2+22.41
VPT EL 894.37

VCL = 50.00

K = 19.14

23'EB'+53.69; 57.09 RT; EL=892.40
23'EB'+29.04; 88.59 RT; EL=892.05
40 LF OF CP CLASS III-A 18-INCH REQ'D

EXISTING PROFILE ELEVATIONS AT R/L

FINISHED PROFILE ELEVATIONS AT R/L

895.17	895.21	895.63	895.42	895.01	
896.73	896.40	895.80	895.43	894.95	
0+00		1+00		2+00	

910 905 900 895 890 885 880 875

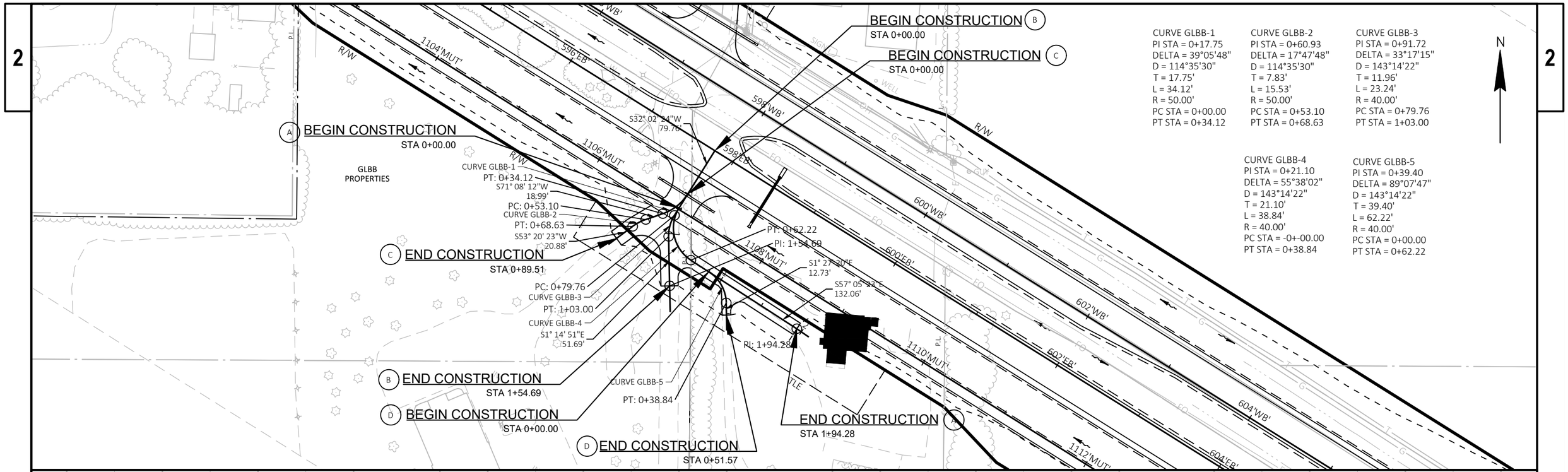
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

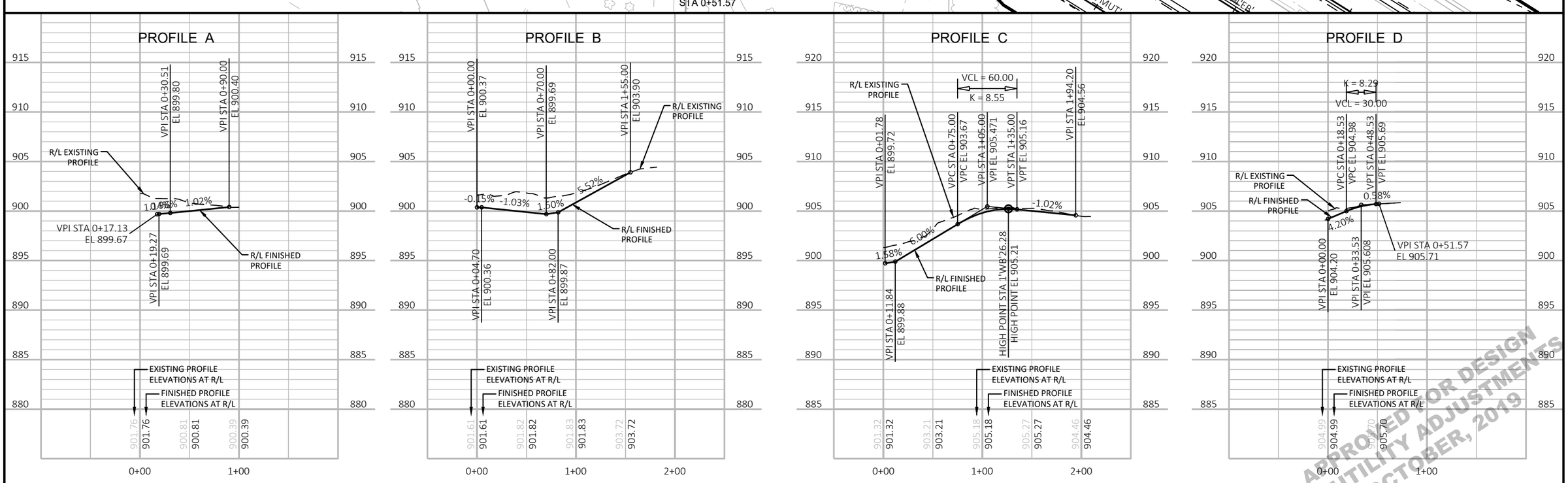
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	DRIVEWAY DETAILS - HILLVIEW	SHEET 36	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021005-CD.DWG
LAYOUT NAME - Hillview

PLOT DATE : 9/25/2019 2:02 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

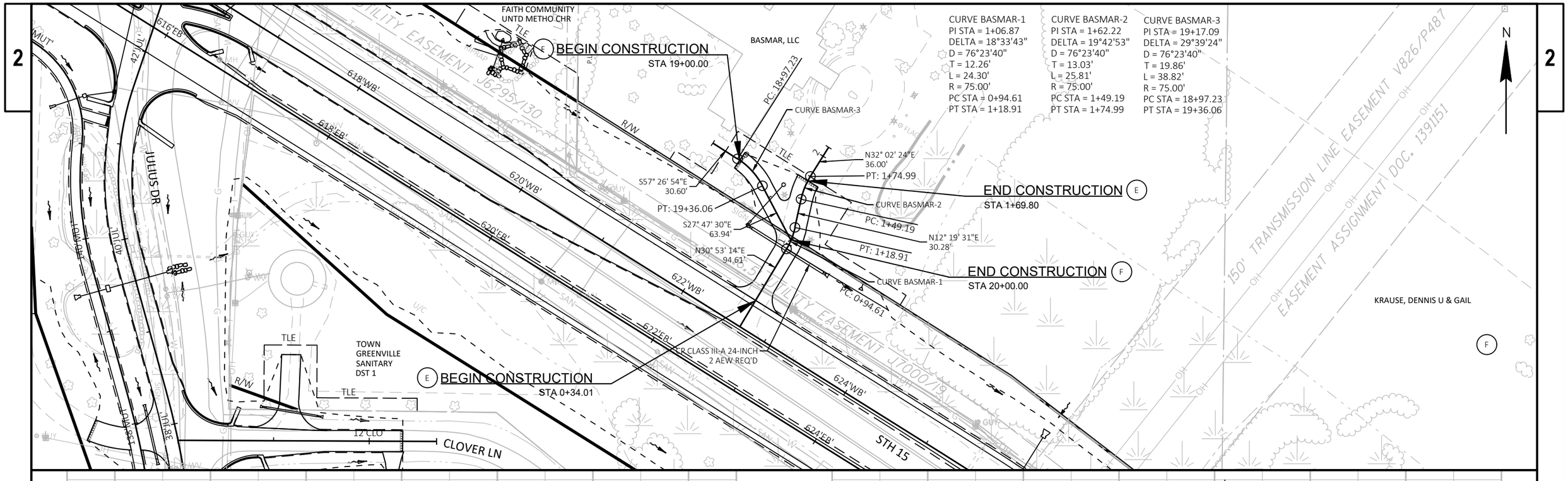




APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	DRIVEWAY DETAILS - GLBB	SHEET 37	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021005-CD.DWG
LAYOUT NAME - GLBB
PLOT DATE : 9/25/2019 2:05 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

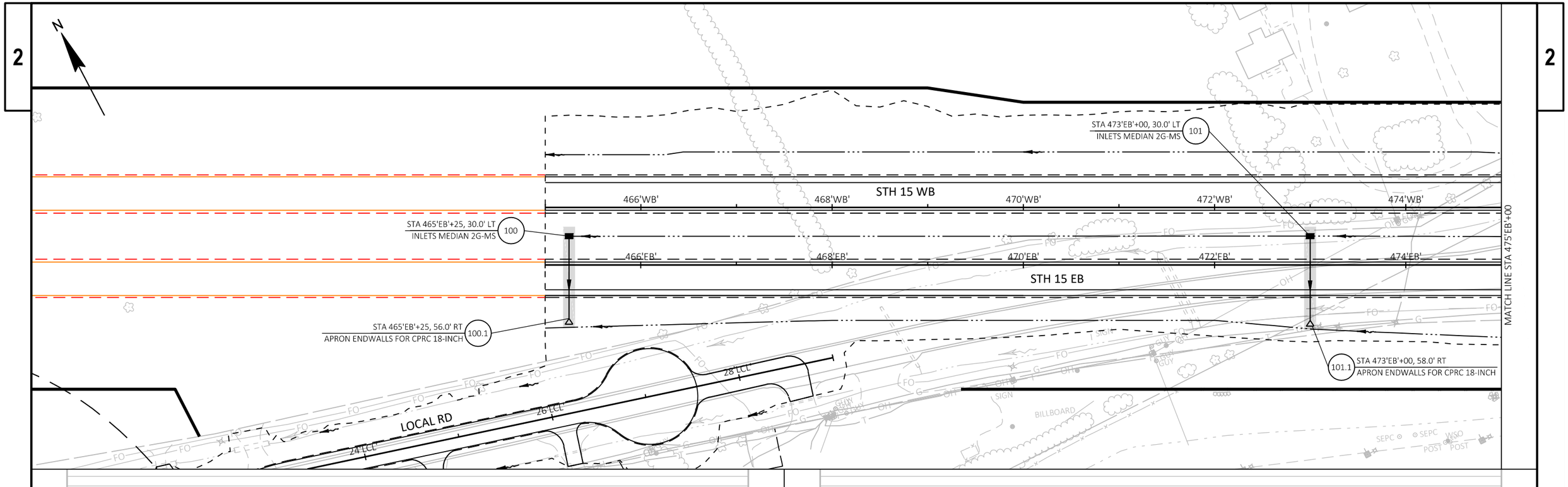


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	DRIVEWAY DETAILS - BASMAR	SHEET 38	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-021005-CD.DWG
LAYOUT NAME - Basmar

PLOT DATE : 9/25/2019 2:07 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



100	100.1
RIM: 864.67	INV: 861.92
SUMP: 862.35	
DEPTH: 2.32	
SW INV OUT: 862.35	

101	101.1
RIM: 887.13	INV: 884.74
SUMP: 885.00	
DEPTH: 2.12	
SW INV OUT: 885.00	

NOTE: DEPTH = RIM - SUMP

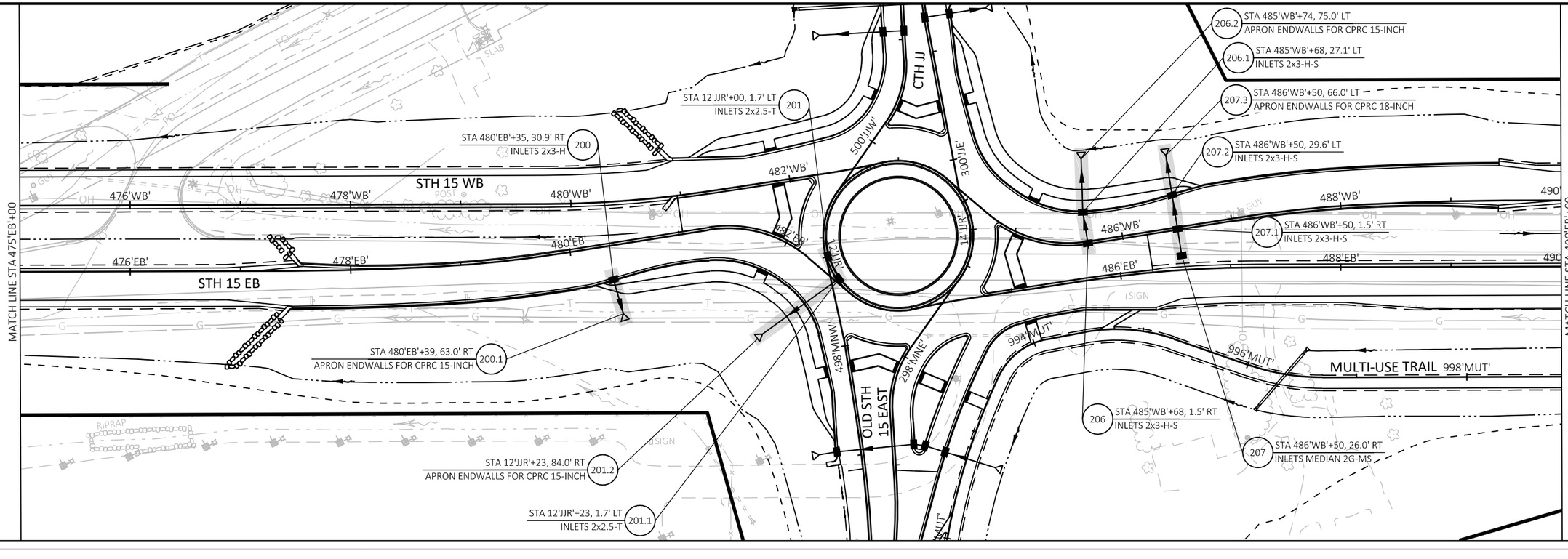
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

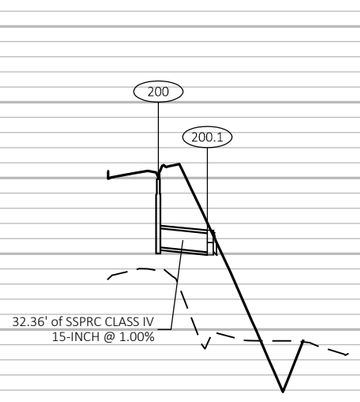
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 39	E

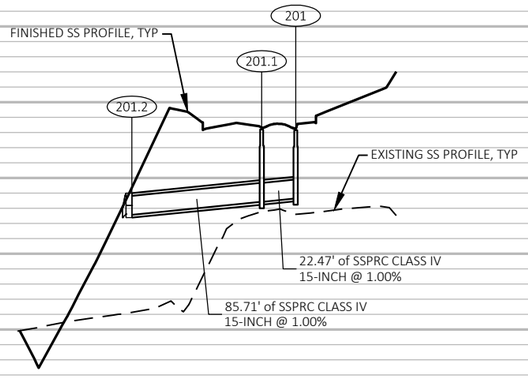
FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 01A

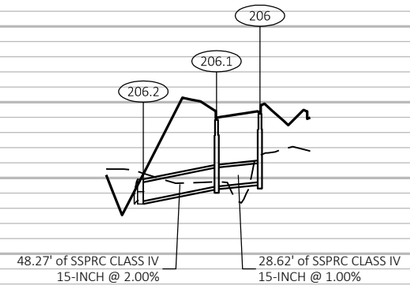
PLOT DATE : 9/24/2019 3:53 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

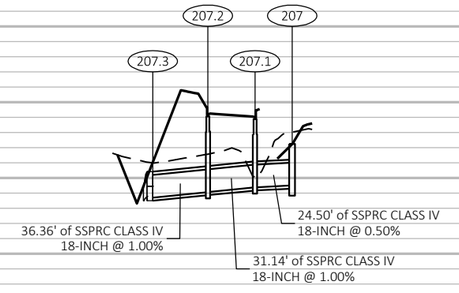
WISDOT/CADDS SHEET 41











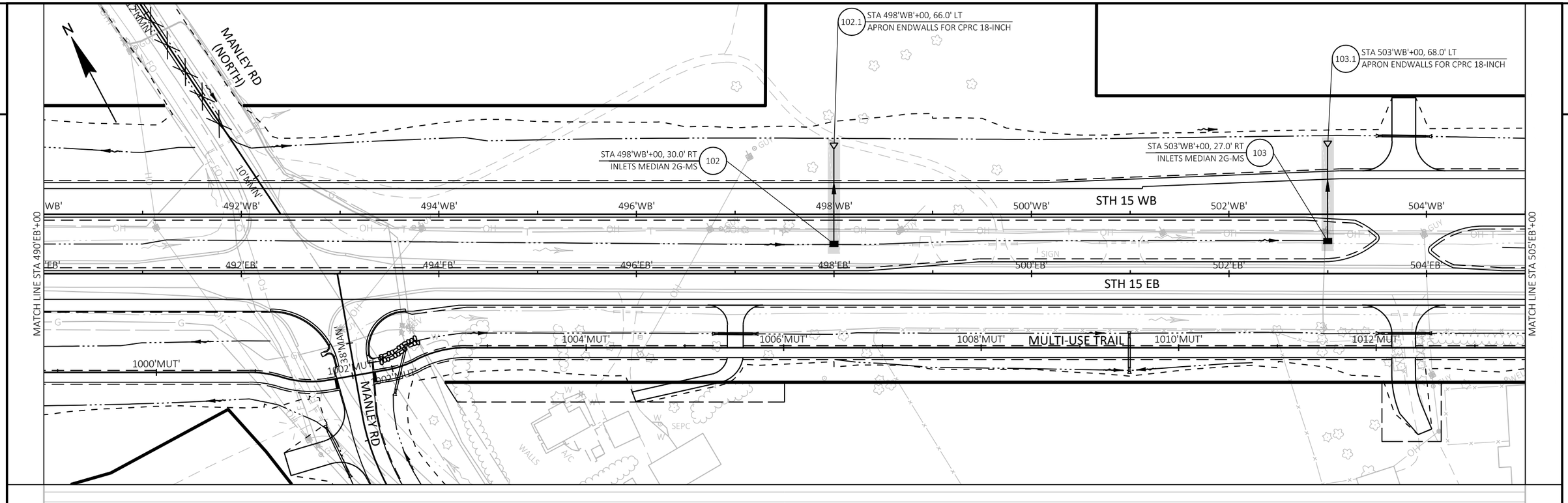
925 920 915 910 905 900 895 890 885 880

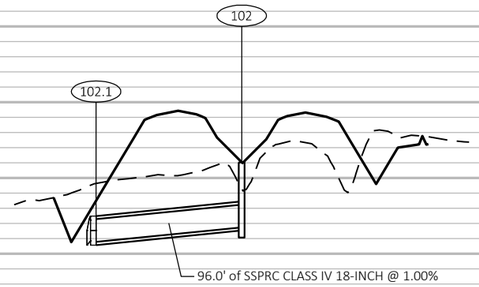
200	200.1	201.2	201.1	201	206.2	206.1	206	207.3	207.2	207.1	207
RIM: 909.93	INV: 905.11	INV: 907.56	RIM: 913.20	RIM: 913.15	INV: 908.47	RIM: 913.83	RIM: 914.22	INV: 908.70	RIM: 914.07	RIM: 913.88	RIM: 912.24
SUMP: 905.43			SUMP: 908.42	SUMP: 908.65		SUMP: 909.44	SUMP: 909.72		SUMP: 909.07	SUMP: 909.38	SUMP: 909.50
DEPTH: 4.50			DEPTH: 4.78	DEPTH: 4.50		DEPTH: 4.40	DEPTH: 4.50		DEPTH: 5.00	DEPTH: 4.50	DEPTH: 2.74
S INV OUT: 905.43			N INV IN: 908.42	S INV OUT: 908.65		S INV IN: 909.44	N INV OUT: 909.72		S INV IN: 909.07	S INV IN: 909.38	N INV OUT: 909.50
			W INV OUT: 908.42			NE INV OUT: 909.44			N INV OUT: 909.07	N INV OUT: 909.38	

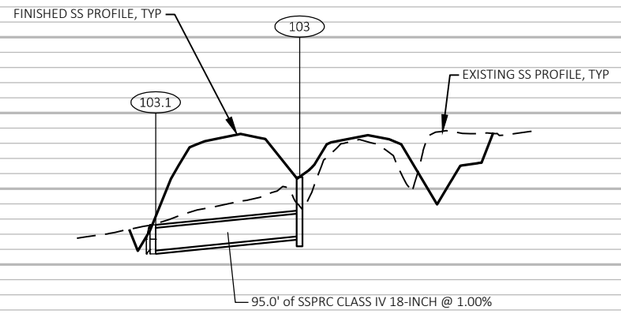
NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 40	E







925 920 915 910 905 900 895 890 885 880

102.1
INV: 905.78

102
RIM: 911.04
SUMP: 906.74
DEPTH: 4.30
NE INV OUT: 906.74

103.1
INV: 900.91

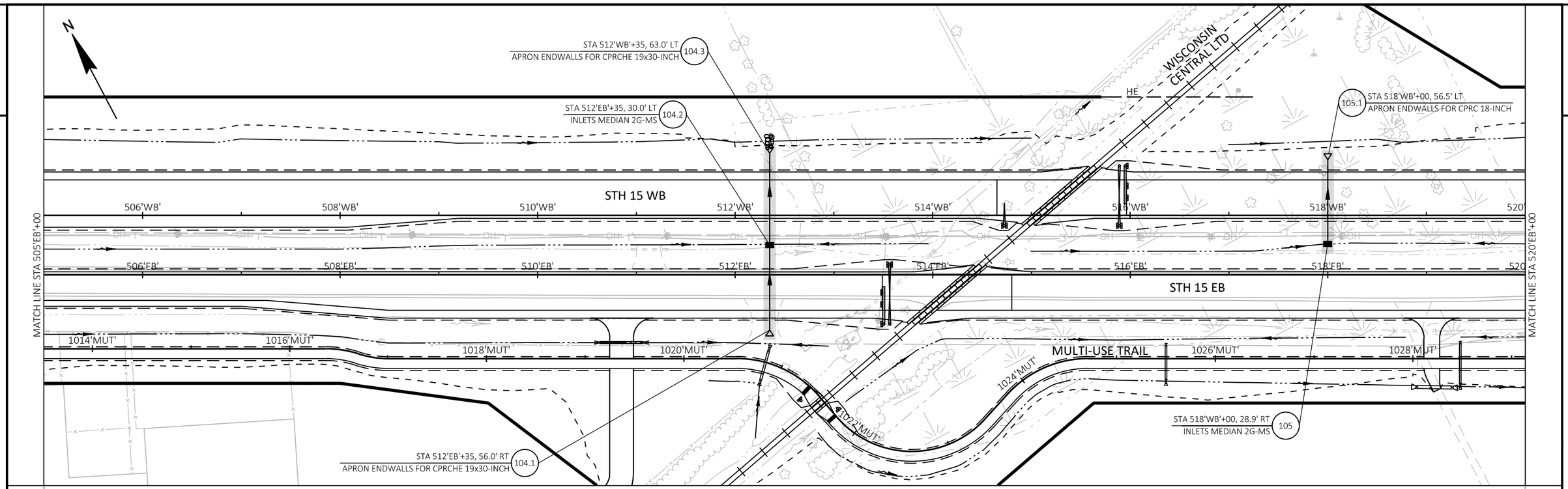
103
RIM: 905.77
SUMP: 901.86
DEPTH: 3.91
NE INV OUT: 901.86

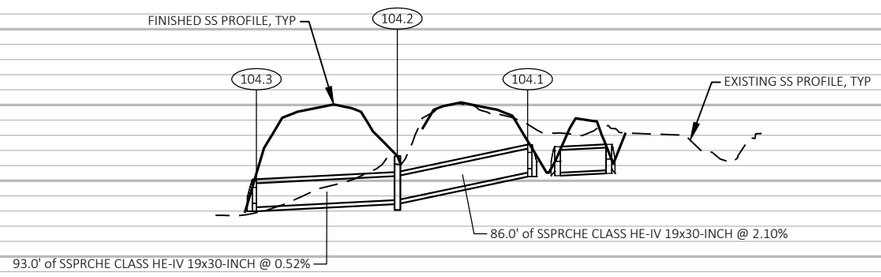
NOTE: DEPTH = RIM - SUMP

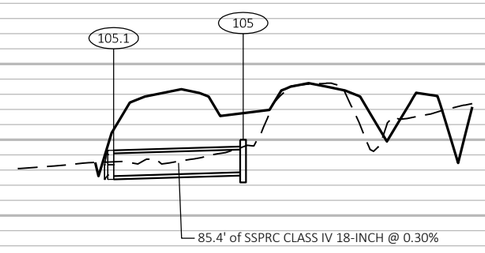
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 41	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 03A
PLOT DATE : 9/24/2019 3:54 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41







915 915
910 910
905 905
900 900
895 895
890 890
885 885
880 880
875 875
870 870

104.3
INV: 893.25

104.2
RIM: 896.64
SUMP: 893.73
DEPTH: 2.91
SW INV IN: 893.73
NE INV OUT: 893.73

104.1
INV: 895.54

105.1
INV: 892.59

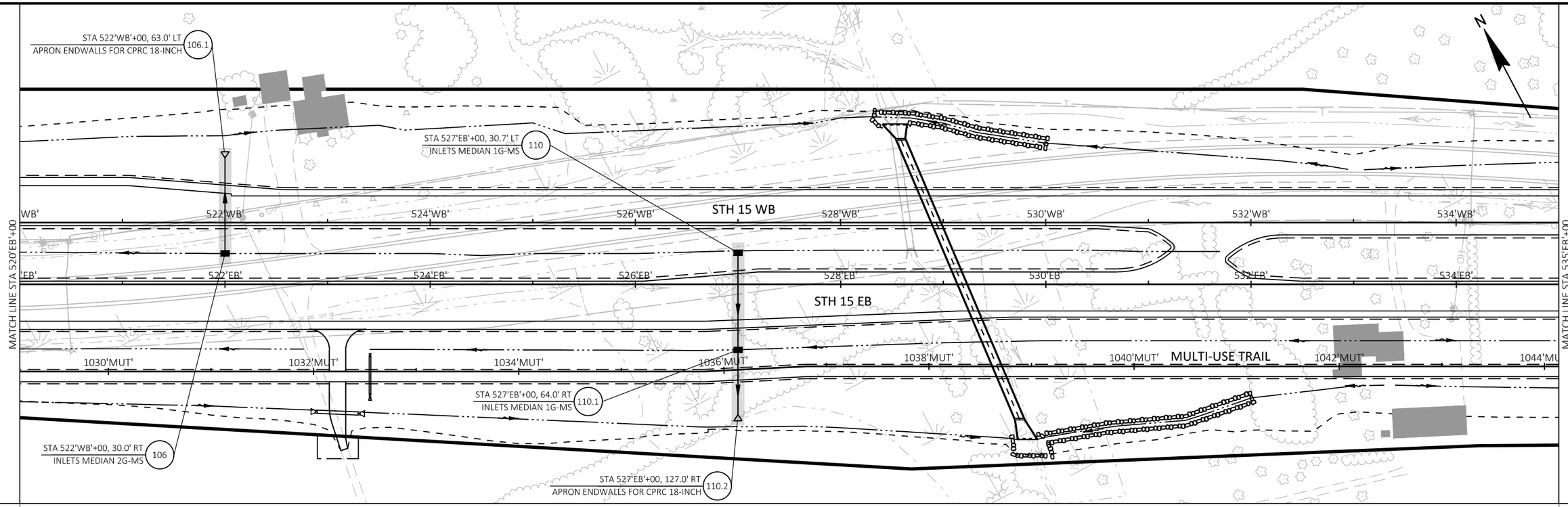
105
RIM: 895.00
SUMP: 892.85
DEPTH: 2.15
NE INV OUT: 892.85

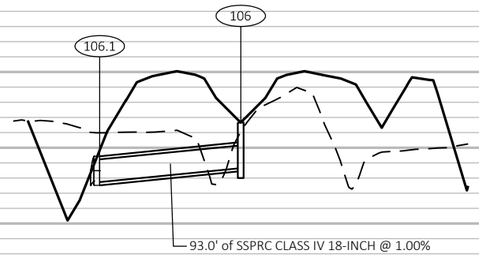
NOTE: DEPTH = RIM - SUMP

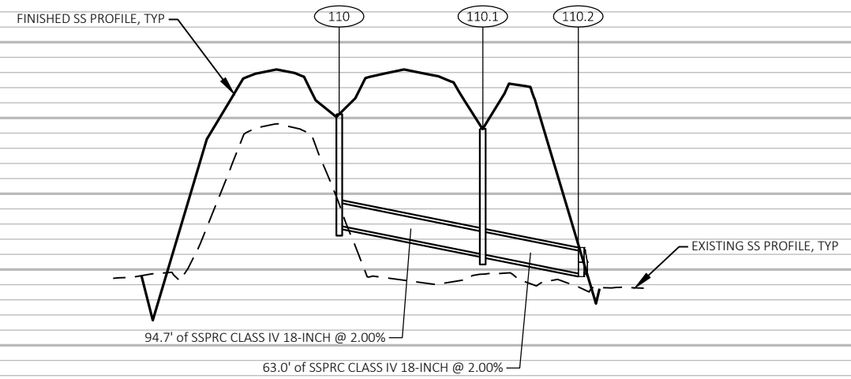
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 42	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 04A
PLOT DATE : 9/24/2019 3:55 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41







915
910
905
900
895
890
885
880
875
870

106.1
INV: 892.73

106
RIM: 896.66
SUMP: 893.66
DEPTH: 3.00
NE INV OUT: 893.66

110
RIM: 900.25
SUMP: 892.90
DEPTH: 7.36
SW INV OUT: 892.90

110.1
RIM: 899.28
SUMP: 891.00
DEPTH: 8.28
NE INV IN: 891.00
SW INV OUT: 891.00

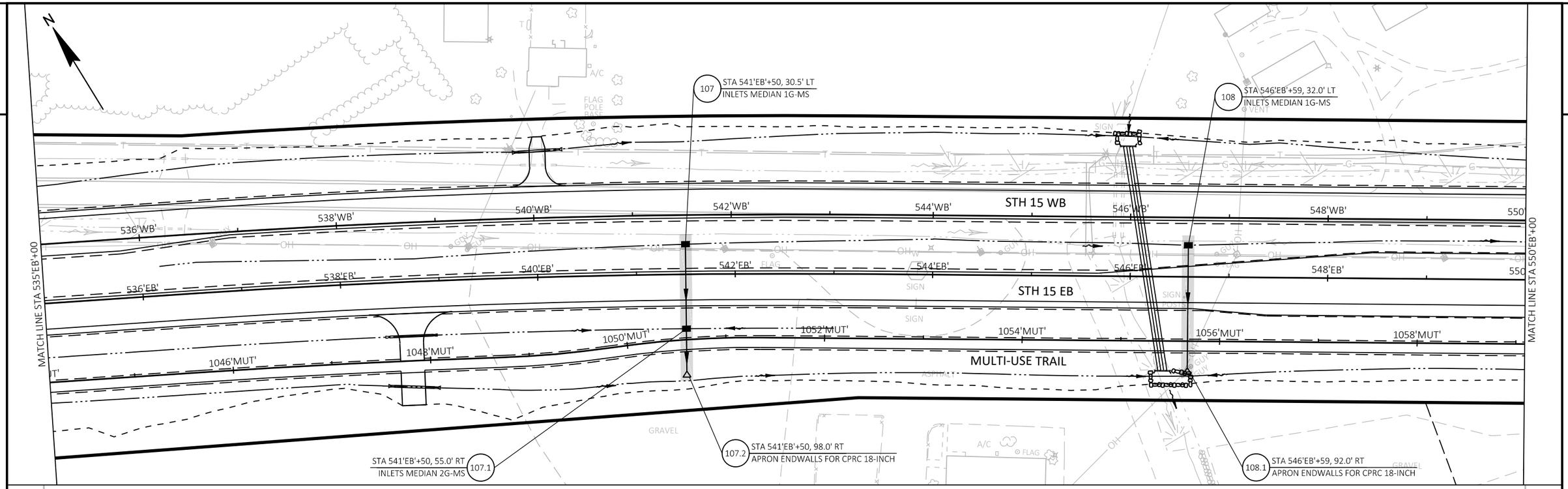
110.2
INV: 889.74

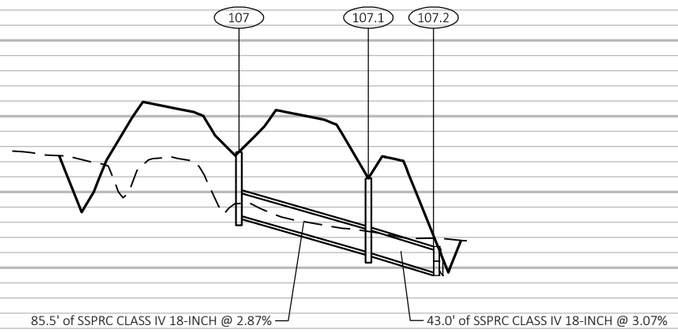
NOTE: DEPTH = RIM - SUMP

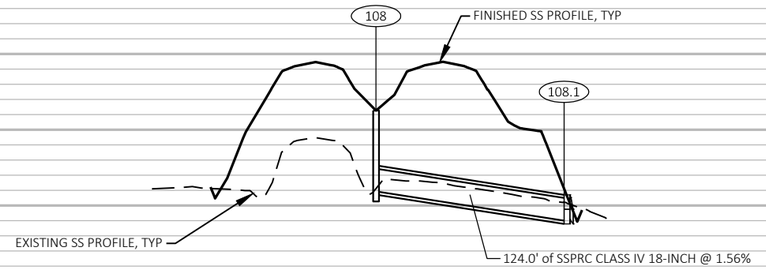
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 43	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 05A
PLOT DATE : 9/24/2019 3:56 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41







910 905 900 895 890 885 880 875 870 865

107
RIM: 897.63
SUMP: 893.46
DEPTH: 4.17
SW INV OUT: 893.46

107.1
RIM: 895.90
SUMP: 891.01
DEPTH: 4.90
NE INV IN: 891.01
SW INV OUT: 891.01

107.2
INV: 889.69

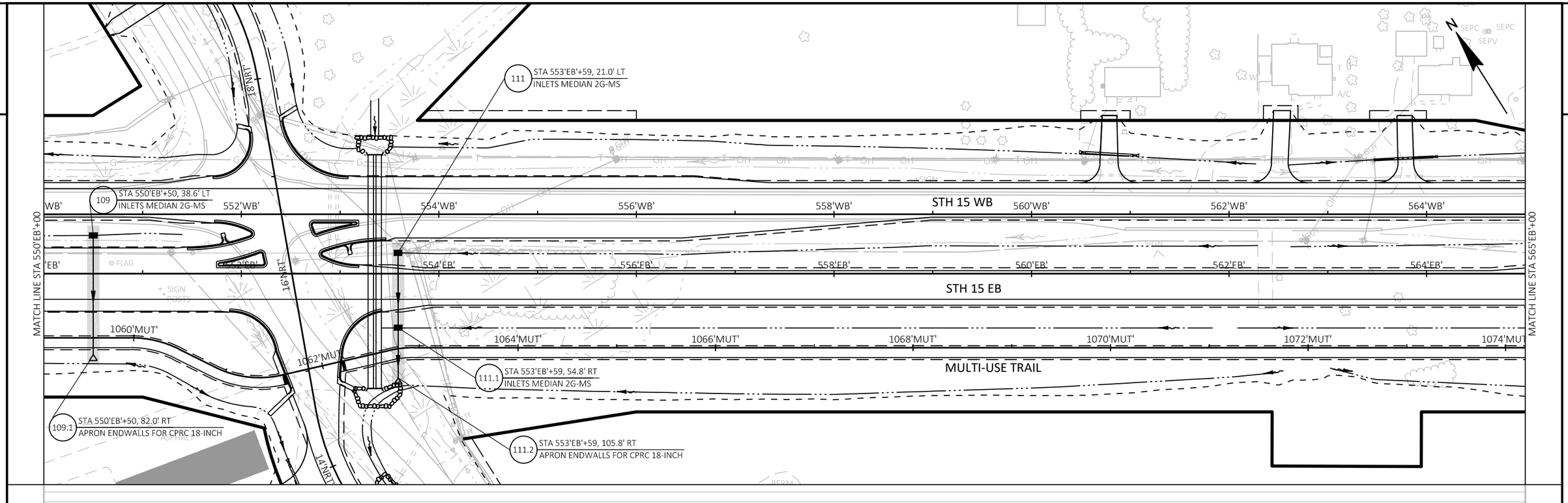
108
RIM: 891.27
SUMP: 885.93
DEPTH: 5.34
SW INV OUT: 885.93

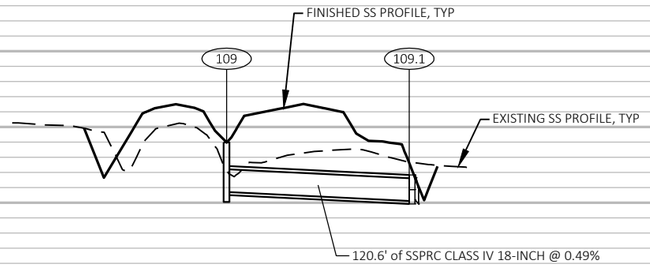
108.1
INV: 884.00

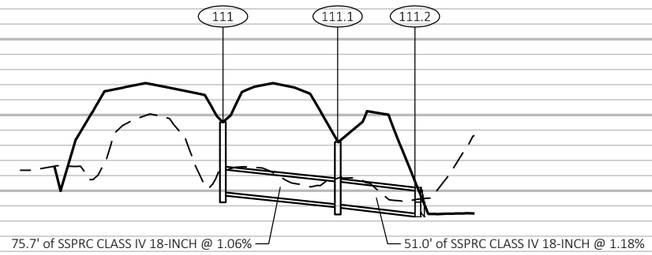
NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 44	E







905 900 895 890 885 880 875 870 865 860

109
RIM: 888.97
SUMP: 885.71
DEPTH: 3.26
SW INV OUT: 885.71

109.1
INV: 885.12

111
RIM: 889.52
SUMP: 884.90
DEPTH: 4.62
SW INV OUT: 884.90

111.1
RIM: 888.24
SUMP: 884.10
DEPTH: 4.14
NE INV IN: 884.10
SW INV OUT: 884.10

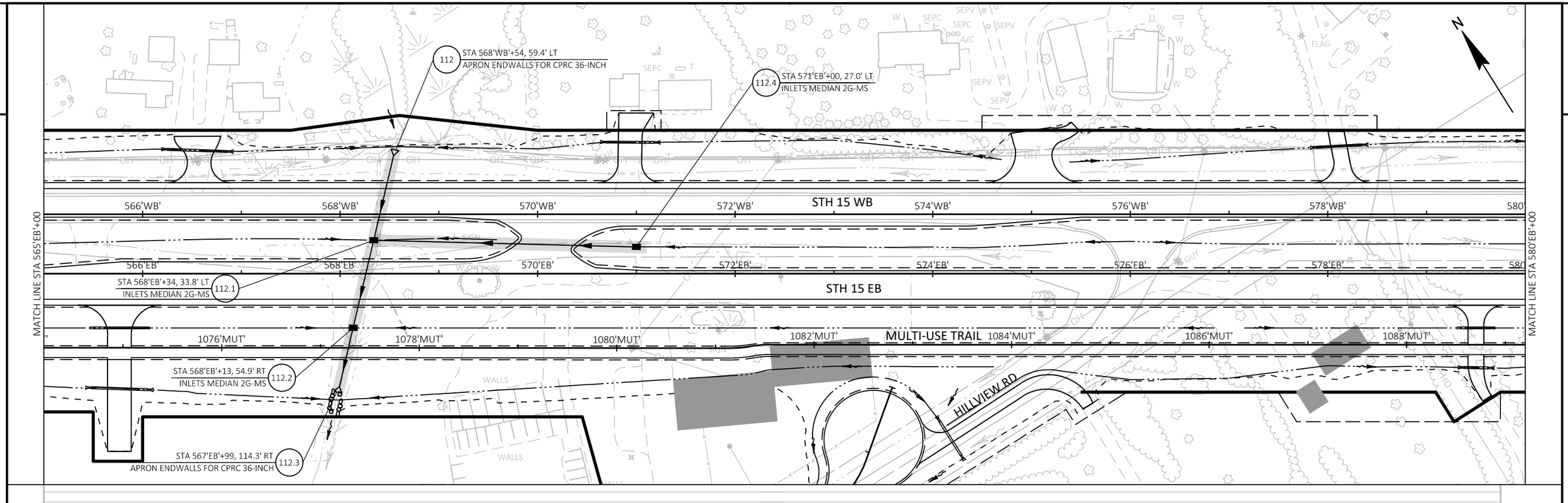
111.2
INV: 883.50

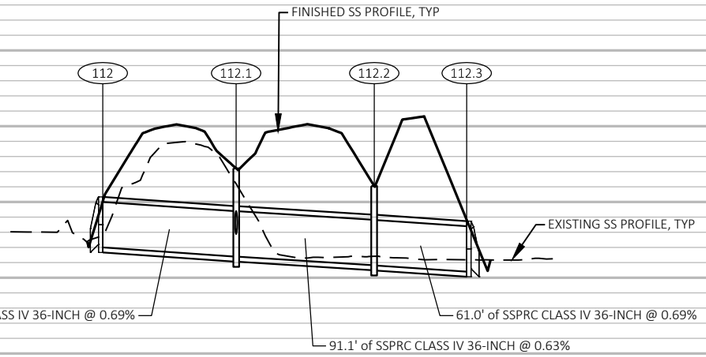
NOTE: DEPTH = RIM - SUMP

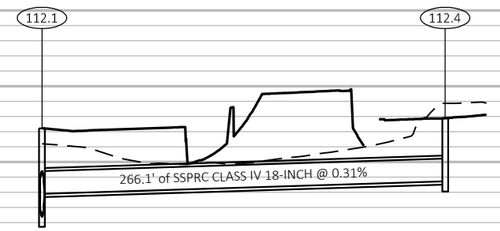
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 45	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 07A
PLOT DATE : 9/24/2019 3:58 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT







905 900 895 890 885 880 875 870 865 860

112	112.1	112.2	112.3
INV: 887.00	RIM: 892.21 SUMP: 886.39 DEPTH: 5.82 NE INV IN: 886.39 SE INV IN: 887.89 SW INV OUT: 886.39	RIM: 891.06 SUMP: 885.82 DEPTH: 5.24 NE INV IN: 885.82 SW INV OUT: 885.82	INV: 885.40

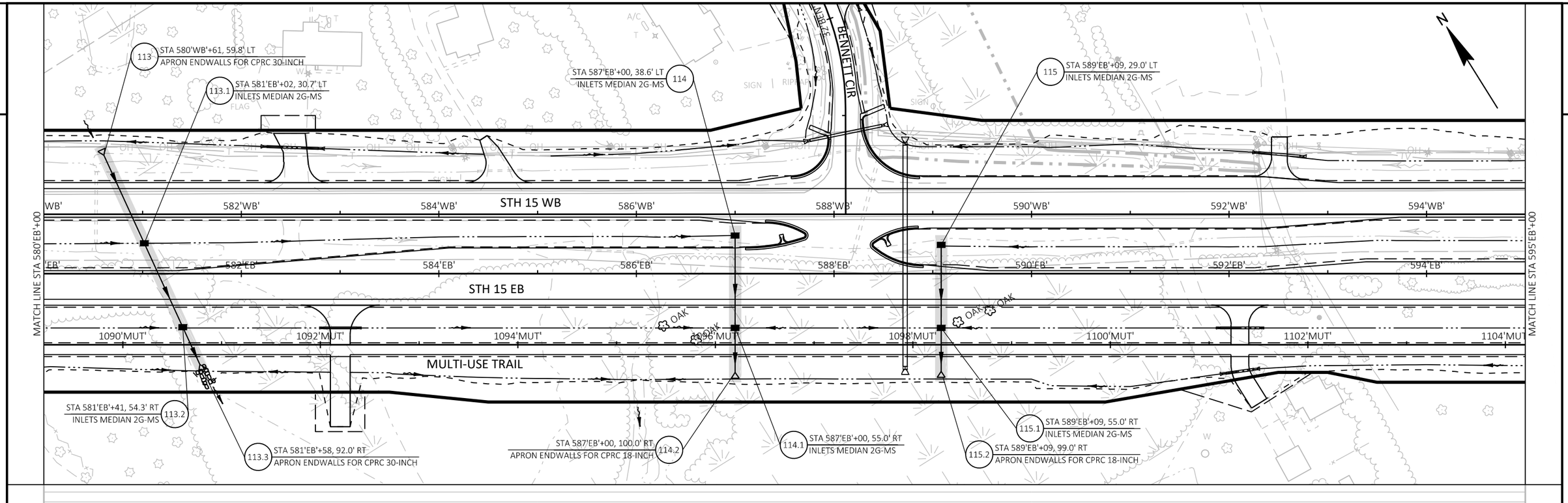
112.4
RIM: 892.88 SUMP: 888.72 DEPTH: 4.17 NW INV OUT: 888.72

NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 46	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 08A
PLOT DATE : 9/24/2019 3:59 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

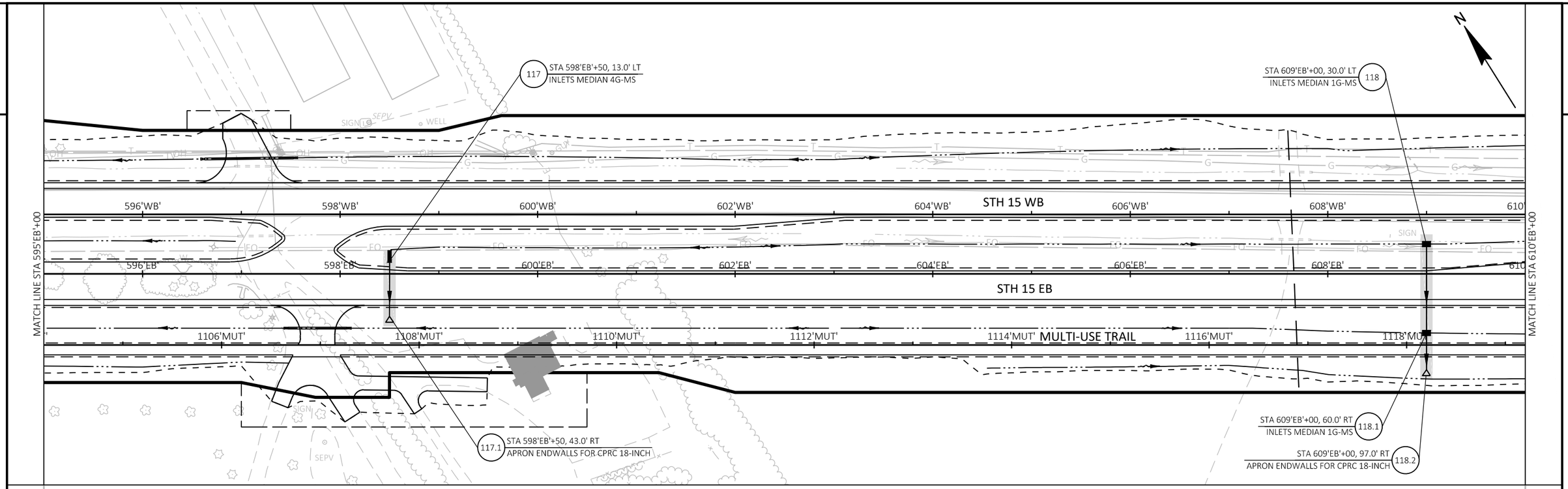


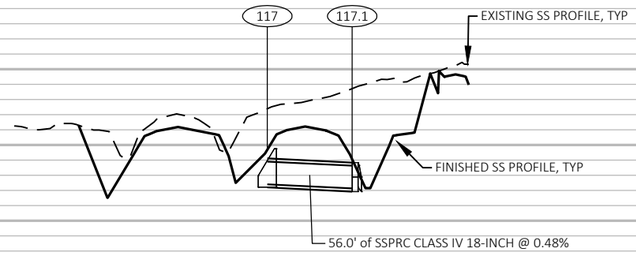
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 47	E

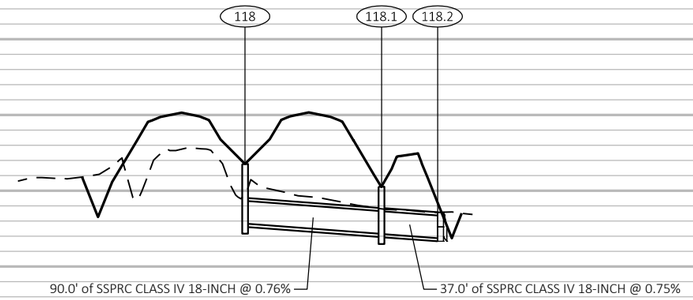
FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 09A

PLOT DATE : 9/24/2019 4:00 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41







117
RIM: 899.75
SUMP: 897.72
DEPTH: 2.03
SW INV OUT: 897.40

117.1
INV: 897.13

118
RIM: 896.77
SUMP: 892.83
DEPTH: 3.94
SW INV OUT: 892.83

118.1
RIM: 895.26
SUMP: 892.15
DEPTH: 3.11
NE INV IN: 892.15
SW INV OUT: 892.15

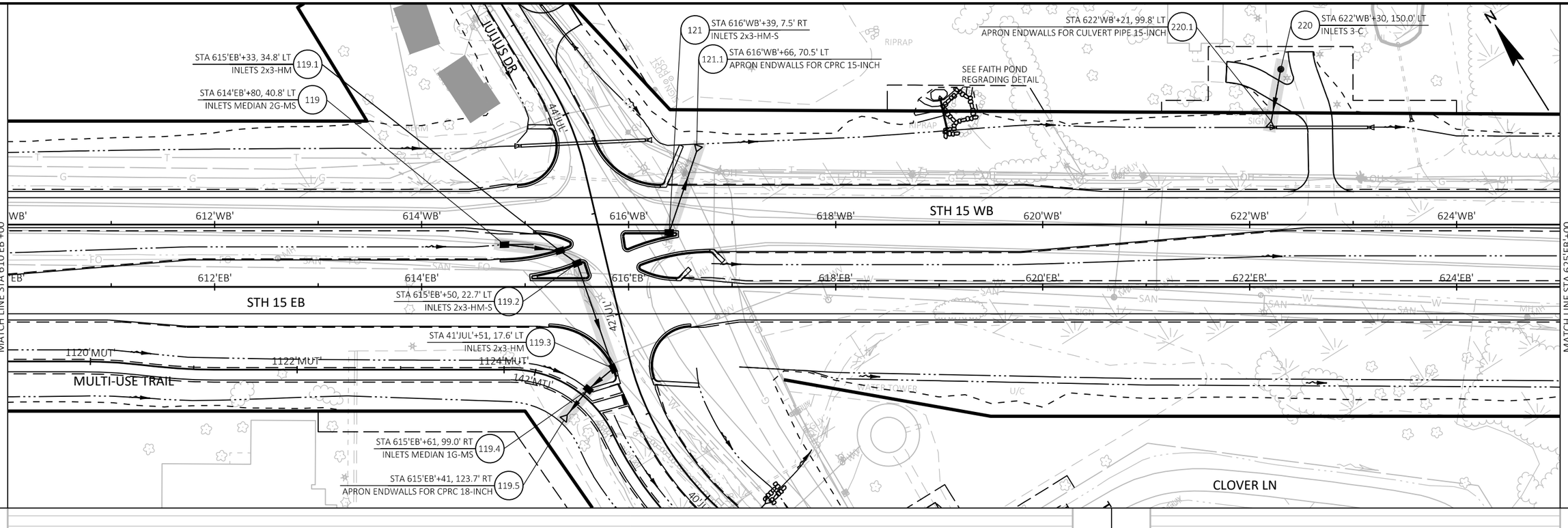
118.2
INV: 891.87

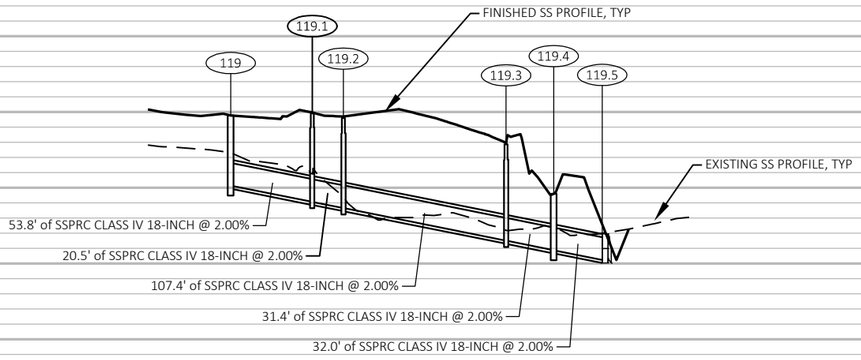
NOTE: DEPTH = RIM - SUMP

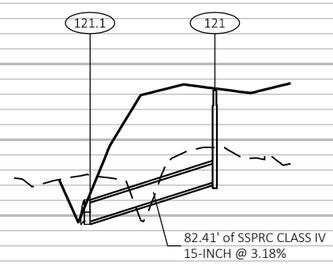
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

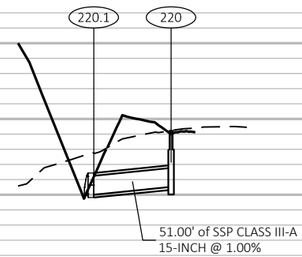
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 48	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 10A
PLOT DATE : 9/24/2019 4:00 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41









119	119.1	119.2	119.3	119.4	119.5
RIM: 889.76	RIM: 889.96	RIM: 889.60	RIM: 887.86	RIM: 884.60	INV: 880.24
SUMP: 885.14	SUMP: 884.07	SUMP: 883.66	SUMP: 881.51	SUMP: 880.88	
DEPTH: 4.62	DEPTH: 5.89	DEPTH: 5.94	DEPTH: 6.35	DEPTH: 3.72	
SE INV OUT: 885.14	NW INV IN: 884.07	N INV IN: 883.66	N INV IN: 881.51	E INV IN: 880.88	
	S INV OUT: 884.07	S INV OUT: 883.66	W INV OUT: 881.51	W INV OUT: 880.88	

121.1	121
INV: 879.60	RIM: 888.27
	SUMP: 882.22
	DEPTH: 6.05
	NE INV OUT: 882.22

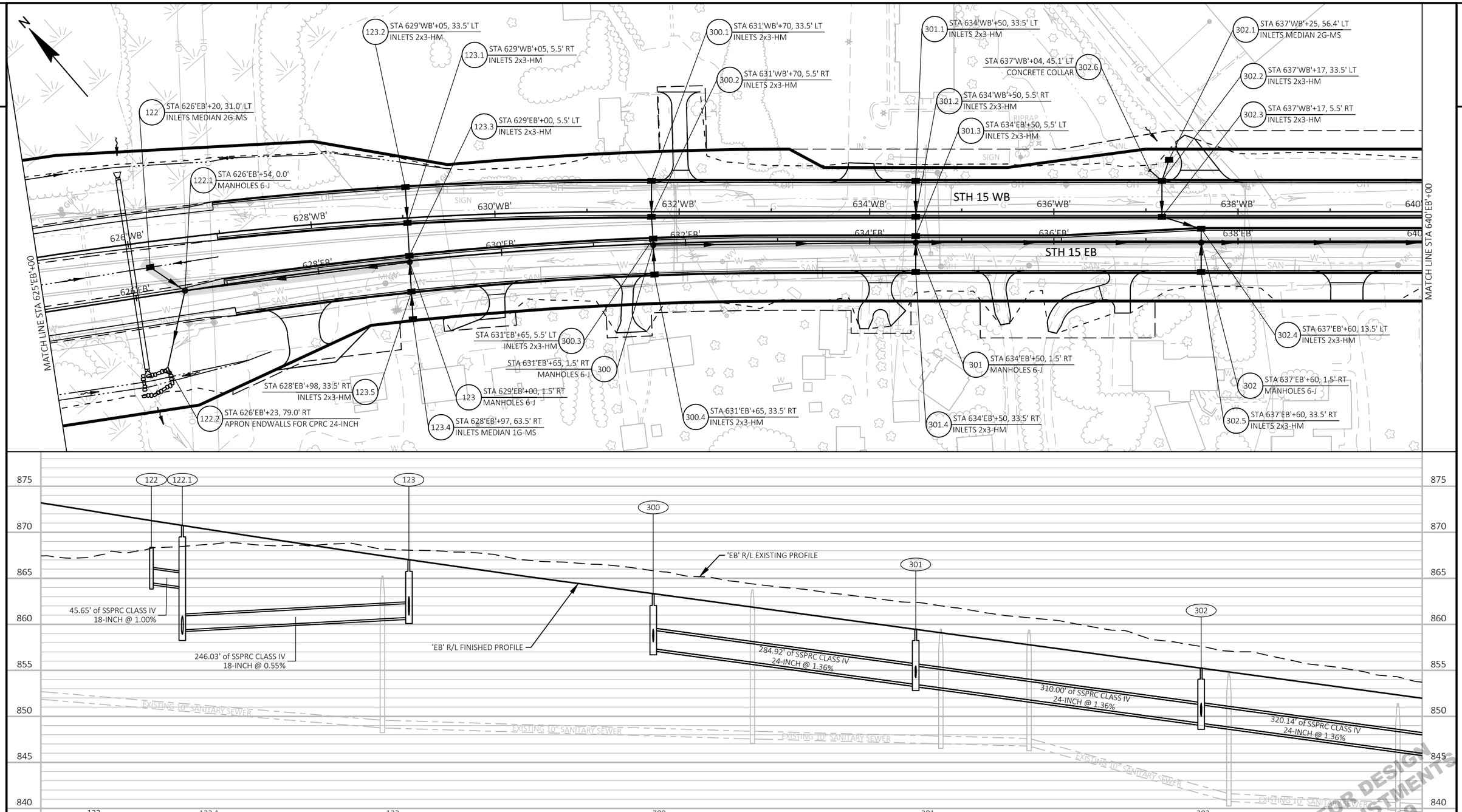
220.1	220
INV: 865.00	RIM: 869.22
	SUMP: 865.51
	DEPTH: 3.71
	SW INV OUT: 865.51

NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 49	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 11A
PLOT DATE : 9/24/2019 4:01 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41



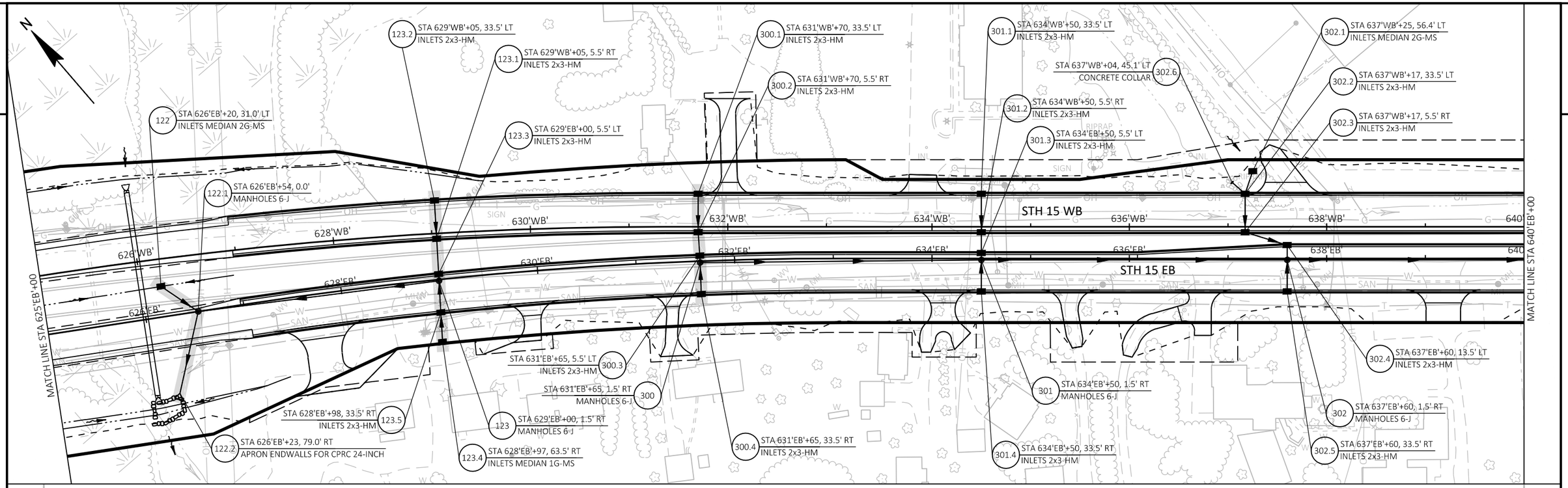
122	122.1	123	300	301	302
RIM: 868.36	RIM: 870.74	RIM: 866.98	RIM: 863.28	RIM: 859.48	RIM: 855.27
SUMP: 864.50	SUMP: 858.90	SUMP: 860.75	SUMP: 857.35	SUMP: 853.47	SUMP: 849.25
DEPTH: 3.86	DEPTH: 11.84	DEPTH: 6.23	DEPTH: 5.93	DEPTH: 6.01	DEPTH: 6.02
S INV OUT: 864.50	SE INV IN: 859.40	NE INV IN: 861.75	SW INV IN: 858.10	SW INV IN: 854.22	SW INV IN: 850.00
	N INV IN: 864.04	SW INV IN: 861.00	NE INV IN: 858.21	NE INV IN: 854.22	NE INV IN: 850.19
	SW INV OUT: 858.90	NW INV OUT: 860.75	SE INV OUT: 857.35	NW INV IN: 853.47	NW INV IN: 849.25
				SE INV OUT: 853.47	SE INV OUT: 849.25

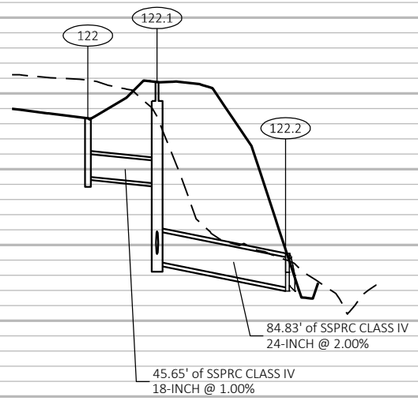
NOTE: DEPTH = RIM - SUMP

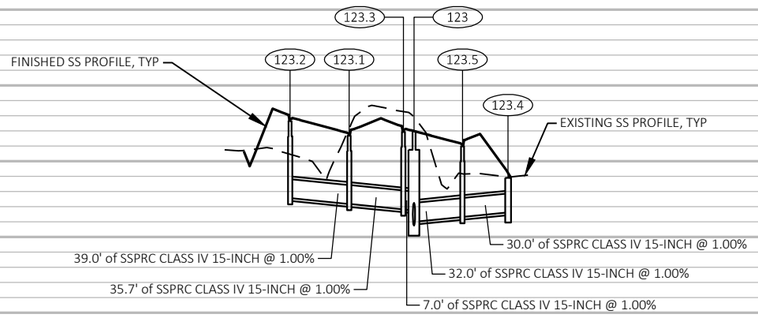
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

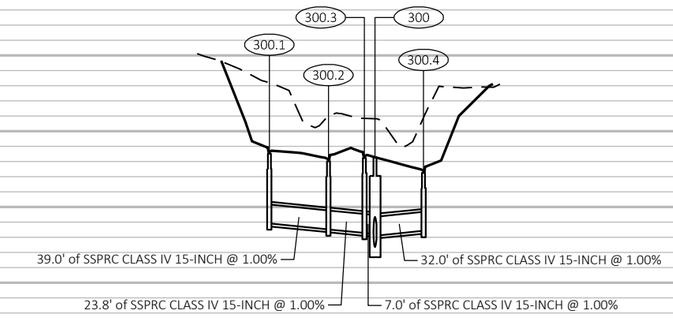
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 50	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 12A
PLOT DATE : 9/24/2019 4:02 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT









122
RIM: 868.36
SUMP: 864.50
DEPTH: 3.86
S INV OUT: 864.50

122.1
RIM: 870.74
SUMP: 858.90
DEPTH: 11.84
SE INV IN: 859.40
N INV IN: 864.04
SW INV OUT: 858.90

122.2
INV: 857.20

123.2
RIM: 867.64
SUMP: 862.56
DEPTH: 5.08
SW INV OUT: 862.56

123
RIM: 866.98
SUMP: 860.75
DEPTH: 6.23
NE INV IN: 861.75
SW INV IN: 861.00
NW INV OUT: 860.75

123.5
RIM: 865.98
SUMP: 861.32
DEPTH: 4.66
SW INV IN: 861.32
NE INV OUT: 861.32

300.1
RIM: 863.51
SUMP: 858.91
DEPTH: 4.61
SW INV OUT: 858.91

300.4
RIM: 862.25
SUMP: 858.42
DEPTH: 3.83
NE INV OUT: 858.42

123.1
RIM: 866.67
SUMP: 862.17
DEPTH: 4.50
NE INV IN: 862.17
SW INV OUT: 862.17

123.3
RIM: 866.92
SUMP: 861.82
DEPTH: 5.11
NE INV IN: 861.82
SW INV OUT: 861.82

123.4
RIM: 863.90
SUMP: 861.62
DEPTH: 2.28
NE INV OUT: 861.62

300.2
RIM: 863.02
SUMP: 858.52
DEPTH: 4.50
NE INV IN: 858.52
SW INV OUT: 858.52

300
RIM: 863.28
SUMP: 857.35
DEPTH: 5.93
SW INV IN: 858.10
NE INV IN: 858.21
SE INV OUT: 857.35

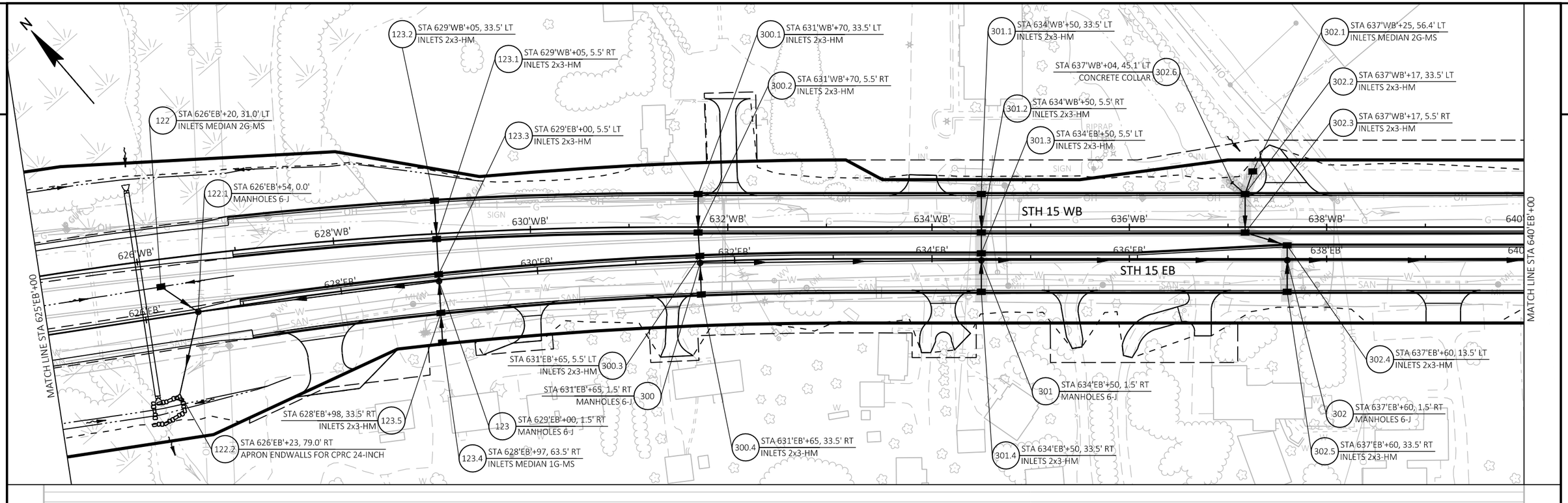
300.3
RIM: 863.22
SUMP: 858.28
DEPTH: 4.94
NE INV IN: 858.28
SW INV OUT: 858.28

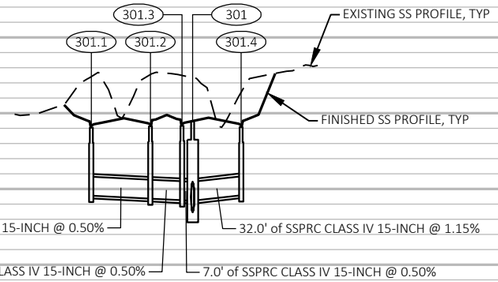
NOTE: DEPTH = RIM - SUMP

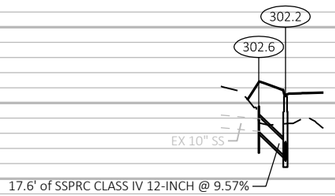
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

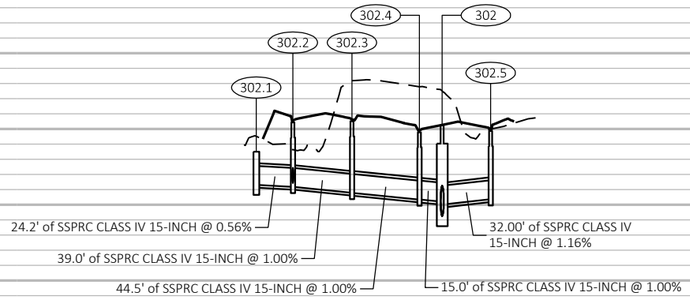
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 51	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 12B
PLOT DATE : 9/24/2019 4:03 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT









301.1	301.2	301	301.3	301.4
RIM: 859.05	RIM: 859.13	RIM: 859.48	RIM: 859.16	RIM: 859.08
SUMP: 854.55	SUMP: 854.36	SUMP: 853.47	SUMP: 854.25	SUMP: 854.58
DEPTH: 4.50	DEPTH: 4.77	DEPTH: 6.01	DEPTH: 4.91	DEPTH: 4.50
SW INV OUT: 854.55	NE INV IN: 854.36	SW INV IN: 854.22	NE INV IN: 854.25	NE INV OUT: 854.58
	SW INV OUT: 854.36	NE INV IN: 854.22	SW INV OUT: 854.25	
		NW INV IN: 853.47		
		SE INV OUT: 853.47		

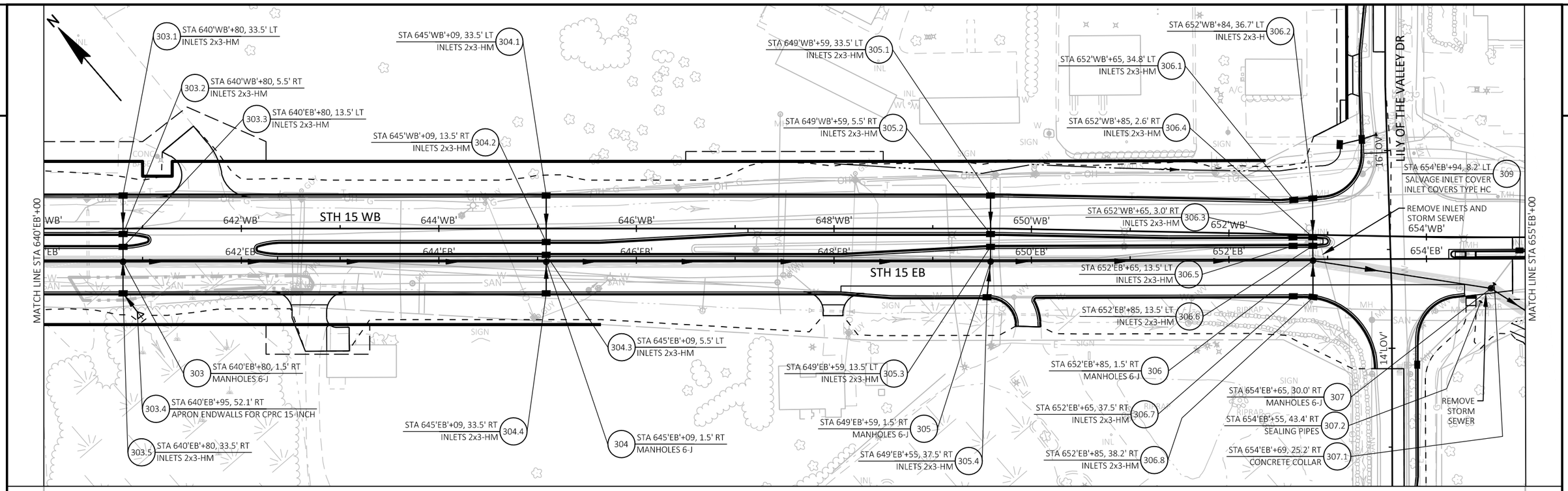
302.6	302.2	302.1	302.3	302.4	302	302.5
INV: 853.11	RIM: 855.43	RIM: 853.50	RIM: 855.51	RIM: 854.78	RIM: 855.27	RIM: 854.87
	SUMP: 851.18	SUMP: 851.31	SUMP: 850.79	SUMP: 850.34	SUMP: 849.25	SUMP: 850.37
	DEPTH: 4.26	DEPTH: 2.19	DEPTH: 4.73	DEPTH: 4.44	DEPTH: 6.02	DEPTH: 4.50
	NE INV IN: 851.18	SW INV OUT: 851.31	NE INV IN: 850.79	NW INV IN: 850.34	SW INV IN: 850.00	NE INV OUT: 850.37
	N INV IN: 851.43		SE INV OUT: 850.79	SW INV OUT: 850.34	NE INV IN: 850.19	
	SW INV OUT: 851.18				NW INV IN: 849.25	
					SE INV OUT: 849.25	

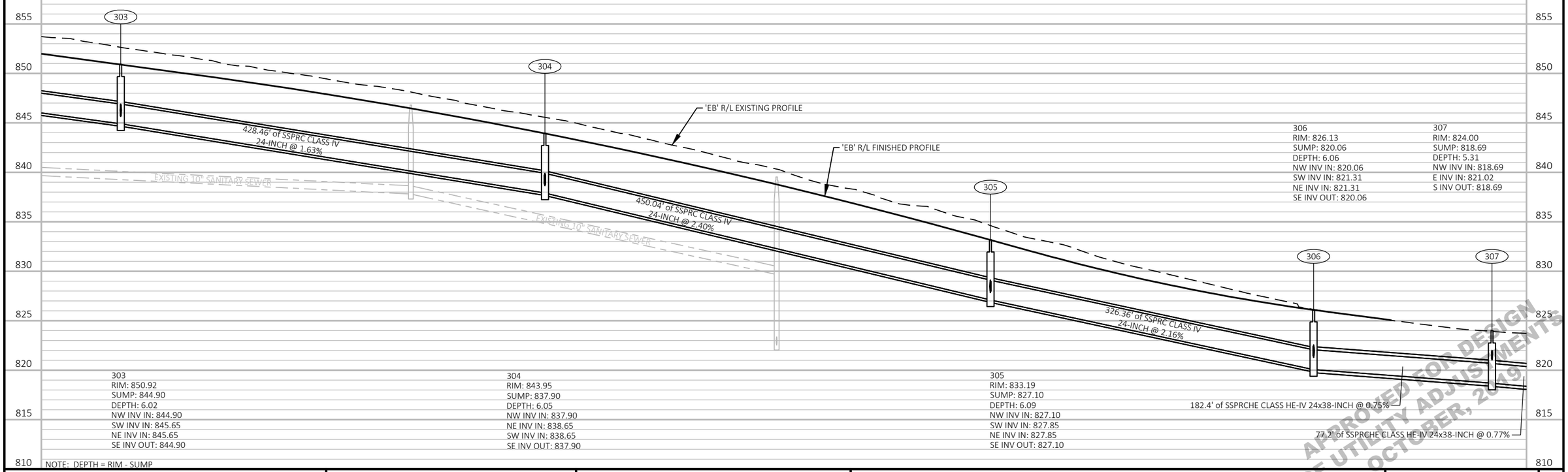
NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 52	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 12C
PLOT DATE : 9/24/2019 4:04 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





303
RIM: 850.92
SUMP: 844.90
DEPTH: 6.02
NW INV IN: 844.90
SW INV IN: 845.65
NE INV IN: 845.65
SE INV OUT: 844.90

304
RIM: 843.95
SUMP: 837.90
DEPTH: 6.05
NW INV IN: 837.90
NE INV IN: 838.65
SW INV IN: 838.65
SE INV OUT: 837.90

305
RIM: 833.19
SUMP: 827.10
DEPTH: 6.09
NW INV IN: 827.10
SW INV IN: 827.85
NE INV IN: 827.85
SE INV OUT: 827.10

306
RIM: 826.13
SUMP: 820.06
DEPTH: 6.06
NW INV IN: 820.06
SW INV IN: 821.31
NE INV IN: 821.31
SE INV OUT: 820.06

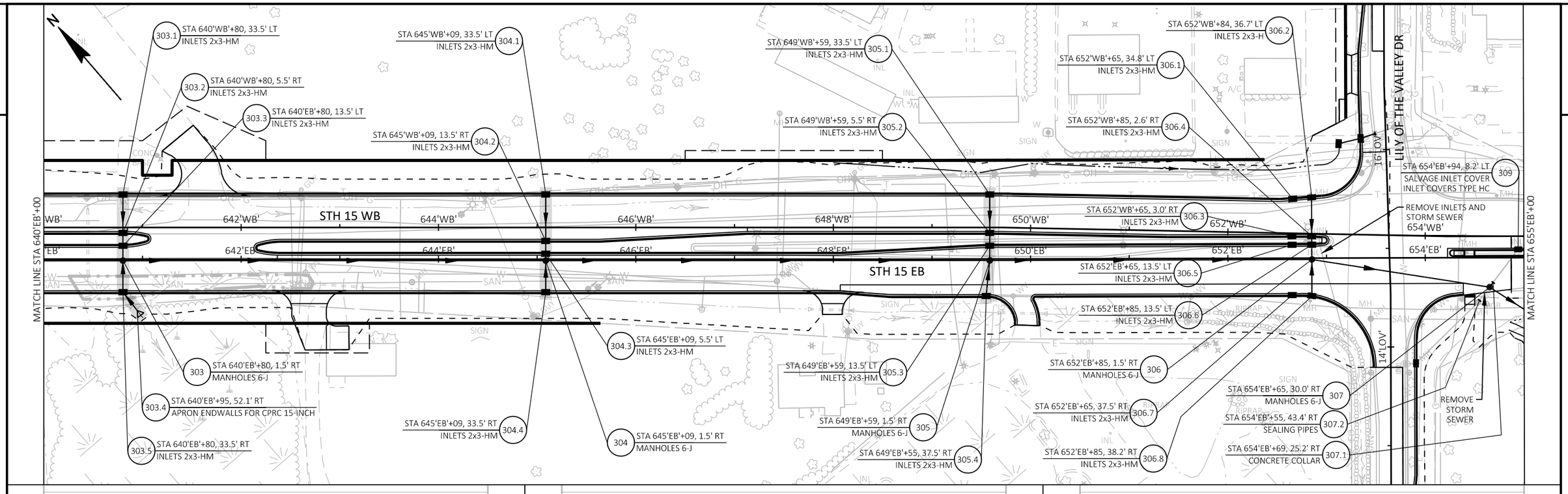
307
RIM: 824.00
SUMP: 818.69
DEPTH: 5.31
NW INV IN: 818.69
E INV IN: 821.02
S INV OUT: 818.69

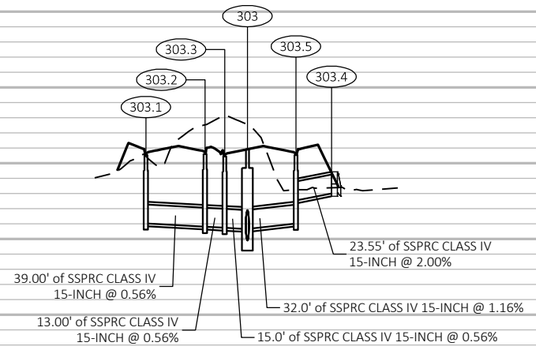
NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 53	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 13A
PLOT DATE : 9/24/2019 4:04 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





303.1
RIM: 850.52
SUMP: 846.02
DEPTH: 4.50
SW INV OUT: 846.02

303
RIM: 850.92
SUMP: 844.90
DEPTH: 6.02
NW INV IN: 844.90
SW INV IN: 845.65
NE INV IN: 845.65
SE INV OUT: 844.90

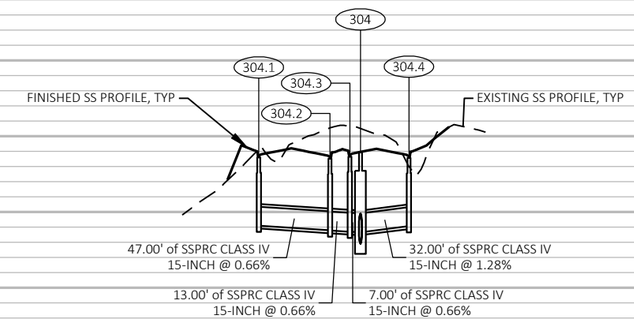
303.4
INV: 848.00

303.2
RIM: 850.60
SUMP: 845.81
DEPTH: 4.80
NE INV IN: 845.81
SW INV OUT: 845.81

303.3
RIM: 850.44
SUMP: 845.73
DEPTH: 4.71
NE INV IN: 845.73
SW INV OUT: 845.73

303.5
RIM: 850.52
SUMP: 846.02
DEPTH: 4.50
S INV IN: 847.53
NE INV OUT: 846.02

NOTE: DEPTH = RIM - SUMP



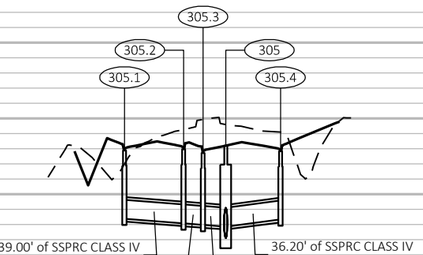
304.2
RIM: 843.51
SUMP: 838.78
DEPTH: 4.73
NE INV IN: 838.78
SW INV OUT: 838.78

304
RIM: 843.95
SUMP: 837.90
DEPTH: 6.05
NW INV IN: 837.90
NE INV IN: 838.65
SW INV IN: 838.65
SE INV OUT: 837.90

304.4
RIM: 843.56
SUMP: 839.06
DEPTH: 4.50
NE INV OUT: 839.06

304.1
RIM: 843.59
SUMP: 839.09
DEPTH: 4.50
SW INV OUT: 839.09

304.3
RIM: 843.64
SUMP: 838.70
DEPTH: 4.94
NE INV IN: 838.70
SW INV OUT: 838.70



305.1
RIM: 832.88
SUMP: 828.38
DEPTH: 4.50
SW INV OUT: 828.38

305.2
RIM: 832.96
SUMP: 828.07
DEPTH: 4.89
NE INV IN: 828.07
SW INV OUT: 828.07

305.3
RIM: 832.71
SUMP: 827.97
DEPTH: 4.74
NE INV IN: 827.97
SW INV OUT: 827.97

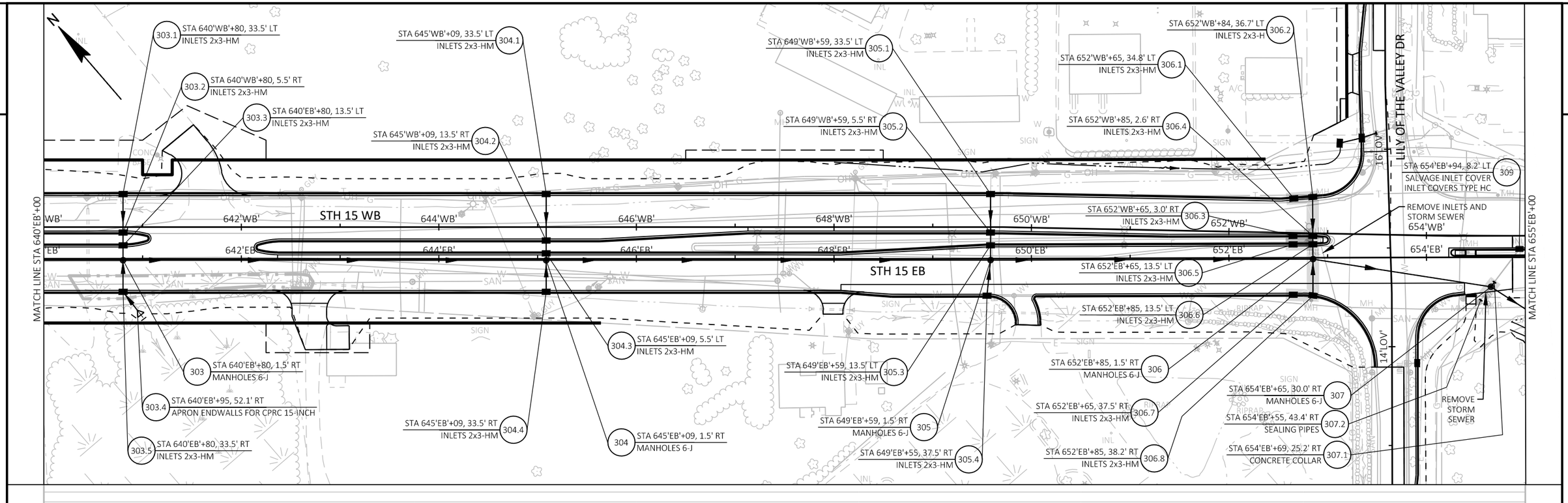
305
RIM: 833.19
SUMP: 827.10
DEPTH: 6.09
NW INV IN: 827.10
SW INV IN: 827.85
NE INV IN: 827.85
SE INV OUT: 827.10

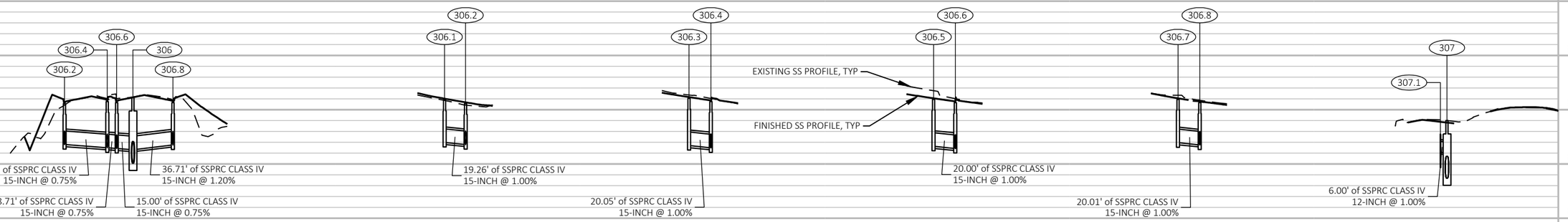
305.4
RIM: 832.82
SUMP: 828.32
DEPTH: 4.50
NE INV OUT: 828.32

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 54	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 13B
PLOT DATE : 9/24/2019 4:05 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





306.2
RIM: 825.57
SUMP: 821.78
DEPTH: 3.78
NW INV IN: 821.78
SW INV OUT: 821.78

306.6
RIM: 825.65
SUMP: 821.42
DEPTH: 4.23
NE INV IN: 821.42
NW INV IN: 821.42
SW INV OUT: 821.42

306.4
RIM: 825.74
SUMP: 821.49
DEPTH: 4.25
NE INV IN: 821.49
NW INV IN: 821.49
SW INV OUT: 821.49

306
RIM: 826.13
SUMP: 820.06
DEPTH: 6.06
NW INV IN: 820.06
SW INV IN: 821.31
NE INV IN: 821.31
SE INV OUT: 820.06

306.8
RIM: 825.65
SUMP: 821.75
DEPTH: 3.89
NW INV IN: 821.75
NE INV OUT: 821.75

306.1
RIM: 825.90
SUMP: 821.98
DEPTH: 3.93
SE INV OUT: 821.98

306.3
RIM: 826.05
SUMP: 821.69
DEPTH: 4.36
SE INV OUT: 821.69

306.5
RIM: 825.94
SUMP: 821.62
DEPTH: 4.32
SE INV OUT: 821.62

306.7
RIM: 825.94
SUMP: 821.95
DEPTH: 3.98
SE INV OUT: 821.95

307.1
INV: 821.08

307
RIM: 824.00
SUMP: 818.69
DEPTH: 5.31
NW INV IN: 818.69
E INV IN: 821.02
S INV OUT: 818.69

NOTE: DEPTH = RIM - SUMP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 55	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 13C
PLOT DATE : 9/24/2019 4:06 PM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

2

MATCH LINE STA 655'EB'+00

STA 657'EB'+69, 10.1' LT
SALVAGE MANHOLE COVER
COVER PLATES TEMPORARY
311

STA 656'WB'+71, 13.4' RT
SALVAGE INLET COVER
INLET COVERS TYPE HC
310

312.1 STA 658'WB'+81, 1.4' RT
SALVAGE INLET COVER
INLET COVERS TYPE HC

312 STA 658'EB'+81, 11.3' LT
SALVAGE MANHOLE COVER
COVER PLATES TEMPORARY

313.1 STA 661'WB'+71, 1.2' RT
SALVAGE INLET COVER
INLET COVERS TYPE HC

STA 664'WB'+21, 1.1' RT
SALVAGE INLET COVER
INLET COVERS TYPE HC
314.1

315.1 STA 664'WB'+71, 1.1' RT
SALVAGE INLET COVER
INLET COVERS TYPE HC

315 STA 664'EB'+72, 10.3' LT
SALVAGE INLET COVER
COVER PLATES TEMPORARY

STA 664'EB'+21, 10.5' LT
SALVAGE INLET COVER
COVER PLATES TEMPORARY
314

656'WB' 658'WB' 660'WB' 662'WB' 664'WB' 666'WB' 668'WB' 669'WB'

STH 15 WB

656'EB' 658'EB' 660'EB' 662'EB' 664'EB' 666'EB' 668'EB' 669'EB'

STH 15 EB

310.1 STA 656'EB'+71, 1.0' LT
SALVAGE INLET COVER
COVER PLATES TEMPORARY

312.2 STA 658'EB'+80, 1.1' LT
SALVAGE INLET COVER
INLET COVERS TYPE HC

POND 'LILY'

500 STA 657'EB'+24, 93.4' RT
APRON ENDWALLS FOR CPRC 12-INCH

500.1 STA 657'EB'+37, 102.1' RT
INLETS MEDIAN 1G-MS

500.2 STA 657'EB'+94, 140.5' RT
APRON ENDWALLS FOR CPRC 18-INCH

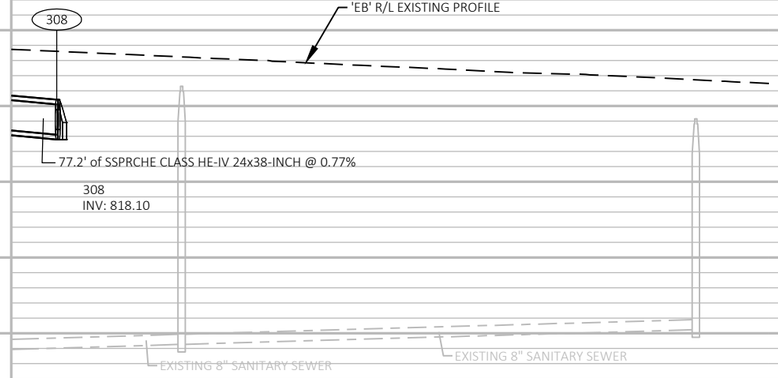
313 STA 661'EB'+71, 11.5' LT
SALVAGE INLET COVER
COVER PLATES TEMPORARY

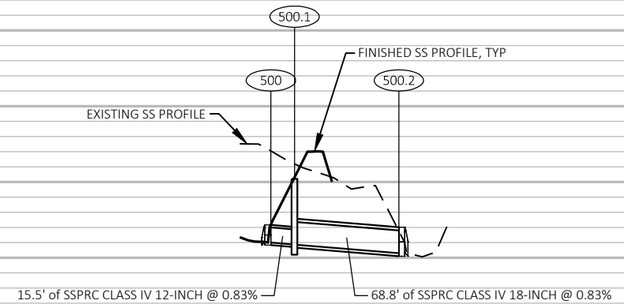
315.2 STA 664'EB'+69, 1.2' LT
SALVAGE INLET COVER
INLET COVERS TYPE HC

313.2 STA 661'EB'+71, 1.1' LT
SALVAGE INLET COVER
INLET COVERS TYPE HC

314.2 STA 664'EB'+21, 1.2' LT
SALVAGE INLET COVER
INLET COVERS TYPE HC

308 STA 655'EB'+30, 72.0' RT
APRON ENDWALLS FOR CPRCHE 24x38-INCH





500	500.1	500.2
INV: 816.00	RIM: 820.20	INV: 815.30
	SUMP: 815.87	
	DEPTH: 4.33	
	N INV IN: 815.87	
	S INV OUT: 815.87	

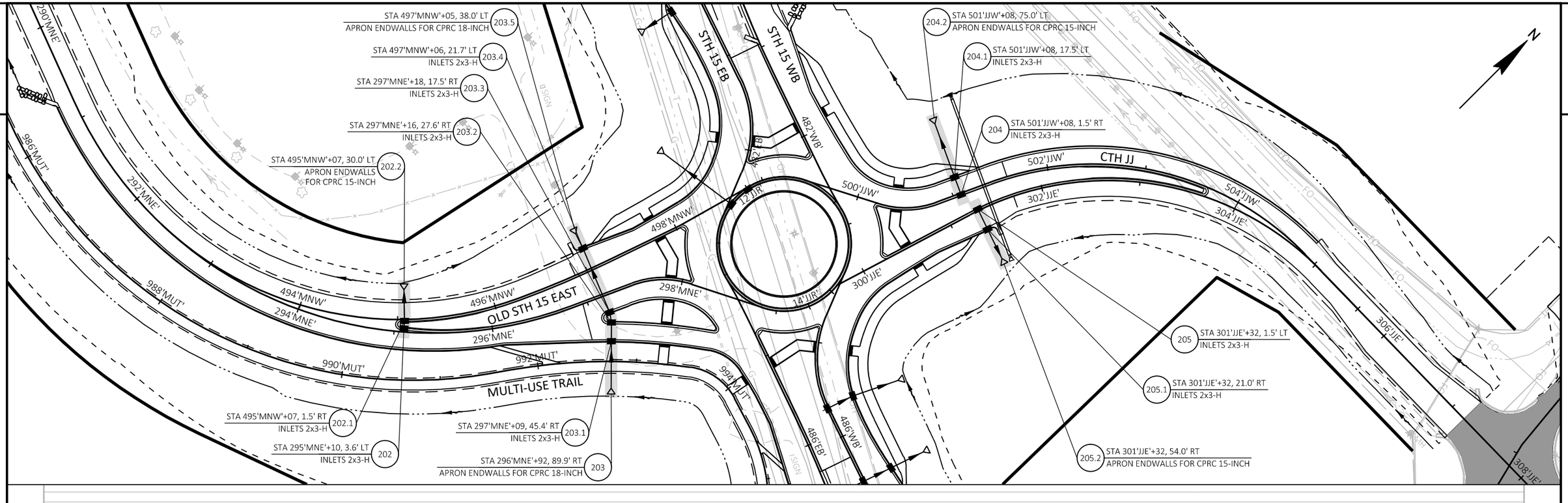
NOTE: DEPTH = RIM - SUMP

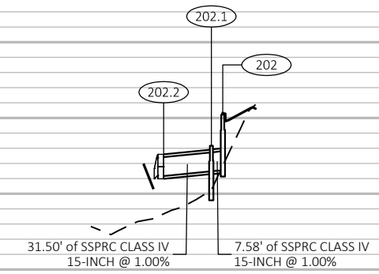
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

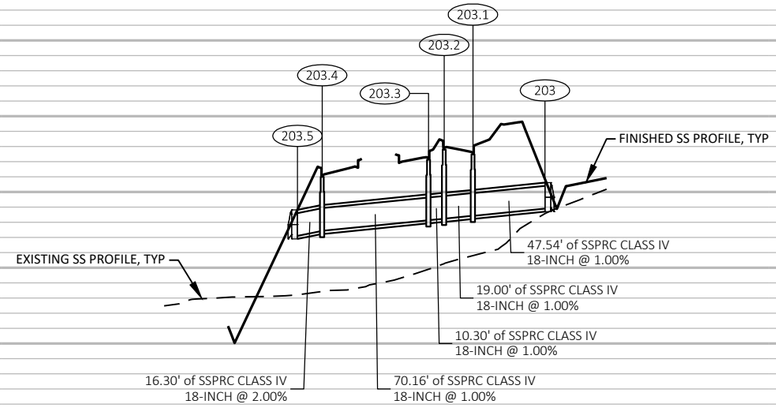
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 56	E

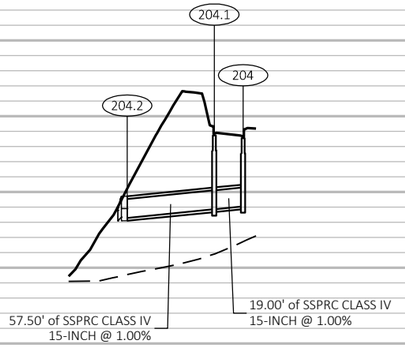
FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022501-SS.DWG
LAYOUT NAME - 14A

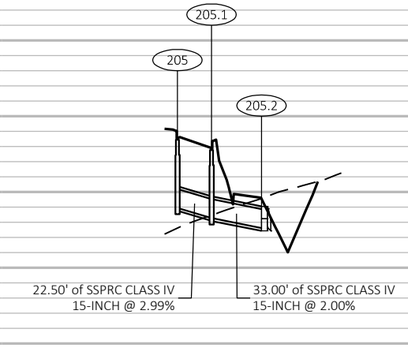
PLOT DATE : 9/24/2019 4:06 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT









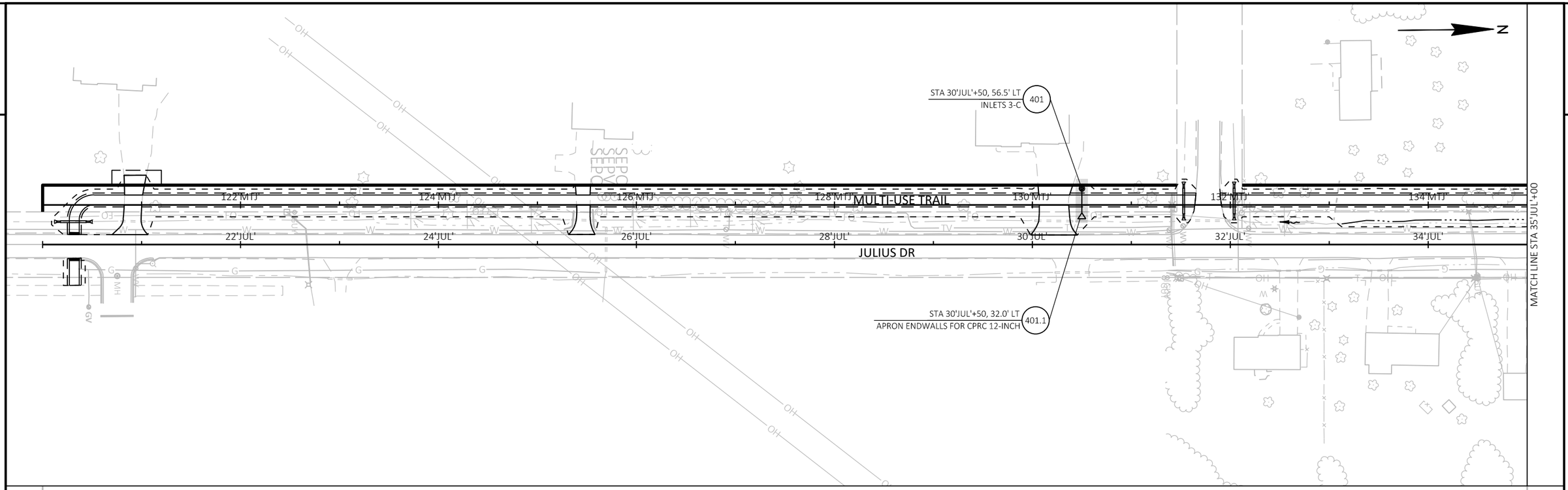


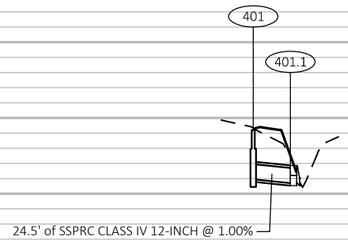
202.2	202.1	202	203.5	203.4	203.3	203.2	203.1	203	204.2	204.1	204	205	205.1	205.2
INV: 906.16	RIM: 908.17 SUMP: 904.98 DEPTH: 3.18 SE INV IN: 906.48 NW INV OUT: 906.48	RIM: 910.21 SUMP: 906.55 DEPTH: 3.65 NW INV OUT: 906.55	INV: 907.10	RIM: 910.99 SUMP: 907.43 DEPTH: 3.56 E INV IN: 907.43 W INV OUT: 907.43	RIM: 912.13 SUMP: 908.13 DEPTH: 4.00 SE INV IN: 908.13 W INV OUT: 908.13	RIM: 912.80 SUMP: 908.23 DEPTH: 4.56 SE INV IN: 908.23 NW INV OUT: 908.23	RIM: 912.48 SUMP: 908.42 DEPTH: 4.05 SE INV IN: 908.42 NW INV OUT: 908.42	INV: 908.90	INV: 908.28	RIM: 913.73 SUMP: 908.86 DEPTH: 4.88 SE INV IN: 908.86 NW INV OUT: 908.86	RIM: 913.55 SUMP: 909.05 DEPTH: 4.50 NW INV OUT: 909.05	RIM: 913.44 SUMP: 908.94 DEPTH: 4.50 E INV OUT: 908.94	RIM: 912.77 SUMP: 908.27 DEPTH: 4.50 W INV IN: 908.27 E INV OUT: 908.27	INV: 907.61

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 57	E

2





401
RIM: 869.20
SUMP: 865.94
DEPTH: 3.26
E INV OUT: 865.94

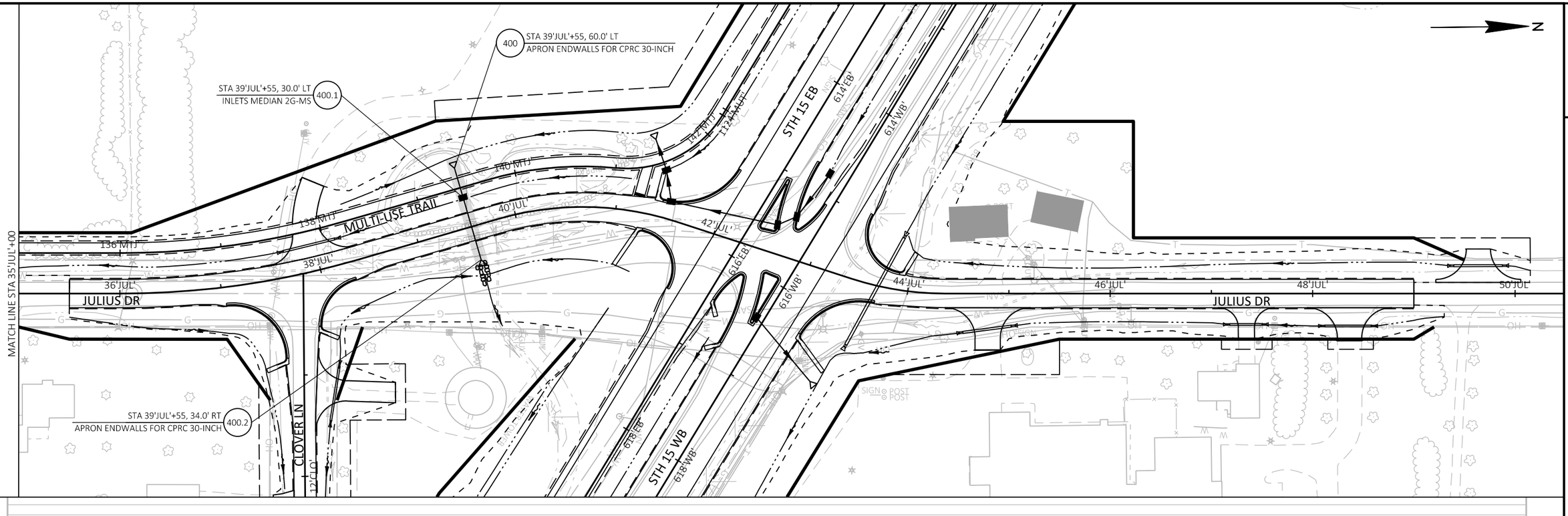
401.1
INV: 865.70

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

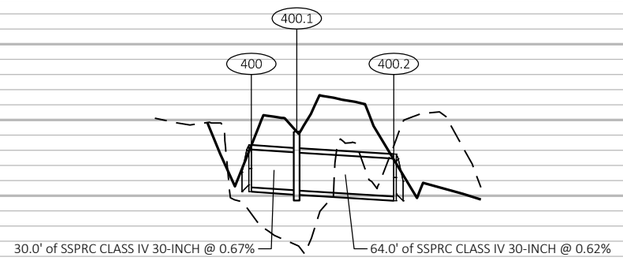
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 58	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022502-SS.DWG
LAYOUT NAME - 02 'JUL'

PLOT DATE : 9/24/2019 4:27 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT



2



400	400.1	400.2
INV: 875.55	RIM: 879.23	INV: 874.95
	SUMP: 875.35	
	DEPTH: 3.88	
	W INV IN: 875.35	
	E INV OUT: 875.35	

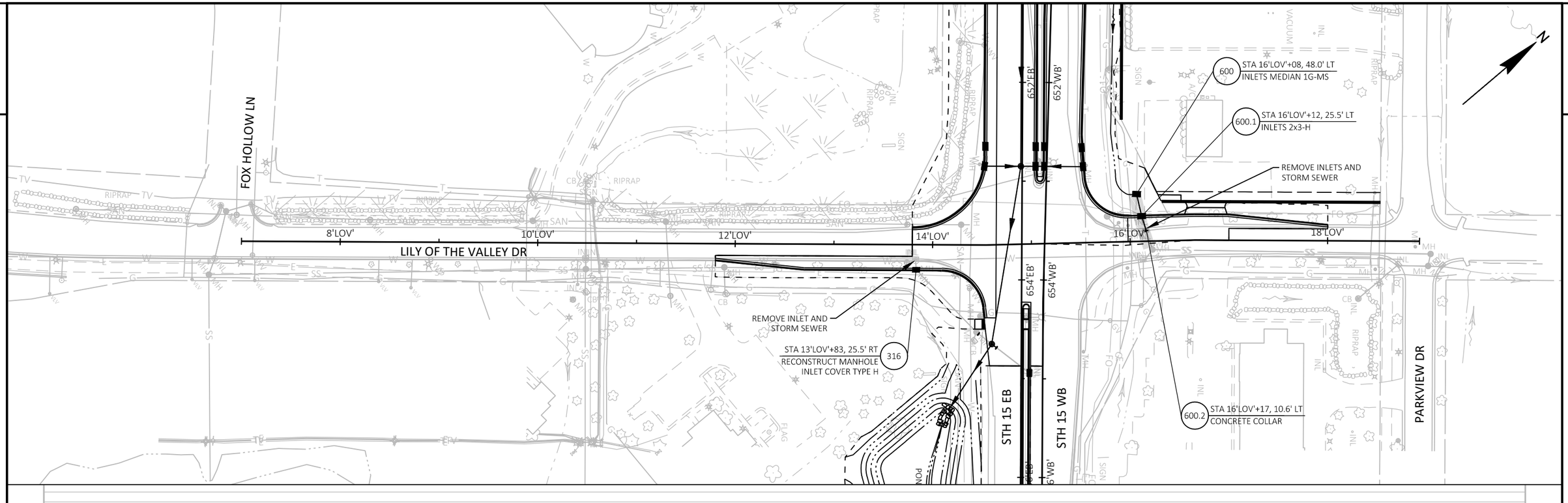
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

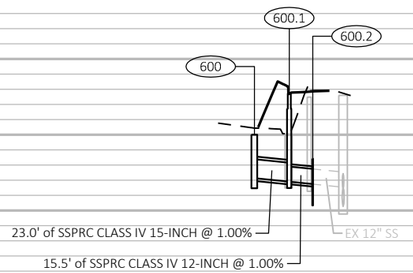
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 59	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022502-SS.DWG
LAYOUT NAME - 03 'JUL'

PLOT DATE : 9/24/2019 4:28 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2





600	600.1	600.2
RIM: 820.00	RIM: 822.71	INV: 816.75
SUMP: 817.13	SUMP: 816.91	
DEPTH: 2.87	DEPTH: 5.81	
SE INV OUT: 817.13	NW INV IN: 816.91	
	E INV OUT: 816.91	

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 60	E

FILE NAME : C:\PW_WORKDIR\DEN001\ASARAUER\D1086473\11467572-022502-SS.DWG
LAYOUT NAME - 04 'LOV'
PLOT DATE : 9/24/2019 4:29 PM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
100	AL-15EB-EAST	465+25.00	-30.00	LT	INLETS MEDIAN 2G-MS	864.67	862.35	2.32	0.00	100-100.1 OUT	SW	SSPRC CLASS IV 18-INCH	862.35	TO STR: 100.1	86.00'	0.50%	
100.1	AL-15WB-EAST	465+25.00	116.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					100-100.1 IN	NE	SSPRC CLASS IV 18-INCH	861.92	FROM STR: 100	--	--	
101	AL-15EB-EAST	473+00.00	-30.00	LT	INLETS MEDIAN 2G-MS	887.13	885.00	2.12	0.00	101-101.1 OUT	SW	SSPRC CLASS IV 18-INCH	885.00	TO STR: 101.1	88.00'	0.30%	
101.1	AL-15EB-EAST	473+00.00	58.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					101-101.1 IN	NE	SSPRC CLASS IV 18-INCH	884.74	FROM STR: 101	--	--	
102	AL-15WB-EAST	498+00.00	30.00	RT	INLETS MEDIAN 2G-MS	911.04	906.74	4.30	0.00	102-102.1 OUT	NE	SSPRC CLASS IV 18-INCH	906.74	TO STR: 102.1	96.00'	1.00%	
102.1	AL-15WB-EAST	498+00.00	-66.00	LT	APRON ENDWALLS FOR CPRC 18-INCH					102-102.1 IN	SW	SSPRC CLASS IV 18-INCH	905.78	FROM STR: 102	--	--	
103	AL-15WB-EAST	503+00.00	27.00	RT	INLETS MEDIAN 2G-MS	905.77	901.86	3.91	0.00	103-103.1 OUT	NE	SSPRC CLASS IV 18-INCH	901.86	TO STR: 103.1	95.00'	1.00%	
103.1	AL-15WB-EAST	503+00.00	-68.00	LT	APRON ENDWALLS FOR CPRC 18-INCH					103-103.1 IN	SW	SSPRC CLASS IV 18-INCH	900.91	FROM STR: 103	--	--	
104.1	AL-15EB-EAST	512+35.00	56.00	RT	APRON ENDWALLS FOR CPRCHE 19X30-INCH					104.1-104.2 OUT	NE	SSPRCHE CLASS HE-IV 19X30-INCH	895.54	TO STR: 104.2	86.00'	2.10%	
104.2	AL-15EB-EAST	512+35.00	-30.00	LT	INLETS MEDIAN 2G-MS	896.64	893.73	2.91	0.00	104.1-104.2 IN 104.2-104.3 OUT	SW NE	SSPRCHE CLASS HE-IV 19X30-INCH SSPRCHE CLASS HE-IV 19X30-INCH	893.73 893.73	FROM STR: 104.1 TO STR: 104.3	-- 93.00'	-- 0.52%	
104.3	AL-15WB-EAST	512+35.00	-63.00	LT	APRON ENDWALLS FOR CPRCHE 19X30-INCH					104.2-104.3 IN	SW	SSPRCHE CLASS HE-IV 19X30-INCH	893.25	FROM STR: 104.2	--	--	
105	AL-15WB-EAST	518+00.00	28.91	RT	INLETS MEDIAN 2G-MS	895.00	892.85	2.15	0.00	105-105.1 OUT	NE	SSPRC CLASS IV 18-INCH	892.85	TO STR: 105.1	85.41'	0.30%	
105.1	AL-15WB-EAST	518+00.00	-56.50	LT	APRON ENDWALLS FOR CPRC 18-INCH					105-105.1 IN	SW	SSPRC CLASS IV 18-INCH	892.59	FROM STR: 105	--	--	
106	AL-15WB-EAST	522+00.00	30.00	RT	INLETS MEDIAN 2G-MS	896.66	893.66	3.00	0.00	106-106.1 OUT	NE	SSPRC CLASS IV 18-INCH	893.66	TO STR: 106.1	93.00'	1.00%	
106.1	AL-15WB-EAST	522+00.00	-63.00	LT	APRON ENDWALLS FOR CPRC 18-INCH					106-106.1 IN	SW	SSPRC CLASS IV 18-INCH	892.73	FROM STR: 106	--	--	
107	AL-15EB-EAST	541+50.00	-30.48	LT	INLETS MEDIAN 1G-MS	897.63	893.46	4.17	0.00	107-107.1 OUT	SW	SSPRC CLASS IV 18-INCH	893.46	TO STR: 107.1	85.48'	2.87%	
107.1	AL-15EB-EAST	541+50.00	55.00	RT	INLETS MEDIAN 2G-MS	895.90	891.01	4.90	0.00	107-107.1 IN 107.1-107.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	891.01 891.01	FROM STR: 107 TO STR: 107.2	-- 43.00'	-- 3.07%	
107.2	AL-15EB-EAST	541+50.00	98.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					107.1-107.2 IN	NE	SSPRC CLASS IV 18-INCH	889.69	FROM STR: 107.1	--	--	
108	AL-15EB-EAST	546+58.60	-32.01	LT	INLETS MEDIAN 1G-MS	891.27	885.93	5.34	0.00	108-108.1 OUT	SW	SSPRC CLASS IV 18-INCH	885.93	TO STR: 108.1	124.01'	1.56%	
108.1	AL-15EB-EAST	546+58.60	92.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					108-108.1 IN	NE	SSPRC CLASS IV 18-INCH	884.00	FROM STR: 108	--	--	
109	AL-15EB-EAST	550+49.98	-38.60	LT	INLETS MEDIAN 2G-MS	888.97	885.71	3.26	0.00	109-109.1 OUT	SW	SSPRC CLASS IV 18-INCH	885.71	TO STR: 109.1	120.60'	0.49%	
109.1	AL-15EB-EAST	550+50.00	82.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					109-109.1 IN	NE	SSPRC CLASS IV 18-INCH	885.12	FROM STR: 109	--	--	
110	AL-15WB-EAST	527+00.00	29.30	RT	INLETS MEDIAN 1G-MS	900.25	892.90	7.36	0.00	110-110.1 OUT	SW	SSPRC CLASS IV 18-INCH	892.90	TO STR: 110.1	94.70'	2.00%	
110.1	AL-15WB-EAST	527+00.00	124.00	RT	INLETS MEDIAN 1G-MS	899.28	891.00	8.28	0.00	110-110.1 IN 110.1-110.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	891.00 891.00	FROM STR: 110 TO STR: 110.2	-- 63.00'	-- 2.00%	
110.2	AL-15WB-EAST	527+00.00	187.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					110.1-110.2 IN	NE	SSPRC CLASS IV 18-INCH	889.74	FROM STR: 110.1	--	--	
111	AL-15EB-EAST	553+58.61	-20.95	LT	INLETS MEDIAN 2G-MS	889.52	884.90	4.62	0.00	111-111.1 OUT	SW	SSPRC CLASS IV 18-INCH	884.90	TO STR: 111.1	75.73'	1.06%	
111.1	AL-15EB-EAST	553+58.70	54.78	RT	INLETS MEDIAN 2G-MS	888.24	884.10	4.14	0.00	111-111.1 IN 111.1-111.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	884.10 884.10	FROM STR: 111 TO STR: 111.2	-- 51.00'	-- 1.18%	
111.2	AL-15EB-EAST	553+58.77	105.78	RT	APRON ENDWALLS FOR CPRC 18-INCH					111.1-111.2 IN	NE	SSPRC CLASS IV 18-INCH	883.50	FROM STR: 111.1	--	--	
112	AL-15WB-EAST	568+54.08	-59.45	LT	APRON ENDWALLS FOR CPRC 36-INCH					112-112.1 OUT	SW	SSPRC CLASS IV 36-INCH	887.00	TO STR: 112.1	88.00'	0.69%	
112.1	AL-15EB-EAST	568+33.97	-33.78	LT	INLETS MEDIAN 2G-MS	892.21	886.39	5.82	0.00	112-112.1 IN 112.4-112.1 IN 112.1-112.2 OUT	NE SE SW	SSPRC CLASS IV 36-INCH SSPRC CLASS IV 18-INCH SSPRC CLASS IV 36-INCH	886.39 887.89 886.39	FROM STR: 112 FROM STR: 112.4 TO STR: 112.2	-- -- 91.11'	-- -- 0.63%	
112.2	AL-15EB-EAST	568+13.14	54.92	RT	INLETS MEDIAN 2G-MS	891.06	885.82	5.24	0.00	112.1-112.2 IN 112.2-112.3 OUT	NE SW	SSPRC CLASS IV 36-INCH SSPRC CLASS IV 36-INCH	885.82 885.82	FROM STR: 112.1 TO STR: 112.3	-- 61.00'	-- 0.69%	
112.3	AL-15EB-EAST	567+99.20	114.30	RT	APRON ENDWALLS FOR CPRC 36-INCH					112.2-112.3 IN	NE	SSPRC CLASS IV 36-INCH	885.40	FROM STR: 112.2	--	--	
112.4	AL-15EB-EAST	571+00.00	-27.00	LT	INLETS MEDIAN 2G-MS	892.88	888.72	4.17	0.00	112.4-112.1 OUT	NW	SSPRC CLASS IV 18-INCH	888.72	TO STR: 112.1	266.12'	0.31%	
113	AL-15WB-EAST	580+60.72	-59.75	LT	APRON ENDWALLS FOR CPRC 30-INCH					113-113.1 OUT	S	SSPRC CLASS IV 30-INCH	890.50	TO STR: 113.1	98.00'	0.17%	

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

2

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
113.1	AL-15EB-EAST	581+01.61	-30.69	LT	INLETS MEDIAN 2G-MS	894.57	890.33	4.24	0.00	113-113.1 IN 113.1-113.2 OUT	N S	SSPRC CLASS IV 30-INCH SSPRC CLASS IV 30-INCH	890.33 890.33	FROM STR: 113 TO STR: 113.2	-- 93.48'	-- 0.16%	
113.2	AL-15EB-EAST	581+40.62	54.26	RT	INLETS MEDIAN 2G-MS	893.64	890.18	3.46	0.00	113.1-113.2 IN 113.2-113.3 OUT	N S	SSPRC CLASS IV 30-INCH SSPRC CLASS IV 30-INCH	890.18 890.18	FROM STR: 113.1 TO STR: 113.3	-- 41.50'	-- 0.19%	
113.3	AL-15EB-EAST	581+57.93	91.97	RT	APRON ENDWALLS FOR CPRC 30-INCH					113.2-113.3 IN	N	SSPRC CLASS IV 30-INCH	890.10	FROM STR: 113.2	--	--	
114	AL-15EB-EAST	586+99.96	-38.55	LT	INLETS MEDIAN 2G-MS	893.51	889.35	4.16	0.00	114-114.1 OUT	SW	SSPRC CLASS IV 18-INCH	889.35	TO STR: 114.1	93.55'	2.00%	
114.1	AL-15EB-EAST	586+99.96	55.00	RT	INLETS MEDIAN 2G-MS	891.90	887.48	4.42	0.00	114-114.1 IN 114.1-114.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	887.48 887.48	FROM STR: 114 TO STR: 114.2	-- 45.00'	-- 2.29%	
114.2	AL-15EB-EAST	587+00.00	100.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					114.1-114.2 IN	NE	SSPRC CLASS IV 18-INCH	886.45	FROM STR: 114.1	--	--	
115	AL-15EB-EAST	589+08.60	-29.00	LT	INLETS MEDIAN 2G-MS	892.86	889.58	3.28	0.00	115-115.1 OUT	SW	SSPRC CLASS IV 18-INCH	889.58	TO STR: 115.1	84.04'	2.05%	
115.1	AL-15EB-EAST	589+08.60	55.04	RT	INLETS MEDIAN 2G-MS	891.76	887.85	3.91	0.00	115-115.1 IN 115.1-115.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	887.85 887.85	FROM STR: 115 TO STR: 115.2	-- 43.96'	-- 2.05%	
115.2	AL-15EB-EAST	589+08.60	99.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					115.1-115.2 IN	NE	SSPRC CLASS IV 18-INCH	886.95	FROM STR: 115.1	--	--	
117	AL-15EB-EAST	598+50.01	-13.00	LT	INLETS MEDIAN 4G-MS	899.75	897.72	2.03	0.00	117-117.1 OUT	SW	SSPRC CLASS IV 18-INCH	897.40	TO STR: 117.1	56.00'	0.48%	
117.1	AL-15EB-EAST	598+50.00	43.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					117-117.1 IN	NE	SSPRC CLASS IV 18-INCH	897.13	FROM STR: 117	--	--	
118	AL-15EB-EAST	609+00.00	-30.00	LT	INLETS MEDIAN 1G-MS	896.77	892.83	3.94	0.00	118-118.1 OUT	SW	SSPRC CLASS IV 18-INCH	892.83	TO STR: 118.1	90.00'	0.76%	
118.1	AL-15EB-EAST	609+00.00	60.00	RT	INLETS MEDIAN 1G-MS	895.26	892.15	3.11	0.00	118-118.1 IN 118.1-118.2 OUT	NE SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	892.15 892.15	FROM STR: 118 TO STR: 118.2	-- 37.00'	-- 0.75%	
118.2	AL-15EB-EAST	609+00.00	97.00	RT	APRON ENDWALLS FOR CPRC 18-INCH					118.1-118.2 IN	NE	SSPRC CLASS IV 18-INCH	891.87	FROM STR: 118.1	--	--	
119	AL-15EB-EAST	614+80.00	-40.75	LT	INLETS MEDIAN 2G-MS	889.76	885.14	4.62	0.00	119-119.1 OUT	SE	SSPRC CLASS IV 18-INCH	885.14	TO STR: 119.1	53.83'	2.00%	
119.1	AL-15EB-EAST	615+33.50	-34.76	LT	INLETS 2X3-HM	889.96	884.07	5.89	0.00	119-119.1 IN 119.1-119.2 OUT	NW S	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	884.07 884.07	FROM STR: 119 TO STR: 119.2	-- 20.53'	-- 2.00%	
119.2	AL-15EB-EAST	615+50.12	-22.72	LT	INLETS 2X3-HM-S	889.60	883.66	5.94	0.00	119.1-119.2 IN 119.2-119.3 OUT	N S	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	883.66 883.66	FROM STR: 119.1 TO STR: 119.3	-- 107.41'	-- 2.00%	
119.3	AL-15EB-EAST	615+85.04	78.86	RT	INLETS 2X3-HM	887.86	881.51	6.35	0.00	119.2-119.3 IN 119.3-119.4 OUT	N W	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	881.51 881.51	FROM STR: 119.2 TO STR: 119.4	-- 31.40'	-- 2.00%	
119.4	AL-15EB-EAST	615+60.97	99.04	RT	INLETS MEDIAN 1G-MS	884.60	880.88	3.72	0.00	119.3-119.4 IN 119.4-119.5 OUT	E W	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	880.88 880.88	FROM STR: 119.3 TO STR: 119.5	-- 32.00'	-- 2.00%	
119.5	AL-15EB-EAST	615+40.59	123.71	RT	APRON ENDWALLS FOR CPRC 18-INCH					119.4-119.5 IN	E	SSPRC CLASS IV 18-INCH	880.24	FROM STR: 119.4	--	--	
121	AL-15WB-EAST	616+39.12	7.50	RT	INLETS 2X3-HM-S	888.27	882.22	6.05	0.00	121-121.1 OUT	NE	SSPRC CLASS IV 15-INCH	882.22	TO STR: 121.1	82.41'	3.18%	
121.1	AL-15WB-EAST	616+65.56	-70.55	LT	APRON ENDWALLS FOR CPRC 15-INCH					121-121.1 IN	SW	SSPRC CLASS IV 15-INCH	879.60	FROM STR: 121	--	--	
122	AL-15EB-EAST	626+20.00	-31.00	LT	INLETS MEDIAN 2G-MS	868.36	864.50	3.86	0.00	122-122.1 OUT	S	SSPRC CLASS IV 18-INCH	864.50	TO STR: 122.1	45.65'	1.00%	
122.1	AL-15EB-EAST	626+53.51	0.00		MANHOLES 6-J	870.74	858.90	11.84	0.00	123-122.1 IN 122-122.1 IN 122.1-122.2 OUT	SE N SW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH SSPRC CLASS IV 24-INCH	859.40 864.04 858.90	FROM STR: 123 FROM STR: 122 TO STR: 122.2	-- -- 84.83'	-- -- 2.00%	
122.2	AL-15EB-EAST	626+22.60	79.00	RT	APRON ENDWALLS FOR CPRC 24-INCH					122.1-122.2 IN	NE	SSPRC CLASS IV 24-INCH	857.20	FROM STR: 122.1	--	--	
123	AL-15EB-EAST	628+99.61	1.50	RT	MANHOLES 6-J	866.98	860.75	6.23	0.00	123.3-123 IN 123.5-123 IN 123-122.1 OUT	NE SW NW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 18-INCH	861.75 861.00 860.75	FROM STR: 123.3 FROM STR: 123.5 TO STR: 122.1	-- -- 246.03'	-- -- 0.55%	
123.1	AL-15WB-EAST	629+04.60	5.50	RT	INLETS 2X3-HM	866.67	862.17	4.50	0.00	123.2-123.1 IN 123.1-123.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	862.17 862.17	FROM STR: 123.2 TO STR: 123.3	-- 35.73'	-- 1.00%	
123.2	AL-15WB-EAST	629+04.60	-33.50	LT	INLETS 2X3-HM	867.64	862.56	5.08	0.00	123.2-123.1 OUT	SW	SSPRC CLASS IV 15-INCH	862.56	TO STR: 123.1	39.00'	1.00%	
123.3	AL-15EB-EAST	628+99.93	-5.50	LT	INLETS 2X3-HM	866.92	861.82	5.11	0.00	123.1-123.3 IN 123.3-123 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	861.82 861.82	FROM STR: 123.1 TO STR: 123	-- 7.01'	-- 1.00%	
123.4	AL-15EB-EAST	628+96.71	63.50	RT	INLETS MEDIAN 1G-MS	863.90	861.62	2.28	0.00	123.4-123.5 OUT	NE	SSPRC CLASS IV 15-INCH	861.62	TO STR: 123.5	30.03'	1.00%	
123.5	AL-15EB-EAST	628+98.12	33.50	RT	INLETS 2X3-HM	865.98	861.32	4.66	0.00	123.4-123.5 IN 123.5-123 OUT	SW NE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	861.32 861.32	FROM STR: 123.4 TO STR: 123	-- 32.03'	-- 1.00%	
200	AL-15EB-EAST	480+34.94	30.89	RT	INLETS 2X3-H	909.93	905.43	4.50	0.00	200-200.1 OUT	S	SSPRC CLASS IV 15-INCH	905.43	TO STR: 200.1	32.36'	1.00%	
200.1	AL-15EB-EAST	480+38.95	63.00	RT	APRON ENDWALLS FOR CPRC 15-INCH					200-200.1 IN	N	SSPRC CLASS IV 15-INCH	905.11	FROM STR: 200	--	--	
201	AL-CTHJJ-RAB	12+00.00	-1.71	LT	INLETS 2X2.5-T	913.15	908.65	4.50	0.00	201-201.1 OUT	S	SSPRC CLASS IV 15-INCH	908.65	TO STR: 201.1	22.47'	1.00%	

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
201.1	AL-CTHJJ-RAB	12+23.16	-1.71	LT	INLETS 2X2.5-T	913.20	908.42	4.78	0.00	201-201.1 IN 201.1-201.2 OUT	N W	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	908.42 908.42	FROM STR: 201 TO STR: 201.2	-- 85.71'	-- 1.00%	
201.2	AL-CTHJJ-RAB	12+23.16	84.00	RT	APRON ENDWALLS FOR CPRC 15-INCH					201.1-201.2 IN	E	SSPRC CLASS IV 15-INCH	907.56	FROM STR: 201.1	--	--	
202	AL-MNE	295+09.73	-3.64	LT	INLETS 2X3-H	910.21	906.55	3.65	0.00	202-202.1 OUT	NW	SSPRC CLASS IV 15-INCH	906.55	TO STR: 202.1	7.58'	1.00%	
202.1	AL-MNW	495+06.94	1.50	RT	INLETS 2X3-H	908.17	904.98	3.18	0.00	202-202.1 IN 202.1-202.2 OUT	SE NW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	906.48 906.48	FROM STR: 202 TO STR: 202.2	-- 31.50'	-- 1.00%	
202.2	AL-MNW	495+06.94	-30.00	LT	APRON ENDWALLS FOR CPRC 15-INCH					202.1-202.2 IN	SE	SSPRC CLASS IV 15-INCH	906.16	FROM STR: 202.1	--	--	
203	AL-MNE	296+92.20	89.86	RT	APRON ENDWALLS FOR CPRC 18-INCH					203-203.1 OUT	NW	SSPRC CLASS IV 18-INCH	908.90	TO STR: 203.1	47.54'	1.00%	
203.1	AL-MNE	297+09.04	45.40	RT	INLETS 2X3-H	912.48	908.42	4.05	0.00	203-203.1 IN 203.1-203.2 OUT	SE NW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	908.42 908.42	FROM STR: 203 TO STR: 203.2	-- 19.00'	-- 1.00%	
203.2	AL-MNE	297+15.78	27.63	RT	INLETS 2X3-H	912.80	908.23	4.56	0.00	203.1-203.2 IN 203.2-203.3 OUT	SE NW	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	908.23 908.23	FROM STR: 203.1 TO STR: 203.3	-- 10.30'	-- 1.00%	
203.3	AL-MNE	297+17.64	17.50	RT	INLETS 2X3-H	912.13	908.13	4.00	0.00	203.2-203.3 IN 203.3-203.4 OUT	SE W	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	908.13 908.13	FROM STR: 203.2 TO STR: 203.4	-- 70.16'	-- 1.00%	
203.4	AL-15EB-EAST	483+02.43	135.71	RT	INLETS 2X3-H	910.99	907.43	3.56	0.00	203.3-203.4 IN 203.4-203-5 OUT	E W	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	907.43 907.43	FROM STR: 203.3 TO STR: 203.5	-- 16.30'	-- 2.00%	
203.5	AL-MNW	497+05.16	-38.00	LT	APRON ENDWALLS FOR CPRC 18-INCH					203.4-203-5 IN	E	SSPRC CLASS IV 18-INCH	907.10	FROM STR: 203.4	--	--	
204	AL-JJW	501+08.00	1.50	RT	INLETS 2X3-H	913.55	909.05	4.50	0.00	204-204.1 OUT	NW	SSPRC CLASS IV 15-INCH	909.05	TO STR: 204.1	19.00'	1.00%	
204.1	AL-JJW	501+08.00	-17.50	LT	INLETS 2X3-H	913.73	908.86	4.88	0.00	204-204.1 IN 204.1-204.2 OUT	SE NW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	908.86 908.86	FROM STR: 204 TO STR: 204.2	-- 57.50'	-- 1.00%	
204.2	AL-JJW	501+08.00	-75.00	LT	APRON ENDWALLS FOR CPRC 15-INCH					204.1-204.2 IN	SE	SSPRC CLASS IV 15-INCH	908.28	FROM STR: 204.1	--	--	
205	AL-JJE	301+31.72	-1.50	LT	INLETS 2X3-H	913.44	908.94	4.50	0.00	205-205.1 OUT	E	SSPRC CLASS IV 15-INCH	908.94	TO STR: 205.1	22.50'	2.99%	
205.1	AL-JJE	301+31.72	21.00	RT	INLETS 2X3-H	912.77	908.27	4.50	0.00	205-205.1 IN 205.1-205.2 OUT	W E	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	908.27 908.27	FROM STR: 205 TO STR: 205.2	-- 33.00'	-- 2.00%	
205.2	AL-JJE	301+31.72	54.00	RT	APRON ENDWALLS FOR CPRC 15-INCH					205.1-205.2 IN	W	SSPRC CLASS IV 15-INCH	907.61	FROM STR: 205.1	--	--	
206	AL-15WB-EAST	485+67.89	1.50	RT	INLETS 2X3-H-S	914.22	909.72	4.50	0.00	206-206.1 OUT	N	SSPRC CLASS IV 15-INCH	909.72	TO STR: 206.1	28.62'	1.00%	
206.1	AL-15WB-EAST	485+67.89	-27.12	LT	INLETS 2X3-H-S	913.83	909.44	4.40	0.00	206-206.1 IN 206.1-206.2 OUT	S NE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	909.44 909.44	FROM STR: 206 TO STR: 206.2	-- 48.27'	-- 2.00%	
206.2	AL-15WB-EAST	485+74.01	-75.00	LT	APRON ENDWALLS FOR CPRC 15-INCH					206.1-206.2 IN	SW	SSPRC CLASS IV 15-INCH	908.47	FROM STR: 206.1	--	--	
207	AL-15WB-EAST	486+50.27	26.00	RT	INLETS MEDIAN 2G-MS	912.24	909.50	2.74	0.00	207-207.1 OUT	N	SSPRC CLASS IV 18-INCH	909.50	TO STR: 207.1	24.50'	0.50%	
207.1	AL-15WB-EAST	486+50.27	1.50	RT	INLETS 2X3-H-S	913.88	909.38	4.50	0.00	207-207.1 IN 207.1-207.2 OUT	S N	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	909.38 909.38	FROM STR: 207 TO STR: 207.2	-- 31.14'	-- 1.00%	
207.2	AL-15WB-EAST	486+50.27	-29.64	LT	INLETS 2X3-H-S	914.07	909.07	5.00	0.00	207.1-207.2 IN 207.2-207.3 OUT	S N	SSPRC CLASS IV 18-INCH SSPRC CLASS IV 18-INCH	909.07 909.07	FROM STR: 207.1 TO STR: 207.3	-- 36.36'	-- 1.00%	
207.3	AL-15WB-EAST	486+50.27	-66.00	LT	APRON ENDWALLS FOR CPRC 18-INCH					207.2-207.3 IN	S	SSPRC CLASS IV 18-INCH	908.70	FROM STR: 207.2	--	--	
210	AL-MUT-JJ	962+68.98	-9.38	LT	INLETS MEDIAN 2G-MS	840.01	836.68	3.33	0.00	210-210.1 OUT	W	SSP CLASS III-A 36-INCH	836.68	TO STR: 210.1	80.00'	0.50%	
210.1	AL-MUT-JJ	961+96.15	25.64	RT	APRON ENDWALLS FOR CULVERT PIPE 36-INCH					210-210.1 IN	E	SSP CLASS III-A 36-INCH	836.28	FROM STR: 210	--	--	
220	AL-15WB-EAST	622+30.00	-150.00	LT	INLETS 3-C	869.22	865.51	3.71	0.00	220-220.1 OUT	SW	SSP CLASS III-A 15-INCH	865.51	TO STR: 220.1	51.00'	1.00%	
220.1	AL-15WB-EAST	622+20.97	-99.81	LT	APRON ENDWALLS FOR CULVERT PIPE 15-INCH					220-220.1 IN	NE	SSP CLASS III-A 15-INCH	865.00	FROM STR: 220	--	--	
400	AL-JULIUS	39+55.00	-60.00	LT	APRON ENDWALLS FOR CPRC 30-INCH					400-400.1 OUT	E	SSPRC CLASS IV 30-INCH	875.55	TO STR: 400.1	30.00'	0.67%	
400.1	AL-JULIUS	39+55.00	-30.00	LT	INLETS MEDIAN 2G-MS	879.23	875.35	3.88	0.00	400-400.1 IN 400.1-400.2 OUT	W E	SSPRC CLASS IV 30-INCH SSPRC CLASS IV 30-INCH	875.35 875.35	FROM STR: 400 TO STR: 400.2	-- 64.00'	-- 0.62%	
400.2	AL-JULIUS	39+55.00	34.00	RT	APRON ENDWALLS FOR CPRC 30-INCH					400.1-400.2 IN	W	SSPRC CLASS IV 30-INCH	874.95	FROM STR: 400.1	--	--	
401	AL-JULIUS	30+50.00	-56.50	LT	INLETS 3-C	869.20	865.94	3.26	0.00	401-401.1 OUT	E	SSPRC CLASS IV 12-INCH	865.94	TO STR: 401.1	24.50'	1.00%	
401.1	AL-JULIUS	30+50.00	-32.00	LT	APRON ENDWALLS FOR CPRC 12-INCH					401-401.1 IN	W	SSPRC CLASS IV 12-INCH	865.70	FROM STR: 401	--	--	

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
300	AL-15EB-EAST	631+65.00	1.50	RT	MANHOLES 6-J	863.28	857.35	5.93	0.00	300.4-300 IN 300.3-300 IN 300-301 OUT	SW NE SE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH	858.10 858.21 857.35	FROM STR: 300.4 FROM STR: 300.3 TO STR: 301	-- -- 284.92'	-- -- 1.36%	
300.1	AL-15EB-EAST	631+65.49	-68.26	LT	INLETS 2X3-HM	863.51	858.91	4.61	0.00	300.1-300.2 OUT	SW	SSPRC CLASS IV 15-INCH	858.91	TO STR: 300.2	39.00'	1.00%	
300.2	AL-15EB-EAST	631+64.07	-29.28	LT	INLETS 2X3-HM	863.02	858.52	4.50	0.00	300.1-300.2 IN 300.2-300.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	858.52 858.52	FROM STR: 300.1 TO STR: 300.3	-- 23.80'	-- 1.00%	
300.3	AL-15EB-EAST	631+65.00	-5.50	LT	INLETS 2X3-HM	863.22	858.28	4.94	0.00	300.2-300.3 IN 300.3-300 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	858.28 858.28	FROM STR: 300.2 TO STR: 300	-- 7.00'	-- 1.00%	
300.4	AL-15EB-EAST	631+65.00	33.50	RT	INLETS 2X3-HM	862.25	858.42	3.83	0.00	300.4-300 OUT	NE	SSPRC CLASS IV 15-INCH	858.42	TO STR: 300	32.00'	1.00%	
301	AL-15EB-EAST	634+50.00	1.50	RT	MANHOLES 6-J	859.48	853.47	6.01	0.00	301.4-301 IN 301.3-301 IN 300-301 IN 301-302 OUT	SW NE NW SE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH SSPRC CLASS IV 24-INCH	854.22 854.22 853.47 853.47	FROM STR: 301.4 FROM STR: 301.3 FROM STR: 300 TO STR: 302	-- -- -- 310.00'	-- -- -- 1.36%	
301.1	AL-15WB-EAST	634+50.00	-33.50	LT	INLETS 2X3-HM	859.05	854.55	4.50	0.00	301.1-301.2 OUT	SW	SSPRC CLASS IV 15-INCH	854.55	TO STR: 301.2	39.00'	0.50%	
301.2	AL-15WB-EAST	634+50.00	5.50	RT	INLETS 2X3-HM	859.13	854.36	4.77	0.00	301.1-301.2 IN 301.2-301.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	854.36 854.36	FROM STR: 301.1 TO STR: 301.3	-- 21.00'	-- 0.50%	
301.3	AL-15EB-EAST	634+50.00	-5.50	LT	INLETS 2X3-HM	859.16	854.25	4.91	0.00	301.2-301.3 IN 301.3-301 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	854.25 854.25	FROM STR: 301.2 TO STR: 301	-- 7.00'	-- 0.50%	
301.4	AL-15EB-EAST	634+50.00	33.50	RT	INLETS 2X3-HM	859.08	854.58	4.50	0.00	301.4-301 OUT	NE	SSPRC CLASS IV 15-INCH	854.58	TO STR: 301	32.00'	1.15%	
302	AL-15EB-EAST	637+60.00	1.50	RT	MANHOLES 6-J	855.27	849.25	6.02	0.00	302.5-302 IN 302.4-302 IN 301-302 IN 302-303 OUT	SW NE NW SE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH SSPRC CLASS IV 24-INCH	850.00 850.19 849.25 849.25	FROM STR: 302.5 FROM STR: 302.4 FROM STR: 301 TO STR: 303	-- -- -- 320.14'	-- -- -- 1.36%	
302.1	AL-15WB-EAST	637+25.11	-56.42	LT	INLETS MEDIAN 2G-MS	853.50	851.31	2.19	0.00	302.1-302.2 OUT	SW	SSPRC CLASS IV 15-INCH	851.31	TO STR: 302.2	24.18'	0.56%	
302.2	AL-15WB-EAST	637+17.40	-33.50	LT	INLETS 2X3-HM	855.43	851.18	4.26	0.00	302.1-302.2 IN 302.6-302.2 IN 302.2-302.3 OUT	NE N SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 12-INCH SSPRC CLASS IV 15-INCH	851.18 851.43 851.18	FROM STR: 302.1 FROM STR: 302.6 TO STR: 302.3	-- -- 39.00'	-- -- 1.00%	
302.3	AL-15WB-EAST	637+17.40	5.50	RT	INLETS 2X3-HM	855.51	850.79	4.73	0.00	302.2-302.3 IN 302.3-302.4 OUT	NE SE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	850.79 850.79	FROM STR: 302.2 TO STR: 302.4	-- 44.54'	-- 1.00%	
302.4	AL-15EB-EAST	637+60.00	-13.50	LT	INLETS 2X3-HM	854.78	850.34	4.44	0.00	302.3-302.4 IN 302.4-302 OUT	NW SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	850.34 850.34	FROM STR: 302.3 TO STR: 302	-- 15.00'	-- 1.00%	
302.5	AL-15EB-EAST	637+60.00	33.50	RT	INLETS 2X3-HM	854.87	850.37	4.50	0.00	302.5-302 OUT	NE	SSPRC CLASS IV 15-INCH	850.37	TO STR: 302	32.00'	1.16%	
302.6	AL-15WB-EAST	637+04.21	-45.11	LT	CONCRETE COLLAR					302.6-302.2 OUT	S	SSPRC CLASS IV 12-INCH	853.11	TO STR: 302.2	17.58'	9.57%	
303	AL-15EB-EAST	640+80.14	1.50	RT	MANHOLES 6-J	850.92	844.90	6.02	0.00	302-303 IN 303.5-303 IN 303.3-303 IN 303-304 OUT	NW SW NE SE	SSPRC CLASS IV 24-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH	844.90 845.65 845.65 844.90	FROM STR: 302 FROM STR: 303.5 FROM STR: 303.3 TO STR: 304	-- -- -- 428.46'	-- -- -- 1.63%	
303.1	AL-15WB-EAST	640+80.14	-33.50	LT	INLETS 2X3-HM	850.52	846.02	4.50	0.00	303.1-303.2 OUT	SW	SSPRC CLASS IV 15-INCH	846.02	TO STR: 303.2	39.00'	0.56%	
303.2	AL-15WB-EAST	640+80.14	5.50	RT	INLETS 2X3-HM	850.60	845.81	4.80	0.00	303.1-303.2 IN 303.2-303.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	845.81 845.81	FROM STR: 303.1 TO STR: 303.3	-- 13.00'	-- 0.56%	
303.3	AL-15EB-EAST	640+80.14	-13.50	LT	INLETS 2X3-HM	850.44	845.73	4.71	0.00	303.2-303.3 IN 303.3-303 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	845.73 845.73	FROM STR: 303.2 TO STR: 303	-- 15.00'	-- 0.56%	
303.4	AL-15EB-EAST	640+94.61	52.08	RT	APRON ENDWALLS FOR CPRC 15-INCH					303.4-303.5 OUT	N	SSPRC CLASS IV 15-INCH	848.00	TO STR: 303.5	23.55'	2.00%	
303.5	AL-15EB-EAST	640+80.14	33.50	RT	INLETS 2X3-HM	850.52	846.02	4.50	0.00	303.4-303.5 IN 303.5-303 OUT	S NE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	847.53 846.02	FROM STR: 303.4 TO STR: 303	-- 32.00'	-- 1.16%	
304	AL-15EB-EAST	645+08.60	1.50	RT	MANHOLES 6-J	843.95	837.90	6.05	0.00	303-304 IN 304.3-304 IN 304.4-304 IN 304-305 OUT	NW NE SW SE	SSPRC CLASS IV 24-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH	837.90 838.65 838.65 837.90	FROM STR: 303 FROM STR: 304.3 FROM STR: 304.4 TO STR: 305	-- -- -- 450.04'	-- -- -- 2.40%	
304.1	AL-15WB-EAST	645+08.60	-33.50	LT	INLETS 2X3-HM	843.59	839.09	4.50	0.00	304.1-304.2 OUT	SW	SSPRC CLASS IV 15-INCH	839.09	TO STR: 304.2	47.00'	0.66%	

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
304.2	AL-15WB-EAST	645+08.60	13.50	RT	INLETS 2X3-HM	843.51	838.78	4.73	0.00	304.1-304.2 IN 304.2-304.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	838.78 838.78	FROM STR: 304.1 TO STR: 304.3	-- 13.00'	-- 0.66%	
304.3	AL-15EB-EAST	645+08.60	-5.50	LT	INLETS 2X3-HM	843.64	838.70	4.94	0.00	304.2-304.3 IN 304.3-304 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	838.70 838.70	FROM STR: 304.2 TO STR: 304	-- 7.00'	-- 0.66%	
304.4	AL-15EB-EAST	645+08.60	33.50	RT	INLETS 2X3-HM	843.56	839.06	4.50	0.00	304.4-304 OUT	NE	SSPRC CLASS IV 15-INCH	839.06	TO STR: 304	32.00'	1.28%	
305	AL-15EB-EAST	649+58.64	1.50	RT	MANHOLES 6-J	833.19	827.10	6.09	0.00	304-305 IN 305.4-305 IN 305.3-305 IN 305-306 OUT	NW SW NE SE	SSPRC CLASS IV 24-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 24-INCH	827.10 827.85 827.85 827.10	FROM STR: 304 FROM STR: 305.4 FROM STR: 305.3 TO STR: 306	-- -- -- 326.36'	-- -- -- 2.16%	
305.1	AL-15WB-EAST	649+58.60	-33.50	LT	INLETS 2X3-HM	832.88	828.38	4.50	0.00	305.1-305.2 OUT	SW	SSPRC CLASS IV 15-INCH	828.38	TO STR: 305.2	39.00'	0.79%	
305.2	AL-15WB-EAST	649+58.60	5.50	RT	INLETS 2X3-HM	832.96	828.07	4.89	0.00	305.1-305.2 IN 305.2-305.3 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	828.07 828.07	FROM STR: 305.1 TO STR: 305.3	-- 12.88'	-- 0.79%	
305.3	AL-15EB-EAST	649+58.64	-13.46	LT	INLETS 2X3-HM	832.71	827.97	4.74	0.00	305.2-305.3 IN 305.3-305 OUT	NE SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	827.97 827.97	FROM STR: 305.2 TO STR: 305	-- 14.96'	-- 0.79%	
305.4	AL-15EB-EAST	649+54.87	37.50	RT	INLETS 2X3-HM	832.82	828.32	4.50	0.00	305.4-305 OUT	NE	SSPRC CLASS IV 15-INCH	828.32	TO STR: 305	36.20'	1.31%	
306	AL-15EB-EAST	652+85.00	1.50	RT	MANHOLES 6-J	826.13	820.06	6.06	0.00	305-306 IN 306.8-306 IN 306.6-306 IN 306-307 OUT	NW SW NE SE	SSPRC CLASS IV 24-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRCHE CLASS HE-IV 24X38-INCH	820.06 821.31 821.31 820.06	FROM STR: 305 FROM STR: 306.8 FROM STR: 306.6 TO STR: 307	-- -- -- 182.41'	-- -- -- 0.75%	
306.1	AL-15WB-EAST	652+65.00	-34.79	LT	INLETS 2X3-HM	825.90	821.98	3.93	0.00	306.1-306.2 OUT	SE	SSPRC CLASS IV 15-INCH	821.98	TO STR: 306.2	19.26'	1.00%	
306.2	AL-15WB-EAST	652+84.17	-36.71	LT	INLETS 2X3-H	825.57	821.78	3.78	0.00	306.1-306.2 IN 306.2-306.4 OUT	NW SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	821.78 821.78	FROM STR: 306.1 TO STR: 306.4	-- 39.28'	-- 0.75%	
306.3	AL-15WB-EAST	652+65.00	3.00	RT	INLETS 2X3-HM	826.05	821.69	4.36	0.00	306.3-306.4 OUT	SE	SSPRC CLASS IV 15-INCH	821.69	TO STR: 306.4	20.05'	1.00%	
306.4	AL-15WB-EAST	652+85.05	2.56	RT	INLETS 2X3-HM	825.74	821.49	4.25	0.00	306.2-306.4 IN 306.3-306.4 IN 306.4-306.6 OUT	NE NW SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	821.49 821.49 821.49	FROM STR: 306.2 FROM STR: 306.3 TO STR: 306.6	-- -- 8.71'	-- -- 0.75%	
306.5	AL-15EB-EAST	652+65.00	-13.50	LT	INLETS 2X3-HM	825.94	821.62	4.32	0.00	306.5-306.6 OUT	SE	SSPRC CLASS IV 15-INCH	821.62	TO STR: 306.6	20.00'	1.00%	
306.6	AL-15EB-EAST	652+85.00	-13.50	LT	INLETS 2X3-HM	825.65	821.42	4.23	0.00	306.4-306.6 IN 306.5-306.6 IN 306.6-306 OUT	NE NW SW	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	821.42 821.42 821.42	FROM STR: 306.4 FROM STR: 306.5 TO STR: 306	-- -- 15.00'	-- -- 0.75%	
306.7	AL-15EB-EAST	652+65.00	37.50	RT	INLETS 2X3-HM	825.94	821.95	3.98	0.00	306.7-306.8 OUT	SE	SSPRC CLASS IV 15-INCH	821.95	TO STR: 306.8	20.01'	1.00%	
306.8	AL-15EB-EAST	652+85.00	38.21	RT	INLETS 2X3-HM	825.65	821.75	3.89	0.00	306.7-306.8 IN 306.8-306 OUT	NW NE	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 15-INCH	821.75 821.75	FROM STR: 306.7 TO STR: 306	-- 36.71'	-- 1.20%	
307	AL-15EB-EAST	654+65.17	30.00	RT	MANHOLES 6-J	824.00	818.69	5.31	0.00	306-307 IN 307.1-307 IN 307-308 OUT	NW E S	SSPRCHE CLASS HE-IV 24X38-INCH SSPRC CLASS IV 12-INCH SSPRCHE CLASS HE-IV 24X38-INCH	818.69 821.02 818.69	FROM STR: 306 FROM STR: 307.1 TO STR: 308	-- -- 77.25'	-- -- 0.77%	
307.1	AL-15WB-EAST	654+68.85	46.94	RT	CONCRETE COLLAR					307.1-307 OUT	W	SSPRC CLASS IV 12-INCH	821.08	TO STR: 307	6.00'	1.00%	
307.2	AL-15EB-EAST	654+54.91	43.35	RT	SEALING PIPES												
308	AL-15EB-EAST	655+30.00	72.00	RT	APRON ENDWALLS FOR CPRCHE 24X38-INCH					307-308 IN	N	SSPRCHE CLASS HE-IV 24X38-INCH	818.10	FROM STR: 307	--	--	
309	AL-15WB-EAST	654+94.18	13.47	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
310	AL-15WB-EAST	656+70.50	13.43	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
310.1	AL-15EB-EAST	656+70.55	-1.03	LT	SALVAGE INLET COVER COVER PLATES TEMPORARY												SEE NOTE 5
311	AL-15EB-EAST	657+69.35	-10.11	LT	SALVAGE MANHOLE COVER COVER PLATES TEMPORARY												SEE NOTE 5

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
312	AL-15EB-EAST	658+80.81	-11.32	LT	SALVAGE MANHOLE COVER COVER PLATES TEMPORARY												SEE NOTE 5
312.1	AL-15WB-EAST	658+80.78	1.39	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
312.2	AL-15EB-EAST	658+80.19	-1.07	LT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
313	AL-15EB-EAST	661+70.99	-11.53	LT	SALVAGE INLET COVER COVER PLATES TEMPORARY												SEE NOTE 5
313.1	AL-15WB-EAST	661+70.88	1.24	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
313.2	AL-15EB-EAST	661+70.66	-1.13	LT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
314	AL-15EB-EAST	664+21.12	-10.52	LT	SALVAGE INLET COVER COVER PLATES TEMPORARY												SEE NOTE 5
314.1	AL-15WB-EAST	664+20.65	1.12	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
314.2	AL-15EB-EAST	664+20.65	-1.18	LT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
315	AL-15EB-EAST	664+71.85	-10.32	LT	SALVAGE INLET COVER COVER PLATES TEMPORARY												SEE NOTE 5
315.1	AL-15WB-EAST	664+71.38	1.09	RT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
315.2	AL-15EB-EAST	664+69.48	-1.19	LT	SALVAGE INLET COVER INLET COVERS TYPE HC												SEE NOTE 5
316	AL-LOTV	13+83.37	25.50	RT	RECONSTRUCT MANHOLE INLET COVER TYPE H	824.19											
500	AL-15EB-EAST	657+23.67	93.45	RT	APRON ENDWALLS FOR CPRC 12-INCH					500-500.1 OUT	S	SSPRC CLASS IV 12-INCH	816.00	TO STR: 500.1	15.53'	0.83%	
500.1	AL-15WB-EAST	657+36.59	123.81	RT	INLETS MEDIAN 1G-MS	820.20	815.87	4.33	0.00	500-500.1 IN 500.1-500.2 OUT	N S	SSPRC CLASS IV 12-INCH SSPRC CLASS IV 18-INCH	815.87 815.87	FROM STR: 500 TO STR: 500.2	-- 68.85'	-- 0.83%	
500.2	AL-15EB-EAST	657+93.73	140.48	RT	APRON ENDWALLS FOR CPRC 18-INCH					500.1-500.2 IN	N	SSPRC CLASS IV 18-INCH	815.30	FROM STR: 500.1	--	--	
600	AL-LOTV	16+07.61	-48.00	LT	INLETS MEDIAN 1G-MS	820.00	817.13	2.87	0.00	600-600.1 OUT	SE	SSPRC CLASS IV 15-INCH	817.13	TO STR: 600.1	22.96'	1.00%	
600.1	AL-LOTV	16+12.16	-25.50	LT	INLETS 2X3-H	822.71	816.91	5.81	0.00	600-600.1 IN 600.1-600.2 OUT	NW E	SSPRC CLASS IV 15-INCH SSPRC CLASS IV 12-INCH	816.91 816.91	FROM STR: 600 TO STR: 600.2	-- 15.54'	-- 1.00%	
600.2	AL-LOTV	16+16.64	-10.62	LT	CONCRETE COLLAR					600.1-600.2 IN	W	SSPRC CLASS IV 12-INCH	816.75	FROM STR: 600.1	--	--	

NOTES:
1) TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2) MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3) CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4) STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.
5) DURING STAGE 1A SALVAGE EXISTING INLET OR MANHOLE COVER AND REPLACE WITH INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY. DURING STAGE 2C REMOVE INLET COVER TYPE HC TEMPORARY OR COVER PLATE TEMPORARY AND INSTALL SALVAGED EXISTING INLET OR MANHOLE COVER.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2

2

R/W

R/W

466'WB'

468'WB'

470'WB'

472'WB'

474'WB'

476'WB'

478'WB'

466'EB'

468'EB'

470'EB'

472'EB'

474'EB'

476'EB'

478'EB'

STH 15

MATCHLINE STA 479'EB'+00

LOCAL RD

28'LCL

26'LCL

TLE

16.5' UTILITY EASEMENT J6354/124

J6462/138

J6462/121

J17042/110

R/W

CTH JJ

LOT 1
CSM 5219
V29/P5219
DOC. 1687193

LOT 3
CSM 5219
V29/P5219
DOC. 1687193

500'NW'

300'JJE'

482'WB'

480'WB'

480'EB'

482'EB'

488'WB'

486'WB'

486'EB'

488'EB'

490'WB'

490'EB'

492'WB'

492'EB'

494'WB'

494'EB'

404'S2A'

406'S2A'

504'S2B'

506'S2B'

14'URL

12'URL

RWGP

MATCHLINE STA 479'EB'+00

MATCHLINE STA 495'EB'+00

N. MANLEY RD

MANLEY RD

OLD STH 15 EAST

498'MNW'

499'MJE'

994'MUT'

996'MUT'

998'MUT'

1000'MUT'

1002'MUT'

1038'MUT'

400'S2A'

502'S2B'

500'S2B'

398'S2A'

MULTI-USE TRAIL

LOT 2
CSM 3444
V18/P3444
DOC. 1938485

LOT 1
CSM 6409
V38/P6409
DOC. 1938080

RIPRAP

BILLBOARD

SIGN

EXISTING R/W

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 67	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-01

PLOT DATE : 9/24/2019 10:59 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 495'EB+00

MATCHLINE STA 510'EB+00

2

MATCHLINE STA 510'EB+00

MATCHLINE STA 525'EB+00

R/W

STH 15

MULTI-USE TRAIL

WISCONSIN CENTRAL LTD

16.5' UTILITY EASEMENT V2144P237

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 68	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-02

PLOT DATE : 9/24/2019 11:01 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 525'EB'+00

MATCHLINE STA 540'EB'+00

MATCHLINE STA 540'EB'+00

MATCHLINE STA 555'EB'+00

R/W

16.5' UTILITY EASEMENT J6354/135

RWGP

MOREHOUSE PLAT OF SURVEY

526'WB' 528'WB' 530'WB' 532'WB' 534'WB' 536'WB' 538'WB' 540'

526'EB' 528'EB' 530'EB' 532'EB' 534'EB' 536'EB' 538'EB' 540

STH 15

OH

GUY

WELL EASEMENT J1242/145

1036'MUT' 1038'MUT' 1040'MUT' 1042'MUT' 1044'MUT' 1046'MUT' 1048'MUT'

MOREHOUSE PLAT OF SURVEY

MULTI-USE TRAIL

R/W

C-44-0125

HAST PLAT OF SURVEY

SIGN EASEMENT DOC. 1905075

16.5' UTILITY EASEMENT J6354/132

NORTH RD

16"MRT

542'WB' 544'WB' 546'WB' 548'WB' 550'WB' 552'WB' 554'WB'

542'EB' 544'EB' 546'EB' 548'EB' 550'EB' 552'EB' 554'EB'

1050'MUT' 1052'MUT' 1054'MUT' 1056'MUT' 1058'MUT' 1060'MUT' 1062'MUT' 1064'MUT'

JENNERJOHN PLAT OF SURVEY

RIESTERER & SCHNELL PLAT OF SURVEY

GRAVEL

ASPHALT

CONCRETE

RIPRAP

TILE

APPROVED FOR DESIGN ACTIVITY ADJUSTMENTS OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 69	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-03

PLOT DATE : 9/24/2019 11:03 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 555'EB'+00

MATCHLINE STA 570'EB'+00

2

TLE R/W TLE TLE TLE R/W R/W

EASEMENT V156/P430

16.5' UTILITY EASEMENT J635411 J635410 J635414

PLAT OF SURVEY WENDT

556'WB' 558'WB' 560'WB' 562'WB' 564'WB' 566'WB' 568'WB' 570'

STH 15

556'EB' 558'EB' 560'EB' 562'EB' 564'EB' 566'EB' 568'EB' 570'

1066'MUT' 1068'MUT' 1070'MUT' 1072'MUT' 1074'MUT' 1076'MUT' 1078'MUT'

MULTI-USE TRAIL

LOT 2 CSM 3738 V20/P3738 DOC. 1365581

LOT 2 CSM 5337 V30/P5337 DOC. 1706710

LOT 1 CSM 5337 V30/P5337 DOC. 1706710

LOT 3 CSM 5337 V30/P5337 DOC. 1706710

LOT 4 CSM 3738 V20/P3738 DOC. 1365581

LOT 2 CSM 4053 V22/P4053 DOC. 1407819

R/W R/W R/W R/W

3/4"BAR 3/4"BAR 3/4"BAR

(LOT 1) (CSM 597)

LOT 2 CSM 4186 V23/P4186 DOC. 1433994

LOT 1 CSM 4186 V23/P4186 DOC. 1433994

LOT 1 CSM 5329 V30/P5329 DOC. 1705240

16.5' UTILITY EASEMENT J635411 J635429

SIGN EASEMENT DOC. 1725159

EGRESS EASEMENT DOC. 1380

ZITZKE PLAT OF SURVEY

TLE TLE TLE TLE R/W

572'WB' 574'WB' 576'WB' 578'WB' 580'WB' 582'WB' 584'WB'

STH 15

572'EB' 574'EB' 576'EB' 578'EB' 580'EB' 582'EB' 584'EB'

1080'MUT' 1082'MUT' 1084'MUT' 1086'MUT' 1088'MUT' 1090'MUT' 1092'MUT' 1094'MUT'

MULTI-USE TRAIL

HILLVIEW RD

R/W TLE TLE TLE

LOT 1 CSM 4053 V22/P4053 DOC. 1407819

MATCHLINE STA 570'EB'+00

MATCHLINE STA 585'EB'+00

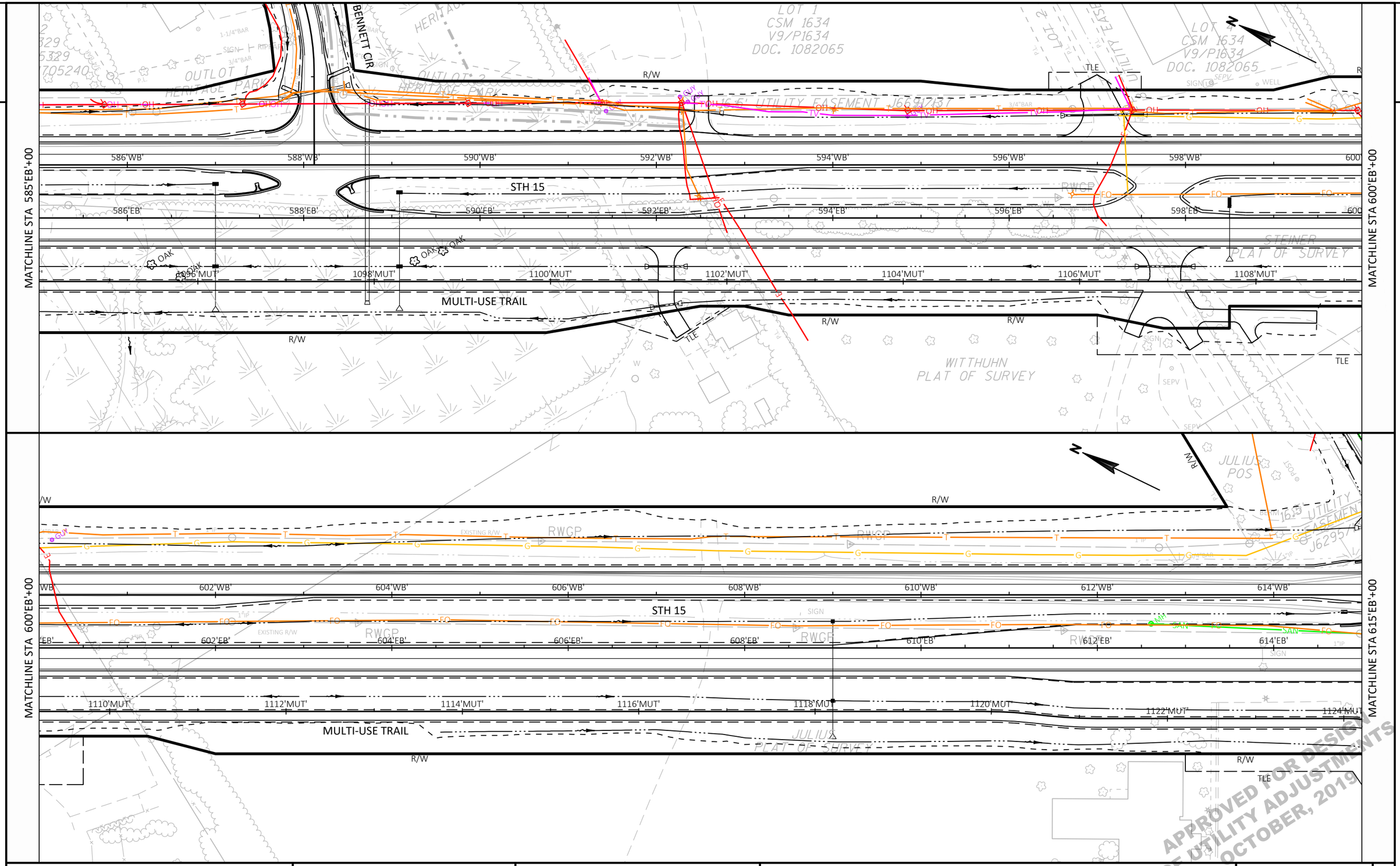
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 70	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-04

PLOT DATE : 9/24/2019 11:04 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 71	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-05

PLOT DATE : 9/24/2019 11:06 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 615'EB'+00

JULIUS DR

616'WB

618'WB'

620'WB'

622'WB'

624'WB'

626'WB'

628'WB'

630'

616'EB

618'EB'

620'EB'

622'EB'

624'EB'

626'EB'

628'EB'

STH 15

SEE FAITH POND TLE REGRADING DETAIL

R/W

TLE

16.5' UTILITY EASEMENT J6295/130

16.5' UTILITY EASEMENT J7000/19

LOT 1 CSM 5797 V33/P5797 DOC. 1795400

DOC. 1262776

PLAT OF SURVEY DOUGHTY

EXISTING R/W

RWGP

MATCHLINE STA 630'EB'+00

MATCHLINE STA 645'EB'+00

630'WB'

632'WB'

634'WB'

636'WB'

638'WB'

640'WB'

642'WB'

644'WB'

630'EB'

632'EB'

634'EB'

636'EB'

638'EB'

640'EB'

642'EB'

644'EB'

LOT 2 CSM 5720 V33/P5720 DOC. 1775497

LOT 1 CSM 5720 V33/P5720 DOC. 1775497

10' UTILITY EASEMENT DOC. 1761638

16.5' UTILITY EASEMENT J6295/136

LOT 1 CSM 4769 V27/P4769 DOC. 1602455

NENNIG POS

INGRESS/EGRESS EASEMENT DOC. 1688985

LOT 1 CSM 5217 V29/P5217 DOC. 1685964

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 72	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-06

PLOT DATE : 9/24/2019 11:08 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 645'EB'+00

MATCHLINE STA 660'EB'+00

MATCHLINE STA 660'EB'+00

646'WB' 648'WB' 650'WB' 652'WB' 654'WB' 656'WB' 658'WB' 660'

646'EB' 648'EB' 650'EB' 652'EB' 654'EB' 656'EB' 658'EB' 660'

STH 15

662'WB' 664'WB' 666'WB' 668'WB'

662'EB' 664'EB' 666 EB 668'EB

TLE R/W

LOT 2 CSM 574 V3/P574 DOC. 974511

LOT 1 CSM 574 V3/P574 DOC. 974511

LOT 3 CSM 5608 V32/P5608 DOC. 1756593

LOT 40 BROOK FARMS

1ST ADDITION WILD FLOWER

CSM 15263 #17/P3263 DOC. 1286416

CSM 5427 V31/P5427 DOC. 1722064

LILY OF THE VALLEY DR

POND 'LILY'

14'LOV'

16'LOV'

EXISTING R/W

RIPRAP

RWGP

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

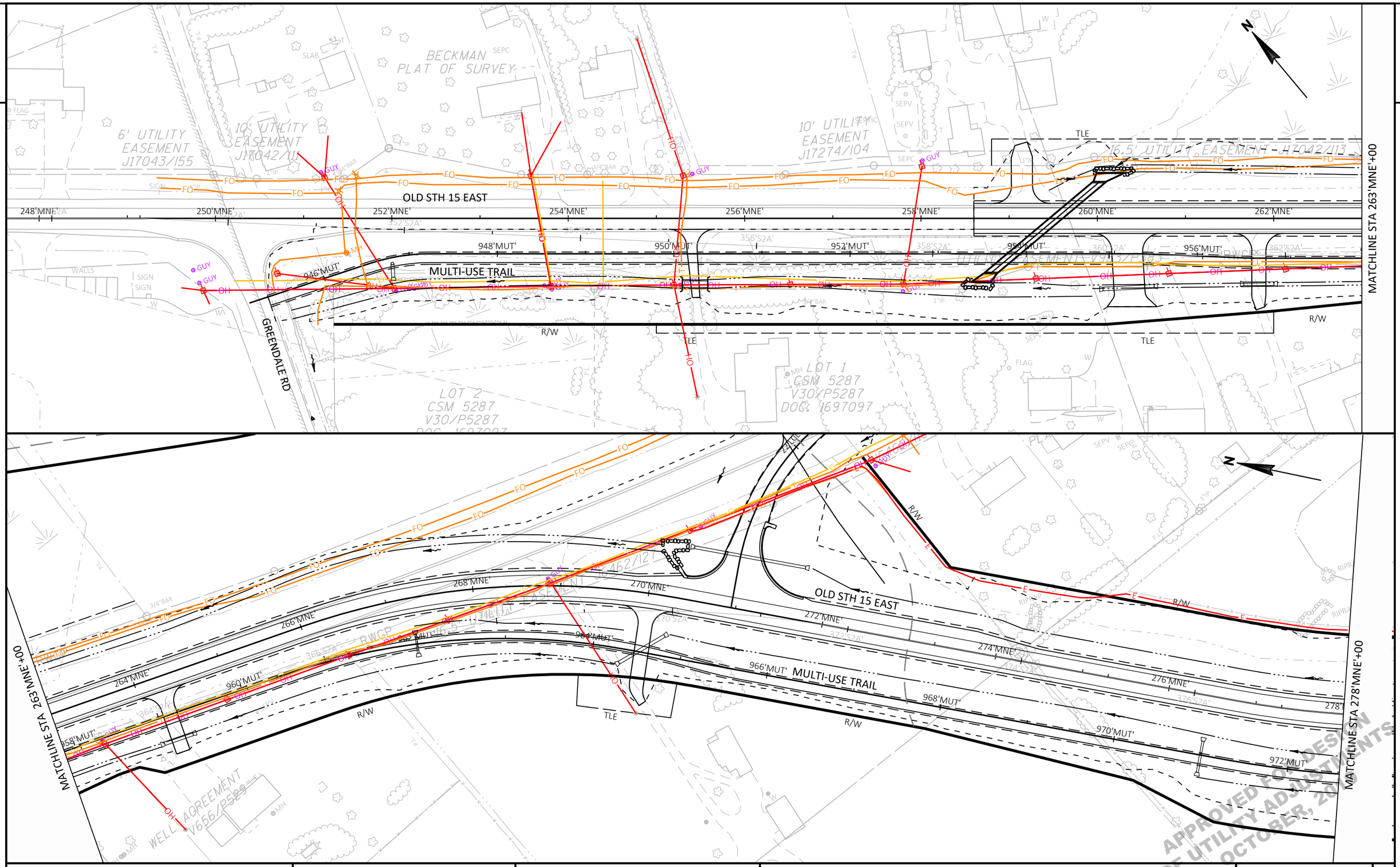
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - STH 15	SHEET 73	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023001-UT.DWG
LAYOUT NAME - UT-07

PLOT DATE : 9/24/2019 11:10 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - OLD STH 15 EAST	SHEET 74	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 01-UT_MNE-01

PLOT DATE : 10/10/2019 4:19 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCHLINE STA 278'MNE'+00

MATCHLINE STA 293'MNE'+00

OLD STH 15 EAST

MULTI-USE TRAIL

CTH JJ

STH 15

R/W

280'MNE'

282'MNE'

284'MNE'

286'MNE'

288'MNE'

290'MNE'

292'MNE'

974'MUT'

976'MUT'

978'MUT'

980'MUT'

982'MUT'

984'MUT'

986'MUT'

988'MUT'

990'MUT'

992'MUT'

994'MUT'

294'MNE'

296'MNE'

298'MNE'

494'MNW'

496'MNW'

498'MNW'

500'NW'

502'JJW'

504'JJW'

300'JJE'

302'JJE'

304'JJE'

306'JJE'

308'JJE'

486'EB'

486'WB'

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - OLD STH 15 EAST	SHEET 75	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 02-UT_MNE-02

PLOT DATE : 9/24/2019 11:38 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

N

TLE
R/W
ACCESS J8320/116
504'JJW'
304'JJE'
306'JJE'
308'JJE'
310'JJE'
312'JJE'
314'JJE'
CTH JJ
18'NMN'
16'NMN'
14'NMN'
MH
GUY
OH
FO
G
T
1"IP
3/4"BAR
SEPV
VAN SISTINE
PLAT OF SURVEY
UTILITY EASEMENT V202/P337
CONTROLLED
LOT 2
CSM 5219
V29/P5219
DOC. 1687193
(LOT 1)
(CSM 3444)
(V18/P3444)
DOC. 1318485
502'JJW'
302'JJE'
500'JJW'
66' ACCESS EASEMENT
N. MANLEY RD

N

268'MNE'
270'MNE'
272'MNE'
9'64'MUTT'
9'66'MWUTT'
MULTI-USE TRAIL
OLD STH 15 EAST
22'LCL'
24'LCL'
26'LCL'
28'LCL'
LOCAL RD
16.5' UTILITY EASEMENT J17042/115
EXISTING R/W
466'WB'
466'EB'
468'WB'
468'EB'
470'WB'
430'EB'
J6462/138
J6462/127
HOIER
PLAT OF SURVEY
16.5' UTILITY EASEMENT
RWCP
A/C

APPROVED FOR LETTING AS OF UTILITY ADJUSTMENT OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - CTH JJ AND LOCAL ROAD	SHEET 76	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 03-JJ_LOCAL

PLOT DATE : 9/24/2019 11:40 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

R/W

UTILITY EASEMENT V217, P256

MANLEY RD

N. MANLEY RD

STH 15

30'MAN'

32'MAN'

34'MAN'

36'MAN'

38'MAN'

10'NMN'

12'NMN'

14'NMN'

16'NMN'

18'NMN'

308'UE'

310'UE'

TLE

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - MANLEY ROAD AND NORTH MANLEY ROAD	SHEET 77	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 04-UT_MAN

PLOT DATE : 9/24/2019 11:42 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

N

NORTH RD

8'NRT

10'NRT

12'NRT

14'NRT

16'NRT

18'NRT

20'NRT

TLE

R/W

STH 15

1060'MULT

1052'MULT

1064'MULT

550'EB

552'WB

554'WB

MATCHLINE STA 21'NRT+00

LOT 2 CSM 1772 V9/P1772 DOC. 1100015

LOT 3 CSM 1772 V9/P1772 DOC. 1100015

LOT 4 CSM 1772 V9/P1772 DOC. 1100015

LOT 1 CSM 3738 V20/P3738 DOC. 1365581

LOT 3 CSM 5384 V31/P5384 DOC. 1715592

LOT 2 CSM 5384 V31/P5384 DOC. 1715592

LOT 1 CSM 5384 V31/P5384 DOC. 1715592

WELL AGREEMENT DOC. 1513

VAN HOVEN SURVEY

3/4"BAR

WELL

SEPT

SEPV

N

R/W

EXISTING R/W

22'NRT

24'NRT

NORTH RD

TLE

MATCHLINE STA 21'NRT+00

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - NORTH ROAD	SHEET 78	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 05-UT_NRT

PLOT DATE : 9/24/2019 11:44 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

Z

HILLVIEW RD

STH 15

MULTI-USE TRAIL

BENNETT CIR

16.5' UTILITY EASEMENT

TLE

1080'MUT'

1082'MUT'

1084'MUT'

1086'MUT'

1088'MUT'

1100'MUT'

572'EB'

574'EB'

576'EB'

578'EB'

580'EB'

582'EB'

584'EB'

586'EB'

588'EB'

590'EB'

592'EB'

574'WB'

576'WB'

578'WB'

580'WB'

588'WB'

590'WB'

22'HL

32'BEN'

34'BEN'

OH

GUY

RWGP

3/4"BAR

1"IP

1-1/4"BAR

LOT 2 CSM 4053 V22/P4053 DOC. 1407819

LOT 1 CSM 4053 V22/P4053 DOC. 1407819

LOT 3 CSM 3949 V21/P3949 DOC. 1390466

LOT 1 CSM 3949 V21/P3949 DOC. 1390466

LOT 1 CSM 5329 V30/P5329 DOC. 1705240

LOT 1 HERITAGE PARK

LOT 2 HERITAGE PARK

LOT 4 HERITAGE PARK

LOT 5 HERITAGE PARK

OUTLOT 1 HERITAGE PARK

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - HILLVIEW ROAD AND BENNETT CIRCLE	SHEET 79	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 06-UT_HIL

PLOT DATE : 9/24/2019 11:46 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCHLINE STA 35'JUL'+00

MULTI-USE TRAIL

JULIUS DR

R/W

TLE

LOT 1 CSM 2064 V11/P2064 DOC. 1140078

LOT 2 CSM 1860 V10/P1860 DOC. 1115830

LOT 1 CSM 1860 V10/P1860 DOC. 1115830

12" UTILITY EASEMENT J9877/43

J9853/31

POWER LINE EASEMENT ASSIGNMENT DOC. 1391151 V8X7/P577

JENNERJOHN PLAT OF SURVEY

122'MTJ' 124'MTJ' 126'MTJ' 128'MTJ' 130'MTJ' 132'MTJ' 134'MTJ'

22'JUL' 24'JUL' 26'JUL' 28'JUL' 30'JUL' 32'JUL' 34'JUL'

MATCHLINE STA 35'JUL'+00

136'MTJ' 138'MTJ' 140'MTJ'

36'JUL' 38'JUL' 40'JUL' 42'JUL' 44'JUL' 46'JUL' 48'JUL' 50'JUL'

STH 15

CLOVER LN

JULIUS DR

R/W

TLE

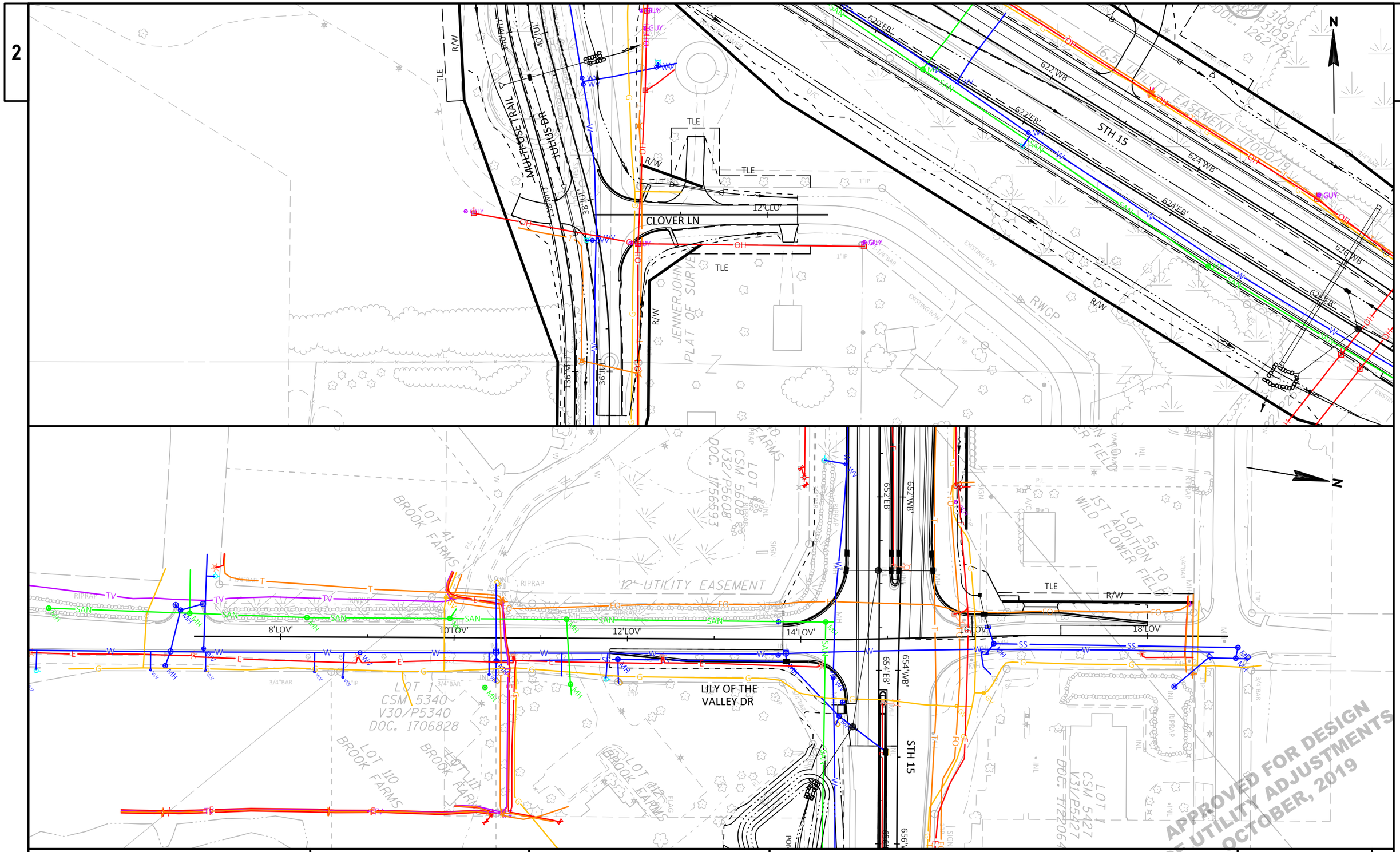
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - JULIUS DRIVE	SHEET 80	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 07-UT_JUL

PLOT DATE : 9/24/2019 11:47 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	UTILITY PLAN - CLOVER LANE AND LILY OF THE VALLEY ROAD	SHEET 81	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-023002-UT.DWG
LAYOUT NAME - 08-UT_LOV

PLOT DATE : 9/24/2019 11:49 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

SPEED LIMIT 45
W3-5
80

N

NO PASSING ZONE
W14-3
81

SIGN

STH 15

NO PASSING ZONE
W14-3
83

W1-2R
82

JCT
COUNTY JJ
J1-1
84

STH 15

SIGN

SEPV

SEPV

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 NEW 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.

CENTERLINE RUMBLE STRIPS
W8-70
86

NEXT 1 MILE
W57-51
87

15
J13-1
89

STOP
R1-1
90

W1-6
91

SLAB

COUNTY JJ
J13-1
92

JCT
COUNTY JJ
J1-1
97

Kaukauna
D1-1
85

FLAG

STH 15

STH 15

SIGN

SIGN

88
COUNTY JJ
J13-1

93
CENTERLINE RUMBLE STRIPS
W8-70
94
NEXT 1 MILE
W57-51

95
EAST 15
J4-1

96
Manley Rd
M1-94

SIGN-REMOVE EXISTING

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 82	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023209_ps.dgn PLOT DATE : 20-SEP-2019 08:23 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 NEW 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.

STOP R1-1 98

MANLEY RD

Manley Rd M1-94 100

SIGN

SIGN

STH 15

STH 15

W

W W W W

SEPC

WALLS

A/C

99A STOP R1-1

99 STOP R1-1

101 NO PASSING ZONE W14-3

102 R R W10-1

NO PASSING ZONE W14-3 103

SIGN

STH 15

R R W10-1 104

SIGN

SIGN-REMOVE EXISTING

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

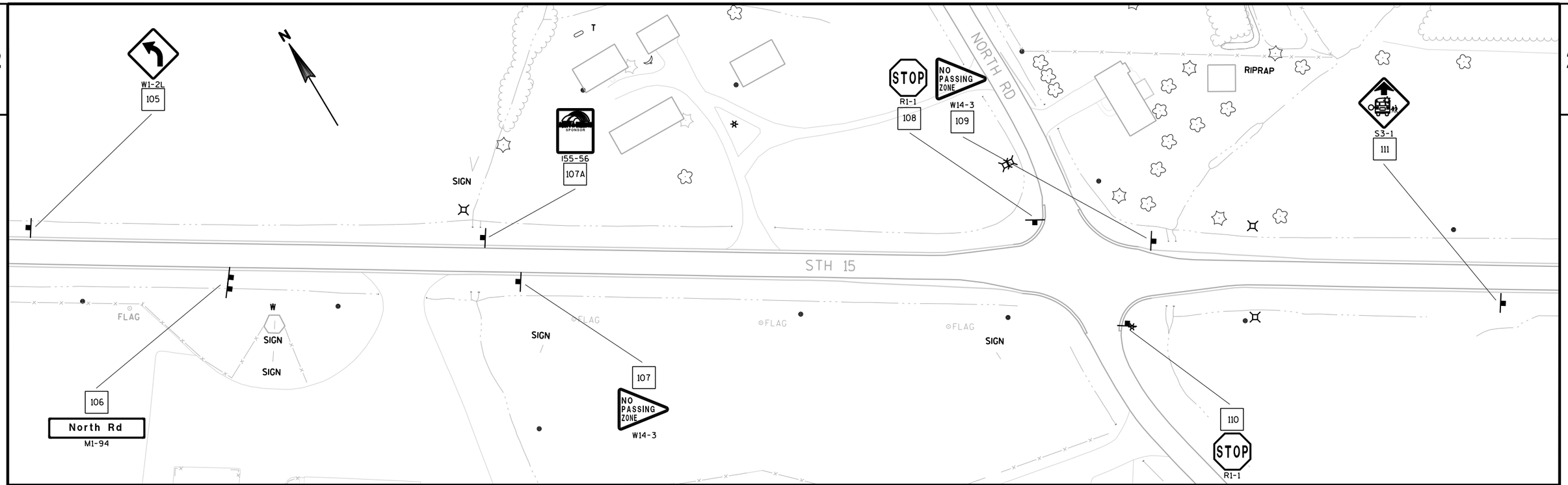
PLAN SHEET PRODUCED BY WisDOT-NE REGION

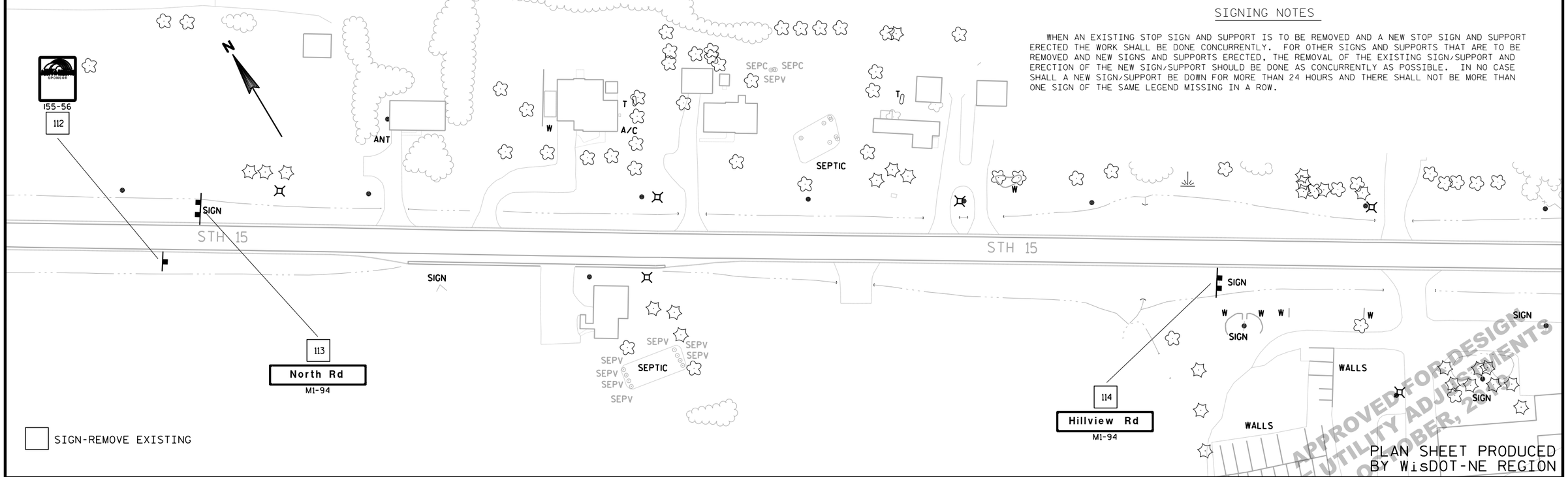
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 83	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023210_ps.dgn PLOT DATE : 20-SEP-2019 08:23 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 NEW 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.

☐ SIGN-REMOVE EXISTING

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 84	E

2

2

SEPTIC
SEPV
SEPC
A/C
W
T
FLAG
STH 15
BENNETT RD
HILL VIEW RD
SIGN
RIPRAP

SPEED LIMIT 35
R2-1
115A

W1-6
115B

115
STOP
R1-1

116
NO PASSING ZONE
W14-3

117
Hillview Rd
M1-94

118
STOP
R1-1

119
NO PASSING ZONE
W14-3

120
W11-6

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 NEW 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.

☐ SIGN-REMOVE EXISTING

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 85	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023212_ps.dgn PLOT DATE : 20-SEP-2019 08:23 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

2

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 NEW 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.

SIGN-REMOVE EXISTING

W3-5 121

Julius Dr M1-94 122

SIGN & POSTS TO BE REMOVED BY TOWN OF GREENVILLE CONTACT ONE WEEK IN ADVANCE AT 920-585-4316
TOWNSHIP PARKING REGULATIONS SP

R2-1 125

123 CENTERLINE RUMBLE STRIPS W8-70

124 NEXT 1 MILE W57-51

126 R2-1

127 NO PASSING ZONE W14-3

JULIUS DR

S1-1 131

R1-1 130

R1-1 132

R2-1 128

129 R1-1

RIPRAP

RIPRAP

RIPRAP

BERM

SIGN

STH 15

WATER TOWER

U/C

Julius Dr M1-94 133A

R2-1 133

W6-1 134

W14-3 135

136 R2-1

SIGN

SIGN

SIGN

SIGN

SIGN

MH

MH

MH

MH

INL

INL

RIPRAP

STH 15

W

W

W

W

W

W

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 86	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023213_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

BEACON AND POST SHALL BE REMOVED BY TOWN OF GREENVILLE. CONTACT ONE WEEK IN ADVANCE AT 920-585-4316.

INL

SIGN

W11-2 137
NEXT 1 MILE
W57-51 138

R4-7 139

DO NOT ENTER
R5-1 140

WRONG WAY
R5-1A 143

SPEED LIMIT 45
R2-1 144

W6-2 146

W11-2 152
W16-7L 153
R4-7 148
ONE WAY R6-2L 154
ONE WAY R6-2R 155
STOP R1-1 156
DIVIDED HIGHWAY R6-3 156A
R4-7 157

DO NOT ENTER R5-1 158
W11-2 159
W16-7L 160

LILY OF THE VALLEY DR

STH 15

MH

INL

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 NEW 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.

141
W6-3

142
ONE WAY R6-2L

T-200 SIGN AND POSTS SHALL BE REMOVED BY OUTAGAMIE COUNTY. CONTACT HWY DEPT 1 WEEK IN ADVANCE.

RIPRAP

145
WRONG WAY R5-1A

147
DO NOT ENTER R5-1

STOP R1-1 149
DIVIDED HIGHWAY R6-3 149A

151
150
ONE WAY R6-2L
ONE WAY R6-2R
W3-1 161

WRONG WAY R5-1A 162

W4-2R 163

PARK ENTRANCE D52-57 166

T-200 SIGN AND POSTS SHALL BE REMOVED BY OUTAGAMIE COUNTY. CONTACT HWY DEPT 1 WEEK IN ADVANCE.

Hortonville 6
New London 13
D2-2 167

SPEED LIMIT 45 R2-1 169

HYACINTH LN

164
SPEED LIMIT 45 R2-1

165
Greenville UNINCORPORATED I2-3

168
ONE WAY R6-2R

170
SPEED LIMIT 45 R2-1

171
WRONG WAY R5-1A

SIGN-REMOVE EXISTING

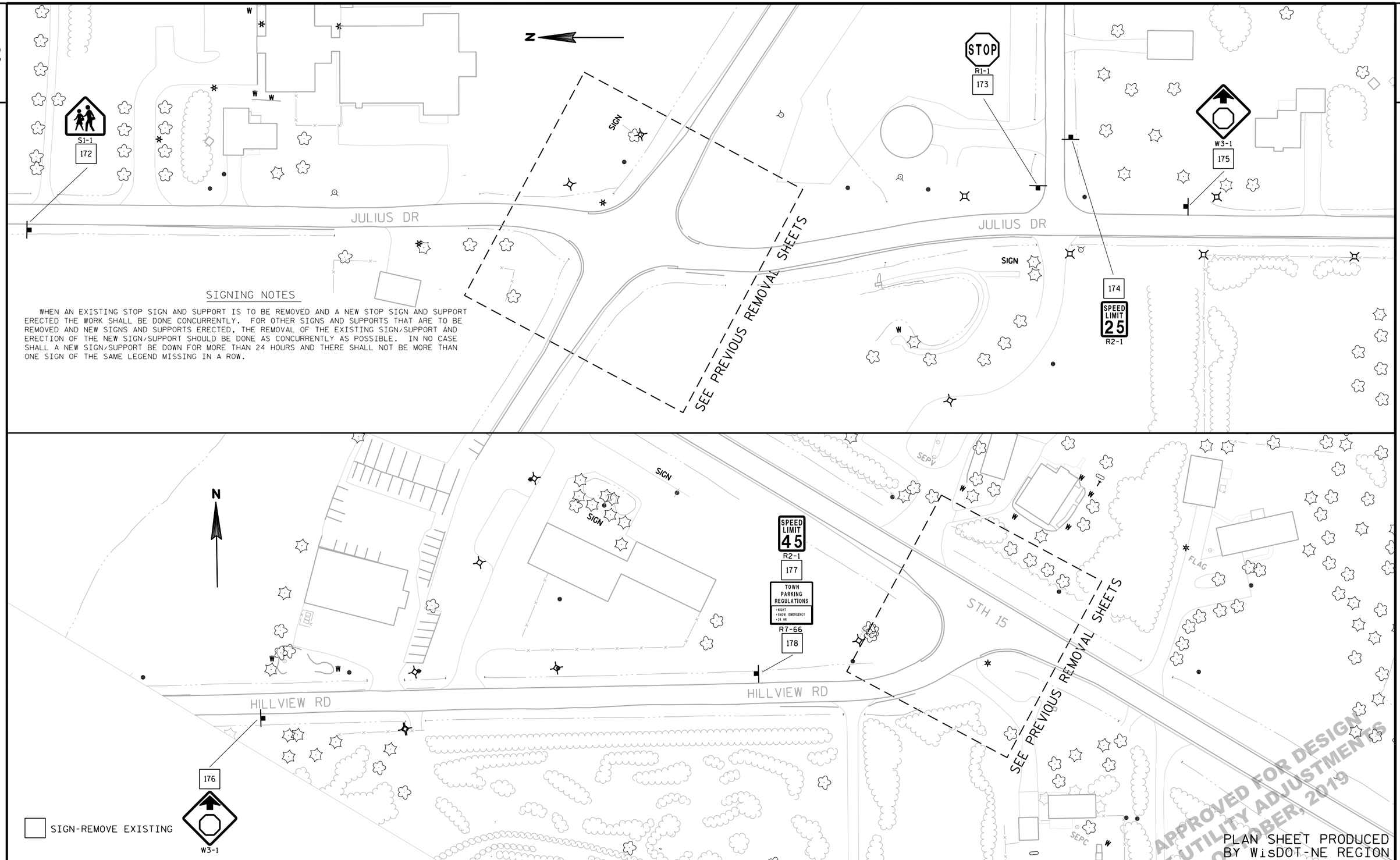
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 87	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023214_ps.dgn PLOT DATE : 20-SEP-2019 08:24 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 NEW 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.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 88	E

2

CTH JJ

MANLEY RD

STH 15

SEPC

TOWN OF GREENVILLE
•POPULATION 6844
12-3
179

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 NEW 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.

SEE PREVIOUS REMOVAL SHEETS

180
SPEED LIMIT 45
R2-1
181
TOWN PARKING REGULATIONS
•NIGHT
•SNOW EMERGENCY
•24 HR
R7-66

N

Greenville
Hortonville
D1-2
184

W3-1
185

182
EAST COUNTY JJ
J4-1

183
SPONSOR
I55-56

SEE PREVIOUS REMOVAL SHEETS

SIGN-REMOVE EXISTING

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	SIGN REMOVALS	SHEET 89	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023216_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

2

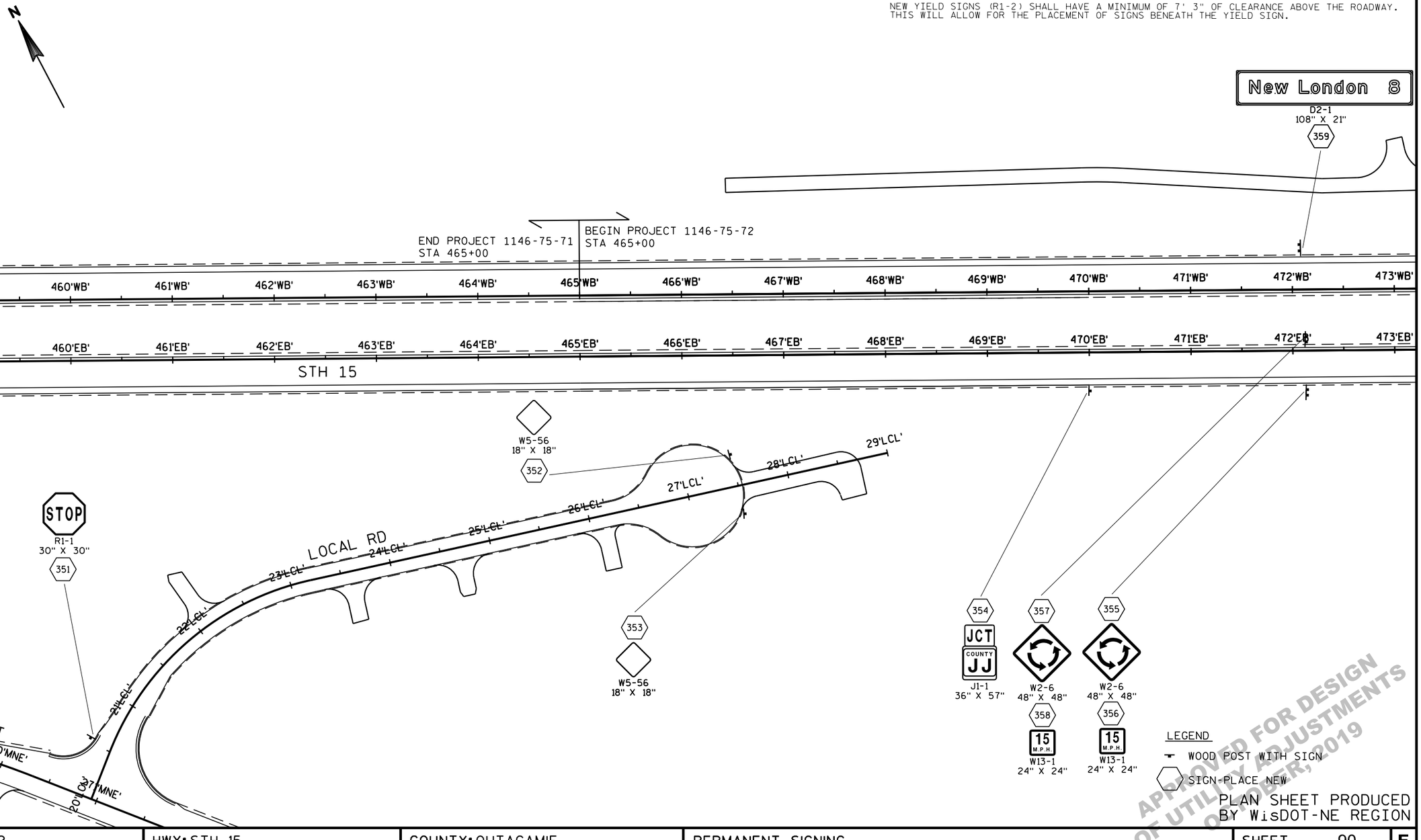
SIGNING NOTES

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.

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.



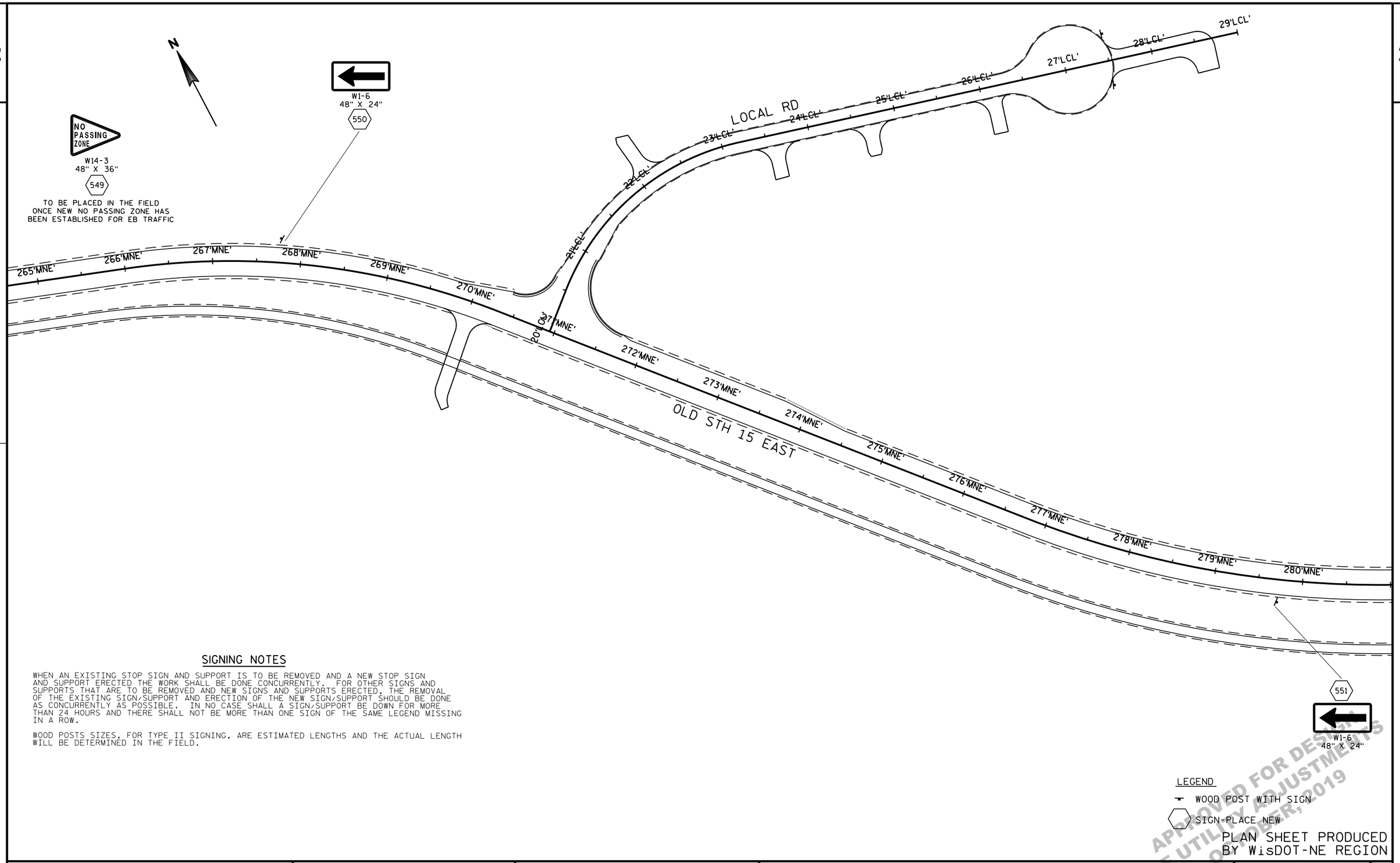
PLAN SHEET PRODUCED BY WisDOT-NE REGION

APPROVED FOR DESIGN ONLY. ADJUSTMENTS OF UTILITY, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 90	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023231_ps.dgn PLOT DATE : 20-SEP-2019 08:24 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.

LEGEND

- WOOD POST WITH SIGN
- SIGN-PLACE NEW

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 91	E

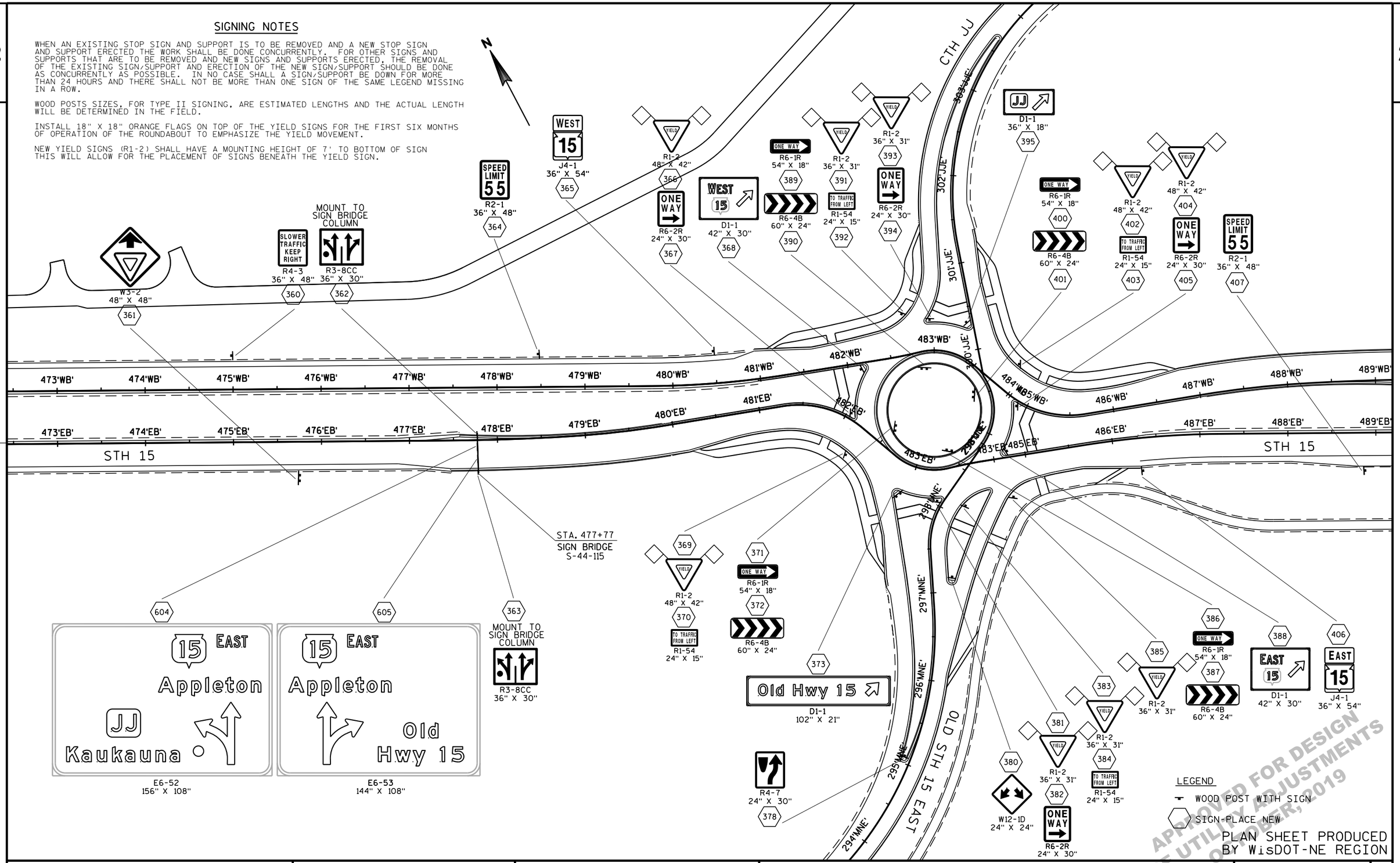
SIGNING NOTES

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 MOUNTING HEIGHT OF 7' TO BOTTOM OF SIGN THIS WILL ALLOW FOR THE PLACEMENT OF SIGNS BENEATH THE YIELD SIGN.



LEGEND

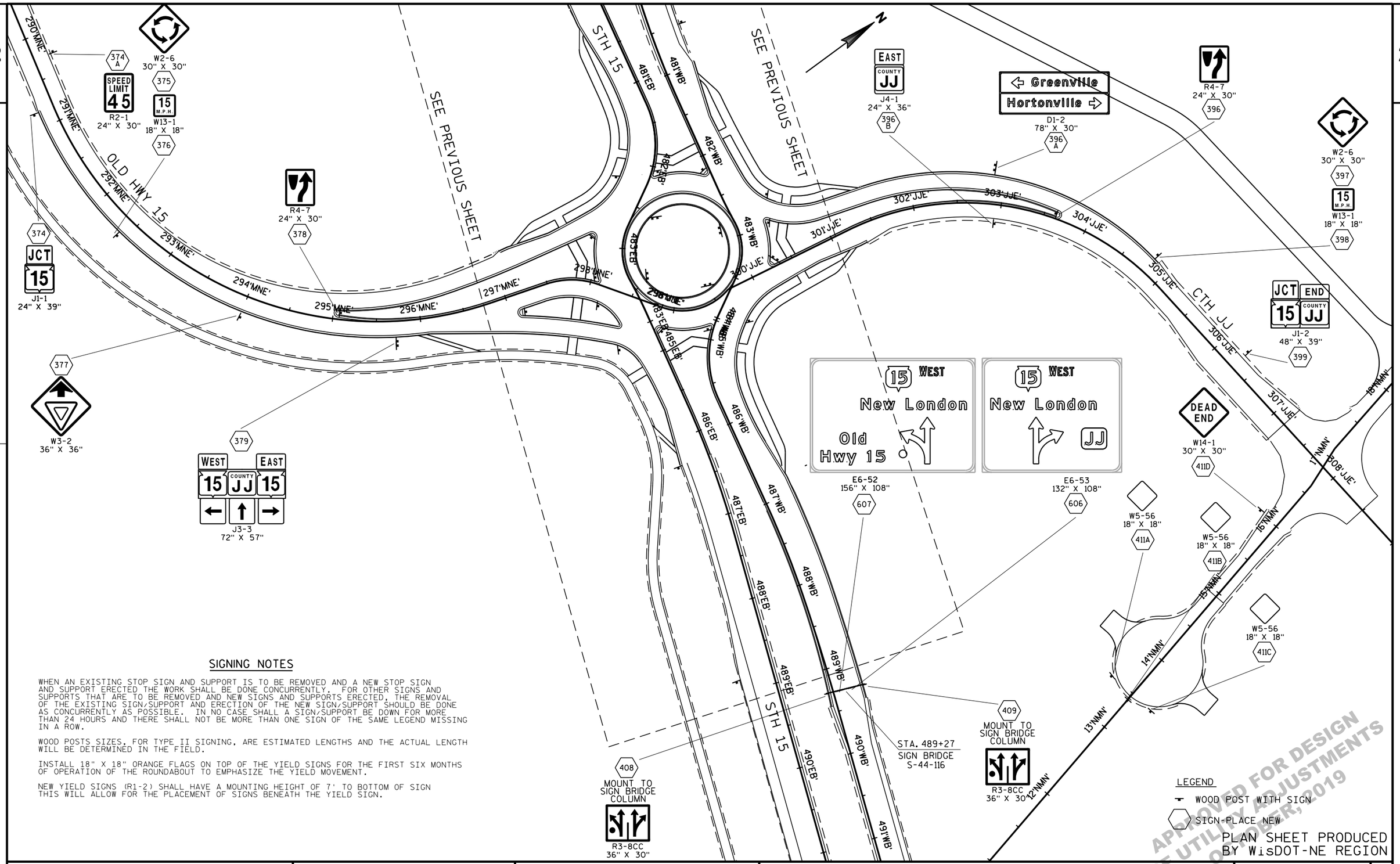
- WOOD POST WITH SIGN
- SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 92	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 MOUNTING HEIGHT OF 7' TO BOTTOM OF SIGN THIS WILL ALLOW FOR THE PLACEMENT OF SIGNS BENEATH THE YIELD SIGN.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 93	E

2

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

W3-2
48" X 48"
411

W2-6
48" X 48"
418

W13-1
24" X 24"
419

W2-6
48" X 48"
416

W13-1
24" X 24"
417

JCT
COUNTY JJ
J1-1
36" X 57"
420

R4-7
36" X 48"
424

11'MAN'

10'MAN'

492'WB' 493'WB' 494'WB' 495'WB' 496'WB' 497'WB' 498'WB' 499'WB' 500'WB' 501'WB' 502'WB' 503'WB' 504'WB' 505'WB' 506'WB'

492'EB' 493'EB' 494'EB' 495'EB' 496'EB' 497'EB' 498'EB' 499'EB' 500'EB' 501'EB' 502'EB' 503'EB' 504'EB' 505'EB' 506'EB'

38'MAN'

STH 15

38'MAN'

37'MAN'

410
Hortonville
D1-1
102" X 21"

412
ONE WAY
R6-2R
24" X 30"

413
STOP
R1-1
30" X 30"

414
15
J13-1
24" X 45"

415
Greenville 3
Appleton 9
D2-2
96" X 36"

421A
ONE WAY
R6-2R
24" X 30"

421
SLOWER TRAFFIC KEEP RIGHT
R4-3
36" X 48"

422
R4-7
36" X 48"

423
ONE WAY
R6-2L
24" X 30"

425
R R
W10-1
48" X 48"

426
R R
W10-1
48" X 48"

36'MAN'

35'MAN'

MANLEY RD

LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 94	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023234_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

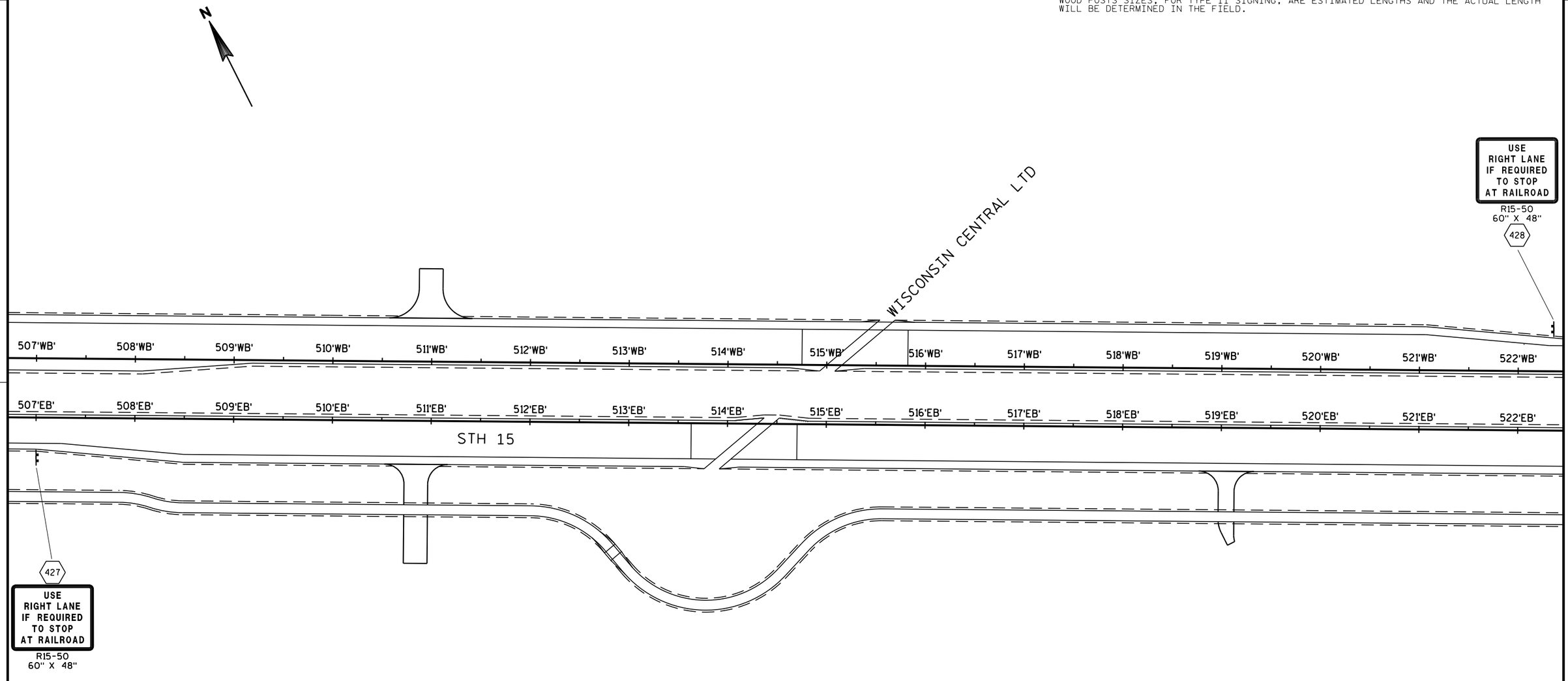
2

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

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 95	E

2

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

W10-1
48" X 48"
429

W10-1
48" X 48"
430

R4-7
36" X 48"
433

523'WB' 524'WB' 525'WB' 526'WB' 527'WB' 528'WB' 529'WB' 530'WB' 531'WB' 532'WB' 533'WB' 534'WB' 535'WB' 536'WB' 537'WB'

523'EB' 524'EB' 525'EB' 526'EB' 527'EB' 528'EB' 529'EB' 530'EB' 531'EB' 532'EB' 533'EB' 534'EB' 535'EB' 536'EB' 537'EB'

431
R4-7
36" X 48"

432
ONE WAY
R6-2L
24" X 30"

LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS ONLY; 2019

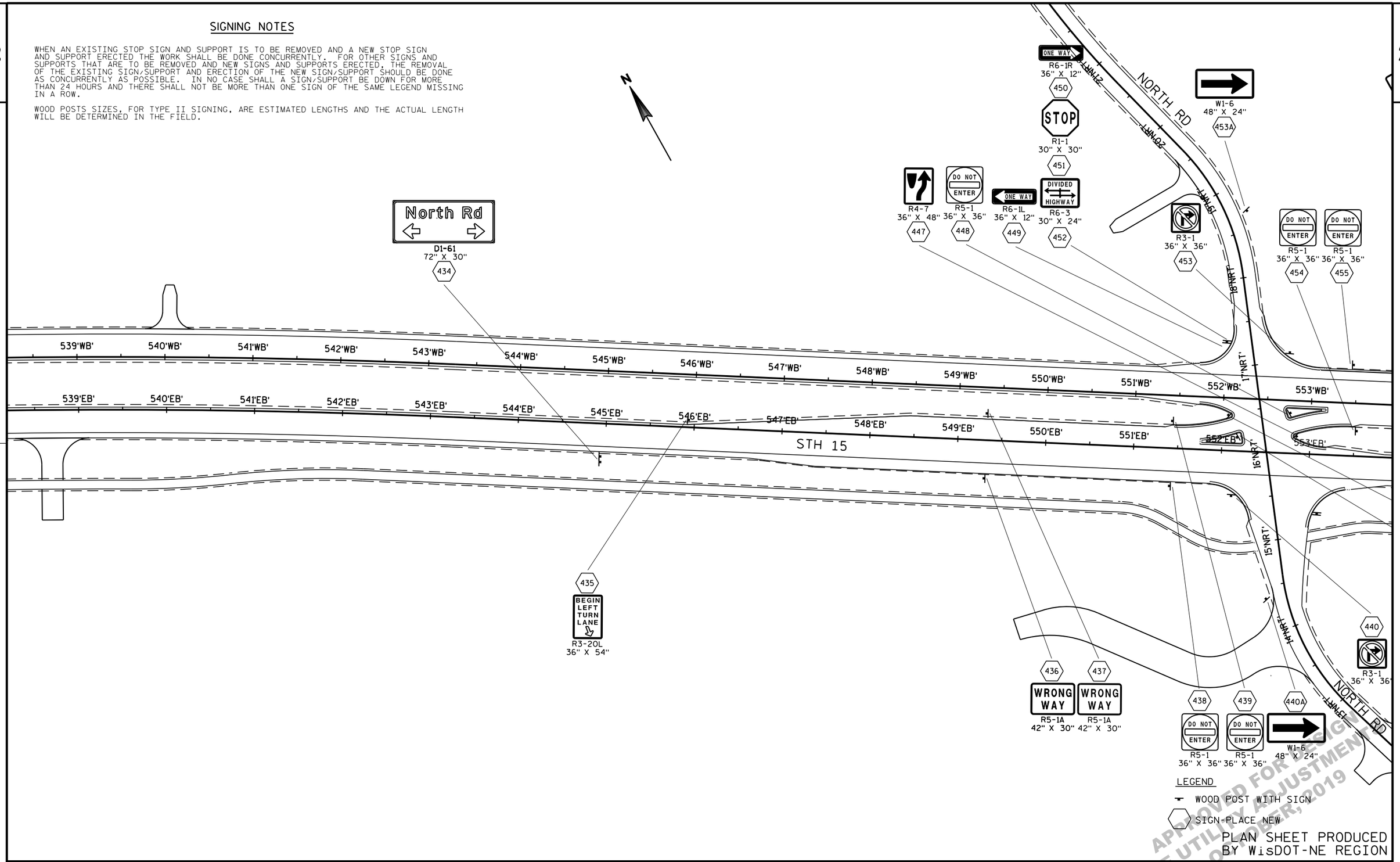
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 96	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023236_ps.dgn PLOT DATE : 20-SEP-2019 08:24 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.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

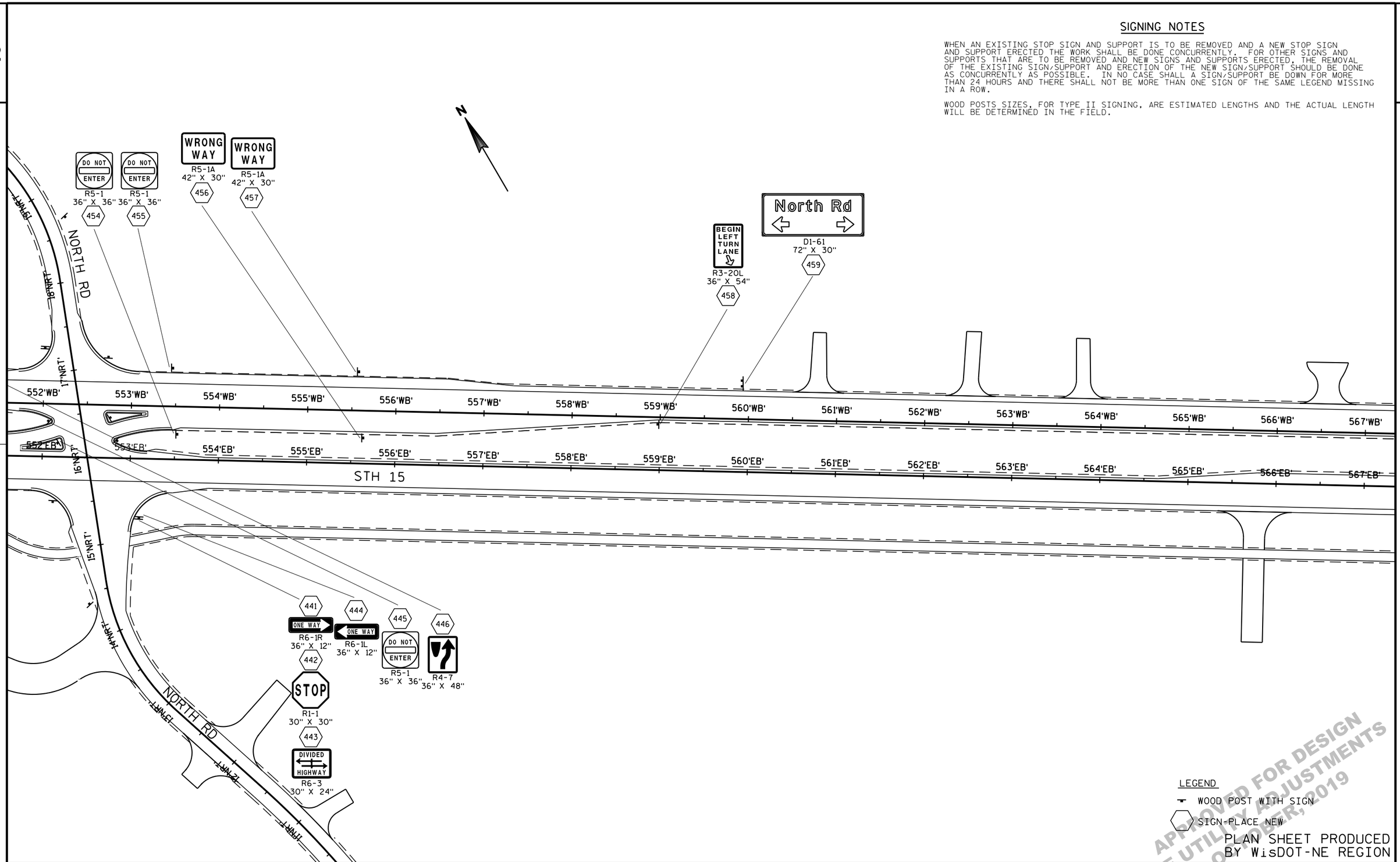


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 97	E

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.



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 98	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023238_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

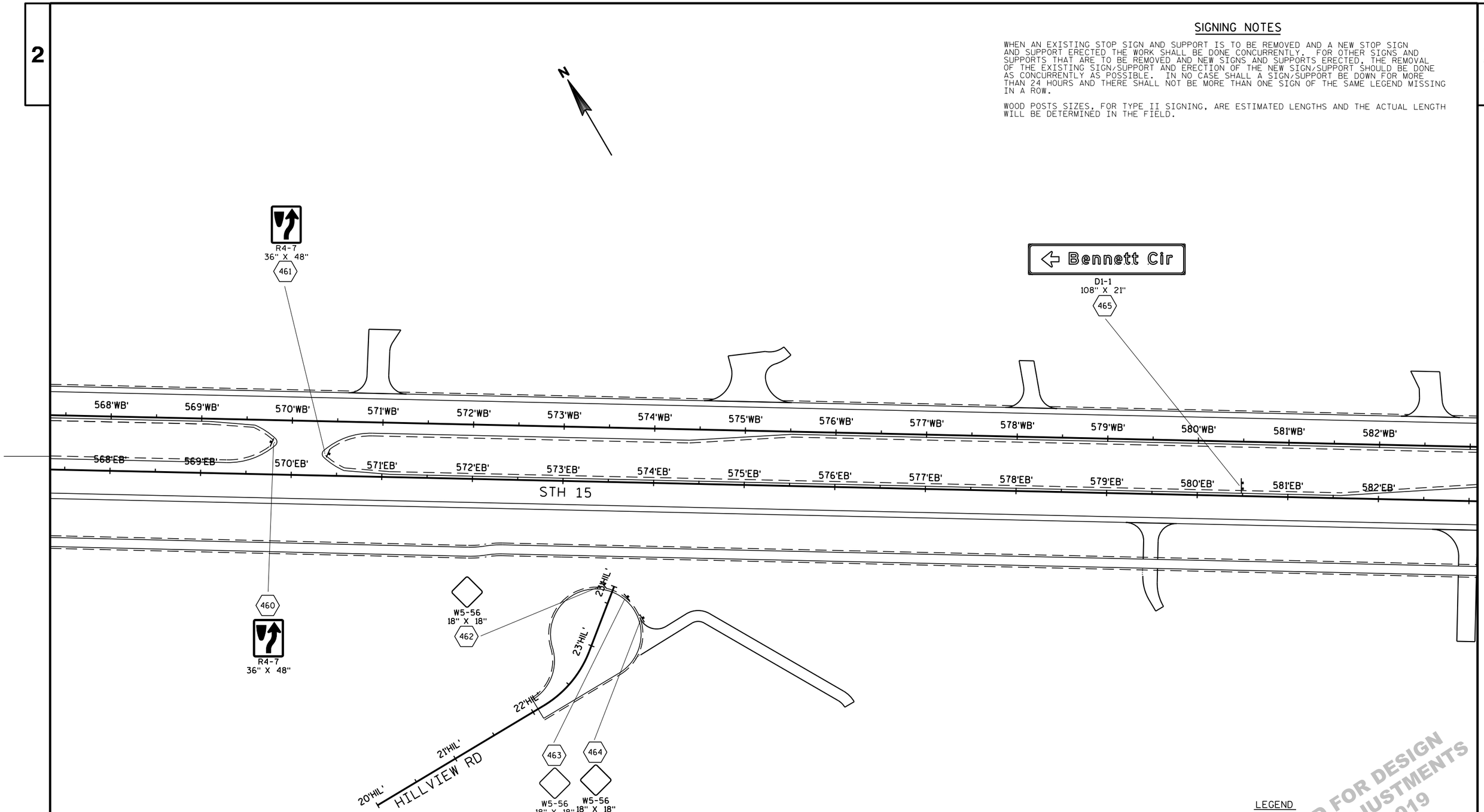
2

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

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 99	E

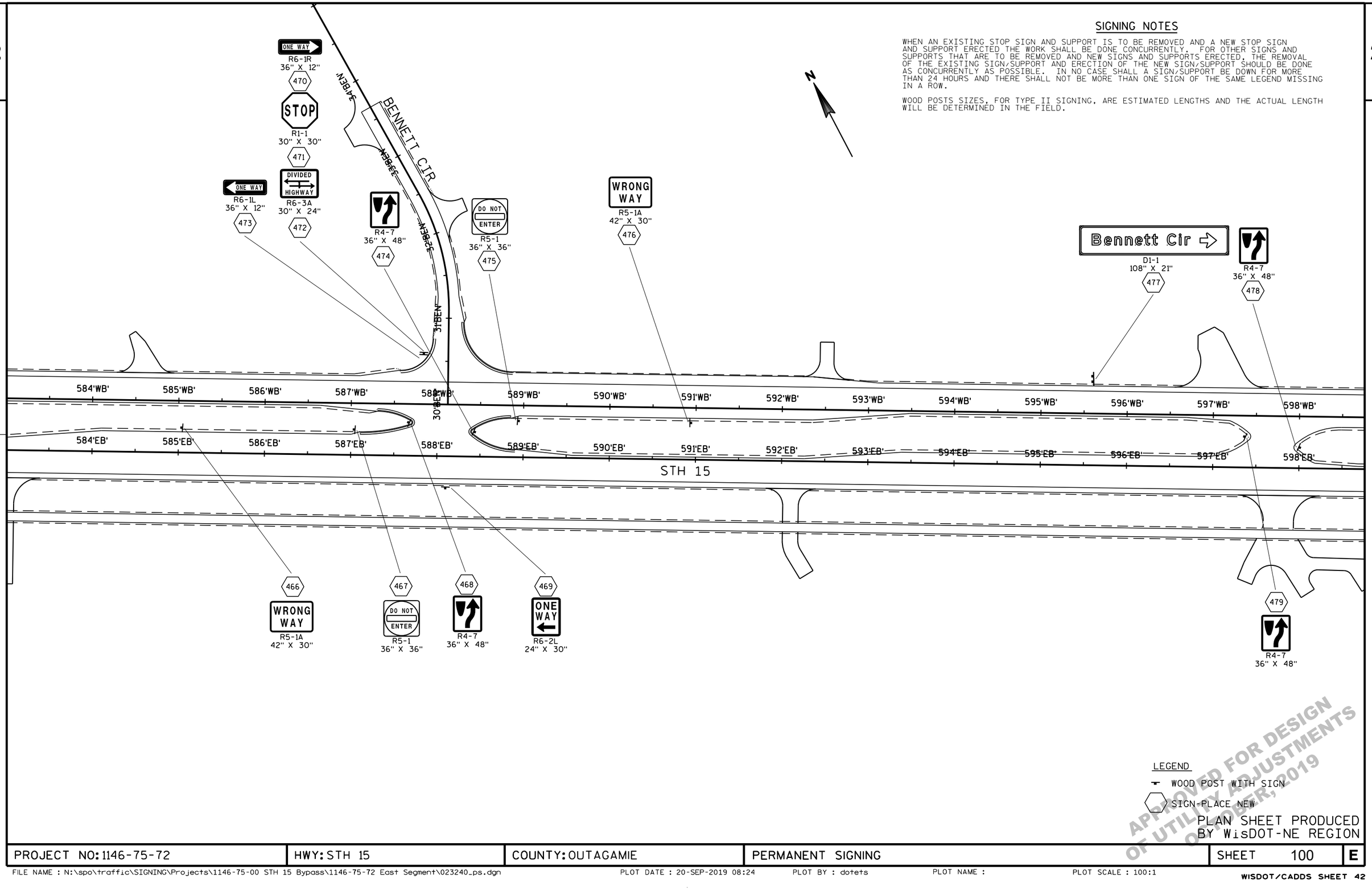
FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023239_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

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-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

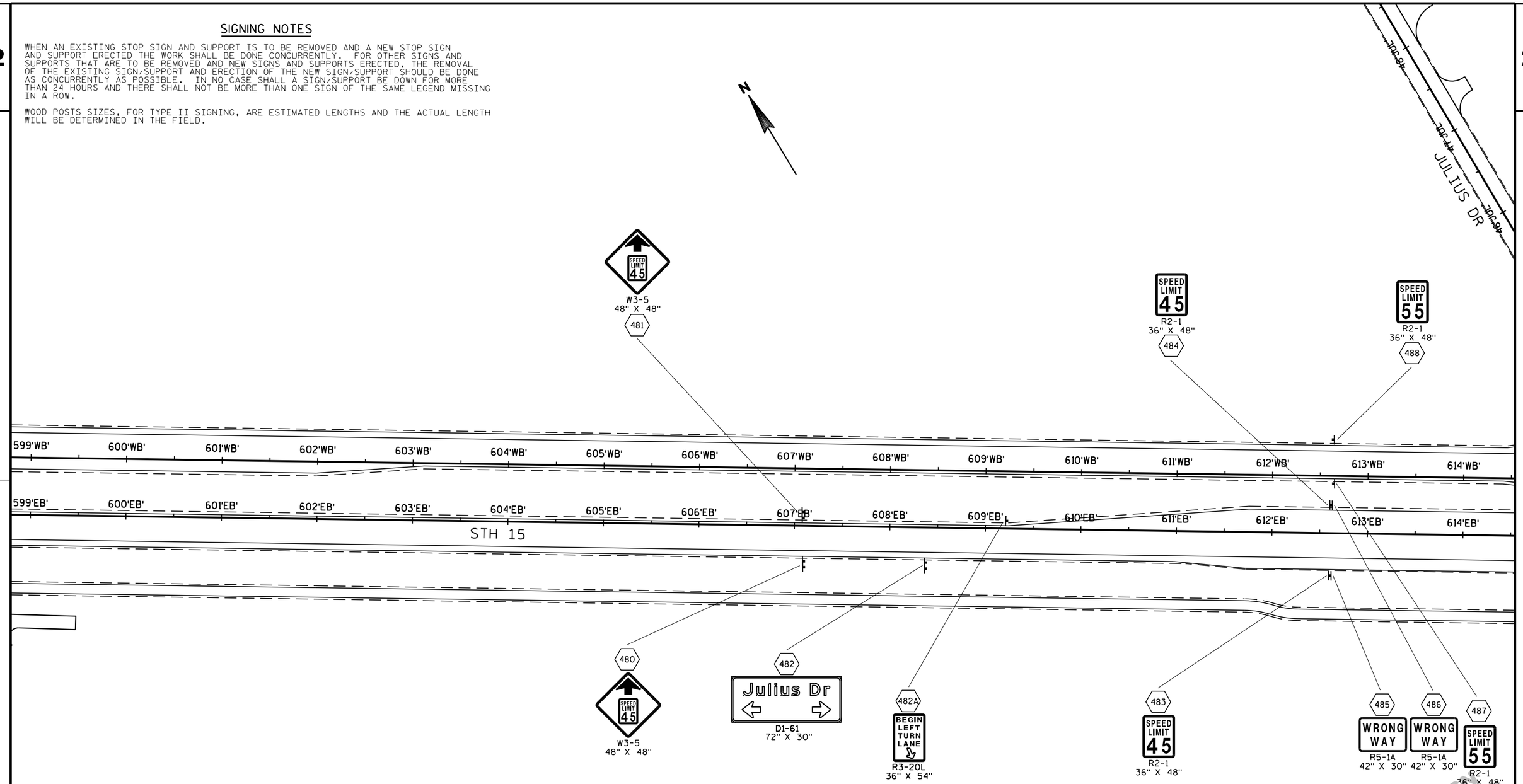
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 100	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.



LEGEND

WOOD POST WITH SIGN

SIGN-PLACE NEW

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 101	E

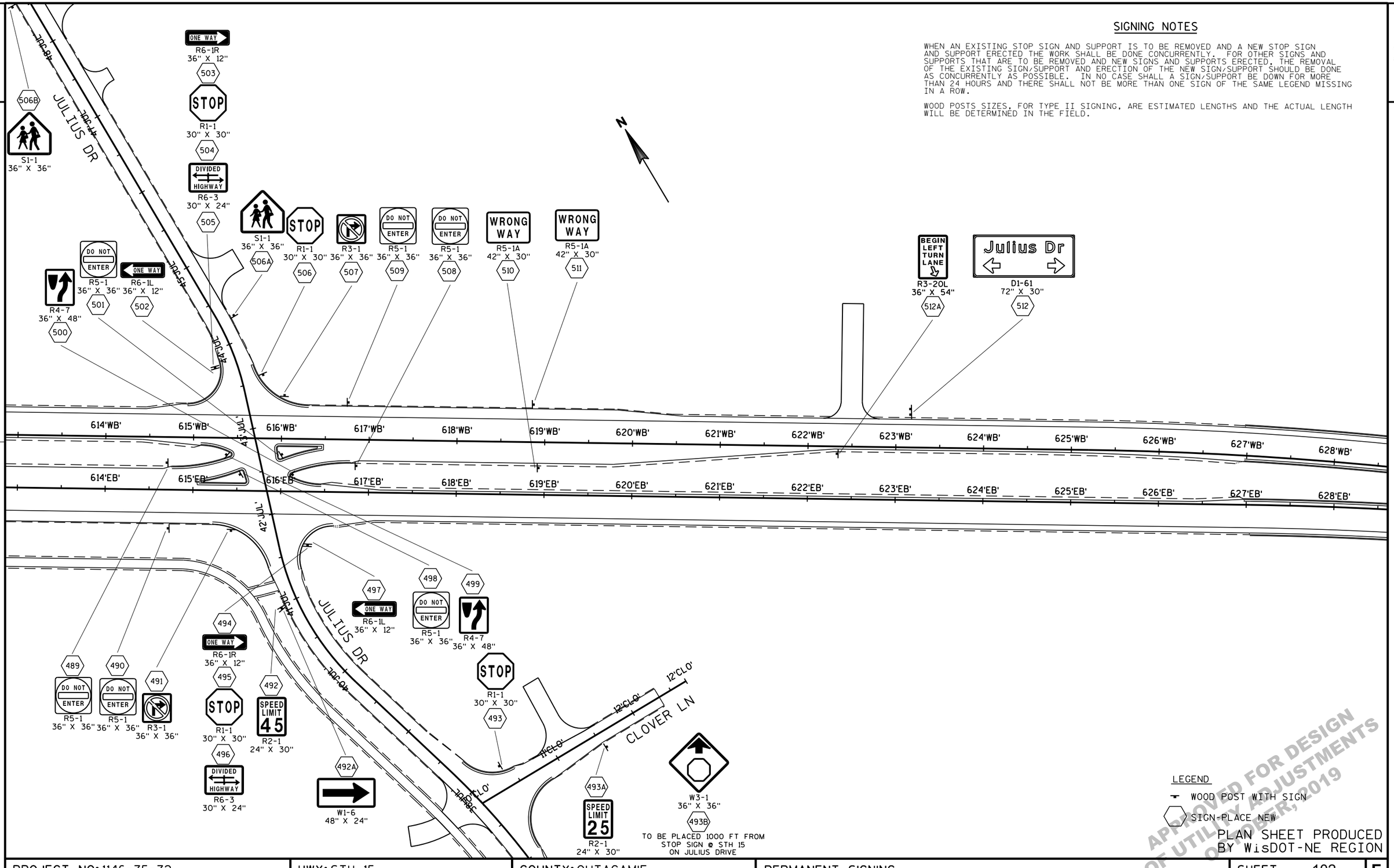
FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\023241_ps.dgn PLOT DATE : 20-SEP-2019 08:24 PLOT BY : dotets PLOT NAME : PLOT SCALE : 100:1

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.



LEGEND

- WOOD POST WITH SIGN
- SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

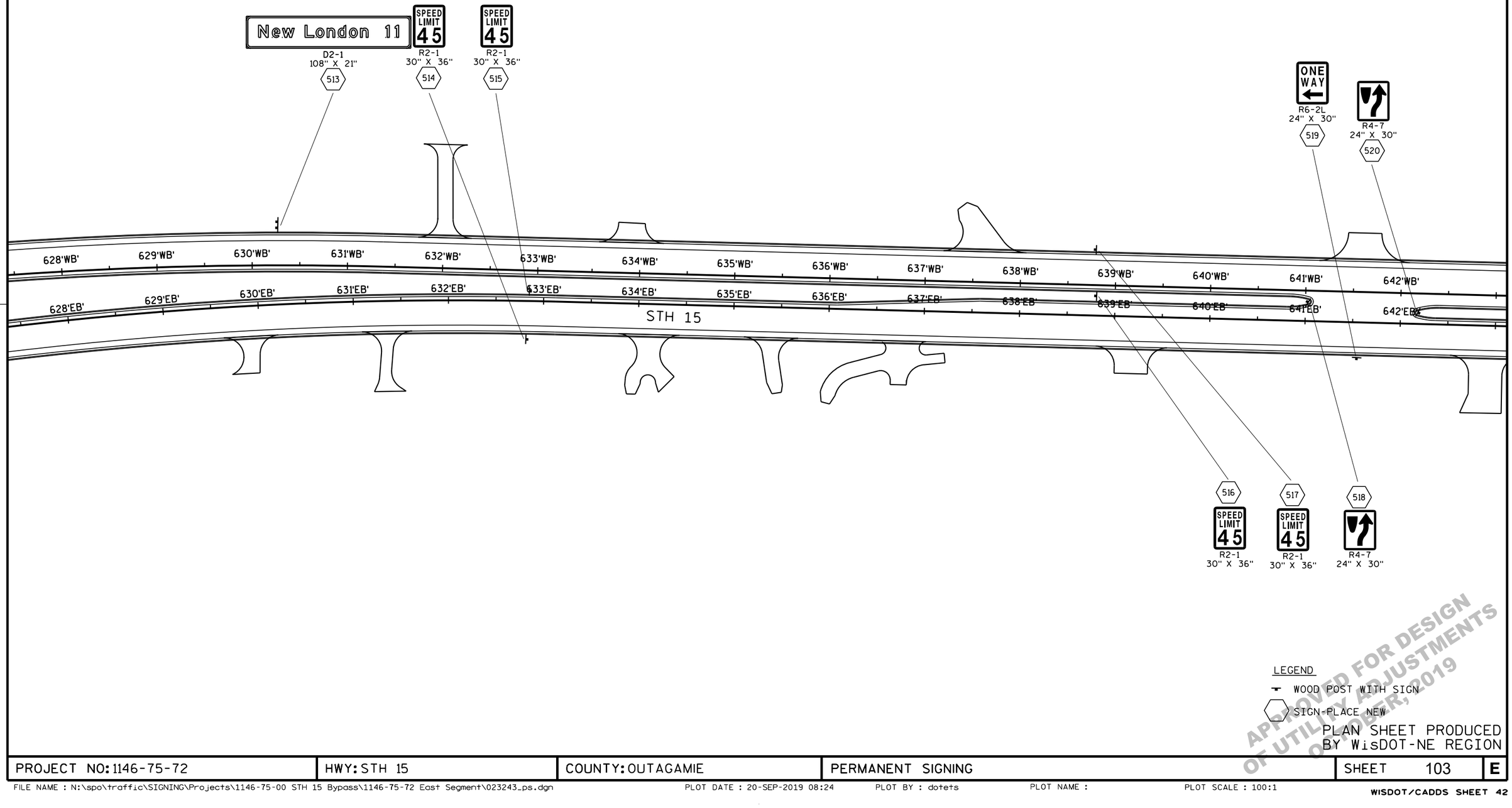
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 102	E

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.



LEGEND

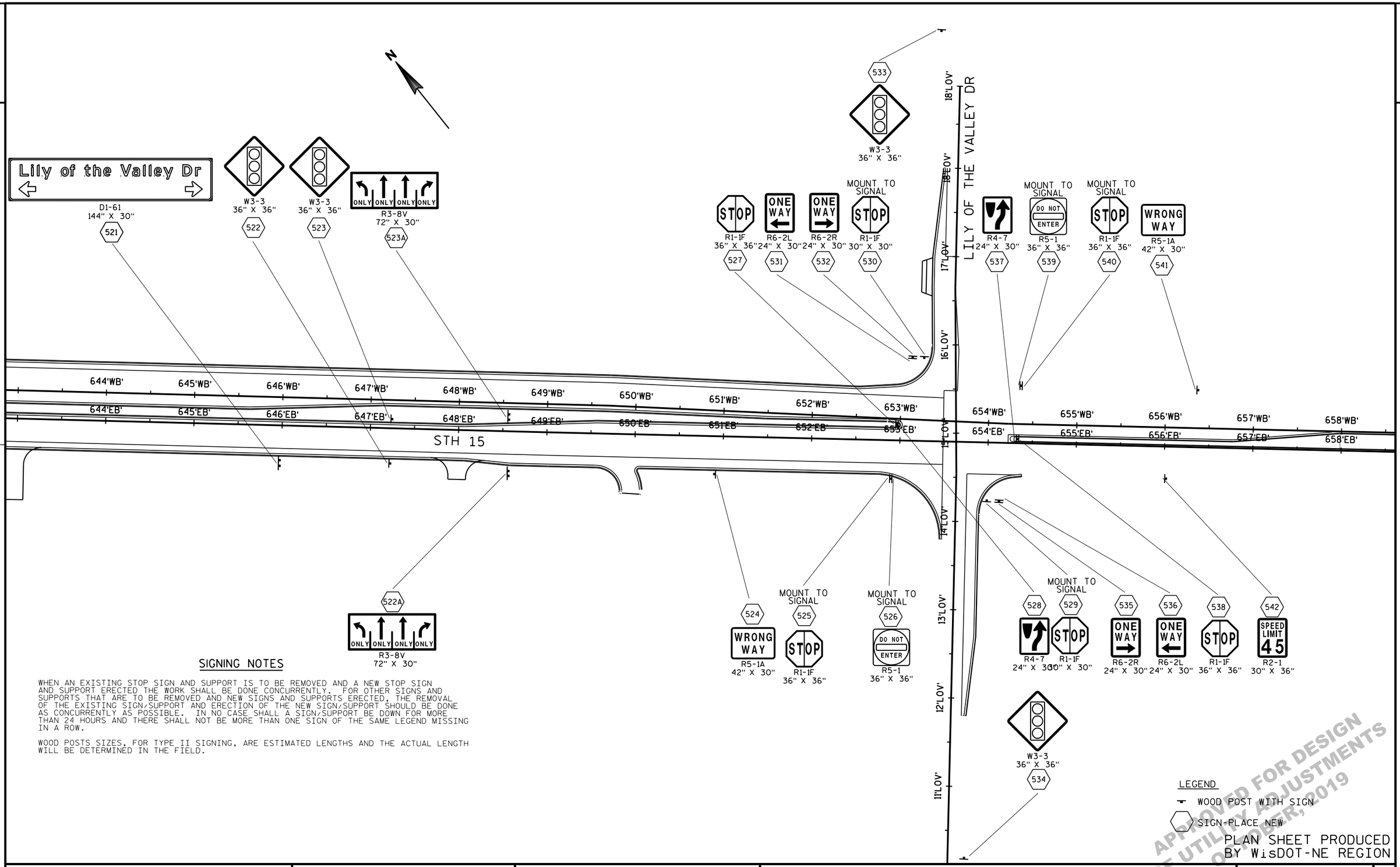
- WOOD POST WITH SIGN
- SIGN-PLACE NEW

PLAN SHEET PRODUCED BY WisDOT-NE REGION

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 103	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.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PLAN SHEET PRODUCED BY WisDOT-NE REGION

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 104	E

2

N

T-200 SIGN AND POSTS
SHALL BE REINSTALLED BY
OUTAGAMIE COUNTY HWY DEPT.

Hortonville 6
New London 13
D2-2
90" X 24"
544

SPEED LIMIT 45
R2-1
30" X 36"
546

HYACINTH LANE

656'WB' 657'WB' 658'WB' 659'WB' 660'WB' 661'WB' 662'WB' 663'WB' 664'WB' 665'WB' 666'WB' 667'WB' 668'WB' 669'WB' 669'WB'

656'EB' 657'EB' 658'EB' 659'EB' 660'EB' 661'EB' 662'EB' 663'EB' 664'EB' 665'EB' 666'EB' 667'EB' 667'EB'

STH 15

543
Greenville
UNINCORPORATED
I2-3
66" X 24"

545
ONE WAY
R6-2R
24" X 30"

547
SPEED LIMIT 45
R2-1
30" X 36"

548
WRONG WAY
R5-1A
42" X 30"

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

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET 105	E

2

GENERAL NOTES

1) DRAWINGS NOT TO SCALE

2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS."

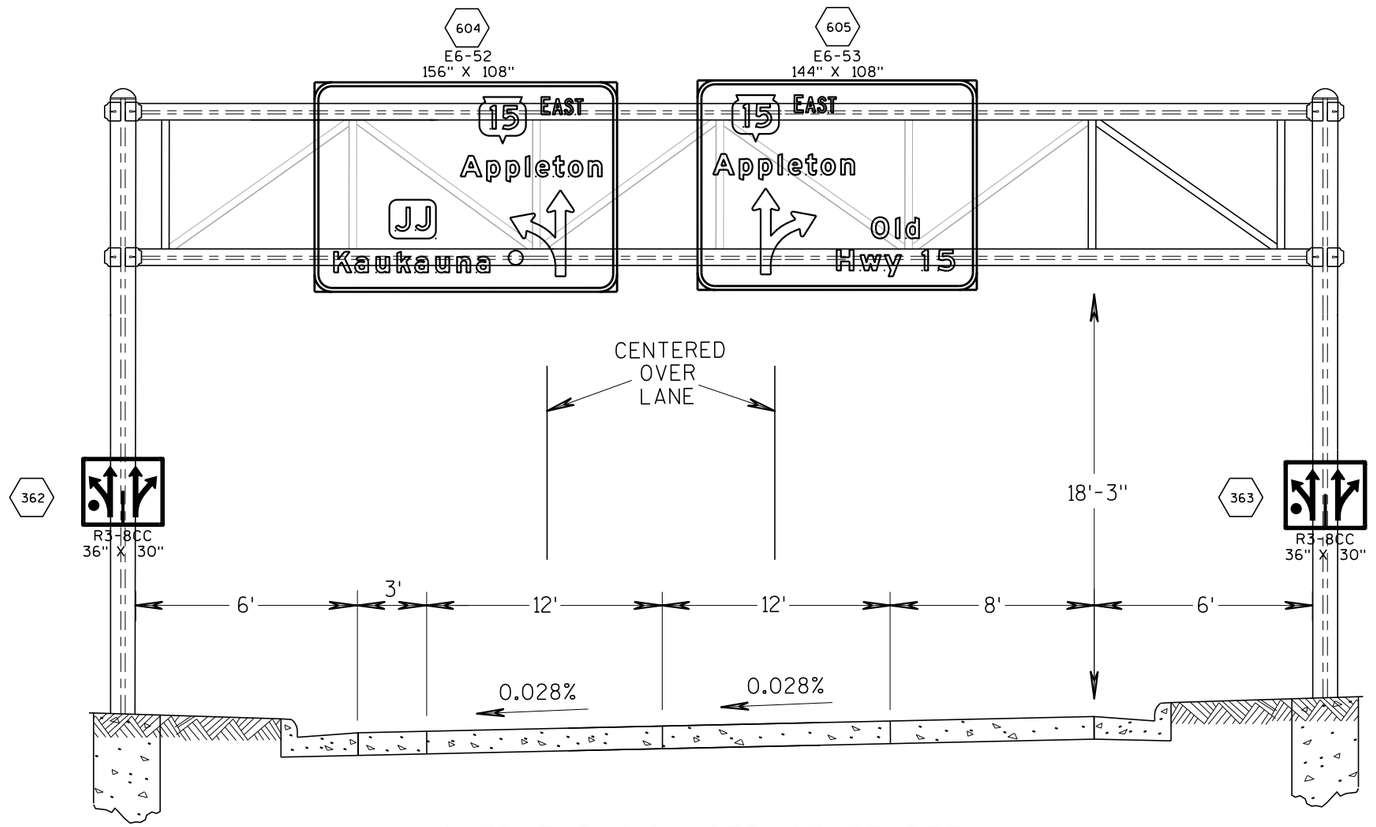
3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTIAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".

4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.

5) PROVIDE DESIGN CALCULATIONS

6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.

7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.



OVERHEAD SIGN STRUCTURE DETAIL

STH 15 EAST
S-44-115
STA 477+77

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	OVERHEAD SIGN CONSTRUCTION DETAILS	SHEET 106	E

2

GENERAL NOTES

1) DRAWINGS NOT TO SCALE

2) DESIGN NEW OVERHEAD SIGN SUPPORTS ACCORDING TO THE LATEST EDITION OF, AND SUPPLEMENTAL TO THE STATE OF WISCONSIN "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" AND AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS."

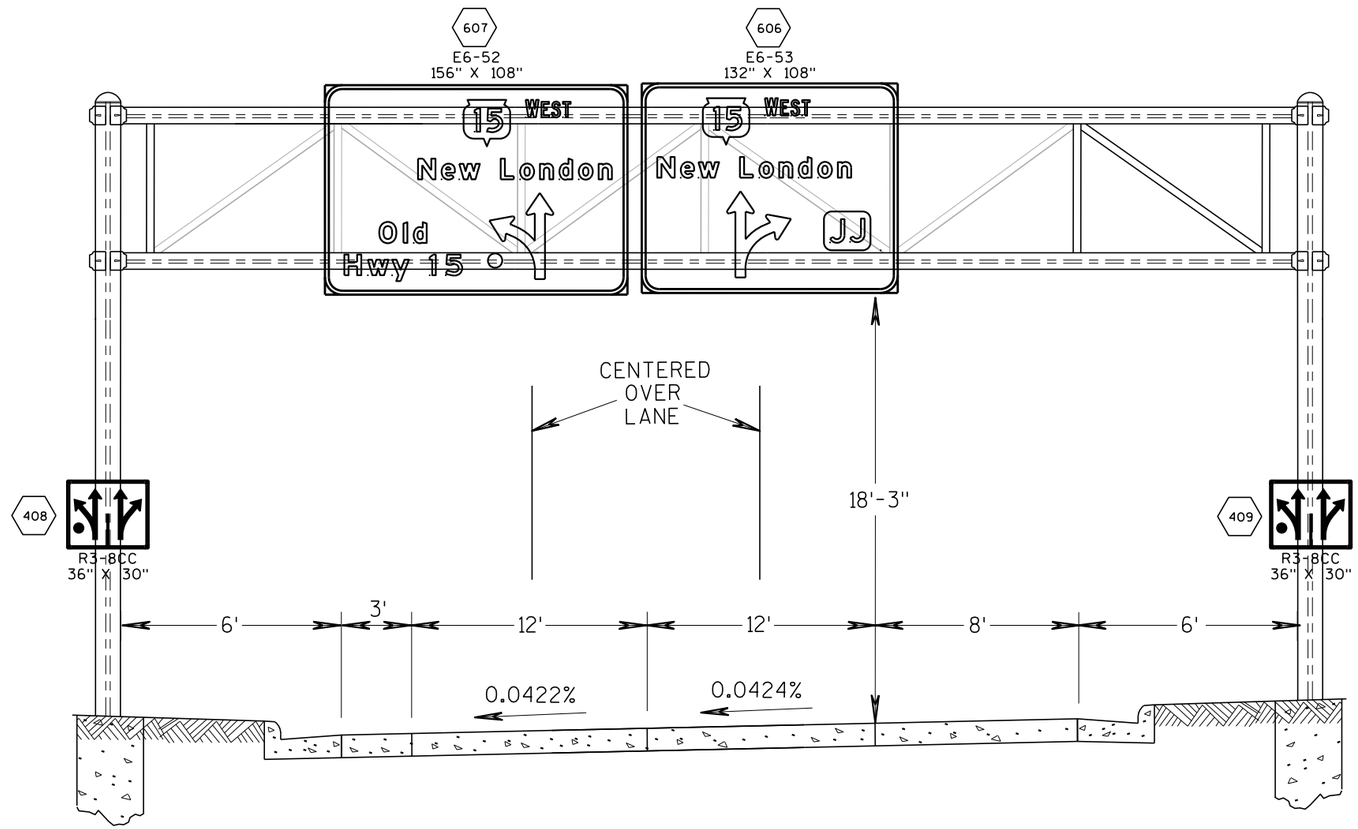
3) PROVIDE AN IDENTIFICATION PLAQUE FOR ALL OVERHEAD SIGN SUPPORTS, TO BE CONSIDERED INCIDENTIAL TO THE BID ITEM "OVERHEAD SIGN SUPPORT".

4) SIZE THE ANCHOR BOLT/TEMPLATE ASSEMBLY TO FIT WITHIN THE BAR CAGE OF THE FOOTING BASE SHOWN IN THE CONTRACT PLANS FOR A 36" DIAMETER BASE. IN ADDITION TO MEETING ALL APPLICABLE DESIGN REQUIREMENTS FOR THE DESIGN OF THE UPRIGHT BASE CONNECTION.

5) PROVIDE DESIGN CALCULATIONS

6) SIGNS OR BLANKS SHALL BE INSTALLED ON THE OVERHEAD SIGN SUPPORT AT THE TIME OF ERECTION. BLANKS, IF USED, SHALL BE OF THE SAME SIZE AND LOCATION AS PERM SIGNING.

7) SIGNS SHALL BE ATTACHED TO SIGN BRIDGE AS SHOWN ON STANDARD SIGN PLATE A4-7.

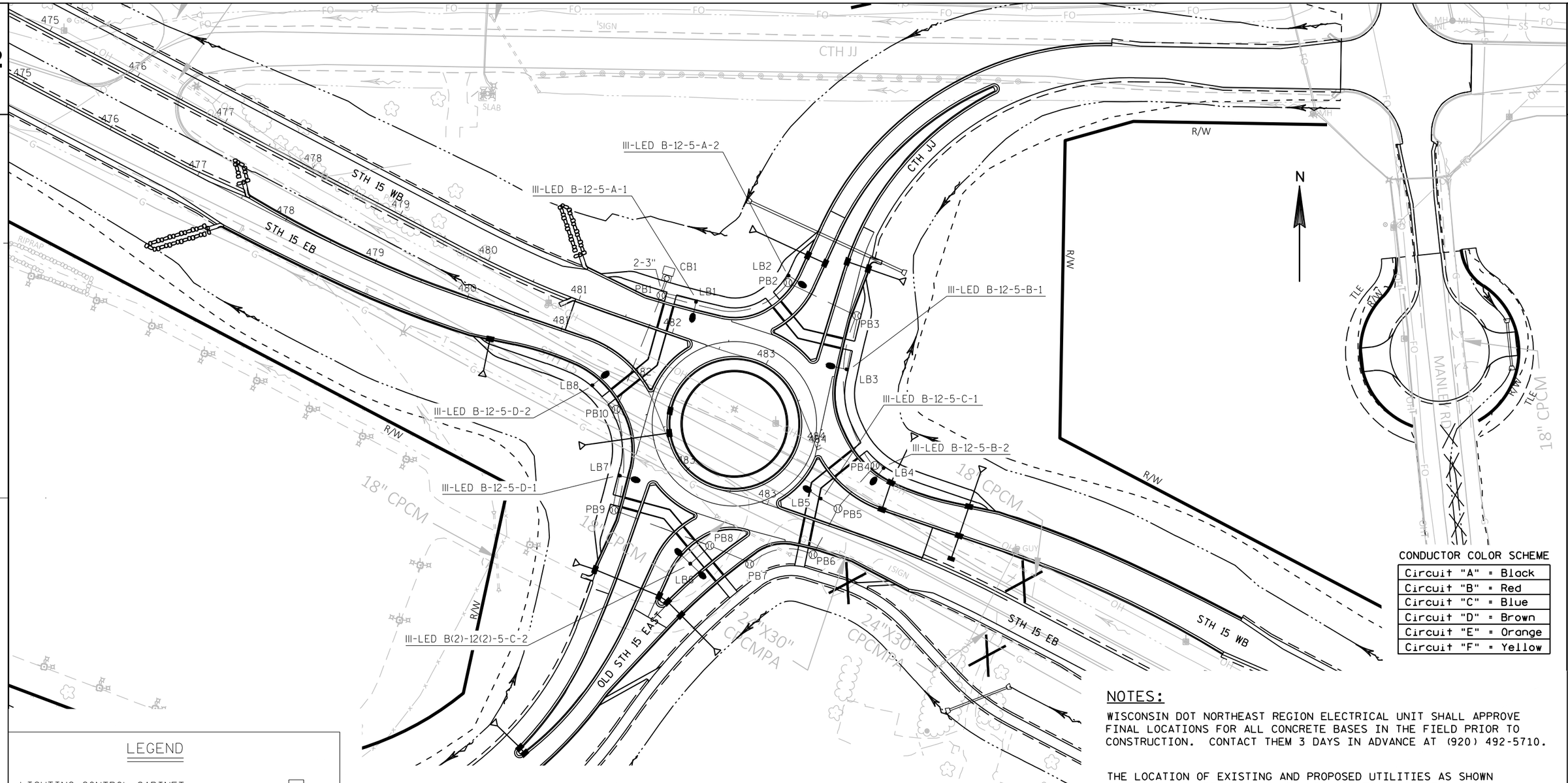


OVERHEAD SIGN STRUCTURE DETAIL

STH 15 WEST
S-44-116
STA 489+27

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	OVERHEAD SIGN CONSTRUCTION DETAILS	SHEET 107	E



CONDUCTOR COLOR SCHEME

Circuit "A" = Black
Circuit "B" = Red
Circuit "C" = Blue
Circuit "D" = Brown
Circuit "E" = Orange
Circuit "F" = Yellow

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) 492-5710.

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

STH 15 & OLD STH 15 EAST
TOWN OF GREENVILLE
OUTAGAMIE COUNTY

LIGHTING NO. 44-2019

DESIGNER: WISDOT NE REGION TRAFFIC UNIT

DATE: 8/22/2019 SHEET NO. 1 OF 1

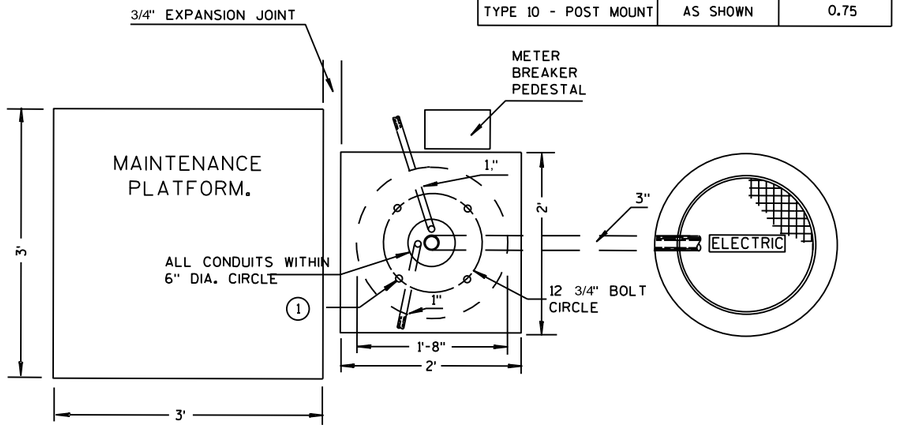
APPROVED FOR DESIGN OCTOBER, 2019 ADJUSTMENTS

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN: LIGHTING PLAN - OLD STH 15 EAST/CTH JJ ROUNDABOUT	SHEET 108--	E

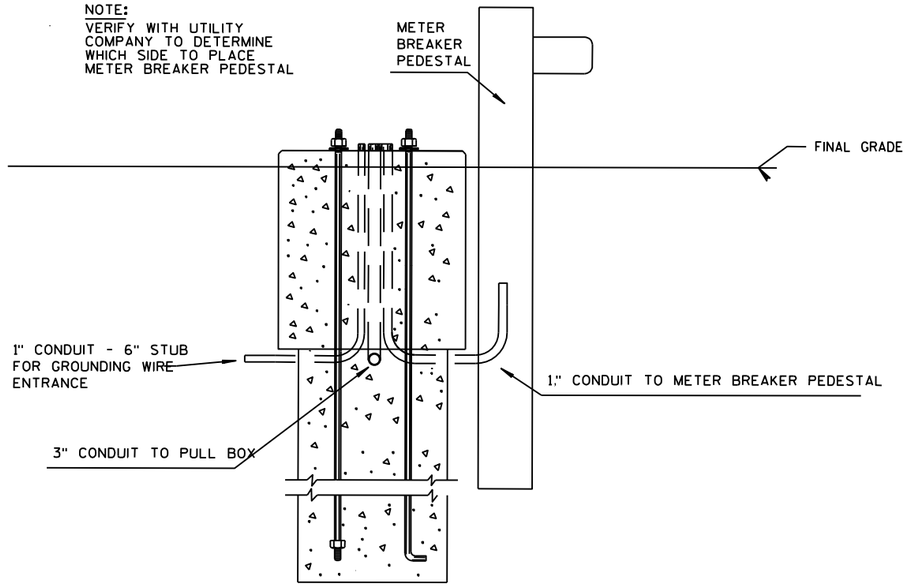
FILE NAME : F:\D3_TRAFFI\L44-2018, 2019 (STH 15 & STH T, CTH JJ)\LIGHTING.DWG PLOT DATE : Aug 22, 2019 - 8:59am PLOT BY : TALCOTT, MATTHEW J PLOT NAME : L44-2019,const PLOT SCALE: 100:1

WISDOT/CADDS SHEET 42

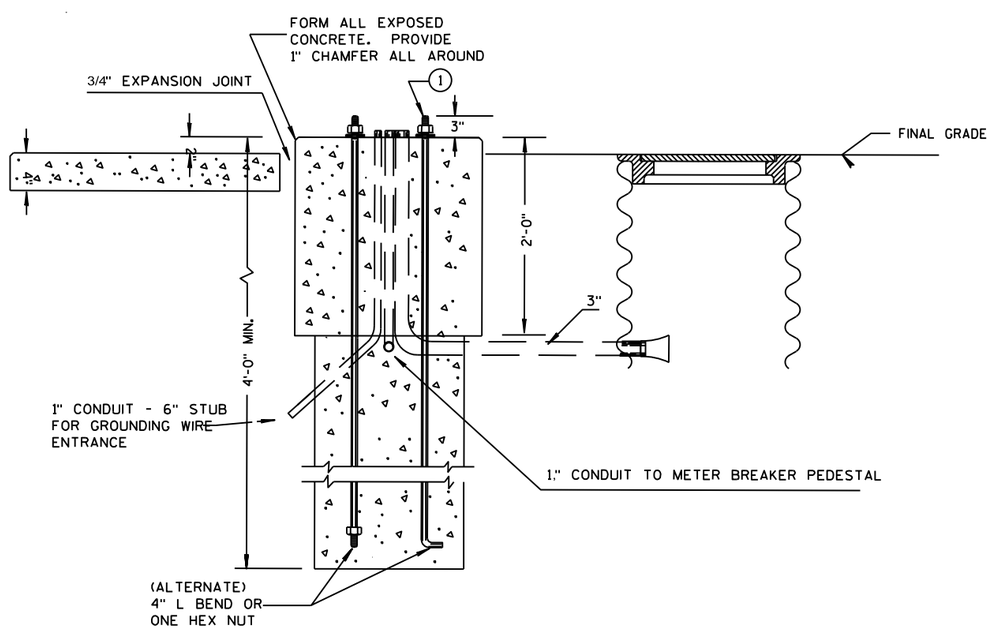
CONTROL CABINET BASE TYPE	DIMENSIONS	C.Y. CONCRETE (APPROX.)
TYPE 10 - POST MOUNT	AS SHOWN	0.75



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).

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

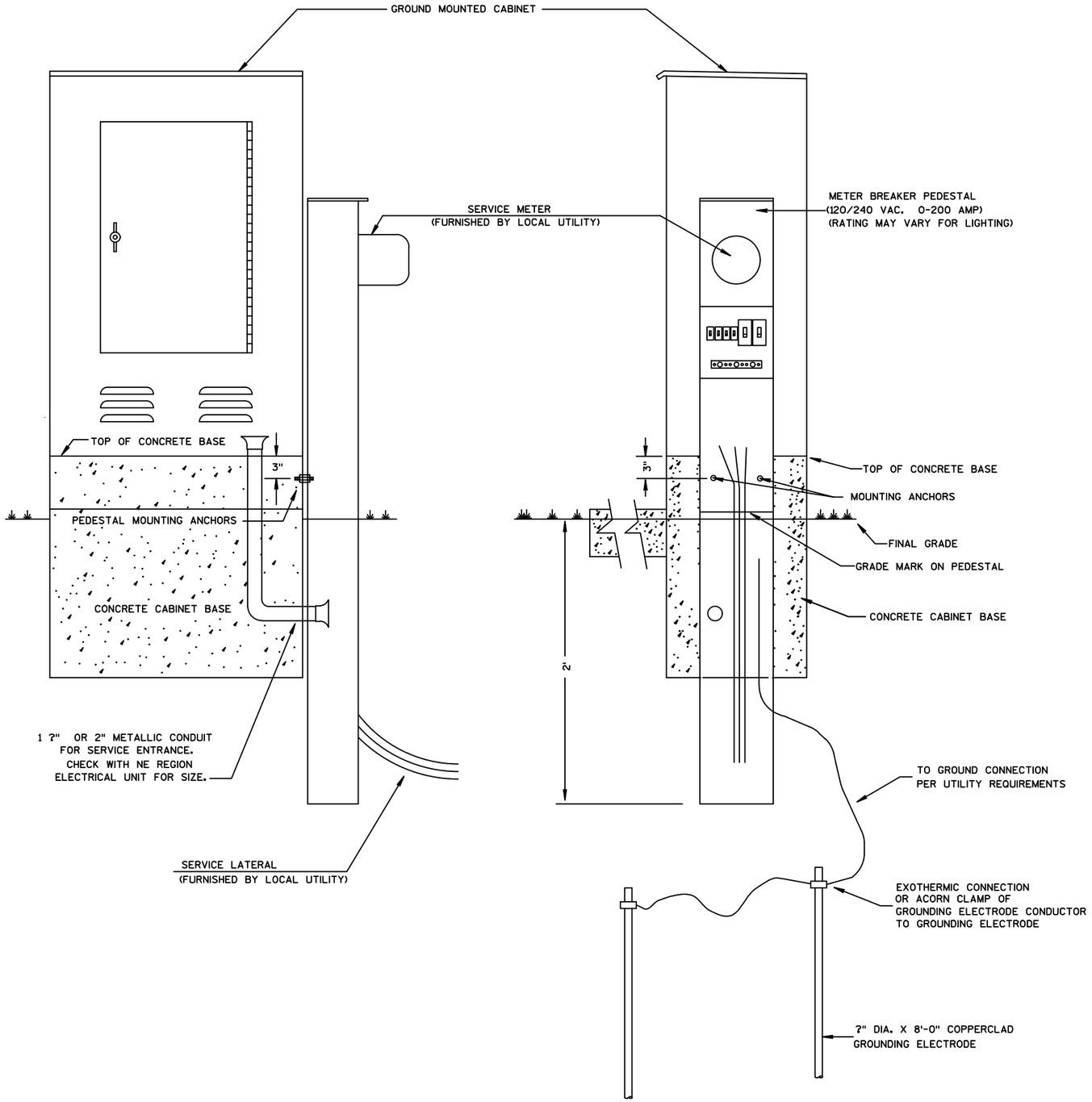
120/240 VOLT ELECTRIC SERVICE

DATE: 8/9/2018

SHEET NO. 1 OF 1

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAIL - LIGHTING CABINET TYPE 10 NER	SHEET 109	E

2



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.

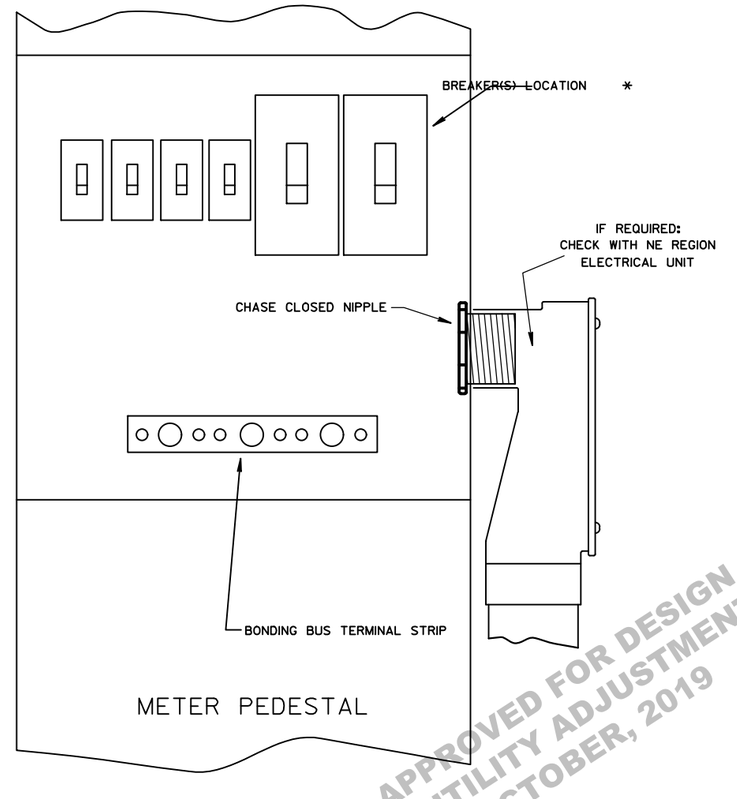
WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

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.



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAIL- NER METER PEDESTAL INSTALLATION	SHEET 110	E

NOTE

WISCONSIN DOT NE REGION ELECTRICAL UNIT SHALL APPROVE FINAL LOCATIONS FOR ALL LOOP DETECTORS AND CONCRETE BASES IN THE FIELD PRIOR TO CONSTRUCTION; MAKE WIRING TERMINATIONS IN THE SIGNAL CABINET. CONTACT THEM 3 DAYS IN ADVANCE AT (920) 360-3107.

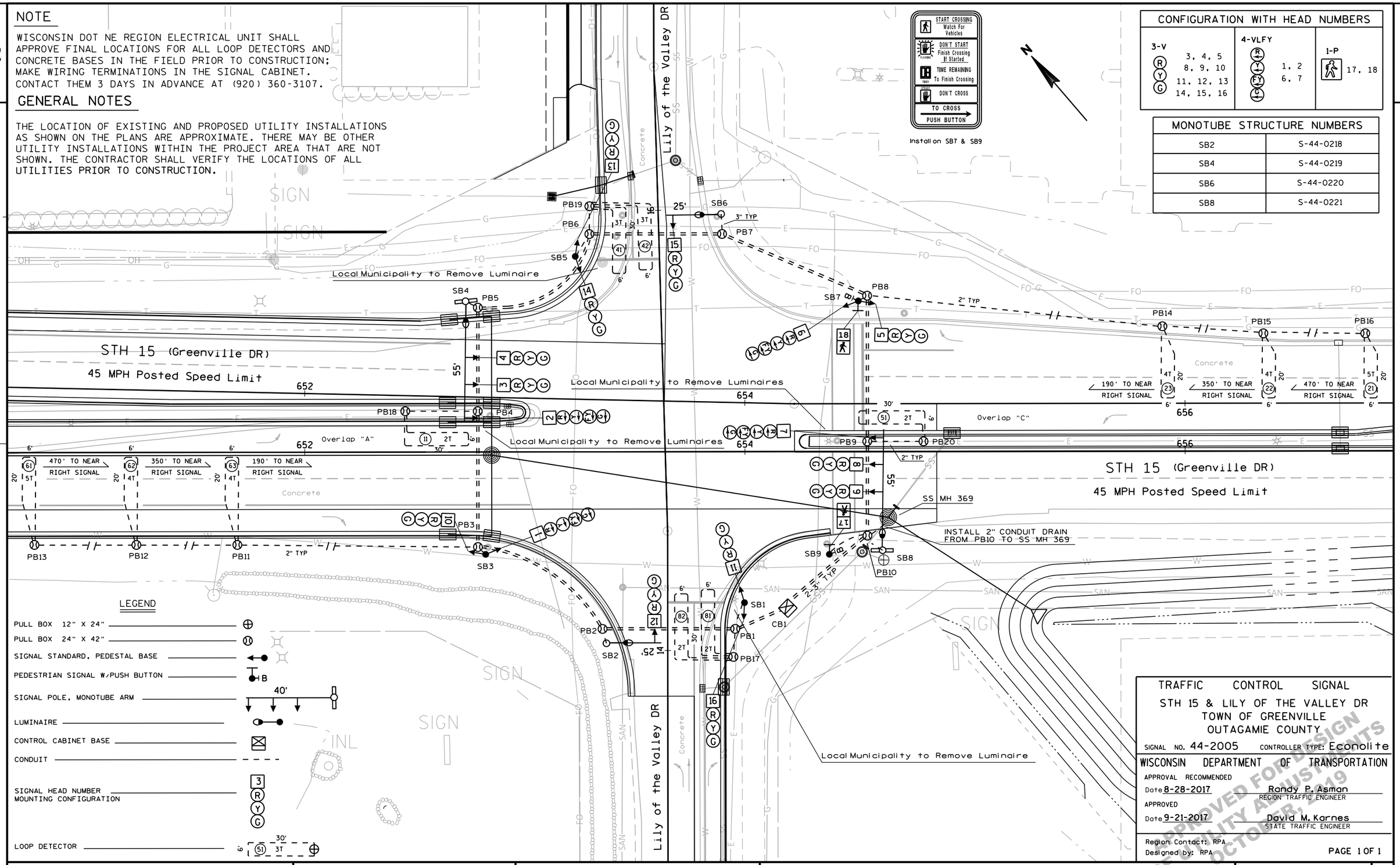
GENERAL NOTES

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

Install on SB7 & SB9

CONFIGURATION WITH HEAD NUMBERS		
3-V (R Y G)	3, 4, 5 8, 9, 10 11, 12, 13 14, 15, 16	4-VLFY (R 1 Y G) 1, 2 6, 7
1-P	17, 18	

MONOTUBE STRUCTURE NUMBERS	
SB2	S-44-0218
SB4	S-44-0219
SB6	S-44-0220
SB8	S-44-0221



LEGEND

- PULL BOX 12" X 24"
- PULL BOX 24" X 42"
- SIGNAL STANDARD, PEDESTAL BASE
- PEDESTRIAN SIGNAL W/PUSH BUTTON (B)
- SIGNAL POLE, MONOTUBE ARM (40')
- LUMINAIRE
- CONTROL CABINET BASE
- CONDUIT
- SIGNAL HEAD NUMBER / MOUNTING CONFIGURATION (3 R Y G)
- LOOP DETECTOR (6' x 30', 51, 3T)

TRAFFIC CONTROL SIGNAL

STH 15 & LILY OF THE VALLEY DR
TOWN OF GREENVILLE
OUTAGAMIE COUNTY

SIGNAL NO. 44-2005 CONTROLLER TYPE: Econolite

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date 8-28-2017 Randy P. Asman
REGION TRAFFIC ENGINEER

APPROVED
Date 9-21-2017 David M. Karnes
STATE TRAFFIC ENGINEER

Region Contact: RPA
Designed by: RPA

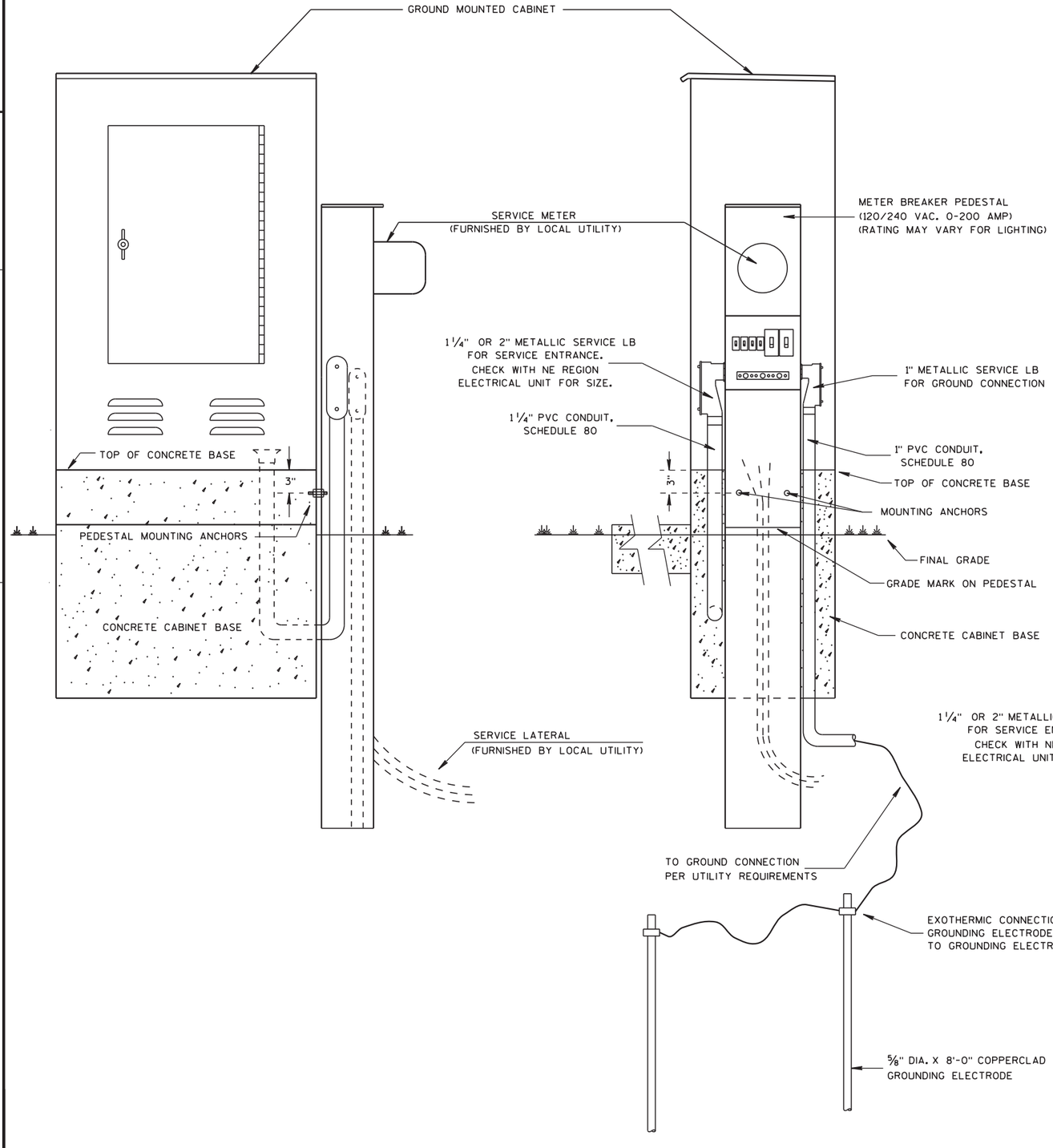
PAGE 1 OF 1

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAIL - TRAFFIC SIGNAL INSTALLATION	SHEET 111	E

FILE NAME : F:\d3_traffi\S44-2005,const.dgn PLOT DATE : 16-SEP-2019 10:22 PLOT BY : dotc5s PLOT NAME : S44-2005,const PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42



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.

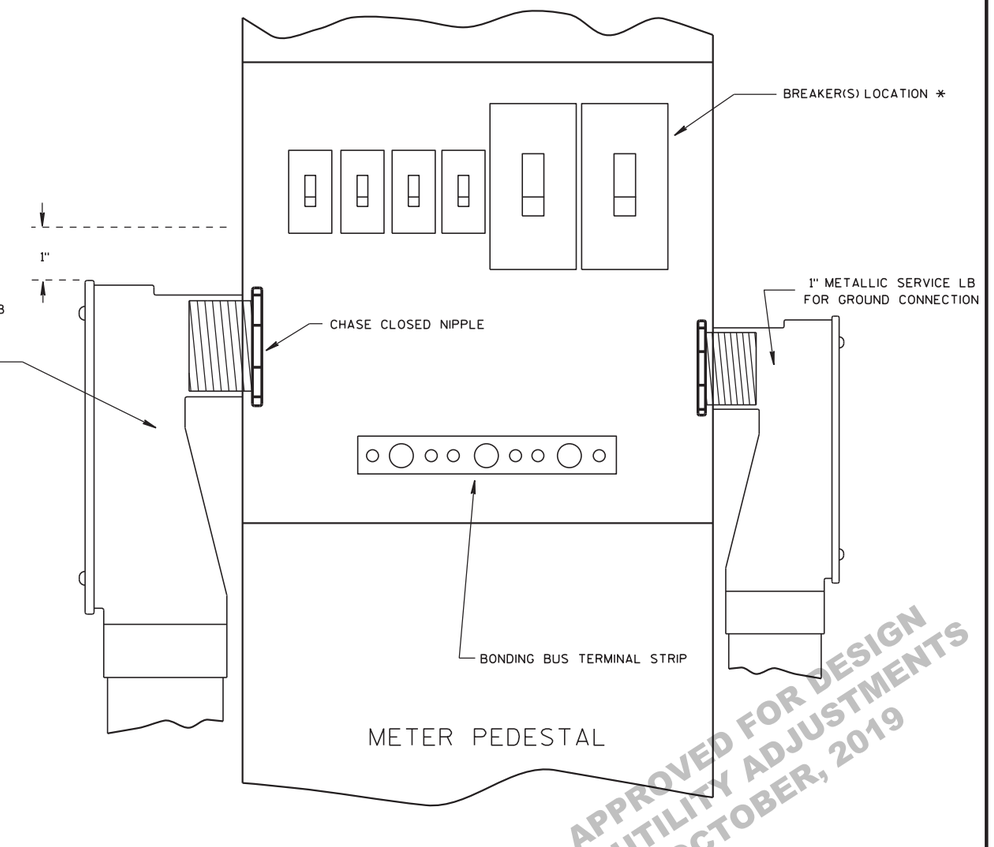
WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

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.



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

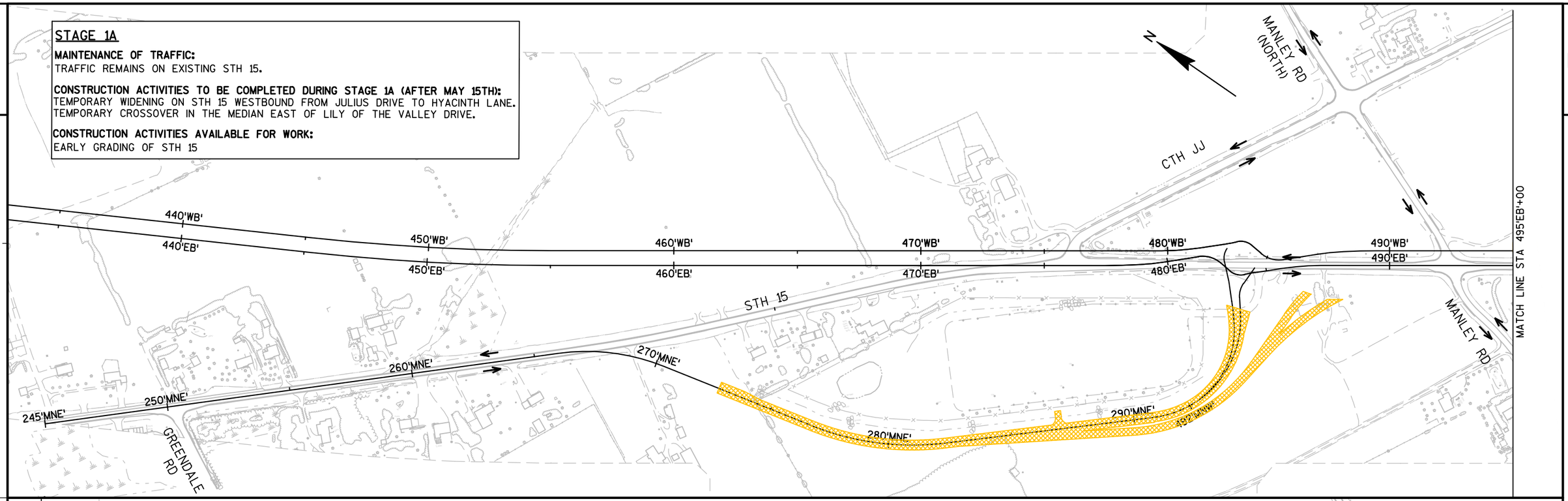
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	CONSTRUCTION DETAIL- NER METER PEDESTAL INSTALLATION	SHEET 112	E

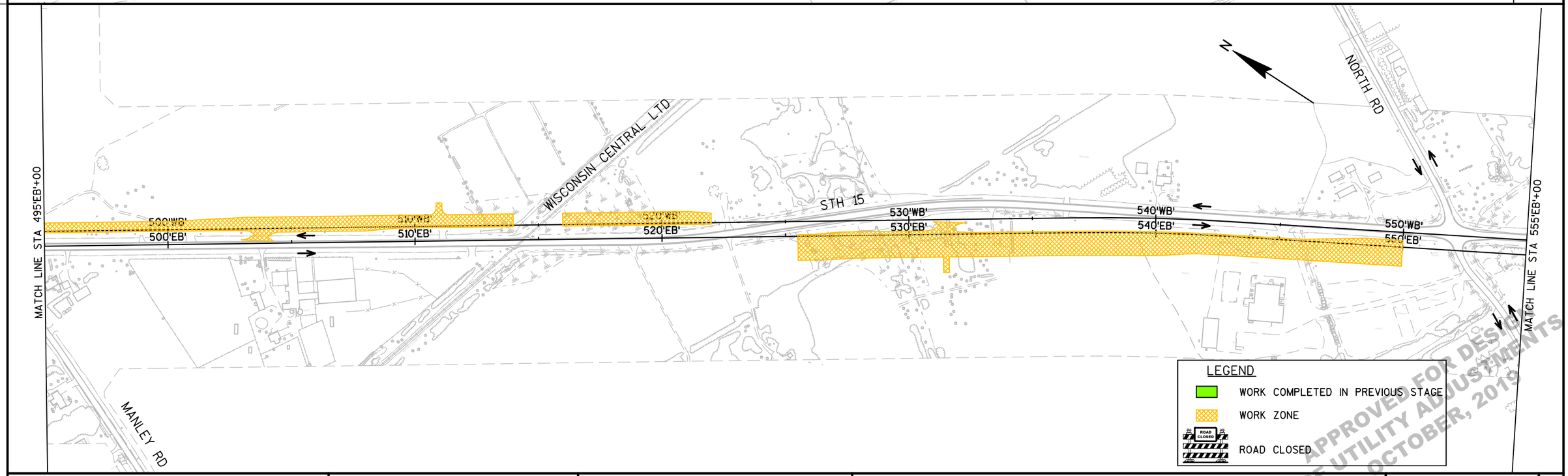
STAGE 1A

MAINTENANCE OF TRAFFIC:
TRAFFIC REMAINS ON EXISTING STH 15.

CONSTRUCTION ACTIVITIES TO BE COMPLETED DURING STAGE 1A (AFTER MAY 15TH):
TEMPORARY WIDENING ON STH 15 WESTBOUND FROM JULIUS DRIVE TO HYACINTH LANE.
TEMPORARY CROSSOVER IN THE MEDIAN EAST OF LILY OF THE VALLEY DRIVE.

CONSTRUCTION ACTIVITIES AVAILABLE FOR WORK:
EARLY GRADING OF STH 15





PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A	SHEET 113

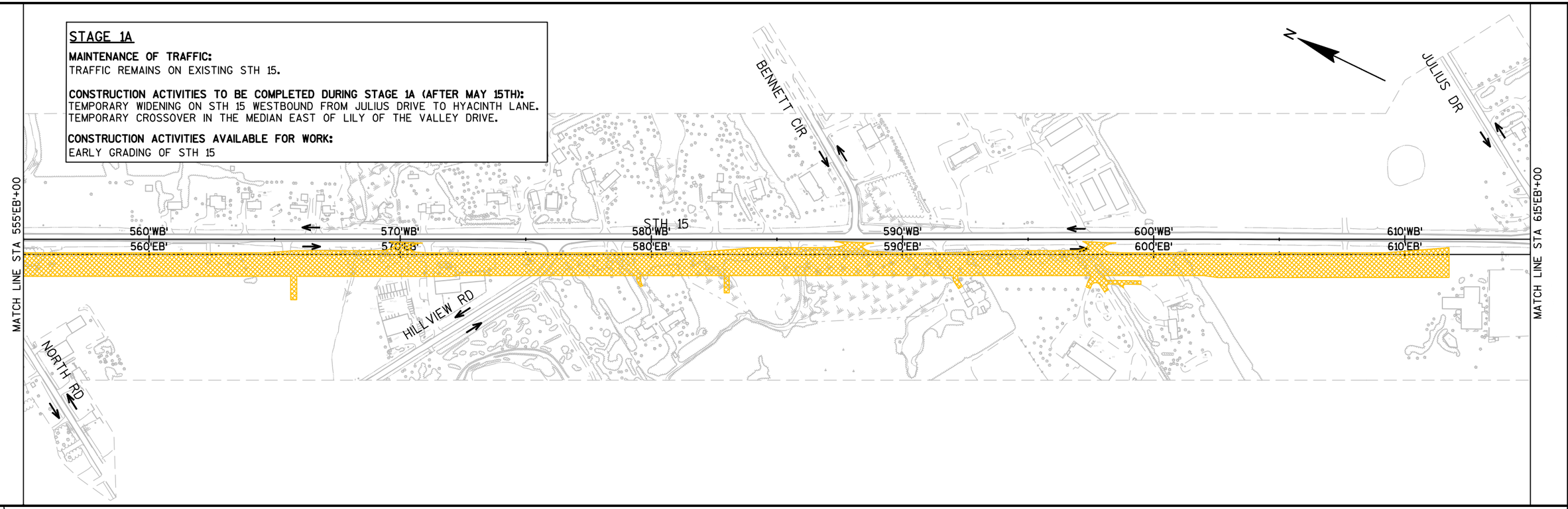
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026001-TC.DWG
LAYOUT NAME - 11467572-026001-TC - 01
PLOT DATE : 9/24/2019 1:27 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

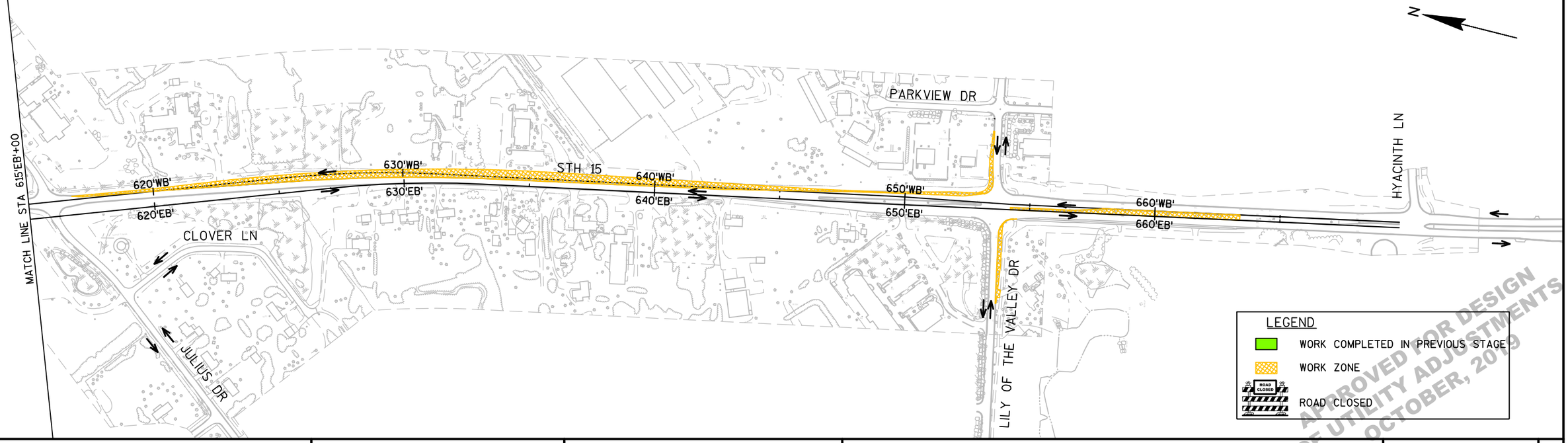
STAGE 1A

MAINTENANCE OF TRAFFIC:
TRAFFIC REMAINS ON EXISTING STH 15.

CONSTRUCTION ACTIVITIES TO BE COMPLETED DURING STAGE 1A (AFTER MAY 15TH):
TEMPORARY WIDENING ON STH 15 WESTBOUND FROM JULIUS DRIVE TO HYACINTH LANE.
TEMPORARY CROSSOVER IN THE MEDIAN EAST OF LILY OF THE VALLEY DRIVE.

CONSTRUCTION ACTIVITIES AVAILABLE FOR WORK:
EARLY GRADING OF STH 15





PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1A	SHEET 114

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026001-TC.DWG
LAYOUT NAME - 11467572-026001-TC - 02
PLOT DATE : 9/24/2019 1:29 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

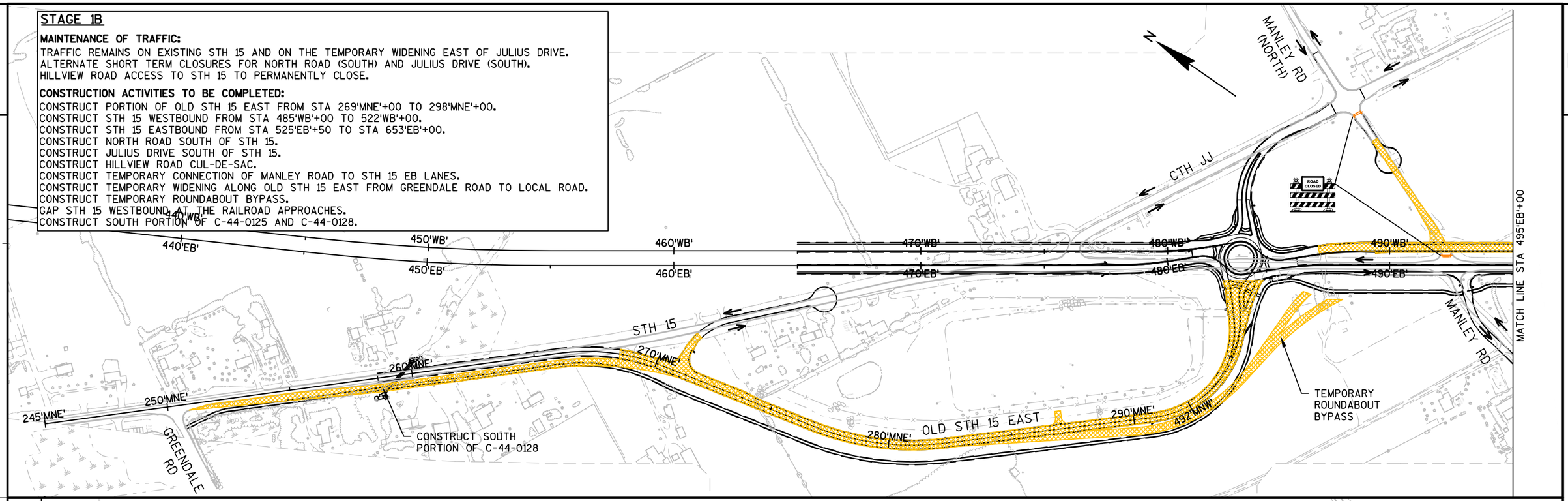
STAGE 1B

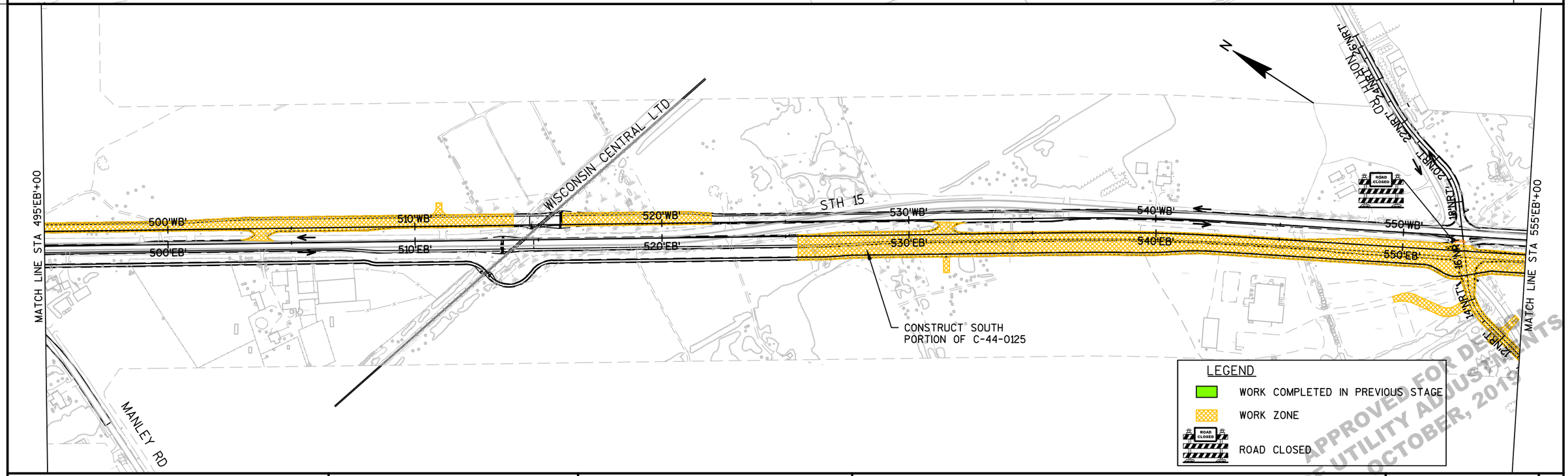
MAINTENANCE OF TRAFFIC:

TRAFFIC REMAINS ON EXISTING STH 15 AND ON THE TEMPORARY WIDENING EAST OF JULIUS DRIVE.
ALTERNATE SHORT TERM CLOSURES FOR NORTH ROAD (SOUTH) AND JULIUS DRIVE (SOUTH).
HILLVIEW ROAD ACCESS TO STH 15 TO PERMANENTLY CLOSE.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:

CONSTRUCT PORTION OF OLD STH 15 EAST FROM STA 269'MNE'+00 TO 298'MNE'+00.
CONSTRUCT STH 15 WESTBOUND FROM STA 485'WB'+00 TO 522'WB'+00.
CONSTRUCT STH 15 EASTBOUND FROM STA 525'EB'+50 TO STA 653'EB'+00.
CONSTRUCT NORTH ROAD SOUTH OF STH 15.
CONSTRUCT JULIUS DRIVE SOUTH OF STH 15.
CONSTRUCT HILLVIEW ROAD CUL-DE-SAC.
CONSTRUCT TEMPORARY CONNECTION OF MANLEY ROAD TO STH 15 EB LANES.
CONSTRUCT TEMPORARY WIDENING ALONG OLD STH 15 EAST FROM GREENDALE ROAD TO LOCAL ROAD.
CONSTRUCT TEMPORARY ROUNDABOUT BYPASS.
GAP STH 15 WESTBOUND AT THE RAILROAD APPROACHES.
CONSTRUCT SOUTH PORTION OF C-44-0125 AND C-44-0128.





PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B	SHEET 115

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026101-TC.DWG
LAYOUT NAME - 11467572-026101-TC - 01
PLOT DATE : 9/24/2019 1:11 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

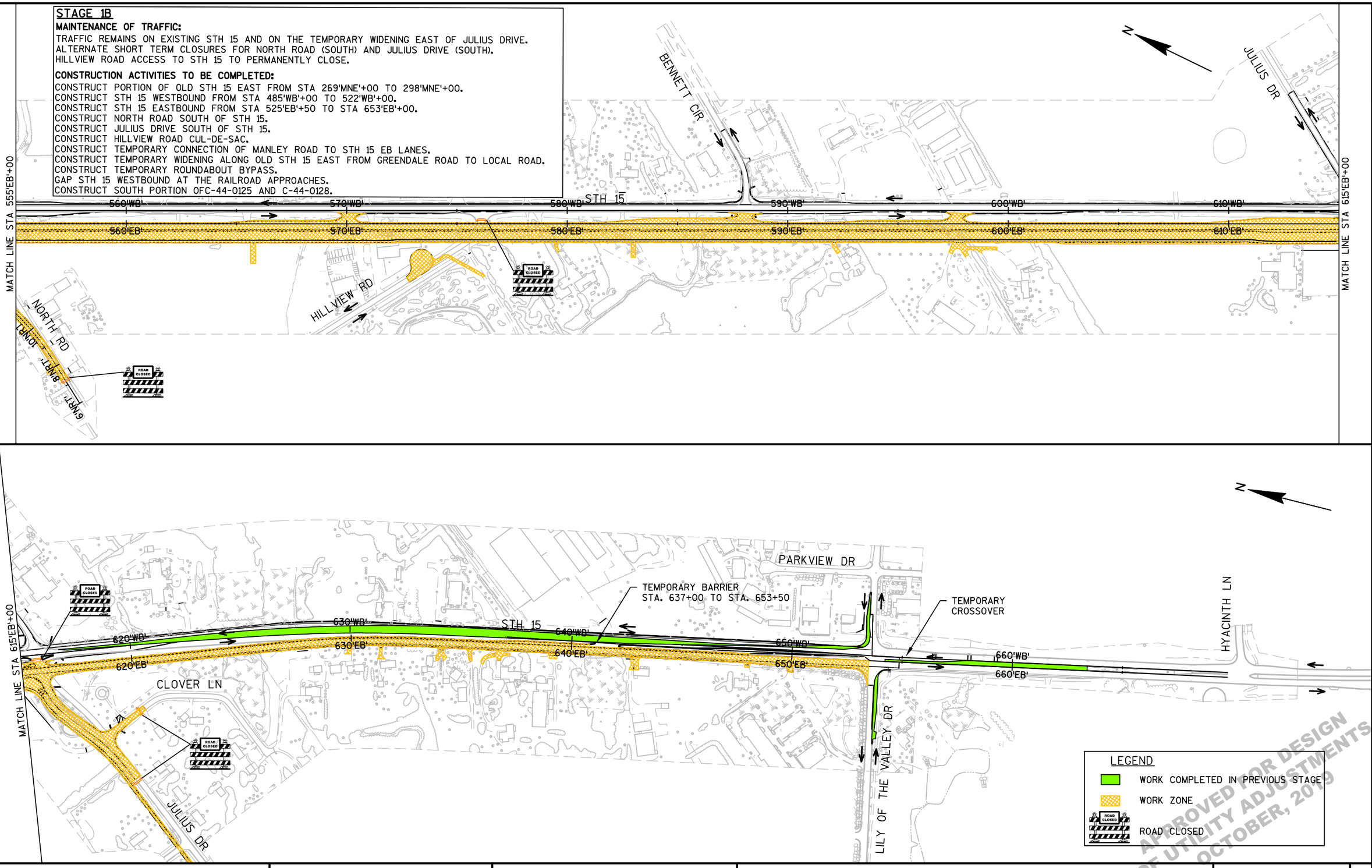
STAGE 1B

MAINTENANCE OF TRAFFIC:

TRAFFIC REMAINS ON EXISTING STH 15 AND ON THE TEMPORARY WIDENING EAST OF JULIUS DRIVE.
ALTERNATE SHORT TERM CLOSURES FOR NORTH ROAD (SOUTH) AND JULIUS DRIVE (SOUTH).
HILLVIEW ROAD ACCESS TO STH 15 TO PERMANENTLY CLOSE.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:

CONSTRUCT PORTION OF OLD STH 15 EAST FROM STA 269'MNE'+00 TO 298'MNE'+00.
CONSTRUCT STH 15 WESTBOUND FROM STA 485'WB'+00 TO 522'WB'+00.
CONSTRUCT STH 15 EASTBOUND FROM STA 525'EB'+50 TO STA 653'EB'+00.
CONSTRUCT NORTH ROAD SOUTH OF STH 15.
CONSTRUCT JULIUS DRIVE SOUTH OF STH 15.
CONSTRUCT HILLVIEW ROAD CUL-DE-SAC.
CONSTRUCT TEMPORARY CONNECTION OF MANLEY ROAD TO STH 15 EB LANES.
CONSTRUCT TEMPORARY WIDENING ALONG OLD STH 15 EAST FROM GREENDALE ROAD TO LOCAL ROAD.
CONSTRUCT TEMPORARY ROUNDABOUT BYPASS.
GAP STH 15 WESTBOUND AT THE RAILROAD APPROACHES.
CONSTRUCT SOUTH PORTION OFC-44-0125 AND C-44-0128.



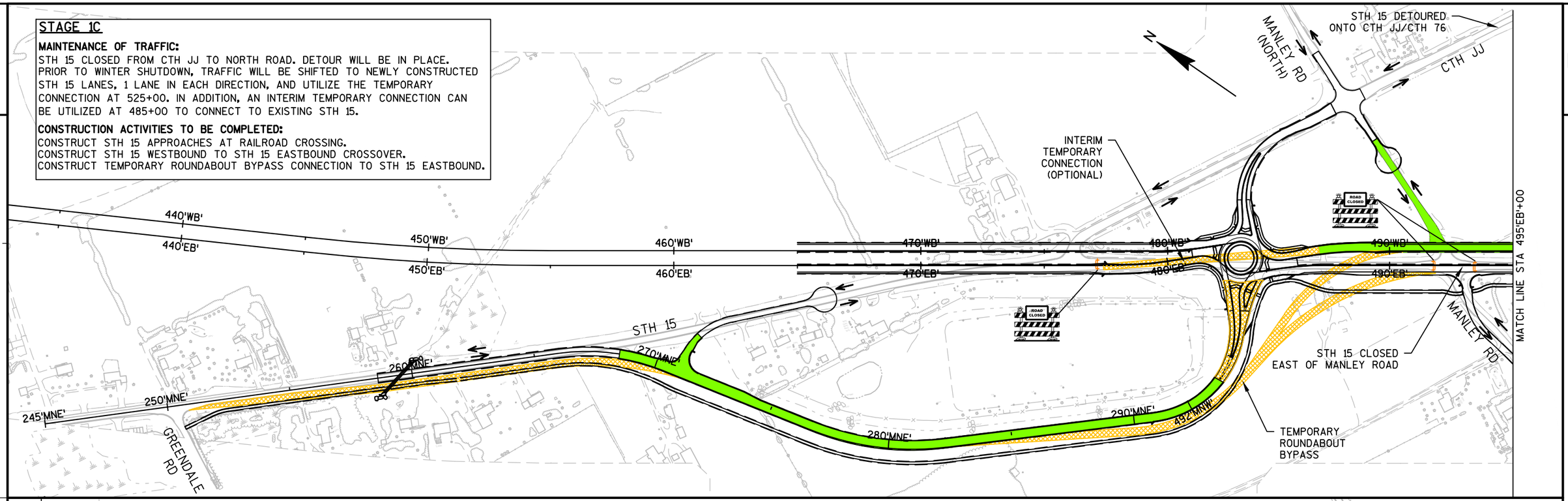
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1B	SHEET 116

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026101-TC.DWG
LAYOUT NAME - 11467572-026101-TC - 02
PLOT DATE : 9/24/2019 1:12 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

STAGE 1C

MAINTENANCE OF TRAFFIC:
STH 15 CLOSED FROM CTH JJ TO NORTH ROAD. DETOUR WILL BE IN PLACE. PRIOR TO WINTER SHUTDOWN, TRAFFIC WILL BE SHIFTED TO NEWLY CONSTRUCTED STH 15 LANES, 1 LANE IN EACH DIRECTION, AND UTILIZE THE TEMPORARY CONNECTION AT 525+00. IN ADDITION, AN INTERIM TEMPORARY CONNECTION CAN BE UTILIZED AT 485+00 TO CONNECT TO EXISTING STH 15.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT STH 15 APPROACHES AT RAILROAD CROSSING.
CONSTRUCT STH 15 WESTBOUND TO STH 15 EASTBOUND CROSSOVER.
CONSTRUCT TEMPORARY ROUNDABOUT BYPASS CONNECTION TO STH 15 EASTBOUND.



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

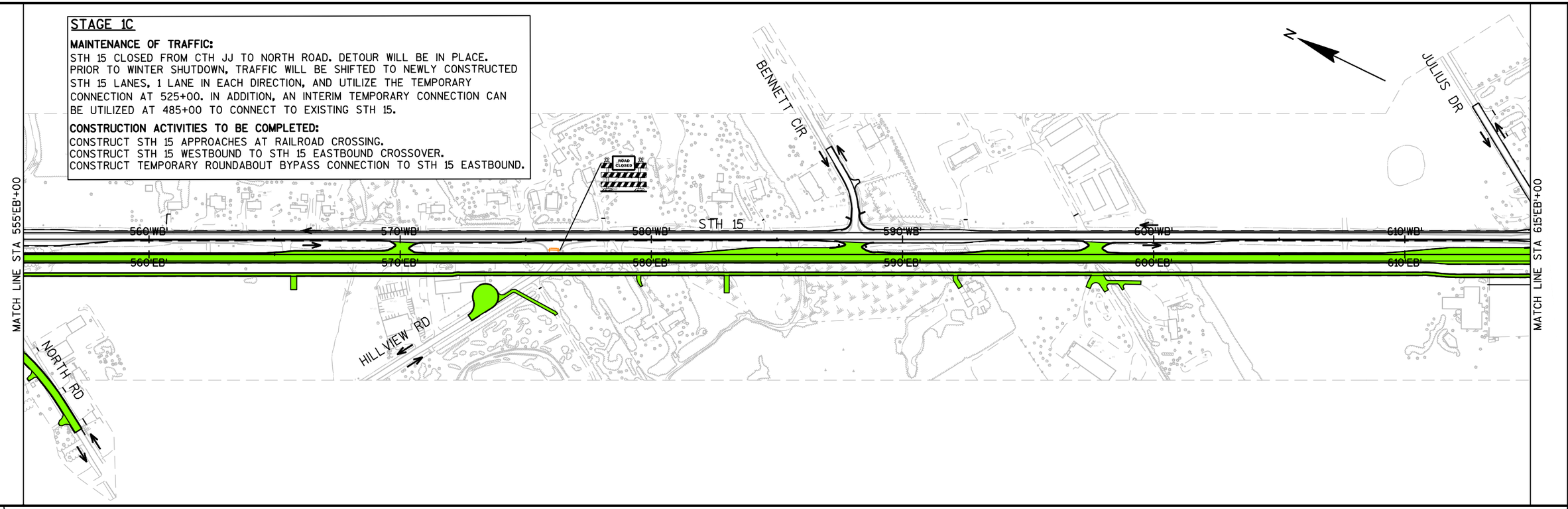
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1C	SHEET 117

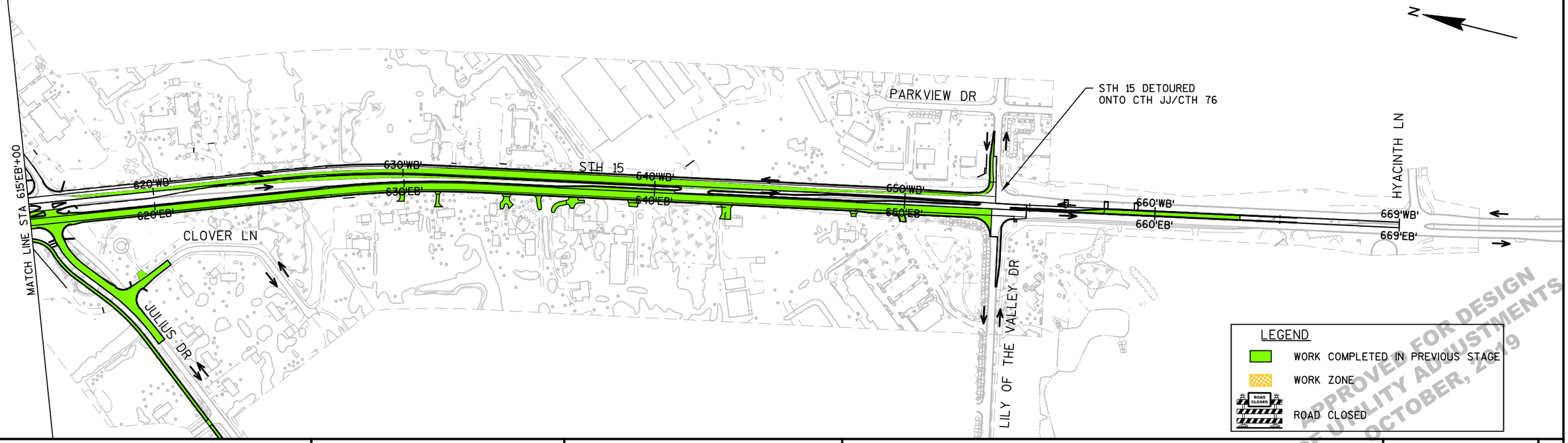
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026201-TC.DWG
LAYOUT NAME - 11467572-026201-TC - 01
PLOT DATE : 9/24/2019 1:33 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

STAGE 1C

MAINTENANCE OF TRAFFIC:
STH 15 CLOSED FROM CTH JJ TO NORTH ROAD. DETOUR WILL BE IN PLACE. PRIOR TO WINTER SHUTDOWN, TRAFFIC WILL BE SHIFTED TO NEWLY CONSTRUCTED STH 15 LANES, 1 LANE IN EACH DIRECTION, AND UTILIZE THE TEMPORARY CONNECTION AT 525+00. IN ADDITION, AN INTERIM TEMPORARY CONNECTION CAN BE UTILIZED AT 485+00 TO CONNECT TO EXISTING STH 15.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT STH 15 APPROACHES AT RAILROAD CROSSING.
CONSTRUCT STH 15 WESTBOUND TO STH 15 EASTBOUND CROSSOVER.
CONSTRUCT TEMPORARY ROUNDABOUT BYPASS CONNECTION TO STH 15 EASTBOUND.





PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 1C	SHEET 118

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026201-TC.DWG
LAYOUT NAME - 11467572-026201-TC - 02
PLOT DATE : 9/24/2019 1:35 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

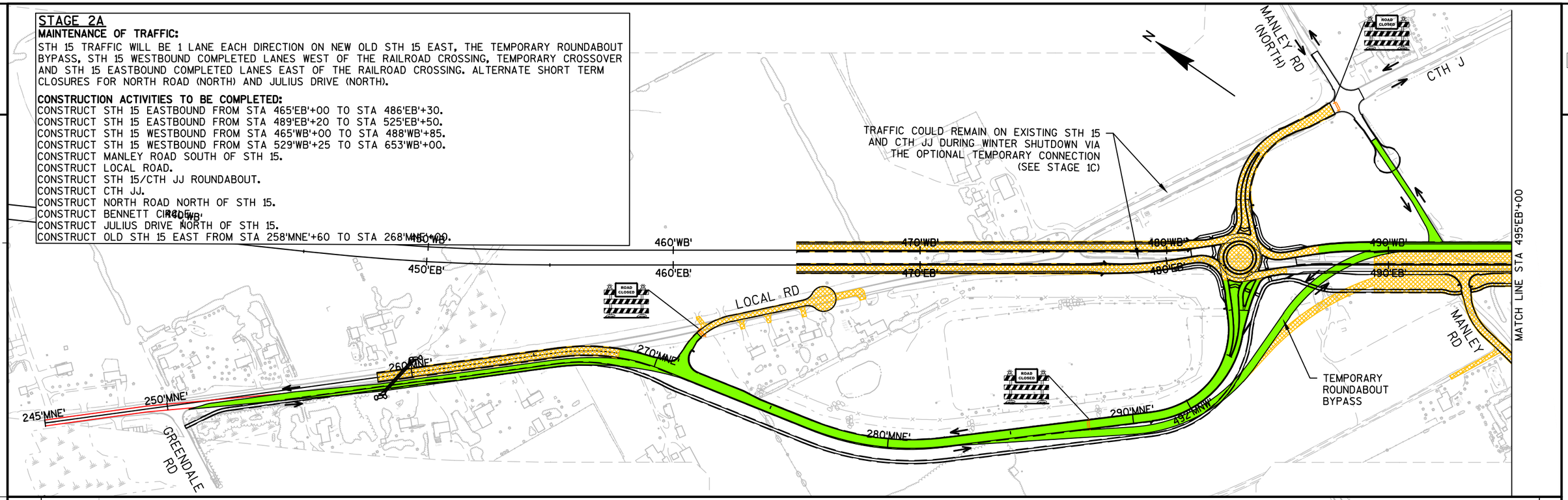
STAGE 2A

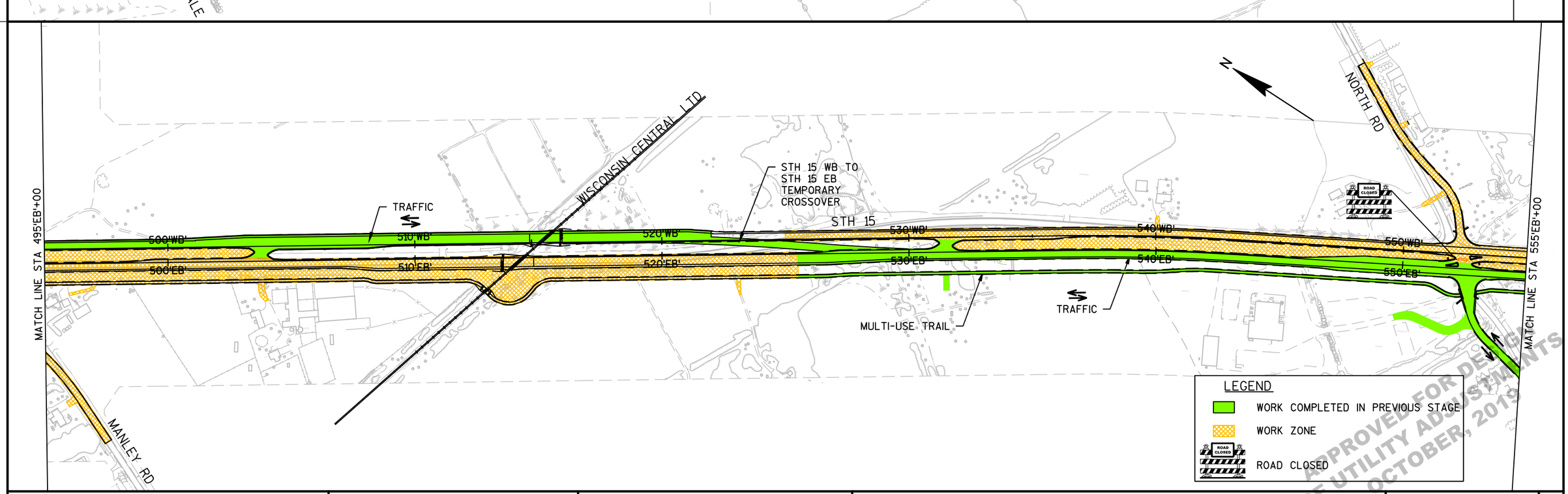
MAINTENANCE OF TRAFFIC:

STH 15 TRAFFIC WILL BE 1 LANE EACH DIRECTION ON NEW OLD STH 15 EAST, THE TEMPORARY ROUNDABOUT BYPASS, STH 15 WESTBOUND COMPLETED LANES WEST OF THE RAILROAD CROSSING, TEMPORARY CROSSOVER AND STH 15 EASTBOUND COMPLETED LANES EAST OF THE RAILROAD CROSSING. ALTERNATE SHORT TERM CLOSURES FOR NORTH ROAD (NORTH) AND JULIUS DRIVE (NORTH).

CONSTRUCTION ACTIVITIES TO BE COMPLETED:

CONSTRUCT STH 15 EASTBOUND FROM STA 465'EB'+00 TO STA 486'EB'+30.
CONSTRUCT STH 15 EASTBOUND FROM STA 489'EB'+20 TO STA 525'EB'+50.
CONSTRUCT STH 15 WESTBOUND FROM STA 465'WB'+00 TO STA 488'WB'+85.
CONSTRUCT STH 15 WESTBOUND FROM STA 529'WB'+25 TO STA 653'WB'+00.
CONSTRUCT MANLEY ROAD SOUTH OF STH 15.
CONSTRUCT LOCAL ROAD.
CONSTRUCT STH 15/CTH JJ ROUNDABOUT.
CONSTRUCT CTH JJ.
CONSTRUCT NORTH ROAD NORTH OF STH 15.
CONSTRUCT BENNETT CIRCLE.
CONSTRUCT JULIUS DRIVE NORTH OF STH 15.
CONSTRUCT OLD STH 15 EAST FROM STA 258'MNE'+60 TO STA 268'MNE'+00.





APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2A	SHEET 119

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026301-TC.DWG
LAYOUT NAME - 11467572-026301-TC - 01
PLOT DATE : 9/24/2019 1:39 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

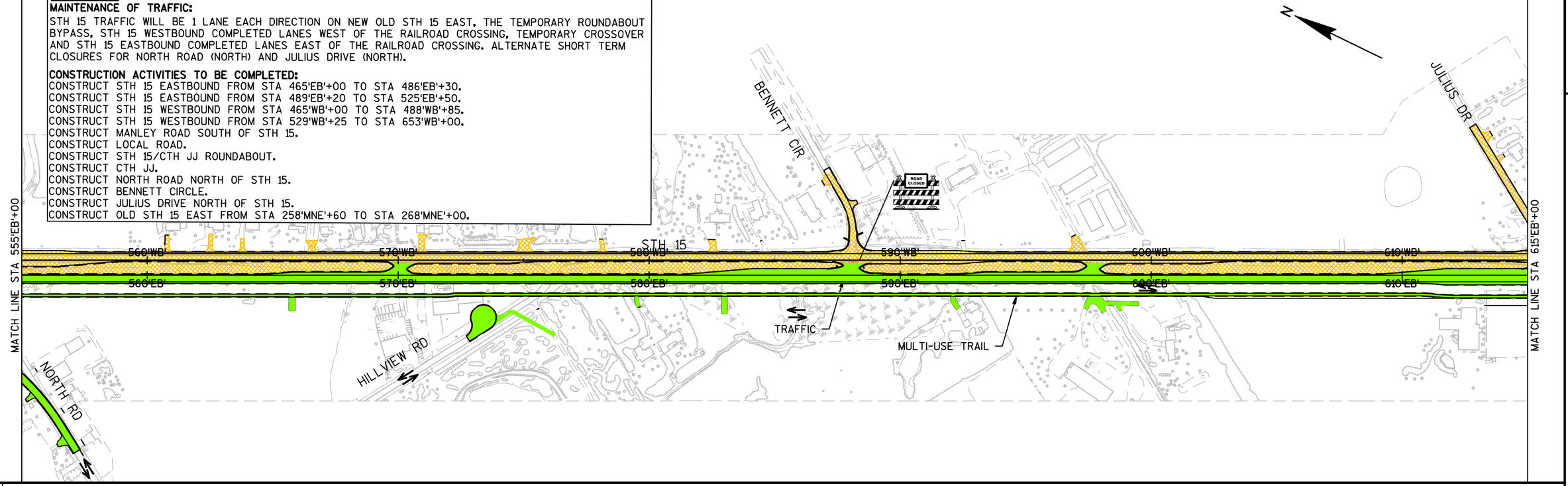
STAGE 2A

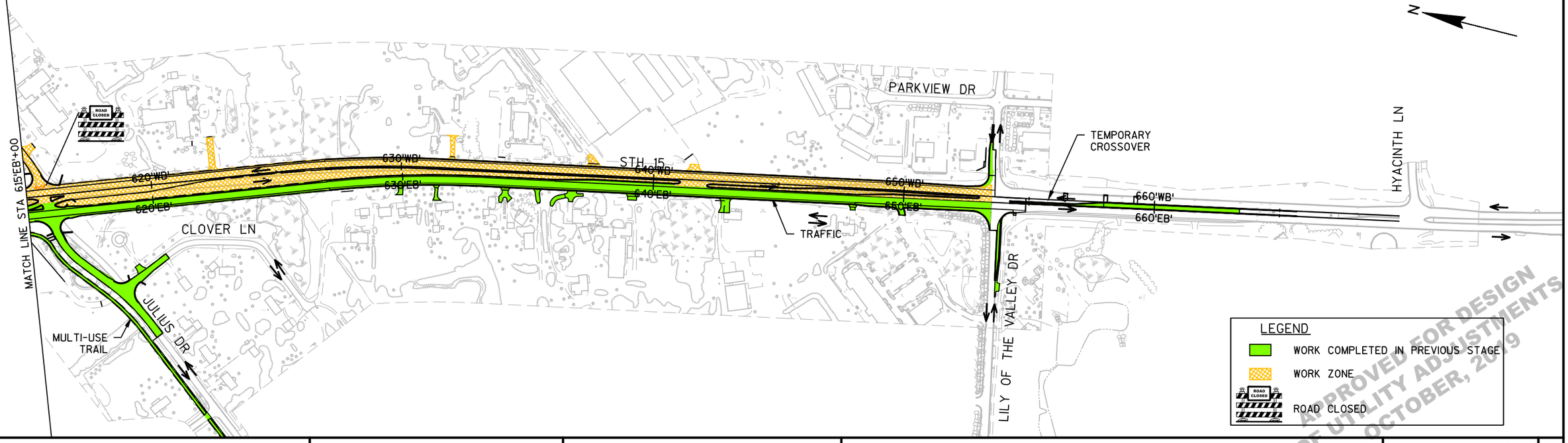
MAINTENANCE OF TRAFFIC:

STH 15 TRAFFIC WILL BE 1 LANE EACH DIRECTION ON NEW OLD STH 15 EAST, THE TEMPORARY ROUNDABOUT BYPASS, STH 15 WESTBOUND COMPLETED LANES WEST OF THE RAILROAD CROSSING, TEMPORARY CROSSOVER AND STH 15 EASTBOUND COMPLETED LANES EAST OF THE RAILROAD CROSSING. ALTERNATE SHORT TERM CLOSURES FOR NORTH ROAD (NORTH) AND JULIUS DRIVE (NORTH).

CONSTRUCTION ACTIVITIES TO BE COMPLETED:

CONSTRUCT STH 15 EASTBOUND FROM STA 465'EB'+00 TO STA 486'EB'+30.
CONSTRUCT STH 15 EASTBOUND FROM STA 489'EB'+20 TO STA 525'EB'+50.
CONSTRUCT STH 15 WESTBOUND FROM STA 465'WB'+00 TO STA 488'WB'+85.
CONSTRUCT STH 15 WESTBOUND FROM STA 529'WB'+25 TO STA 653'WB'+00.
CONSTRUCT MANLEY ROAD SOUTH OF STH 15.
CONSTRUCT LOCAL ROAD.
CONSTRUCT STH 15/CTH JJ ROUNDABOUT.
CONSTRUCT CTH JJ.
CONSTRUCT NORTH ROAD NORTH OF STH 15.
CONSTRUCT BENNETT CIRCLE.
CONSTRUCT JULIUS DRIVE NORTH OF STH 15.
CONSTRUCT OLD STH 15 EAST FROM STA 258'MNE'+60 TO STA 268'MNE'+00.





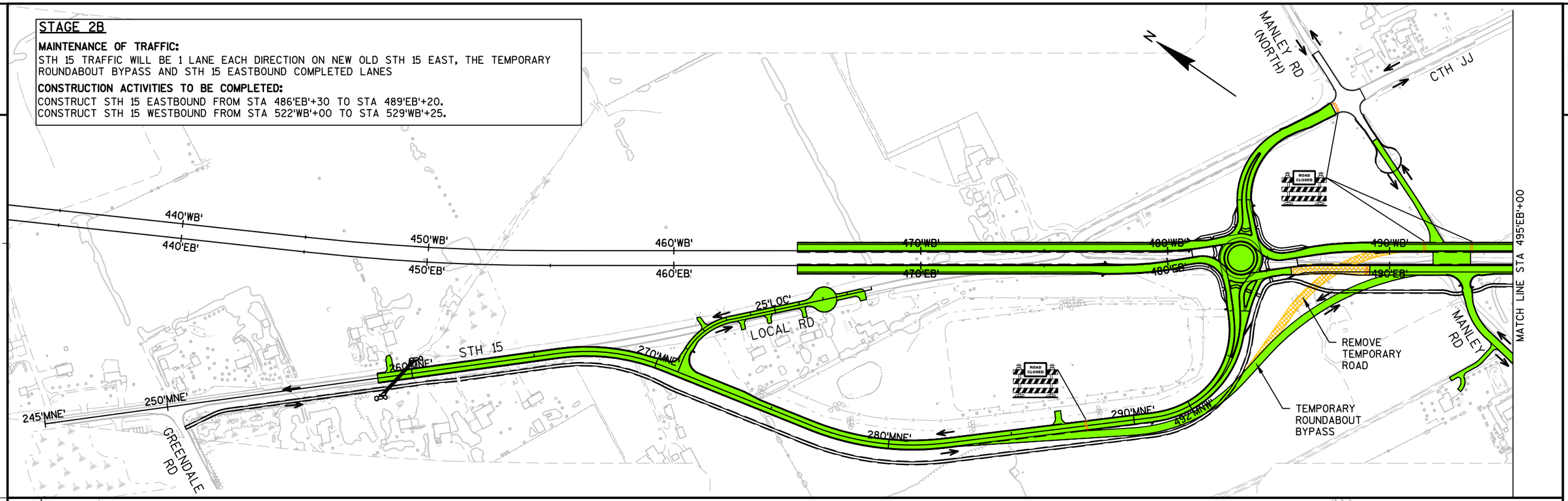
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2A	SHEET 120

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026301-TC.DWG
LAYOUT NAME - 11467572-026301-TC - 02
PLOT DATE : 9/24/2019 1:40 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

STAGE 2B

MAINTENANCE OF TRAFFIC:
STH 15 TRAFFIC WILL BE 1 LANE EACH DIRECTION ON NEW OLD STH 15 EAST, THE TEMPORARY ROUNDABOUT BYPASS AND STH 15 EASTBOUND COMPLETED LANES

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT STH 15 EASTBOUND FROM STA 486'EB'+30 TO STA 489'EB'+20.
CONSTRUCT STH 15 WESTBOUND FROM STA 522'WB'+00 TO STA 529'WB'+25.



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

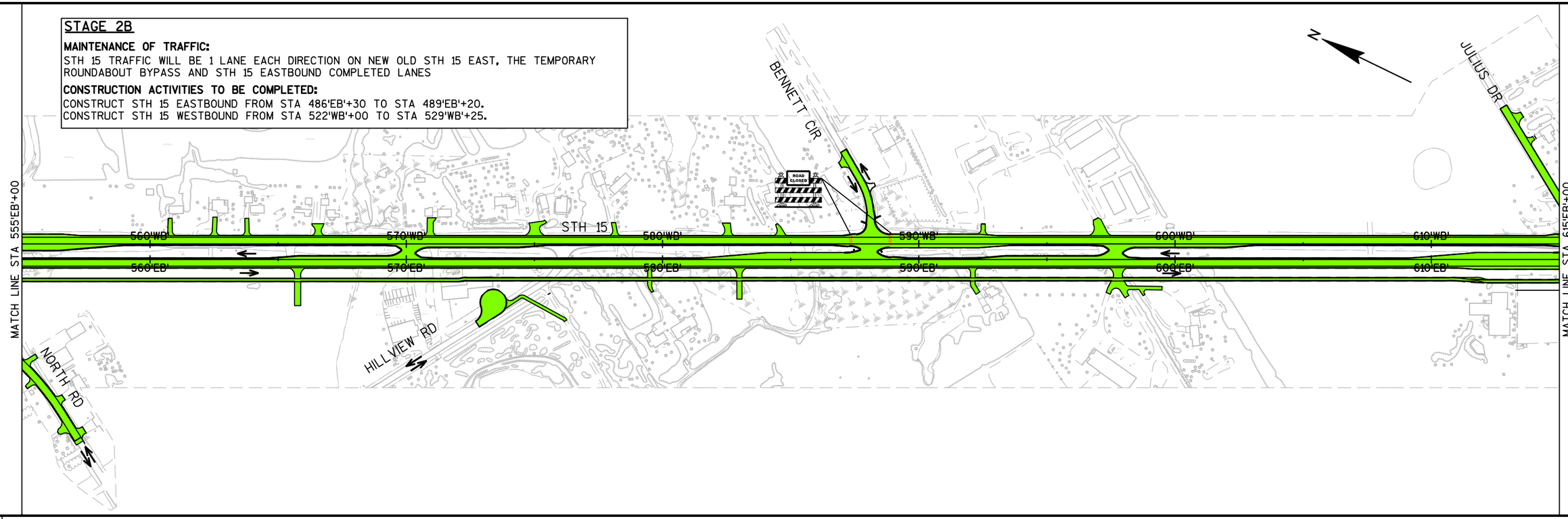
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2B	SHEET 121

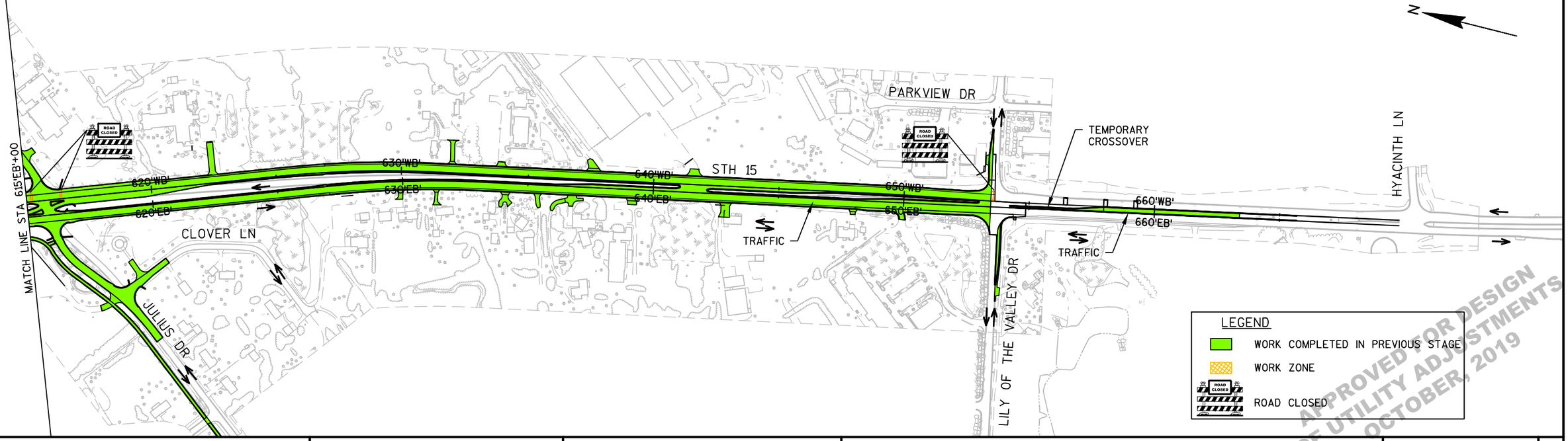
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026401-TC.DWG
LAYOUT NAME - 11467572-026401-TC - 01
PLOT DATE : 9/24/2019 1:45 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

STAGE 2B

MAINTENANCE OF TRAFFIC:
STH 15 TRAFFIC WILL BE 1 LANE EACH DIRECTION ON NEW OLD STH 15 EAST, THE TEMPORARY ROUNDABOUT BYPASS AND STH 15 EASTBOUND COMPLETED LANES

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT STH 15 EASTBOUND FROM STA 486'EB'+30 TO STA 489'EB'+20.
CONSTRUCT STH 15 WESTBOUND FROM STA 522'WB'+00 TO STA 529'WB'+25.





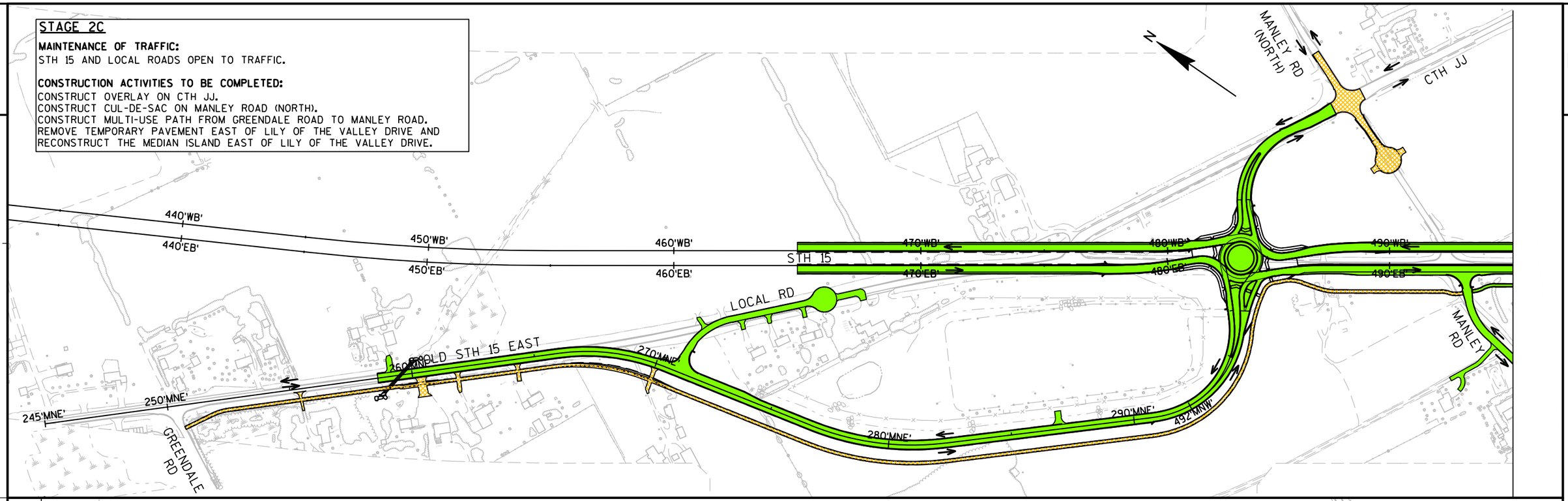
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2B	SHEET 122

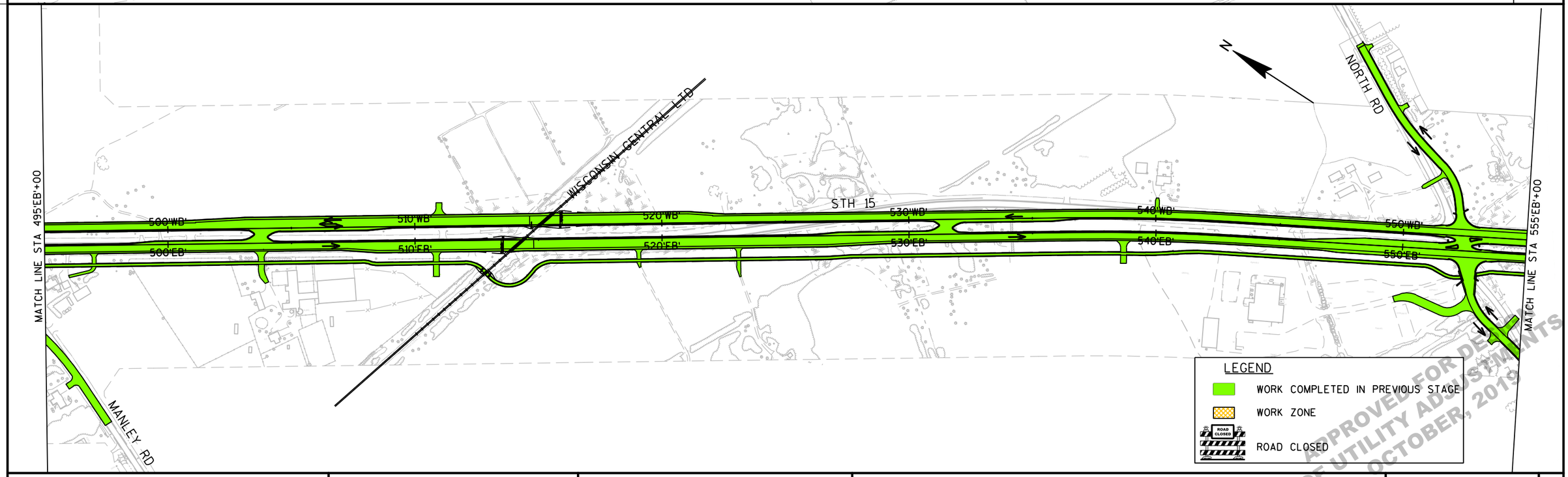
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026401-TC.DWG
LAYOUT NAME - 11467572-026401-TC - 02
PLOT DATE : 9/24/2019 1:46 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

STAGE 2C

MAINTENANCE OF TRAFFIC:
STH 15 AND LOCAL ROADS OPEN TO TRAFFIC.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT OVERLAY ON CTH JJ.
CONSTRUCT CUL-DE-SAC ON MANLEY ROAD (NORTH).
CONSTRUCT MULTI-USE PATH FROM GREENDALE ROAD TO MANLEY ROAD.
REMOVE TEMPORARY PAVEMENT EAST OF LILY OF THE VALLEY DRIVE AND RECONSTRUCT THE MEDIAN ISLAND EAST OF LILY OF THE VALLEY DRIVE.





PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2C	SHEET 123

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026501-TC.DWG
LAYOUT NAME - 11467572-026501-TC - 01
PLOT DATE : 9/24/2019 1:50 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT

STAGE 2C

MAINTENANCE OF TRAFFIC:
STH 15 AND LOCAL ROADS OPEN TO TRAFFIC.

CONSTRUCTION ACTIVITIES TO BE COMPLETED:
CONSTRUCT OVERLAY ON CTH JJ.
CONSTRUCT CUL-DE-SAC ON MANLEY ROAD (NORTH).
CONSTRUCT MULTI-USE PATH FROM GREENDALE ROAD TO MANLEY ROAD.
REMOVE TEMPORARY PAVEMENT EAST OF LILY OF THE VALLEY DRIVE AND RECONSTRUCT THE MEDIAN ISLAND EAST OF LILY OF THE VALLEY DRIVE.



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	TRAFFIC CONTROL - STAGE 2C	SHEET 124

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-026501-TC.DWG
LAYOUT NAME - 11467572-026501-TC - 02
PLOT DATE : 9/24/2019 1:52 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN: 400 FT
WISDOT/CADDS SHEET 44

2

2

JOSSART, JOAN M SURVIVORS TRST

YOUNG, RUTH M

WATTERS, DAVID

N

465'WB'+00
-122.00' LT

3'

R/W

3'

469'WB'+00
-122.00' LT

470'WB'+00
-107.00' LT

EXISTING FENCE
BY OTHERS

MATCH
EXISTING
FENCE

456'WB' 457'WB' 458'WB' 459'WB' 460'WB' 461'WB' 462'WB' 463'WB' 464'WB' 465'WB' 466'WB' 467'WB' 468'WB' 469'WB' 470'WB'

STH 15

456'EB' 457'EB' 458'EB' 459'EB' 460'EB' 461'EB' 462'EB' 463'EB' 464'EB' 465'EB' 466'EB' 467'EB' 468'EB' 469'EB' 470'EB'

465'EB'+06
62.03' RT

465'EB'+03
97.31' RT

MATCH LINE STA 470'EB'+38

461'EB'+15
127.00' RT

460'EB'+10
126.81' RT

3'

461'EB'+40
176.05' RT

3'

28'LCL

27'LCL

LOCAL RD

26'LCL

25'LCL

24'LCL

469'EB'+49
127.00' RT

RJR V

R/W

EXISTING FENCE
BY OTHERS

JOSSART, JOAN M SURVIVORS TRST

SNOWMOBILE TRAIL

R/W

23'LCL

22'LCL

21'LCL

RJR VENTURES LLC

RJR VENTURES LLC

TLE

HOIER, REGINA

STILES, GARY & JANE

JACK, PATRICIA H

R/W

266'MNE' 267'MNE' 268'MNE' 269'MNE' 270'MNE' 271'MNE' 272'MNE' 273'MNE'

961'MUT' 962'MUT' 963'MUT' 964'MUT' 965'MUT' 966'MUT'

MULTI-USE TRAIL

OLD STH 15 EAST

R/W

YOUNG, RUTH M

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	FENCING PLAN	SHEET 125	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027101_FN.DWG
LAYOUT NAME - FP-01

PLOT DATE : 9/17/2019 11:27 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA 470'EB'+38

WATTERS, DAVID

CORN CRIB

WATTERS, DAVID

WOLF RIVER PARTNERS LLC

WOLF RIVER PARTNERS LLC

REMOVE FENCE

CTH JJ

R/W

3'

476'WB'+38
107.00' LT

481'WB'+00
315.41' LT

471'WB' 472'WB' 473'WB' 474'WB' 475'WB' 476'WB' 477'WB' 478'WB' 479'WB' 480'WB' 481'WB' 482'WB' 486'WB'

471'EB' 472'EB' 473'EB' 474'EB' 475'EB' 476'EB' 477'EB' 478'EB' 479'EB' 480'EB' 481'EB' 482'EB' 486'EB' 485'EB'

STH 15

OH STH 15

481'EB'+00
160.69' RT

R/W

RIPRAP

SEPC WSO POST POST

SIGN

JACK, PATRICIA H

JACK, PATRICIA H

JACK, PATRICIA H

CB

CB

502'JJW' 503'JJW' 302'JJE' 303'JJE' 501'JJW' 301'JJE' 500'JJW' 300'JJE' 141'JJR' 148'MNW 298'MNE' 994'MUT' 995'MUT' 497'MNW' 297'MNE' 993'MUT' 496'MNW' 296'MNE' 992'MUT' 495'MNW' 295'MNE' 991'MUT' 494'MNW' 990'MUT'

OLD STH 15 EAST MULTI-USE TRAIL

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	FENCING PLAN	SHEET 126	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027101_FN.DWG
LAYOUT NAME - FP-02

PLOT DATE : 9/17/2019 11:28 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

CURVE 'WB'-1
PI STA = 480'WB'+38.54
Y = 587120.394
X = 776603.723
DELTA = 6°58'04"
D = 5°35'43"
T = 62.34'
L = 124.53'
R = 1024.00'
PC STA = 479'WB'+76.19
Y = 587149.378
X = 776548.528
PT STA = 481'WB'+00.72
Y = 587098.319
X = 776662.026
BK = S62°17'40.7"E
AH = S69°15'44.9"E

CURVE 'WB'-2
PI STA = 481'WB'+14.99
Y = 587093.268
X = 776675.367
DELTA = 1°35'46"
D = 5°35'43"
T = 14.26'
L = 28.53'
R = 1024.00'
PC STA = 481'WB'+00.72
Y = 587098.319
X = 776662.026
PT STA = 481'WB'+29.25
Y = 587088.591
X = 776688.842
BK = S69°15'44.9"E
AH = S70°51'31.2"E

CURVE 'WB'-3
PI STA = 482'WB'+62.76
Y = 587044.814
X = 776814.969
DELTA = 4°48'34"
D = 11°27'33"
T = 21.00'
L = 41.97'
R = 500.00'
PC STA = 482'WB'+41.76
Y = 587051.699
X = 776795.132
PT STA = 482'WB'+83.73
Y = 587039.616
X = 776835.314
BK = S70°51'31.2"E
AH = S75°40'05.6"E

CURVE 'WB'-4
PI STA = 483'WB'+18.28
Y = 587031.065
X = 776868.781
DELTA = 53°51'32"
D = 84°15'31"
T = 34.54'
L = 63.92'
R = 68.00'
PC STA = 482'WB'+83.73
Y = 587039.616
X = 776835.314
PT STA = 483'WB'+47.65
Y = 586998.996
X = 776881.614
BK = S75°40'05.6"E
AH = S21°48'33.5"E

CURVE 'WB'-5
PI STA = 485'WB'+22.70
Y = 586905.325
X = 776919.097
DELTA = 49°22'29"
D = 51°09'25"
T = 51.48'
L = 96.52'
R = 112.00'
PC STA = 484'WB'+71.21
Y = 586953.125
X = 776899.970
PT STA = 485'WB'+67.73
Y = 586888.720
X = 776967.830
BK = S21°48'33.5"E
AH = S71°11'02.5"E

CURVE 'WB'-6
PI STA = 487'WB'+58.52
Y = 586827.186
X = 777148.421
DELTA = 5°49'05"
D = 5°12'31"
T = 55.90'
L = 111.70'
R = 1100.00'
PC STA = 487'WB'+02.62
Y = 586845.214
X = 777095.511
PT STA = 488'WB'+14.32
Y = 586803.886
X = 777199.232
BK = S71°11'02.5"E
AH = S65°21'57.3"E

CURVE 'WB'-7
PI STA = 488'WB'+81.40
Y = 586775.926
X = 777260.207
DELTA = 3°04'26"
D = 2°17'31"
T = 67.08'
L = 134.13'
R = 2500.00'
PC STA = 488'WB'+14.32
Y = 586803.886
X = 777199.232
PT STA = 489'WB'+48.45
Y = 586744.736
X = 777319.595
BK = S65°21'57.3"E
AH = S62°17'30.9"E

CURVE 'EB'-1
PI STA = 478'EB'+14.42
Y = 587171.471
X = 776377.403
DELTA = 3°05'22"
D = 2°17'31"
T = 67.42'
L = 134.80'
R = 2500.00'
PC STA = 477'EB'+47.00
Y = 587202.815
X = 776317.715
PT STA = 478'EB'+81.80
Y = 587143.390
X = 776438.692
BK = S62°17'40.6"E
AH = S65°23'02.5"E

CURVE 'EB'-2
PI STA = 479'EB'+37.22
Y = 587120.306
X = 776489.075
DELTA = 5°46'06"
D = 5°12'31"
T = 55.42'
L = 110.74'
R = 1100.00'
PC STA = 478'EB'+81.80
Y = 587143.390
X = 776438.692
PT STA = 479'EB'+92.54
Y = 587102.403
X = 776541.523
BK = S65°23'02.5"E
AH = S71°09'08.6"E

CURVE 'EB'-3
PI STA = 481'EB'+78.92
Y = 587042.195
X = 776717.903
DELTA = 49°22'29"
D = 51°09'25"
T = 51.48'
L = 96.52'
R = 112.00'
PC STA = 481'EB'+27.43
Y = 587058.827
X = 776669.179
PT STA = 482'EB'+23.95
Y = 586994.385
X = 776737.004
BK = S71°09'08.6"E
AH = S21°46'39.6"E

CURVE 'EB'-4
PI STA = 483'EB'+07.88
Y = 586916.441
X = 776768.144
DELTA = 53°50'17"
D = 84°15'31"
T = 34.53'
L = 63.90'
R = 68.00'
PC STA = 482'EB'+73.36
Y = 586948.504
X = 776755.334
PT STA = 483'EB'+37.25
Y = 586907.864
X = 776801.588
BK = S21°46'39.6"E
AH = S75°36'57.1"E

BEGIN 'WB' CONSTRUCTION
STA 465'WB'+00.00
Y = 587835.70
X = 775241.58

BEGIN 'EB' PROJECT
STA 465'EB'+00.00
Y = 587835.70
X = 775241.58

466'WB' 468'WB' 470'WB' 472'WB' 1476.19' S62° 17' 41"E 474'WB' 476'WB' 478'WB' 480'WB' 482'WB' 484'WB' 486'WB' 488'WB' 490'WB'

STH 15

466'EB' 468'EB' 470'EB' 1247.00' S62° 17' 41"E 472'EB' 474'EB' 476'EB' 478'EB' 480'EB' 482'EB' 484'EB' 486'EB' 488'EB' 490'EB'

R/L STH 15 WB
R/L STH 15 EB

PC: 479'WB'+76.19
CURVE 'WB'-1
PCC: 481'WB'+00.72
CURVE 'WB'-2
PT: 481'WB'+29.25
S70° 51' 31"E 112.51'
PC: 482'WB'+41.76
CURVE 'WB'-3
PRC: 482'WB'+83.73
CURVE 'WB'-4
PT: 483'WB'+47.65
S21° 48' 34"E 49.41'
STA AHD = 484'WB'+71.21
STA BK = 483'WB'+97.06
EQUATION
PC: 484'WB'+71.21
CURVE 'WB'-5
PT: 485'WB'+67.73
S71° 11' 02"E 134.89'
PC: 487'WB'+02.62
CURVE 'WB'-6
PCC: 488'WB'+14.32
CURVE 'WB'-7
PT: 489'WB'+48.45
S62° 17' 31"E 4701.27'

PC: 477'EB'+47.00
CURVE 'EB'-1
PCC: 478'EB'+81.80
CURVE 'EB'-2
PT: 479'EB'+92.54
S71° 09' 09"E 134.89'
PC: 481'EB'+27.43
CURVE 'EB'-3
PT: 482'EB'+23.95
S21° 46' 40"E 49.41'
PC: 482'EB'+73.36
CURVE 'EB'-4
R/L OLD STH 15 EAST WB
PT: 483'EB'+78.86
CURVE 'EB'-5
PRC: 483'EB'+37.25
PC: 485'EB'+68.92
S70° 49' 28"E 104.98'
PI: 484'EB'+63.94
STA AHD = 484'EB'+63.94
STA BK = 483'EB'+89.82
EQUATION
S70° 50' 53"E 10.96'
CURVE 'EB'-6
PT: 487'EB'+21.41
S62° 17' 31"E 4928.30'

R/L CTH JJ EB
R/L CTH JJ WB
CTH JJ
R/L MANLEY RD (NORTH)
MANLEY RD (NORTH)
504'JJW'
304'JJE'
502'JJW'
302'JJE'
306'JJE'
310'JJE'
308'JJE'
18'NNW'
16'NNW'
14'NNW'
12'JJR'
14'JJR'
382'JJE'
MATCH LINE STA 491'EB'+00

494'MUT' 996'MUT' 998'MUT' 100
298'MNW' 496'MNW' 294'MNE' 992'MUT' 494'MNW' 294'MNE' 990'MUT' 988'MUT' 986'MUT' 984'MUT' 982'MUT' 980'MUT' 978'MUT' 976'MUT' 974'MUT' 972'MUT' 970'MUT' 968'MUT' 966'MUT' 272'MNE' 274'MNE' 276'MNE' 278'MNE' 280'MNE' 282'MNE' 284'MNE' 288'MNE' 290'MNE' 292'MNE'

OLD STH 15 EAST

R/L OLD STH 15 EAST EB
R/L MULTI-USE TRAIL ALONG OLD STH 15 EAST
MULTI-USE TRAIL

PT: 23'LCL'+19.78
22'LCL'
CURVE 'LCL'-1
24'LCL'
LOCAL RD
26'LCL'
580.22'
S74° 15' 45"E
28'LCL'
R/L LOCAL RD

END 'LCL' ALIGNMENT
STA 29'LCL'+00.00
Y = 587556.72
X = 775435.01

PC: 20'LCL'+50.14
N49° 33' 31"E 50.14'
STA 20+00.00 'LCL'= STA 270+94.76 'MNE'
EQUATION
BEGIN 'LCL' ALIGNMENT
STA 20'LCL'+00.00
Y = 587626.17
X = 774585.40

CURVE 'LCL'-1
PI STA = 21'LCL'+96.91
Y = 587753.901
X = 774735.267
DELTA = 56°10'44"
D = 20°50'05"
T = 146.77'
L = 269.64'
R = 275.00'
PC STA = 20'LCL'+50.14
Y = 587658.695
X = 774623.564
PT STA = 23'LCL'+19.78
Y = 587714.093
X = 774876.536
BK = N49°33'31.2"E
AH = S74°15'45.2"E

*FOR CURVES EB-3, EB-4, EB-5, EB-6 AND CURVES WB-2, WB-3, WB-4, WB-5, WB-6, WB-7 REFER TO THE PAVEMENT GRADES DETAIL FOR SUPERELEVATION TRANSITIONS

STA AHD = 966'MUT'+00.00
STA BK = 966'MUT'+03.16
EQUATION

CURVE 'EB'-5
PI STA = 483'EB'+58.07
Y = 586902.693
X = 776821.751
DELTA = 4°46'04"
D = 11°27'33"
T = 20.81'
L = 41.61'
R = 500.00'
PC STA = 483'EB'+37.25
Y = 586907.864
X = 776801.588
PT STA = 483'EB'+78.86
Y = 586895.864
X = 776841.414
BK = S75°36'57.1"E
AH = S70°50'53.5"E

CURVE 'EB'-6
PI STA = 486'EB'+45.31
Y = 586832.697
X = 777023.070
DELTA = 8°31'57"
D = 5°35'43"
T = 76.39'
L = 152.50'
R = 1024.00'
PC STA = 485'EB'+68.92
Y = 586857.788
X = 776950.919
PT STA = 487'EB'+21.41
Y = 586797.178
X = 777090.700
BK = S70°49'28.2"E
AH = S62°17'30.9"E

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 127	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027201-AD.DWG
LAYOUT NAME - ALI-01
PLOT DATE : 9/24/2019 2:14 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

CURVE 'MUT'-11
PI STA = 1002'MUT'+10.22
Y = 586415.174
X = 777614.568
DELTA = 17°32'23"
D = 57°17'45"
T = 15.43'
L = 30.61'
R = 100.00'
PC STA = 1001'MUT'+94.79
Y = 586419.862
X = 777599.870
PT STA = 1002'MUT'+25.41
Y = 586415.134
X = 777629.995
BK = S72°18'36.5"E
AH = S89°50'59.6"E

CURVE 'MUT'-12
PI STA = 1002'MUT'+52.38
Y = 586415.063
X = 777656.971
DELTA = 27°33'29"
D = 52°05'13"
T = 26.98'
L = 52.91'
R = 110.00'
PC STA = 1002'MUT'+25.41
Y = 586415.134
X = 777629.995
PT STA = 1002'MUT'+78.31
Y = 586402.520
X = 777680.853
BK = S89°50'59.6"E
AH = S62°17'30.9"E

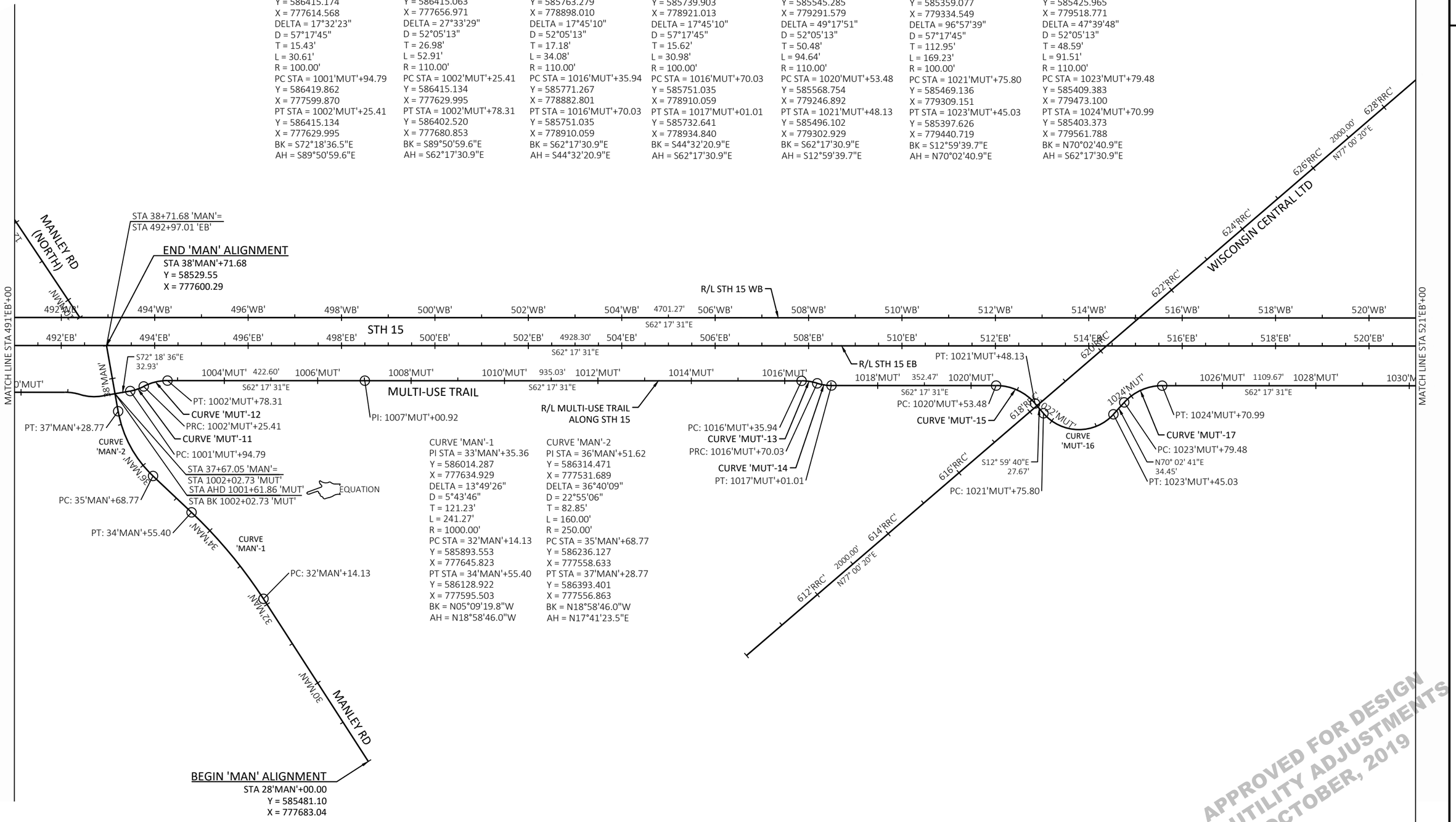
CURVE 'MUT'-13
PI STA = 1016'MUT'+53.12
Y = 585763.279
X = 778898.010
DELTA = 17°45'10"
D = 52°05'13"
T = 17.18'
L = 34.08'
R = 110.00'
PC STA = 1016'MUT'+35.94
Y = 585771.267
X = 778882.801
PT STA = 1016'MUT'+70.03
Y = 585751.035
X = 778910.059
BK = S62°17'30.9"E
AH = S44°32'20.9"E

CURVE 'MUT'-14
PI STA = 1016'MUT'+85.64
Y = 585739.903
X = 778921.013
DELTA = 17°45'10"
D = 57°17'45"
T = 15.62'
L = 30.98'
R = 100.00'
PC STA = 1016'MUT'+70.03
Y = 585751.035
X = 778910.059
PT STA = 1017'MUT'+01.01
Y = 585732.641
X = 778934.840
BK = S44°32'20.9"E
AH = S62°17'30.9"E

CURVE 'MUT'-15
PI STA = 1021'MUT'+03.96
Y = 585545.285
X = 779291.579
DELTA = 49°17'51"
D = 52°05'13"
T = 50.48'
L = 94.64'
R = 110.00'
PC STA = 1020'MUT'+53.48
Y = 585568.754
X = 779246.892
PT STA = 1021'MUT'+48.13
Y = 585496.102
X = 779302.929
BK = S62°17'30.9"E
AH = S12°59'39.7"E

CURVE 'MUT'-16
PI STA = 1022'MUT'+88.75
Y = 585359.077
X = 779334.549
DELTA = 96°57'39"
D = 57°17'45"
T = 112.95'
L = 169.23'
R = 100.00'
PC STA = 1021'MUT'+75.80
Y = 585469.136
X = 779309.151
PT STA = 1023'MUT'+45.03
Y = 585397.626
X = 779440.719
BK = S12°59'39.7"E
AH = N70°02'40.9"E

CURVE 'MUT'-17
PI STA = 1024'MUT'+28.07
Y = 585425.965
X = 779518.771
DELTA = 47°39'48"
D = 52°05'13"
T = 48.59'
L = 91.51'
R = 110.00'
PC STA = 1023'MUT'+79.48
Y = 585409.383
X = 779473.100
PT STA = 1024'MUT'+70.99
Y = 585403.373
X = 779561.788
BK = N70°02'40.9"E
AH = S62°17'30.9"E



CURVE 'MAN'-1
PI STA = 33'MAN'+35.36
Y = 586014.287
X = 777634.929
DELTA = 13°49'26"
D = 5°43'46"
T = 121.23'
L = 241.27'
R = 1000.00'
PC STA = 32'MAN'+14.13
Y = 585893.553
X = 777645.823
PT STA = 34'MAN'+55.40
Y = 586128.922
X = 777595.503
BK = N05°09'19.8"W
AH = N18°58'46.0"W

CURVE 'MAN'-2
PI STA = 36'MAN'+51.62
Y = 586314.471
X = 777531.689
DELTA = 36°40'09"
D = 22°55'06"
T = 82.85'
L = 160.00'
R = 250.00'
PC STA = 35'MAN'+68.77
Y = 586236.127
X = 777558.633
PT STA = 37'MAN'+28.77
Y = 586393.401
X = 777556.863
BK = N18°58'46.0"W
AH = N17°41'23.5"E

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 128	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027201-AD.DWG
LAYOUT NAME - ALI-02
PLOT DATE : 9/24/2019 2:14 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

NORTH RD

24'NRT'

22'NRT'

CURVE 'EB'-7
PI STA = 539'EB'+87.84
Y = 584348.464
X = 781753.215
DELTA = 4°19'55"
D = 0°38'27"
T = 338.12'
L = 675.92'
R = 8940.00'
PC STA = 536'EB'+49.72
Y = 584505.679
X = 781453.866
PT STA = 543'EB'+25.64
Y = 584169.086
X = 782039.834
BK = S62°17'30.9"E
AH = S57°57'35.9"E

CURVE 'WB'-7
PI STA = 539'WB'+90.11
Y = 584400.529
X = 781783.121
DELTA = 4°19'55"
D = 0°38'12"
T = 340.39'
L = 680.46'
R = 9000.00'
PC STA = 536'WB'+49.72
Y = 584558.800
X = 781481.763
PT STA = 543'WB'+25.64
Y = 584219.947
X = 782071.663
BK = S62°17'30.9"E
AH = S57°57'35.9"E

EQUATION
STA AHD = 543'WB'+25.64
STA BK = 543'WB'+30.18

R/L STH 15 WB
CURVE 'WB'-7
PC: 536'WB'+49.72
PT: 543'WB'+25.64

522'WB' 524'WB' 526'WB' 528'WB' 530'WB' 532'WB' 534'WB' 536'WB' 538'WB' 540'WB' 542'WB' 544'WB' 546'WB' 548'WB' 550'WB'

4701.27'
S62° 17' 31"E

STH 15

522'EB' 524'EB' 526'EB' 528'EB' 530'EB' 532'EB' 534'EB' 536'EB' 538'EB' 540'EB' 542'EB' 544'EB' 546'EB' 548'EB' 550'EB'

R/L STH 15 EB
PC: 536'EB'+49.72
PT: 543'EB'+25.64

MATCH LINE STA 521'EB'+00

1032'MUT' 1034'MUT' 1036'MUT' 1038'MUT' 1040'MUT' 1042'MUT' 1044'MUT' 1046'MUT' 1048'MUT' 1050'MUT' 1052'MUT' 1054'MUT' 1056'MUT' 1058'MUT'

1109.67'
S62° 17' 31"E

533.12'
S62° 17' 31"E

349.72'
S62° 17' 31"E

MULTI-USE TRAIL

PT: 1051'MUT'+35.31
CURVE 'MUT'-20
PRC: 1049'MUT'+82.67
CURVE 'MUT'-19
PRC: 1048'MUT'+70.95

PI: 1036'MUT'+80.78
S65° 09' 16"E
100.12'
PI: 1035'MUT'+80.65

R/L MULTI-USE TRAIL ALONG STH 15
PC: 1045'MUT'+63.62
CURVE 'EB'-7
CURVE 'MUT'-18

PI: 1042'MUT'+13.90

MATCH LINE STA 550'EB'+50

CURVE 'MUT'-18
PI STA = 1047'MUT'+17.30
Y = 584363.397
X = 781552.725
DELTA = 1°59'15"
D = 0°38'48"
T = 153.68'
L = 307.33'
R = 8860.00'
PC STA = 1045'MUT'+63.62
Y = 584434.853
X = 781416.669
PRC STA = 1048'MUT'+70.95
Y = 584287.266
X = 781686.222
BK = S62°17'30.9"E
AH = S60°18'16.2"E

CURVE 'MUT'-19
PI STA = 1049'MUT'+26.86
Y = 584259.565
X = 781734.796
DELTA = 6°24'04"
D = 5°43'46"
T = 55.92'
L = 111.72'
R = 1000.00'
PRC STA = 1048'MUT'+70.95
Y = 584287.266
X = 781686.222
PRC STA = 1049'MUT'+82.67
Y = 584237.451
X = 781786.156
BK = S60°18'16.2"E
AH = S66°42'20.1"E

CURVE 'MUT'-20
PI STA = 1050'MUT'+59.13
Y = 584207.212
X = 781856.391
DELTA = 8°44'44"
D = 5°43'46"
T = 76.47'
L = 152.64'
R = 1000.00'
PRC STA = 1049'MUT'+82.67
Y = 584237.451
X = 781786.156
PT STA = 1051'MUT'+35.31
Y = 584166.644
X = 781921.212
BK = S66°42'20.1"E
AH = S57°57'35.9"E

CURVE 'MUT'-21
PI STA = 1060'MUT'+22.53
Y = 583695.961
X = 782673.293
DELTA = 26°30'40"
D = 52°05'13"
T = 25.91'
L = 50.90'
R = 110.00'
PC STA = 1059'MUT'+96.62
Y = 583709.708
X = 782651.328
PT STA = 1060'MUT'+47.52
Y = 583673.855
X = 782686.813
BK = S57°57'35.9"E
AH = S31°26'56.3"E

CURVE 'MUT'-22
PI STA = 1061'MUT'+24.36
Y = 583608.296
X = 782726.907
DELTA = 39°23'58"
D = 57°17'45"
T = 35.80'
L = 68.77'
R = 100.00'
PC STA = 1060'MUT'+88.56
Y = 583638.841
X = 782708.226
PT STA = 1061'MUT'+57.32
Y = 583596.550
X = 782760.730
BK = S31°26'56.3"E
AH = S70°50'54.5"E

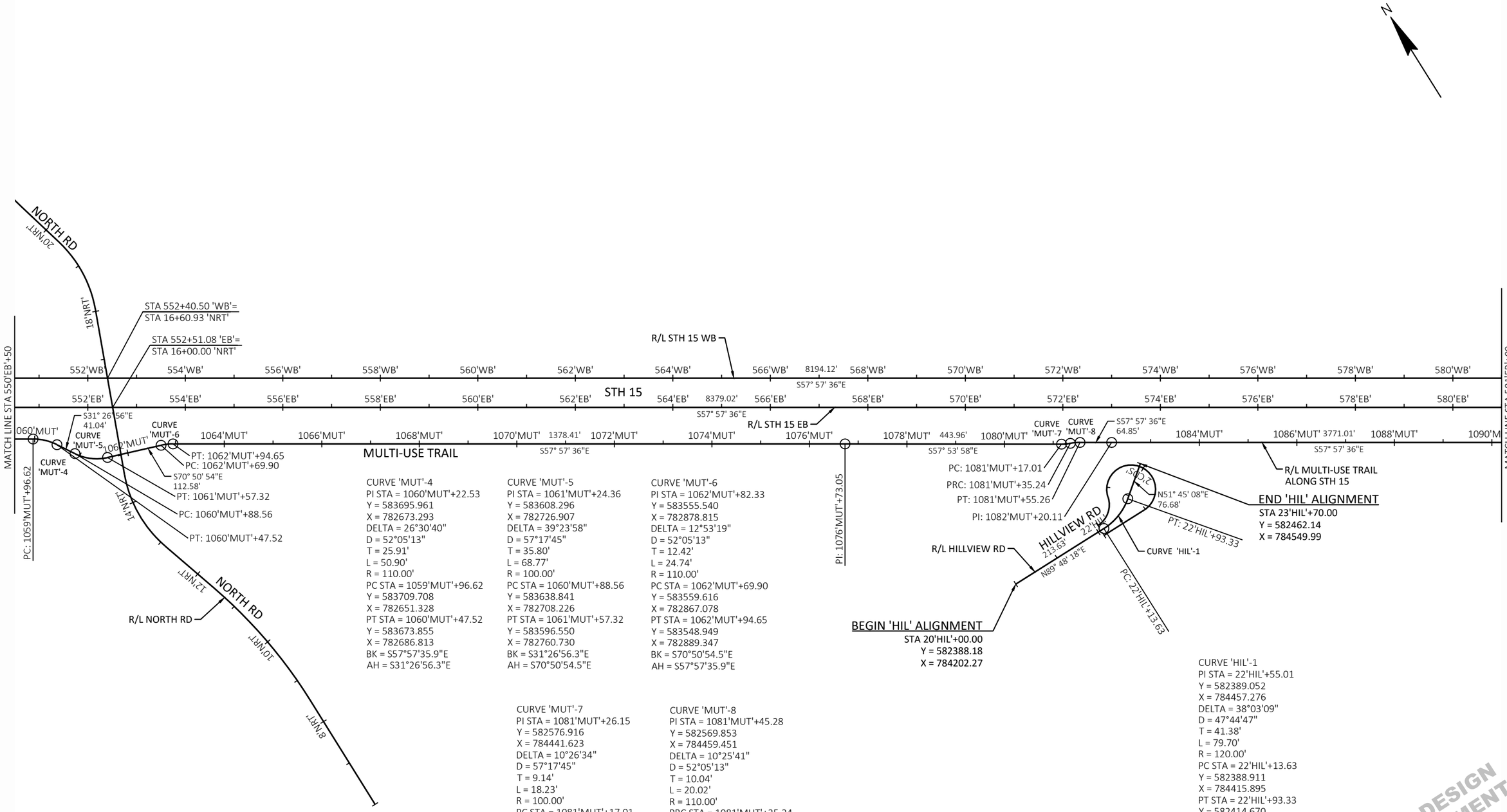
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 129	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027201-AD.DWG
LAYOUT NAME - ALI-03

PLOT DATE : 8/22/2019 10:22 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



CURVE 'MUT'-4
PI STA = 1060'MUT'+22.53
Y = 583695.961
X = 782673.293
DELTA = 26°30'40"
D = 52°05'13"
T = 25.91'
L = 50.90'
R = 110.00'
PC STA = 1059'MUT'+96.62
Y = 583709.708
X = 782651.328
PT STA = 1060'MUT'+47.52
Y = 583673.855
X = 782686.813
BK = S57°57'35.9"E
AH = S31°26'56.3"E

CURVE 'MUT'-5
PI STA = 1061'MUT'+24.36
Y = 583608.296
X = 782726.907
DELTA = 39°23'58"
D = 57°17'45"
T = 35.80'
L = 68.77'
R = 100.00'
PC STA = 1060'MUT'+88.56
Y = 583638.841
X = 782708.226
PT STA = 1061'MUT'+57.32
Y = 583596.550
X = 782760.730
BK = S31°26'56.3"E
AH = S70°50'54.5"E

CURVE 'MUT'-6
PI STA = 1062'MUT'+82.33
Y = 583555.540
X = 782878.815
DELTA = 12°53'19"
D = 52°05'13"
T = 12.42'
L = 24.74'
R = 110.00'
PC STA = 1062'MUT'+69.90
Y = 583559.616
X = 782867.078
PT STA = 1062'MUT'+94.65
Y = 583548.949
X = 782889.347
BK = S70°50'54.5"E
AH = S57°57'35.9"E

CURVE 'MUT'-7
PI STA = 1081'MUT'+26.15
Y = 582576.916
X = 784441.623
DELTA = 10°26'34"
D = 57°17'45"
T = 9.14'
L = 18.23'
R = 100.00'
PC STA = 1081'MUT'+17.01
Y = 582581.766
X = 784433.877
PRC STA = 1081'MUT'+35.24
Y = 582573.550
X = 784450.119
BK = S57°56'42.9"E
AH = S68°23'17.0"E

CURVE 'MUT'-8
PI STA = 1081'MUT'+45.28
Y = 582569.853
X = 784459.451
DELTA = 10°25'41"
D = 52°05'13"
T = 10.04'
L = 20.02'
R = 110.00'
PRC STA = 1081'MUT'+35.24
Y = 582573.550
X = 784450.119
PT STA = 1081'MUT'+55.26
Y = 582564.527
X = 784467.960
BK = S68°23'17.0"E
AH = S57°57'35.9"E

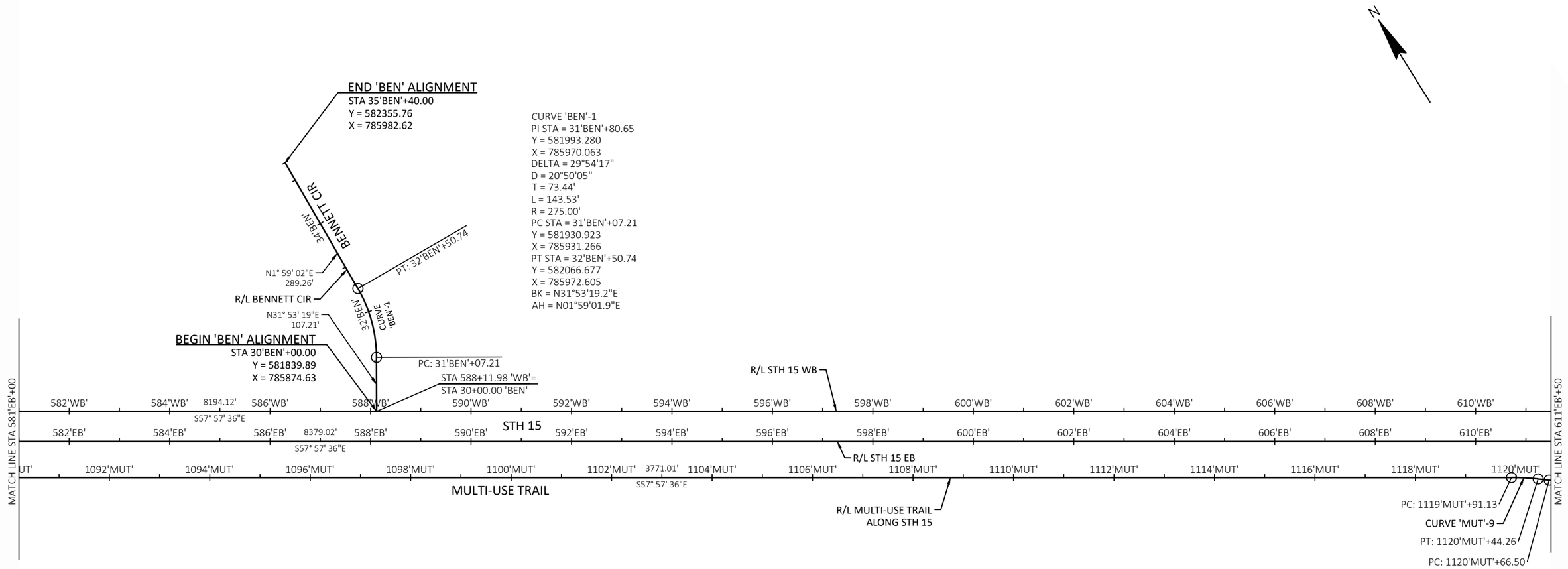
CURVE 'HIL'-1
PI STA = 22'HIL'+55.01
Y = 582389.052
X = 784457.276
DELTA = 38°03'09"
D = 47°44'47"
T = 41.38'
L = 79.70'
R = 120.00'
PC STA = 22'HIL'+13.63
Y = 582388.911
X = 784415.895
PT STA = 22'HIL'+93.33
Y = 582414.670
X = 784489.774
BK = N89°48'17.7"E
AH = N51°45'08.3"E

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 130	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027202-AD.DWG
LAYOUT NAME - ALI-04
PLOT DATE : 8/22/2019 10:22 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2



APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 131	E

2

2

CURVE 'WB'-2
PI STA = 628'WB'+28.95
Y = 579708.843
X = 789279.733
DELTA = 8°42'36"
D = 1°24'40"
T = 309.19'
L = 617.19'
R = 4060.00'
PC STA = 625'WB'+19.76
Y = 579872.871
X = 789017.640
PT STA = 631'WB'+36.95
Y = 579507.017
X = 789513.964
BK = S57°57'35.9"E
AH = S49°15'00.3"E

CURVE 'EB'-2
PI STA = 630'EB'+09.29
Y = 579562.314
X = 789400.766
DELTA = 8°42'36"
D = 1°25'57"
T = 304.62'
L = 608.07'
R = 4000.00'
PC STA = 627'EB'+04.67
Y = 579723.918
X = 789142.546
PT STA = 633'EB'+12.73
Y = 579363.470
X = 789631.536
BK = S57°57'35.9"E
AH = S49°15'00.3"E

N

JULIUS DR

50'JUL'
48'JUL'
46'JUL'
44'JUL'
42'JUL'
40'JUL'
38'JUL'
36'JUL'
34'JUL'
32'JUL'

R/L MULTI-USE TRAIL ALONG STH 15

STA 615+70.02 'WB'=
STA 42+88.84 'JUL'

STA 615+84.22 'EB'=
STA 42+27.18 'JUL'

R/L STH 15 WB

PC: 625'WB'+19.76

PC: 627'EB'+04.67

EQUATION
STA AHD = 633'WB'+12.73
STA BK = 633'WB'+19.72

PT: 631'WB'+36.95

PT: 633'EB'+12.73

CURVE 'WB'-2

CURVE 'EB'-2

STH 15

612'WB' 614'WB' 616'WB' 618'WB' 620'WB' 622'WB' 624'WB' 626'WB' 628'WB' 630'WB' 632'WB' 634'WB' 636'WB' 638'WB' 640'WB' 642'

612'EB' 614'EB' 616'EB' 618'EB' 620'EB' 622'EB' 624'EB' 626'EB' 628'EB' 630'EB' 632'EB' 634'EB' 636'EB' 638'EB' 640'EB' 642'

8194.12'
S57° 57' 36"E

8379.02'
S57° 57' 36"E

1840.58'
S49° 15' 00"E

1589.01'
S49° 15' 00"E

MATCH LINE STA 611'EB'+50

MATCH LINE STA 642'EB'+00

S57° 57' 36"E
286.61'

1122'MUT'

1124'MUT'

MULTI-USE TRAIL

142'MTJ'

PT: 1121'MUT'+19.64

CURVE 'MUT'-10

R/L JULIUS DR

140'MTJ'

R/L CLOVER LN

S89° 44' 53"E
270.41'

12'CLO'

CLOVER LN

END 'CLO' ALIGNMENT
STA 12'CLO'+70.41
Y = 579885.53
X = 788488.67

STA 37+82.57 'JUL'=
STA 10+00.00 'CLO'

138'MTJ'

BEGIN 'CLO' ALIGNMENT
STA 10'CLO'+00.00
Y = 579886.72
X = 788218.26

END 'MUT'/'MTJ' CONSTRUCTION
STA 1124'MUT'+06.25
STA 142'MTJ'+23.96
Y = 580302.72
X = 788066.91

136'MTJ'

134'MTJ'

132'MTJ'

R/L MULTI-USE TRAIL ALONG JULIUS DR

CURVE 'MUT'-10
PI STA = 1120'MUT'+93.09
Y = 580468.879
X = 787801.413
DELTA = 6°05'19"
D = 11°27'33"
T = 26.59'
L = 53.13'
R = 500.00'
PC STA = 1120'MUT'+66.50
Y = 580485.297
X = 787780.496
PT STA = 1121'MUT'+19.64
Y = 580454.772
X = 787823.954
BK = S51°52'17.4"E
AH = S57°57'35.9"E

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 132	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027202-AD.DWG
LAYOUT NAME - ALI-06

PLOT DATE : 9/24/2019 2:42 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

N

END 'LOV' ALIGNMENT
STA 18'LOV'+93.06
Y = 578334.64
X = 791444.42

N40° 35' 23"E
227.89'

N38° 57' 41"E
210.88'

18'LOV'

PI: 649'WB'+70.55

PI: 16'LOV'+65.17

PI: 654'WB'+22.46

STA 653+63.14 'WB'=
STA 15+13.34 'LOV'

S48° 07' 45"E
451.92'

16'LOV'

END 'WB' CONSTRUCTION
STA 669'WB'+77.20
Y = 576992.37
X = 792425.51

S49° 24' 39"E
1554.74'

R/L STH 15 WB

'WB' 644'WB' 646'WB' 648'WB' 650'WB' 652'WB' 654'WB' 656'WB' 658'WB' 660'WB' 662'WB' 664'WB' 666'WB' 668'WB'

'EB' 644'EB' 646'EB' 648'EB' 650'EB' 652'EB' 654'EB' 656'EB' 658'EB' 660'EB' 662'EB' 664'EB' 666'EB' 668'EB'

1589.01'
S49° 15' 00"E

1840.58'
S49° 15' 00"E

STH 15

MATCH LINE STA 642'EB'+00

R/L STH 15 WB

PI: 14'LOV'+54.29

S49° 24' 39"E
2075.44'

END 'EB' PROJECT
STA 669'EB'+77.18
Y = 576975.89
X = 792411.39

PI: 649'EB'+01.74

14'LOV'

STA 653+64.31 'WB'=
STA 14+90.30 'LOV'

LILY OF THE VALLEY DR

12'LOV'

754.29'
N40° 35' 53"E

10'LOV'

R/L LILY OF THE VALLEY RD

8'LOV'

BEGIN 'LOV' ALIGNMENT
STA 7'LOV'+00.00
Y = 577424.88
X = 790672.70

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 133	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027202-AD.DWG
LAYOUT NAME - ALI-07

PLOT DATE : 8/22/2019 10:22 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

BEGIN 'MNE' ALIGNMENT
STA 245'MNE'+00.00
Y = 588631.66
X = 772218.77

246'MNE'
248'MNE'
250'MNE'
2100.21'
S70° 06' 28"E
252'MNE'
254'MNE'
948'MUT'
950'MUT'
807.93'
952'MUT'
258'MNE'
260'MNE'
954'MUT'
956'MUT'
262'MNE'
264'MNE'
958'MUT'
417.65'
960'MUT'
266'MNE'
268'MNE'
962'MUT'
964'MUT'
270'MNE'
272'MNE'

S88° 18' 14"E
143.48'
946'MUT'

BEGIN 'MUT' ALIGNMENT
STA 945'MUT'+10.56
Y = 588358.33
X = 772692.51

PT: 947'MUT'+24.04
CURVE 'MUT'-1
PC: 946'MUT'+54.04

R/L OLD STH 15 EAST EB
OLD STH 15 EAST

R/L MULTI-USE TRAIL
ALONG OLD STH 15 EAST
MULTI-USE TRAIL

PI: 955'MUT'+31.97
S67° 47' 34"E
123.78'

PI: 956'MUT'+55.75

PC: 960'MUT'+73.40

PC: 266'MNE'+00.21

CURVE 'MNE'-1
CURVE 'MUT'-2

PT: 270'MNE'+32.55
22'LCL'

PT: 964'MUT'+96.93
PC: 965'MUT'+31.36
PT: 965'MUT'+74.99
966'MUT'

EQUATION
STA AHD = 966'MUT'+00.00
STA BK = 966'MUT'+03.16

MATCHLINE STA 272'MNE'+00

CURVE 'MNE'-1
PI STA = 268'MNE'+21.34
Y = 587841.812
X = 774401.612
DELTA = 29°39'59"
D = 6°51'42"
T = 221.13'
L = 432.34'
R = 835.00'
PC STA = 266'MNE'+00.21
Y = 587917.053
X = 774193.672
PT STA = 270'MNE'+32.55
Y = 587673.513
X = 774545.054
BK = S70°06'27.7"E
AH = S40°26'28.8"E

CURVE 'MUT'-1
PI STA = 946'MUT'+89.33
Y = 588353.037
X = 772871.205
DELTA = 18°11'46"
D = 25°59'40"
T = 35.30'
L = 70.00'
R = 220.42'
PC STA = 946'MUT'+54.04
Y = 588354.082
X = 772835.923
PT STA = 947'MUT'+24.04
Y = 588341.027
X = 772904.396
BK = S88°18'14.2"E
AH = S70°06'28.2"E

CURVE 'MUT'-2
PI STA = 962'MUT'+91.87
Y = 587802.903
X = 774376.887
DELTA = 34°39'59"
D = 8°11'06"
T = 218.47'
L = 423.53'
R = 700.00'
PC STA = 960'MUT'+73.40
Y = 587877.238
X = 774171.451
PT STA = 964'MUT'+96.93
Y = 587624.913
X = 774503.572
BK = S70°06'28.2"E
AH = S35°26'28.8"E

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS
OCTOBER, 2019

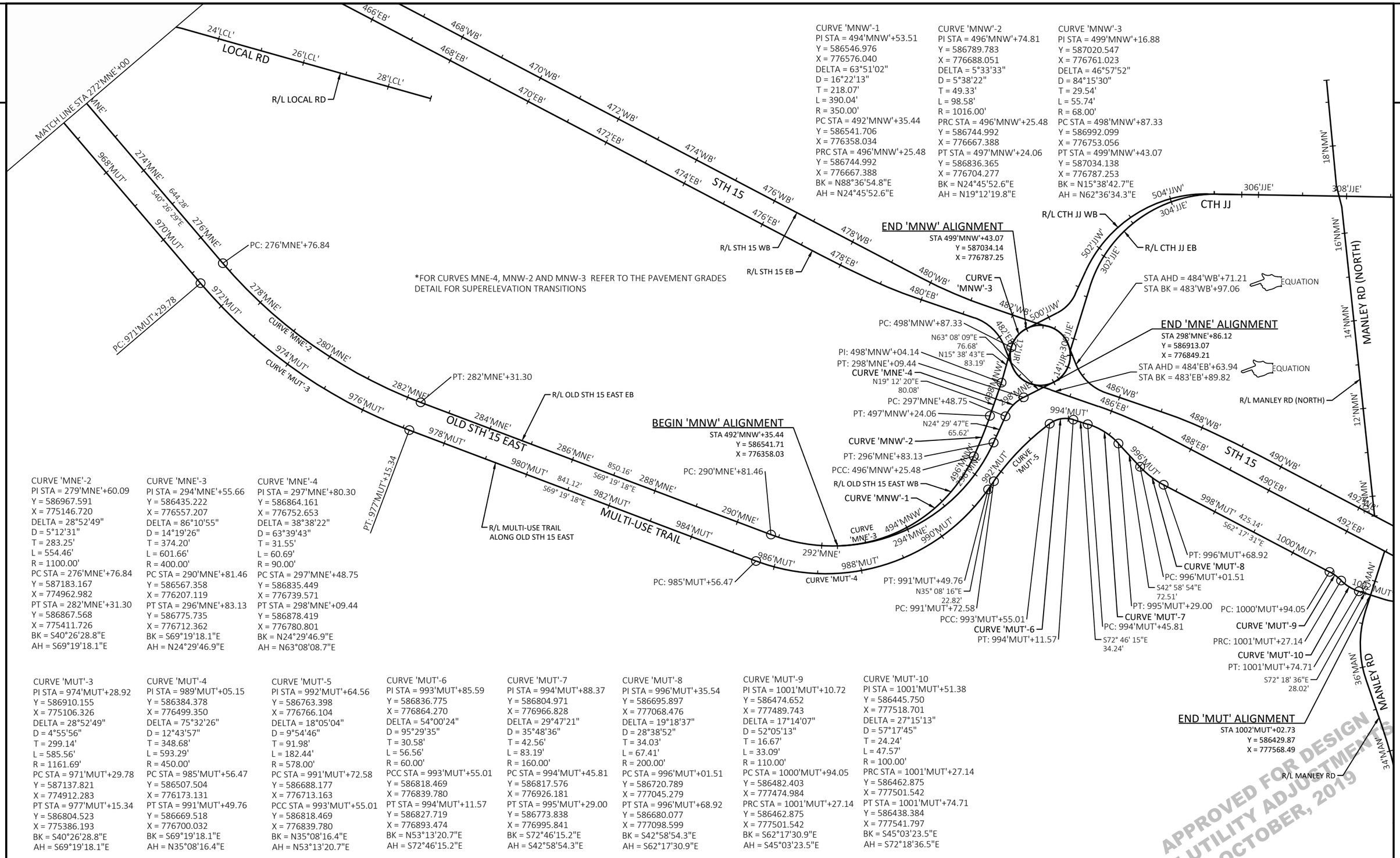
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 134	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027203-AD.DWG
LAYOUT NAME - ALI-09

PLOT DATE : 9/24/2019 2:59 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



CURVE 'MNE'-2
PI STA = 279'MNE'+60.09
Y = 586967.591
X = 775146.720
DELTA = 28°52'49"
D = 5°12'31"
T = 283.25'
L = 554.46'
R = 1100.00'
PC STA = 276'MNE'+76.84
Y = 587183.167
X = 774962.982
PT STA = 282'MNE'+31.30
Y = 586867.568
X = 775411.726
BK = S40°26'28.8"E
AH = S69°19'18.1"E

CURVE 'MNE'-3
PI STA = 294'MNE'+55.66
Y = 586435.222
X = 776557.207
DELTA = 86°10'55"
D = 14°19'26"
T = 374.20'
L = 601.66'
R = 400.00'
PC STA = 290'MNE'+81.46
Y = 586567.358
X = 776207.119
PT STA = 296'MNE'+83.13
Y = 586775.735
X = 776712.362
BK = S69°19'18.1"E
AH = N24°29'46.9"E

CURVE 'MNE'-4
PI STA = 297'MNE'+80.30
Y = 586864.161
X = 776752.653
DELTA = 38°38'22"
D = 63°39'43"
T = 31.55'
L = 60.69'
R = 90.00'
PC STA = 297'MNE'+48.75
Y = 586835.449
X = 776739.571
PT STA = 298'MNE'+09.44
Y = 586878.419
X = 776780.801
BK = N24°29'46.9"E
AH = N63°08'08.7"E

CURVE 'MUT'-3
PI STA = 974'MUT'+28.92
Y = 586910.155
X = 775106.326
DELTA = 28°52'49"
D = 4°55'56"
T = 299.14'
L = 585.56'
R = 1161.69'
PC STA = 971'MUT'+29.78
Y = 587137.821
X = 774912.283
PT STA = 977'MUT'+15.34
Y = 586804.523
X = 775386.193
BK = S40°26'28.8"E
AH = S69°19'18.1"E

CURVE 'MUT'-4
PI STA = 989'MUT'+05.15
Y = 586384.378
X = 776499.350
DELTA = 75°32'26"
D = 12°43'57"
T = 348.68'
L = 593.29'
R = 450.00'
PC STA = 985'MUT'+56.47
Y = 586507.504
X = 776173.131
PT STA = 991'MUT'+49.76
Y = 586669.518
X = 776700.032
BK = S69°19'18.1"E
AH = N35°08'16.4"E

CURVE 'MUT'-5
PI STA = 992'MUT'+64.56
Y = 586763.398
X = 776766.104
DELTA = 18°05'04"
D = 9°54'46"
T = 91.98'
L = 182.44'
R = 578.00'
PC STA = 991'MUT'+72.58
Y = 586688.177
X = 776713.163
PCC STA = 993'MUT'+55.01
Y = 586818.469
X = 776839.780
BK = N35°08'16.4"E
AH = N53°13'20.7"E

CURVE 'MUT'-6
PI STA = 993'MUT'+85.59
Y = 586836.775
X = 776864.270
DELTA = 54°00'24"
D = 95°29'35"
T = 30.58'
L = 56.56'
R = 60.00'
PCC STA = 993'MUT'+55.01
Y = 586818.469
X = 776839.780
PT STA = 994'MUT'+11.57
Y = 586827.719
X = 776893.474
BK = N53°13'20.7"E
AH = S72°46'15.2"E

CURVE 'MUT'-7
PI STA = 994'MUT'+88.37
Y = 586804.971
X = 776966.828
DELTA = 29°47'21"
D = 35°48'36"
T = 42.56'
L = 83.19'
R = 160.00'
PC STA = 994'MUT'+45.81
Y = 586817.576
X = 776926.181
PT STA = 995'MUT'+29.00
Y = 586773.838
X = 776995.841
BK = S72°46'15.2"E
AH = S42°58'54.3"E

CURVE 'MUT'-8
PI STA = 996'MUT'+35.54
Y = 586695.897
X = 777068.476
DELTA = 19°18'37"
D = 28°38'52"
T = 34.03'
L = 67.41'
R = 200.00'
PC STA = 996'MUT'+01.51
Y = 586720.789
X = 777045.279
PT STA = 996'MUT'+68.92
Y = 586680.077
X = 777098.599
BK = S42°58'54.3"E
AH = S62°17'30.9"E

CURVE 'MUT'-9
PI STA = 1001'MUT'+10.72
Y = 586474.652
X = 777489.743
DELTA = 17°14'07"
D = 52°05'13"
T = 16.67'
L = 33.09'
R = 110.00'
PC STA = 1000'MUT'+94.05
Y = 586482.403
X = 777474.984
PRC STA = 1001'MUT'+27.14
Y = 586462.875
X = 777501.542
BK = S62°17'30.9"E
AH = S45°03'23.5"E

CURVE 'MUT'-10
PI STA = 1001'MUT'+51.38
Y = 586445.750
X = 777518.701
DELTA = 27°15'13"
D = 57°17'45"
T = 24.24'
L = 47.57'
R = 100.00'
PRC STA = 1001'MUT'+27.14
Y = 586462.875
X = 777501.542
PT STA = 1001'MUT'+74.71
Y = 586438.384
X = 777541.797
BK = S45°03'23.5"E
AH = S72°18'36.5"E

APPROVED FOR DESIGN & UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 135	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027203-AD.DWG
LAYOUT NAME - ALI-10
PLOT DATE : 9/24/2019 2:59 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

CURVE 'JJR'-1
PI STA = 10'JJR'+00.00
Y = 586973.733
X = 773883.481
DELTA = 360°00'00"
D = 84°15'31"
T = 0.00'
L = 427.26'
R = 68.00'
PC STA = 10'JJR'+00.00
Y = 586973.733
X = 776886.481
PT STA = 14'JJR'+27.26
Y = 586973.733
X = 776886.481
BK = N00°00'00.0"E
AH = N00°00'00.0"E

CURVE 'JJW'-1
PI STA = 500'JJW'+53.08
Y = 587084.631
X = 776884.923
DELTA = 37°56'31"
D = 63°39'43"
T = 30.94'
L = 59.60'
R = 90.00'
PC STA = 500'JJW'+22.15
Y = 587070.423
X = 776857.440
PT STA = 500'JJW'+81.75
Y = 587112.735
X = 776897.861
BK = N62°39'42.3"E
AH = N24°43'11.6"E

CURVE 'JJW'-2
PI STA = 503'JJW'+35.28
Y = 587343.038
X = 777003.885
DELTA = 66°15'04"
D = 19°05'55"
T = 195.76'
L = 346.89'
R = 300.00'
PC STA = 501'JJW'+39.52
Y = 587165.219
X = 776922.023
PT STA = 504'JJW'+86.41
Y = 587339.721
X = 777199.615
BK = N24°43'11.6"E
AH = S89°01'44.9"E

CURVE 'JJE'-1
PI STA = 299'JJE'+33.64
Y = 586934.542
X = 776891.597
DELTA = 69°53'22"
D = 84°15'31"
T = 47.52'
L = 82.95'
R = 68.00'
PC STA = 298'JJE'+86.12
Y = 586913.071
X = 776849.209
PT STA = 299'JJE'+69.07
Y = 586981.729
X = 776886.009
BK = N63°08'08.7"E
AH = N06°45'13.4"W

CURVE 'JJE'-2
PI STA = 303'JJE'+47.24
Y = 587343.145
X = 776997.330
DELTA = 73°51'01"
D = 19°05'55"
T = 225.45'
L = 386.68'
R = 300.00'
PC STA = 301'JJE'+21.79
Y = 587127.682
X = 776930.965
PT STA = 305'JJE'+08.47
Y = 587339.329
X = 777222.750
BK = N17°07'10.3"E
AH = S89°01'48.9"E

N

*FOR CURVES JJE-1 AND JJW-1 REFER TO THE PAVEMENT GRADES DETAIL FOR SUPERELEVATION TRANSITIONS

END 'NMN' ALIGNMENT
STA 19'NMN'+50.00
Y = 587596.71
X = 777468.70

END 'JJW' ALIGNMENT
STA 505'JJW'+63.03
Y = 587338.42
X = 777276.22

PT: 504'JJW'+86.41
PI: 17'NMN'+09.94
PI: 16'NMN'+59.87
PC: 501'JJW'+39.52
PT: 500'JJW'+81.75
CURVE 'JJW'-1
PC: 500'JJW'+22.15
PC: 301'JJE'+21.79
PT: 299'JJE'+69.07
PT: 305'JJE'+08.47
PI: 307'JJE'+39.59
PI: 311'JJE'+56.59

CTH JJ

END 'JJE' ALIGNMENT
STA 314'JJE'+98.30
Y = 587322.76
X = 778212.44

BEGIN 'JJW' ALIGNMENT
STA 499'JJW'+43.13
Y =587034.14
X = 776787.26

BEGIN 'JJE' ALIGNMENT
STA 298'JJE'+86.12
Y = 586913.07
X = 776849.21

BEGIN/END 'JJR' ALIGNMENT
STA 10'JJR'+00.00/STA 14'JJR'+27.25
Y = 586973.73
X = 776886.48

STA AHD = 484'WB'+71.21
STA BK = 483'WB'+97.06
EQUATION

STA AHD = 484'EB'+63.94
STA BK = 483'EB'+89.82
EQUATION

BEGIN 'NMN' ALIGNMENT
STA 10'NMN'+00.00
Y = 586652.95
X = 777572.85

MANLEY RD (NORTH)
MANLEY RD
STH 15
OLD STH 15 EAST
MULTI-USE TRAIL
CURVE 'JJR'-1
CURVE 'JJE'-1

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 136	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027204-AD.DWG
LAYOUT NAME - ALI-11
PLOT DATE : 9/24/2019 3:27 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

N

EQUATION

R/L MULTI-USE TRAIL ALONG STH 15

R/L STH 15 WB

R/L STH 15 EB

R/L NORTH RD

MULTI-USE TRAIL

STH 15

STA BK = 543+25.69
STA AHD = 543+25.69

1052'MUT'
1054'MUT'
1056'MUT'
1058'MUT'
1060'MUT'
1068'MUT'
1070'MUT'
1072'MUT'
1064'MUT'
1066'MUT'

542'EB'
544'EB'
546'EB'
548'EB'
550'EB'
552'EB'
554'EB'
556'EB'
558'EB'
560'EB'
562'EB'

542'WB'
544'WB'
546'WB'
548'WB'
550'WB'
552'WB'
554'WB'
556'WB'
558'WB'
560'WB'
562'WB'

PC: 8'NRT'+52.00
PT: 11'NRT'+56.73
PC: 12'NRT'+87.78
PT: 14'NRT'+59.59
PC: 20'NRT'+68.40
PT: 23'NRT'+25.89
PC: 18'NRT'+03.57
PT: 19'NRT'+63.57

252.00'
N0° 07' 30"E

8'NRT'
10'NRT'
12'NRT'
14'NRT'
16'NRT'
18'NRT'
20'NRT'
22'NRT'
24'NRT'

CURVE 'NRT'-1
CURVE 'NRT'-2
CURVE 'NRT'-3
CURVE 'NRT'-4

N17° 20' 04"W
131.06'

N22° 02' 24"E
343.98'

N14° 37' 41"W
104.83'

274.11'
N0° 07' 30"E

NORTH RD
NORTH RD

BEGIN 'NRT' ALIGNMENT
STA 6'NRT'+00.00
Y = 582702.44
X = 782848.62

END 'NRT' ALIGNMENT
STA 26'NRT'+00.00
Y = 584654.05
X = 782852.58

CURVE 'NRT'-1
PI STA = 10'NRT'+05.55
Y = 583107.996
X = 782849.501
DELTA = 17°27'34"
D = 5°43'46"
T = 153.55'
L = 304.73'
R = 1000.00'
PC STA = 8'NRT'+52.00
Y = 582954.443
X = 782849.166
PT STA = 11'NRT'+56.73
Y = 583254.575
X = 782803.750
BK = N00°07'30.2"E
AH = N17°20'04.0"W

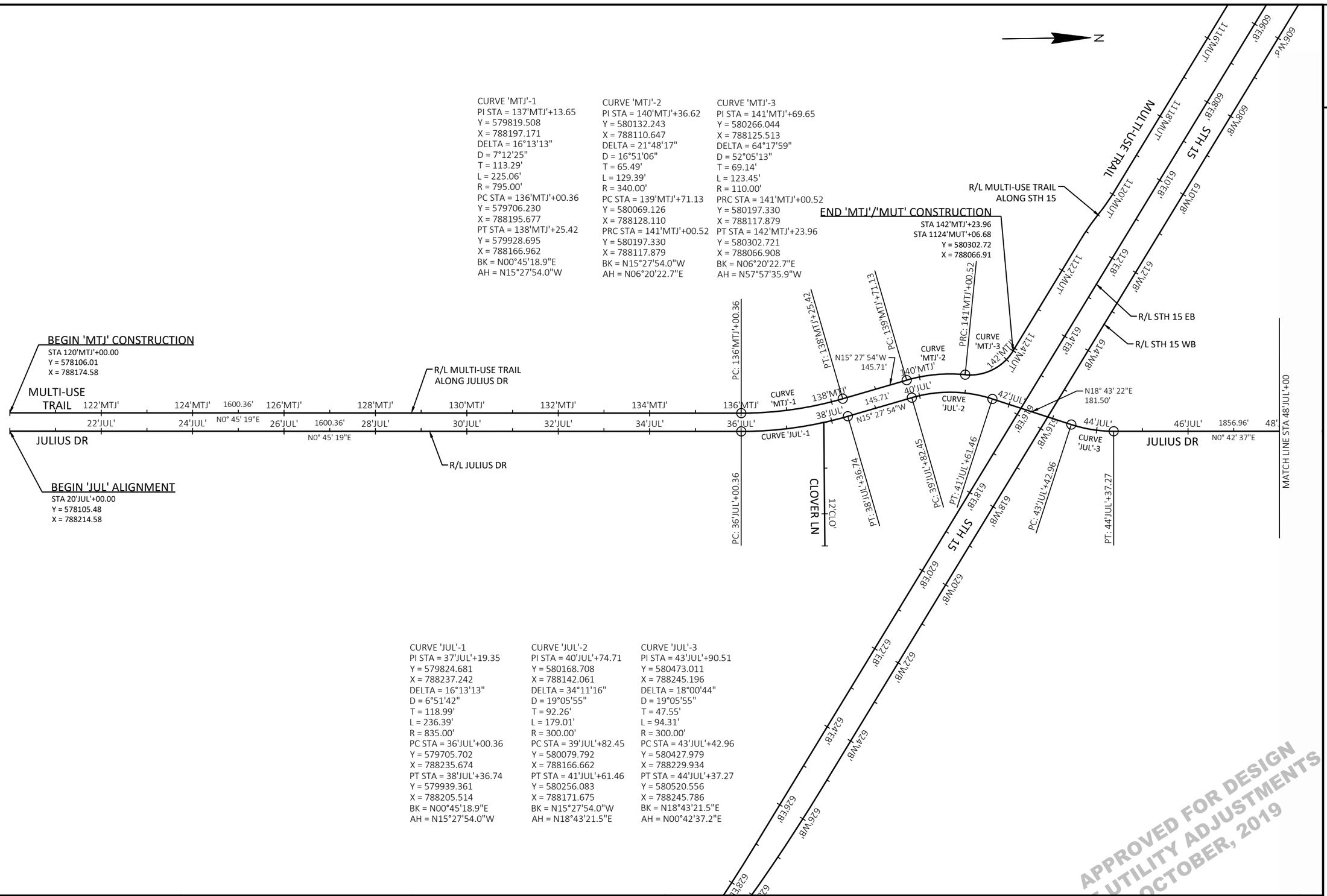
CURVE 'NRT'-2
PI STA = 13'NRT'+77.23
Y = 583465.067
X = 782738.050
DELTA = 39°22'28"
D = 22°55'06"
T = 89.45'
L = 171.80'
R = 250.00'
PC STA = 12'NRT'+87.78
Y = 583379.680
X = 782764.702
PT STA = 14'NRT'+59.59
Y = 583547.980
X = 782771.616
BK = N17°20'04.0"W
AH = N22°02'24.1"E

CURVE 'NRT'-3
PI STA = 18'NRT'+86.42
Y = 583943.618
X = 782931.786
DELTA = 36°40'05"
D = 22°55'06"
T = 82.84'
L = 159.99'
R = 250.00'
PC STA = 18'NRT'+03.57
Y = 583866.827
X = 782900.698
PT STA = 19'NRT'+63.57
Y = 584023.777
X = 782910.864
BK = N22°02'24.1"E
AH = N14°37'41.3"W

CURVE 'NRT'-4
PI STA = 21'NRT'+97.86
Y = 584250.475
X = 782851.695
DELTA = 14°45'11"
D = 5°43'46"
T = 129.46'
L = 257.49'
R = 1000.00'
PC STA = 20'NRT'+68.40
Y = 584125.210
X = 782884.389
PT STA = 23'NRT'+25.89
Y = 584379.937
X = 782851.977
BK = N14°37'41.3"W
AH = N00°07'30.2"E

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 137	E



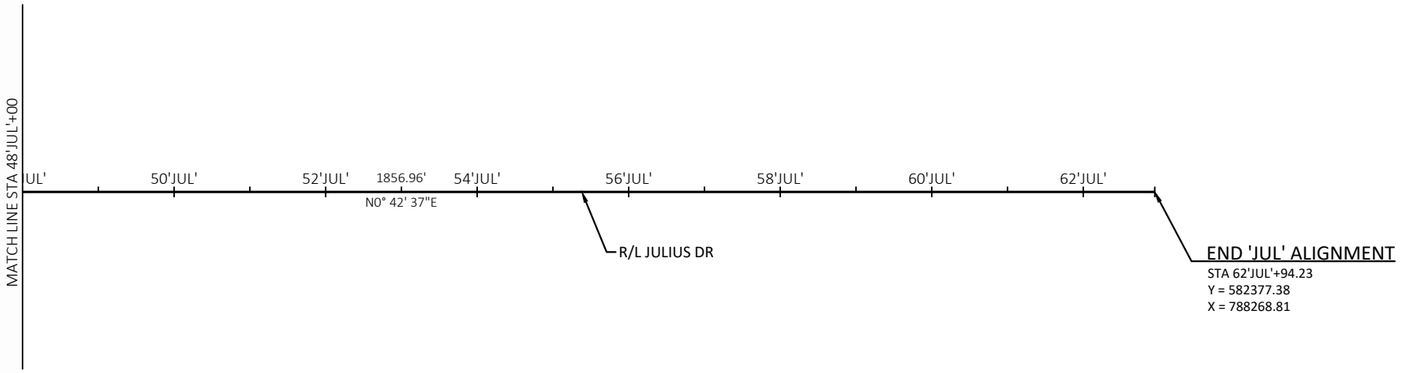
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 138	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027205-AD.DWG
LAYOUT NAME - JUL--01
PLOT DATE : 8/22/2019 10:23 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

N



APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	ALIGNMENT DIAGRAM	SHEET 139	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-027205-AD.DWG
LAYOUT NAME - JUL--02

PLOT DATE : 8/22/2019 10:23 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

CURVE 'EB'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalShoulder	476'EB'+05.94'	-4.00%	-2.00%	-2.00%	-4.00%	
EndNormalCrown	476'EB'+05.94'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	476'EB'+77.66'	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	477'EB'+49.39'	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	477'EB'+81.66'	-4.00%	-2.90%	2.90%	2.90%	

CURVE 'EB'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT SHOULDER	RIGHT LANE	
Curve 2						
Manual	479'EB'+00.00'	-4.00%	-2.90%	2.90%	2.90%	
BeginFullSuper	479'EB'+29.80'	-4.00%	-4.00%	4.00%	4.00%	
EndFullSuper	479'EB'+44.55'	-4.00%	-4.00%	4.00%	4.00%	
ReverseCrown	480'EB'+16.55'	-4.00%	-2.00%	2.00%	2.00%	
LevelCrown	480'EB'+88.55'	-4.00%	.00%	.00%	.00%	
BeginNormalCrown	481'EB'+59.55'	-4.00%	2.00%	-2.00%	-2.00%	
BeginNormalShoulder	481'EB'+59.55'	-4.00%	2.00%	-2.00%	-2.00%	
Curve 3						
Manual	481'EB'+78.12'	-4.00%	1.90%	-2.00%	-2.00%	

CURVE 'WB'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	478'WB'+25.00'	-4.00%	-2.00%	-2.00%	-4.00%	
ReverseCrown	481'WB'+25.00'	-4.00%	-2.00%	2.00%	2.00%	

CURVE 'WB'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalShoulder	623'WB'+83.24	-4.00%	-2.00%	-2.00%	-4.00%	
EndNormalCrown	623'WB'+83.24	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	624'WB'+55.09	0.00%	0.00%	-2.00%	-4.00%	
ReverseCrown	625'WB'+26.95	2.00%	2.00%	-2.00%	-4.00%	
BeginFullSuper	625'WB'+52.09	2.70%	2.70%	-2.70%	-4.00%	
EndFullSuper	631'WB'+04.62	2.70%	2.70%	-2.70%	-4.00%	
ReverseCrown	631'WB'+29.77	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	632'WB'+01.62	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	632'WB'+73.47	-4.00%	-2.00%	-2.00%	-4.00%	
BeginNormalShoulder	632'WB'+73.47	-4.00%	-2.00%	-2.00%	-4.00%	

WB PAVEMENT ROTATION TO AND FROM RAILROAD						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
RR-EndNormalCrown	513'WB'+93.00	-4.00%	-2.00%	-2.00%	-4.00%	
RR-BeginOutside	514'WB'+25.00	-4.00%	-2.00%	-1.20%	-4.00%	
RR-InsideLaneFlat	514'WB'+73.00	-4.00%	-0.80%	0.00%	-4.00%	
RR-LaneSlopeMatch	514'WB'+89.00	-4.00%	-0.40%	0.40%	-4.00%	
RR-0.50%SlopeBegin	515'WB'+29.00	-4.00%	-0.50%	0.50%	-4.00%	
RR-0.50%SlopeEnd	515'WB'+30.00	-4.00%	-0.50%	0.50%	-4.00%	
RR-LaneSlopeMatch	515'WB'+72.00	-4.00%	-0.40%	0.40%	-4.00%	
RR-InsideLaneFlat	515'WB'+88.00	-4.00%	-0.80%	0.00%	-4.00%	
RR-BeingOutside	516'WB'+36.00	-4.00%	-2.00%	-1.20%	-4.00%	
RR-BeginNormalCrown	516'WB'+68.00	-4.00%	-2.00%	-2.00%	-4.00%	

'MUT' STATION 1035+13.77 TO 'MUT' STATION 1040+64.78						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
ReverseCrown	1035'MUT'+13.77	1.50%	1.50%	-1.50%	-1.50%	
EndReverseCrown	1040'MUT'+13.90	1.50%	1.50%	-1.50%	-1.50%	
BeginNormalCrown	1040'MUT'+64.78	-1.50%	-1.50%	1.50%	1.50%	

CURVE 'MUT'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	1048'MUT'+70.38	-1.50%	-1.50%	1.50%	1.50%	
EndCurve	1048'MUT'+70.95	-1.53%	-1.53%	1.53%	1.53%	

CURVE 'MUT'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
BeginCurve	1048'MUT'+70.95	-1.53%	-1.53%	1.53%	1.53%	
BeginFullSuper	1048'MUT'+83.95	-2.30%	-2.30%	2.30%	2.30%	
EndFullSuper	1049'MUT'+43.67	-2.30%	-2.30%	2.30%	2.30%	
LevelCrown	1049'MUT'+82.67	0.00%	0.00%	0.00%	0.00%	
EndCurve	1049'MUT'+82.67	0.00%	0.00%	0.00%	0.00%	

CURVE 'MUT'-3						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
BeginCurve	1049'MUT'+82.67	0.00%	0.00%	0.00%	0.00%	
LevelCrown	1049'MUT'+82.67	0.00%	0.00%	0.00%	0.00%	
BeginFullSuper	1050'MUT'+21.67	2.30%	2.30%	-2.30%	-2.30%	
EndFullSuper	1051'MUT'+22.31	2.30%	2.30%	-2.30%	-2.30%	
EndCurve	1051'MUT'+35.31	1.53%	1.53%	-1.53%	-1.53%	
BeginReverseCrown	1051'MUT'+35.88	1.50%	1.50%	-1.50%	-1.50%	

CURVE 'MUT'-6						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndReverseCrown	1062'MUT'+94.65	1.50%	1.50%	-1.50%	-1.50%	
BeginNormalCrown	1063'MUT'+69.07	-1.50%	-1.50%	1.50%	1.50%	

CURVE 'MUT'-9						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	1119'MUT'+91.13	-1.50%	-1.50%	1.50%	1.50%	
ReverseCrown	1120'MUT'+66.13	1.50%	1.50%	-1.50%	-1.50%	

CURVE 'MUT'-11						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
MatchPoint	1001'MUT'+79.11'	-0.06%	-0.06%	0.06%	0.06%	
BeginNormalCrown	1002'MUT'+10.00'	-1.50%	-1.50%	1.50%	1.50%	

NOTE:
CURVES NOT SHOWN IN SUPERELEVATION TABLES ARE AT NORMAL CROWN.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2

CURVE 'MUT'-15						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	1020'MUT'+00.00'	-1.50%	-1.50%	1.50%	1.50%	
ReverseCrown	1020'MUT'+53.48'	1.50%	1.50%	-1.50%	-1.50%	
ReverseCrown	1021'MUT'+30.00'	1.50%	1.50%	-1.50%	-1.50%	
MatchRailRoad	1021'MUT'+49.37'	0.15%	0.15%	0.15%	0.15%	
MatchRailRoad	1021'MUT'+59.37'	0.15%	0.15%	0.15%	0.15%	

CURVE 'MUT'-16						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
BeginFullSuper	1022'MUT'+30.00'	-4.00%	-4.00%	4.00%	4.00%	
EndFullSuper	1023'MUT'+00.00'	-4.00%	-4.00%	4.00%	4.00%	
LevelCrown	1023'MUT'+62.25'	0.00%	0.00%	0.00%	0.00%	

CURVE 'MUT'-17						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
BeginFullSuper	1024'MUT'+25.31'	4.00%	4.00%	-4.00%	-4.00%	
EndFullSuper	1024'MUT'+70.99'	4.00%	4.00%	-4.00%	-4.00%	
BeginNormalCrown	1025'MUT'+50.00'	-1.50%	-1.50%	1.50%	1.50%	

CURVE 'MTJ'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	140'MTJ'+74.25	1.50%	1.50%	-1.50%	-1.50%	
BeginFullSuper	141'MTJ'+24.50	-1.50%	-1.50%	1.50%	1.50%	

CURVE 'MNW'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
MatchPoint	494'MNW'+50.00'	-5.30%	-5.30%	5.30%	5.30%	
BeginFullSuper	494'MNW'+60.00'	-5.60%	-5.60%	5.60%	5.60%	
EndFullSuper	495'MNW'+91.49'	-5.60%	-5.60%	5.60%	5.60%	
BeginFullSuper	496'MNW'+41.15'	-4.00%	-2.60%	2.60%	2.60%	
EndFullSuper	497'MNW'+08.40'	-4.00%	-2.60%	2.60%	2.60%	
LevelCrown	497'MNW'+55.40'	-4.00%	-2.00%	0.00%	0.00%	
BeginNormalCrown	497'MNW'+91.55'	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'MNE'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	264'MNE'+56.21'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	265'MNE'+04.21'	0.00%	0.00%	-2.00%	-4.00%	
ReverseCrown	265'MNE'+52.21'	2.00%	2.00%	-2.00%	-4.00%	
LowShoulderMatch	266'MNE'+00.21'	4.00%	4.00%	-4.00%	-4.00%	
BeginFullSuper	266'MNE'+48.21'	6.00%	6.00%	-6.00%	-6.00%	
EndFullSuper	269'MNE'+84.56'	6.00%	6.00%	-6.00%	-6.00%	
LowShoulderMatch	270'MNE'+32.56'	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	270'MNE'+80.56'	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	271'MNE'+28.56'	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	271'MNE'+76.56'	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'MNE'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	275'MNE'+37.43'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	275'MNE'+85.50'	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	276'MNE'+33.57'	-4.00%	-2.00%	2.00%	2.00%	
LowShoulderMatch	276'MNE'+81.64'	-4.00%	-4.00%	4.00%	4.00%	
BeginFullSuper	277'MNE'+22.50'	-5.70%	-5.70%	5.70%	5.70%	
EndFullSuper	281'MNE'+85.64'	-5.70%	-5.70%	5.70%	5.70%	
LowShoulderMatch	282'MNE'+26.50'	-4.00%	-4.00%	4.00%	4.00%	
ReverseCrown	282'MNE'+74.57'	-4.00%	-2.00%	2.00%	2.00%	
LevelCrown	283'MNE'+22.64'	-4.00%	-2.00%	0.00%	0.00%	
BeginNormalCrown	283'MNE'+70.71'	-4.00%	-2.00%	-2.00%	-4.00%	

CUVE 'MNE'-3						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	289'MNE'+81.23'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	290'MNE'+17.46'	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	290'MNE'+53.69'	-4.00%	-2.00%	2.00%	2.00%	
LowShoulderMatch	290'MNE'+89.91'	-4.00%	-4.00%	4.00%	4.00%	
BeginFullSuper	291'MNE'+13.46'	-5.30%	-5.30%	5.30%	5.30%	
EndFullSuper	296'MNE'+35.13'	-5.30%	-5.30%	5.30%	5.30%	
LowShoulderMatch	296'MNE'+74.68'	-4.00%	-4.00%	4.00%	4.00%	
ReverseCrown	296'MNE'+94.90'	-4.00%	-2.00%	2.00%	2.00%	
ReverseCrown	297'MNE'+13.64'	-4.00%	-2.00%	2.00%	2.00%	
LevelCrown	297'MNE'+47.13'	-4.00%	-2.00%	0.00%	0.00%	
BeginNormalCrown	297'MNE'+93.64'	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'LCL'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	20'LCL'+24.00'	-1.60%	-1.60%	1.60%	1.60%	
LevelCrown	20'LCL'+54.00'	0.00%	0.00%	0.00%	0.00%	
ReverseCrown	20'LCL'+90.00'	2.00%	2.00%	-2.00%	-2.00%	
BeginFullSuper	21'LCL'+25.00'	4.00%	3.96%	-3.96%	-4.00%	
EndFullSuper	22'LCL'+95.72'	4.00%	3.96%	-3.96%	-4.00%	
ReverseCrown	23'LCL'+31.45'	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	23'LCL'+67.91'	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	24'LCL'+04.37'	-4.00%	-2.00%	-2.00%	-4.00%	

NOTE:
CURVES NOT SHOWN IN SUPERELEVATION TABLES ARE AT NORMAL CROWN.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

CURVE 'JJE'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	300'JJE'+33.08'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	300'JJE'+69.29'	0.00%	0.00%	-2.00%	-4.00%	
ReverseCrown	301'JJE'+05.50'	2.00%	2.00%	-2.00%	-4.00%	
BeginFullSuper	301'JJE'+74.29'	5.80%	5.80%	-5.80%	-5.80%	
EndFullSuper	304'JJE'+73.47'	5.80%	5.80%	-5.80%	-5.80%	
LowShoulderMatch	305'JJE'+06.06'	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	305'JJE'+42.27'	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	305'JJE'+78.47'	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	306'JJE'+14.68'	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'JJW'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	500'JJW'+50.81'	-2.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	500'JJW'+87.02'	0.00%	0.00%	-2.00%	-4.00%	
ReverseCrown	501'JJW'+23.23'	2.00%	2.00%	-2.00%	-4.00%	
BeginFullSuper	501'JJW'+92.02'	5.80%	5.80%	-5.80%	-5.80%	
EndFullSuper	504'JJW'+51.42'	5.80%	5.80%	-5.80%	-5.80%	
LowShoulderMatch	504'JJW'+84.00'	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	505'JJW'+20.21'	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	505'JJW'+56.42'	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	505'JJW'+92.62'	-2.00%	-2.00%	-2.00%	-4.00%	

CURVE 'MAN'-1						
SUPERELEVATION TRANSITION EVENT POINTS						NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	30'MAN'+71.32'	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	31'MAN'+19.46'	-2.00%	-2.00%	0.00%	0.00%	
ReverseCrown	31'MAN'+67.98'	-2.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	32'MAN'+61.46'	-5.90%	-5.90%	5.90%	5.90%	
EndFullSuper	33'MAN'+84.40'	-5.90%	-5.90%	5.90%	5.90%	
ReverseCrown	34'MAN'+80.14'	-2.00%	-2.00%	2.00%	2.00%	

CURVE 'MAN'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	34'MAN'+80.15'	-2.00%	-2.00%	2.00%	2.00%	
LevelCrown	35'MAN'+18.13'	0.00%	0.00%	0.00%	0.00%	
ReverseCrown	35'MAN'+56.11'	2.00%	2.00%	-2.00%	-2.00%	
BeginFullSuper	35'MAN'+94.09'	4.00%	4.00%	-4.00%	-4.00%	
EndFullSuper	37'MAN'+04.44'	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	37'MAN'+40.94'	2.00%	2.00%	-2.00%	-2.00%	
LevelCrown	37'MAN'+77.44'	0.00%	0.00%	-2.00%	-2.00%	
BeginNormalCrown	38'MAN'+13.94'	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'NRT'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	7'NRT'+44.75	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	7'NRT'+86.00	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	8'NRT'+27.25	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	8'NRT'+85.00	-4.80%	-4.80%	4.80%	4.80%	
EndFullSuper	11'NRT'+23.73	-4.80%	-4.80%	4.80%	4.80%	TRANSITION OCCURS 50% ON CURVE AND 50% ON TANGENT
ReverseCrown	11'NRT'+81.48	-2.00%	-2.00%	2.00%	2.00%	ROTATE PLANAR FROM REVERSE CROWN TO NEXT CURVE
LevelCrown	12'NRT'+28.55	0.00%	0.00%	0.00%	0.00%	

CURVE 'NRT'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
LevelCrown	12'NRT'+28.55	0.00%	0.00%	0.00%	0.00%	ROTATE PLANAR FROM LEVEL CROWN TO SUPER
ReverseCrown	12'NRT'+75.61	2.00%	2.00%	-2.00%	-2.00%	
BeginFullSuper	13'NRT'+12.11	4.00%	4.00%	-4.00%	-4.00%	TRANSITION OCCURS 50% ON CURVE AND 50% ON TANGENT
EndFullSuper	14'NRT'+35.26	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	14'NRT'+71.76	2.00%	2.00%	-2.00%	-2.00%	
LevelCrown	15'NRT'+08.26	0.00%	0.00%	0.00%	0.00%	ROTATE SLOPES TO MATCH INTERSECTION

CURVE 'NRT'-3						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	17'NRT'+18.40	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	17'NRT'+54.90	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	17'NRT'+91.40	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	18'NRT'+27.90	-4.00%	-4.00%	4.00%	4.00%	
EndFullSuper	19'NRT'+27.07	-4.00%	-4.00%	4.00%	4.00%	TRANSITION OCCURS 50% ON CURVE AND 50% ON TANGENT
ReverseCrown	19'NRT'+63.57	-2.00%	-2.00%	2.00%	2.00%	ROTATE PLANAR FROM REVERSE CROWN TO NEXT CURVE
LevelCrown	20'NRT'+11.86	0.00%	0.00%	0.00%	0.00%	

CURVE 'NRT'-4						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
LevelCrown	20'NRT'+11.86	0.00%	0.00%	0.00%	0.00%	ROTATE PLANAR FROM LEVEL CROWN TO SUPER
ReverseCrown	20'NRT'+60.15	2.00%	2.00%	-2.00%	-2.00%	
BeginFullSuper	21'NRT'+17.90	4.80%	4.80%	-4.80%	-4.80%	TRANSITION OCCURS 50% ON CURVE AND 50% ON TANGENT
EndFullSuper	22'NRT'+92.89	4.80%	4.80%	-4.80%	-4.80%	
ReverseCrown	23'NRT'+50.64	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	23'NRT'+91.89	0.00%	0.00%	-2.00%	-4.00%	
BeginNormalCrown	24'NRT'+33.14	-4.00%	-2.00%	-2.00%	-4.00%	

NOTE:
CURVES NOT SHOWN IN SUPERELEVATION TABLES ARE AT NORMAL CROWN.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2

CURVE 'BEN'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalCrown	30'BEN'+22.04	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	30'BEN'+58.54	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	30'BEN'+95.04	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	31'BEN'+31.54	-4.00%	-4.00%	4.00%	4.00%	
EndFullSuper	32'BEN'+26.41	-4.00%	-4.00%	4.00%	4.00%	
ReverseCrown	32'BEN'+62.91	-4.00%	-2.00%	2.00%	2.00%	
LevelCrown	32'BEN'+99.41	-4.00%	-2.00%	0.00%	0.00%	
BeginNormalCrown	33'BEN'+35.91	-4.00%	-2.00%	-2.00%	-4.00%	

CURVE 'JUL'-1						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
EndNormalShoulder	34'JUL'+96.52	-4.00%	-2.00%	-2.00%	-4.00%	
EndNormalCrown	34'JUL'+96.52	-4.00%	-2.00%	-2.00%	-4.00%	
LevelCrown	35'JUL'+41.02	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	35'JUL'+85.52	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	36'JUL'+30.02	-4.00%	-4.00%	4.00%	4.00%	
EndFullSuper	38'JUL'+07.08	-4.00%	-4.00%	4.00%	4.00%	

CURVE 'JUL'-2						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
BeginFullSuper	40'JUL'+06.78	4.00%	4.00%	-4.00%	-4.00%	
EndFullSuper	41'JUL'+00.00	4.00%	4.00%	-4.00%	-4.00%	
ReverseCrown	41'JUL'+36.50	2.00%	2.00%	-2.00%	-4.00%	
LevelCrown	41'JUL'+73.00	0.00%	0.00%	-2.00%	-4.00%	

CURVE 'JUL'-3						
SUPERELEVATION TRANSITION EVENT POINTS		RATE				NOTES
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE		
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER	
LevelCrown	42'JUL'+94.29	-4.00%	-2.00%	0.00%	0.00%	
ReverseCrown	43'JUL'+30.79	-4.00%	-2.00%	2.00%	2.00%	
BeginFullSuper	43'JUL'+67.29	-4.00%	-2.00%	2.00%	2.00%	
EndFullSuper	44'JUL'+12.94	-4.00%	-2.00%	2.00%	2.00%	
ReverseCrown	44'JUL'+49.44	-4.00%	-2.00%	2.00%	2.00%	
LevelCrown	44'JUL'+85.94	-4.00%	-2.00%	0.00%	0.00%	
BeginNormalCrown	45'JUL'+22.44	-4.00%	-2.00%	-2.00%	-4.00%	
BeginNormalShoulder	45'JUL'+22.44	-4.00%	-2.00%	-2.00%	-4.00%	

NOTE:
CURVES NOT SHOWN IN SUPERELEVATION TABLES ARE AT NORMAL CROWN.

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
1146-75-21		
FEDERAL PROJECT NUMBER	4.01	

PLAT OF RIGHT OF WAY REQUIRED FOR

GREENVILLE - NEW LONDON

STH 15 — OUTAGAMIE COUNTY

4

CONVENTIONAL ABBREVIATIONS AND SYMBOLS

ACCESS POINT	AP	SET R/W MONUMENT W/CAP (1-1/4" OUTSIDE DIA. IRON PIPE 1.13 LBS/FT)	
ACCESS RIGHTS	AR		
ACRES	AC		
CHORD BEARING	CH BRG		
CHORD DISTANCE	CH DIS	EXISTING R/W POINT	
DEED	(D)	CORPORATE LIMITS	
DOCUMENT	DOC	EXISTING R/W	
EAST BOUND	EB	SECTION LINE	
GAS VALVE	GV	QUARTER LINE	
INLET	IL	SIXTEENTH LINE	
LENGTH OF CURVE	L	PROPOSED OR NEW R/W LINE	
MANHOLE	MH	PROPOSED EASEMENT LINE	
MONUMENT	MON		
NORTH BOUND	NB	PARCEL NUMBER	(00)
PAGE	PG		
PERMANENT	PERM	UTILITY PARCEL NUMBER	000
PERMANENT LIMITED EASEMENT	PLE		
PRIVATE DRIVEWAY	PD	PROPERTY LINE	PL
PROPERTY LINE	PL		
RADIUS	RAD	LOT, TIE AND OTHER MINOR DASHED LINES	
REFERENCE LINE	RL		
REMAINING	REM	ACCESS RESTRICTED (By Previous Project/Control)	
RIGHT OF WAY	R/W		
SECTION	SEC	NO ACCESS (By Acquisition)	
SECTION LINE	S		
FOUND IRON PIPE	IP	NO ACCESS (By Statutory Authority)	
STATION	STA		
TEMPORARY INTEREST	TI	LIMITED EASEMENT (Temporary or Permanent)	
TEMPORARY LIMITED EASEMENT	TLE		
TIE POINT	DBI	BURIED FIBER OPTICS CABLE	
VOLUME	VOL	BURIED TELEPHONE CABLE	
ADJOINING LANDS WITH SAME OWNER		BURIED GAS LINE	
PARALLEL TO LINE	00'		
BUILDING TO BE RAZED			
FEE ACQUISITION	VARIOUS HATCHING		

NOTES:

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS AND ARE REFERENCED TO THE US PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

RIGHT OF WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

AREAS SHOWN IN THE TOTAL ACRES COLUMN OF THE SCHEDULE OF LANDS & INTEREST TABLE MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

COORDINATES AS SHOWN ARE NOT INTENDED TO BE USED FOR RETRACEMENT PURPOSES AND MUST BE VERIFIED WITH THE COUNTY SURVEY DEPARTMENT.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, OUTAGAMIE COUNTY ZONE, NAD OF 1983 (1997) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VAILUES ON THIS PLAT.

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 AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING RIGHT OF WAY WAS ACQUIRED FROM PROJECT(S): 6430-06-00 AND COUNTY TAX MAPS

EXISTING ACCESS CONTROL WAS ACQUIRED UNDER PROJECT(S):
1146-1-22

RIGHT OF WAY REFERENCE LINE MAY NOT BE THE SAME AS THE CONSTRUCTION REFERENCE LINE.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE DEPARTMENT OF TRANSPORTATION.

THE ACRE FIGURE SHOWN IS FOR APPRAISAL INFORMATION ONLY AND IS NOT INTENDED TO INDICATE THE ACTUAL PARCEL SIZE.

R-15-E

R-16-E

88° 30'

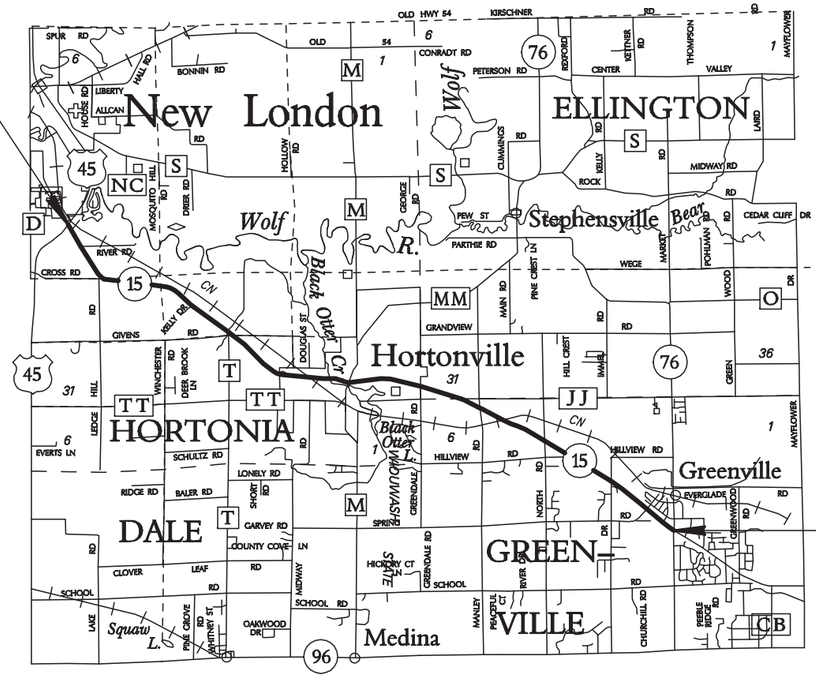
200,000'

T-22-N

T-21-N

Town of Mukwa

Town of Caledonia



END RELOCATION ORDER
PROJECT 1146-75-21
STATION 566+89.98
END AT STH 76

BEGIN RELOCATION ORDER
PROJECT 1146-75-21
STATION 33+54.08
BEGIN AT USH 45

LAYOUT
0 1.0 MI.
SCALE

TOTAL NET LENGTH OF CENTERLINE = 10.10 MI.

REVISION DATE
08/07/2012 N/C
03/25/2013 N/C
07/26/2013 N/C
09/10/2013 N/C
11/01/13 N/C
12/05/2013 N/C
01/17/2014 N/C

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS 2019

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED:

DATE: 02/01/2012 Norman A. Pawelczyk
NORMAN PAWELCZYK

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13, 15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

SE–NE

SW–NW

SW–NE

TOWN

SE–SE

SW–SW

SW–SE

CANADIAN NATIONAL RAILROAD

GIVENS ROAD

GIVENS ROAD

STH 15

OF

NW–NW

NW–NE

HORTONIA

PL

PL

PL

PL

T 22 N
R 15 E
28 27
33 34

T 22 N
R 15 E
27
34

4

4

1

N

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
1	JOSEPH A HELEN SAMBS (VENDOR) KEVIN & JANE SAMBS (PURCHASER)	FEE	25.667

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE 09/10/2013 N/C 08/07/2012 11/01/13 N/C 03/25/2013 N/C 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.02
			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 145 E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040102_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist3 PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
2	STEVEN L. KOEPPL & GERALDINE L. KOEPPL	FEE	8.940
3	NICHOLAS D. SARGENT	FEE	0.390
7	DANIEL J. KOEPPL, DENNIS J. KOEPPL, & ETAL	FEE	7.140
13	PAUL A. CAPTAIN	FEE	0.630

TOWN

SE–NE

SW–NW

SW–NE

SW–SE

SW–SW

SE–SE

NE–NW

NE–NE

NW–NW

NW–NE

OF

HORTONIA

LONE HICKORY LANE

HARRIS WAY

138 JOHN ST

N. OAK STREET/CTH "M"

N. CREST STREET/ CTH "M"

N. MASH STREET

LOT 1 CSM #4252 VOL.23, PG.4242 DOC.#1453682

LOT 2 CSM#4252 VOL.23, PG.4242 DOC.#1453682

LOT 2 CSM #4385 VOL. 24, PG. 4385 DOC.#1480743

LOT 1 CSM #4385 VOL. 24, PG. 4385 DOC.#1480743

LOT 3 CSM #4385 VOL. 24, PG. 4385 DOC.#1480743

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE 09/10/2013 N/C 08/07/2012 11/01/13 N/C 03/25/2013 N/C 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.03	
			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 146	E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040103_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : 10-27-03 Originator : Dist3JMM PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

TOWN

SE–SE

OF

SW–SW

ELLINGTON

SW–SE

T 22 N R 16 E 35 36 — T 22 N R 15 E

MANLEY ROAD

T 22 N R 16 E 31

T 22 N R 16 E 31 32

T 22 N R 16 E 32

4

4

CTH "JJ"

T 22 N R 16 E 6 5

PL

PL

PL

MANLEY ROAD

STH 15

NE–NW

NW–NW

NW–NE

LOT 1
CSM #6409
VOL. 38, PG. 6409
DOC.#1938080

5

6

NE–NE

TOWN

PL

PL

PL

NE–SW

NE–SE

OF

NW–SW

NW–SE

GREENVILLE

CANADIAN NATIONAL RAILROAD

T 21 N R 16 E 6 5

SCALE 1" = 1000'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
4	CAROL L.TILLOE, f/n/a CAROL KRAUSE	FEE	0.620
5	ESTS. JACK J. PATRICIA JACK	FEE	2.516
6	ESTS. J. PATRICIA JACK (HYDROPO DEBORAH J. JACK (PURCHASER)	FEE	2.500

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

REVISION DATE 09/10/2013 N/C 08/07/2012 11/01/13 N/C 03/25/2013 N/C 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.04
			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 147 E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040104_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : 040103rmw.l ORG DATE : 10-27-03 Originator : Dist3JMM PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

TOWN

NW–SE

NE–SE

NW–SW

NE–SW

SW–SE

SE–SE

SW–SW

SE–SW

OF

HORTONIA

RIVER ROAD

STH 15

CANADIAN NATIONAL RAILROAD

CROSS ROAD

LEMKE HILL ROAD

T 22 N
R 15 E
19 20

T 22 N
R 15 E
19 30

T 22 N
R 15 E
19 20
30 29

4

4

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
8	TIMOTHY P. COENEN	FEE	4.930

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

REVISION DATE 09/10/2013 N/C 08/07/2012 11/01/13 N/C 03/25/2013 N/C 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C	**DATE**	**NOT TO SCALE**	**HWY: STH 15**	**STATE R/W PROJECT NUMBER 1146-75 21**	**PLAT SHEET NO: 4.05**
			COUNTY: OUTAGAMIE	**CONSTRUCTION PROJECT NUMBER 1146-75-21**	**PS&E SHEET NO:** 148 **E**

FILE NAME : C:\USERS\P\D3\114675A\DGN\040105_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : 10-27-03 Originator : Dist3JMM PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
9	NANETTE L. ROZELLE	FEE	0.790
14	ANDREW BUDZISKA & SHELLY M. SPRINGSTROH	FEE	0.940
16	JOHN P. FORTH & SUSAN M. FORTH	FEE	2.70
17	PATRICK A. GRIESBACH & DAWN L. GRIESBACH	FEE	2.01
19	RACINE ENTERPRISES, LLC	FEE	0.710

TOWN

NW–SE

NE–SE

STH 15

NW–SW

NE–SW

OF

SE–SE

SW–SE

NORTH ROAD

LOT 1 CSM#3738

LOT 2 CSM#3738

LOT 2 CSM #5337 VOL. 30, PG. 5337 DOC.#1706710

LOT 1 CSM #5337 VOL. 30, PG. 5337 DOC.#1706710

LOT 3 CSM #5337 VOL. 30, PG. 5337 DOC.#1706710

SW–SW

LOT 4 CSM#3738

LOT 3 CSM#3738

LOT 2 CSM#4053 VOL. 22 PG. 4053 DOC.#1407819

LOT 1 CSM#4053 VOL. 22 PG. 4053 DOC.#1407819

SE–SW

GREENVILLE

HILLVIEW ROAD

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE 09/10/2013 N/C 08/07/2012 11/01/13 03/25/2013 N/C 12/05/2013 07/26/2013 01/17/2014 N/C	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.06
			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 149 E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040106_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : 040103rmw.l ORG DATE : 10-27-03 Originator : Dist3JMM PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
10	KURTIS G. BRUSS	FEE	0.790
11	MARK A. NICOL & KRISTEN NICOL	FEE	3.000
12	FRANK E. POLK JR. & CHARLENE M. POLK	FEE	2.660

SW–NE

SE–NW

SW–NW

SE–NE

CANADIAN NATIONAL RAILROAD

10

11

12

LOT 1
CSM #2493
VOL. 13 CSM PG. 2493
DOC. 1283083

KELLY RIDGE

STH 15

NW–SW

NW–SE

NE–SW

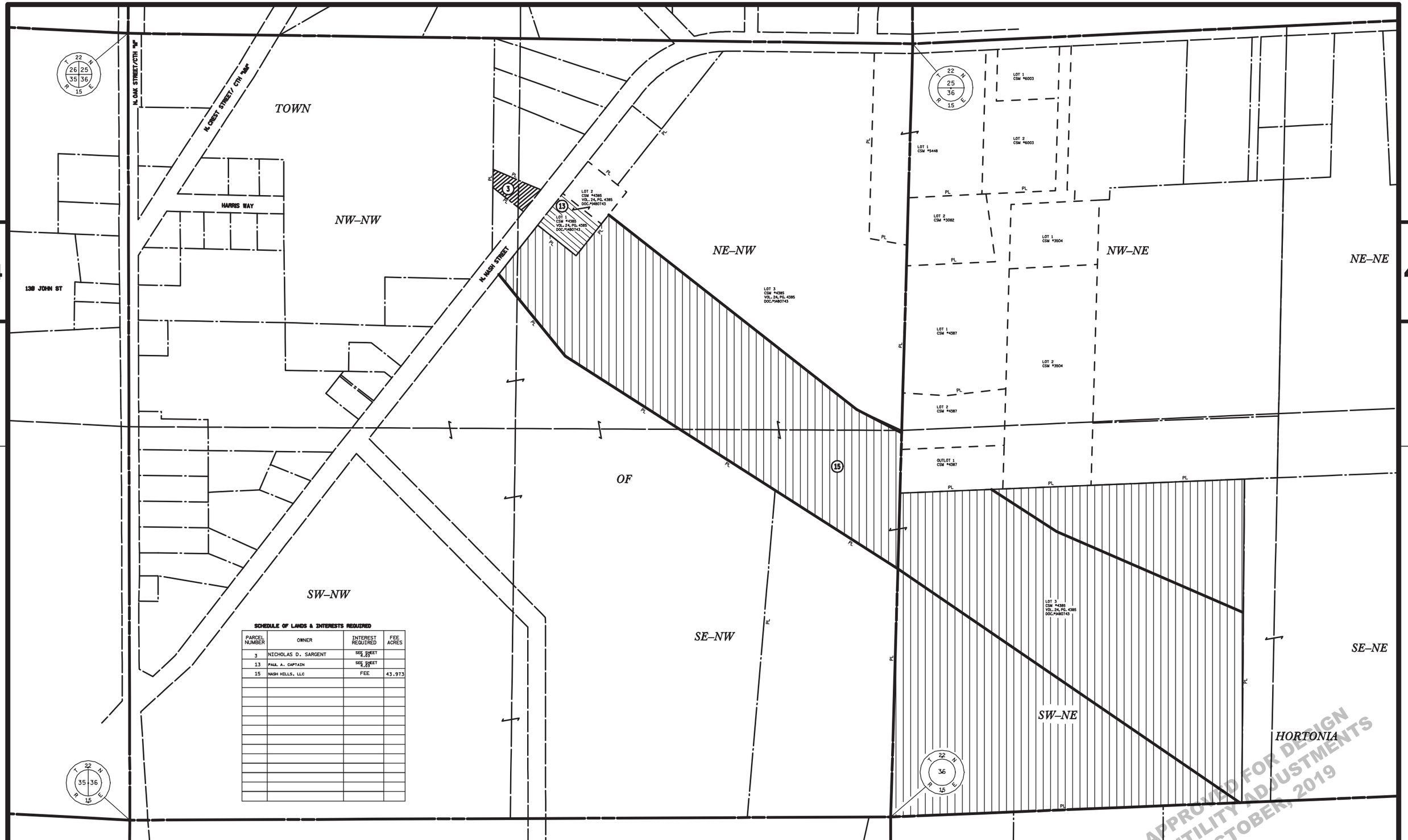
NE–SE

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.07	
09/10/2013 N/C 08/07/2012 11/01/13 N/C 03/25/2013 N/C 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO:	E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040107_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : 10-27-03 Originator : Dist3JMM PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
3	NICHOLAS D. SARGENT	SEE SHEET 4.03	
13	PAUL A. CAPTAIN	SEE SHEET 4.03	
15	NASH HILLS, LLC	FEE	43.973

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE 11/01/13 N/C 03/25/2013 12/05/2013 N/C 07/26/2013 N/C 01/17/2014 N/C 09/10/2013	**DATE**	**NOT TO SCALE**	**HWY: STH 15**	**STATE R/W PROJECT NUMBER 1146-75 21**	**PLAT SHEET NO: 4.08**
			COUNTY: OUTAGAMIE	**CONSTRUCTION PROJECT NUMBER 1146-75-21**	**PS&E SHEET NO:** 151 **E**

FILE NAME : C:\USERS\P\D3\114675A\DGN\040108_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist3 PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
18	ROBERT J. & MARY P. NUSSBAUM	FEE	40.00

T 22 N R 16 E — 22

T 22 N R 16 E — 22-23

TOWN

NE–SW

NW–SE

NE–SE

18

OF

4

4

SE–SW

SW–SE

SE–SE

ELLINGTON

T 22 N R 16 E — 22 27

T 22 N R 16 E — 22 23 27 26

MARKET ROAD

WEGE ROAD

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

REVISION DATE	DATE		HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.09	
11/01/13 12/05/2013 N/C 01/17/2014 N/C		NOT TO SCALE	COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 152	E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040109_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist3 PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD

CTH "AA"

T 21 N R 16 E 32

T 21 N R 16 E 6 5

T 21 N R 16 E 5

MANLEY ROAD

GRN

NW–NW

NW–NE

NE–NW

4

4

STH 15

GREENVILLE

NW–SW

NW–SE

CANADIAN NATIONAL RAILROAD

NE–SW

20

T 21 N R 16 E 6 5

T 21 N R 16 E 5

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER	INTEREST REQUIRED	FEE ACRES
20	JAMES N. JENTZ & DEBRA J. JENTZ	FEE	8.96

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISION DATE 01/17/2014	DATE	NOT TO SCALE	HWY: STH 15	STATE R/W PROJECT NUMBER 1146-75 21	PLAT SHEET NO: 4.10	
			COUNTY: OUTAGAMIE	CONSTRUCTION PROJECT NUMBER 1146-75-21	PS&E SHEET NO: 153	E

FILE NAME : C:\USERS\P\D3\114675A\DGN\040110_rw.dgn PLOT DATE : 16-JAN-2014 10:19 PLOT BY : $$...plotuser...$$ PLOT NAME : ORG DATE : Originator : Dist3 PLOT SCALE : 468.101823:1.000000

WISDOT/CADDS SHEET TOD



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION PROJECT PLAT TITLE SHEET

PROJECT NO. 1146-75-22

STH 76 - NEW LONDON
(LILY OF THE VALLEY DRIVE - USH 45)
STH 15
OUTAGAMIE COUNTY

NOTES:

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, OUTAGAMIE COUNTY ZONE, ENGLISH, NAD83(2007) ADJUSTMENT. THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT. TYPE 2 MONUMENTS ARE TYPICALLY 1" I.D. x 24" IRON PIPES WEIGHING 1.68 LBS/FT. UNLESS OTHERWISE NOTED.

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.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. EXCLUDING RIGHT-OF-WAY BOUNDARIES, THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

NOT WITHSTANDING ITS DEPICTION ON A PLAT, THE BOUNDARY OF A PARCEL EXTENDS TO THE BOUNDARY OF THE ADJOINING PROPERTY PARCEL OR BODY OF WATER.

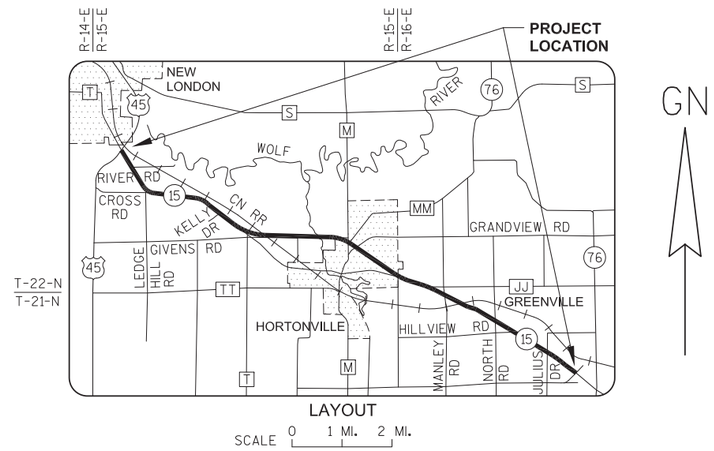
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE. ALL TLEs 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 THE NECESSARY EQUIPMENT THEREON AND 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 NECESSARY OR DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHT 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.

A HIGHWAY EASEMENT (HE) 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 NECESSARY OR DESIRABLE.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION REGION OFFICE IN GREEN BAY.



LAYOUT

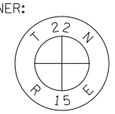
SCALE 0 1 MI. 2 MI.

GN

CONVENTIONAL SYMBOLS AND ABBREVIATIONS

SECTION LINE		AC	ACRES
QUARTER LINE		ACC	ACCESS CONTROL
SIXTEENTH LINE		AP	ACCESS POINT
NEW REFERENCE LINE		BAR	ROUND IRON REBAR
NEW R/W LINE		BLDG	BUILDING
EXISTING R/W LINE		C	CURVE
PROPERTY LINE	P.L.	CSM	CERTIFIED SURVEY MAP
LOT AND TIE LINES		DOC	DOCUMENT
UNDERGROUND FACILITY	G (TYPE)	E	ELECTRIC CABLE
TEMP. LIMITED EASEMENT		EX	EXISTING
PERM. LIMITED EASEMENT		FO	FIBER OPTIC CABLE
R/W MONUMENT (SET)		FRAC	FRACTIONAL
IRON PIPE OR BAR (FOUND)		G	GAS MAIN
SIGN		GAR	GARAGE
POWER POLE		H	HOUSE
TELEPHONE POLE		HE	HIGHWAY EASEMENT
UTILITY PEDESTAL		INL	INLET
LIGHT POLE		IP	IRON PIPE
POLE		J/I	JACKET/IMAGE
MANHOLE		MC	MEANDER CORNER
INLET		MH	MANHOLE
HYDRANT		M/L	MEANDER LINE
VALVE		N.T.	NON-TANGENT
R/W GUARD POST		OH	OVERHEAD UTILITY LINE
P. POLE (COMPENSABLE)		OL	OUTLOT
PEDESTAL (COMPENSABLE)		PID	TAX PARCEL IDENTIFICATION NUMBER
RECORDED AS	(SLANTED)	PERM	PERMANENT
SAME OWNERSHIP		P.L.	PROPERTY LINE
ACCESS RESTRICTED (BY ACQUISITION)		PLE	PERMANENT LIMITED EASEMENT
ACCESS RESTRICTED (BY PREVIOUS PROJECT/CONTROL)		POS	PLAT OF SURVEY
NO ACCESS (BY STATUTORY AUTHORITY)		PP	POWER POLE
POINT NUMBER, MAJOR	X	R/L	REFERENCE LINE
POINT NUMBER, MINOR	X	ROR	RELEASE OF RIGHTS
POINT NUMBER, EXISTING IRON PIPES / MONUMENTS	X	R/W	RIGHT OF WAY
		RWGP	R/W GUARD POST
		SAN	SANITARY SEWER
		SEC	SECTION
		SS	STORM SEWER
		T	TELEPHONE CABLE
		TEMP	TEMPORARY
		TLE	TEMPORARY LIMITED EASEMENT
		TV	CABLE TELEVISION
		VAR	VARIES
		V/P	VOLUME/PAGE

SECTION CORNER:



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22-4.01
SHEET 2 OF 2
AMENDMENT NO:

REVISED: 05/01/2014

040400_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.35 AMENDMENT NO. 1

AMENDS PARCEL 124 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.35 RECORDED AS DOCUMENT NO. 2019928. PART OF LOTS 1 AND 2 OF CSM 5287, AND PART OF THE FRACTIONAL NW1/4-SW1/4 AND THE FRACTIONAL SW1/4-SW1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON; AND PART OF THE FRACTIONAL NW1/4-SW1/4 OF SECTION 31, T22N, R16E IN THE VILLAGE OF HORTONVILLE; ALL IN OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

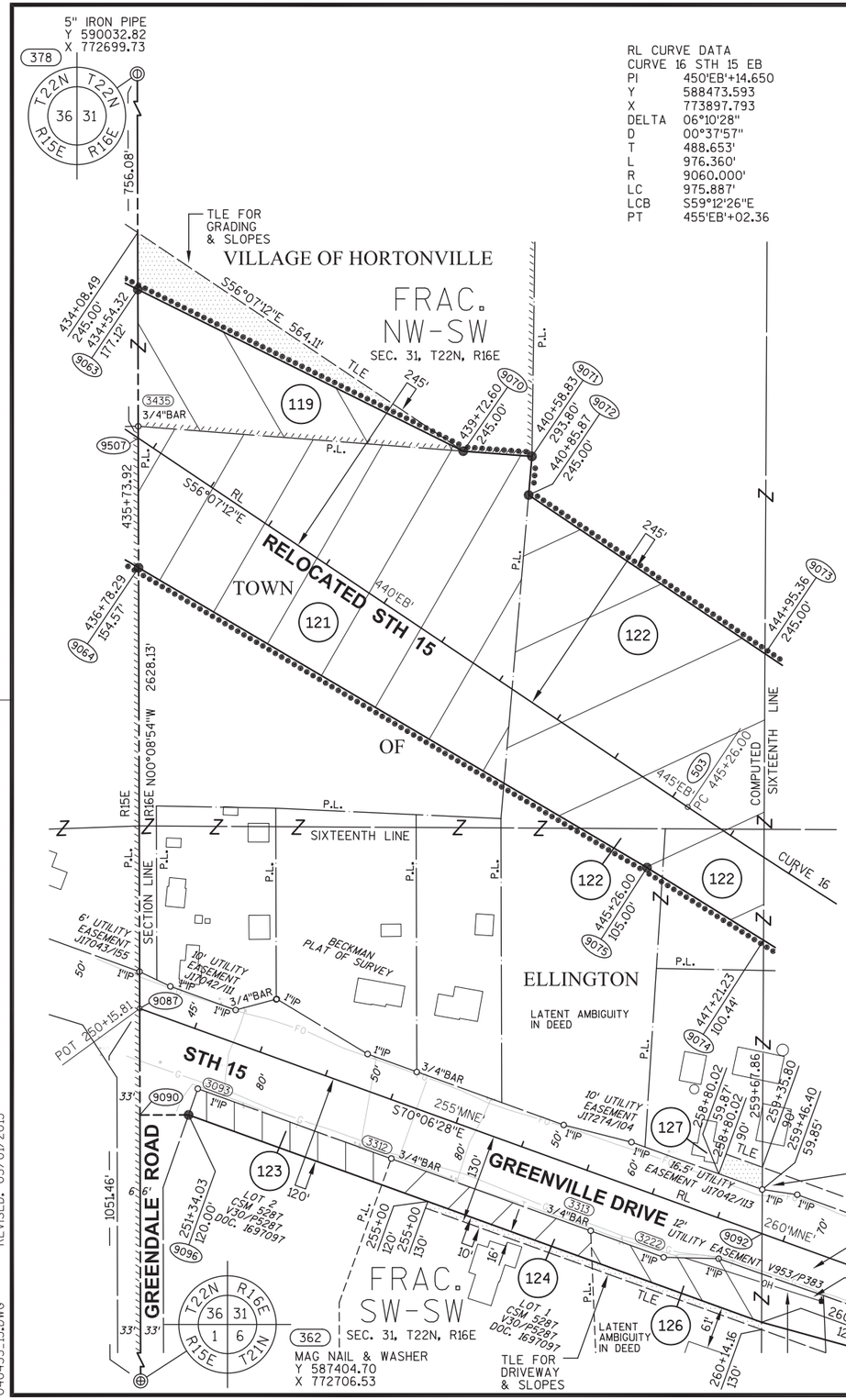
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2046215**
Date: **06-16-2015** Time: **10:27 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.35
AMENDMENT NO: 1



RL CURVE DATA
CURVE 16 STH 15 EB

PI	450'EB'+14.650
Y	588473.593
X	773897.793
DELTA	06°10'28"
D	00°37'57"
T	488.653'
L	976.360'
R	9060.000'
LC	975.887'
LCB	S59°12'26"E
PT	455'EB'+02.36

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
119	VILLAGE OF HORTONVILLE	FEE, TLE	1.056	0	1.056	0.440
121	ALVIN H. LEMKE	FEE	4.302	0	4.302	0
122	ARNOLD J. & MARY S. WEYERS	FEE	3.469	0	3.469	0
123	PATRICK & DAWN McNICHOLS	FEE	0.271	0	0.271	0
124	COMMUNITY FIRST CREDIT UNION	FEE, TLE	0.287	0	0.287	0.058
126	DON E. PARKER	FEE, TLE	0.301	0	0.301	0.060
127	ALVIN H. LEMKE JR.	TLE	0	0	0	0.042

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
378	9063	S00°08'54"E	542.37'
9063	9070	S63°34'56"E	522.70'
9070	9071	S85°37'34"E	99.08'
9071	9072	S04°53'22"W	55.79'
9072	9073	S56°07'12"E	409.49'
9073	9074	S00°17'18"W	412.14'
9074	9075	N58°03'36"W	197.50'
9075	9064	N59°28'01"W	849.16'
9064	9063	N00°08'54"W	400.22'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
362	9090	N00°08'54"W	898.21'
9090	9087	N00°08'54"W	153.25'
9087	9092	S70°06'27"E	952.04'
9092	9093	S00°17'18"W	127.38'
9093	9096	N70°06'28"W	876.56'
9096	9090	S89°51'06"W	69.94'

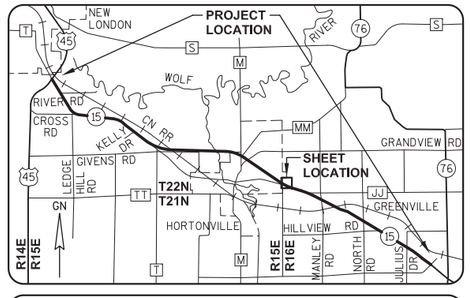
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.10	2011
GREENVILLE RD.	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
503	588745.994	773492.109
9087	588456.149	772703.811
9092	588132.213	773599.050
9507	589276.735	772701.685



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.35, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/01/2015 — DAVID L. ROBERTS, PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/11/2015 — CURT VAN EREM, REAL ESTATE SUPERVISOR

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

FINAL DESIGN ADJUSTMENTS OCTOBER, 2019

040435_15.DWG REVISED: 05/01/2015

APPRAISAL PLAT DATE:

2022510

Recorded

August 18, 2014 11:56 AM

OUTAGAMIE COUNTY
SARAH R VAN CAMP
REGISTER OF DEEDS

Fee Amount: $30.00
Total Pages: 1

Document Number
AFFIDAVIT OF CORRECTION
TRANSPORTATION PROJECT PLAT

Wisconsin Department of Transportation
s.84.095(3)(b) Wis. Stats.
DT1590 8/2006

This Affidavit of Correction applies to Transportation Project Plat 1146-75-22 - 4.35, recorded in Document #2019928 in the Office of the Register of Deeds for Outagamie County.

The owner of Parcel 123 was shown on the original TPP (recorded on 07-15-2014) as Dennis H. & Lois Zemple. The correct current owner of Parcel 123 should instead be Patrick & Dawn McNichols.

This space is reserved for recording data (1)

Return to

Wisconsin Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Attn: Real Estate

Parcel Identification Number/Tax Key Number
080077800

I certify that I represent the entity, which prepared or submitted the original plat.
This Affidavit of Correction has been approved by the Wisconsin Department of Transportation.

David L. Roberts
(Signature)

DAVID L. ROBERTS
(Print Name)

Professional Land Surveyor
(Title)

Subscribed and sworn to before me this date.

8/12/14
(Date)

State of Wisconsin)
) ss.
Portage County)

(Signature, Notary Public, State of Wisconsin)

NICK TRZEBIATOWSKI
(Print or Type Name, Notary Public, State of Wisconsin)

12/25/15
(Date Commission Expires)

Seal(s)

Project ID 1146-75-22 This instrument was drafted by Gremmer & Associates Parcel No. 123

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

2022511

Recorded

August 18, 2014 11:56 AM

OUTAGAMIE COUNTY
SARAH R VAN CAMP
REGISTER OF DEEDS

Fee Amount: $30.00
Total Pages: 1

Document Number
AFFIDAVIT OF CORRECTION
TRANSPORTATION PROJECT PLAT

Wisconsin Department of Transportation
s.84.095(3)(b) Wis. Stats.
DT1590 8/2006

This Affidavit of Correction applies to Transportation Project Plat 1146-75-22 - 4.35, recorded in Document #2019928 in the Office of the Register of Deeds for Outagamie County.

The owner of Parcel 124 was shown on the original TPP (recorded on 07-15-2014) as Wayne V. & Zella J. Gerdts (LC). The correct current owner of Parcel 124 should instead be Dennis H. Zemple & Lois Zemple, & Community First Credit Union.

This space is reserved for recording data (1)

Return to

Wisconsin Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Attn: Real Estate

Parcel Identification Number/Tax Key Number
080077802

I certify that I represent the entity, which prepared or submitted the original plat.
This Affidavit of Correction has been approved by the Wisconsin Department of Transportation.

(Signature)

DAVID L. ROBERTS
(Print Name)

Professional Land Surveyor
(Title)

Subscribed and sworn to before me this date.

8/12/14
(Date)

State of Wisconsin)
) ss.
Portage County)

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

12/20/15
(Date Commission Expires)

Seal(s)

Project ID 1146-75-22 This instrument was drafted by Gremmer & Associates Parcel No. 124

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.35

PART OF LOTS 1 AND 2 OF CSM 5287, AND PART OF THE FRACTIONAL NW1/4-SW1/4 AND THE FRACTIONAL SW1/4-SW1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON; AND PART OF THE FRACTIONAL NW1/4-SW1/4 OF SECTION 31, T22N, R16E IN THE VILLAGE OF HORTONVILLE; ALL IN OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2019928
Date: 07-15-2014 Time: 08:34 AM Pages: 1
Fee: $25.00 County: OUTAGAMIE State: WI
SARAH R VAN CAMP
REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter. ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.35
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

GN

5" IRON PIPE
Y 590032.82
X 772699.73

RL CURVE DATA
CURVE 16 STH 15 EB
PI 450'EB'+14.650
Y 588473.593
X 773897.793
DELTA 06°10'28"
D 00°37'57"
T 488.653'
L 976.360'
R 9060.000'
LC 975.887'
LCB S59°12'26"E
PT 455'EB'+02.36

VILLAGE OF HORTONVILLE
FRAC. NW-SW
SEC. 31, T22N, R16E
TOWN OF ELLINGTON
FRAC. SW-SW
SEC. 31, T22N, R16E
MAG NAIL & WASHER
Y 587404.70
X 772706.53
LATENT AMBIGUITY IN DEED
BECKMAN PLAT OF SURVEY
RELOCATED STH 15
STH 15
GREENVILLE DRIVE
GREENDALE ROAD
SIXTEENTH LINE
SECTION LINE
CURVE 16
COMPUTED SIXTEENTH LINE
TLE FOR GRADING & SLOPES
TLE FOR DRIVEWAY & SLOPES
POT 250+15.81
PC 445+26.00
756.08'
2628.13'
1051.46'
S56°07'12"E 564.11'
S70°06'28"E 255'MNE
260'MNE
440'EB'
445'EB'
J17042/I 13
V953/P383
(16.5' UTILITY EASEMENT ALONG EXISTING R/W LINE)
(12' UTILITY EASEMENT ALONG EXISTING R/W LINE)
NO RECORDS
SCALE, FEET
0' 100' 200'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
119	VILLAGE OF HORTONVILLE	FEE, TLE	1.056	0	1.056	0.440
121	ALVIN H. LEMKE	FEE	4.302	0	4.302	0
122	ARNOLD J. & MARY S. WEYERS	FEE	3.469	0	3.469	0
123	PATRICK & DAWN MCNICHOLS AFFIDAVIT DOC NO 2022510	FEE	0.271	0	0.271	0
124	DENNIS H. ZEMPLE & LOIS ZEMPLE COMMUNITY FIRST CREDIT UNION AFFIDAVIT DOC NO 2022511	FEE, TLE	0.287	0	0.287	0.058
126	DON E. PARKER	FEE, TLE	0.301	0	0.301	0.060
127	ALVIN H. LEMKE JR.	TLE	0	0	0	0.042

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
378	9063	S00°08'54"E	542.37'
9063	9070	S63°34'56"E	522.70'
9070	9071	S85°37'34"E	99.08'
9071	9072	S04°53'22"W	55.79'
9072	9073	S56°07'12"E	409.49'
9073	9074	S00°17'18"W	412.14'
9074	9075	N58°03'36"W	197.50'
9075	9064	N59°28'01"W	849.16'
9064	9063	N00°08'54"W	400.22'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
362	9090	N00°08'54"W	898.21'
9090	9087	N00°08'54"W	153.25'
9087	9092	S70°06'27"E	952.04'
9092	9093	S00°17'18"W	127.38'
9093	9096	N70°06'28"W	876.56'
9096	9090	S89°51'06"W	69.94'

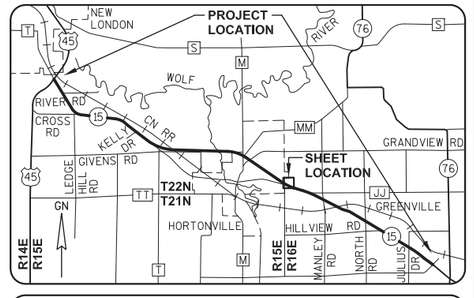
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.10	2011
GREENVILLE RD.	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
503	588745.994	773492.109
9087	588456.149	772703.811
9092	588132.213	773599.050
9507	589276.735	772701.685



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.35, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/08/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 7/09/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

040435_15.DWG REVISED: 07/08/2014

APPRAISAL PLAT DATE:

PRELIMINARY DESIGN ADJUSTMENTS OCTOBER 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.36 AMENDMENT NO: 2

AMENDS PARCELS 129 AND 131 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.36, RECORDED AS DOCUMENT #2019929, PART OF THE NE1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 31, T22N, R16E, ALL IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

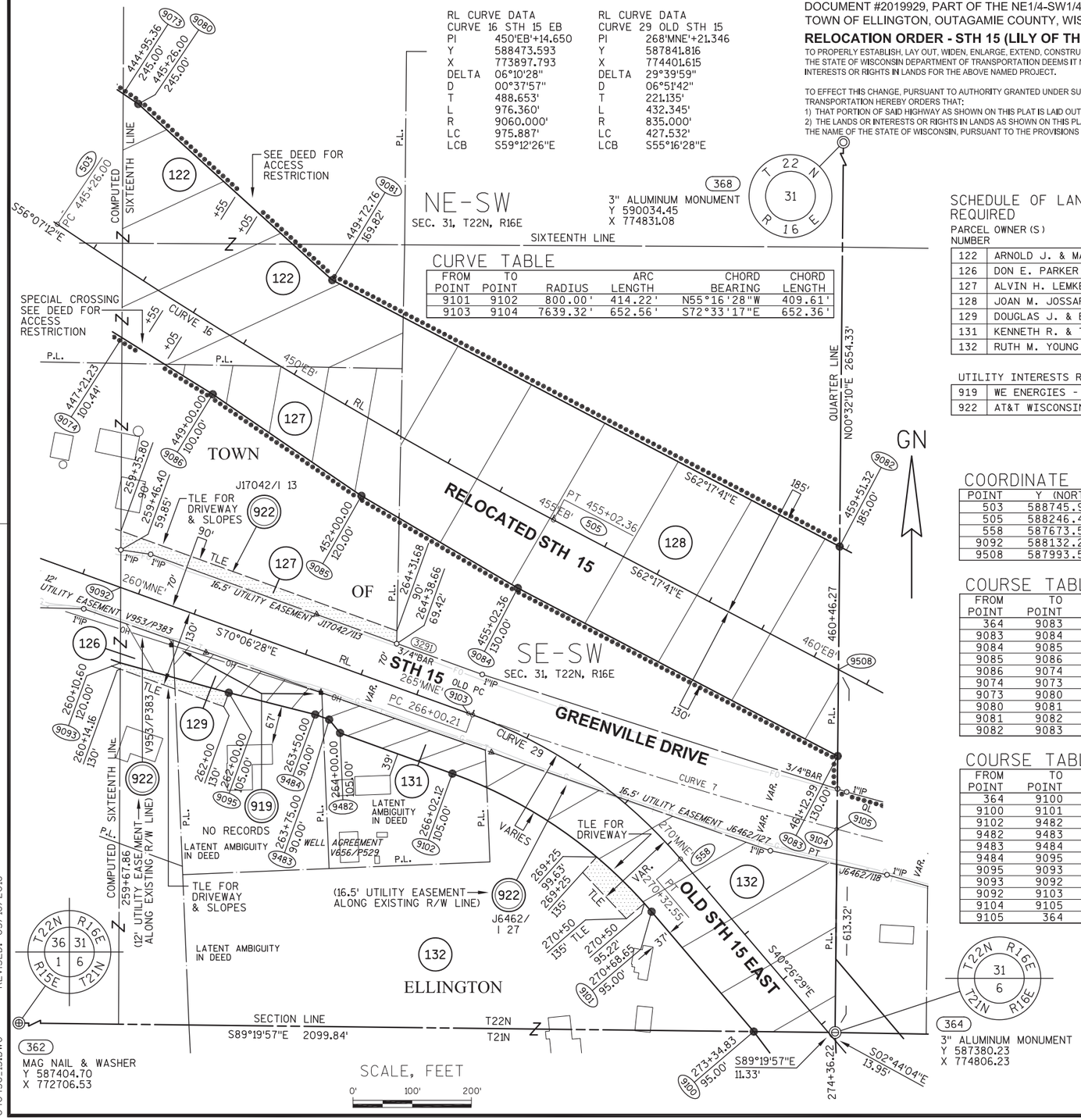
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2075773
Date: 06-22-2016 Time: 07:53 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.36
AMENDMENT NO: 2



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	TOTAL	TLE ACRES TEMP.
122	ARNOLD J. & MARY S. WEYERS	FEE	2.765	0	2.765	0
126	DON E. PARKER	FEE, TLE	0.137	0	0.137	0.031
127	ALVIN H. LEMKE JR.	FEE, TLE	1.170	0	1.170	0.237
128	JOAN M. JOSSART SURVIVOR'S TRUST	FEE	6.009	0	6.009	0
129	DOUGLAS J. & BRENDA K. SCHWOBE	FEE, TLE	0.299	0	0.299	0.045
131	KENNETH R. & THOMAS L. WYNBOOM	FEE	0.364	0	0.364	0
132	RUTH M. YOUNG	FEE, TLE	2.573	0	2.573	0.098

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
503	588745.994	773492.109
505	588246.406	774330.421
558	587673.516	774545.058
9092	588132.213	773599.050
9508	587993.527	774811.975

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9083	N00°32'10"E	467.20'
9083	9084	N62°17'41"W	610.63'
9084	9085	N59°28'13"W	306.68'
9085	9086	N55°39'57"W	304.29'
9086	9074	N58°03'36"W	180.74'
9074	9073	N00°17'18"E	412.14'
9073	9080	S56°07'12"E	30.64'
9080	9081	S47°45'45"E	442.91'
9081	9082	S62°17'41"E	968.34'
9082	9083	S00°32'10"W	354.07'

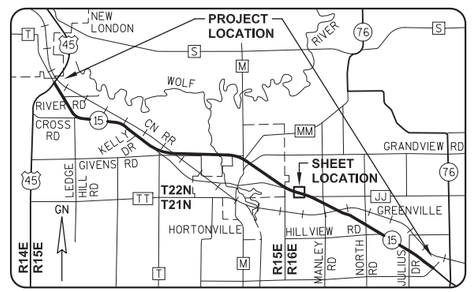
COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9100	N89°19'57"W	137.41'
9100	9101	N40°26'29"W	266.18'
9102	9482	N70°06'28"W	201.88'
9482	9483	N39°08'38"W	29.15'
9483	9484	N70°06'28"W	25.00'
9484	9095	N75°49'06"W	150.75'
9095	9093	N74°38'09"W	190.00'
9093	9092	N00°17'18"E	127.38'
9092	9103	S70°06'28"E	624.79'
9104	9105	S75°00'07"E	0.55'
9105	364	S00°32'10"W	343.69'

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.36, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 05/16/2016 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 06/21/2016 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

ADJUSTED FOR DESIGN CHANGES OCTOBER, 2019

040436_15.DWG REVISED: 05/16/2016

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.36 AMENDMENT NO: 1

AMENDS PARCELS 122 AND 127 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.36, RECORDED AS DOCUMENT #2019929, PART OF THE NE1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 31, T22N, R16E, ALL IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

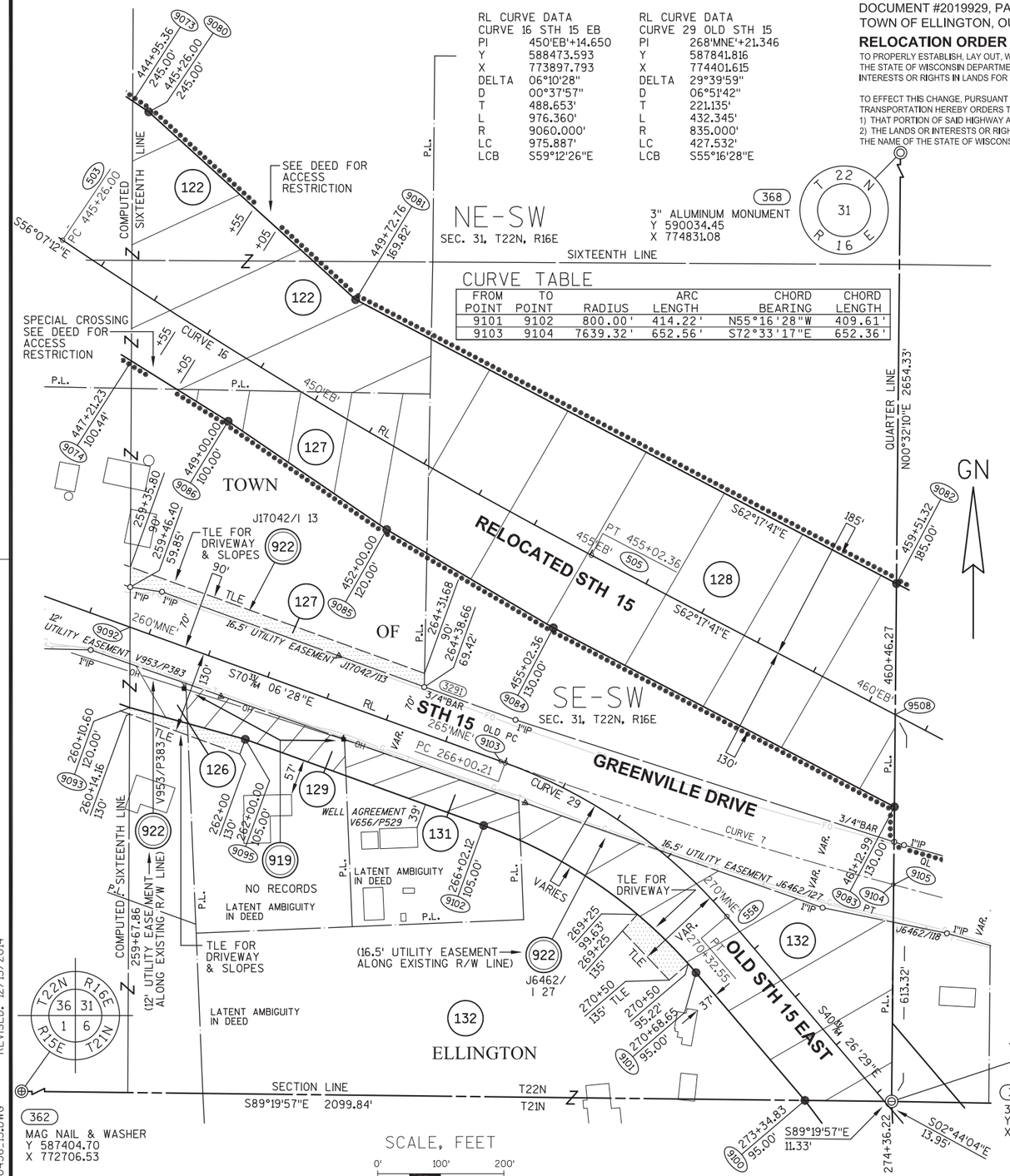
RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2035596
Date: 02-06-2015 Time: 09:17 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.36
AMENDMENT NO: 1



REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
122	ARNOLD J. & MARY S. WEYERS	FEE	2.765	0	2.765	0
126	DON E. PARKER	FEE, TLE	0.137	0	0.137	0.031
127	ALVIN H. LEMKE JR.	FEE, TLE	1.170	0	1.170	0.237
128	JOAN M. JOSSART SURVIVOR'S TRUST	FEE	6.009	0	6.009	0
129	DOUGLAS J. & BRENDA K. SCHWOBE	FEE, TLE	0.330	0	0.330	0.045
131	KENNETH R. & THOMAS L. WYNBOOM	FEE	0.371	0	0.371	0
132	RUTH M. YOUNG	FEE, TLE	2.573	0	2.573	0.098

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9101	9102	800.00'	414.22'	N55°16'28"W	409.61'
9103	9104	7639.32'	652.56'	S72°33'17"E	652.36'

COORDINATE TABLE

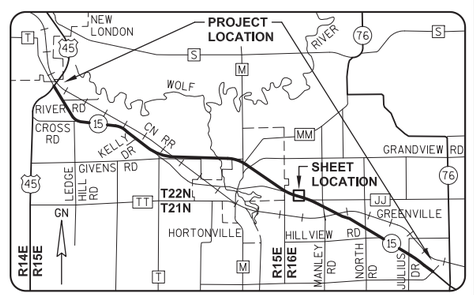
POINT	Y (NORTH)	X (EAST)
503	588745.994	773492.109
505	588246.406	774330.421
558	587673.516	774545.058
9092	588132.213	773599.050
9508	587993.527	774811.975

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9083	N00°32'10"E	467.20'
9083	9084	N62°17'41"W	610.63'
9084	9085	N59°28'13"W	306.68'
9085	9086	N55°39'57"W	304.29'
9086	9074	N58°03'36"W	180.74'
9074	9073	N00°17'18"E	412.14'
9073	9080	S56°07'12"E	30.64'
9080	9081	S47°45'45"E	442.91'
9081	9082	S62°17'41"E	968.34'
9082	9083	S00°32'10"W	354.07'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9100	N89°19'57"W	137.41'
9100	9101	N40°26'29"W	266.18'
9102	9095	N70°06'28"W	401.88'
9095	9093	N74°38'09"W	190.00'
9093	9092	N00°17'18"E	127.38'
9092	9103	S70°06'28"E	624.79'
9104	9105	S75°00'07"E	0.55'
9105	364	S00°32'10"W	343.69'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.36, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 12/13/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/4/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

REVISED: 12/13/2014
040436_15.DWG

APPRAISAL PLAT DATE:

PROVIDED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.36

PART OF THE NE1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 31, T22N, R16E, ALL IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

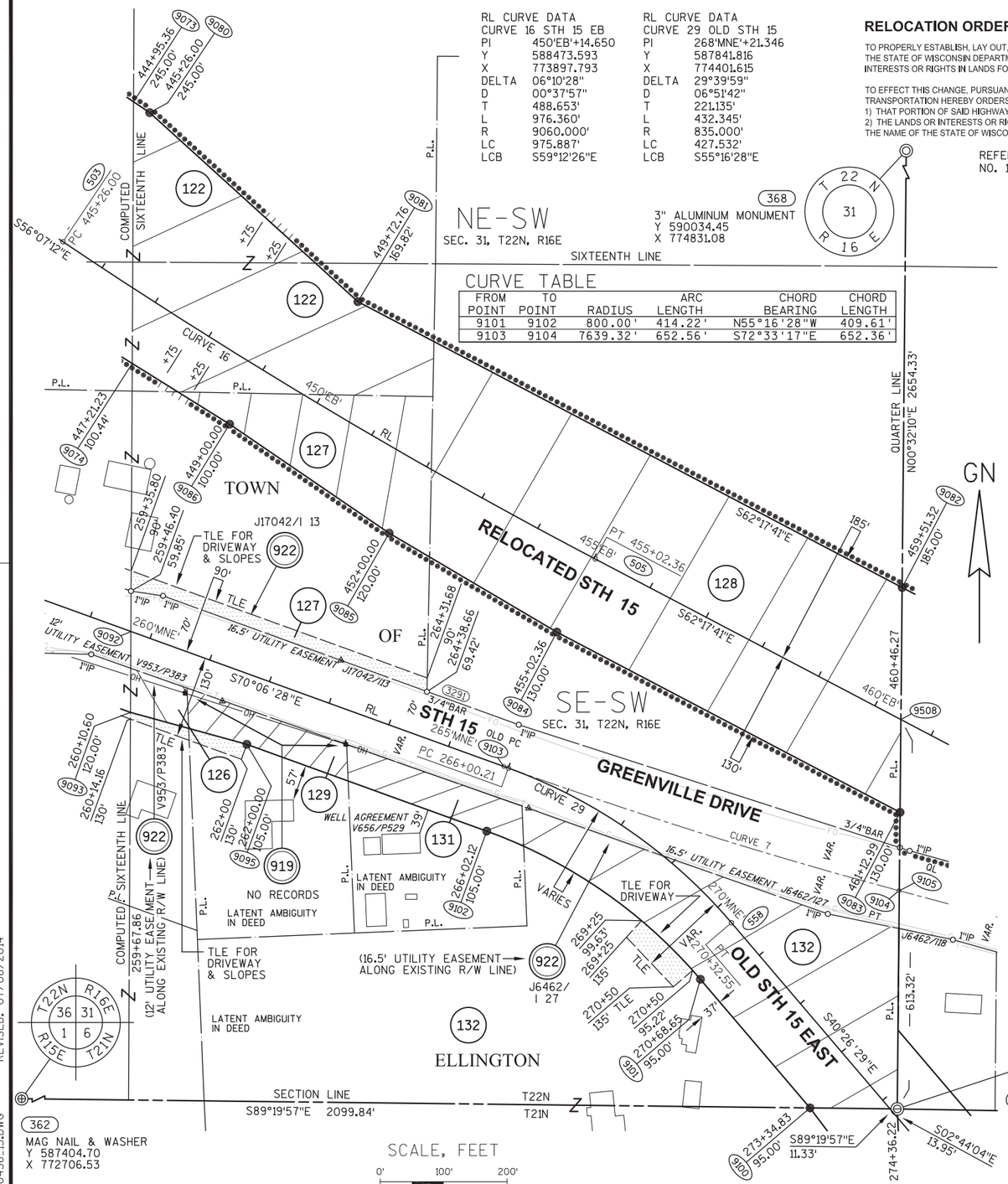
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document # 2019929
Date 07-15-2014 Time 08:36 AM Pages 1
Fee $25.00 County OUTAGAMIE State WI
SARAH R VAN CAMP
REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically received and returned to the submitter. ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.36
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
122	ARNOLD J. & MARY S. WEYERS	FEE, ACCESS RIGHTS	2.765	0	2.765	0
126	DON E. PARKER	FEE, TLE	0.137	0	0.137	0.031
127	ALVIN H. LEMKE JR.	FEE, ACCESS RIGHTS, TLE	1.170	0	1.170	0.237
128	JOAN M. JOSSART SURVIVOR'S TRUST	FEE	6.009	0	6.009	0
129	DOUGLAS J. & BRENDA K. SCHWOBE	FEE, TLE	0.330	0	0.330	0.045
131	KENNETH R. & THOMAS L. WYNBOOM	FEE	0.371	0	0.371	0
132	RUTH M. YOUNG	FEE, TLE	2.573	0	2.573	0.098

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

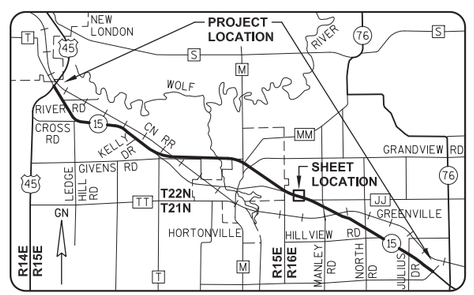
POINT	Y (NORTH)	X (EAST)
503	588745.994	773492.109
505	588246.406	774330.421
558	587673.516	774545.058
9092	588132.213	773599.050
9508	587993.527	774811.975

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9083	N00°32'10"E	467.20'
9083	9084	N62°17'41"W	610.63'
9084	9085	N59°28'13"W	306.68'
9085	9086	N55°39'57"W	304.29'
9086	9074	N58°03'36"W	180.74'
9074	9073	N00°17'18"E	412.14'
9073	9080	S56°07'12"E	30.64'
9080	9081	S47°45'45"E	442.91'
9081	9082	S62°17'41"E	968.34'
9082	9083	S00°32'10"W	354.07'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9100	N89°19'57"W	137.41'
9100	9101	N40°26'29"W	266.18'
9102	9095	N70°06'28"W	401.88'
9095	9093	N74°38'09"W	190.00'
9093	9092	N00°17'18"E	127.38'
9092	9103	S70°06'28"E	624.79'
9104	9105	S75°00'07"E	0.55'
9105	364	S00°32'10"W	343.69'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.36, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/08/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 7/09/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

REVISED: 07/08/2014
UPDATED PLAT DESIGN AND RIGHT OF WAY ADJUSTMENTS OCTOBER, 2019

040436_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.37 AMENDMENT NO. 2

AMENDS PARCEL 133 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.37 AMENDMENT NO. 1, RECORDED AS DOCUMENT #2071908, AND PARCEL 139 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.37 RECORDED AS DOCUMENT #2019930. PART OF THE SW1/4-SE1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2087239
Date: 10-17-2016 Time: 02:26 PM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.37
AMENDMENT NO: 2

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

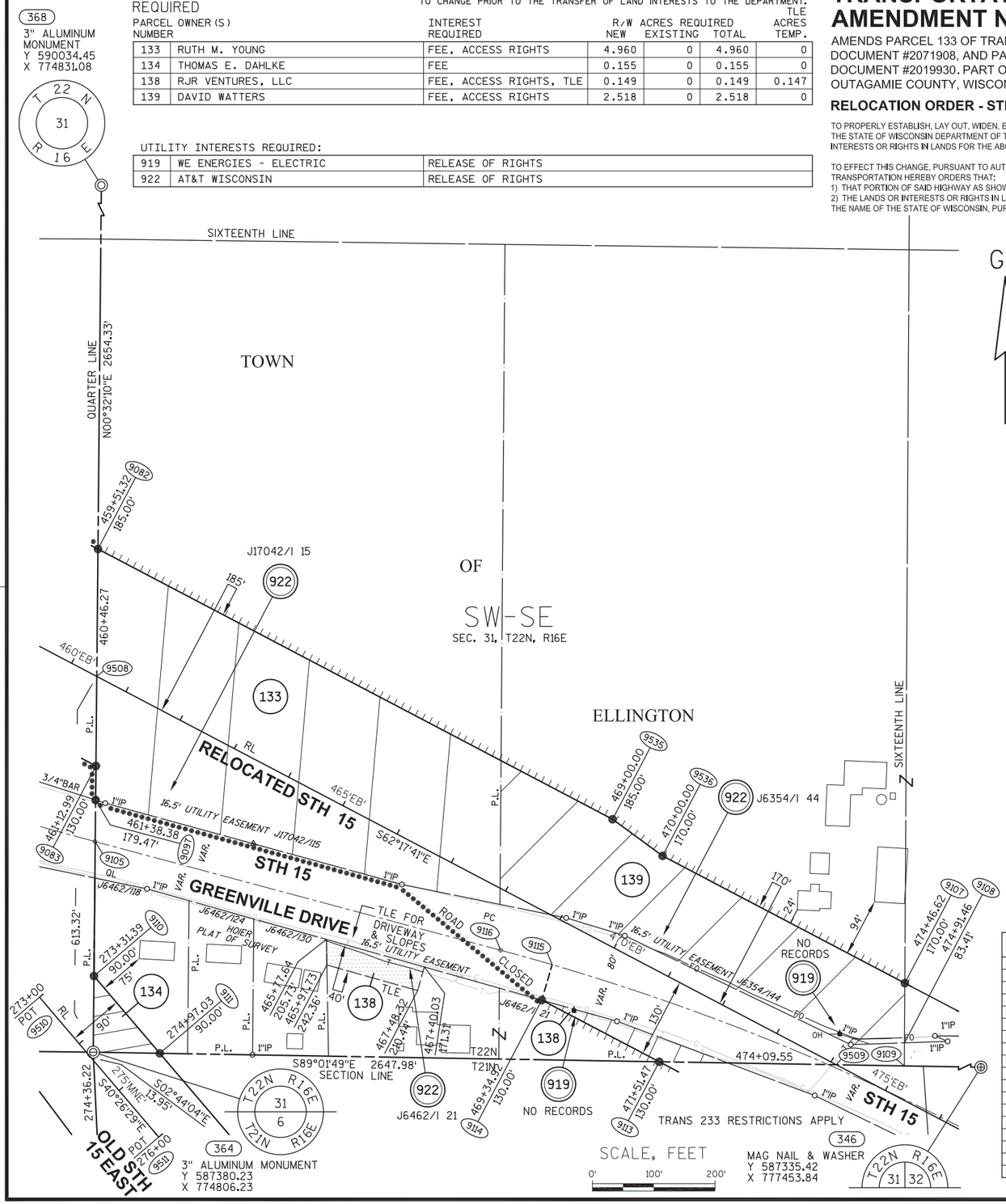
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
133	RUTH M. YOUNG	FEE, ACCESS RIGHTS	4.960	0	4.960	0
134	THOMAS E. DAHLKE	FEE	0.155	0	0.155	0
138	RJR VENTURES, LLC	FEE, ACCESS RIGHTS, TLE	0.149	0	0.149	0.147
139	DAVID WATTERS	FEE, ACCESS RIGHTS	2.518	0	2.518	0

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

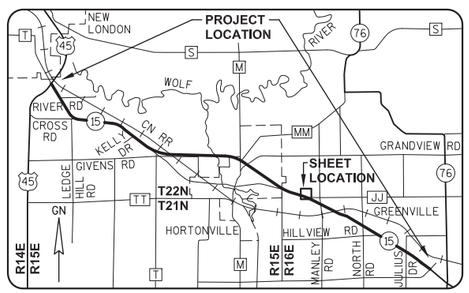
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9115	9116	3819.73'	87.37'	N74°20'48"W	87.37'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9508	587993.527	774811.975
9509	587359.706	776018.951
9510	587469.967	774718.539
9511	587241.646	774913.140

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9110	N00°32'10"E	124.23'
9110	9111	S40°26'29"E	165.64'
9111	364	N89°01'49"W	108.62'
364	9105	N00°32'10"E	343.69'
9105	9097	N00°32'10"E	67.90'
9097	9083	N00°32'10"E	55.60'
9083	9082	N00°32'10"E	354.07'
9082	9535	S62°17'41"E	948.68'
9535	9536	S53°45'50"E	101.12'
9536	9107	S62°17'41"E	446.63'
9107	9108	S00°19'50"W	97.50'
9108	9109	S00°19'50"W	37.65'
9109	9113	N89°01'49"W	400.07'
9113	9114	N62°17'41"W	216.55'
9114	9115	N16°18'31"E	60.22'
9115	9116	SEE CURVE TABLE	
9116	9105	N75°00'07"W	684.97'
364	9509	S89°01'49"E	1212.89'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 1146-75-22-4.37, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/19/2016 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/10/2016 CURT VAN FREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CERTIFIED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

040437.15.DWG REVISED: 09/19/2016

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.37 AMENDMENT NO. 1

AMENDS PARCEL 133 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.37, RECORDED AS DOCUMENT #2019930, PART OF THE SW1/4-SE1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2071908
Date: 05-09-2016 Time: 04:20 PM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.37
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
133	RUTH M. YOUNG	FEE, ACCESS RIGHTS, TLE	4.960	0	4.960	0.197
134	THOMAS E. DAHLKE	FEE	0.155	0	0.155	0
138	RJR VENTURES, LLC	FEE, ACCESS RIGHTS, TLE	0.149	0	0.149	0.147
139	DAVID WATTERS	FEE, ACCESS RIGHTS, TLE	2.688	0	2.688	0.512

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

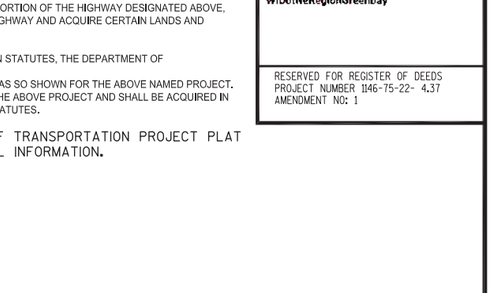
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9115	9116	3819.73'	87.37'	N74°20'48"W	87.37'

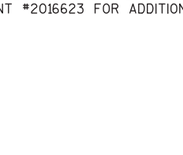
COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9508	587993.527	774811.975
9509	587359.706	776018.951
9510	587469.967	774718.539
9511	587241.646	774913.140

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9110	N00°32'10"E	124.23'
9110	9111	S40°26'29"E	165.64'
9111	364	N89°01'49"W	108.62'
364	9105	N00°32'10"E	343.69'
9105	9097	N00°32'10"E	67.90'
9097	9083	N00°32'10"E	55.60'
9083	9082	N00°32'10"E	354.07'
9082	9107	S62°17'41"E	1487.54'
9107	9108	S00°19'50"W	114.40'
9108	9109	S00°19'50"W	37.65'
9109	9113	N89°01'49"W	400.07'
9113	9114	N62°17'41"W	216.55'
9114	9115	N16°18'31"E	60.22'
9116	9105	N75°00'07"W	684.97'
364	9509	S89°01'49"E	1212.89'





GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

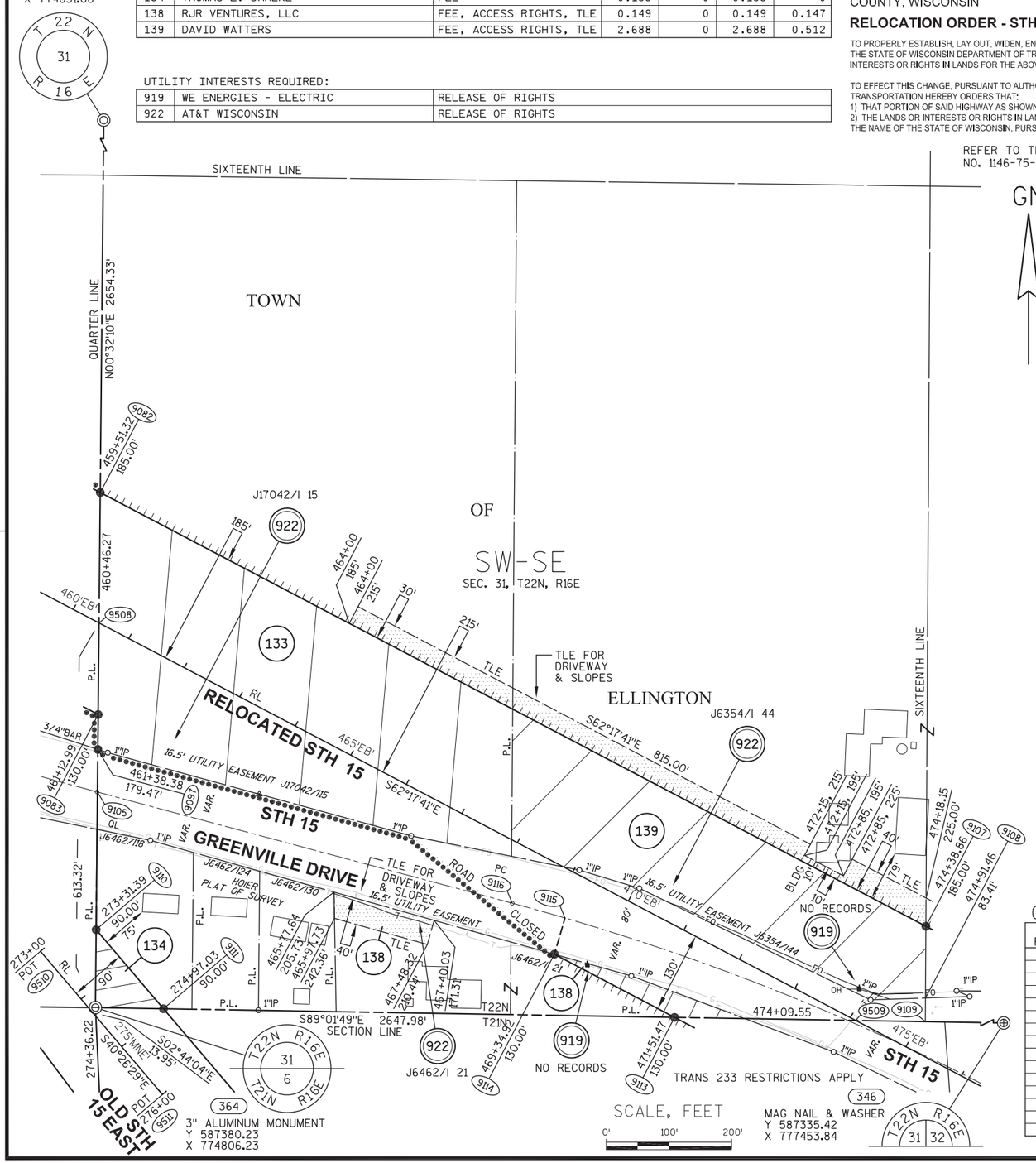
I, DAVID L. ROBERTS, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.37, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/02/2016 — DAVID L. ROBERTS, RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 5/08/2016 — CURT VAN EREM, REAL ESTATE SUPERVISOR

CERTIFIED FOR DESIGN ADJUSTMENTS OCTOBER, 2019



APPRAISAL PLAT DATE:

040437.15.DWG REVISED: 05/02/2016

2067034

Recorded

March 07, 2016 11:25 AM

OUTAGAMIE COUNTY
SARAH R VAN CAMP
REGISTER OF DEEDS

Fee Amount: $30.00
Total Pages: 1

Document Number
AFFIDAVIT OF CORRECTION
TRANSPORTATION PROJECT PLAT
Wisconsin Department of Transportation
s.84.095(3)(b) Wis. Stats.
DT1590 8/2006

This Affidavit of Correction applies to Transportation Project Plat 1146-75-22-4.37, recorded in Document # 2019930 in the Office of the Register of Deeds for Outagamie County.

The owner of Parcel 134 was shown on the original TPP (recorded on 07-15-2014) as Gail M. Puls Etal. The correct current owner of Parcel 134 should instead be Thomas E. Dahlke.

This space is reserved for recording data

Return to

Wisconsin Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Attn: Real Estate

Parcel Identification Number/Tax Key Number
080079300

KRISTIN M. SCHRADER NOTARY PUBLIC STATE OF WISCONSIN

I certify that I represent the entity, which prepared or submitted the original plat.
This Affidavit of Correction has been approved by the Wisconsin Department of Transportation.

Carolyn J. Sampson
(Signature)

Carolyn J. Sampson
(Print Name)

Right of Way Plat Coordinator
(Title)

Subscribed and sworn to before me this date.

3/3/2016
(Date)

State of Wisconsin)
) ss.
Brown County)

Kristin M Schrader
(Signature, Notary Public, State of Wisconsin)

Kristin M Schrader
(Print or Type Name, Notary Public, State of Wisconsin)

10/7/2017
(Date Commission Expires)

Seal(s)

Project ID 1146-75-22 This instrument was drafted by WisDOT Parcel No. 134

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.37

PART OF THE SW1/4-SE1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

Document # 2019930
Date 07-15-2014 Time 08:38 AM Pages 1
Fee $25.00 County OUTAGAMIE State WI
SARAH R VAN CAMP
REGISTER OF DEEDS
*** Document contains pages/sheets ***
This document has been electronically recorded and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.37
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE TEMP.
133	RUTH M. YOUNG	FEE, ACCESS RIGHTS, TLE	4.960	0	4.960	0.197
134	THOMAS E. DAHLKE	FEE	0.155	0	0.155	0
138	RJR VENTURES, LLC	FEE, ACCESS RIGHTS, TLE	0.149	0	0.149	0.147
139	DAVID WATTERS	FEE, ACCESS RIGHTS, TLE	2.688	0	2.688	0.512

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
	TPP 6430-06-00-4.10	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

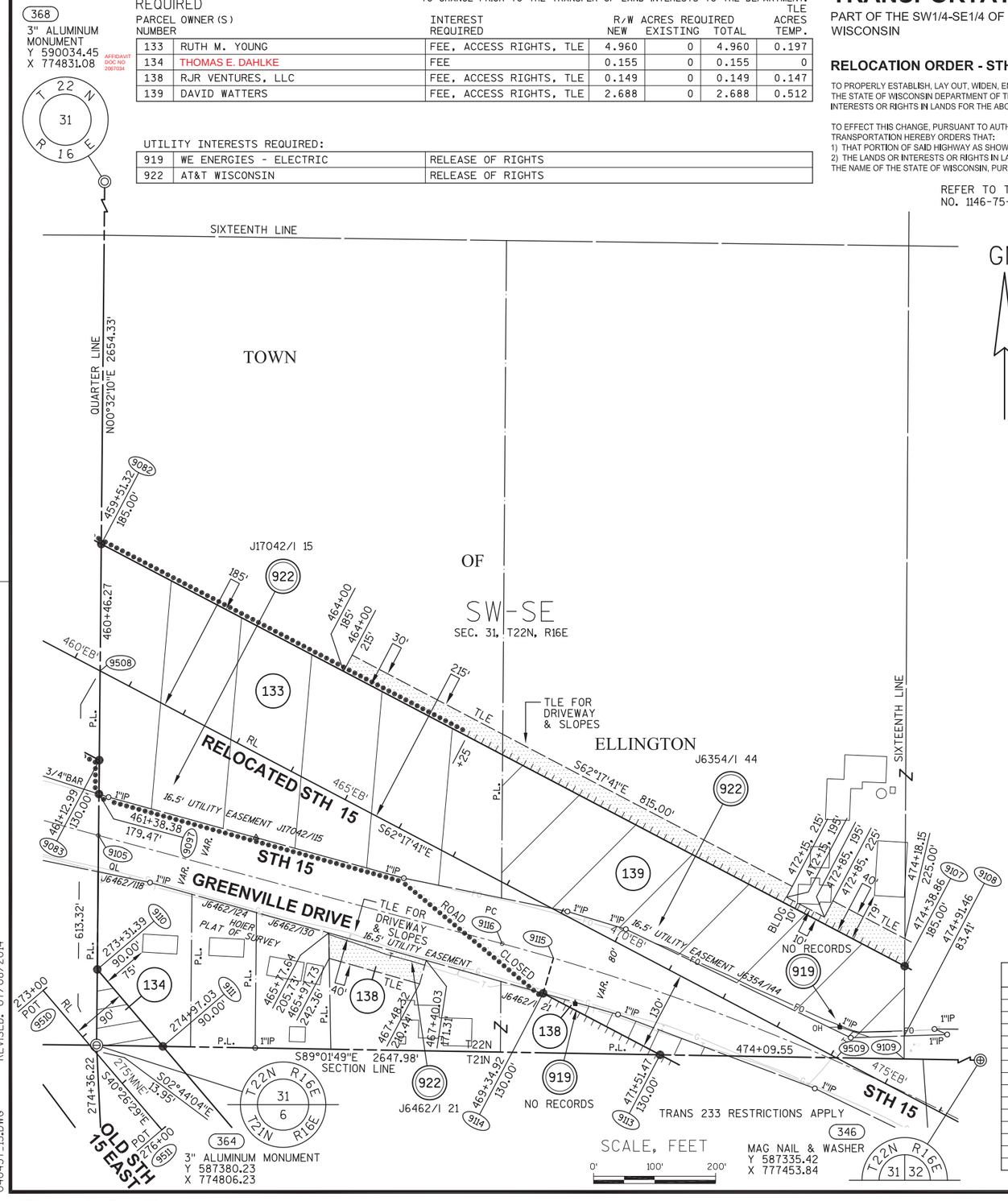
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9115	9116	3819.73'	87.37'	N74°20'48"W	87.37'

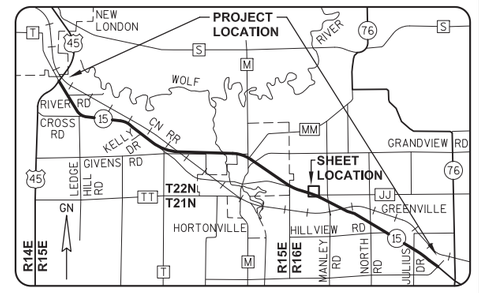
COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9508	587993.527	774811.975
9509	587359.706	776018.951
9510	587469.967	774718.539
9511	587241.646	774913.140

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9110	N00°32'10"E	124.23'
9110	9111	S40°26'29"E	165.64'
9111	364	N89°01'49"W	108.62'
364	9105	N00°32'10"E	343.69'
9105	9097	N00°32'10"E	67.90'
9097	9083	N00°32'10"E	55.60'
9083	9082	N00°32'10"E	354.07'
9082	9107	S62°17'41"E	1487.54'
9107	9108	S00°19'50"W	114.40'
9108	9109	S00°19'50"W	37.65'
9109	9113	N89°01'49"W	400.07'
9113	9114	N62°17'41"E	216.55'
9114	9115	N16°18'31"E	60.22'
9116	9105	N75°00'07"W	684.97'
364	9509	S89°01'49"E	1212.89'





WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.37, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/08/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 7/09/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

040437_15.DWG REVISED: 07/08/2014

APPRAISAL PLAT DATE:

UPDATED DESIGN ADJUSTMENTS OCTOBER 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.38

PART OF THE FRACTIONAL NE1/4-NW1/4 OF SECTION 6, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

Document #: 2019931
Date: 07-15-2014 Time: 08:40 AM Page: 1
Fee: $25.00 County: OUTAGAMIE State: WI

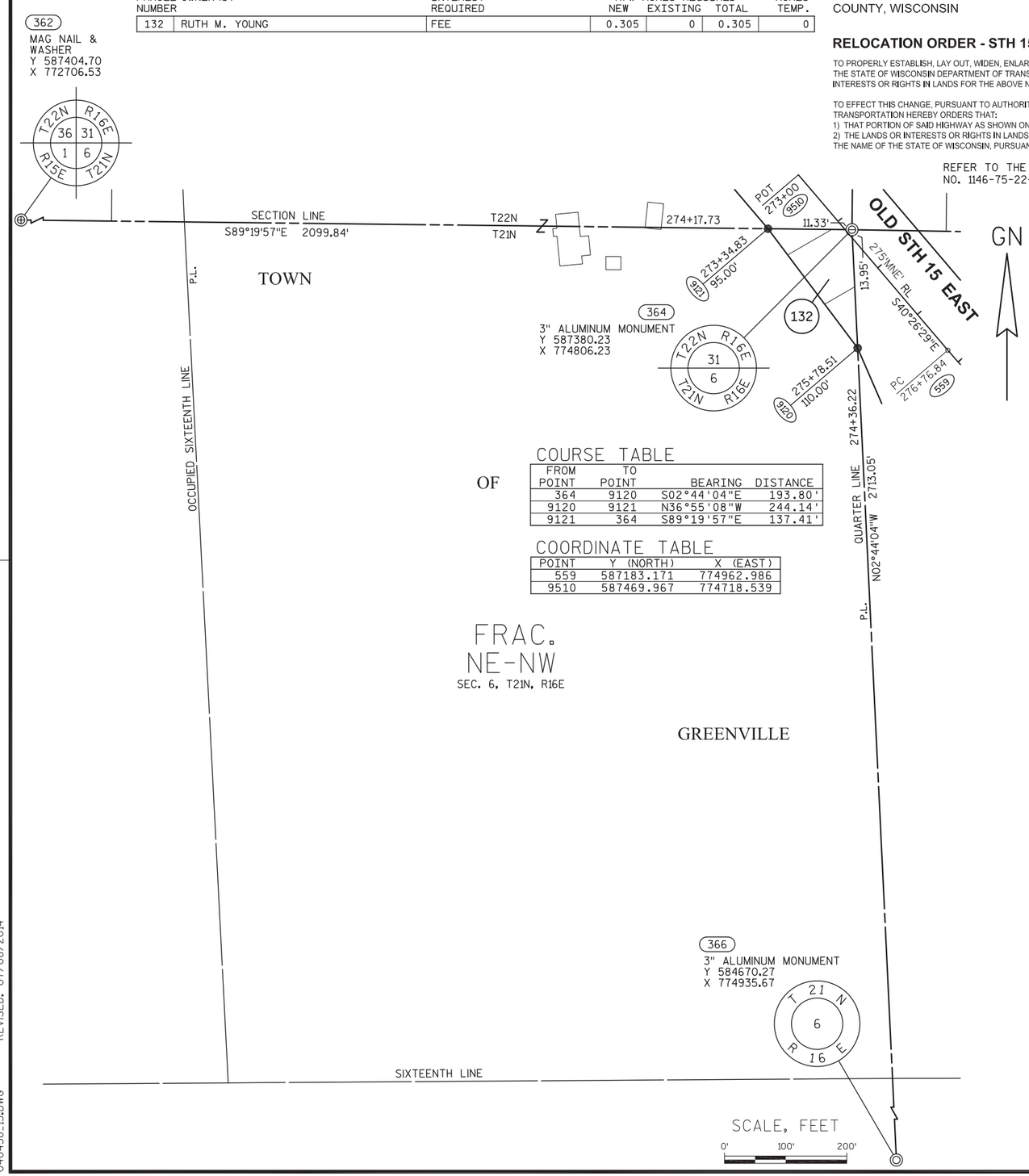
SARAH R VAN CAMP
REGISTER OF DEEDS
*** The above recording information verifies this page as the first page of the document recorded and returned to the submitter. ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.38
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
132	RUTH M. YOUNG	FEE	0.305	0	0.305	0

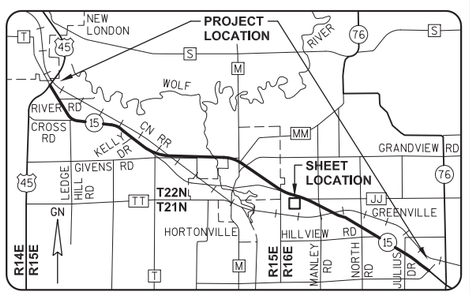


COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9120	S02°44'04"E	193.80'
9120	9121	N36°55'08"W	244.14'
9121	364	S89°19'57"E	137.41'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
559	587183.171	774962.986
9510	587469.967	774718.539



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.38, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/08/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 7/09/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

REVISED: 07/08/2014
040438.15.DWG

APPRAISAL PLAT DATE:

FOR RIGHT OF WAY DESIGN
AND PARCEL ADJUSTMENTS
AS OF OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.39

PART OF THE FRACTIONAL NW1/4-NE1/4 OF SECTION 6, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2022774
Date: 08-20-2014 Time: 07:51 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP
REGISTER OF DEEDS
***The above recording information verifies this document has been electronically

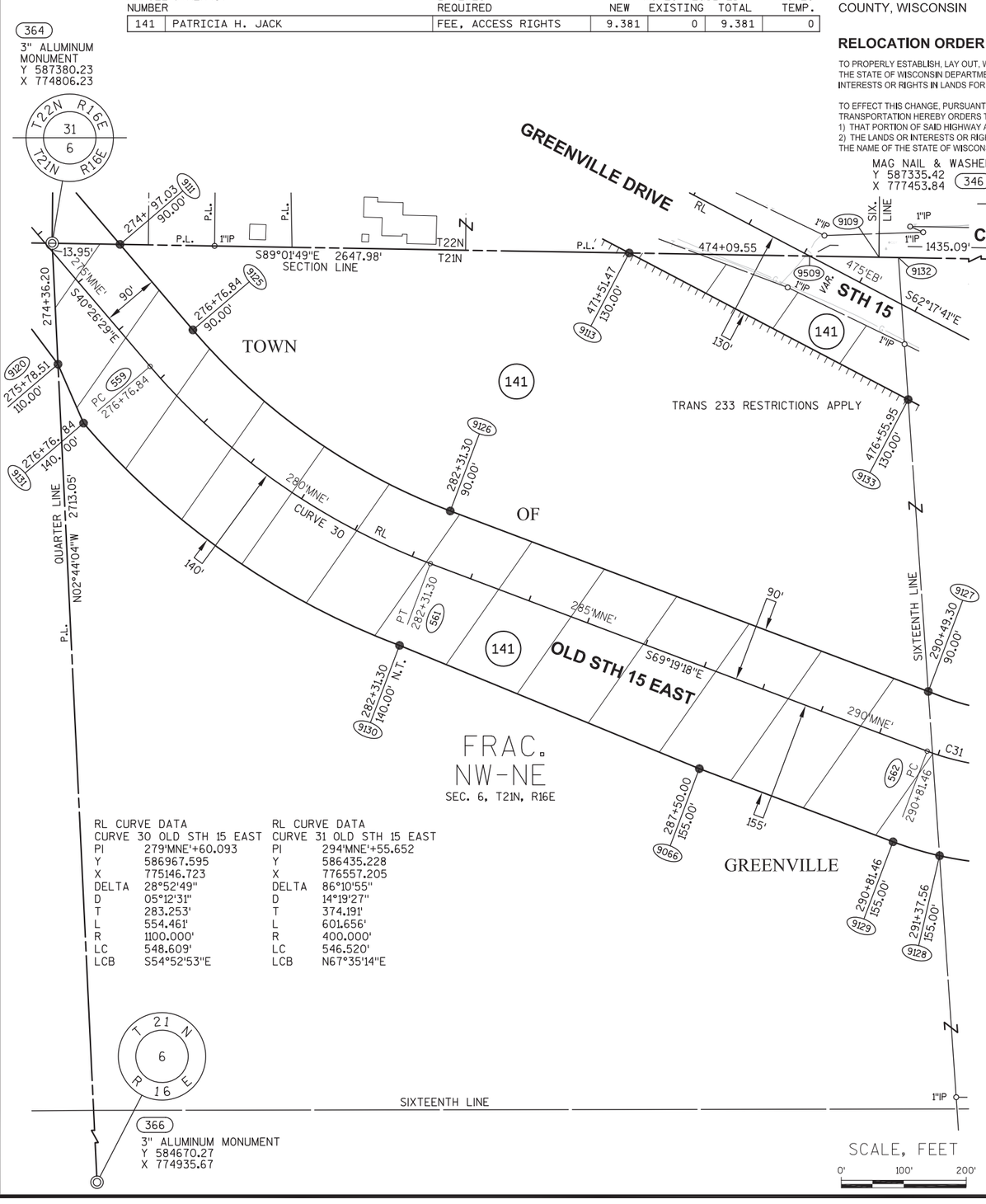
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.39
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
141	PATRICIA H. JACK	FEE, ACCESS RIGHTS	9.381	0	9.381	0



RL CURVE DATA	CURVE 30 OLD STH 15 EAST	RL CURVE DATA	CURVE 31 OLD STH 15 EAST
PI	279'MNE'+60.093	PI	294'MNE'+55.652
Y	586967.595	Y	586435.228
X	775146.723	X	776557.205
DELTA	28°52'49"	DELTA	86°10'55"
D	05°12'31"	D	14°19'27"
T	283.253'	T	374.191'
L	554.461'	L	601.656'
R	1100.000'	R	400.000'
LC	548.609'	LC	546.520'
LCB	S54°52'53"E	LCB	N67°35'14"E

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011

CURVE TABLE

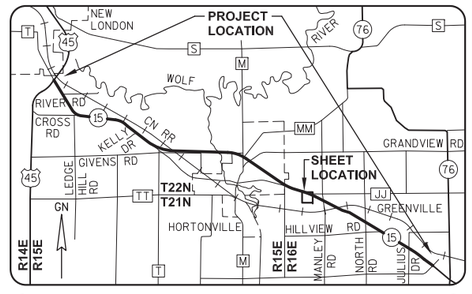
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9125	9126	1010.00'	509.10'	S54°52'53"E	503.72'
9128	9129	555.00'	77.84'	N73°20'22"W	77.78'
9130	9131	1240.00'	625.03'	N54°52'53"W	618.44'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
364	9111	S89°01'49"E	108.62'
9111	9125	S40°26'29"E	179.81'
9126	9127	S69°19'18"E	818.00'
9127	9128	S03°56'10"E	263.49'
9129	9066	N69°19'18"W	331.46'
9066	9130	N67°39'55"W	518.92'
9131	9120	N23°28'28"W	102.80'
9120	364	N02°44'04"W	193.80'
364	9113	S89°01'49"E	923.92'
9113	9132	S89°01'49"E	431.07'
9132	9133	S03°56'10"E	227.79'
9133	9113	N62°17'41"W	504.48'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
559	587183.171	774962.985
561	586867.573	775411.728
562	586567.363	776207.121
9509	587359.706	776018.951



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.39, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 8/13/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CERTIFIED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

040439_15.DWG REVISED: 07/23/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.40 AMENDMENT NO. 1

AMENDS PARCEL 139 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.40, RECORDED AS DOCUMENT #2022776, PART OF THE SE1/4-SE1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2087240
Date: 10-17-2016 Time: 02:26 PM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.40
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

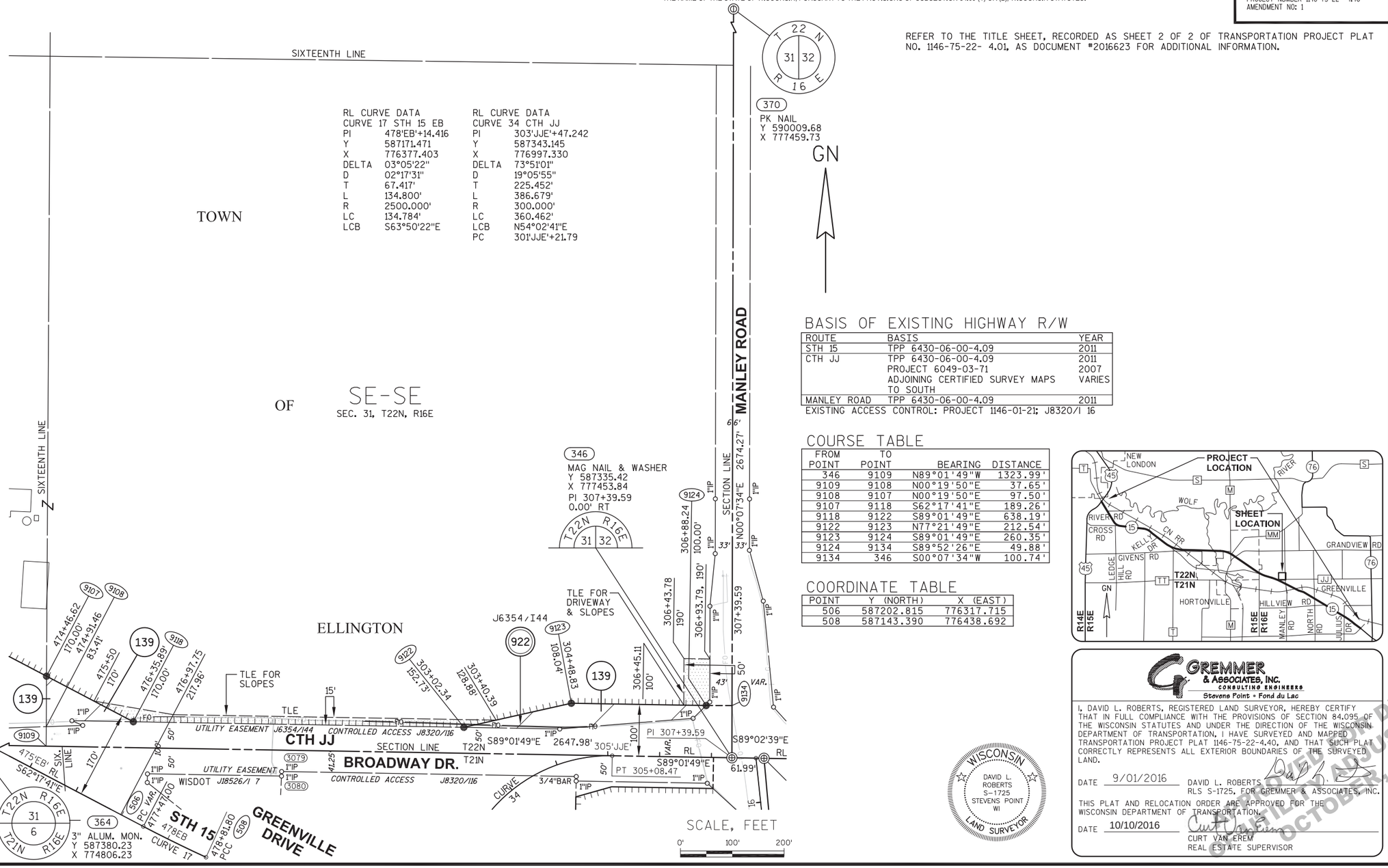
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
139	DAVID WATTERS	FEE, ACCESS RIGHTS, TLE	0.502	0	0.502	0.367

UTILITY INTERESTS REQUIRED:

922	AT&T WISCONSIN	RELEASE OF RIGHTS



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
CTH JJ	TPP 6430-06-00-4.09	2011
	PROJECT 6049-03-71	2007
	ADJOINING CERTIFIED SURVEY MAPS TO SOUTH	VARIES
MANLEY ROAD	TPP 6430-06-00-4.09	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; J8320/I 16

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
346	9109	N89°01'49"W	1323.99'
9109	9108	N00°19'50"E	37.65'
9108	9107	N00°19'50"E	97.50'
9107	9118	S62°17'41"E	189.26'
9118	9122	S89°01'49"E	638.19'
9122	9123	N77°21'49"E	212.54'
9123	9124	S89°01'49"E	260.35'
9124	9134	S89°52'26"E	49.88'
9134	346	S00°07'34"W	100.74'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
506	587202.815	776317.715
508	587143.390	776438.692

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.40, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/01/2016 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/10/2016 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

REVISED: 09/01/2016

CERTIFIED DESIGN ADJUSTMENTS OCTOBER, 2019

040440_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.40

PART OF THE SE1/4-SE1/4 OF SECTION 31, T22N, R16E, IN THE TOWN OF ELLINGTON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2022776
Date: 08-20-2014 Time: 07:51 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP
REGISTER OF DEEDS
***The above recording information verifies this document has been electronically

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.40
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

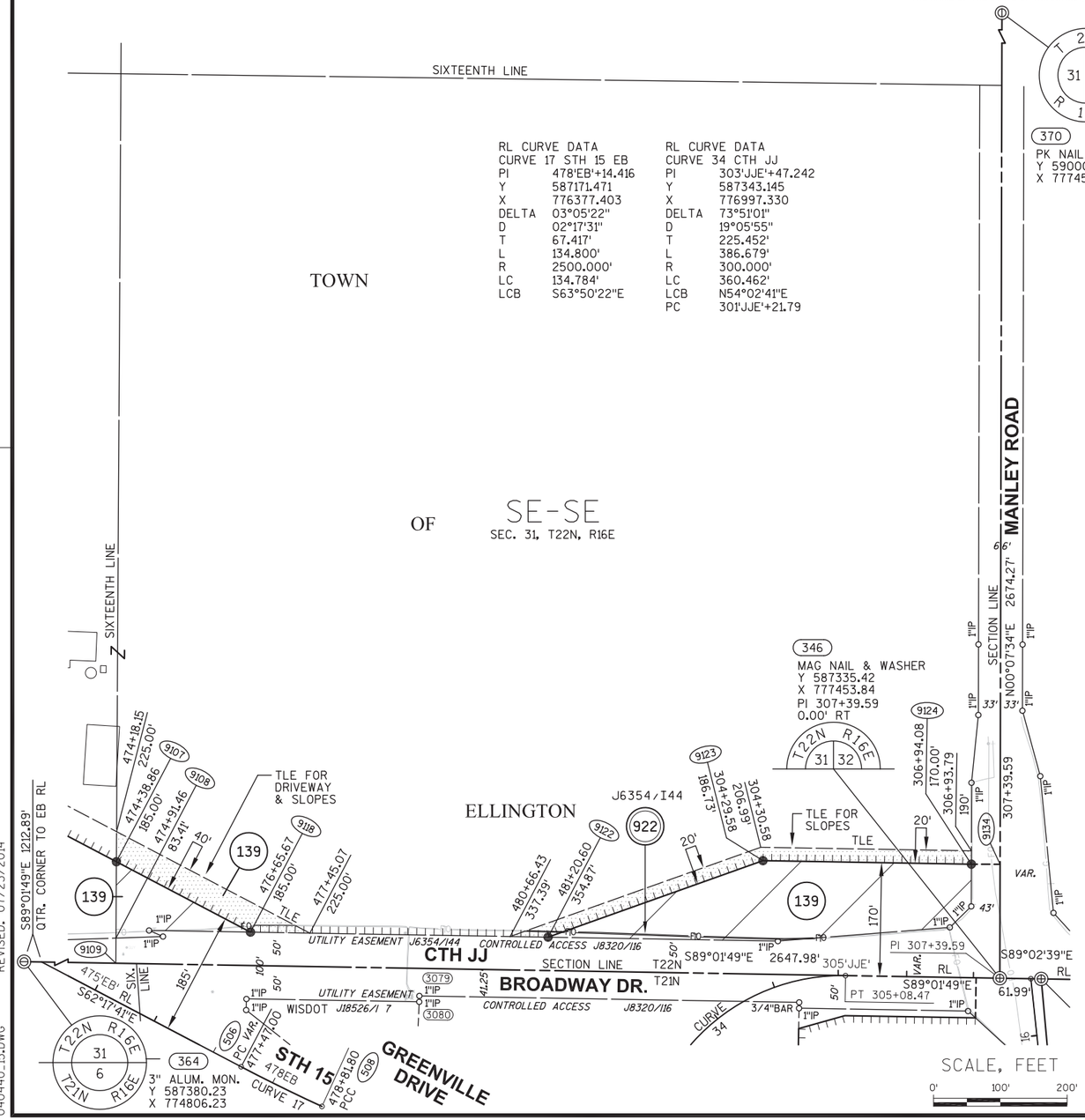
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
139	DAVID WATTERS	FEE, ACCESS RIGHTS, TLE	1.450	0	1.450	0.568

UTILITY INTERESTS REQUIRED:

922	AT&T WISCONSIN	RELEASE OF RIGHTS



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
CTH JJ	TPP 6430-06-00-4.09	2011
	PROJECT 6049-03-71	2007
	ADJOINING CERTIFIED SURVEY MAPS TO SOUTH	VARIES
MANLEY ROAD	TPP 6430-06-00-4.09	2011

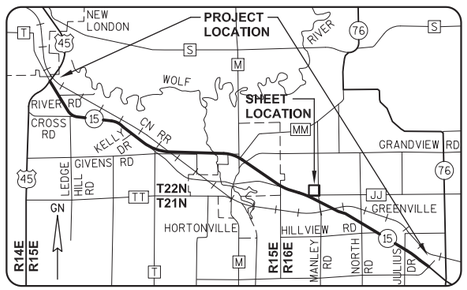
EXISTING ACCESS CONTROL: PROJECT 1146-01-21; J8320/I 16

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
346	9109	N89°01'49"W	1323.99'
9109	9108	N00°19'50"E	37.65'
9108	9107	N00°19'50"E	114.40'
9107	9118	S62°17'41"E	226.81'
9118	9122	S89°01'49"E	445.70'
9122	9123	N70°24'03"E	341.55'
9123	9124	S89°01'49"E	312.14'
9124	9134	S89°52'26"E	43.00'
9134	346	S00°07'34"W	170.65'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
506	587202.815	776317.715
508	587143.390	776438.692



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.40, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 8/13/2014 CURT VAN EREM
REAL ESTATE SUPERVISOR

APPROVED DESIGN ADJUSTMENTS OCTOBER 2019

REVISED: 07/23/2014

040440_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.41

PART OF LOTS 2 AND 3 OF CSM 3444, AND PART OF LOTS 1, 2 AND 3 OF CSM 5219, BEING PART OF THE FRACTIONAL NE1/4-NE1/4 OF SECTION 6, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2035412
Date: 02-04-2015 Time: 08:52 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically received and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.41
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

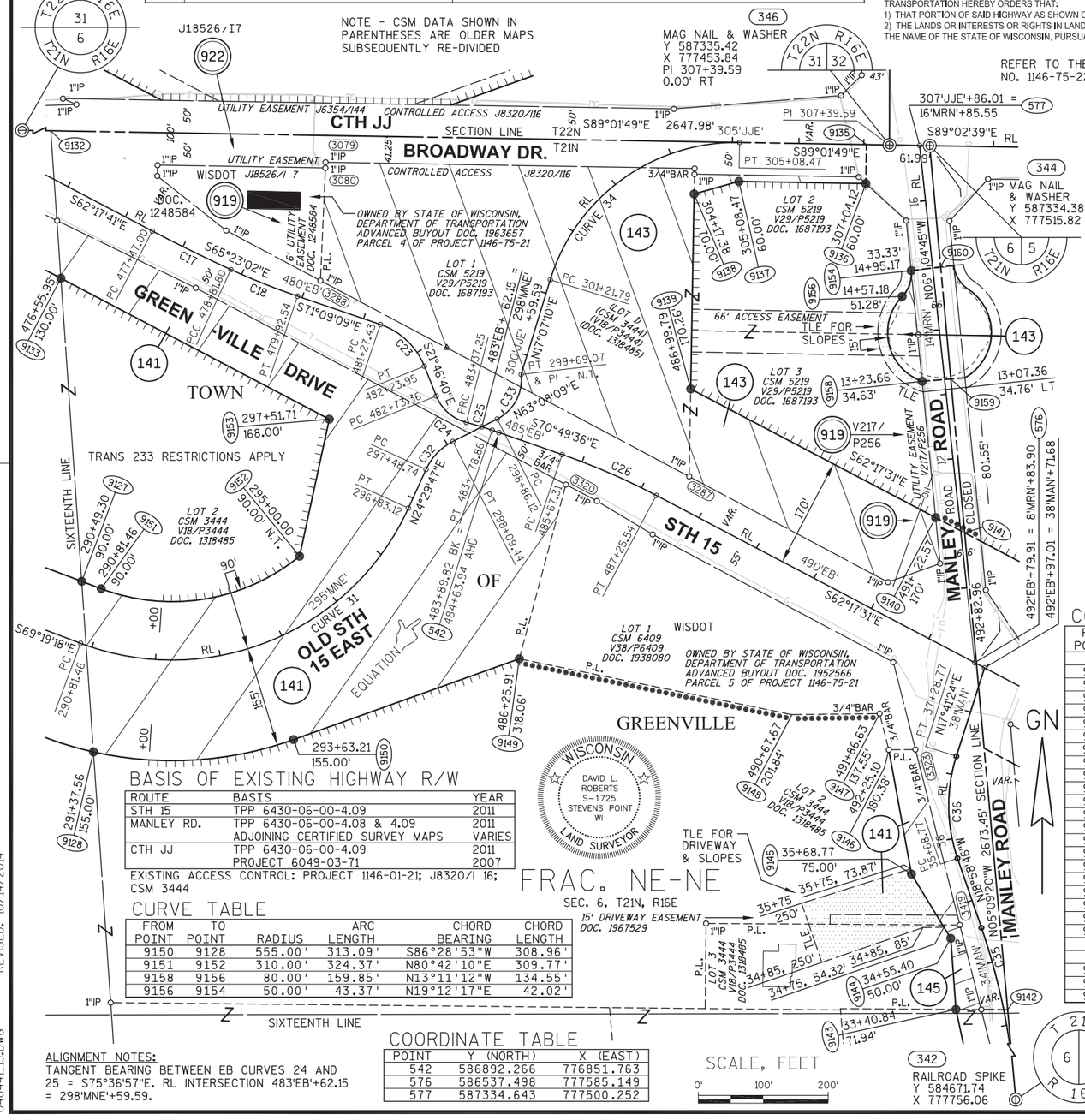
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
141	PATRICIA H. JACK	FEE, ACCESS RIGHTS, TLE	6.646	0	6.646	0.269
143	WOLF RIVER PARTNERS, LLC	FEE, ACCESS RIGHTS, TLE	5.650	0	5.650	0.074
145	STEVEN C. & ROSEMARY L. OLSON	FEE, TLE	0.084	0	0.084	0.129

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.09	2011
MANLEY RD.	TPP 6430-06-00-4.08 & 4.09 ADJOINING CERTIFIED SURVEY MAPS	2011 VARIES
CTH JJ	TPP 6430-06-00-4.09 PROJECT 6049-03-71	2011 2007

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; J8320/1 16; CSM 3444

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9150	9128	555.00'	313.09'	S86°28'53"W	308.96'
9151	9152	310.00'	324.37'	N80°42'10"E	309.77'
9158	9156	80.00'	159.85'	N13°11'12"W	134.55'
9156	9154	50.00'	43.37'	N19°12'17"E	42.02'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
542	586892.266	776851.763
576	586537.498	777585.149
577	587334.643	777500.252

RL CURVE DATA
CURVE 31 OLD STH 15 EAST
PI 294'MNE'+55.652
Y 586435.228
X 776557.205
DELTA 86°10'55"
D 14°19'27"
T 374.191'
L 601.656'
R 400.000'
LC 546.520'
LCB N67°35'14"E

RL CURVE DATA
CURVE 32 OLD STH 15 EAST
PI 297'MNE'+80.292
Y 586864.165
X 776752.650
DELTA 38°38'22"
D 63°39'31"
T 31.554'
L 60.698'
R 90.000'
LC 59.554'
LCB N43°48'58"E

RL CURVE DATA
CURVE 33 OLD STH 15 EAST
PI 299'MNE'+33.634
Y 586934.545
X 776891.593
DELTA 69°53'12"
D 84°15'31"
T 47.514'
L 82.943'
R 68.000'
LC 77.896'
LCB N28°11'38"E

RL CURVE DATA
CURVE 34 CTH JJ
PI 303'JJE'+47.242
Y 587343.145
X 776997.330
DELTA 73°51'01"
D 19°05'55"
T 225.452'
L 386.679'
R 300.000'
LC 360.462'
LCB N54°02'41"E

RL CURVE DATA
CURVE 17 STH 15 EB
PI 478'EB'+14.416
Y 587171.471
X 776377.403
DELTA 03°05'22"
D 02°17'31"
T 67.417'
L 134.800'
R 2500.000'
LC 134.784'
LCB S63°50'22"E

RL CURVE DATA
CURVE 18 STH 15 EB
PI 479'EB'+37.219
Y 587120.306
X 776489.075
DELTA 05°46'06"
D 05°12'31"
T 55.419'
L 110.745'
R 1100.000'
LC 110.698'
LCB S68°16'06"E

RL CURVE DATA
CURVE 23 STH 15 EB
PI 481'EB'+78.918
Y 587042.195
X 776717.903
DELTA 49°22'29"
D 51°09'25"
T 51.484'
L 96.516'
R 112.000'
LC 93.557'
LCB S46°27'54"E

RL CURVE DATA
CURVE 24 STH 15 EB
PI 483'EB'+07.884
Y 586916.441
X 776768.144
DELTA 53°50'17"
D 84°15'31"
T 34.527'
L 63.896'
R 68.000'
LC 61.572'
LCB S48°41'48"E

RL CURVE DATA
CURVE 25 STH 15 EB
PI 483'EB'+58.068
Y 586902.693
X 776821.751
DELTA 04°46'04"
D 11°27'33"
T 20.815'
L 41.606'
R 500.000'
LC 41.594'
LCB S73°13'55"E

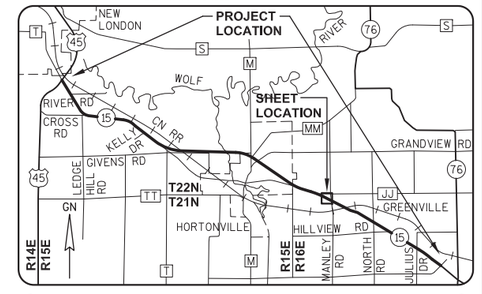
RL CURVE DATA
CURVE 26 STH 15 EB
PI 486'EB'+46.581
Y 586832.400
X 777024.315
DELTA 08°51'13"
D 05°35'43"
T 79.274'
L 158.233'
R 1024.000'
LC 158.076'
LCB S66°29'26"E

RL CURVE DATA
CURVE 35 MANLEY ROAD
PI 33'MAN'+35.355
Y 586014.287
X 777634.929
DELTA 13°49'26"
D 05°43'46"
T 121.225'
L 241.273'
R 1000.000'
LC 240.688'
LCB N12°04'03"W
PC 32'MAN'+14.13

RL CURVE DATA
CURVE 36 MANLEY ROAD
PI 36'MAN'+51.618
Y 586314.471
X 777531.689
DELTA 36°40'09"
D 22°55'06"
T 82.847'
L 160.000'
R 250.000'
LC 157.283'
LCB N00°38'41"W

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
346	9135	N89°01'49"W	35.48'
9135	9136	S00°58'11"W	60.00'
9136	9137	N89°01'49"W	195.65'
9137	9138	S74°21'15"W	71.76'
9138	9139	S00°59'43"W	300.62'
9139	9140	S62°17'31"E	426.38'
9140	9141	S62°17'31"E	50.57'
9141	9142	S05°09'20"E	737.89'
9142	9143	N89°39'30"W	79.75'
9143	9144	N04°10'57"W	109.73'
9144	9145	N31°24'55"W	116.09'
9145	9146	N10°20'31"W	194.72'
9146	9147	N14°13'12"W	57.56'
9147	9148	S89°19'16"W	135.22'
9148	9149	N78°26'22"W	428.91'
9149	9150	S70°19'13"W	369.51'
9128	9127	N03°56'10"W	263.49'
9127	9151	S69°19'18"E	32.16'
9152	9153	N12°13'17"E	216.10'
9153	9133	N62°17'41"W	467.25'
9133	9132	N03°56'10"W	227.59'
9132	9135	S89°01'49"E	1257.52'
344	9160	S05°09'20"E	187.67'
9160	9159	S05°09'20"E	173.33'
9159	9158	S85°10'13"W	44.28'
9154	9160	N82°53'29"E	45.77'



GREMMER & Associates, Inc.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.41, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 10/14/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/2/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

COMPLETED DESIGN OCTOBER, 2019

040441.15.DWG REVISED: 10/14/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.42

PART OF LOTS 2 AND 3 OF CSM 5781, BEING PART OF THE SE1/4-NE1/4 AND THE FRACTIONAL NE1/4-NE1/4 OF SECTION 6, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
146	GWEN A. LOEWENHAGEN	FEE	0.180	0	0.180	0
147	GARY T. & MARY L. HART	FEE	0.031	0	0.031	0

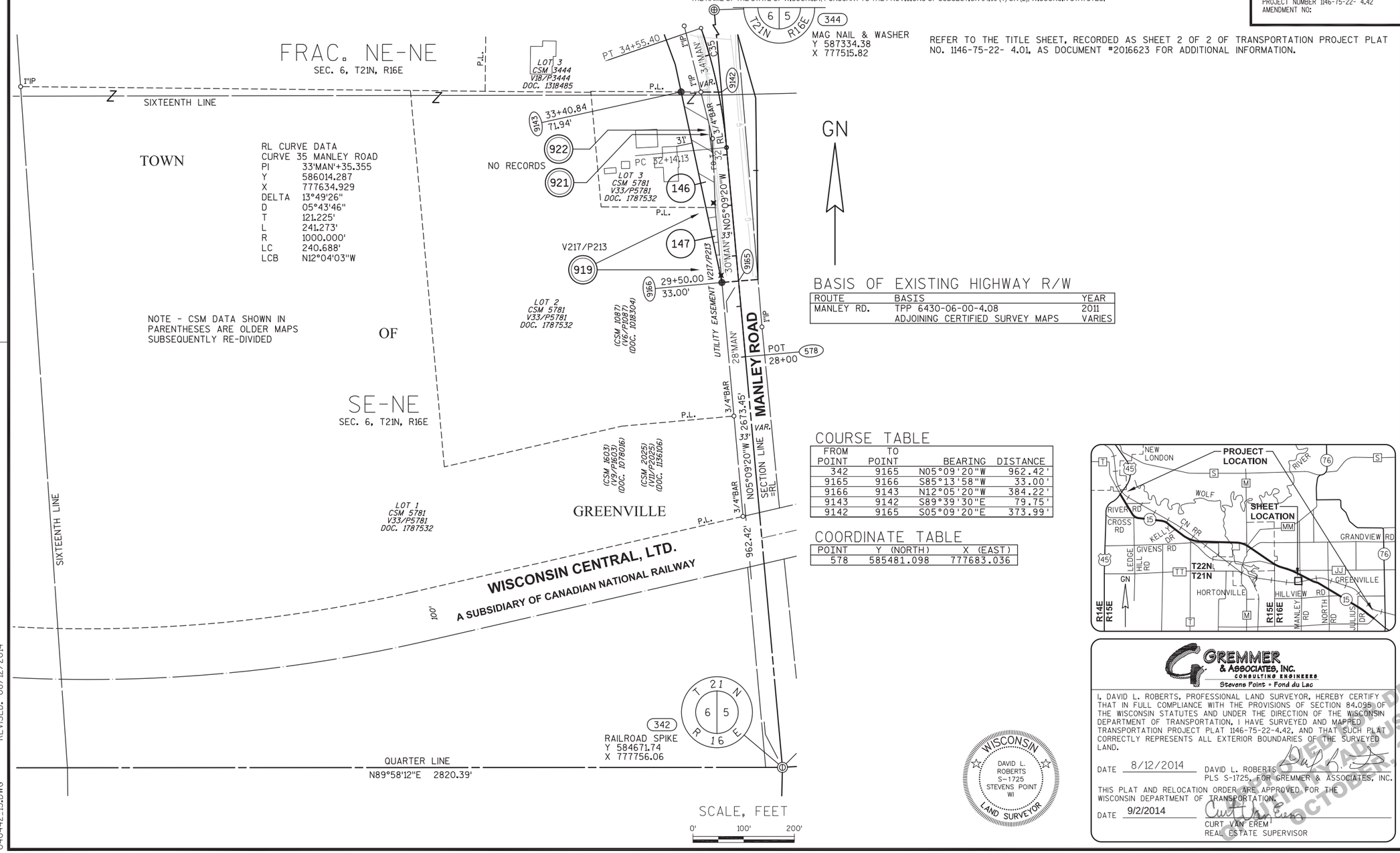
UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
921	CENTURYLINK	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

Document #: 2024132
Date 09-05-2014 Time 08:54 AM
Pages: 3 Fee: $25.00
County OUTAGAMIE State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.42
AMENDMENT NO:



REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
MANLEY RD.	TPP 6430-06-00-4.08	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
342	9165	N05°09'20"W	962.42'
9165	9166	S85°13'58"W	33.00'
9166	9143	N12°05'20"W	384.22'
9143	9142	S89°39'30"E	79.75'
9142	9165	S05°09'20"E	373.99'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
578	585481.098	777683.036

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.42, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 8/12/2014 DAVID L. ROBERTS
PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

REVISED: 08/12/2014
040442_15.DWG

APPRAISAL PLAT DATE:

COMPLETED R/W DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.43

PART OF THE FRACTIONAL NW1/4-NW1/4 OF SECTION 5, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2024133
Date: 09-05-2014 Time: 08:55 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies that document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.43
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

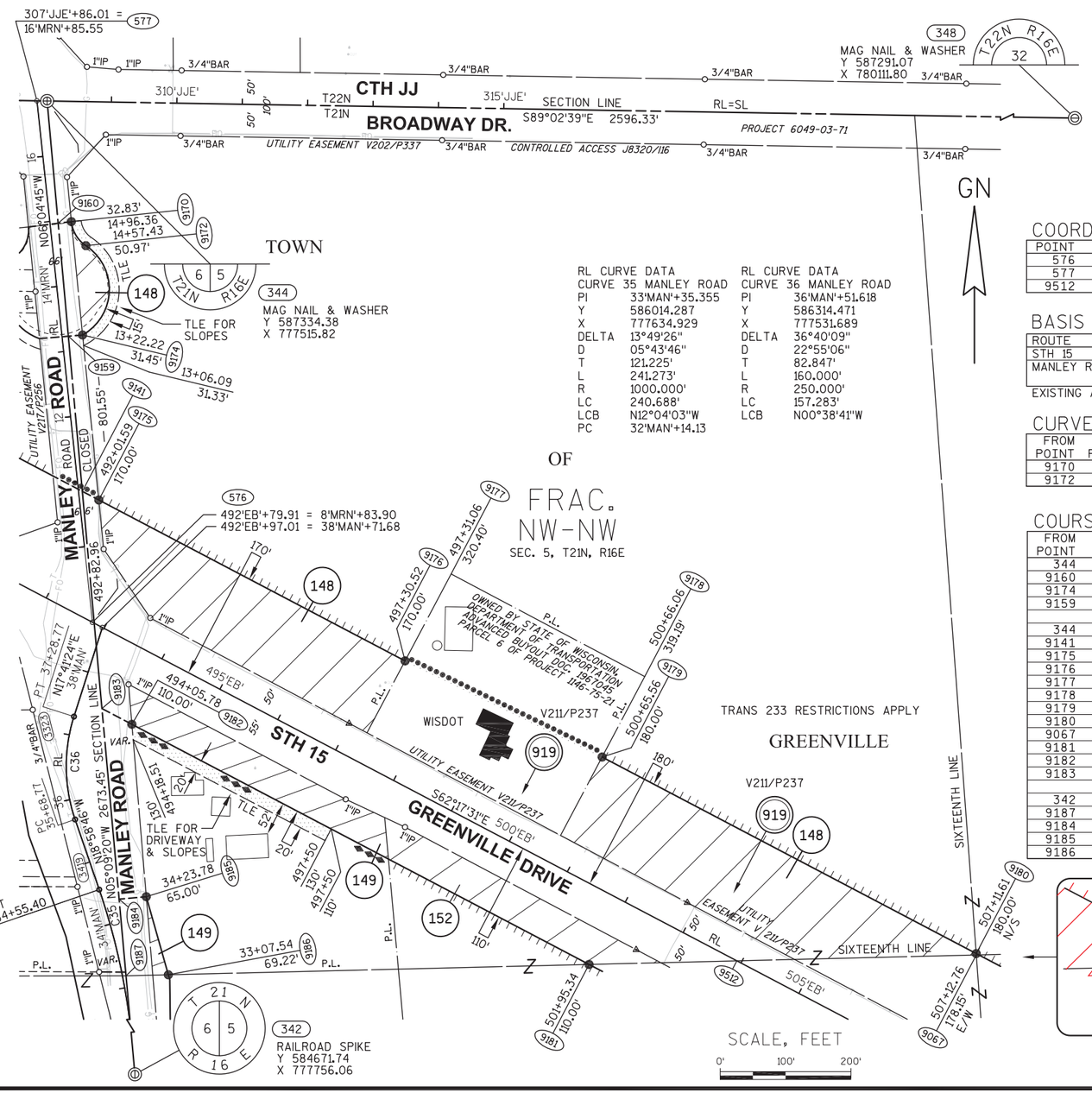
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
148	PATRICIA JACK	FEE, ACCESS RIGHTS, TLE	3.107	0	3.107	0.076
149	JAMES D. & JEANNE E. DEMPSEY	FEE, TLE	0.554	0	0.554	0.155
152	RANDY J. & DANIELLE A. SHAW	FEE, ACCESS RIGHTS	0.514	0	0.514	0

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS



RL CURVE DATA CURVE 35 MANLEY ROAD

PI	33'MAN'+35.355
Y	586014.287
X	777634.929
DELTA	13°49'26"
D	05°43'46"
T	121.225'
L	241.273'
R	1000.000'
LC	240.688'
LCB	N12°04'03"W
PC	32'MAN'+14.13

RL CURVE DATA CURVE 36 MANLEY ROAD

PI	36'MAN'+51.618
Y	586314.471
X	777531.689
DELTA	36°40'09"
D	22°55'06"
T	82.847'
L	160.000'
R	250.000'
LC	157.283'
LCB	N00°38'41"W

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
576	586537.498	777585.149
577	587334.643	777500.252
9512	586020.013	778570.474

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.08	2011
MANLEY RD.	TPP 6430-06-00-4.08	2011
	TPP 6430-06-00-4.09	2011

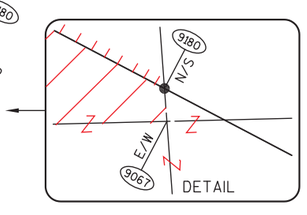
EXISTING ACCESS CONTROL: PROJECT 1146-01-21

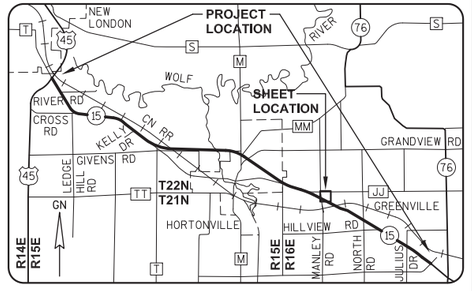
CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9170	9172	50.00'	44.39'	S31°03'43"E	42.95'
9172	9174	80.00'	163.73'	S02°08'06"W	136.62'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
344	9160	S05°09'20"E	187.67'
9160	9170	N82°53'29"E	20.40'
9174	9159	S85°10'13"W	21.82'
9159	9160	N05°09'20"W	173.33'
344	9141	S05°09'20"E	599.16'
9141	9175	S62°17'31"E	28.45'
9175	9176	S62°17'31"E	528.93'
9176	9177	N27°54'50"E	150.40'
9177	9178	S62°05'10"E	335.00'
9178	9179	S27°54'50"W	139.20'
9179	9180	S62°17'31"E	646.05'
9180	9067	S04°11'58"E	2.18'
9067	9181	S88°35'41"W	592.25'
9181	9182	N62°17'31"W	789.56'
9182	9183	N62°17'31"W	51.75'
9183	9141	N05°09'20"W	333.35'
342	9187	N05°09'20"W	1330.74'
9187	9184	N05°09'20"W	117.68'
9184	9185	N84°50'40"E	41.68'
9185	9186	S15°47'09"E	124.04'
9186	9187	S88°35'41"W	64.70'





WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.43, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM
REAL ESTATE SUPERVISOR

COMPLETED DESIGN ADJUSTMENTS OCTOBER 2019

040443_15.DWG REVISED: 07/23/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.44 AMENDMENT NO. 2

AMENDS PARCEL 152 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22-4.44 AMENDMENT NO. 1, RECORDED AS DOCUMENT #2071909, PART OF THE SW1/4-NW1/4 OF SECTION 5, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.44
AMENDMENT NO: 2

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

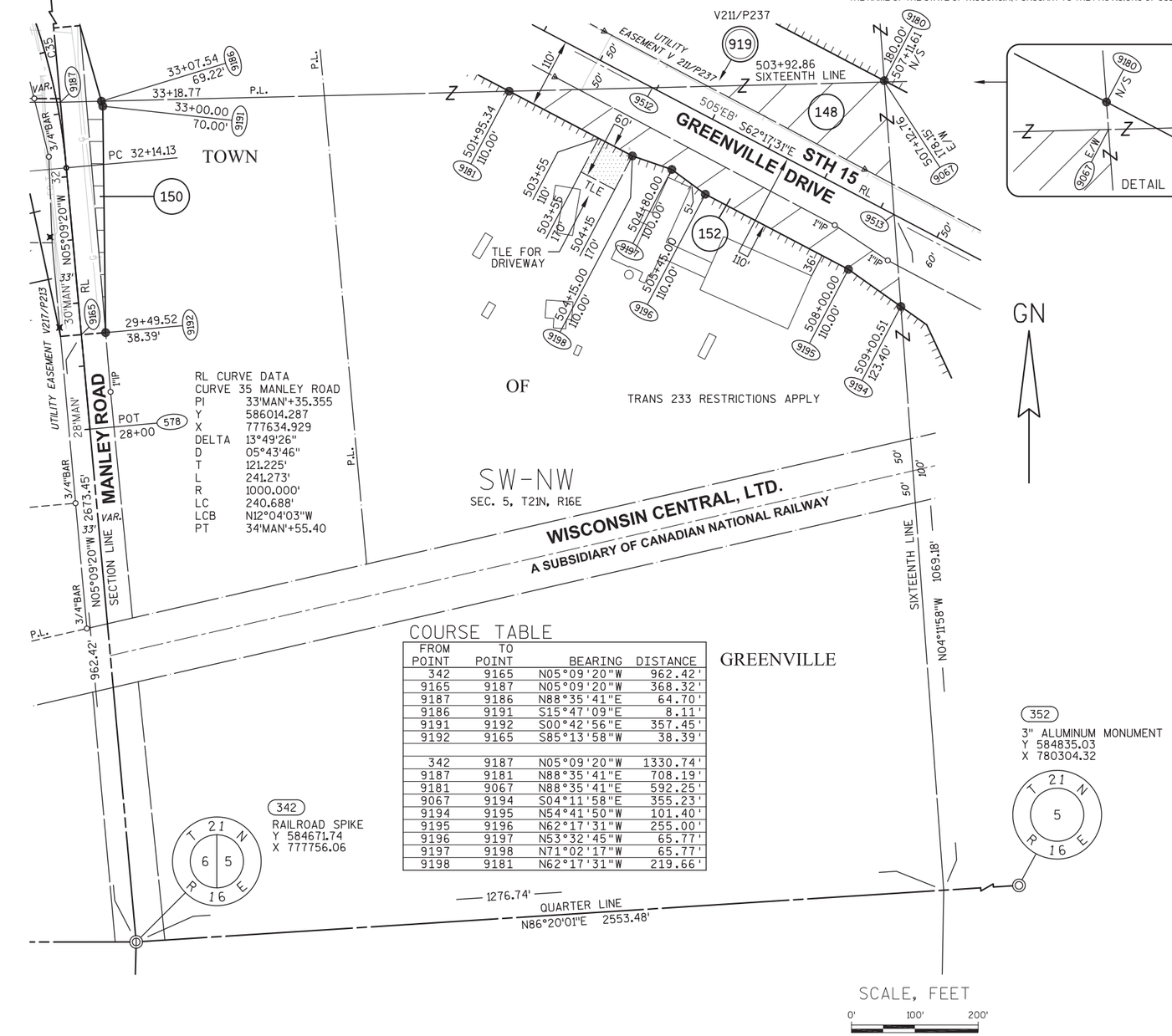
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
148	PATRICIA JACK	FEE	0.513	0	0.513	0
150	DENNIS KAVANAUGH & CYNTHIA THORPE	FEE	0.108	0	0.108	0
152	RANDY J. & DANIELLE A. SHAW	FEE, ACCESS RIGHTS, TLE	0.746	0	0.746	0.083

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS



COORDINATE TABLE

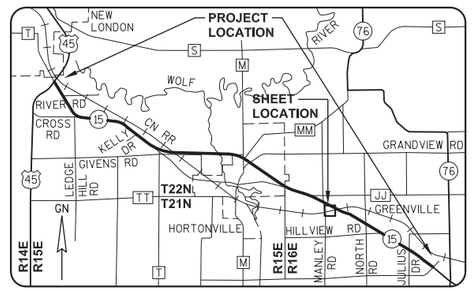
POINT	Y (NORTH)	X (EAST)
578	585481.098	777683.036
9512	586020.013	778570.474
9513	585819.694	778951.894

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
342	9165	N05°09'20"W	962.42'
9165	9187	N05°09'20"W	368.32'
9187	9186	N88°35'41"E	64.70'
9186	9191	S15°47'09"E	8.11'
9191	9192	S00°42'56"E	357.45'
9192	9165	S85°13'58"W	38.39'
342	9187	N05°09'20"W	1330.74'
9187	9181	N88°35'41"E	708.19'
9181	9067	N88°35'41"E	592.25'
9067	9194	S04°11'58"E	355.23'
9194	9195	N54°41'50"W	101.40'
9195	9196	N62°17'31"W	255.00'
9196	9197	N53°32'45"W	65.77'
9197	9198	N71°02'17"W	65.77'
9198	9181	N62°17'31"E	219.66'

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.08	2011



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.44, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 11/11/2016 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE _____ _____
CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

AS-BUILT FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

REVISED: 11/11/2016

040444_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.44 AMENDMENT NO. 1

AMENDS PARCELS 148 AND 152 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22-4.44, RECORDED AS DOCUMENT #2024134, PART OF THE SW1/4-NW1/4 OF SECTION 5, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2071909**
Date: **05-09-2016** Time: **04:21 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP , REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.44
AMENDMENT NO: 1

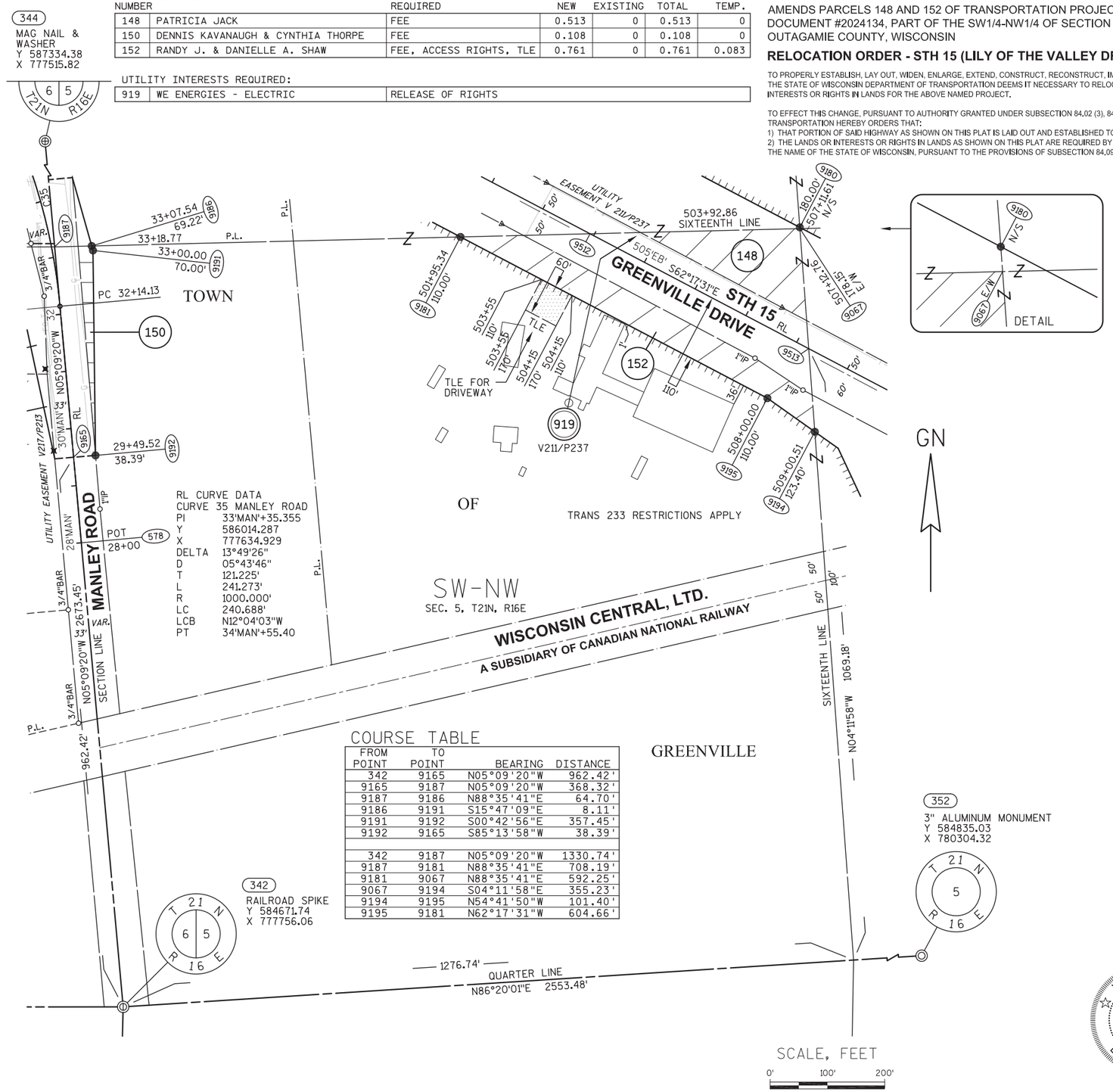
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
148	PATRICIA JACK	FEE	0.513	0	0.513	0
150	DENNIS KAVANAUGH & CYNTHIA THORPE	FEE	0.108	0	0.108	0
152	RANDY J. & DANIELLE A. SHAW	FEE, ACCESS RIGHTS, TLE	0.761	0	0.761	0.083

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS



COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
342	9165	N05°09'20"W	962.42'
9165	9187	N05°09'20"W	368.32'
9187	9186	N88°35'41"E	64.70'
9186	9191	S15°47'09"E	8.11'
9191	9192	S00°42'56"E	357.45'
9192	9165	S85°13'58"W	38.39'
342	9187	N05°09'20"W	1330.74'
9187	9181	N88°35'41"E	708.19'
9181	9067	N88°35'41"E	592.25'
9067	9194	S04°11'58"E	355.23'
9194	9195	N54°41'50"W	101.40'
9195	9181	N62°17'31"W	604.66'

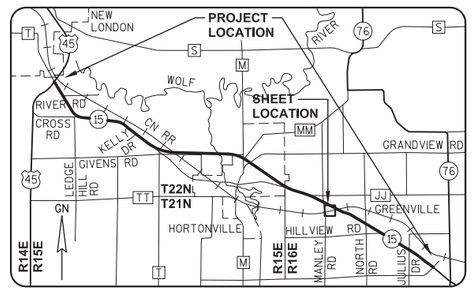
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
578	585481.098	777683.036
9512	586020.013	778570.474
9513	585819.694	778951.894

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.08	2011



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.44, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/09/2016 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 5/09/2016 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CERTIFIED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

REVISED: 05/09/2016

040444_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.44

PART OF THE SW1/4-NW1/4 OF SECTION 5, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

Document #: 2024134
Date: 09-05-2014 Time: 08:55 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.44
AMENDMENT NO:

SCHEDULE OF LANDS & INTERESTS REQUIRED

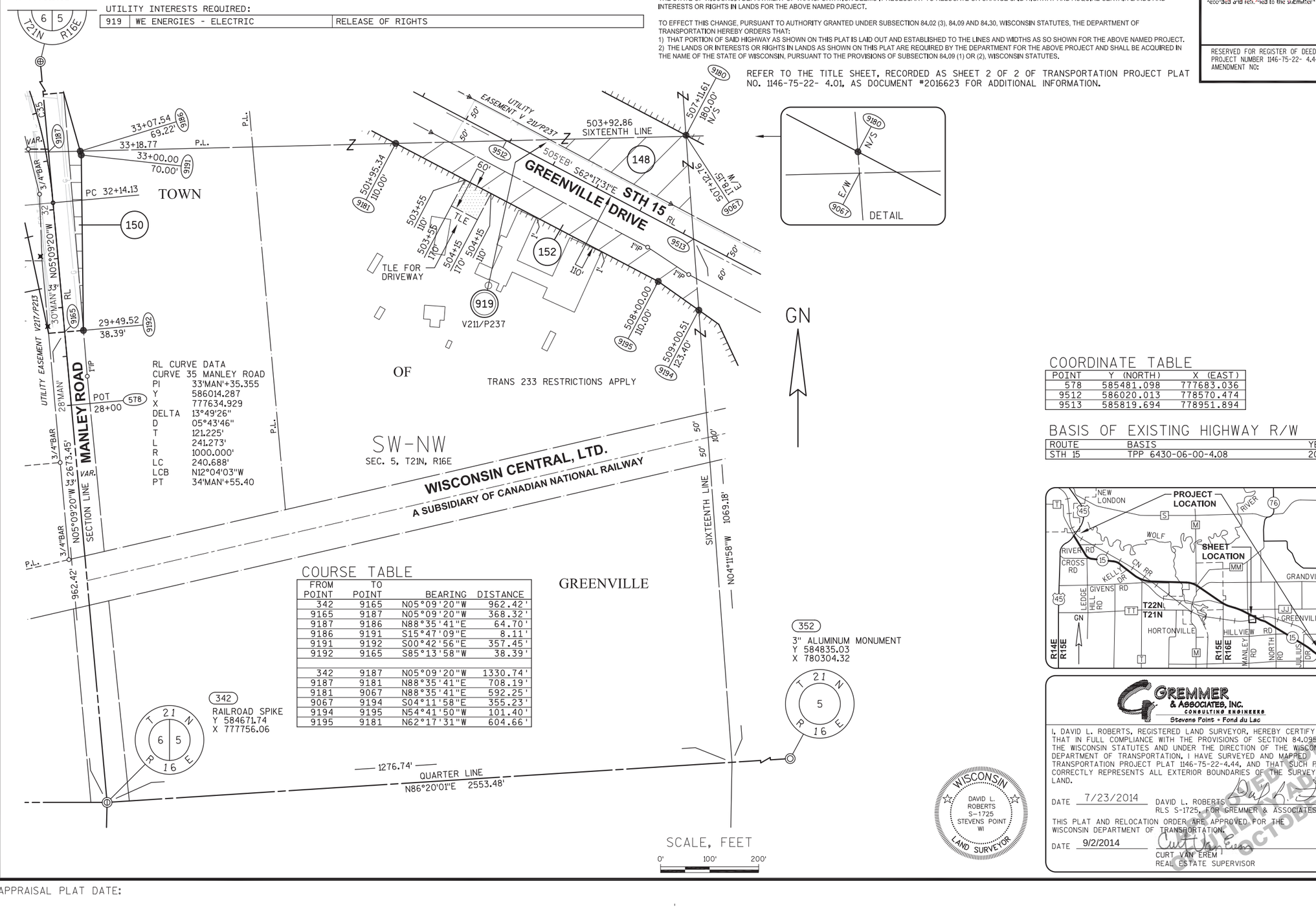
OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
148	PATRICIA JACK	FEE, ACCESS RIGHTS	0.513	0	0.513	0
150	DENNIS KAVANAUGH & CYNTHIA THORPE	FEE	0.108	0	0.108	0
152	RANDY J. & DANIELLE A. SHAW	FEE, ACCESS RIGHTS, TLE	0.761	0	0.761	0.083

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS

344
MAG NAIL & WASHER
Y 587334.38
X 777515.82



COURSE TABLE

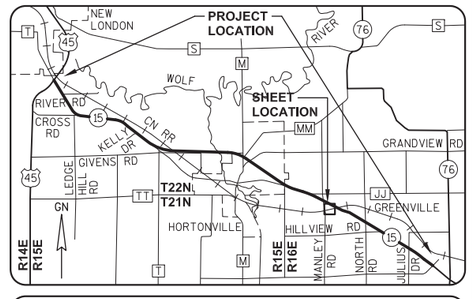
FROM POINT	TO POINT	BEARING	DISTANCE
342	9165	N05°09'20"W	962.42'
9165	9187	N05°09'20"W	368.32'
9187	9186	N88°35'41"E	64.70'
9186	9191	S15°47'09"E	8.11'
9191	9192	S00°42'56"E	357.45'
9192	9165	S85°13'58"W	38.39'
342	9187	N05°09'20"W	1330.74'
9187	9181	N88°35'41"E	708.19'
9181	9067	N88°35'41"E	592.25'
9067	9194	S04°11'58"E	355.23'
9194	9195	N54°41'50"W	101.40'
9195	9181	N62°17'31"W	604.66'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
578	585481.098	777683.036
9512	586020.013	778570.474
9513	585819.694	778951.894

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.08	2011



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.44, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

GREMMER DESIGN ADJUSTMENTS OCTOBER, 2019

040444_15.DWG REVISED: 07/23/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.45

PART OF THE SE1/4-NW1/4 AND THE FRACTIONAL NE1/4-NW1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2024135
Date: 09-05-2014 Time: 08:55 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the given site ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.45
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

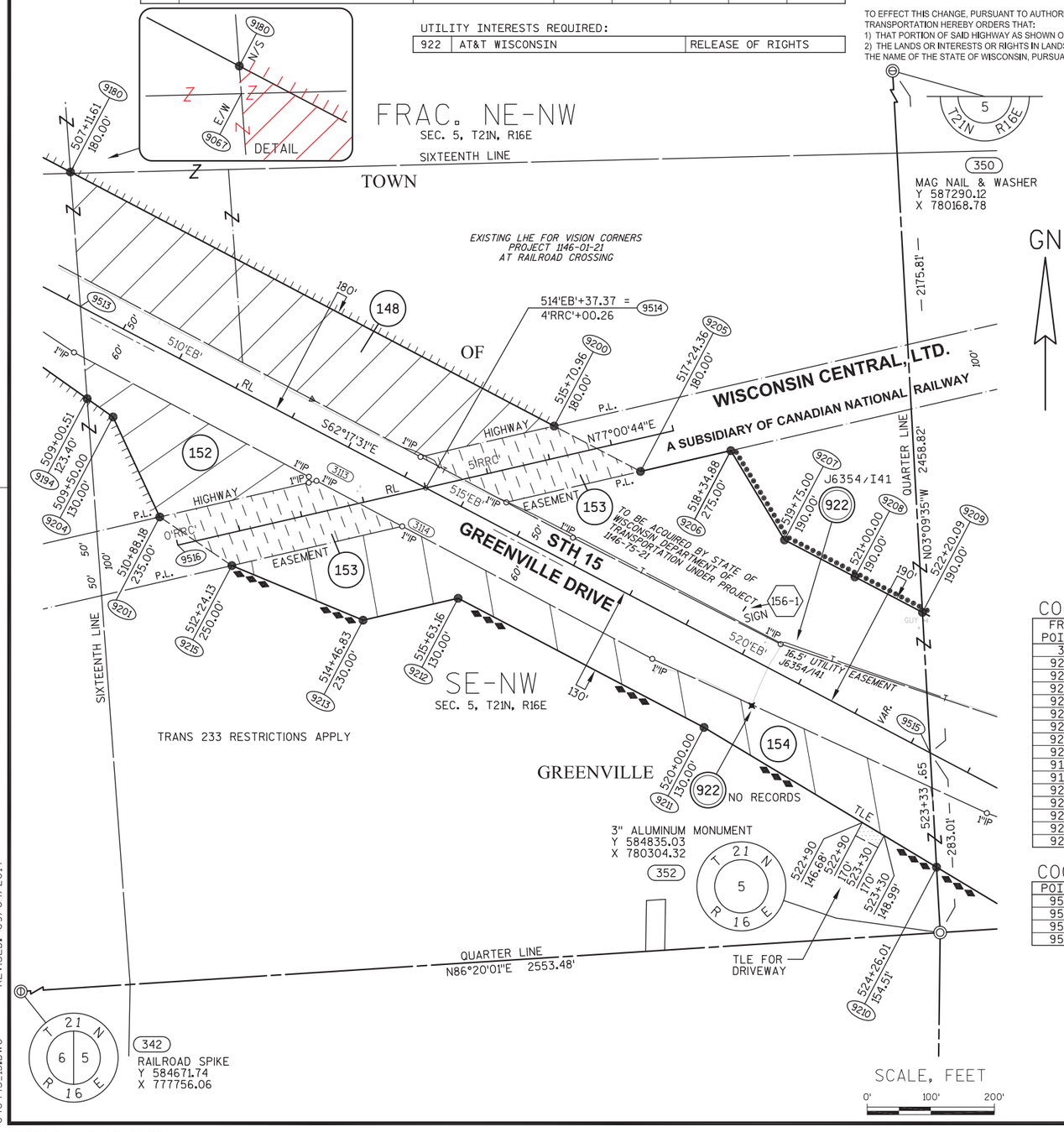
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	TOTAL	HIGHWAY EASEMENT ACRES	TLE ACRES TEMP.
148	PATRICIA JACK	FEE, ACCESS RIGHTS	2.353	0	2.353	0	0
152	RANDY J. & DANIELLE A. SHAW	FEE, ACCESS RIGHTS	0.810	0	0.810	0	0
153	WISCONSIN CENTRAL, LTD.	HIGHWAY EASEMENT	0	0	0	1.102	0
154	LOREN VANDER KINTER	FEE, TLE	2.091	0	2.091	0	0.020

UTILITY INTERESTS REQUIRED:

922	AT&T WISCONSIN	RELEASE OF RIGHTS



SIGN SCHEDULE

SIGN NUMBER	SIGN OWNER
156-1	BETHLEHEM LUTHERAN CHURCH

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.07	2011
	TPP 6430-06-00-4.08	2011
CN RAILWAY	TPP 6430-06-00-4.08	2011
	C&NW RAILROAD ALIGNMENT MAP	1917
	ADJACENT CSM 5781	2008

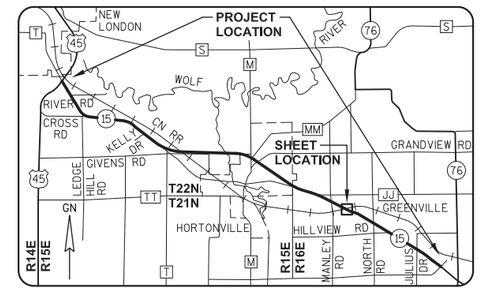
EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
350	9209	S03°09'35"E	1954.46'
9209	9210	S03°09'35"E	401.36'
9210	9211	N58°59'57"W	426.71'
9211	9212	N62°17'31"W	436.84'
9212	9213	S77°01'33"W	153.41'
9213	9215	N67°25'26"W	223.59'
9215	9201	N55°59'45"W	136.78'
9201	9204	N25°03'38"W	173.54'
9204	9194	N54°41'50"W	49.92'
9194	9180	N04°11'58"W	357.40'
9180	9200	S62°17'31"E	859.35'
9200	9205	S62°17'31"E	153.41'
9205	9206	N77°01'33"E	145.74'
9206	9207	S31°02'59"E	163.89'
9207	9208	S62°17'31"E	125.00'
9208	9209	S62°17'31"E	120.08'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9513	585819.694	778951.894
9514	585534.350	779495.208
9515	585117.606	780288.716
9516	585444.395	779105.191



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.45, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/04/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/4/2014 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

COMPLETED AS DESIGN
OCTOBER, 2019

040445_15.DWG REVISED: 09/04/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.46

PART OF THE SW1/4-NE1/4 AND THE NW1/4-SE1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

Document #: **2024136**
Date: **09-05-2014** Time: **08:57 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE** State: **WI**

SARAH R VAN CAMP . REGISTER OF DEEDS
**** The above recording information verifies this document has been electronically recorded and returned to the submitter. ****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.46
AMENDMENT NO:

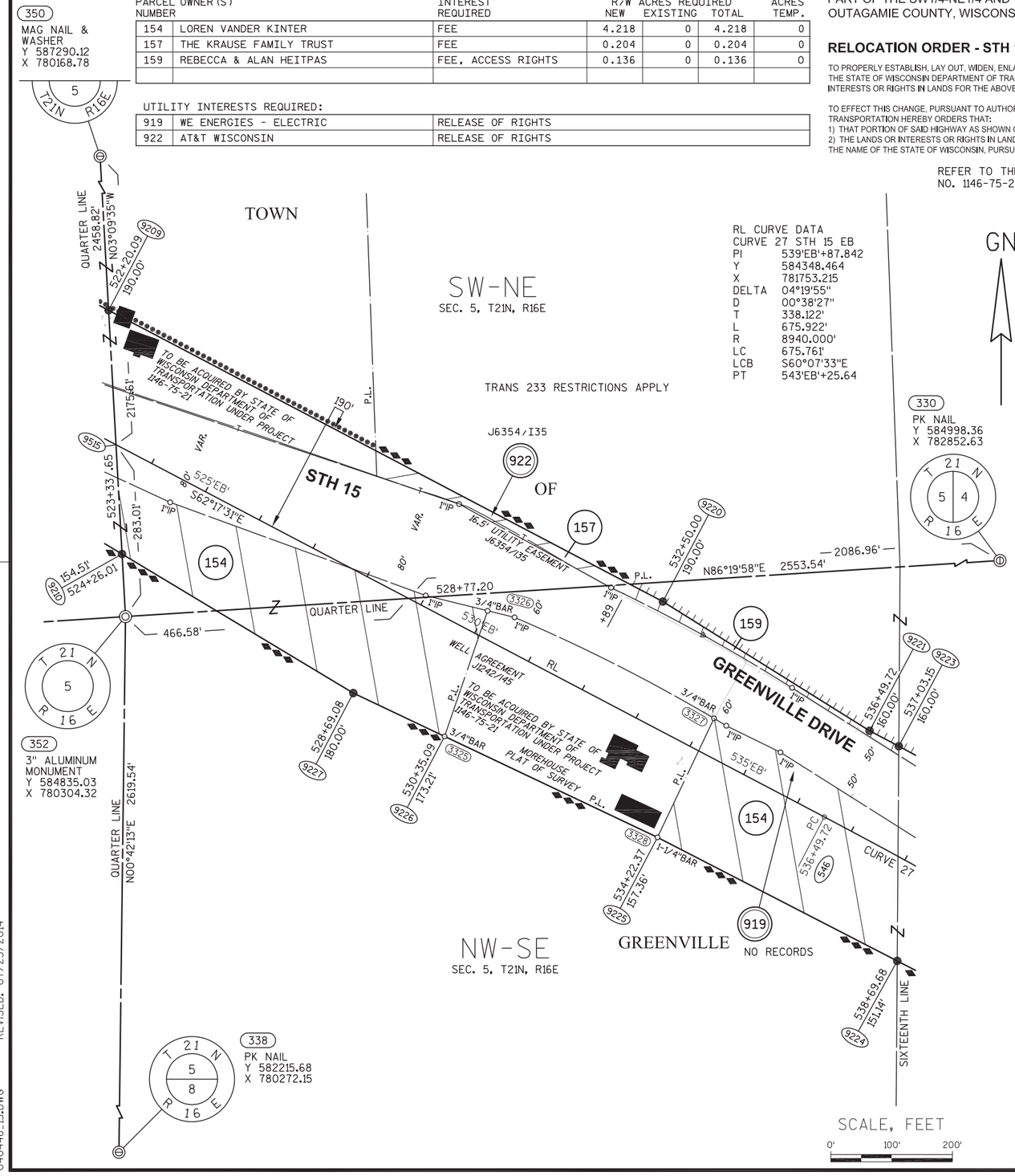
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
154	LOREN VANDER KINTER	FEE	4.218	0	4.218	0
157	THE KRAUSE FAMILY TRUST	FEE	0.204	0	0.204	0
159	REBECCA & ALAN HEITPAS	FEE, ACCESS RIGHTS	0.136	0	0.136	0

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS



COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
350	9209	S03°09'35"E	1954.46'
9209	9220	S62°17'31"E	1029.91'
9220	9221	S57°59'59"E	400.84'
9223	9224	S00°24'53"W	352.93'
9224	9225	N62°45'09"W	443.59'
9225	9226	N64°38'06"W	387.61'
9226	9227	N64°38'06"W	166.15'
9227	9210	N58°59'57"W	443.80'
9210	9209	N03°09'35"W	401.36'

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9221	9223	9100.00'	54.39'	S62°07'14"E	54.39'

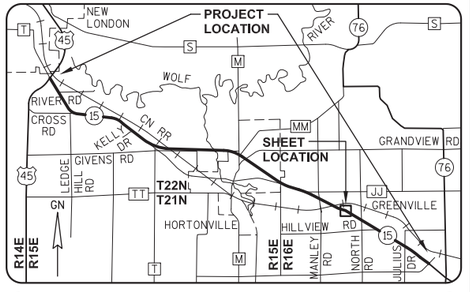
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.07	2011

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
546	584505.679	781453.866
9515	585117.606	780288.716



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.46, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS
RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR

FINAL DESIGN ADJUSTMENTS OCTOBER 2019

040446_15.DWG REVISED: 07/23/2014

APPRAISAL PLAT DATE:

RL CURVE DATA CURVE 27 STH 15 EB		RL CURVE DATA CURVE 37 NORTH ROAD		RL CURVE DATA CURVE 38 NORTH ROAD		RL CURVE DATA CURVE 39 NORTH ROAD		RL CURVE DATA CURVE 40 NORTH ROAD	
PI	539'EB'+87.842	PI	10'NRT'+05.555	PI	13'NRT'+77.235	PI	18'NRT'+86.418	PI	21'NRT'+97.861
Y	584348.464	Y	583107.996	Y	583465.067	Y	583943.618	Y	584250.475
X	781753.215	X	782849.501	X	782738.050	X	782931.786	X	782851.695
DELTA	04°19'55"	DELTA	17°27'34"	DELTA	39°22'28"	DELTA	36°40'05"	DELTA	14°45'11"
D	00°38'27"	D	05°43'46"	D	22°55'06"	D	22°55'06"	D	05°43'46"
T	338.122'	T	153.553'	T	89.450'	T	82.845'	T	129.462'
L	675.922'	L	304.726'	L	171.803'	L	159.995'	L	257.492'
R	8940.000'	R	1000.000'	R	250.000'	R	250.000'	R	1000.000'
LC	675.761'	LC	303.548'	LC	168.443'	LC	157.278'	LC	256.781'
LCB	S60°07'33"E	LCB	N08°36'17"W	LCB	N02°21'10"E	LCB	N03°42'21"E	LCB	N07°15'06"W
PC	536'EB'+49.72	PC	8'NRT'+52.00			PC	18'NRT'+03.57	PC	20'NRT'+68.40
		PT	11'NRT'+56.73			PT	19'NRT'+63.57		

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.47 AMENDMENT NO. 1

AMENDS PARCEL 161 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.47 RECORDED AS DOCUMENT NO. 2024137. PART OF LOT 1 OF CSM 5384, AND PART OF THE NE1/4-SE1/4 AND THE SE1/4-SE1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED PROJECT.

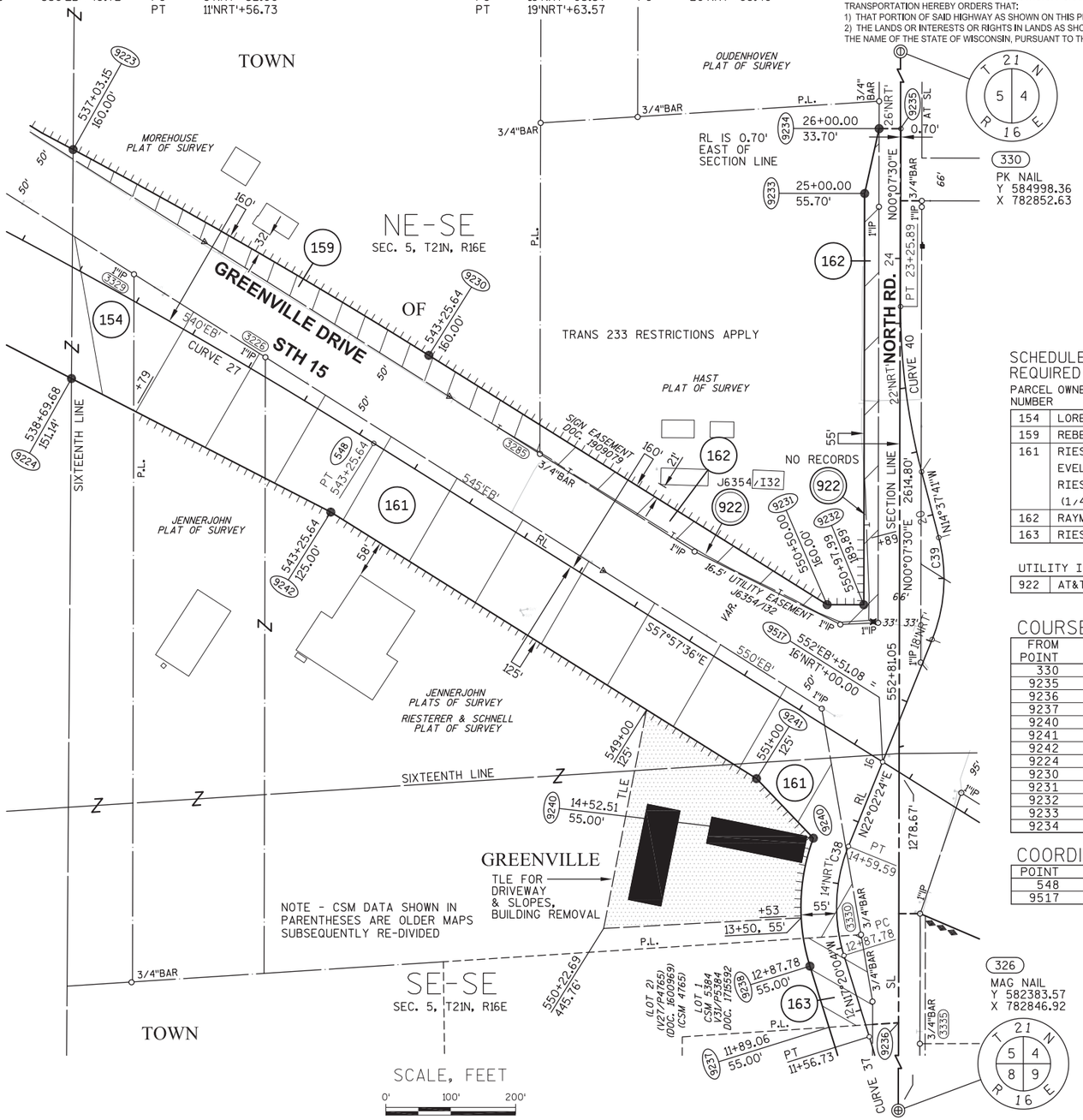
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2046216
Date: 06-16-2015 Time: 10:27 AM
Pages: 1 Fees: $25.00
County: OUTAGAMIE County/State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically received and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.47
AMENDMENT NO: 1



REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.06	2011
	TPP 6430-06-00-4.07	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9238	9240	305.00'	200.97'	N01°32'31"E	197.35'
9223	9230	9100.00'	633.63'	S59°57'17"E	633.50'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
154	LOREN VANDER KINTER	FEE	0.473	0	0.473	0
159	REBECCA & ALAN HIETPAS	FEE, ACCESS RIGHTS	0.596	0	0.596	0
161	RIESTERER PROPERTIES, LLC (3/4 INT) EVELYN L. RIESTERER, VENDOR & RIESTERER PROPERTIES, LLC, PURCHASER (1/4 INT)	FEE, ACCESS RIGHTS, TLE	4.738	0	4.738	1.630
162	RAYMOND P. & MARIE J. HAST	FEE, ACCESS RIGHTS	0.800	0	0.800	0
163	RIESTERER PROPERTIES, LLC	FEE	0.262	0	0.262	0

UTILITY INTERESTS REQUIRED:

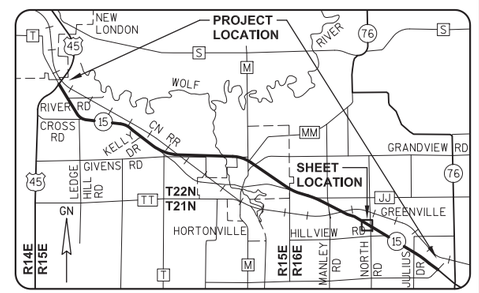
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9235	S00°07'30"W	344.32'
9235	9236	S00°07'30"W	1378.00'
9236	9237	S86°16'08"W	107.48'
9237	9238	N17°20'04"W	98.72'
9240	9241	N43°40'10"W	126.84'
9241	9242	N57°57'36"W	774.36'
9242	9224	N62°45'09"W	449.63'
9224	9223	N00°24'53"E	352.93'
9230	9231	S57°57'36"E	724.36'
9231	9232	S89°52'30"E	56.54'
9232	9233	N00°07'30"E	633.86'
9233	9234	N12°31'57"E	102.39'
9234	9235	S89°52'30"E	33.00'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
548	584169.086	782039.834
9517	583678.131	782824.306



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.47, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 4/09/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/11/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

040447_15.DWG REVISED: 04/09/2015

APPRAISAL PLAT DATE:

PRELIMINARY DESIGN ONLY ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.47

PART OF LOT 1 OF CSM 5384, AND PART OF THE NE1/4-SE1/4 AND THE SE1/4-SE1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2024137
Date: 09-05-2014 Time: 08:57 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.47
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

RL CURVE DATA
CURVE 27 STH 15 EB

PI	539'EB'+87.842
Y	584348.464
X	781753.215
DELTA	04°19'55"
D	00°38'27"
T	338.122'
L	675.922'
R	8940.000'
LC	675.761'
LCB	S60°07'33"E
PC	536'EB'+49.72

RL CURVE DATA
CURVE 37 NORTH ROAD

PI	10'NRT'+05.555
Y	583107.996
X	782849.501
DELTA	17°27'34"
D	05°43'46"
T	153.553'
L	304.726'
R	1000.000'
LC	303.548'
LCB	N08°36'17"W
PC	8'NRT'+52.00
PT	11'NRT'+56.73

RL CURVE DATA
CURVE 38 NORTH ROAD

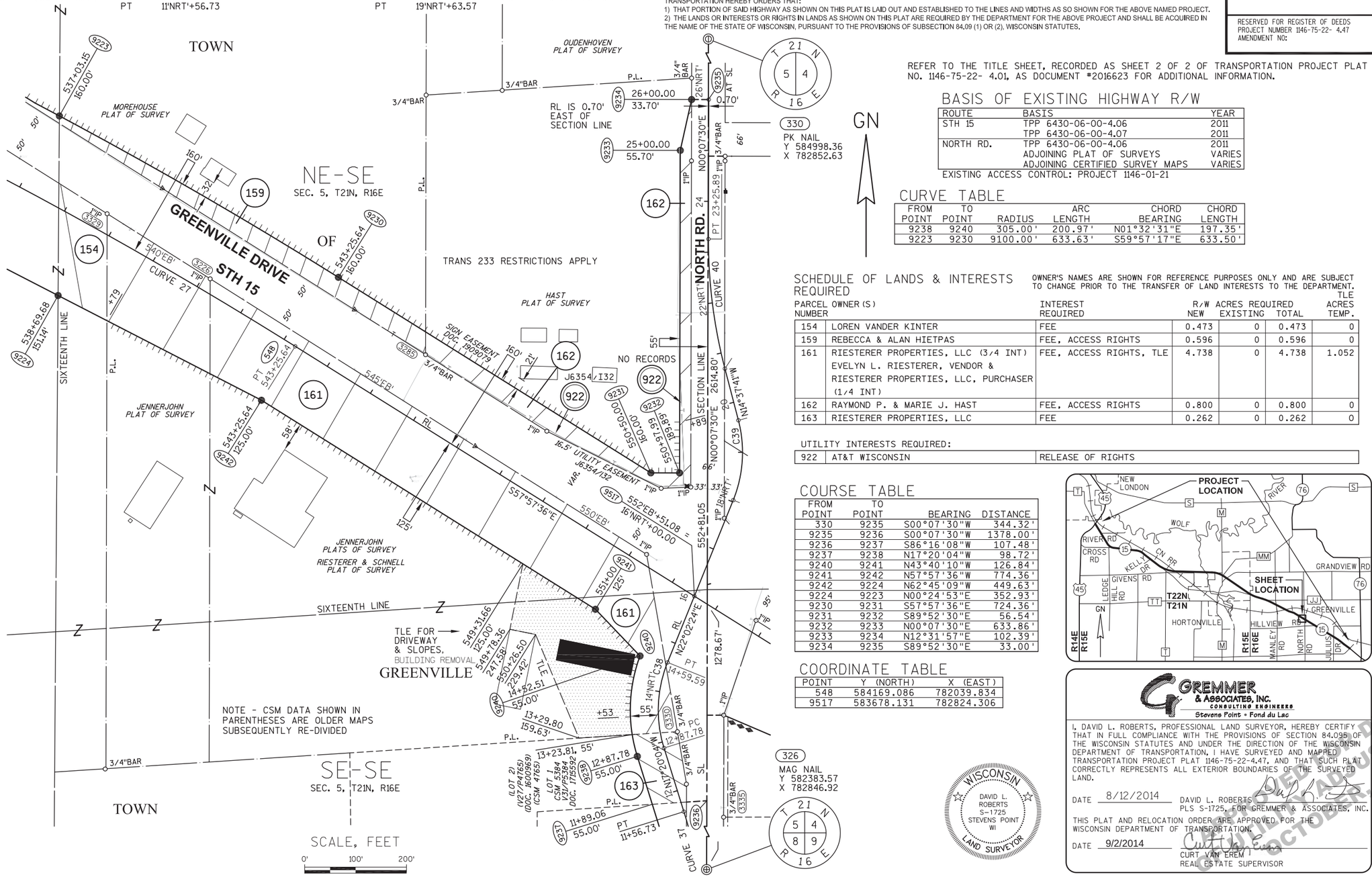
PI	13'NRT'+77.235
Y	583465.067
X	782738.050
DELTA	39°22'28"
D	22°55'06"
T	89.450'
L	171.803'
R	250.000'
LC	168.443'
LCB	N02°21'10"E

RL CURVE DATA
CURVE 39 NORTH ROAD

PI	18'NRT'+86.418
Y	583943.618
X	782931.786
DELTA	36°40'05"
D	22°55'06"
T	82.845'
L	159.995'
R	250.000'
LC	157.278'
LCB	N03°42'21"E
PC	18'NRT'+03.57
PT	19'NRT'+63.57

RL CURVE DATA
CURVE 40 NORTH ROAD

PI	21'NRT'+97.861
Y	584250.475
X	782851.695
DELTA	14°45'11"
D	05°43'46"
T	129.462'
L	257.492'
R	1000.000'
LC	256.781'
LCB	N07°15'06"W
PC	20'NRT'+68.40



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.06	2011
	TPP 6430-06-00-4.07	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9238	9240	305.00'	200.97'	N01°32'31"E	197.35'
9223	9230	9100.00'	633.63'	S59°57'17"E	633.50'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
154	LOREN VANDER KINTER	FEE	0.473	0	0.473	0
159	REBECCA & ALAN HIETPAS	FEE, ACCESS RIGHTS	0.596	0	0.596	0
161	RIESTERER PROPERTIES, LLC (3/4 INT) EVELYN L. RIESTERER, VENDOR & RIESTERER PROPERTIES, LLC, PURCHASER (1/4 INT)	FEE, ACCESS RIGHTS, TLE	4.738	0	4.738	1.052
162	RAYMOND P. & MARIE J. HAST	FEE, ACCESS RIGHTS	0.800	0	0.800	0
163	RIESTERER PROPERTIES, LLC	FEE	0.262	0	0.262	0

UTILITY INTERESTS REQUIRED:

922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9235	S00°07'30"W	344.32'
9235	9236	S00°07'30"W	1378.00'
9236	9237	S86°16'08"W	107.48'
9237	9238	N17°20'04"W	98.72'
9240	9241	N43°40'10"W	126.84'
9241	9242	N57°57'36"W	774.36'
9242	9224	N62°45'09"W	449.63'
9224	9223	N00°24'53"E	352.93'
9230	9231	S57°57'36"E	724.36'
9231	9232	S89°52'30"E	56.54'
9232	9233	N00°07'30"E	633.86'
9233	9234	N12°31'57"E	102.39'
9234	9235	S89°52'30"E	33.00'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
548	584169.086	782039.834
9517	583678.131	782824.306

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.47, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 8/12/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

PROVIDED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

040447_15.DWG REVISED: 08/12/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.48 AMENDMENT NO. 1

ADDS PARCEL 98 AND AMENDS PARCEL 164 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.48 RECORDED AS DOCUMENT NO. 2024138. PART OF LOTS 2, 3 AND 4 OF CSM 5384, BEING PART OF THE SE1/4-SE1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2036697**
Date: **02-24-2015** Time: **09:31 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.48
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

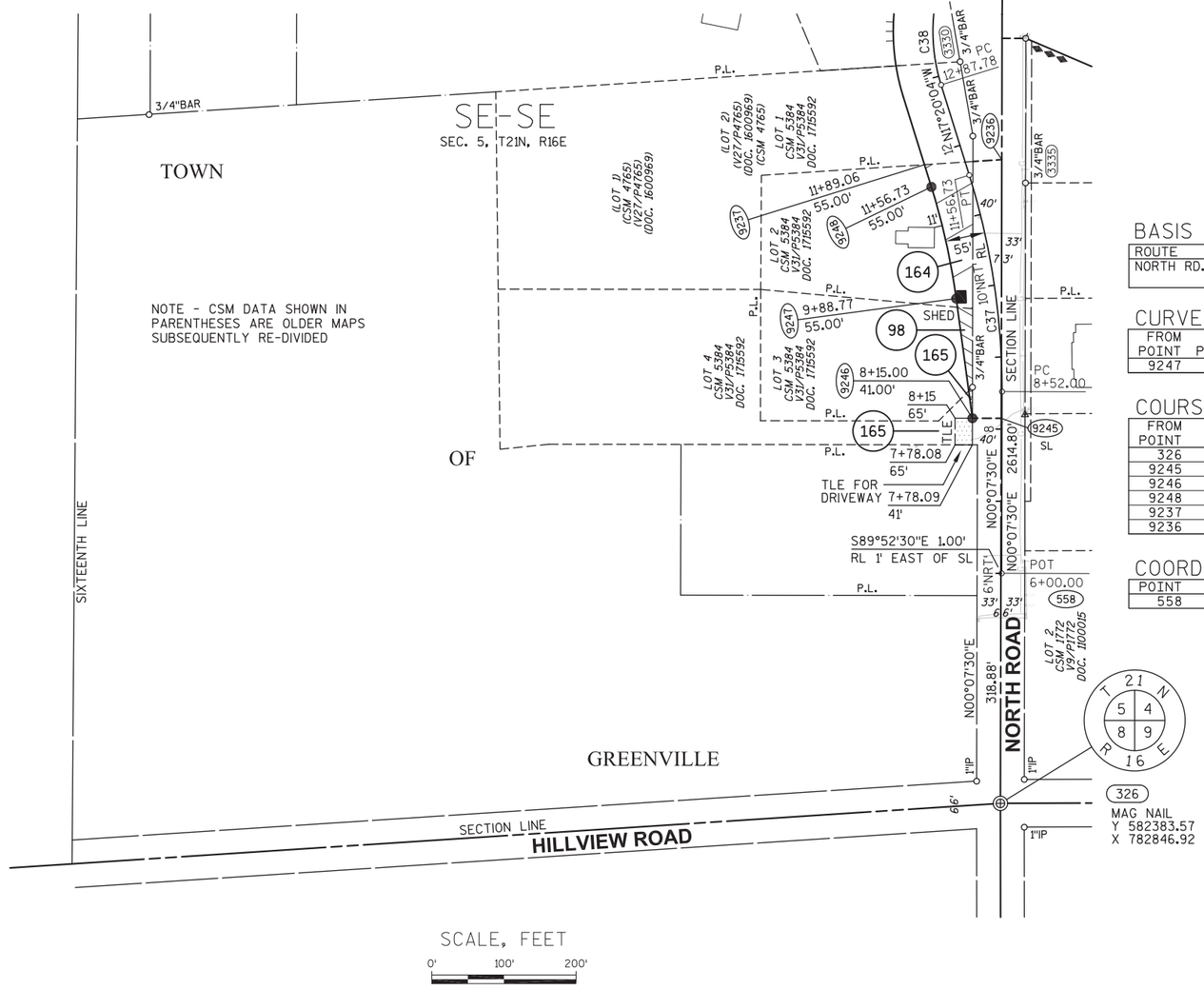
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
98	THOMAS J. & RUTH M. HEENAN	FEE	0.034	0	0.034	0
164	MARK W. O'BRIEN	FEE	0.189	0	0.189	0
165	STEVEN PASCHKE	FEE, TLE	0.003	0	0.003	0.020

RL CURVE DATA CURVE 37 NORTH ROAD	
PI	10'NRT'+05.555
Y	583107.996
X	782849.501
DELTA	17°27'34"
D	05°43'46"
T	153.553'
L	304.726'
R	1000.000'
LC	303.548'
LCB	N08°36'17"W

RL CURVE DATA CURVE 38 NORTH ROAD	
PI	13'NRT'+77.235
Y	583465.067
X	782738.050
DELTA	39°22'28"
D	22°55'06"
T	89.450'
L	171.803'
R	250.000'
LC	168.443'
LCB	N02°21'10"E
PT	14'NRT'+59.59



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

CURVE TABLE

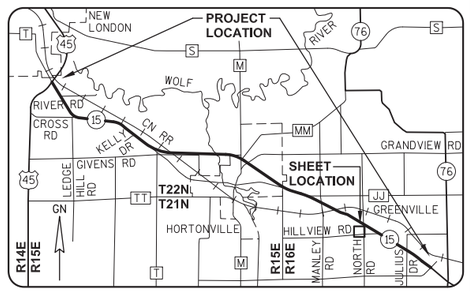
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9247	9248	945.00'	158.72'	N12°31'22"W	158.53'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
326	9245	N00°07'30"E	533.88'
9245	9246	N89°52'30"W	40.00'
9246	9247	N07°42'40"W	167.41'
9248	9237	N17°20'04"W	32.34'
9237	9236	N86°16'08"E	107.48'
9236	9245	S00°07'30"W	358.61'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
558	582702.442	782848.616



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.48, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 2/12/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/20/2015 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT WI
LAND SURVEYOR

COMPLETED AS DESIGN
OCTOBER, 2019

040448_15.DWG REVISED: 02/12/2015

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.48

PART OF LOTS 2, 3 AND 4 OF CSM 5384, BEING PART OF THE SE1/4-SE1/4 OF SECTION 5, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2024138
Date: 09-05-2014 Time: 08:57 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically received and returned to the e-Submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.48
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

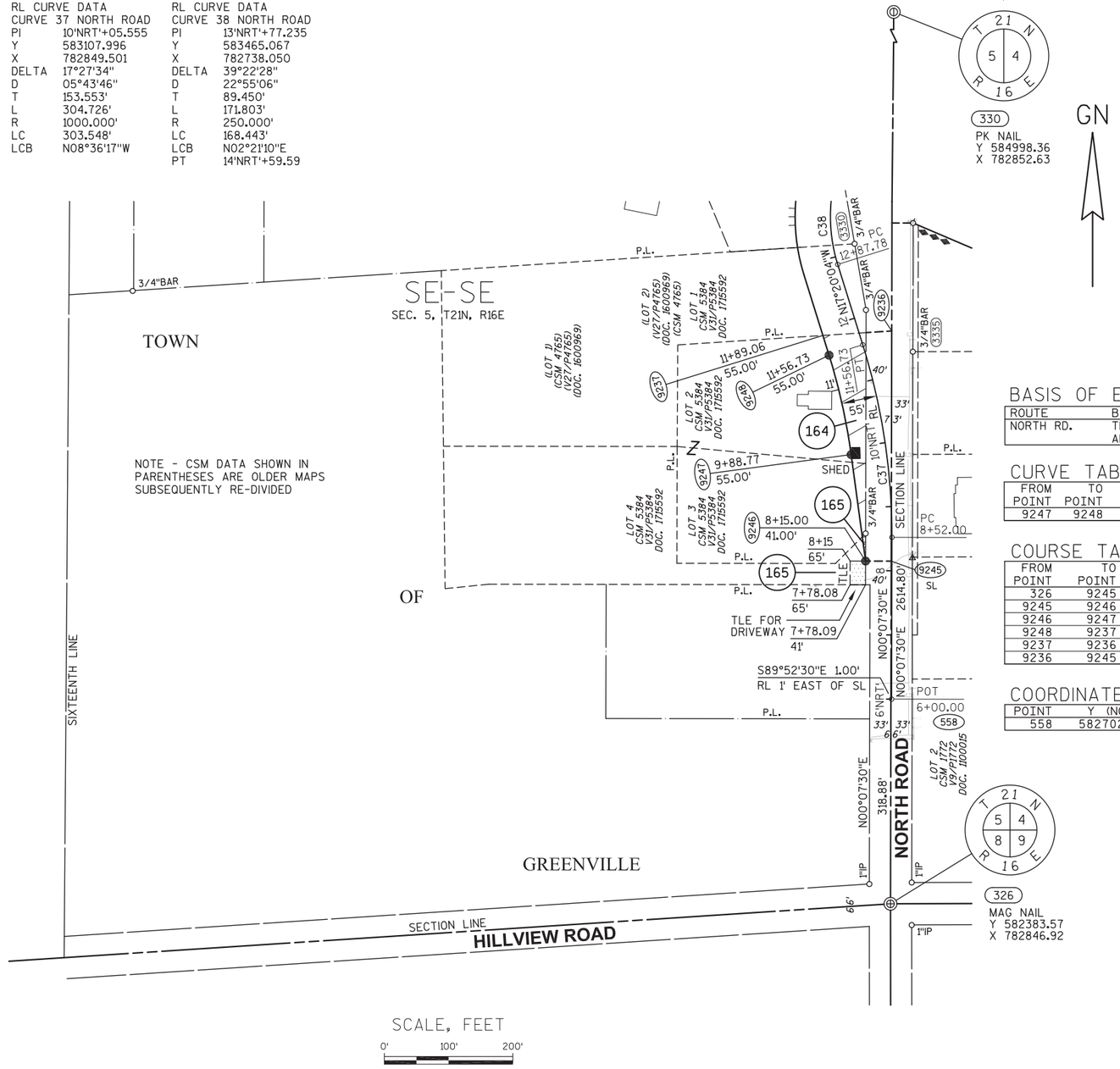
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
164	MARK W. O'BRIEN	FEE	0.223	0	0.223	0
165	STEVEN PASCHKE	FEE, TLE	0.003	0	0.003	0.020

RL CURVE DATA
CURVE 37 NORTH ROAD

PI	10'NRT'+05.555
Y	583107.996
X	782849.501
DELTA	17°27'34"
D	05°43'46"
T	153.553'
L	304.726'
R	1000.000'
LC	303.548'
LCB	N08°36'17"W

RL CURVE DATA
CURVE 38 NORTH ROAD

PI	13'NRT'+77.235
Y	583465.067
X	782738.050
DELTA	39°22'28"
D	22°55'06"
T	89.450'
L	171.803'
R	250.000'
LC	168.443'
LCB	N02°21'10"E
PT	14'NRT'+59.59



BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

CURVE TABLE

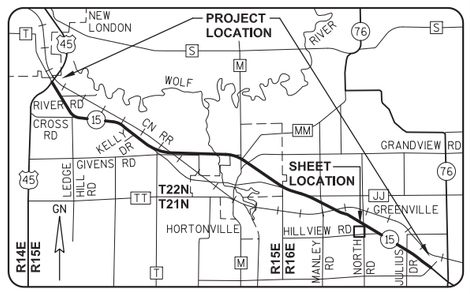
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9247	9248	945.00'	158.72'	N12°31'22"W	158.53'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
326	9245	N00°07'30"E	533.88'
9245	9246	N89°52'30"W	40.00'
9246	9247	N07°42'40"W	167.41'
9248	9237	N17°20'04"W	32.34'
9237	9236	N86°16'08"E	107.48'
9236	9245	S00°07'30"W	358.61'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
558	582702.442	782848.616



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.48, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 8/12/2014

DAVID L. ROBERTS
PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014

CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT WI
LAND SURVEYOR

COMPLETED DESIGN ADJUSTMENTS OCTOBER 2019

040448_15.DWG REVISED: 08/12/2014

APPRAISAL PLAT DATE:

Document #: 2055816
Date 10-01-2015 Time: 03:18 PM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.49
AMENDMENT NO: 1

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.49 AMENDMENT NO. 1

AMENDS PARCEL 166 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.49 RECORDED AS DOCUMENT NO. 2024139, BEING PART OF THE NW1/4-SW1/4 OF SECTION 4, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

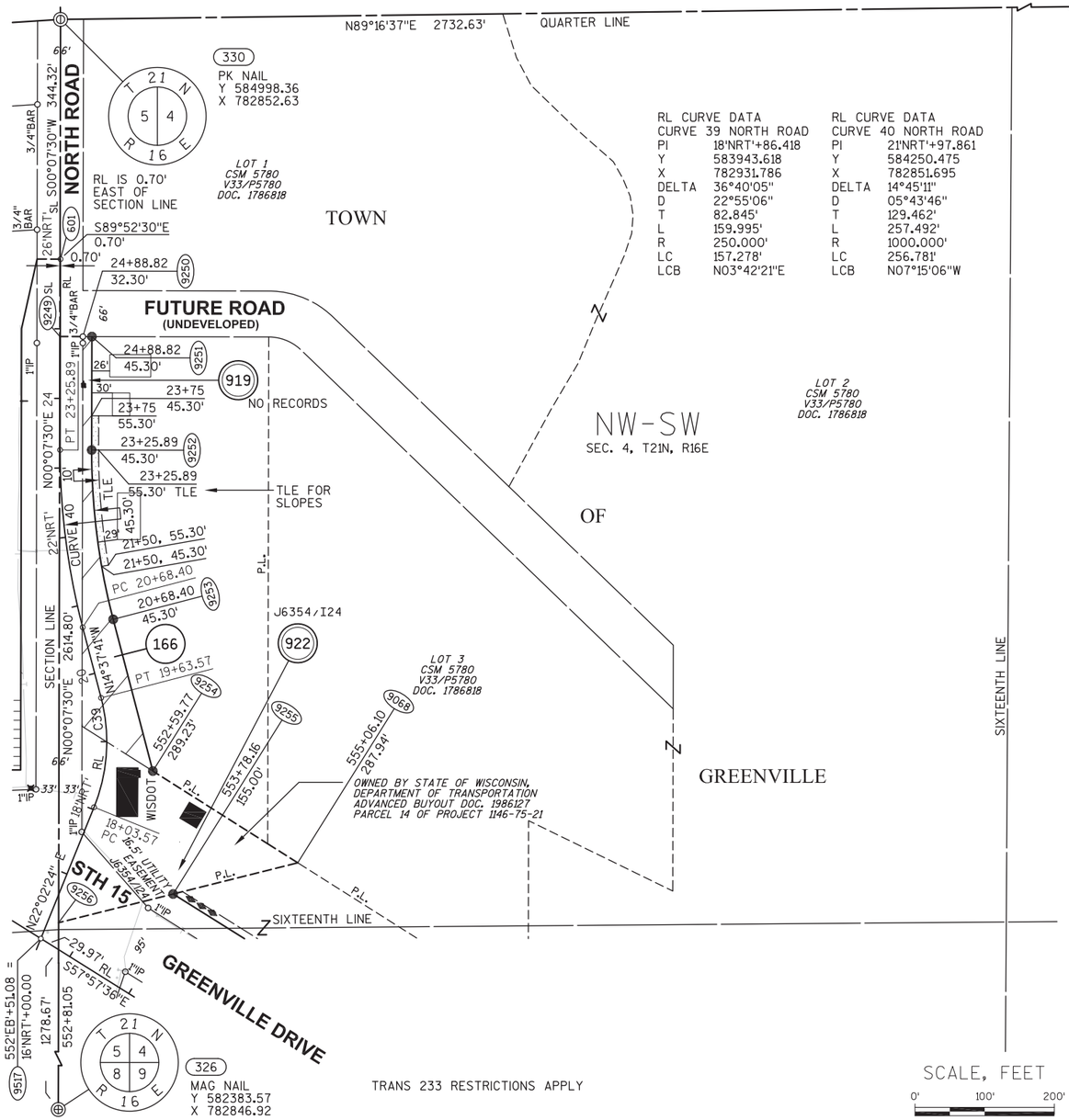
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
166	THE JOHN BUSS FAMILY TRUST DATED 11/25/98	FEE, TLE	0.470	0	0.470	0.050

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS





336
3" ALUMINUM MONUMENT
Y 585032.85
X 785585.04

GN

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.06	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING PLAT OF SURVEYS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

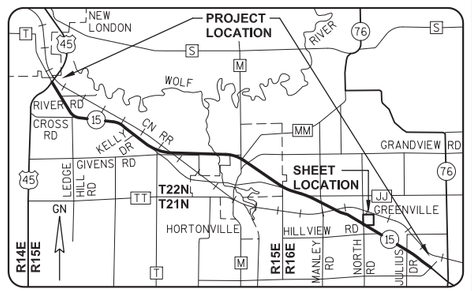
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9252	9253	954.70'	245.83'	S07°15'06"E	245.15'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9249	S00°07'30"W	455.49'
9249	9250	S89°52'30"E	33.00'
9250	9251	S89°52'30"E	13.00'
9251	9252	S00°07'30"W	162.93'
9253	9254	S14°37'41"E	225.26'
9254	9068	S57°39'41"E	246.33'
9068	9255	S75°56'23"W	184.50'
9255	9256	S75°56'23"W	169.55'
9256	9249	N00°07'30"E	841.96'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
601	584654.046	782852.575
9517	583678.131	782824.306



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.49, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/29/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/30/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

DESIGN ADJUSTMENTS OCTOBER 2019

040449_15.DWG REVISED: 09/29/2015

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.49

PART OF THE NW1/4-SW1/4 OF SECTION 4, T21N, R16E, IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

Document #: 2024139
Date: 09-05-2014 Time: 08:57 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically received and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.49
AMENDMENT NO:

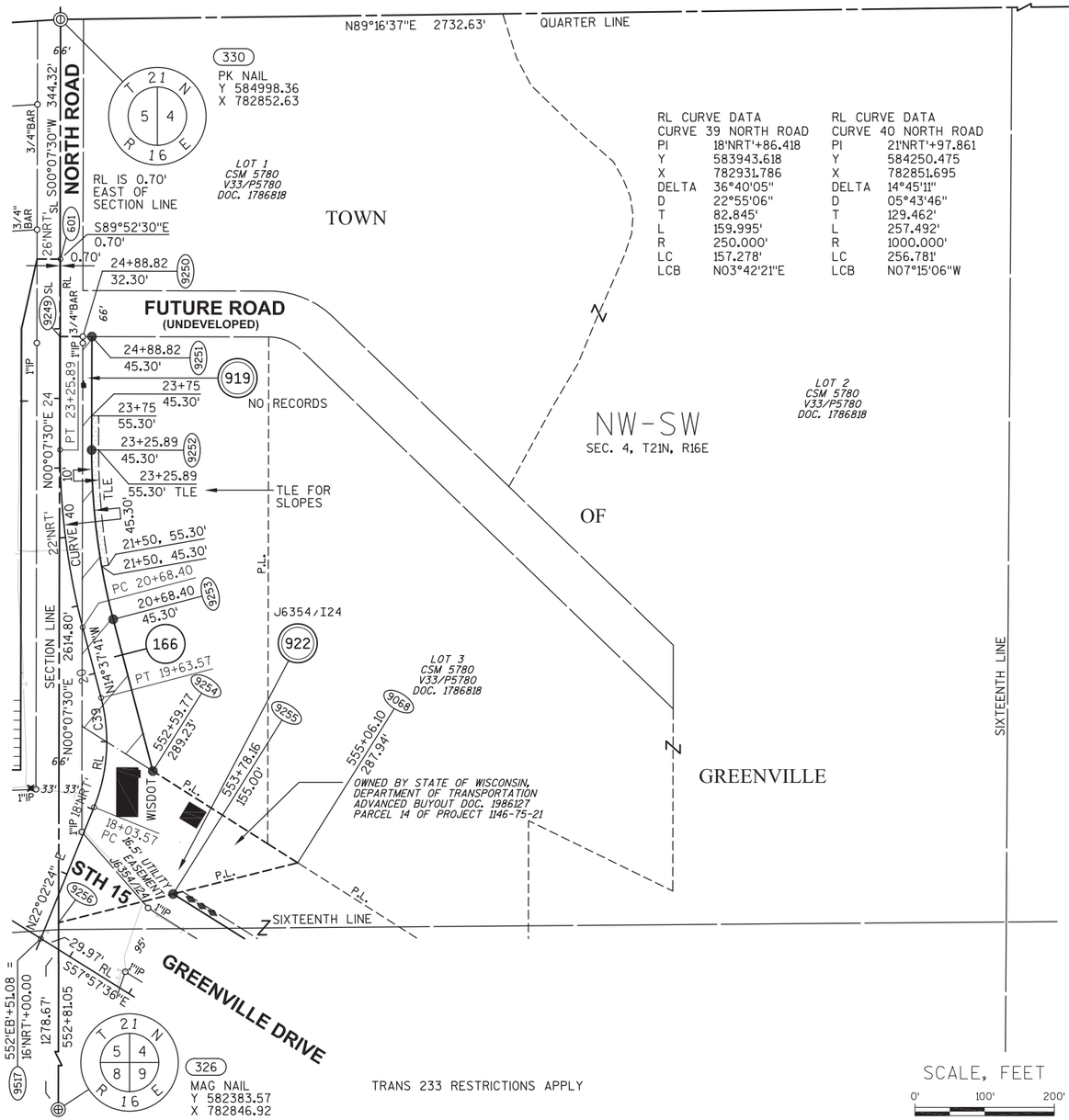
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
166	THE JOHN BUSS FAMILY TRUST DATED 11/25/98	FEE, TLE	0.470	0	0.470	0.050

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS



T 21 N R 16 E 4
336
3" ALUMINUM MONUMENT
Y 585032.85
X 785585.04
GN

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.06	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING PLAT OF SURVEYS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

CURVE TABLE

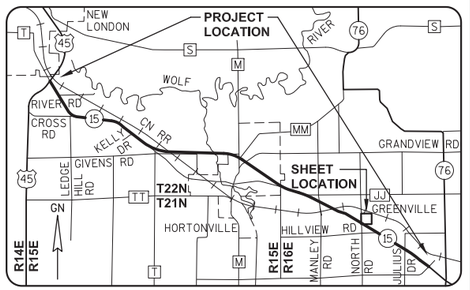
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
9252	9253	954.70'	245.83'	S07°15'06"E	245.15'

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9249	S00°07'30"W	455.49'
9249	9250	S89°52'30"E	33.00'
9250	9251	S89°52'30"E	13.00'
9251	9252	S00°07'30"W	162.93'
9253	9254	S14°37'41"E	225.26'
9254	9068	S57°39'41"E	246.33'
9068	9255	S75°56'23"W	184.50'
9255	9256	S75°56'23"W	169.55'
9256	9249	N00°07'30"E	841.96'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
601	584654.046	782852.575
9517	583678.131	782824.306



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, REGISTERED 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.49, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 7/23/2014 DAVID L. ROBERTS RLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 9/2/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

UPDATED DESIGN ADJUSTMENTS OCTOBER 2019

040449_15.DWG REVISED: 07/23/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.50 AMENDMENT NO. 1

AMENDS PARCEL 168 AND ADDS PARCEL 170 TO TRANSPORTATION PROJECT PLAT NO. 1146-75-22-4.50, RECORDED AS DOCUMENT #2028671, PART OF LOTS 3 AND 4 OF CSM 1772, AND PART OF LOTS 1, 2 AND 4 OF CSM 3738, AND PART OF LOT 3 OF CSM 5337, AND PART OF THE NW1/4-SW1/4 AND THE SW1/4-SW1/4 OF SECTION 4, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2071918
Date: 05-09-2016 Time: 04:15 PM
Pages: 3 Fees: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.50
AMENDMENT NO: 1

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.05	2011
	TPP 6430-06-00-4.06	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 3738 & 5337

RL CURVE DATA
CURVE 37 NORTH ROAD
PI 10°NRT'+05.555
Y 583107.996
X 782849.501
DELTA 17°27'34"
D 05°43'46"
T 153.553'
L 304.726'
R 1000.000'
LC 303.548'
LCB N08°36'17"W
PT 11'NRT'+56.73

330
PK NAIL
Y 584998.36
X 782852.63

T 21 N R 16 E 5 4

552+81.05 = 552'EB'+51.08 = 16'NRT+00.00

1278.67'

N22°02'24"E

STH 15

NW-SW SEC. 4, T21N, R16E

SW-SW SEC. 4, T21N, R16E

SE-SW SEC. 4, T21N, R16E

SIXTEENTH LINE

TRANS 233 RESTRICTIONS APPLY

TLE FOR SLOPES

TLE FOR DRIVEWAYS, TYPICAL (3 LOCATIONS)

TLE FOR DRIVEWAYS & SLOPES

NO RECORDS

UTILITY EASEMENT V1567/P430

LOT 2 CSM 3738 V20/P3738 DOC. 1365581

16.5' UTILITY EASEMENT J6355/11

WELL AGREEMENT J2322/128

BENNETT PLAT OF SURVEY

TO BE ACQUIRED BY STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION UNDER PROJECT 1146-75-21

WELL AGREEMENT DOC. 1513951

OWNED BY STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION ADVANCED BUYOUT DOC. 1960920 PARCEL 9 OF PROJECT 1146-75-21

LOT 4 CSM 3738 V20/P3738 DOC. 1365581

LOT 3 CSM 3738 V20/P3738 DOC. 1365581

LOT 2 CSM 4053 V22/P4053 DOC. 1407819

CSM V722/P1 DOC. 1407819

LOT 4 CSM 1772 V9/P1772 DOC. 1000015

LOT 3 CSM 1772 V9/P1772 DOC. 1000015

LOT 2 CSM 1772 V9/P1772 DOC. 1000015

LOT 1 CSM 5337 V30/P5337 DOC. 1706710

LOT 2 CSM 5337 V30/P5337 DOC. 1706710

LOT 3 CSM 5337 V30/P5337 DOC. 1706710

(LOT 1) CSM V397/P1 DOC. 918850

TOWN OF GREENVILLE

WISDOT

GREENVILLE DRIVE STH 15

NORTH ROAD

HILLVIEW ROAD

SECTION LINE

RL IS 1.00' EAST OF SECTION LINE

PC 8+52.00

POT 6+00.00

MAG NAIL
Y 582383.57
X 782846.92

3" ALUMINUM MONUMENT
Y 582392.80
X 785557.62

SECTION LINE N89°48'18"E 2710.71'

NOTE - CSM DATA SHOWN IN PARENTHESES ARE OLDER MAPS SUBSEQUENTLY RE-DIVIDED

SCALE, FEET
0' 100' 200'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
168	JAMES H. HENRY, ETAL	FEE, TLE	0.470	0	0.470	0.050
169	FBO SUSAN M. KORTH IRA	FEE, TLE	2.731	0	2.731	0.036
170	JAMES H. HENRY, ETAL ESTHER L. HENRY, LIFE ESTATE	FEE, TLE	0.204	0	0,204	0.011
171	DANIEL KRUPKA	TLE	0	0	0	0.029
172	TROY R. KRAHN	TLE	0	0	0	0.052
176	MARTIN J. & JODIE L. VANLYSSEL	FEE, TLE	0.181	0	0.181	0.012
178	KATHLEEN A. WOLF	FEE, TLE	0.168	0	0.168	0.013
179	HILLVIEW INVESTMENTS, LLC	FEE	0.699	0	0.699	0
181	ROGER H. HOLL	FEE, ACCESS RIGHTS	0.075	0	0.075	0
182	JOHN S. & SUSAN M. KORTH	FEE	0.994	0	0.994	0
183	WILLIAM DAIN	FEE, ACCESS RIGHTS	0.062	0	0.062	0

UTILITY INTERESTS REQUIRED:

922	AT&T WISCONSIN	RELEASE OF RIGHTS

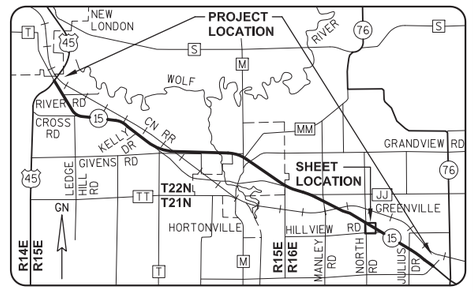
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
588	582702.442	782848.616
9517	583678.131	782824.306
9518	582814.066	784204.952

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9256	S00°07'30"W	1297.45'
9256	9255	N75°56'23"E	169.55'
9255	9285	S57°57'36"E	1071.84'
9285	9286	S46°39'00"E	50.99'
9286	9287	S57°57'36"E	250.00'
9287	9288	S65°43'31"E	25.98'
9288	9270	S11°09'11"W	154.65'
9270	9271	S15°49'40"W	155.20'
9271	9272	N57°57'36"W	274.21'
9272	9273	S32°02'24"W	45.00'
9273	9274	N57°57'36"W	50.00'
9274	9275	N32°02'24"E	50.00'
9275	9276	N57°57'36"W	155.04'
9276	3339	S32°15'01"W	55.40'
3339	3340	N57°43'48"W	151.20'
3340	9277	N32°17'47"E	54.80'
9277	9278	N57°57'36"W	643.80'
9278	9279	N66°53'00"W	177.85'
9279	9280	N89°52'30"W	33.00'
9280	9256	N00°07'30"E	256.67'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT 1146-75-22-4.50, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/02/2016 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 5/08/2016 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

UPDATED DESIGN ADJUSTMENTS OCTOBER 2019

REVISED: 05/02/2016

040450_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.50

PART OF LOTS 3 AND 4 OF CSM 1772, AND PART OF LOTS 1, 2 AND 4 OF CSM 3738, AND PART OF LOT 3 OF CSM 5337, AND PART OF THE NW1/4-SW1/4 AND THE SW1/4-SW1/4 OF SECTION 4, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2028671
Date: 10-30-2014 Time: 09:45 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.50
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.05	2011
	TPP 6430-06-00-4.06	2011
NORTH RD.	TPP 6430-06-00-4.06	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 3738 & 5337

RL CURVE DATA
CURVE 37 NORTH ROAD
PI 10'NRT'+05.555
Y 583107.996
X 782849.501
DELTA 17°27'34"
D 05°43'46"
T 153.553'
L 304.726'
R 1000.000'
LC 303.548'
LCB N08°36'17"W
PT 11'NRT'+56.73

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	TOTAL	TLE ACRES TEMP.
168	JAMES H. HENRY, ETAL	FEE, TLE	0.674	0	0.674	0.061
169	FBO SUSAN M. KORTH IRA	FEE, TLE	2.731	0	2.731	0.036
171	DANIEL KRUPKA	TLE	0	0	0	0.029
172	TROY R. KRAHN	TLE	0	0	0	0.052
176	MARTIN J. & JODIE L. VANLYSSEL	FEE, TLE	0.181	0	0.181	0.012
178	KATHLEEN A. WOLF	FEE, TLE	0.168	0	0.168	0.013
179	HILLVIEW INVESTMENTS, LLC	FEE	0.699	0	0.699	0
181	ROGER H. HOLL	FEE, ACCESS RIGHTS	0.075	0	0.075	0
182	JOHN S. & SUSAN M. KORTH	FEE	0.994	0	0.994	0
183	WILLIAM DAIN	FEE, ACCESS RIGHTS	0.062	0	0.062	0

UTILITY INTERESTS REQUIRED:

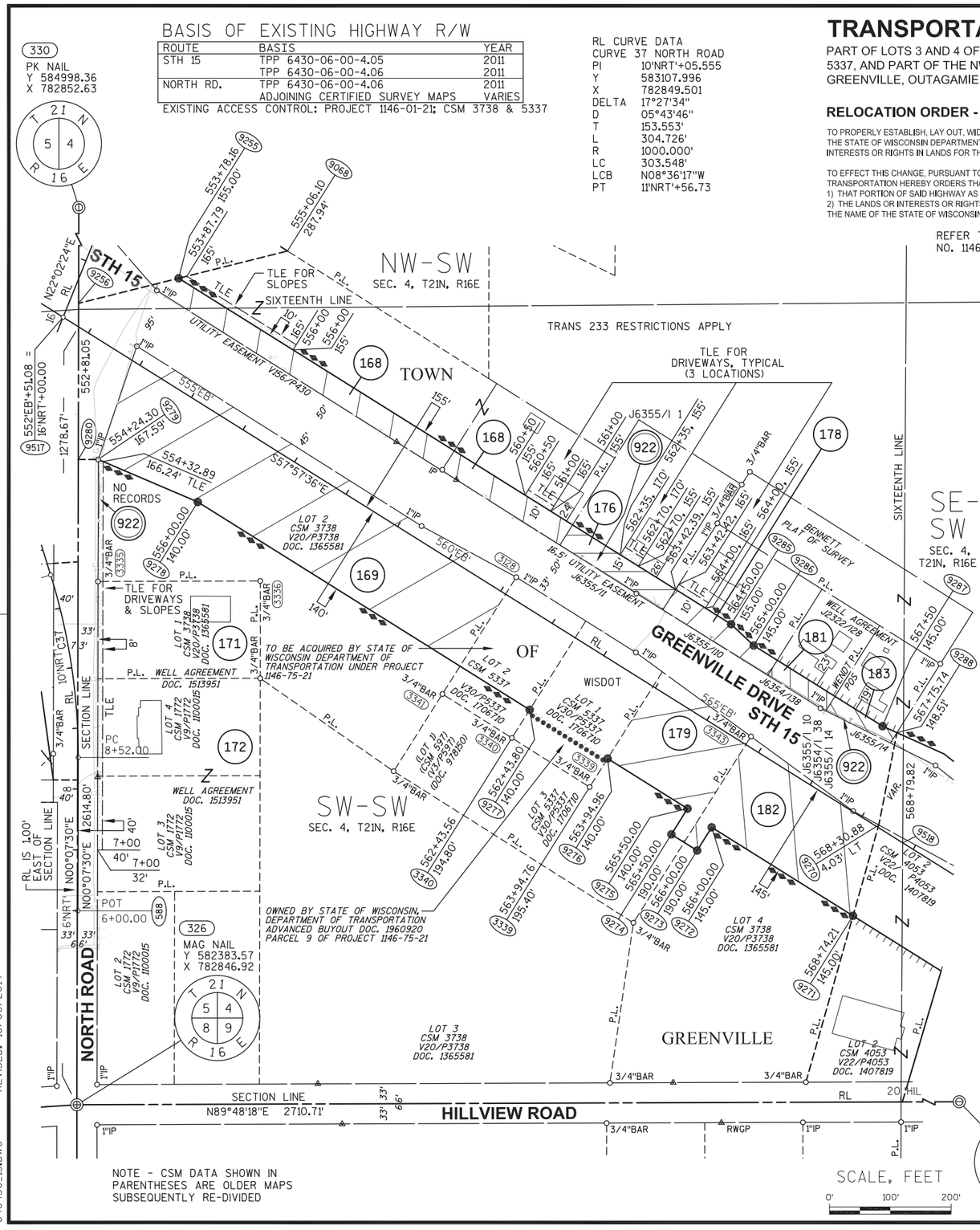
922	AT&T WISCONSIN	RELEASE OF RIGHTS

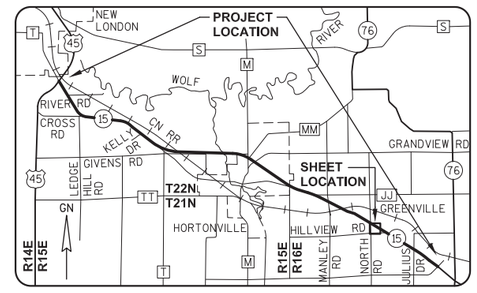
COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
588	582702.442	782848.616
9517	583678.131	782824.306
9518	582814.066	784204.952

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
330	9256	S00°07'30"W	1297.45'
9256	9255	N75°56'23"E	169.55'
9255	9285	S57°57'36"E	1071.84'
9285	9286	S46°39'00"E	50.99'
9286	9287	S57°57'36"E	250.00'
9287	9288	S65°43'31"E	25.98'
9288	9270	S11°09'11"W	154.65'
9270	9271	S15°49'40"W	155.20'
9271	9272	N57°57'36"W	274.21'
9272	9273	S32°02'24"W	45.00'
9273	9274	N57°57'36"W	50.00'
9274	9275	N32°02'24"E	50.00'
9275	9276	N57°57'36"W	155.04'
9276	3339	S32°15'01"W	55.40'
3339	3340	N57°43'48"W	151.20'
3340	9277	N32°17'47"E	54.80'
9277	9278	N57°57'36"W	643.80'
9278	9279	N66°53'00"W	177.85'
9279	9280	N89°52'30"W	33.00'
9280	9256	N00°07'30"E	256.67'





GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.50, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 10/08/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

COMPLETED AS DESIGN
OCTOBER, 2019

040450_15.DWG REVISED: 10/08/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.51
AMENDMENT NO. 2

AMENDS PARCEL 191 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.51 AMENDMENT NO. 1 RECORDED AS DOCUMENT NO. 2067740. PART OF LOT 1 OF CSM 3949, AND PART OF LOT 2 OF CSM 4053, AND PART OF LOTS 1 AND 2 OF CSM 4186, AND PART OF LOT 1 OF CSM 5329, AND PART OF THE SW1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 4, AND PART OF THE NE1/4-NW1/4 AND THE NW1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document # 2071924
Date: 05-09-2016 Time 04:37 PM
Pages 1 Fee $25.00
County: OUTAGAMIE COUNTY State WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.51
AMENDMENT NO: 2

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

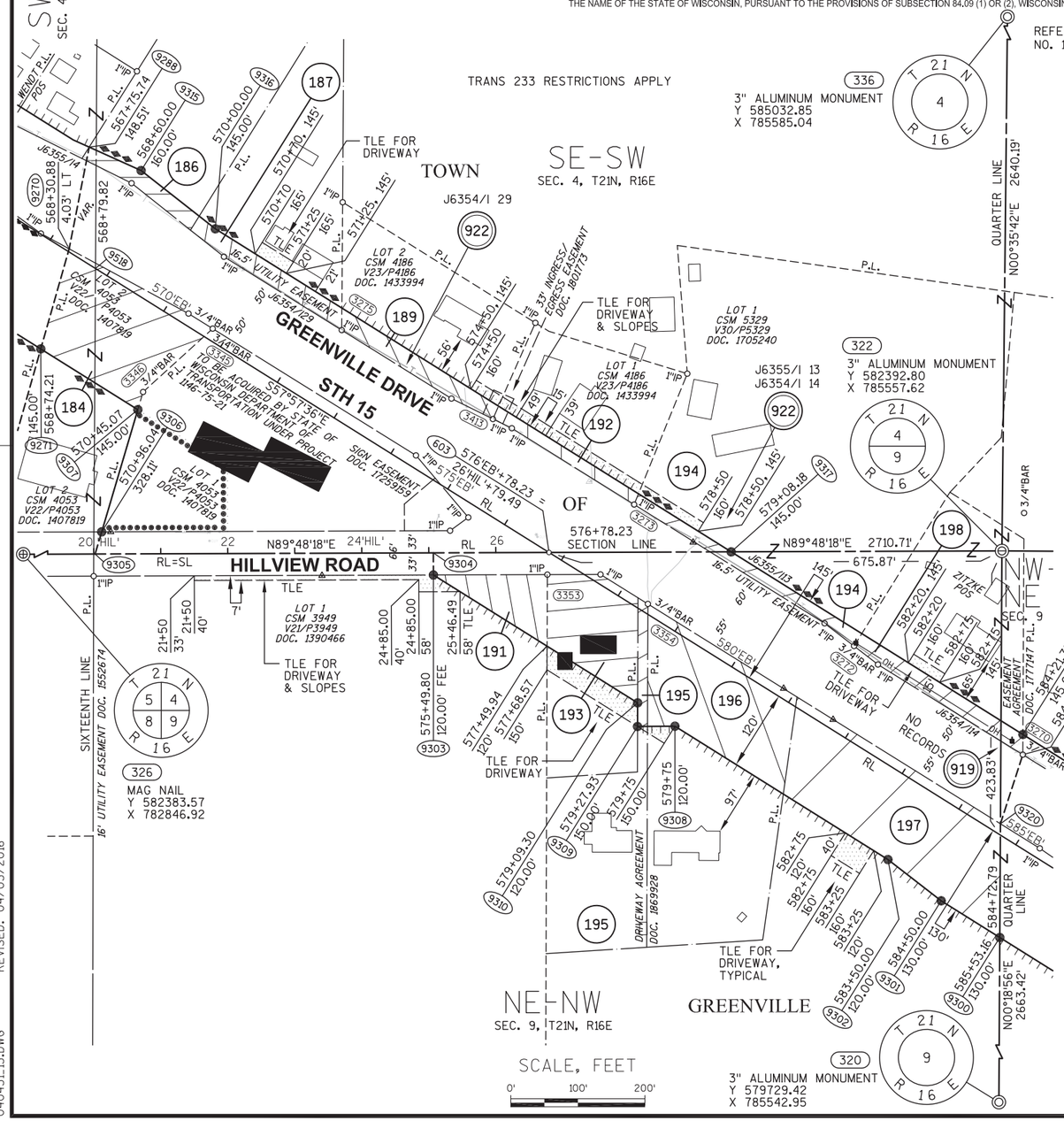
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.05	2011
HILLVIEW RD.	TPP 6430-06-00-4.05	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 4053

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
603	582390.498	784881.752
9518	582814.066	784204.952



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	TOTAL	TLE ACRES TEMP.
184	STEVEN & GINA PASCHKE	FEE	0.725	0	0.725	0
186	BENNETT REVOCABLE TRUST DATED JUNE 13, 2007	FEE	0.103	0	0.103	0
187	JEROME D. & BARBARA HUNGERFORD	FEE, TLE	0.166	0	0.166	0.025
189	MATTHEW & BRITTANY BRANT	FEE, ACCESS RIGHTS, TLE	0.166	0	0.166	0.016
191	KIPPENHAN REVOCABLE TRUST	FEE, ACCESS RIGHTS, TLE	0.208	0	0.208	0.078
192	CAROLE B. BENNETT	FEE, ACCESS RIGHTS, TLE	0.099	0	0.099	0.085
193	SCOTT D. & LINDA K. BURR	FEE, ACCESS RIGHTS, TLE	0.441	0	0.441	0.110
194	DONALD J. & JOANN C. BARTELS	FEE, TLE	0.153	0	0.153	0.037
195	ERIK C. & SHEENA L. ARNDT	FEE, ACCESS RIGHTS, TLE	0.064	0	0.064	0.002
196	LUANNE MCNICHOLS	FEE, ACCESS RIGHTS, TLE	0.780	0	0.780	0.015
197	DANNY J. & BRENDA L. VATLAND	FEE, ACCESS RIGHTS, TLE	1.171	0	1.171	0.046
198	BRUCE E. & SARAH K. MATTRISCH	FEE, TLE	0.172	0	0.172	0.019

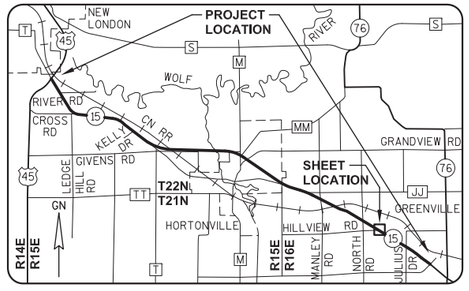
UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
322	9317	S89°48'18"W	404.02'
9317	9318	S57°57'36"E	513.54'
9318	9319	S00°18'00"W	30.07'
9319	9320	S17°55'49"W	108.43'
9320	9300	S00°18'56"W	169.61'
9300	9301	N57°57'36"W	103.16'
9301	9302	N52°14'58"W	100.50'
9302	9308	N57°57'36"W	375.00'
9308	9309	S89°31'39"W	55.82'
9309	9310	N00°11'38"E	35.33'
9310	9303	N57°57'36"W	359.49'
9303	9304	N00°11'42"W	33.00'
9304	9305	S89°48'18"W	504.72'
9305	9306	N16°29'10"E	34.45'
9306	9307	N16°29'10"E	190.07'
9307	9271	N57°57'36"W	170.86'
9271	9270	N15°49'40"E	155.20'
9270	9288	N11°09'11"E	154.65'
9288	9315	S65°43'31"E	85.04'
9315	9316	S51°50'40"E	140.80'
9316	9317	S57°57'36"E	908.18'

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.51, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 4/05/2016 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 5/08/2016 CURT VAN EREM REAL ESTATE SUPERVISOR

REVISED: 04/05/2016
040451.15.DWG
APPRAISAL PLAT DATE:

REVISED DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.51
AMENDMENT NO. 1

AMENDS PARCELS 184 AND 191 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.51 RECORDED AS DOCUMENT NO. 2028672. PART OF LOT 1 OF CSM 3949, AND PART OF LOT 2 OF CSM 4053, AND PART OF LOTS 1 AND 2 OF CSM 4186, AND PART OF LOT 1 OF CSM 5329, AND PART OF THE SW1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 4, AND PART OF THE NE1/4-NW1/4 AND THE NW1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2067740**
Date: **03-17-2016** Time: **01:59 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.51
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

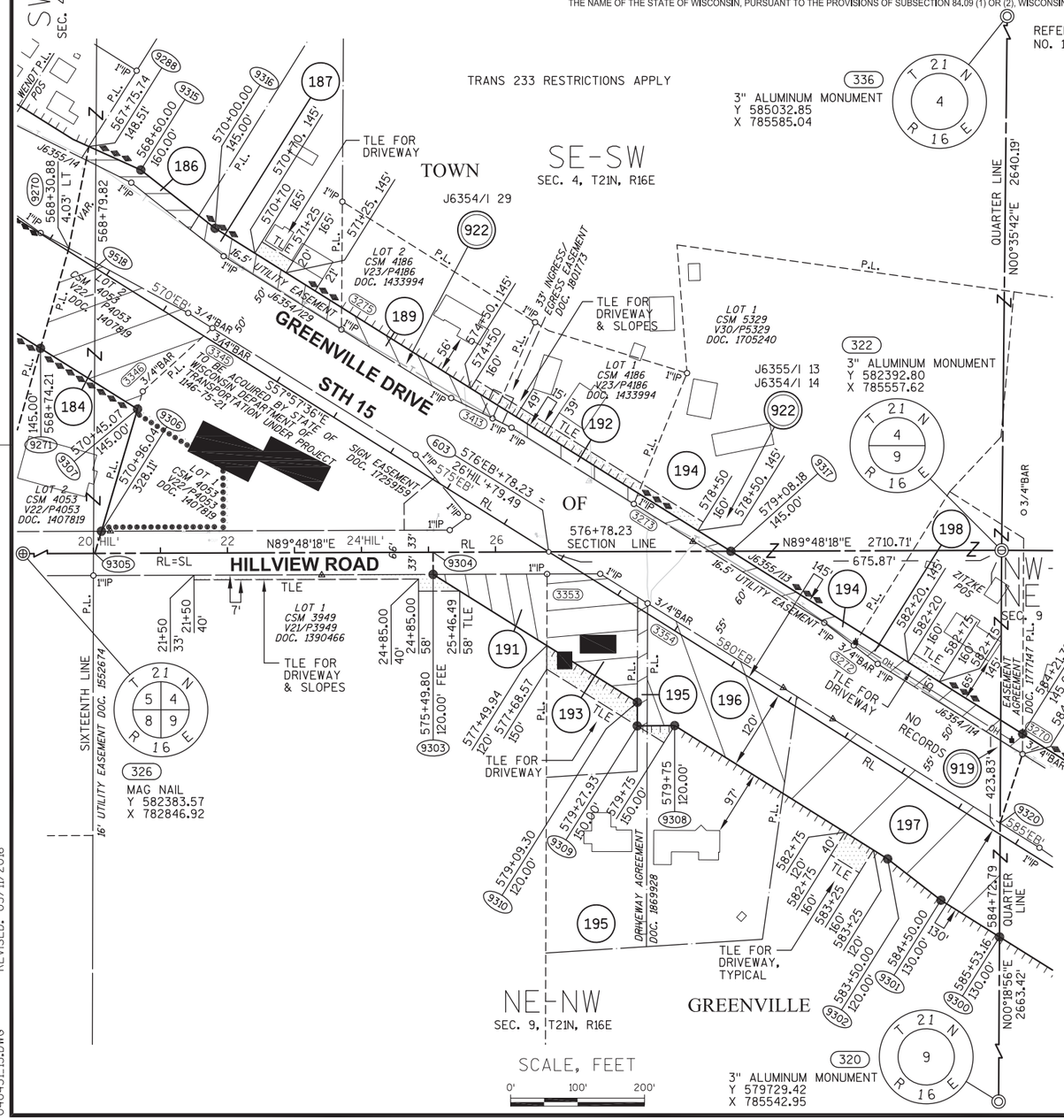
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.05	2011
HILLVIEW RD.	TPP 6430-06-00-4.05	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 4053

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
603	582390.498	784881.752
9518	582814.066	784204.952



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

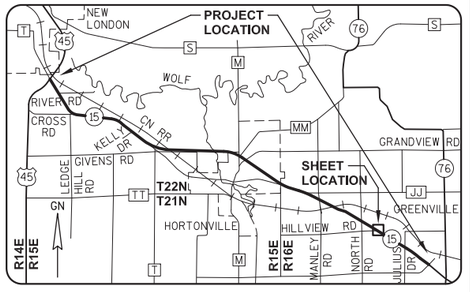
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
184	STEVEN & GINA PASCHKE	FEE	0.725	0	0.725	0
186	BENNETT REVOCABLE TRUST DATED JUNE 13, 2007	FEE	0.103	0	0.103	0
187	JEROME D. & BARBARA HUNGERFORD	FEE, TLE	0.166	0	0.166	0.025
189	MATTHEW & BRITTANY BRANT	FEE, ACCESS RIGHTS, TLE	0.166	0	0.166	0.016
191	KIPPENHAN REVOCABLE TRUST	FEE, TLE	0.208	0	0.208	0.078
192	CAROLE B. BENNETT	FEE, ACCESS RIGHTS, TLE	0.099	0	0.099	0.085
193	SCOTT D. & LINDA K. BURR	FEE, ACCESS RIGHTS, TLE	0.441	0	0.441	0.110
194	DONALD J. & JOANN C. BARTELS	FEE, TLE	0.153	0	0.153	0.037
195	ERIK C. & SHEENA L. ARNDT	FEE, ACCESS RIGHTS, TLE	0.064	0	0.064	0.002
196	LUANNE MCNICHOLS	FEE, ACCESS RIGHTS, TLE	0.780	0	0.780	0.015
197	DANNY J. & BRENDA L. VATLAND	FEE, ACCESS RIGHTS, TLE	1.171	0	1.171	0.046
198	BRUCE E. & SARAH K. MATTRISCH	FEE, TLE	0.172	0	0.172	0.019

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
322	9317	S89°48'18"W	404.02'
9317	9318	S57°57'36"E	513.54'
9318	9319	S00°18'00"W	30.07'
9319	9320	S17°55'49"W	108.43'
9320	9300	S00°18'56"W	169.61'
9300	9301	N57°57'36"W	103.16'
9301	9302	N52°14'58"W	100.50'
9302	9308	N57°57'36"W	375.00'
9308	9309	S89°31'39"W	55.82'
9309	9310	N00°11'38"E	35.33'
9310	9303	N57°57'36"W	359.49'
9303	9304	N00°11'42"W	33.00'
9304	9305	S89°48'18"W	504.72'
9305	9306	N16°29'10"E	34.45'
9306	9307	N16°29'10"E	190.07'
9307	9271	N57°57'36"W	170.86'
9271	9270	N15°49'40"E	155.20'
9270	9288	N11°09'11"E	154.65'
9288	9315	S65°43'31"E	85.04'
9315	9316	S51°50'40"E	140.80'
9316	9317	S57°57'36"E	908.18'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.51, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 03/11/2016 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 3/17/2016 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

COPYRIGHTED DESIGN OCTOBER 2019

040451.15.DWG REVISED: 03/11/2016

APPRAISAL PLAT DATE:

2034148

Recorded

January 15, 2015 9:46 AM

OUTAGAMIE COUNTY
SARAH R VAN CAMP
REGISTER OF DEEDS

Fee Amount: $30.00
Total Pages: 1

Document Number
AFFIDAVIT OF CORRECTION
TRANSPORTATION PROJECT PLAT
Wisconsin Department of Transportation
s.84.095(3)(b) Wis. Stats.
DT1590 8/2006

This Affidavit of Correction applies to Transportation Project Plat 1146-75-22 - 4.51, recorded in Document #2028672 in the Office of the Register of Deeds for Outagamie County.

The owner of Parcel 187 was shown on the original TPP (recorded on 10-30-2014) as Roger A. & Mary Jane Guyette. The correct current owner of Parcel 187 should instead be Jerome D. & Barbara Hungerford.

This space is reserved for recording data

Return to

Wisconsin Department of Transportation
944 Vanderperren Way
Green Bay, WI 54304

Attn: Real Estate

Parcel Identification Number/Tax Key Number
110014700

I certify that I represent the entity, which prepared or submitted the original plat.
This Affidavit of Correction has been approved by the Wisconsin Department of Transportation.

David L. Roberts
(Signature)

DAVID L. ROBERTS
(Print Name)

Professional Land Surveyor
(Title)

Subscribed and sworn to before me this date.

1/8/2015
(Date)

State of Wisconsin)
) ss.
Portage County)

Amanda Lepak
(Signature, Notary Public, State of Wisconsin)

Amanda Lepak
(Print or Type Name, Notary Public, State of Wisconsin)

8/28/18
(Date Commission Expires)

AMANDA LEPAK NOTARY PUBLIC STATE OF WISCONSIN

Seal(s)

Project ID 1146-75-22 This instrument was drafted by Gremmer & Associates Parcel No. 187

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.51

PART OF LOT 1 OF CSM 3949, AND PART OF LOT 2 OF CSM 4053, AND PART OF LOTS 1 AND 2 OF CSM 4186, AND PART OF LOT 1 OF CSM 5329, AND PART OF THE SW1/4-SW1/4 AND THE SE1/4-SW1/4 OF SECTION 4, AND PART OF THE NE1/4-NW1/4 AND THE NW1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2028672
Date: 10-20-2014 Time: 09:45 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.51
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

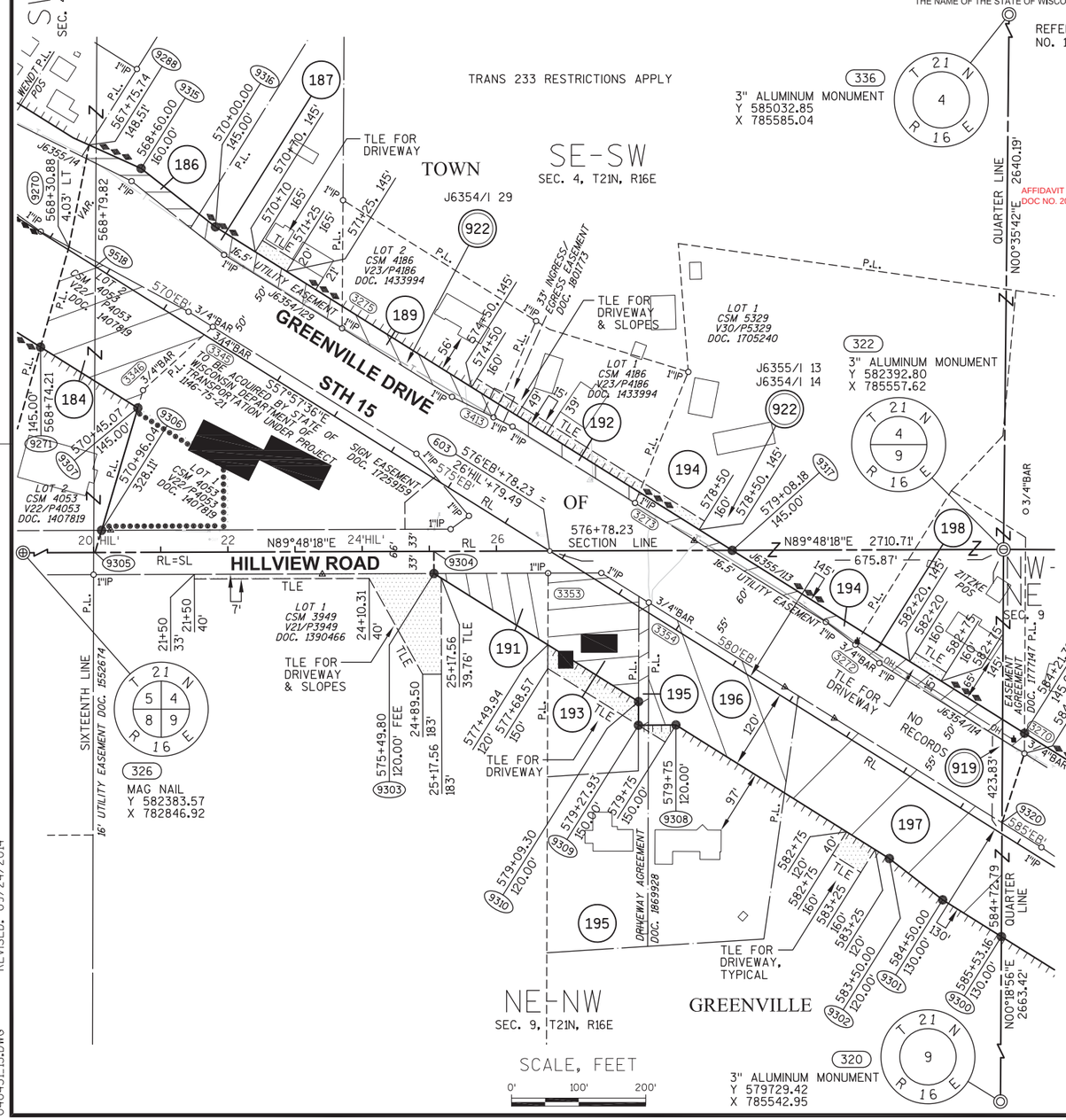
BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.05	2011
HILLVIEW RD.	TPP 6430-06-00-4.05	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 4053

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
603	582390.498	784881.752
9518	582814.066	784204.952



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

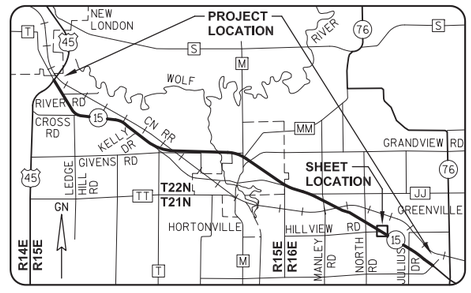
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
184	STEVEN & GINA PASCHKE	FEE, ACCESS RIGHTS	0.725	0	0.725	0
186	BENNETT REVOCABLE TRUST DATED JUNE 13, 2007	FEE	0.103	0	0.103	0
187	JEROME D. & BARBARA HUNGERFORD	FEE, TLE	0.166	0	0.166	0.025
189	MATTHEW & BRITTANY BRANT	FEE, ACCESS RIGHTS, TLE	0.166	0	0.166	0.016
191	KIPPENHAN REVOCABLE TRUST	FEE, TLE	0.208	0	0.208	0.280
192	CAROLE B. BENNETT	FEE, ACCESS RIGHTS, TLE	0.099	0	0.099	0.085
193	SCOTT D. & LINDA K. BURR	FEE, ACCESS RIGHTS, TLE	0.441	0	0.441	0.110
194	DONALD J. & JOANN C. BARTELS	FEE, TLE	0.153	0	0.153	0.037
195	ERIK C. & SHEENA L. ARNDT	FEE, ACCESS RIGHTS, TLE	0.064	0	0.064	0.002
196	LUANNE MCNICHOLS	FEE, ACCESS RIGHTS, TLE	0.780	0	0.780	0.015
197	DANNY J. & BRENDA L. VATLAND	FEE, ACCESS RIGHTS, TLE	1.171	0	1.171	0.046
198	BRUCE E. & SARAH K. MATTRISCH	FEE, TLE	0.172	0	0.172	0.019

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
322	9317	S89°48'18"W	404.02'
9317	9318	S57°57'36"E	513.54'
9318	9319	S00°18'00"W	30.07'
9319	9320	S17°55'49"W	108.43'
9320	9300	S00°18'56"W	169.61'
9300	9301	N57°57'36"W	103.16'
9301	9302	N52°14'58"W	100.50'
9302	9308	N57°57'36"W	375.00'
9308	9309	S89°31'39"W	55.82'
9309	9310	N00°11'38"E	35.33'
9310	9303	N57°57'36"W	359.49'
9303	9304	N00°11'42"W	33.00'
9304	9305	S89°48'18"W	504.72'
9305	9306	N16°29'10"E	34.45'
9306	9307	N16°29'10"E	190.07'
9307	9271	N57°57'36"W	170.86'
9271	9270	N15°49'40"E	155.20'
9270	9288	N11°09'11"E	154.65'
9288	9315	S65°43'31"E	85.04'
9315	9316	S51°50'40"E	140.80'
9316	9317	S57°57'36"E	908.18'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.51, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/24/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

040451_15.DWG REVISED: 09/24/2014

APPRAISAL PLAT DATE:

COPYRIGHTED DESIGN
SUBJECT TO ADJUSTMENTS
OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.52 AMENDMENT NO. 1

AMENDS PARCEL 202 AND DELETES PARCEL 201 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22-4.52 RECORDED AS DOCUMENT NO. 2028673. PART OF LOTS 1, 2, 3 AND 4 CSM 1634, AND PART OF LOT 2 OF CSM 5329, AND PART OF LOT 2 OF CSM 6450, AND PART OF LOTS 1 AND 5 AND OUTLOTS 1 AND 2 OF HERITAGE PARK, AND PART OF THE NW1/4-NE1/4 AND THE SW1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2059050
Date: 11-11-2015 Time: 07:41 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.52
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.04	2011
	TPP 6430-06-00-4.05	2011
BENNETT CR.	TPP 6430-06-00-4.05	2011
	HERITAGE PARK SUBDIVISION PLAT	2001

EXISTING ACCESS CONTROL: HERITAGE PARK; CSM 1634; PROJECT 1146-01-21

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NUMBER
213-1	STEINER SERVICES ROBERT R. & DIANE M. STEINER	3968

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
604	581788.950	785842.935
608	582355.762	785982.619
9519	581126.179	786901.944

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

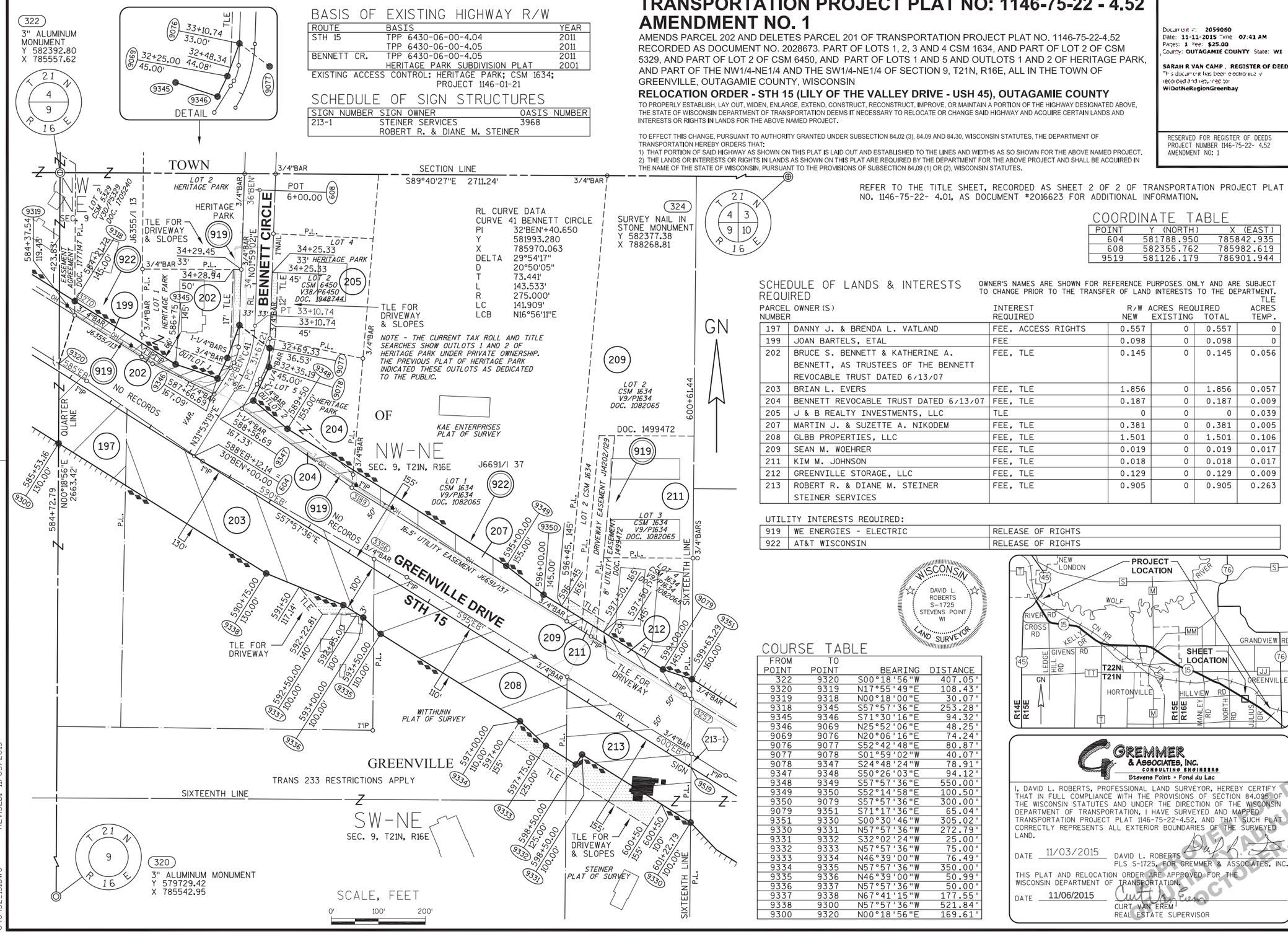
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
197	DANNY J. & BRENDA L. VATLAND	FEE, ACCESS RIGHTS	0.557	0	0.557	0
199	JOAN BARTELS, ETAL	FEE	0.098	0	0.098	0
202	BRUCE S. BENNETT & KATHERINE A. BENNETT, AS TRUSTEES OF THE BENNETT REVOCABLE TRUST DATED 6/13/07	FEE, TLE	0.145	0	0.145	0.056
203	BRIAN L. EVERS	FEE, TLE	1.856	0	1.856	0.057
204	BENNETT REVOCABLE TRUST DATED 6/13/07	FEE, TLE	0.187	0	0.187	0.009
205	J & B REALTY INVESTMENTS, LLC	TLE	0	0	0	0.039
207	MARTIN J. & SUZETTE A. NIKODEM	FEE, TLE	0.381	0	0.381	0.005
208	GLBB PROPERTIES, LLC	FEE, TLE	1.501	0	1.501	0.106
209	SEAN M. WOEHRER	FEE, TLE	0.019	0	0.019	0.017
211	KIM M. JOHNSON	FEE, TLE	0.018	0	0.018	0.017
212	GREENVILLE STORAGE, LLC	FEE, TLE	0.129	0	0.129	0.009
213	ROBERT R. & DIANE M. STEINER STEINER SERVICES	FEE, TLE	0.905	0	0.905	0.263

UTILITY INTERESTS REQUIRED:

919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
322	9320	S00°18'56"W	407.05'
9320	9319	N17°55'49"E	108.43'
9319	9318	N00°18'00"E	30.07'
9318	9345	S57°57'36"E	253.28'
9345	9346	S71°30'16"E	94.32'
9346	9069	N25°52'06"E	48.25'
9069	9076	N20°06'16"E	74.24'
9076	9077	S52°42'48"E	80.87'
9077	9078	S01°59'02"W	40.07'
9078	9347	S24°48'24"W	78.91'
9347	9348	S50°26'03"E	94.12'
9348	9349	S57°57'36"E	550.00'
9349	9350	S52°14'58"E	100.50'
9350	9079	S57°57'36"E	300.00'
9079	9351	S71°17'36"E	65.04'
9351	9330	S00°30'46"W	305.02'
9330	9331	N57°57'36"W	272.79'
9331	9332	S32°02'24"W	25.00'
9332	9333	N57°57'36"W	75.00'
9333	9334	N46°39'00"W	76.49'
9334	9335	N57°57'36"W	350.00'
9335	9336	N46°39'00"W	50.99'
9336	9337	N57°57'36"W	50.00'
9337	9338	N67°41'15"W	177.55'
9338	9300	N57°57'36"W	521.84'
9300	9320	N00°18'56"E	169.61'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.52, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 11/03/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 11/06/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

040452-15.DWG REVISED: 11/03/2015

APPRAISAL PLAT DATE:

FOR FINAL DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.52

PART OF LOTS 1, 2, 3 AND 4 CSM 1634, AND PART OF LOT 2 OF CSM 5329, AND PART OF LOT 2 OF CSM 6450, AND PART OF LOTS 1 AND 5 AND OUTLOTS 1 AND 2 OF HERITAGE PARK, AND PART OF THE NW1/4-NE1/4 AND THE SW1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2028573
Date: 10-30-2014 Time: 09:45 AM
Pages: 1 Fee $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies the document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.52
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.04	2011
	TPP 6430-06-00-4.05	2011
BENNETT CR.	TPP 6430-06-00-4.05	2011
	HERITAGE PARK SUBDIVISION PLAT	2001

EXISTING ACCESS CONTROL: HERITAGE PARK; CSM 1634; PROJECT 1146-01-21

SCHEDULE OF SIGN STRUCTURES

SIGN NUMBER	SIGN OWNER	OASIS NUMBER
213-1	STEINER SERVICES ROBERT R. & DIANE M. STEINER	3968

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
604	581788.950	785842.935
608	582355.762	785982.619
9519	581126.179	786901.944

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

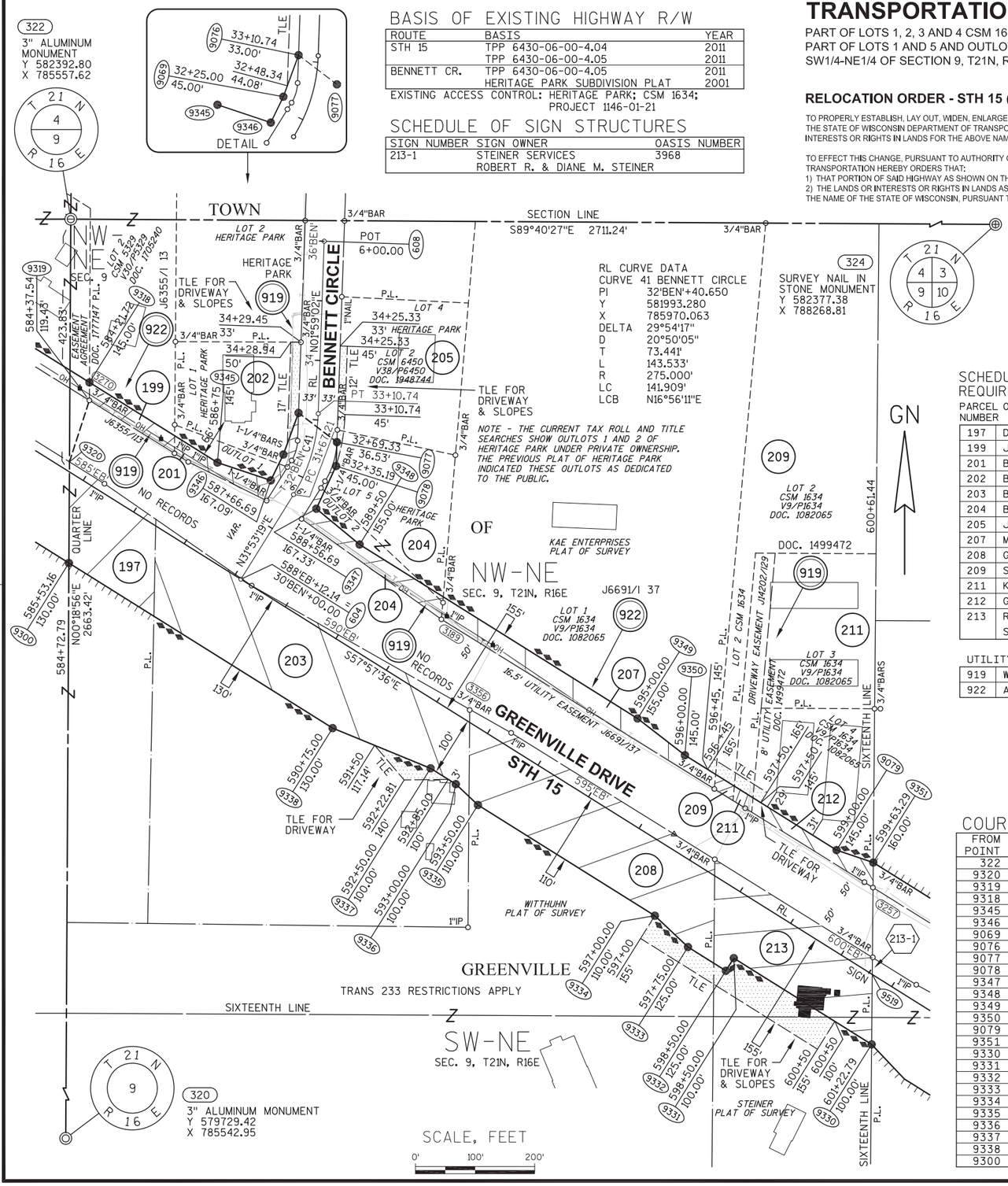
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	ACRES REQUIRED TOTAL	TLE ACRES TEMP.
197	DANNY J. & BRENDA L. VATLAND	FEE, ACCESS RIGHTS	0.557	0	0.557	0
199	JOAN BARTELS, ETAL	FEE	0.098	0	0.098	0
201	BENNETT REVOCABLE TRUST DATED 6/13/07	FEE	0.119	0	0.119	0
202	BRUCE S. & KATHERINE A. BENNETT	FEE, TLE	0.026	0	0.026	0.056
203	BRIAN L. EVERS	FEE, TLE	1.856	0	1.856	0.057
204	BENNETT REVOCABLE TRUST DATED 6/13/07	FEE, TLE	0.187	0	0.187	0.009
205	J & B REALTY INVESTMENTS, LLC	TLE	0	0	0	0.039
207	MARTIN J. & SUZETTE A. NIKODEM	FEE, TLE	0.381	0	0.381	0.005
208	GLBB PROPERTIES, LLC	FEE, TLE	1.501	0	1.501	0.106
209	SEAN M. WOEHRER	FEE, TLE	0.019	0	0.019	0.017
211	KIM M. JOHNSON	FEE, TLE	0.018	0	0.018	0.017
212	GREENVILLE STORAGE, LLC	FEE, TLE	0.129	0	0.129	0.009
213	ROBERT R. & DIANE M. STEINER STEINER SERVICES	FEE, TLE	0.905	0	0.905	0.263

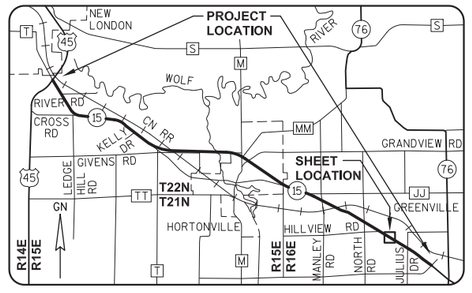
UTILITY INTERESTS REQUIRED:

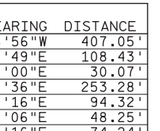
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
322	9320	S00°18'56"W	407.05'
9320	9319	N17°55'49"E	108.43'
9319	9318	N00°18'00"E	30.07'
9318	9345	S57°57'36"E	253.28'
9345	9346	S71°30'16"E	94.32'
9346	9069	N25°52'06"E	48.25'
9069	9076	N20°06'16"E	74.24'
9076	9077	S52°42'48"E	80.87'
9077	9078	S01°59'02"W	40.07'
9078	9347	S24°48'24"W	78.91'
9347	9348	S50°26'03"E	94.12'
9348	9349	S57°57'36"E	550.00'
9349	9350	S52°14'58"E	100.50'
9350	9079	S57°57'36"E	300.00'
9079	9351	S71°17'36"E	65.04'
9351	9330	S00°30'46"W	305.02'
9330	9331	N57°57'36"W	272.79'
9331	9332	S32°02'24"W	25.00'
9332	9333	N57°57'36"W	75.00'
9333	9334	N46°39'00"W	76.49'
9334	9335	N57°57'36"W	350.00'
9335	9336	N46°39'00"W	50.99'
9336	9337	N57°57'36"W	50.00'
9337	9338	N67°41'15"W	177.55'
9338	9300	N57°57'36"W	521.84'
9300	9320	N00°18'56"E	169.61'







GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.52, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 10/08/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

040452-15.DWG REVISED: 10/08/2014

APPRAISAL PLAT DATE:

PRELIMINARY AND DESIGN ADJUSTMENTS MAY OCCUR

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.53
AMENDMENT NO. 2

AMENDS PARCEL 214 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22-4.53, RECORDED AS DOCUMENT #2028674. PART OF THE NE1/4-NE1/4 AND THE SE1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED PROJECT.

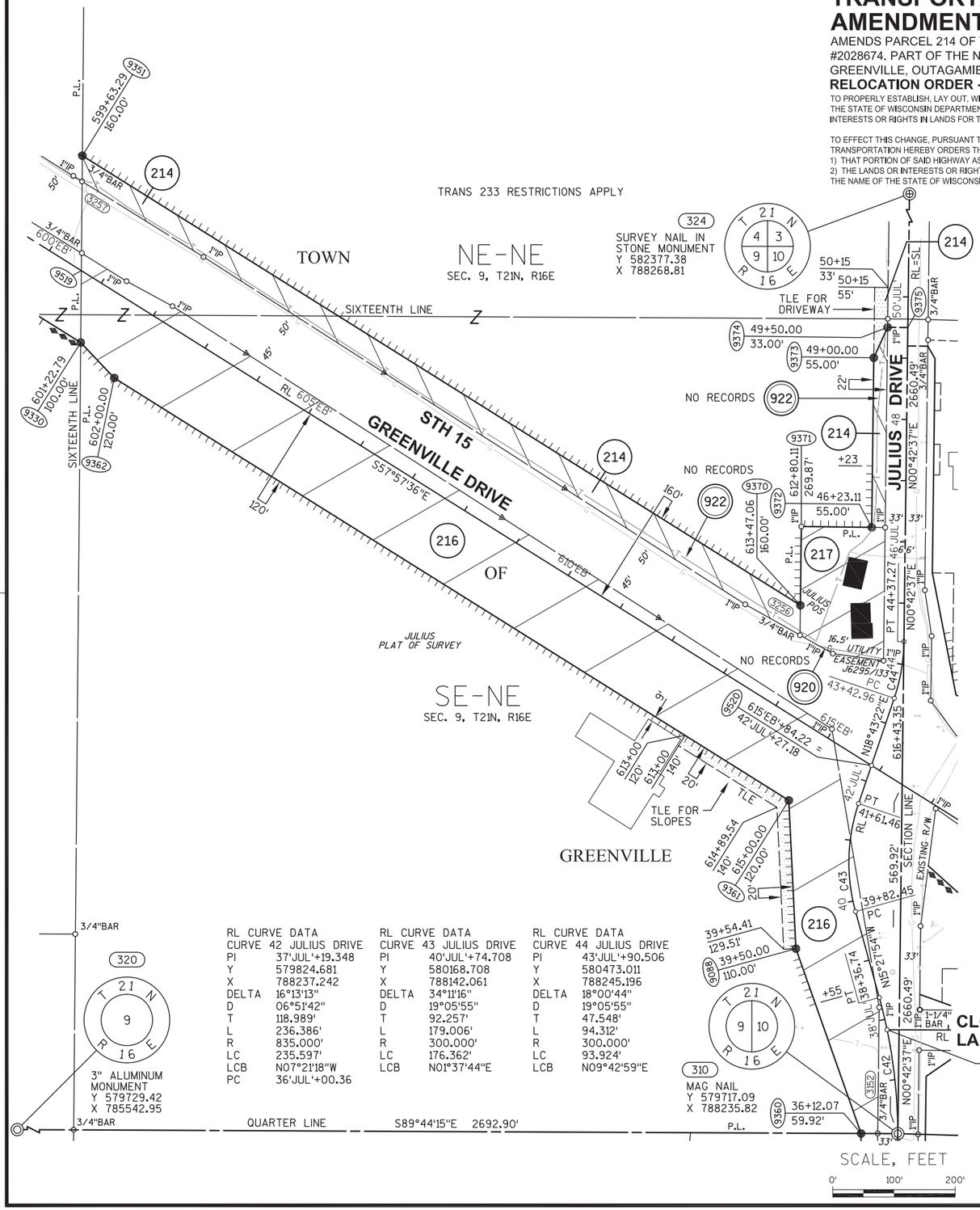
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1) THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document # 2072016
Date: 05-11-2016 Time: 08:13 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically received and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.53
AMENDMENT NO: 2

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
214	IMMEL GROUP, LLC	FEE, ACCESS RIGHTS, TLE	1.427	0	1.427	0.046
216	CHRISTUS LUTHERAN CHURCH OF APPLETON	FEE, ACCESS RIGHTS, TLE	5.870	0	5.870	0.198
217	TRAVIS L. UHLENBRAUCK	FEE	0.660	0	0.660	0

UTILITY INTERESTS REQUIRED:

920	WE ENERGIES - GAS	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.03	2011
	TPP 6430-06-00-4.04	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES

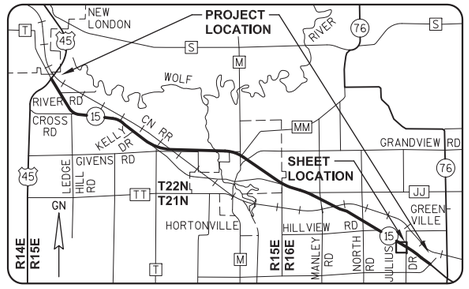
EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9375	581033.247	788252.142
9519	581126.179	786901.944
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9360	N89°44'15"W	60.00'
9360	9088	N19°26'24"W	320.07'
9088	9361	N02°44'20"W	242.38'
9361	9362	N57°57'36"W	1300.00'
9362	9330	N43°26'17"W	79.76'
9330	9351	N00°30'46"E	305.02'
9351	9370	S57°57'36"E	1383.77'
9370	9371	N00°40'56"E	128.66'
9371	9372	S89°19'18"E	114.95'
9372	9373	N00°42'37"E	276.89'
9373	9374	N24°27'35"E	54.63'
9374	9375	S89°17'23"E	33.00'
9375	310	S00°42'37"W	1316.26'



RL CURVE DATA
CURVE 42 JULIUS DRIVE
PI 37'JUL'+19.348
Y 579824.681
X 788237.242
DELTA 16°13'13"
D 06°51'42"
T 118.989'
L 236.386'
R 835.000'
LC 235.597'
LCB N07°21'18"W
PC 36'JUL'+00.36

RL CURVE DATA
CURVE 43 JULIUS DRIVE
PI 40'JUL'+74.708
Y 580168.708
X 788142.061
DELTA 34°11'16"
D 19°05'55"
T 92.257'
L 179.006'
R 300.000'
LC 176.362'
LCB N01°37'44"E

RL CURVE DATA
CURVE 44 JULIUS DRIVE
PI 43'JUL'+90.506
Y 580473.011
X 788245.196
DELTA 18°00'44"
D 19°05'55"
T 47.548'
L 94.312'
R 300.000'
LC 93.924'
LCB N09°42'59"E

37'JUL'+82.57 = 10'CL0'+00.00

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.53, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/02/2016 DAVID L. ROBERTS, P.L.S.
PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 5/08/2016 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CERTIFIED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

REVISED: 05/02/2016

040453_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.53 AMENDMENT NO. 1

AMENDS PARCEL 217 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.53 RECORDED AS DOCUMENT NO. 2028674. PART OF THE NE1/4-NE1/4 AND THE SE1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

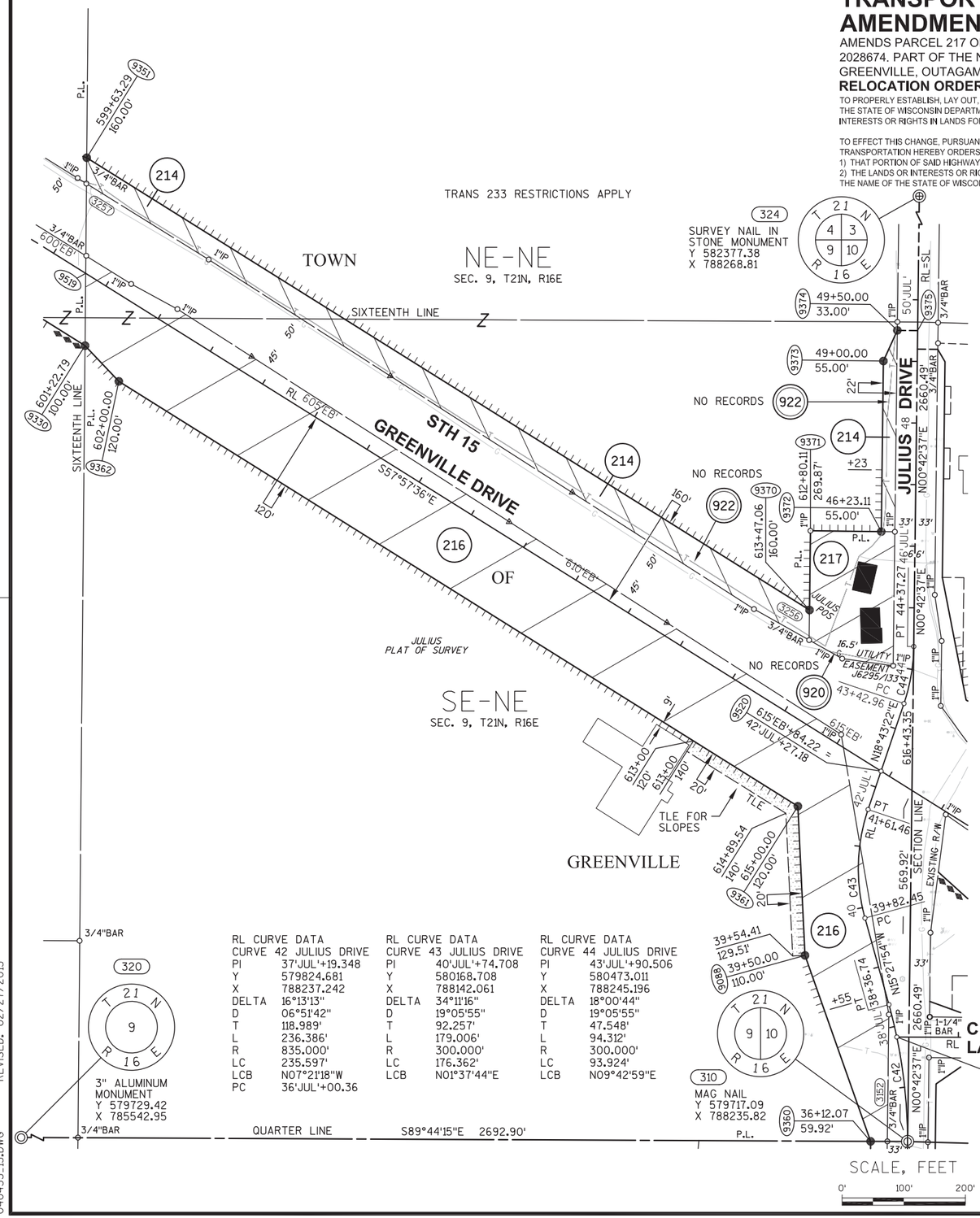
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2037242**
Date: **03-04-2015** Time: **08:16 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.53
AMENDMENT NO: 1



REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
214	IMMEL GROUP, LLC	FEE, ACCESS RIGHTS	1.427	0	1.427	0
216	CHRISTUS LUTHERAN CHURCH OF APPLETON	FEE, ACCESS RIGHTS, TLE	5.870	0	5.870	0.198
217	TRAVIS L. UHLENBRAUCK	FEE	0.660	0	0.660	0

UTILITY INTERESTS REQUIRED:

920	WE ENERGIES - GAS	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.03	2011
	TPP 6430-06-00-4.04	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES

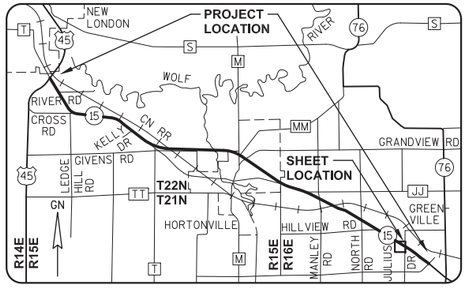
EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9375	581033.247	788252.142
9519	581126.179	786901.944
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9360	N89°44'15"W	60.00'
9360	9088	N19°26'24"W	320.07'
9088	9361	N02°44'20"W	242.38'
9361	9362	N57°57'36"W	1300.00'
9362	9330	N43°26'17"W	79.76'
9330	9351	N00°30'46"E	305.02'
9351	9370	S57°57'36"E	1383.77'
9370	9371	N00°40'56"E	128.66'
9371	9372	S89°19'18"E	114.95'
9372	9373	N00°42'37"E	276.89'
9373	9374	N24°27'35"E	54.63'
9374	9375	S89°17'23"E	33.00'
9375	310	S00°42'37"W	1316.26'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.53, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 2/27/2015 DAVID L. ROBERTS
PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 3/2/2015 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CONSTRUCTION DESIGN ADJUSTMENTS OCTOBER, 2019

040453_15.DWG REVISED: 02/27/2015

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.53

PART OF THE NE1/4-NE1/4 AND THE SE1/4-NE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE COUNTY

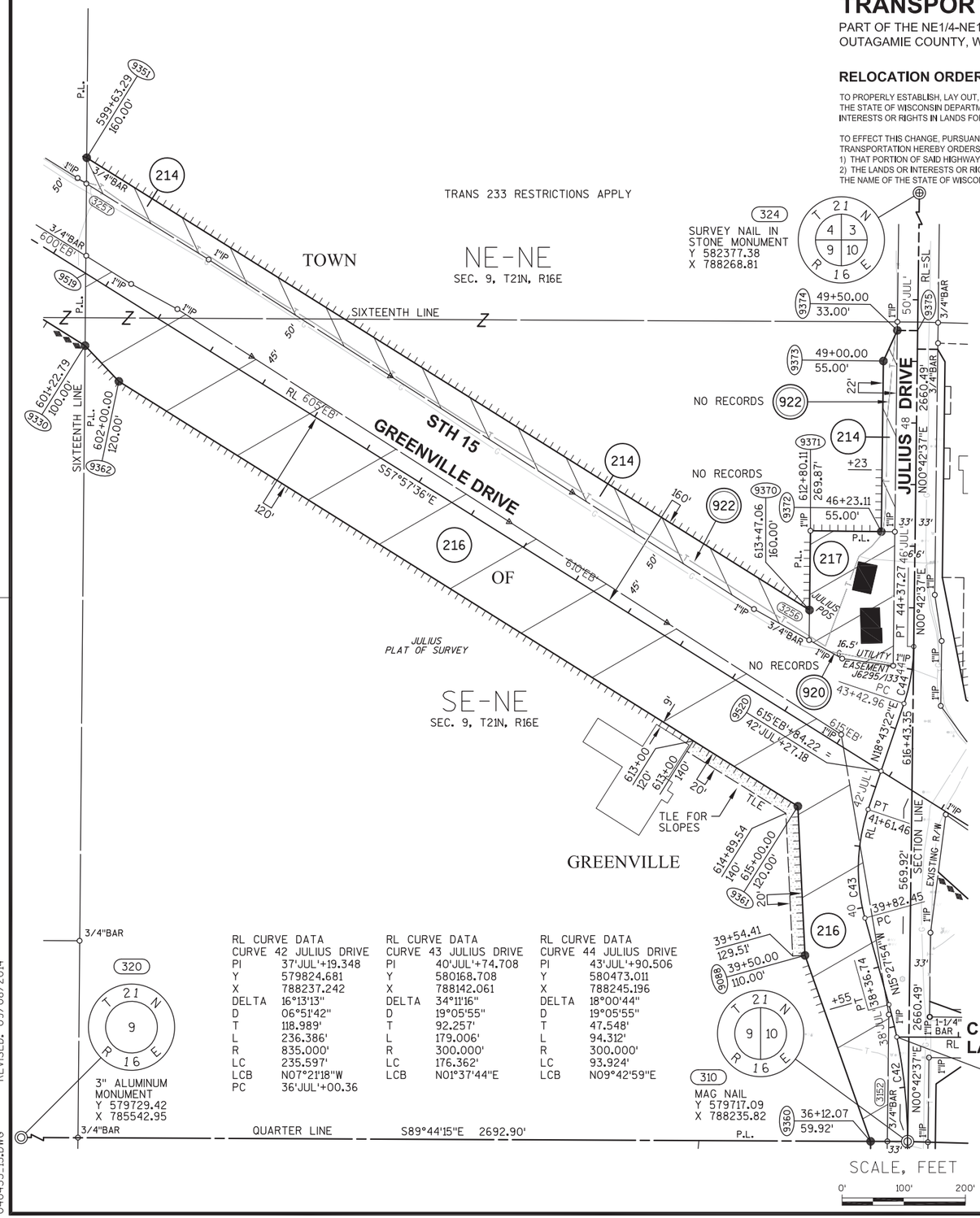
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2028674
Date: 10-30-2014 Time: 09:46 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP - REGISTER OF DEEDS
The above record information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.53
AMENDMENT NO:



RL CURVE DATA

CURVE 42 JULIUS DRIVE	
PI	37'JUL'+19.348
Y	579824.681
X	788237.242
DELTA	16°13'13"
D	06°51'42"
T	118.989'
L	236.386'
R	835.000'
LC	235.597'
LCB	N07°21'18"W
PC	36'JUL'+00.36

RL CURVE DATA

CURVE 43 JULIUS DRIVE	
PI	40'JUL'+74.708
Y	580168.708
X	788142.061
DELTA	34°11'16"
D	19°05'55"
T	92.257'
L	179.006'
R	300.000'
LC	176.362'
LCB	N01°37'44"E

RL CURVE DATA

CURVE 44 JULIUS DRIVE	
PI	43'JUL'+90.506
Y	580473.011
X	788245.196
DELTA	18°00'44"
D	19°05'55"
T	47.548'
L	94.312'
R	300.000'
LC	93.924'
LCB	N09°42'59"E

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
214	IMMEL GROUP, LLC	FEE, ACCESS RIGHTS	1.427	0	1.427	0
216	CHRISTUS LUTHERAN CHURCH OF APPLETON	FEE, ACCESS RIGHTS, TLE	5.870	0	5.870	0.198
217	TRAVIS L. UHLENBRAUCK	FEE	0.642	0	0.642	0

UTILITY INTERESTS REQUIRED:

920	WE ENERGIES - GAS	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.03	2011
	TPP 6430-06-00-4.04	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES

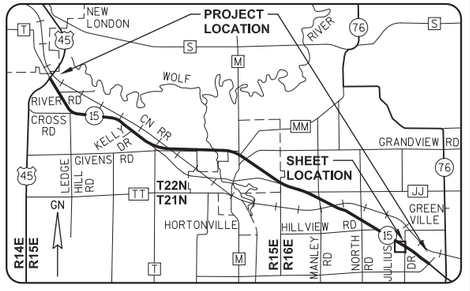
EXISTING ACCESS CONTROL: PROJECT 1146-01-21

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9375	581033.247	788252.142
9519	581126.179	786901.944
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9360	N89°44'15"W	60.00'
9360	9088	N19°26'24"W	320.07'
9088	9361	N02°44'20"W	242.38'
9361	9362	N57°57'36"W	1300.00'
9362	9330	N43°26'17"W	79.76'
9330	9351	N00°30'46"E	305.02'
9351	9370	S57°57'36"E	1383.77'
9370	9371	N00°40'56"E	128.66'
9371	9372	S89°19'18"E	114.95'
9372	9373	N00°42'37"E	276.89'
9373	9374	N24°27'35"E	54.63'
9374	9375	S89°17'23"E	33.00'
9375	310	S00°42'37"W	1316.26'



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.53, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/08/2014 — DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 — CURT VAN EREM, REAL ESTATE SUPERVISOR

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

CONSTRUCTION PLAN DESIGN ROAD ADJUSTMENTS OCTOBER, 2019

040453_15.DWG REVISED: 09/08/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.54 AMENDMENT NO. 1

ADDS UTILITY NO. 917 AND AMENDS UTILITY NO. 922 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.54 RECORDED AS DOCUMENT NO. 2035413, PART OF LOTS 1 AND 2 OF CSM 1860, AND PART OF THE NE1/4-SE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2046217**
Date: **06-16-2015** Time: **10:28 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP , REGISTER OF DEEDS
**** The above recording information verifies this document has been electronically recorded and returned to the submitter ****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.54
AMENDMENT NO: 1

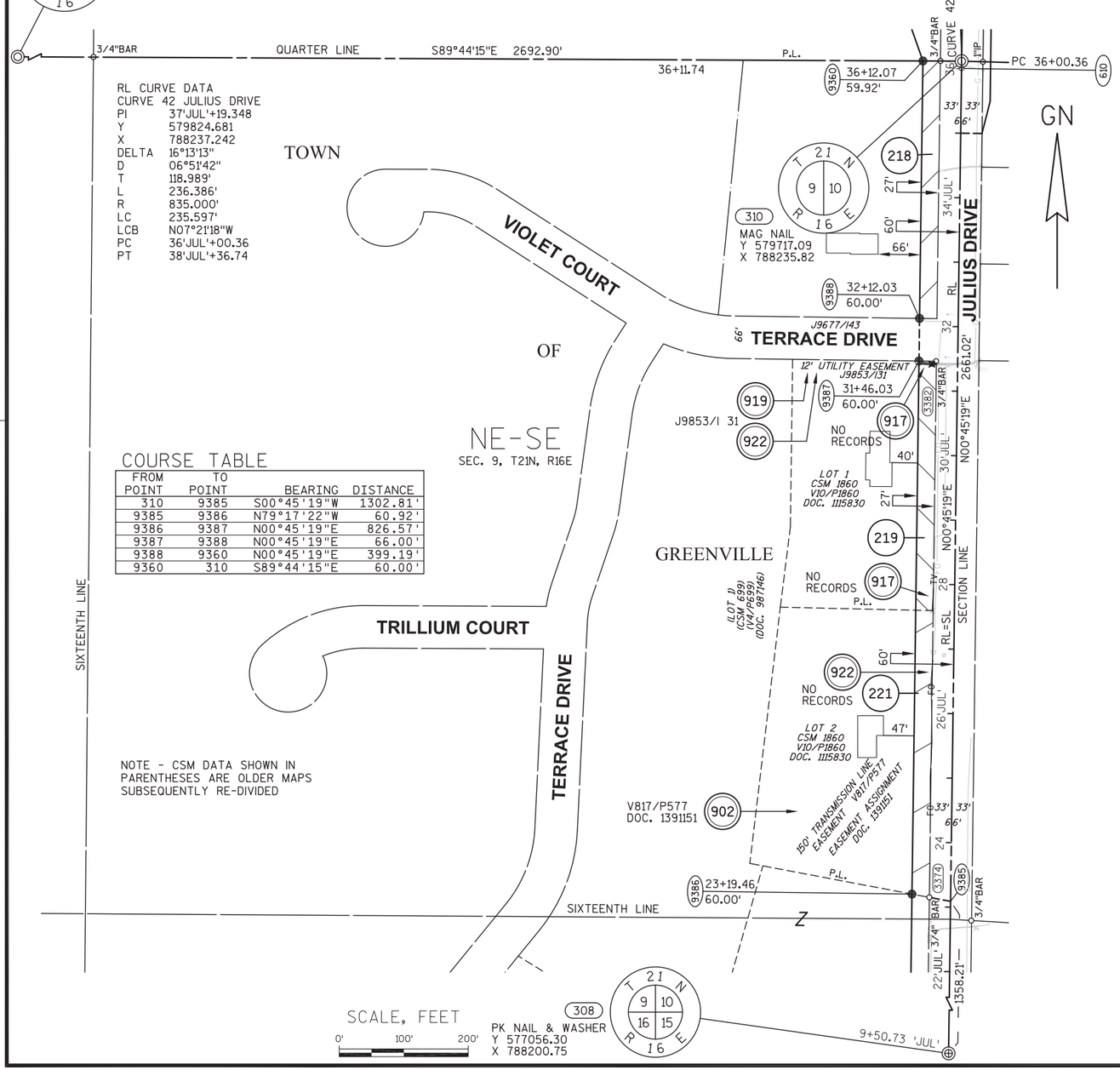
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
218	JOHN F. BALICKI JR & ROSEMARY BALICKI	FEE	0.248	0	0.248	0
219	MICHAEL C. SULLIVAN	FEE	0.240	0	0.240	0
221	JOHN A. RINGLIEN	FEE	0.274	0	0.274	0

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
917	TIME WARNER CABLE	RELEASE OF RIGHTS
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS (JOINT)
922	AT&T WISCONSIN	RELEASE OF RIGHTS (INCLUDES JOINT)



COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9385	S00°45'19"W	1302.81'
9385	9386	N79°17'22"W	60.92'
9386	9387	N00°45'19"E	826.57'
9387	9388	N00°45'19"E	66.00'
9388	9360	N00°45'19"E	399.19'
9360	310	S89°44'15"E	60.00'

NOTE - CSM DATA SHOWN IN PARENTHESES ARE OLDER MAPS SUBSEQUENTLY RE-DIVIDED

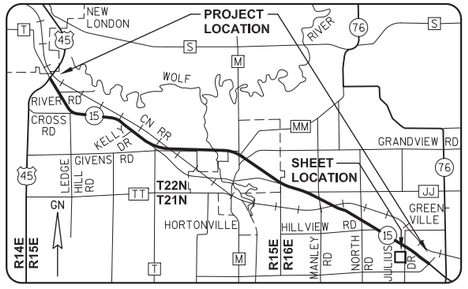
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
JULIUS DR.	ADJOINING CERTIFIED SURVEY MAPS	VARIES
	ADJOINING PLAT OF SURVEYS	VARIES
TERRACE DR.	J9677/I 43	1989

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
610	579705.702	788235.674
9385	578414.386	788218.652



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.54, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 4/29/2015 DAVID L. ROBERTS
PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/11/2015 CURT VAN EREM
REAL ESTATE SUPERVISOR

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR

040454_15.DWG REVISED: 04/29/2015

APPRAISAL PLAT DATE:

GREMMER & ASSOCIATES DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.54

PART OF LOTS 1 AND 2 OF CSM 1860, AND PART OF THE NE1/4-SE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2035413
Date: 02-04-2015 Time: 08:52 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies the document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.54
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW	ACRES REQUIRED EXISTING	TOTAL	TLE ACRES TEMP.
218	JOHN F. BALICKI JR & ROSEMARY BALICKI	FEE	0.248	0	0.248	0
219	MICHAEL C. SULLIVAN	FEE	0.240	0	0.240	0
221	JOHN A. RINGLIEN	FEE	0.274	0	0.274	0

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS (JOINT)
922	AT&T WISCONSIN	RELEASE OF RIGHTS (JOINT)

320
3" ALUMINUM MONUMENT
Y 579729.42
X 785542.95

T 21 N
9
R 16 E

3/4"BAR — QUARTER LINE — S89°44'15"E 2692.90' — P.L. 36+11.74

RL CURVE DATA
CURVE 42 JULIUS DRIVE
PI 37'JUL'+19.348
Y 579824.681
X 788237.242
DELTA 16°13'13"
D 06°51'42"
T 118.989'
L 236.386'
R 835.000'
LC 235.597'
LCB N07°21'18"W
PC 36'JUL'+00.36
PT 38'JUL'+36.74

TOWN OF GREENVILLE

VIOLET COURT

TRILLIUM COURT

TERRACE DRIVE

SIXTEENTH LINE

NE-SE
SEC. 9, T21N, R16E

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9385	S00°45'19"W	1302.81'
9385	9386	N79°17'22"W	60.92'
9386	9387	N00°45'19"E	826.57'
9387	9388	N00°45'19"E	66.00'
9388	9360	N00°45'19"E	399.19'
9360	310	S89°44'15"E	60.00'

NOTE - CSM DATA SHOWN IN PARENTHESES ARE OLDER MAPS SUBSEQUENTLY RE-DIVIDED

3/4"BAR — CURVE 42 — 1"IP — PC 36+00.36 — 610
9360 — 36+12.07 — 59.92'
33' 33' — 66'
218
27'
T 21 N — 9 10 — R 16 E
310
MAG NAIL
Y 579717.09
X 788235.82
60'
66'
34'JUL'
9388 — 32+12.03 — 60.00'
J9677/143
66' TERRACE DRIVE
RL
32'
JULIUS DRIVE
12" UTILITY EASEMENT J9853/131
9387 — 31+46.03 — 60.00'
3382 — 3/4"BAR — 2661.02' — N00°45'19"E
J9853/I 31
919
922
40'
30'JUL'
LOT 1 CSM 1860 V10/P1860 DOC. 1115830
27'
219
28
SECTION LINE
RL=SL
(LOT J (CSM 699) (V4/P699) (DOC. 987146)
P.L.
60'
221
26'JUL'
LOT 2 CSM 1860 V10/P1860 DOC. 1115830
47'
150' TRANSMISSION LINE EASEMENT V817/P577
EASEMENT ASSIGNMENT DOC. 1391151
V817/P577 DOC. 1391151
902
33' 33'
66'
24
9385 — 23+19.46 — 60.00'
3374 — BAR — 3/4" — 9385 — 3/4"BAR
SIXTEENTH LINE
22'JUL' — 1358.21'
9+50.73 'JUL'
Z

SCALE, FEET
0' 100' 200'

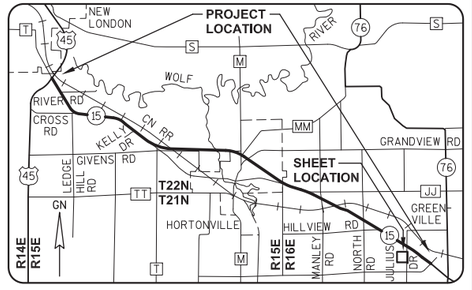
308
PK NAIL & WASHER
Y 577056.30
X 788200.75
T 21 N — 9 10 — 16 15 — R 16 E

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
JULIUS DR.	ADJOINING CERTIFIED SURVEY MAPS	VARIES
	ADJOINING PLAT OF SURVEYS	VARIES
TERRACE DR.	J9677/I 43	1989

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
610	579705.702	788235.674
9385	578414.386	788218.652



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.54, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/08/2014 — DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/2/2015 — CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

040454_15.DWG REVISED: 09/08/2014

APPRAISAL PLAT DATE:

GREEN BAY DESIGN
OCTOBER, 2019
ADJUSTMENTS

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.55

PART OF LOT 1 OF CSM 2064, BEING PART OF THE NE1/4-SE1/4 AND THE SE1/4-SE1/4 OF SECTION 9, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2035414
Date: 02-04-2015 Time: 08:55 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.55
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

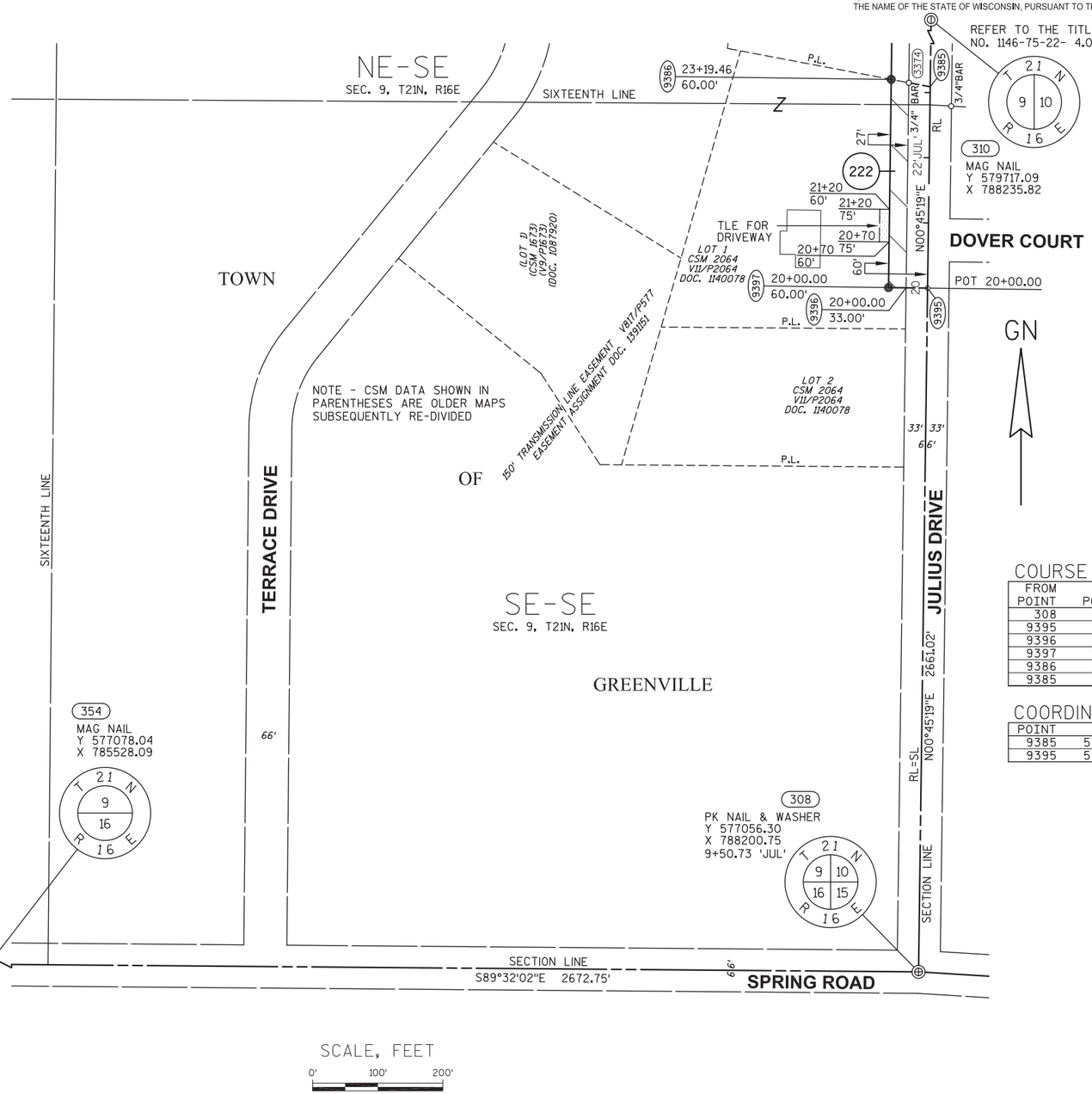
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	TLE ACRES TEMP.
222	GREGORY J. & KAREN L. GITTER	FEE, TLE	0.197	0	0.197	0.017

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
JULIUS DR.	ADJOINING CERTIFIED SURVEY MAPS	VARIES
	ADJOINING PLAT OF SURVEYS	VARIES

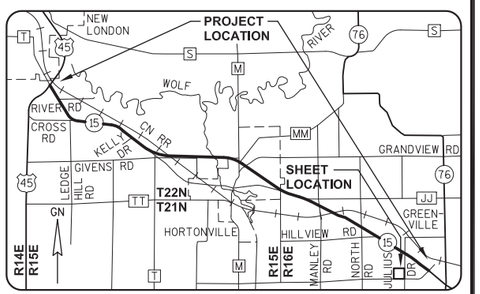


COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
308	9395	N00°45'19"E	1049.27'
9395	9396	N89°14'41"W	33.00'
9396	9397	N89°14'41"W	27.00'
9397	9386	N00°45'19"E	319.46'
9386	9385	S79°17'22"E	60.92'
9385	9395	S00°45'19"W	308.93'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
9385	578414.386	788218.652
9395	578105.482	788214.580



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.55, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 11/25/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/2/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

CORRECTED PER DESIGN ADJUSTMENTS OCTOBER, 2019

REVISED: 11/25/2014

040455_15.DWG

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.56 AMENDMENT NO. 1

AMENDS PARCEL 227 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.56 RECORDED AS DOCUMENT NO. 2028675. PART OF LOT 1 OF CSM 3109, AND PART OF LOT 1 OF CSM 5797, AND PART OF THE SW1/4-NW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED PROJECT.

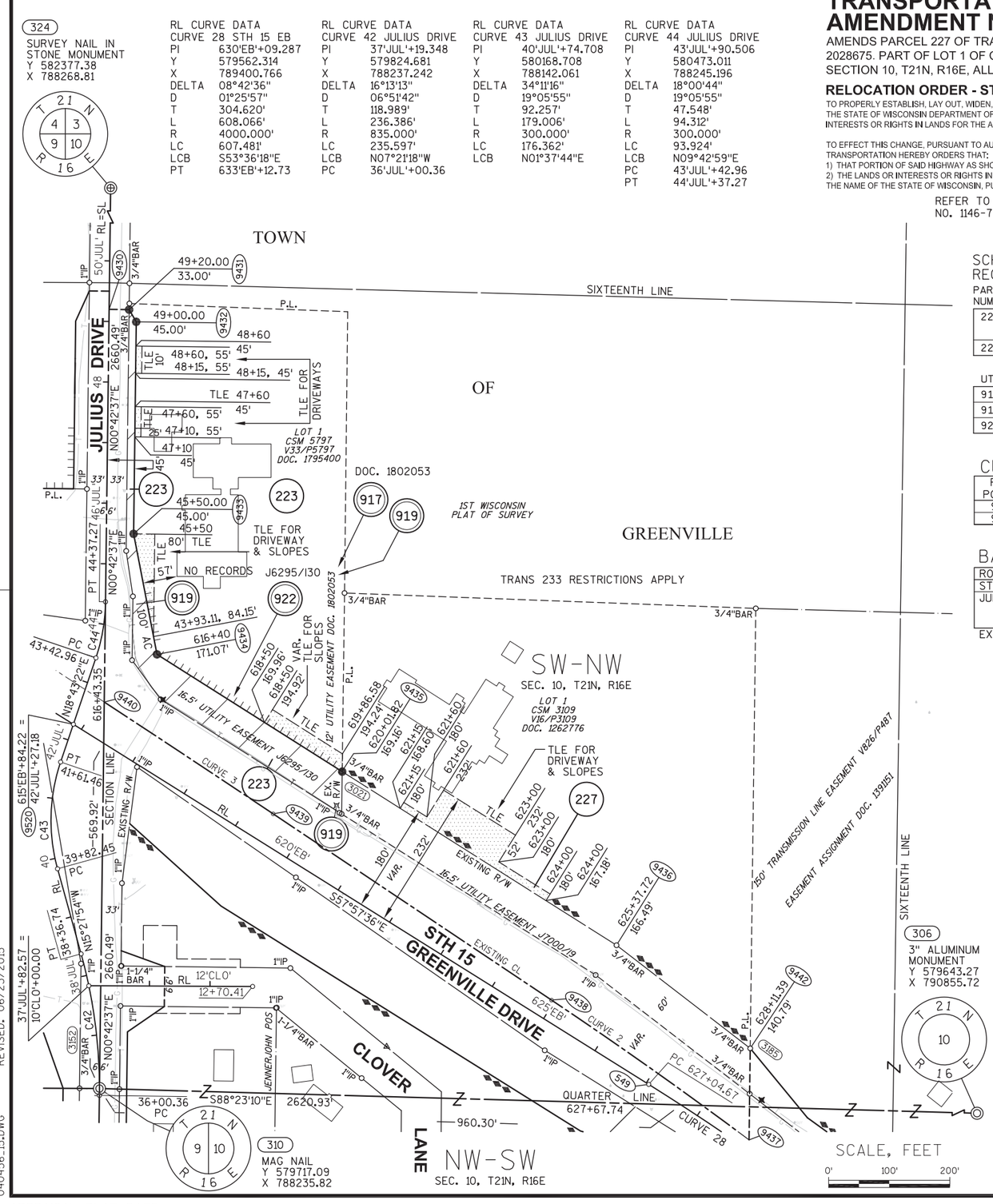
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1) THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

Document #: **2047647**
Date: **06-30-2015** Time: **02:16 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.56
AMENDMENT NO: 1



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
223	FAITH COMMUNITY UNITED METHODIST CHURCH, GREENVILLE	FEE, ACCESS RIGHTS, TLE	0.740	0	0.740	0.151
227	BASMAR, LLC	TLE	0	0	0	0.246

UTILITY INTERESTS REQUIRED:

917	TIME WARNER CABLE	RELEASE OF RIGHTS (JOINT)
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS (INCLUDING JOINT)
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9437	9438	7639.48'	399.45'	N54°43'08"W	399.40'	(CURVE 2)
9439	9440	34377.39'	334.34'	N56°29'43"W	334.33'	(CURVE 3)

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
	ADJOINING PLAT OF SURVEYS	VARIES

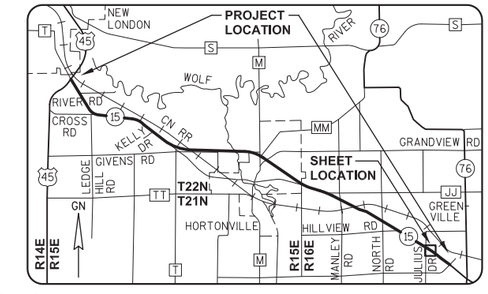
EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 5797

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
549	579723.918	789142.546
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
324	9430	S00°42'37"W	1374.23'
9430	9431	S89°17'23"E	33.00'
9431	9432	S30°15'12"E	23.32'
9432	9433	S00°42'37"W	350.00'
9433	9434	S10°59'08"E	202.69'
9434	9435	S57°39'31"E	361.83'
9435	9436	S57°40'28"E	535.90'
9436	9442	S52°21'54"E	278.75'
9442	9437	S00°43'32"W	151.10'
9438	9439	N56°13'00"W	553.00'
9440	9430	N00°42'37"E	648.24'



WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.56, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 6/23/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/26/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

REVISED: 06/23/2015
040456_15.DWG

APPRAISAL PLAT DATE:

RECEIVED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.56

PART OF LOT 1 OF CSM 3109, AND PART OF LOT 1 OF CSM 5797, AND PART OF THE SW1/4-NW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED PROJECT.

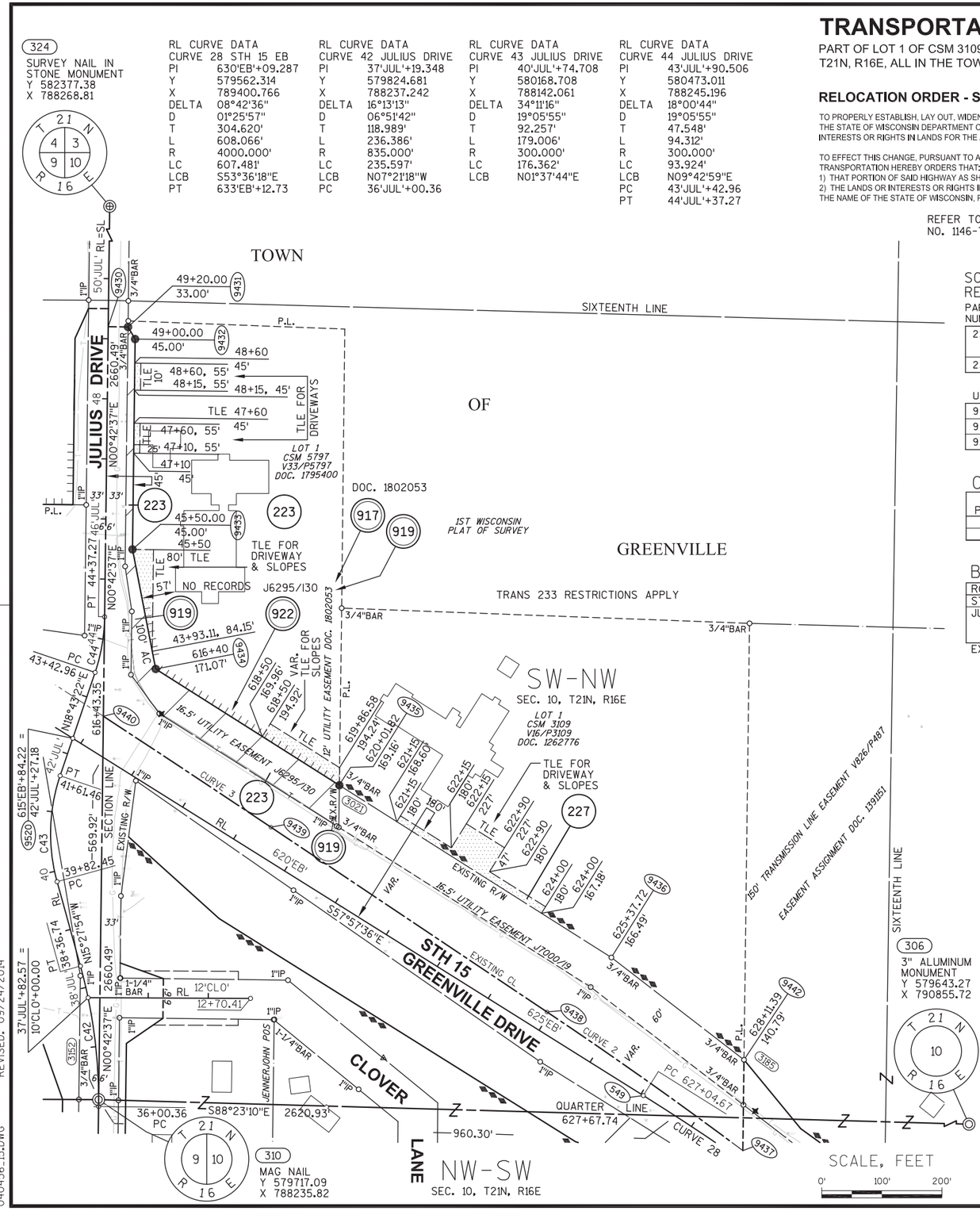
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1) THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

Document #: **2028675**
Date: **10-30-2014** Time: **09:46 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.56
AMENDMENT NO:



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
223	FAITH COMMUNITY UNITED METHODIST CHURCH, GREENVILLE	FEE, ACCESS RIGHTS, TLE	0.740	0	0.740	0.151
227	BASMAR, LLC	TLE	0	0	0	0.160

UTILITY INTERESTS REQUIRED:

917	TIME WARNER CABLE	RELEASE OF RIGHTS (JOINT)
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS (INCLUDING JOINT)
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9437	9438	7639.48'	399.45'	N54°43'08"W	399.40'	(CURVE 2)
9439	9440	34377.39'	334.34'	N56°29'43"W	334.33'	(CURVE 3)

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
	ADJOINING PLAT OF SURVEYS	VARIES

EXISTING ACCESS CONTROL: PROJECT 1146-01-21; CSM 5797

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
549	579723.918	789142.546
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
324	9430	S00°42'37"W	1374.23'
9430	9431	S89°17'23"E	33.00'
9431	9432	S30°15'12"E	23.32'
9432	9433	S00°42'37"W	350.00'
9433	9434	S10°59'08"E	202.69'
9434	9435	S57°39'31"E	361.83'
9435	9436	S57°40'28"E	535.90'
9436	9442	S52°21'54"E	278.75'
9442	9437	S00°43'32"W	151.10'
9438	9439	N56°13'00"W	553.00'
9440	9430	N00°42'37"E	648.24'

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.56, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/24/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

UPDATED FOR DESIGN ADJUSTMENTS OCTOBER, 2019

040456_15.DWG REVISED: 09/24/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.57 AMENDMENT NO. 3

AMENDS PARCEL 229 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.57 AMENDMENT NO. 2, RECORDED AS DOCUMENT #2046218. PART OF THE SW1/4-NW1/4, THE NW1/4-SW1/4 AND THE NE1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: **2067741**
Date: **03-17-2016** Time: **02:00 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded and returned to
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.57
AMENDMENT NO: 3

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
224	TOWN OF GREENVILLE SANITARY DISTRICT NO. 1	FEE, TLE	2.080	0	2.080	0.113
226	ROBERT J. & SHARON A. BAUER	FEE, TLE	0.091	0	0.091	0.033
229	JOHN B. & DAWN M. HAYES	FEE, TLE	0.179	0	0.179	0.062
231	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, TLE	0.339	0	0.339	0.083
232	JOSEPH M. JOHNSON	FEE, TLE	0.119	0	0.119	0.027
233	PAUL H. & KATHLEEN M. JENNERJAHN	FEE, TLE	0.070	0	0.070	0.058

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9440	9439	34377.39'	334.34'	S56°29'43"E	334.33'	(CURVE 3)
9438	9437	7639.48'	399.45'	S54°43'08"E	399.40'	(CURVE 2)
9401	9402	3935.00'	382.69'	N53°05'32"W	382.54'	

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
620	579886.720	788218.256
621	579885.530	788488.667
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9440	N00°42'37"E	638.02'
9439	9438	S56°13'00"E	553.00'
9437	9442	N00°43'32"E	151.10'
9442	9443	S39°29'47"E	148.49'
9443	9444	S52°21'31"E	298.65'
9444	9445	S40°24'38"W	38.60'
9445	9446	S46°09'59"W	105.43'
9446	9401	S15°07'13"W	23.80'
9402	9403	N74°09'29"W	205.78'
9403	9404	N57°57'36"W	700.00'
9404	9405	N47°56'49"W	203.09'
9405	9406	S07°21'13"W	99.12'
9406	9407	S00°42'37"W	111.53'
9407	9408	S70°07'01"E	76.57'
9408	9409	S00°42'17"W	66.00'
9409	9410	S55°26'09"W	73.81'
9410	9411	S00°45'19"W	155.87'
9411	9412	S14°15'04"W	51.42'
9412	9413	N89°14'41"W	33.00'
9413	310	N00°45'19"E	111.74'

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011
	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
CLOVER LN.	TPP 6430-06-00-4.03	2011
	ADJACENT PLAT OF SURVEY	1967

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 3/03/2016 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 3/17/2016 CURT VAN EREM REAL ESTATE SUPERVISOR

CORRECTED PLAT DESIGN OCTOBER 2019 ADJUSTMENTS

040457_15.DWG REVISED: 03/03/2016

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.57 AMENDMENT NO. 2

AMENDS PARCEL 229 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, RECORDED AS DOCUMENT #2028676. PART OF THE SW1/4-NW1/4, THE NW1/4-SW1/4 AND THE NE1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2046218
Date: 06-16-2015 Time: 10:28 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.57
AMENDMENT NO: 2

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
224	TOWN OF GREENVILLE SANITARY DISTRICT NO. 1	FEE, TLE	2.080	0	2.080	0.113
226	ROBERT J. & SHARON A. BAUER	FEE, TLE	0.091	0	0.091	0.033
229	JOHN B. & DAWN M. HAYES	FEE, ACCESS RIGHTS, TLE	0.179	0	0.179	0.062
231	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, TLE	0.339	0	0.339	0.083
232	JOSEPH M. JOHNSON	FEE, TLE	0.119	0	0.119	0.027
233	PAUL H. & KATHLEEN M. JENNERJAHN	FEE, TLE	0.070	0	0.070	0.058

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9440	9439	34377.39'	334.34'	S56°29'43"E	334.33'	(CURVE 3)
9438	9437	7639.48'	399.45'	S54°43'08"E	399.40'	(CURVE 2)
9401	9402	3935.00'	382.69'	N53°05'32"W	382.54'	

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
620	579886.720	788218.256
621	579885.530	788488.667
9520	580318.327	788192.770

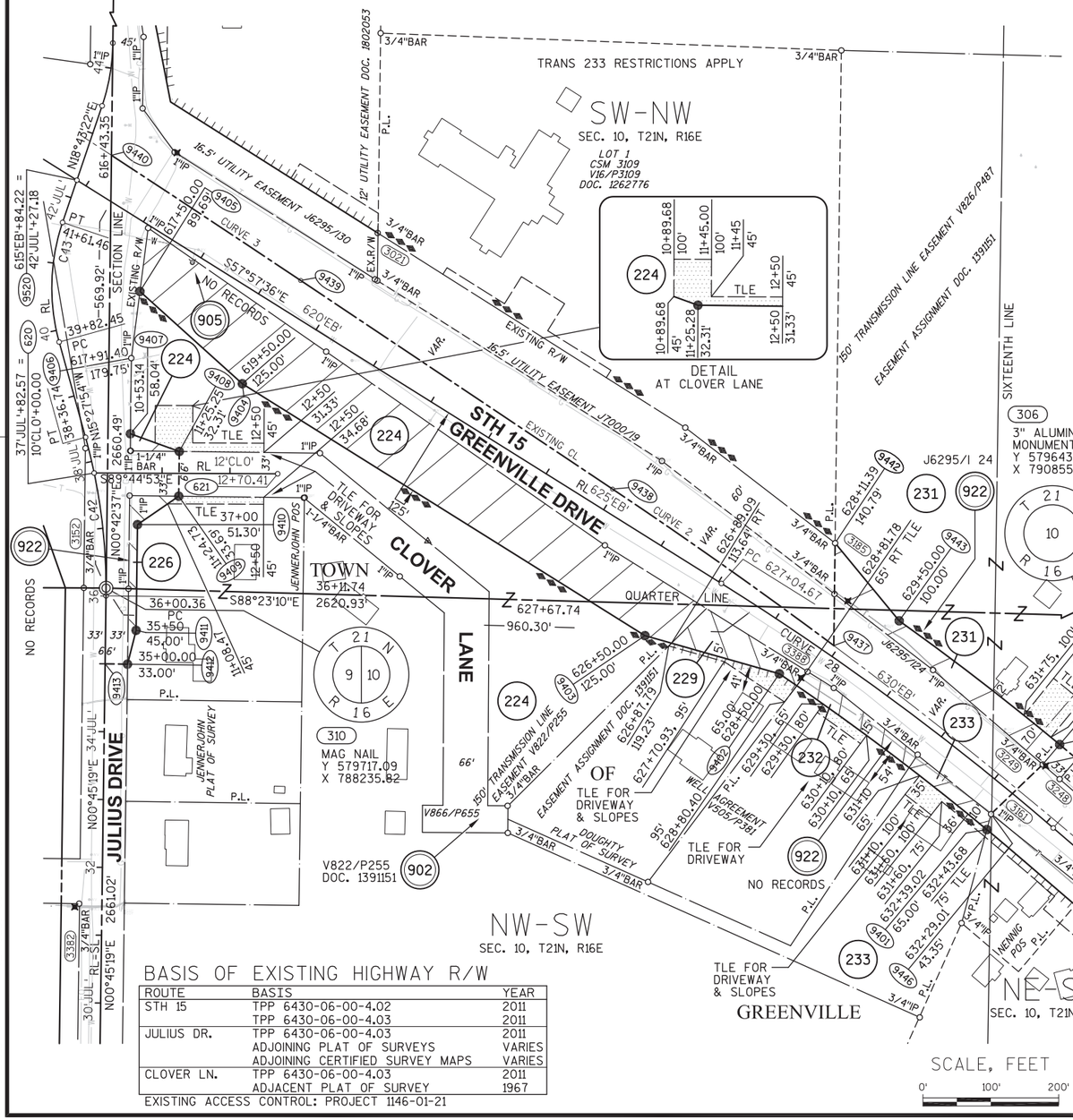
COURSE TABLE

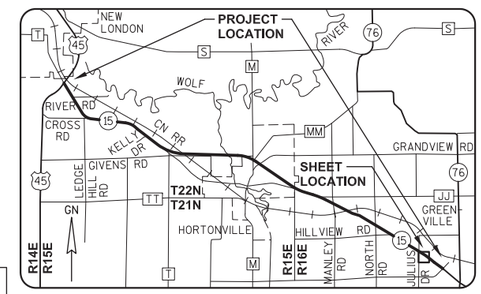
FROM POINT	TO POINT	BEARING	DISTANCE
310	9440	N00°42'37"E	638.02'
9439	9438	S56°13'00"E	553.00'
9437	9442	N00°43'32"E	151.10'
9442	9443	S39°29'47"E	148.49'
9443	9444	S52°21'31"E	298.65'
9444	9445	S40°24'38"W	38.60'
9445	9446	S46°09'59"W	105.43'
9446	9401	S15°07'13"W	23.80'
9402	9403	N74°09'29"W	205.78'
9403	9404	N57°57'36"W	700.00'
9404	9405	N47°56'49"W	203.09'
9405	9406	S07°21'13"W	99.12'
9406	9407	S00°42'37"W	111.53'
9407	9408	S70°07'01"E	76.57'
9408	9409	S00°42'17"W	66.00'
9409	9410	S55°26'09"W	73.81'
9410	9411	S00°45'19"W	155.87'
9411	9412	S14°15'04"W	51.42'
9412	9413	N89°14'41"W	33.00'
9413	310	N00°45'19"E	111.74'

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011
	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
CLOVER LN.	TPP 6430-06-00-4.03	2011
	ADJACENT PLAT OF SURVEY	1967

EXISTING ACCESS CONTROL: PROJECT 1146-01-21





WISCONSIN DAVID L. ROBERTS S-1725 STEVENS POINT WI LAND SURVEYOR

GREMMER & ASSOCIATES, INC. CONSULTING ENGINEERS Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/01/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/11/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

CORRECTED AD DESIGN OCTOBER 2019

040457_15.DWG REVISED: 05/01/2015

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.57 AMENDMENT NO. 1

AMENDS PARCEL 224 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, RECORDED AS DOCUMENT #2028676, PART OF THE SW1/4-NW1/4, THE NW1/4-SW1/4 AND THE NE1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2035597
Date: 02-06-2015 Time: 09:17 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

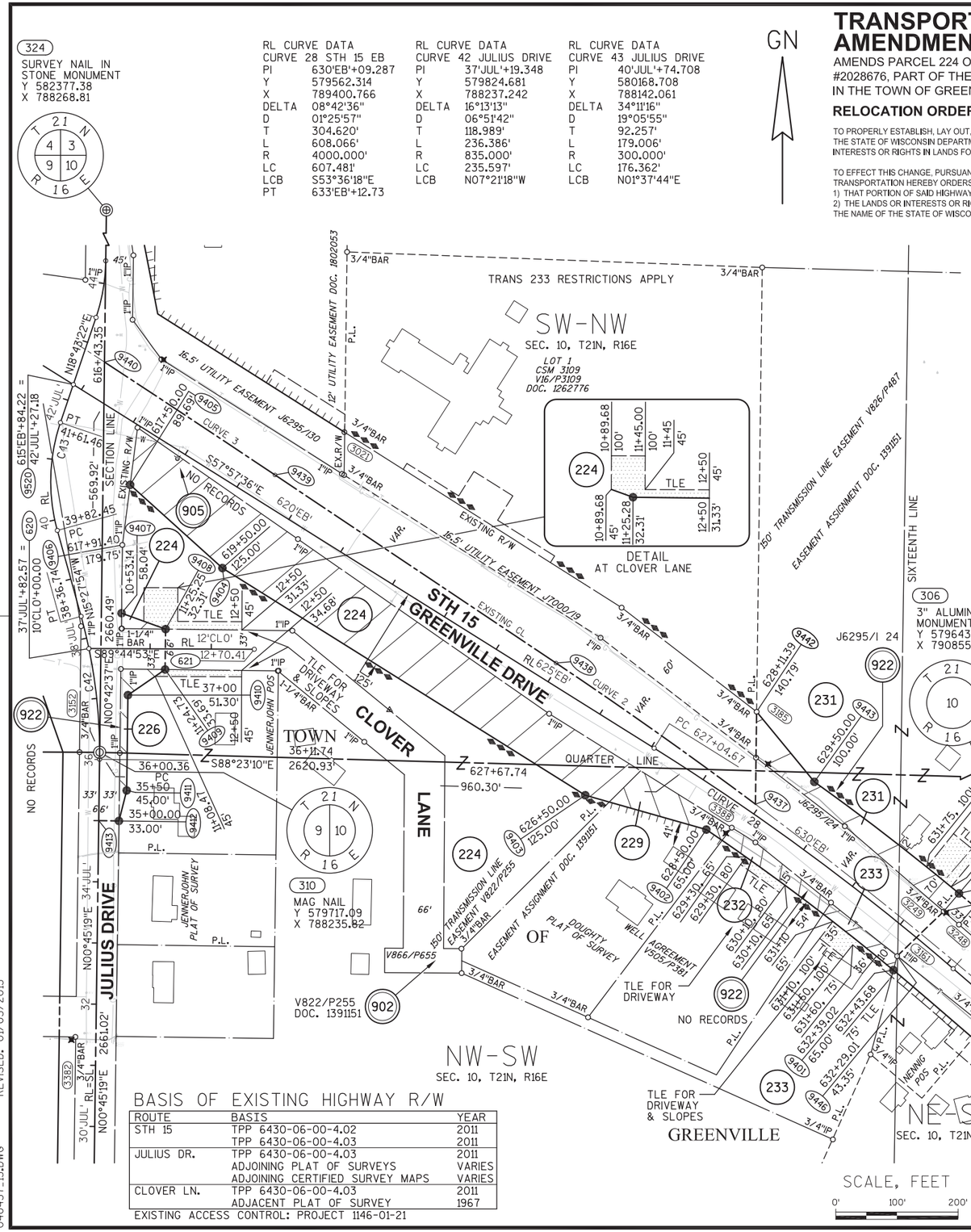
SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.57
AMENDMENT NO: 1

RL CURVE DATA CURVE 28 STH 15 EB	
PI	630'EB'+09.287
Y	579562.314
X	789400.766
DELTA	08°42'36"
D	01°25'57"
T	304.620'
L	608.066'
R	4000.000'
LC	607.481'
LCB	S53°36'18"E
PT	633'EB'+12.73

RL CURVE DATA CURVE 42 JULIUS DRIVE	
PI	37'JUL'+19.348
Y	579824.681
X	788237.242
DELTA	16°13'13"
D	06°51'42"
T	118.989'
L	236.386'
R	835.000'
LC	235.597'
LCB	N07°21'18"W

RL CURVE DATA CURVE 43 JULIUS DRIVE	
PI	40'JUL'+74.708
Y	580168.708
X	788142.061
DELTA	34°11'16"
D	19°05'55"
T	92.257'
L	179.006'
R	300.000'
LC	176.362'
LCB	N01°37'44"E



REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
224	TOWN OF GREENVILLE SANITARY DISTRICT NO. 1	FEE, TLE	2.080	0	2.080	0.113
226	ROBERT J. & SHARON A. BAUER	FEE, TLE	0.091	0	0.091	0.033
229	JOHN B. & DAWN M. HAYES	FEE, ACCESS RIGHTS	0.179	0	0.179	0
231	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, TLE	0.339	0	0.339	0.083
232	JOSEPH M. JOHNSON	FEE, TLE	0.119	0	0.119	0.027
233	PAUL H. & KATHLEEN M. JENNERJAHN	FEE, TLE	0.070	0	0.070	0.058

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

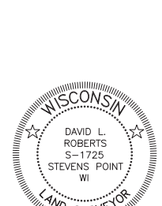
FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9440	9439	34377.39'	334.34'	S56°29'43"E	334.33'	(CURVE 3)
9438	9437	7639.48'	399.45'	S54°43'08"E	399.40'	(CURVE 2)
9401	9402	3935.00'	382.69'	N53°05'32"W	382.54'	

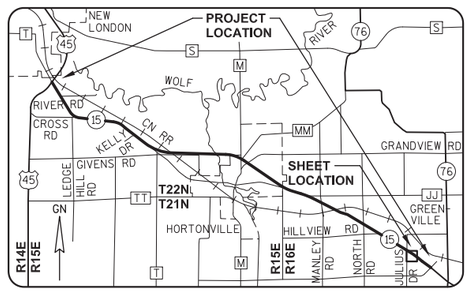
COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
620	579886.720	788218.256
621	579885.530	788488.667
9520	580318.327	788192.770

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9440	N00°42'37"E	638.02'
9439	9438	S56°13'00"E	553.00'
9437	9442	N00°43'32"E	151.10'
9442	9443	S39°29'47"E	148.49'
9443	9444	S52°21'31"E	298.65'
9444	9445	S40°24'38"W	38.60'
9445	9446	S46°09'59"W	105.43'
9446	9401	S15°07'13"W	23.80'
9402	9403	N74°09'29"W	205.78'
9403	9404	N57°57'36"W	700.00'
9404	9405	N47°56'49"W	203.09'
9405	9406	S07°21'13"W	99.12'
9406	9407	S00°42'37"W	111.53'
9407	9408	S70°07'01"E	76.57'
9408	9409	S00°42'17"W	66.00'
9409	9410	S55°26'09"W	73.81'
9410	9411	S00°45'19"W	155.87'
9411	9412	S14°15'04"W	51.42'
9412	9413	N89°14'41"W	33.00'
9413	310	N00°45'19"E	111.74'





GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 01/05/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 2/4/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011
	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
CLOVER LN.	TPP 6430-06-00-4.03	2011
	ADJACENT PLAT OF SURVEY	1967

EXISTING ACCESS CONTROL: PROJECT 1146-01-21

040457_15.DWG REVISED: 01/05/2015

APPRAISAL PLAT DATE:

CORRECTED PER DESIGN ADJUSTMENTS OCTOBER 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.57

PART OF THE SW1/4-NW1/4, THE NW1/4-SW1/4 AND THE NE1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

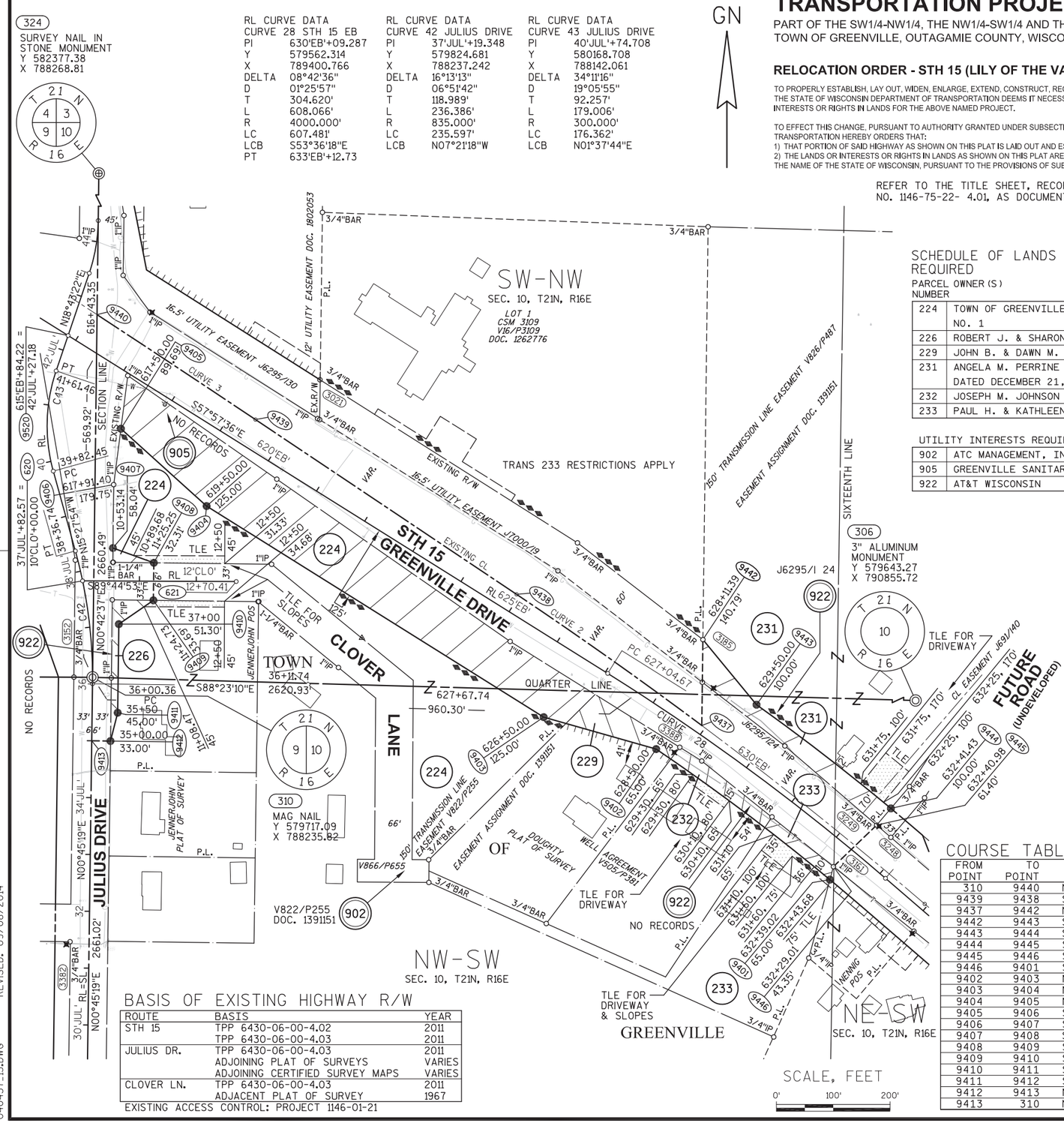
Document #: 2028676
Date: 10-30-2014 Time: 09:46 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.57
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT *2016623 FOR ADDITIONAL INFORMATION.

RL CURVE DATA CURVE 28 STH 15 EB		RL CURVE DATA CURVE 42 JULIUS DRIVE		RL CURVE DATA CURVE 43 JULIUS DRIVE	
PI	630'EB'+09.287	PI	37'JUL'+19.348	PI	40'JUL'+74.708
Y	579562.314	Y	579824.681	Y	580168.708
X	789400.766	X	788237.242	X	788142.061
DELTA	08°42'36"	DELTA	16°13'13"	DELTA	34°11'16"
D	01°25'57"	D	06°51'42"	D	19°05'55"
T	304.620'	T	118.989'	T	92.257'
L	608.066'	L	236.386'	L	179.006'
R	4000.000'	R	835.000'	R	300.000'
LC	607.481'	LC	235.597'	LC	176.362'
LCB	S53°36'18"E	LCB	N07°21'18"W	LCB	N01°37'44"E
PT	633'EB'+12.73				



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
224	TOWN OF GREENVILLE SANITARY DISTRICT NO. 1	FEE, TLE	2.080	0	2.080	0.043
226	ROBERT J. & SHARON A. BAUER	FEE, TLE	0.091	0	0.091	0.033
229	JOHN B. & DAWN M. HAYES	FEE, ACCESS RIGHTS	0.179	0	0.179	0
231	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, TLE	0.339	0	0.339	0.083
232	JOSEPH M. JOHNSON	FEE, TLE	0.119	0	0.119	0.027
233	PAUL H. & KATHLEEN M. JENNERJAHN	FEE, TLE	0.070	0	0.070	0.058

UTILITY INTERESTS REQUIRED:

902	ATC MANAGEMENT, INC.	RELEASE OF RIGHTS
905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

CURVE TABLE

FROM POINT	TO POINT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
9440	9439	34377.39'	334.34'	S56°29'43"E	334.33'	(CURVE 3)
9438	9437	7639.48'	399.45'	S54°43'08"E	399.40'	(CURVE 2)
9401	9402	3935.00'	382.69'	N53°05'32"W	382.54'	

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
620	579886.720	788218.256
621	579885.530	788488.667
9520	580318.327	788192.770

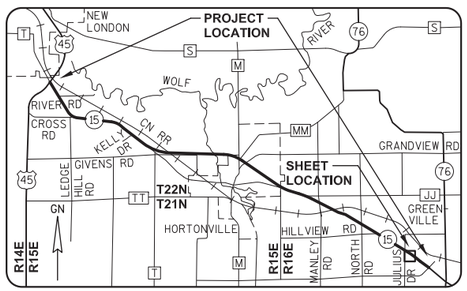
COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
310	9440	N00°42'37"E	638.02'
9439	9438	S56°13'00"E	553.00'
9437	9442	N00°43'32"E	151.10'
9442	9443	S39°29'47"E	148.49'
9443	9444	S52°21'31"E	298.65'
9444	9445	S40°24'38"W	38.60'
9445	9446	S46°09'59"W	105.43'
9446	9401	S15°07'13"W	23.80'
9402	9403	N74°09'29"W	205.78'
9403	9404	N57°57'36"W	700.00'
9404	9405	N47°56'49"W	203.09'
9405	9406	S07°21'13"W	99.12'
9406	9407	S00°42'37"W	111.53'
9407	9408	S70°07'01"E	76.57'
9408	9409	S00°42'17"W	66.00'
9409	9410	S55°26'09"W	73.81'
9410	9411	S00°45'19"W	155.87'
9411	9412	S14°15'04"W	51.42'
9412	9413	N89°14'41"W	33.00'
9413	310	N00°45'19"E	111.74'

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011
	TPP 6430-06-00-4.03	2011
JULIUS DR.	TPP 6430-06-00-4.03	2011
	ADJOINING PLAT OF SURVEYS	VARIES
	ADJOINING CERTIFIED SURVEY MAPS	VARIES
CLOVER LN.	TPP 6430-06-00-4.03	2011
	ADJACENT PLAT OF SURVEY	1967

EXISTING ACCESS CONTROL: PROJECT 1146-01-21



WISCONSIN
DAVID L. ROBERTS
S-1725
STEVENS POINT
WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.57, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/08/2014 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 CURT VAN EREM REAL ESTATE SUPERVISOR

CERTIFIED FOR DESIGN OCTOBER 2019 ADJUSTMENTS

040457_15.DWG REVISED: 09/08/2014

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.58 AMENDMENT NO. 2

AMENDS PARCELS 234, 238, 239 AND 241 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.58, RECORDED AS DOCUMENT NO. 2028677. PART OF LOTS 2 AND 3 OF CSM 574, AND PART OF LOT 1 OF CSM 4769, AND PART OF LOTS 1 AND 2 OF CSM 5217, AND PART OF LOTS 1 AND 2 OF CSM 5720, AND PART OF THE NE1/4-SW1/4 AND THE NW1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

Document #: **2067742**
Date: **03-17-2016** Time: **02:00 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
"This document has been electronically received and returned to:
WiDotNeRegionGreenbay

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.58
AMENDMENT NO: 2

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
234	ANTHONY R. RASMUSSEN & BOBBIE L. ANDERSON-RASMUSSEN	FEE, TLE	0.098	0	0.098	0.057
237	THE BYTOF FAMILY LIMITED PARTNERSHIP	FEE, TLE	0.286	0	0.286	0.160
238	REGINA S. THIBERT	FEE, TLE	0.109	0	0.109	0.073
239	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, TLE	0.078	0	0.078	0.091
240	JEFFREY L. HESSE	FEE, TLE	0.037	0	0.037	0.020
241	FREDERICK E. & CATHY A. KOBER	FEE, TLE	0.432	0	0.432	0.057
242	LN REAL ESTATE, LLC	FEE, TLE	0.753	0	0.753	0.308
243	ROBERT W. PROBST	FEE, TLE	0.066	0	0.066	0.047

UTILITY INTERESTS REQUIRED:

905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
919	WE ENGERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011

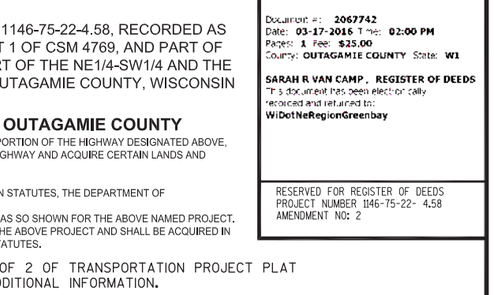
EXISTING ACCESS CONTROL: PROJECTS 1146-01-21, 1146-17-21; CSM 5270

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
300	9461	N01°09'35"E	1330.86'
9461	9452	N46°56'20"W	396.84'
9452	9453	N49°15'00"W	1251.37'
9453	9401	N49°46'41"W	72.52'
9401	9446	N15°07'13"E	23.80'
9446	9445	N46°09'59"E	105.43'
9445	9444	N40°24'38"E	38.60'
9444	9455	S50°02'26"E	33.04'
9455	9456	S49°31'48"E	40.05'
9456	9457	S21°01'45"E	42.29'
9457	9458	S49°15'00"E	200.00'
9458	9459	S56°50'41"E	151.33'
9459	9525	S49°15'00"E	400.00'
9525	9526	S40°45'00"W	15.00'
9526	9527	S49°15'00"E	30.00'
9527	9528	N40°45'00"E	15.00'
9528	9460	S49°15'00"E	680.92'
9460	9461	S01°09'35"W	234.88'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
551	579363.470	789631.536
552	578326.230	790835.315



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.58, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 3/11/2016 — DAVID L. ROBERTS, PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 3/17/2016 — CURT VAN' EREM, REAL ESTATE SUPERVISOR

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

PRELIMINARY DESIGN ADJUSTMENTS OCTOBER 2019

040458.15.DWG REVISED: 03/11/2016

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.58 AMENDMENT NO. 1

AMENDS PARCEL 242 OF TRANSPORTATION PROJECT PLAT 1146-75-22-4.58 RECORDED AS DOCUMENT NO. 2028677. PART OF LOTS 2 AND 3 OF CSM 574, AND PART OF LOT 1 OF CSM 4769, AND PART OF LOTS 1 AND 2 OF CSM 5217, AND PART OF LOTS 1 AND 2 OF CSM 5720, AND PART OF THE NE1/4-SW1/4 AND THE NW1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED PROJECT.

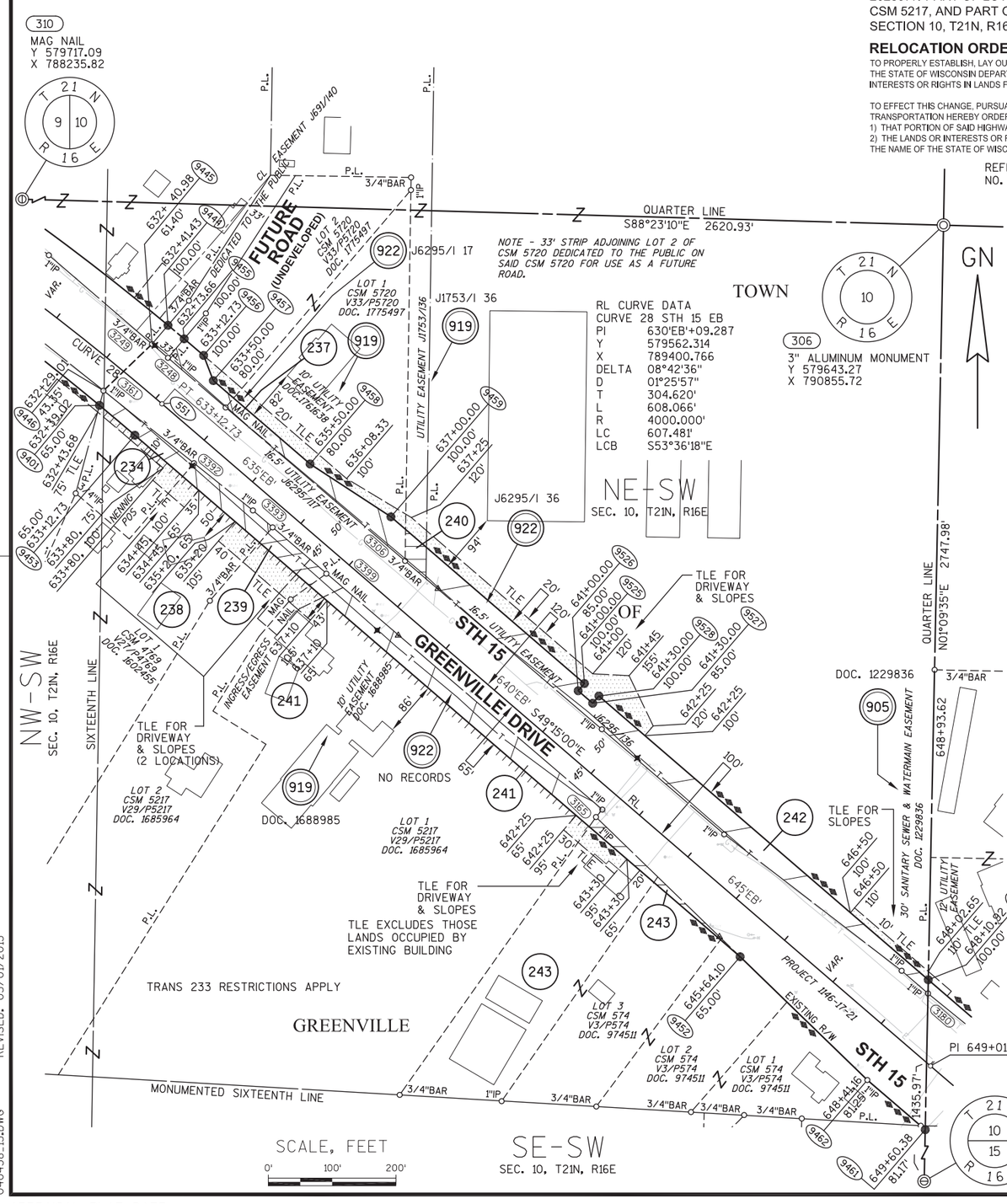
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1) THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2046219
Date: 06-16-2015 Time: 10:28 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.58
AMENDMENT NO: 1

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
234	ANTHONY R. RASMUSSEN & BOBBIE L. ANDERSON-RASMUSSEN	FEE, ACCESS RIGHTS, TLE	0.098	0	0.098	0.057
237	THE BYTOF FAMILY LIMITED PARTNERSHIP	FEE, TLE	0.286	0	0.286	0.160
238	REGINA S. THIBERT	FEE, ACCESS RIGHTS, TLE	0.109	0	0.109	0.073
239	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, ACCESS RIGHTS, TLE	0.078	0	0.078	0.091
240	JEFFREY L. HESSE	FEE, TLE	0.037	0	0.037	0.020
241	FREDERICK E. & CATHY A. KOBER	FEE, ACCESS RIGHTS, TLE	0.432	0	0.432	0.057
242	LN REAL ESTATE, LLC	FEE, TLE	0.753	0	0.753	0.308
243	ROBERT W. PROBST	FEE, TLE	0.066	0	0.066	0.047

UTILITY INTERESTS REQUIRED:

905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
919	WE ENGERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011

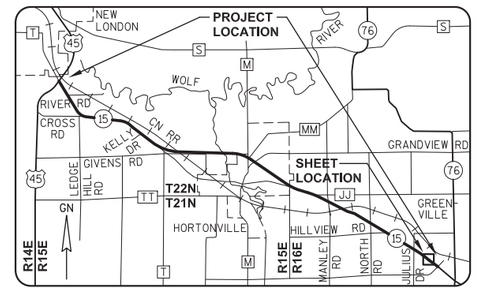
EXISTING ACCESS CONTROL: PROJECT 1146-17-21; CSM 5270

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
300	9461	N01°09'35"E	1330.86'
9461	9452	N46°56'20"W	396.84'
9452	9453	N49°15'00"W	1251.37'
9453	9401	N49°46'41"W	72.52'
9401	9446	N15°07'13"E	23.80'
9446	9445	N46°09'59"E	105.43'
9445	9444	N40°24'38"E	38.60'
9444	9455	S50°02'26"E	33.04'
9455	9456	S49°31'48"E	40.05'
9456	9457	S21°01'45"E	42.29'
9457	9458	S49°15'00"E	200.00'
9458	9459	S56°50'41"E	151.33'
9459	9525	S49°15'00"E	400.00'
9525	9526	S40°45'00"W	15.00'
9526	9527	S49°15'00"E	30.00'
9527	9528	N40°45'00"E	15.00'
9528	9460	S49°15'00"E	680.92'
9460	9461	S01°09'35"W	234.88'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
551	579363.470	789631.536
552	578326.230	790835.315



WISCONSIN
DAVID L. ROBERTS S-1725 STEVENS POINT WI
LAND SURVEYOR

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.58, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 5/01/2015 DAVID L. ROBERTS PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 6/11/2015 CURT VAN EREM REAL ESTATE SUPERVISOR

DESIGN ADJUSTMENTS OCTOBER 2019

040458.15.DWG REVISED: 05/01/2015

APPRAISAL PLAT DATE:

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.58

PART OF LOTS 2 AND 3 OF CSM 574, AND PART OF LOT 1 OF CSM 4769, AND PART OF LOTS 1 AND 2 OF CSM 5217, AND PART OF LOTS 1 AND 2 OF CSM 5720, AND PART OF THE NE1/4-SW1/4, AND THE NW1/4-SW1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

Document #: **2028677**
Date: **10-30-2014** Time: **09:47 AM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
The above recording information verifies this document has been electronically recorded and returned to the submitter

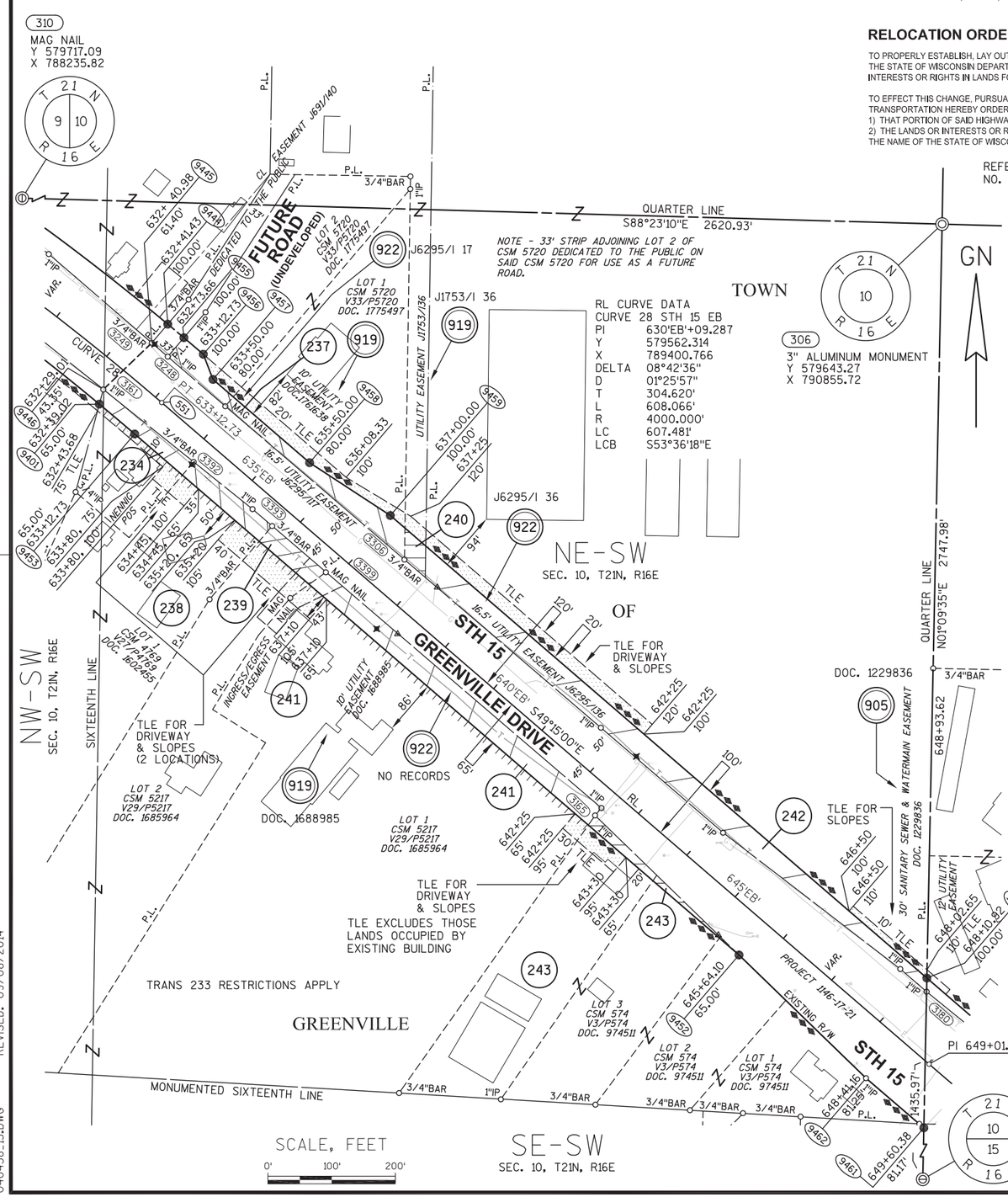
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.58
AMENDMENT NO:

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
234	ANTHONY R. RASMUSSEN & BOBBIE L. ANDERSON-RASMUSSEN	FEE, ACCESS RIGHTS, TLE	0.098	0	0.098	0.057
237	THE BYTOF FAMILY LIMITED PARTNERSHIP	FEE, TLE	0.286	0	0.286	0.160
238	REGINA S. THIBERT	FEE, ACCESS RIGHTS, TLE	0.109	0	0.109	0.073
239	ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012	FEE, ACCESS RIGHTS, TLE	0.078	0	0.078	0.091
240	JEFFREY L. HESSE	FEE, TLE	0.037	0	0.037	0.020
241	FREDERICK E. & CATHY A. KOBER	FEE, ACCESS RIGHTS, TLE	0.432	0	0.432	0.057
242	LN REAL ESTATE, LLC	FEE, TLE	0.763	0	0.763	0.247
243	ROBERT W. PROBST	FEE, TLE	0.066	0	0.066	0.047

UTILITY INTERESTS REQUIRED:

905	GREENVILLE SANITARY DISTRICT NO. 1	RELEASE OF RIGHTS
919	WE ENGERGIES - ELECTRIC	RELEASE OF RIGHTS
922	AT&T WISCONSIN	RELEASE OF RIGHTS

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.02	2011

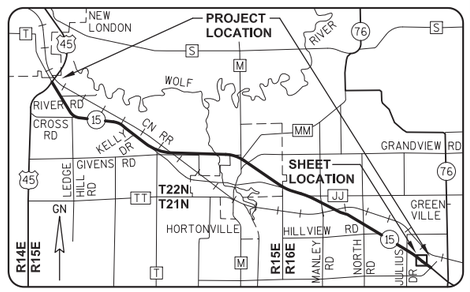
EXISTING ACCESS CONTROL: PROJECT 1146-17-21; CSM 5270

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
300	9461	N01°09'35"E	1330.86'
9461	9452	N46°56'20"W	396.84'
9452	9453	N49°15'00"W	1251.37'
9453	9401	N49°46'41"W	72.52'
9401	9446	N15°07'13"E	23.80'
9446	9445	N46°09'59"E	105.43'
9445	9444	N40°24'38"E	38.60'
9444	9455	S50°02'26"E	33.04'
9455	9456	S49°31'48"E	40.05'
9456	9457	S21°01'45"E	42.29'
9457	9458	S49°15'00"E	200.00'
9458	9459	S56°50'41"E	151.33'
9459	9460	S49°15'00"E	1110.92'
9460	9461	S01°09'35"W	234.88'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
551	579363.470	789631.536
552	578326.230	790835.315



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.58, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/08/2014 — DAVID L. ROBERTS, PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

DATE 10/28/2014 — CURT VAN EREM, REAL ESTATE SUPERVISOR

REVISED: 09/08/2014
040458.15.DWG

APPRAISAL PLAT DATE:

SUBJECT TO FIELD ADJUSTMENTS OCTOBER, 2019

TRANSPORTATION PROJECT PLAT NO: 1146-75-22 - 4.60

PART OF LOT 1 OF CSM 3263, AND PART OF LOTS 55 AND 56 OF 1ST ADDITION TO WILD FLOWER FIELD, BEING PART OF THE NW1/4-SE1/4 AND THE SW1/4-SE1/4 OF SECTION 10, T21N, R16E, ALL IN THE TOWN OF GREENVILLE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - STH 15 (LILY OF THE VALLEY DRIVE - USH 45), OUTAGAMIE 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 NAMED 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 NAMED 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 SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

Document #: 2028678
Date: 10-30-2014 Time: 09:47 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE County State: WI

SARAH R VAN CAMP, REGISTER OF DEEDS
*** The above recording information verifies this document has been electronically recorded and returned to the submitter. ***

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1146-75-22- 4.60
AMENDMENT NO:

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF TRANSPORTATION PROJECT PLAT NO. 1146-75-22- 4.01, AS DOCUMENT #2016623 FOR ADDITIONAL INFORMATION.

BASIS OF EXISTING HIGHWAY R/W

ROUTE	BASIS	YEAR
STH 15	TPP 6430-06-00-4.01	2011
	TPP 6430-06-00-4.02	2011
LILY OF THE VALLEY DR.	BROOK FARMS SUBDIVISION PLAT	2004
	1ST ADDITION TO WILD FLOWER FIELD SUBDIVISION PLAT	1996

EXISTING ACCESS CONTROL: PROJECT 1146-17-21; CSM 5427 & 5608

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES TEMP.
244	SK EVERGREEN PARK, LLC ETAL	FEE, TLE	0.061	0	0.061	0.010
247	D/N DEVELOPMENTS, LLC	FEE	0.047	0	0.047	0
249	MICHAEL A. & KARIE A. CHAPMAN	FEE, TLE	0.070	0	0.070	0.051

UTILITY INTERESTS REQUIRED:

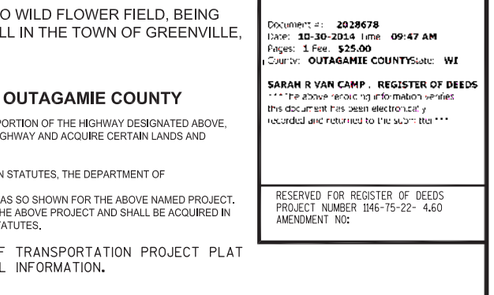
917	TIME WARNER CABLE	RELEASE OF RIGHTS (JOINT)
919	WE ENERGIES - ELECTRIC	RELEASE OF RIGHTS (JOINT)
920	WE ENERGIES - GAS	RELEASE OF RIGHTS (JOINT)
922	AT&T WISCONSIN	RELEASE OF RIGHTS (JOINT)

COURSE TABLE

FROM POINT	TO POINT	BEARING	DISTANCE
300	9461	N01°09'35"E	1330.86'
9461	9460	N01°09'35"E	234.88'
9460	9470	S49°15'00"E	90.68'
9470	9471	S49°24'39"E	335.44'
9471	9472	S76°02'35"E	92.29'
9472	9473	N40°35'23"E	221.53'
9473	9474	S49°16'17"E	39.00'
9474	9475	S40°35'23"W	188.00'
9475	626	S38°57'41"W	210.88'
626	9476	S40°35'53"W	80.36'
9476	9480	N49°24'07"W	40.00'
9480	9481	N22°52'29"W	78.24'
9481	9461	N49°22'01"W	294.42'

COORDINATE TABLE

POINT	Y (NORTH)	X (EAST)
552	578326.230	790835.315
626	577997.603	791163.546
628	578334.636	791444.422
9475	578161.579	791296.148
9521	577589.927	790814.151
9522	578025.607	791186.192



GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

I, DAVID L. ROBERTS, 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 WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1146-75-22-4.60, AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

DATE 9/08/2014 — DAVID L. ROBERTS, PLS S-1725, FOR GREMMER & ASSOCIATES, INC.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

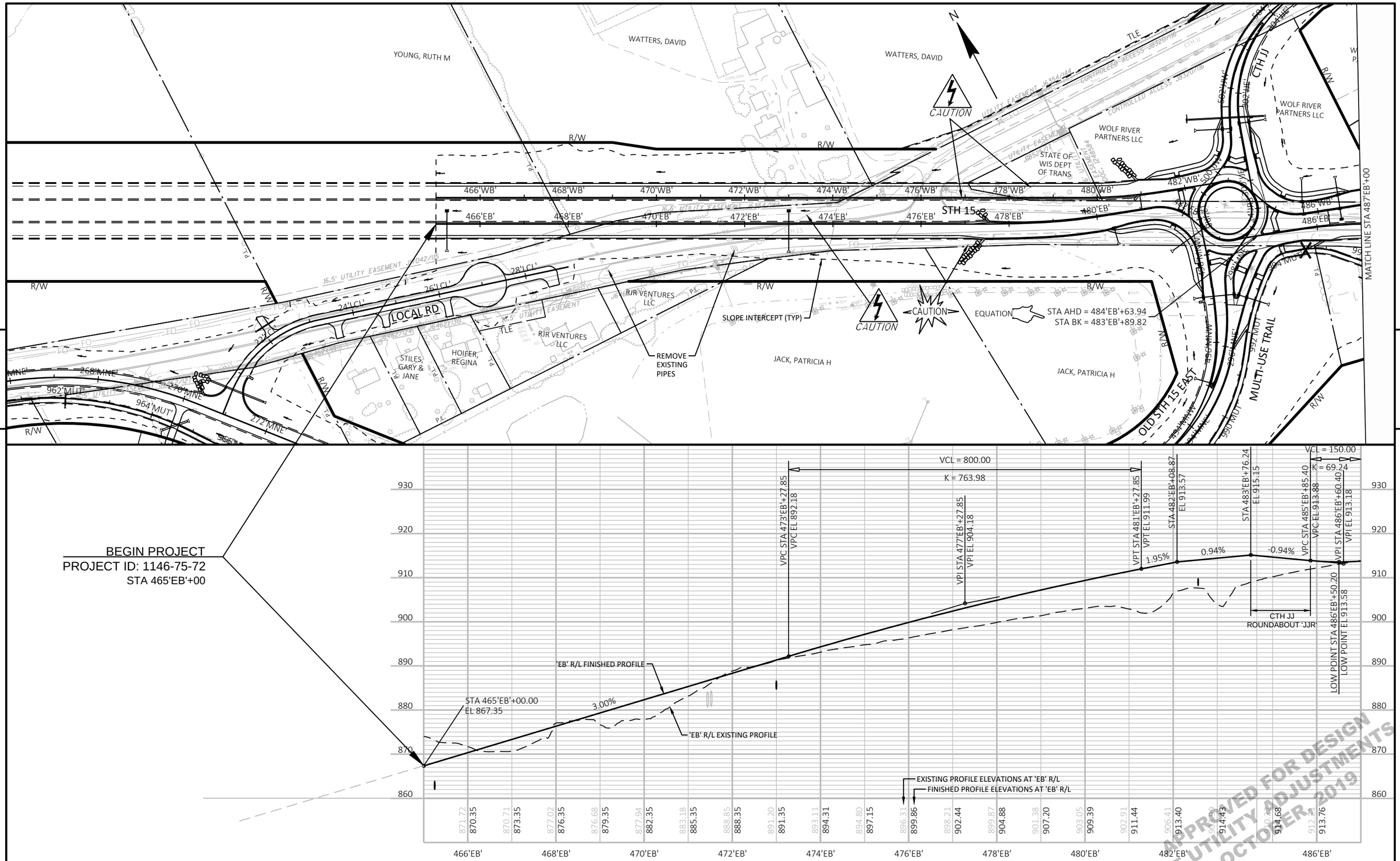
DATE 10/28/2014 — CURT VAN EREM, REAL ESTATE SUPERVISOR

WISCONSIN — DAVID L. ROBERTS S-1725 STEVENS POINT WI — LAND SURVEYOR

APPRAISAL PLAT DATE:

040460_15.DWG REVISED: 09/08/2014

GREMMER & ASSOCIATES, INC. DESIGN ADJUSTMENTS OCTOBER, 2019

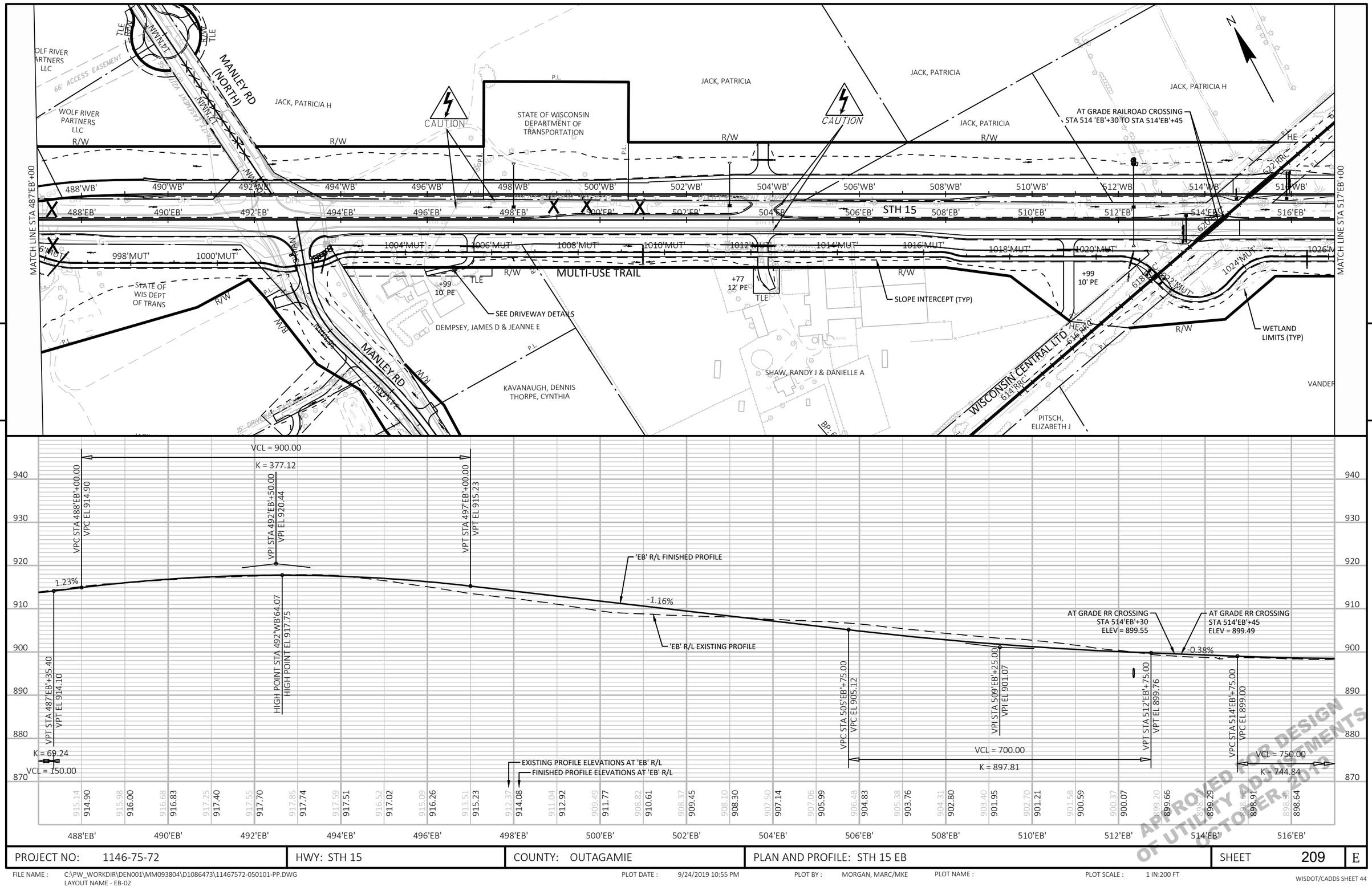


APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 208	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050101-PP.DWG
LAYOUT NAME - EB-01

PLOT DATE : 9/24/2019 10:52 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

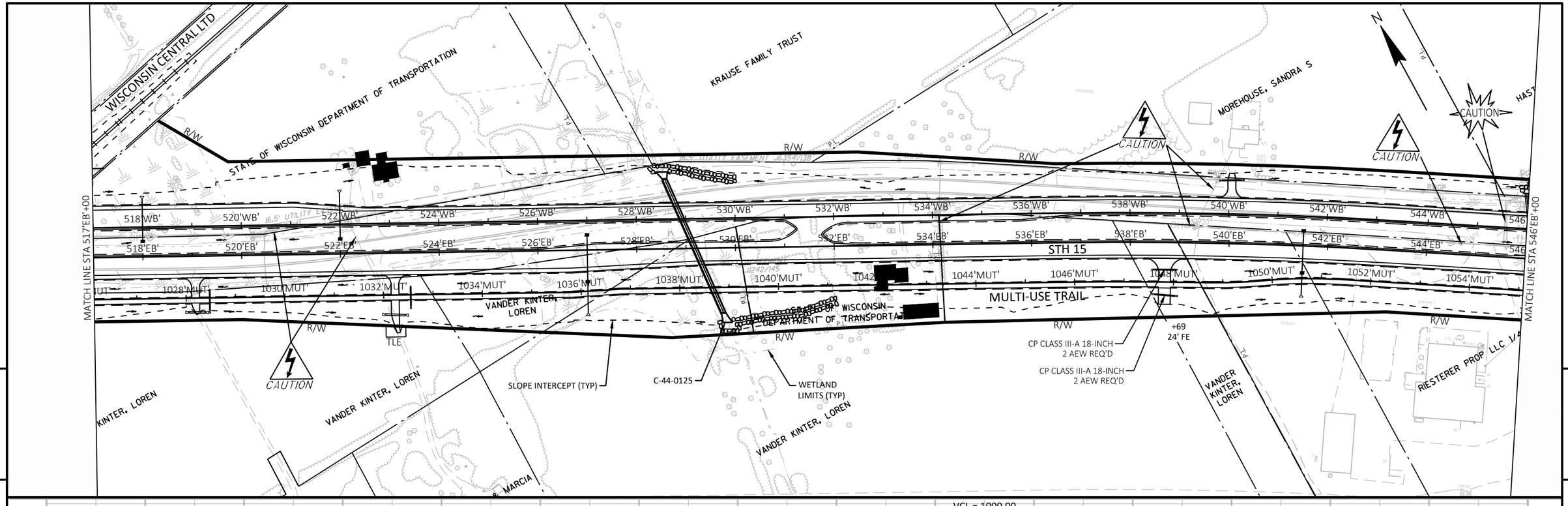


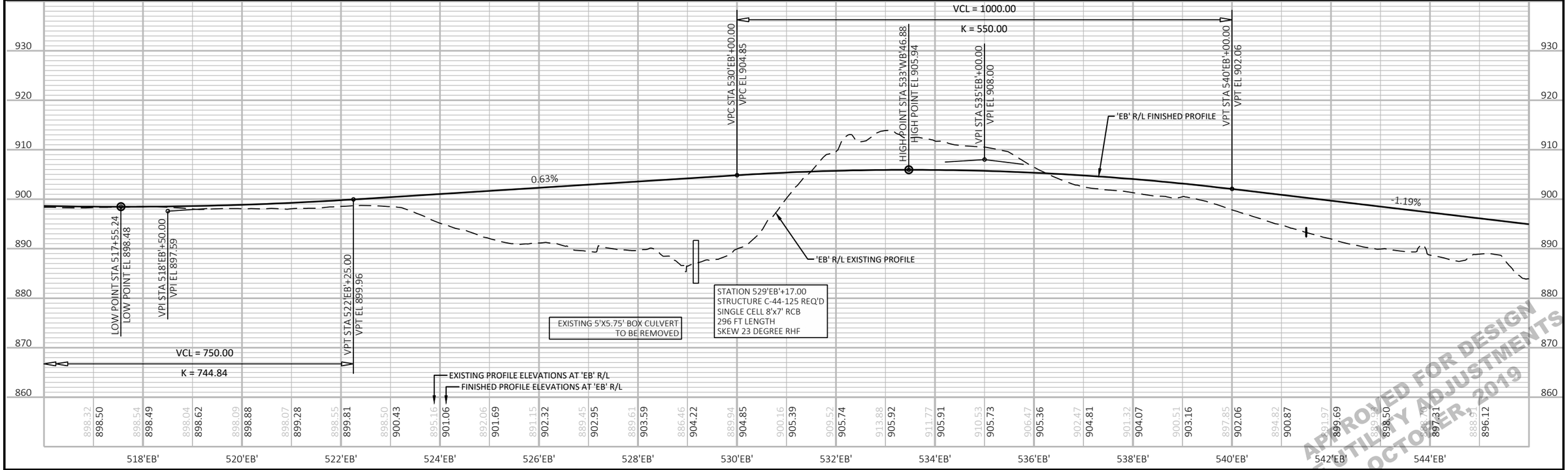
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 209	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050101-PP.DWG
LAYOUT NAME - EB-02

PLOT DATE : 9/24/2019 10:55 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



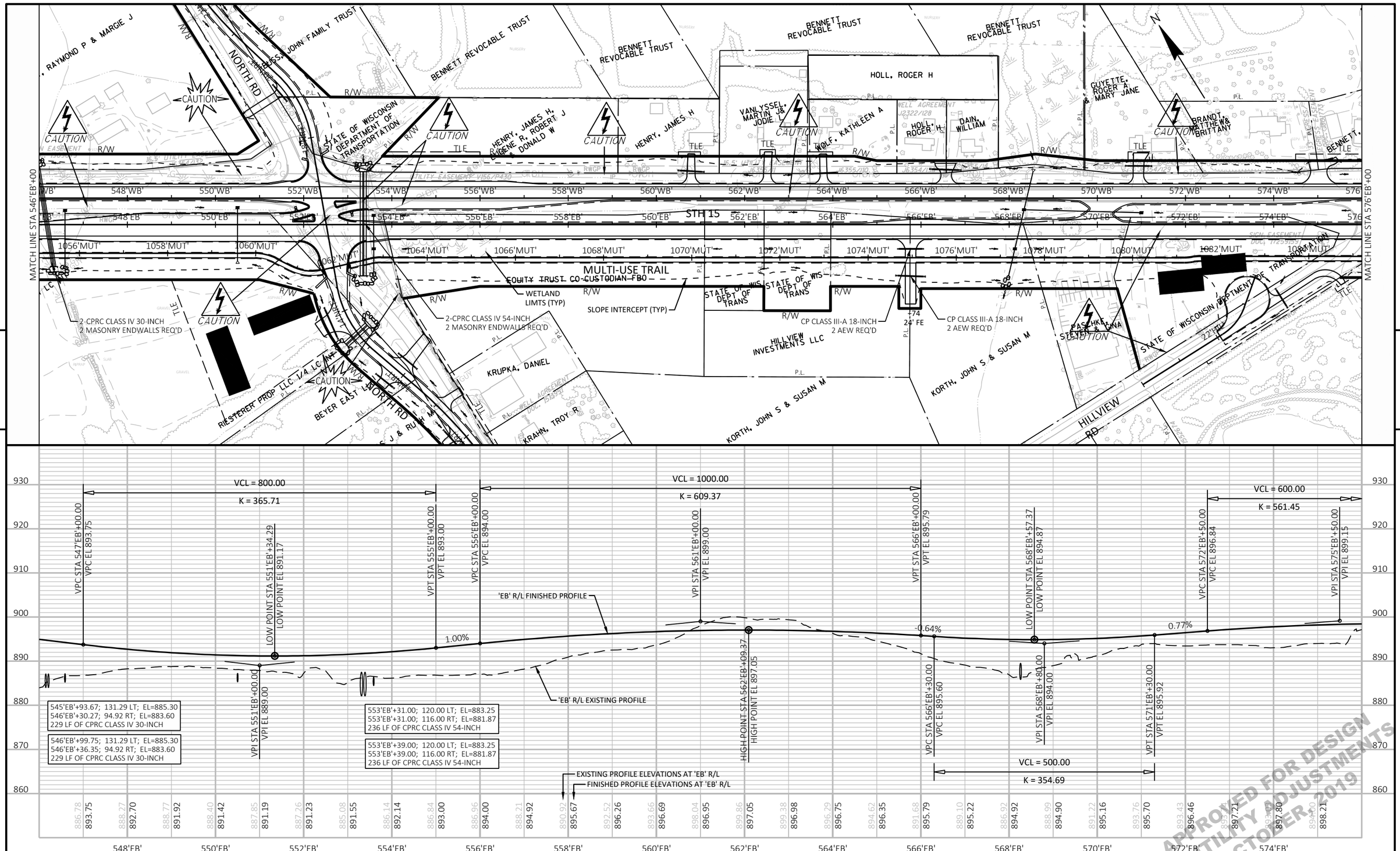


APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 210	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050102-PP.DWG
LAYOUT NAME - EB-03

PLOT DATE : 9/24/2019 10:39 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

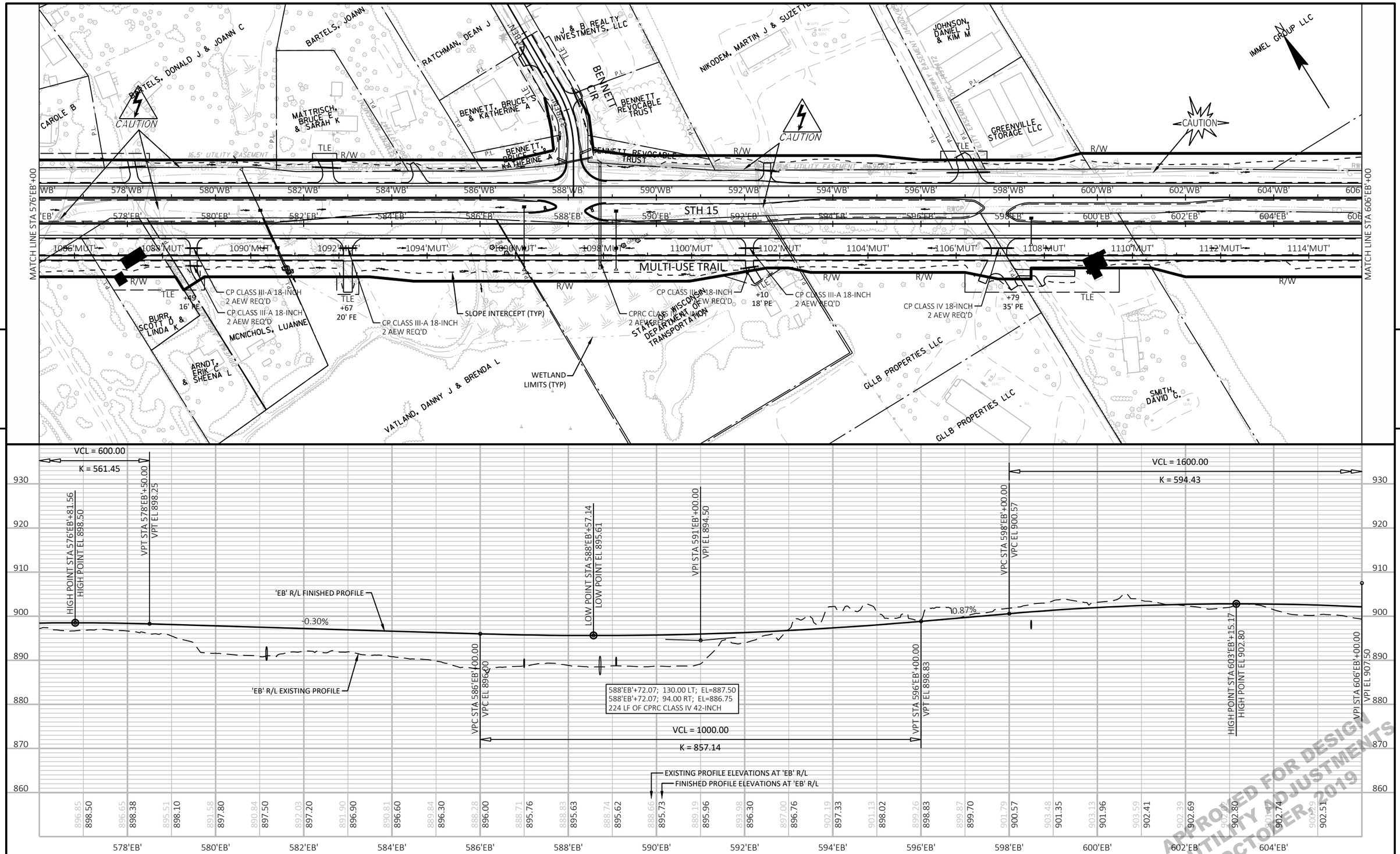


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 211	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050102-PP.DWG
LAYOUT NAME - EB-04

PLOT DATE : 9/24/2019 10:41 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

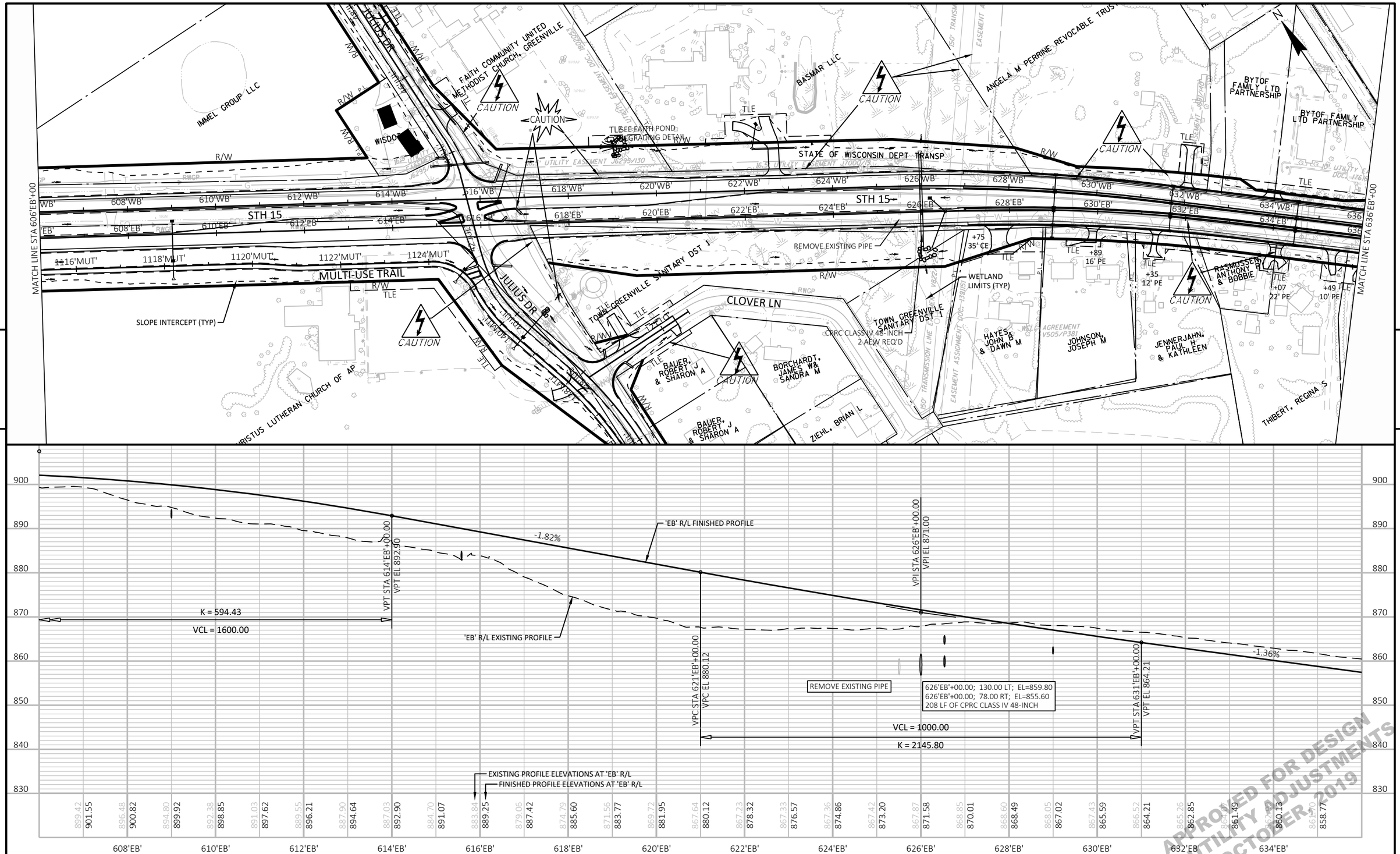


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 212	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050102-PP.DWG
LAYOUT NAME - EB-05

PLOT DATE : 9/24/2019 10:43 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 213	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050102-PP.DWG
LAYOUT NAME - EB-06

PLOT DATE : 9/24/2019 10:45 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

MATCH LINE STA 636'EB'+00

PARKVIEW DR

SK EVERGREEN P

STH 15

TLE

R/W

CAUTION

D/N DEVELOPMENTS LLC

CHAPMAN, MICHAEL & KARIE A

GREENVILLE GROUP LLC

BIG KICKS INC

CAPITAL CREDIT UNION

VARRS PROPERTIES LLP

638'WB' 640'WB' 642'WB' 644'WB' 646'WB' 648'WB' 650'WB' 652'WB' 654'WB' 656'WB' 658'WB' 660'WB' 662'WB' 664'WB' 666'WB'

638'EB' 640'EB' 642'EB' 644'EB' 646'EB' 648'EB' 650'EB' 652'EB' 654'EB' 656'EB' 658'EB' 660'EB' 662'EB' 664'EB' 666'EB'

16' LOV

12' LOV

LILY OF THE VALLEY DR

TLE +77 17' PE

+35 35' CE

TLE +92 35' CE

+97 20' PE

+89 20' CE

SLOPE INTERCEPT (TYP)

WETLAND LIMITS (TYP)

POND 'LILY'

WISCONSIN STATE TRUST

KOBER, FREDERICK E & CATHY A

PROBST ROBERT W

CJPV LLC

MANOS HOLDINGS GREENVILLE, LLC

NNN EASTERN WIS MEDICAL PORTF

MILLER, DOW W JR & PEGGY

KORTH, KARL & JUDY A

5

5

VCL = 800.00

K = 565.31

VCL = 300.00

K = 204.00

VPC STA 641'EB'+50.00
VPC EL 849.94

VPI STA 645'EB'+50.00
VPI EL 844.50

VPT STA 649'EB'+50.00
VPT EL 833.40

VPC STA 650'EB'+00.44
VPC EL 832.00

VPI STA 651'EB'+50.44
VPI EL 827.84

VPT STA 653'EB'+00.44
VPT EL 825.89

'EB' R/L EXISTING PROFILE

'EB' R/L FINISHED PROFILE

REMOVE EXISTING PIPE

-1.36%

-2.77%

-1.30%

-1.42%

STA 653'EB'+50.44
EL 825.24

STA 653'EB'+63.79
EL 825.05

END PROJECT
STA 654'EB'+87.14
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
STA 665'EB'+68

870 860 850 840 830 820 810 800

EXISTING PROFILE ELEVATIONS AT 'EB' R/L
FINISHED PROFILE ELEVATIONS AT 'EB' R/L

638'EB'	640'EB'	642'EB'	644'EB'	646'EB'	648'EB'	650'EB'	652'EB'	654'EB'	656'EB'	658'EB'	660'EB'	662'EB'	664'EB'
858.55 / 856.05	857.02 / 854.69	855.42 / 853.33	853.71 / 851.97	852.34 / 850.62	850.75 / 849.23	849.22 / 847.70	847.57 / 845.99	845.70 / 844.10	843.64 / 842.03	841.22 / 839.79	838.63 / 837.37	836.36 / 834.77	833.32 / 832.02	830.57 / 829.49	828.22 / 827.44	825.90 / 825.89	824.57	823.73	823.29	822.82	822.36	821.97	821.48	821.05	820.57	820.00	819.48	819.00	818.40

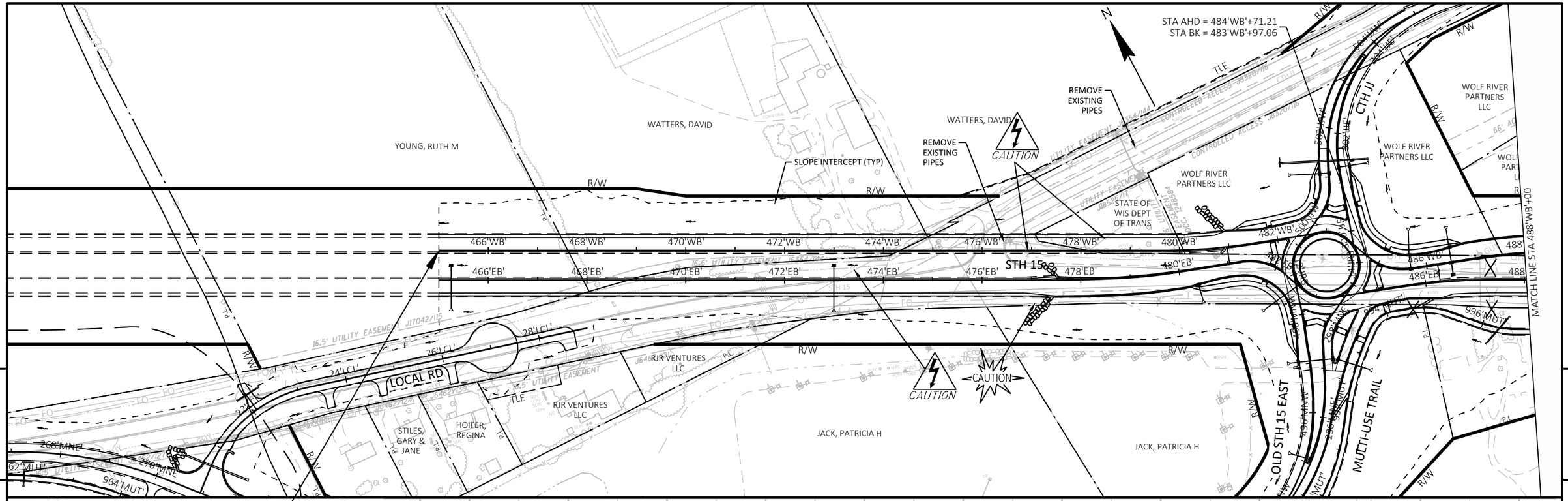
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

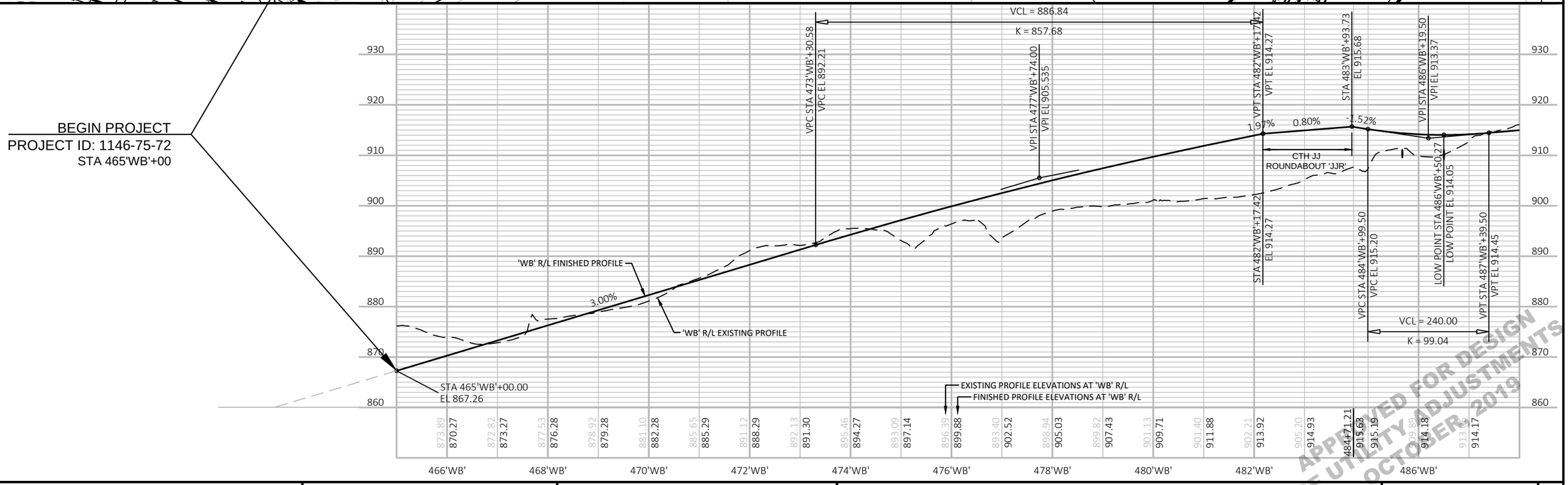
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 EB	SHEET 214	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050102-PP.DWG
LAYOUT NAME - EB-07

PLOT DATE : 9/24/2019 10:47 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





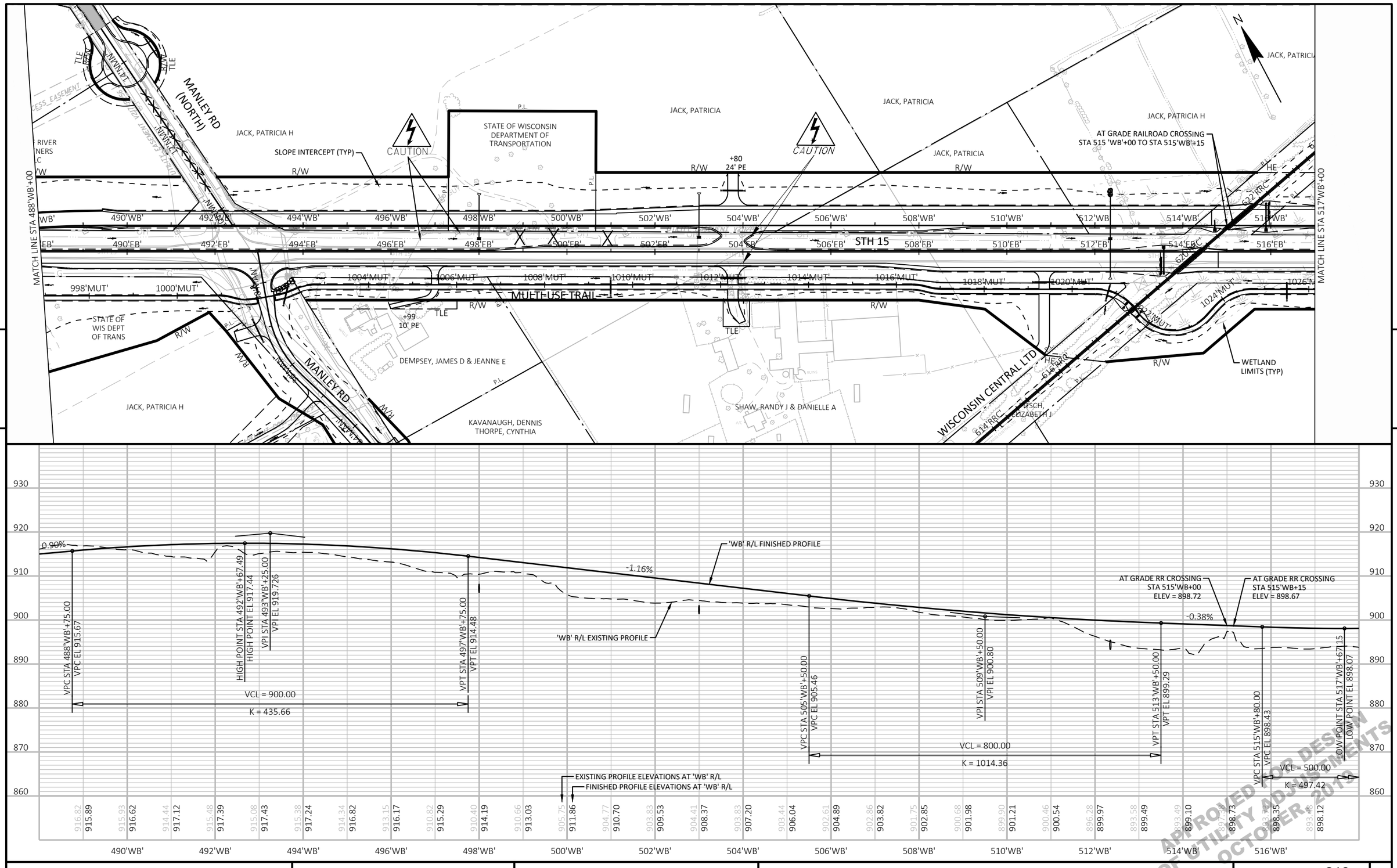
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 215	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050103-PP.DWG
LAYOUT NAME - WB-01

PLOT DATE : 9/24/2019 11:00 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

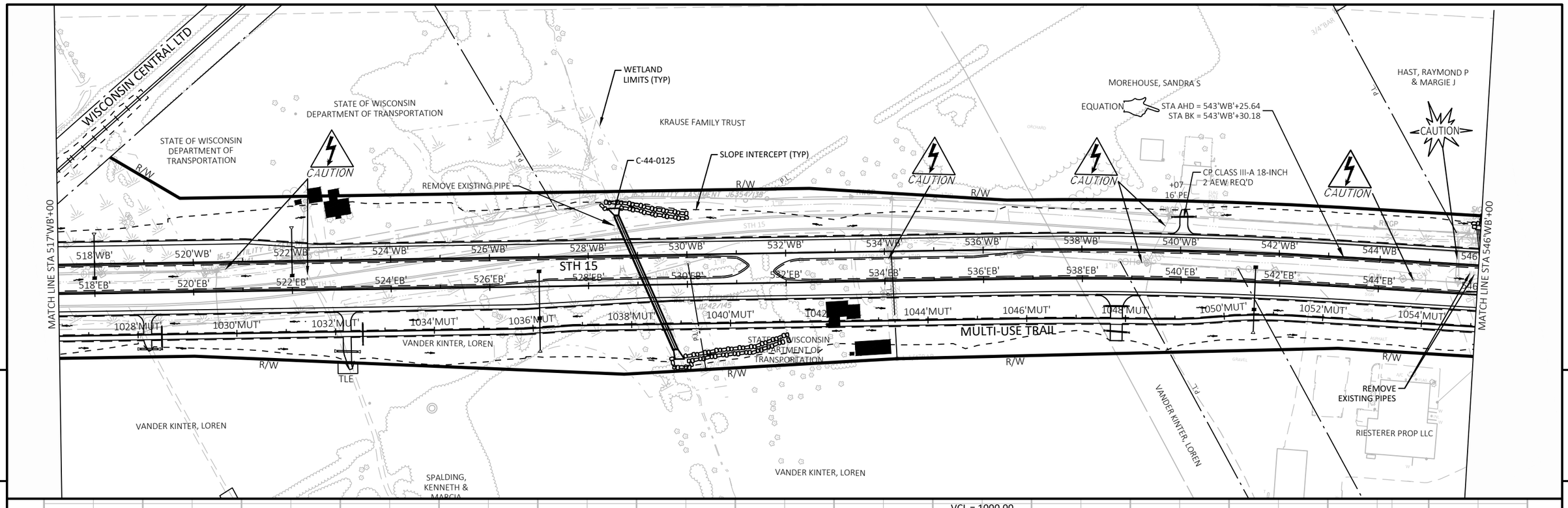


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 216	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050103-PP.DWG
LAYOUT NAME - WB-02

PLOT DATE : 9/24/2019 11:02 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

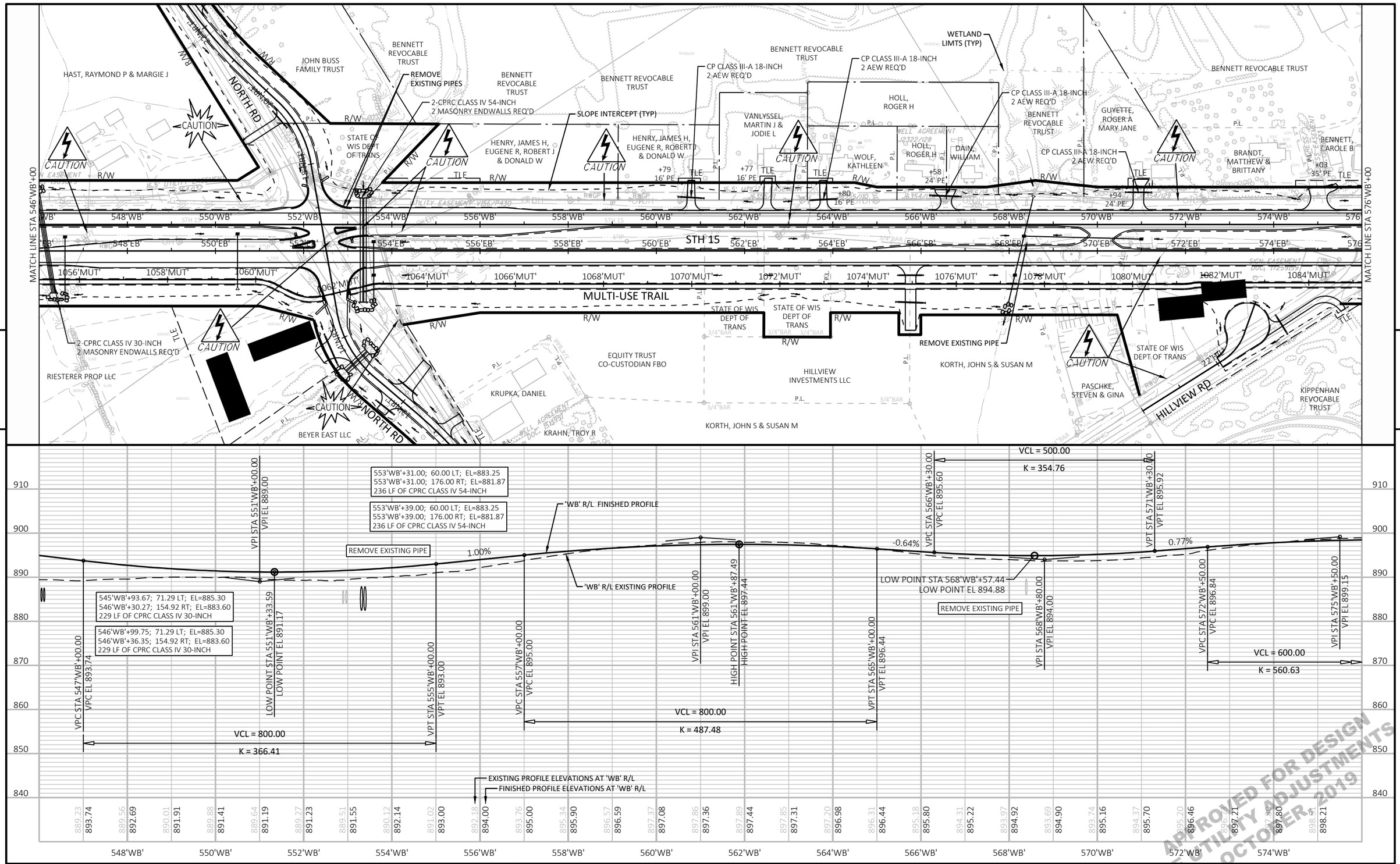


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 217	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050104-PP.DWG
LAYOUT NAME - WB-03

PLOT DATE : 9/24/2019 10:26 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

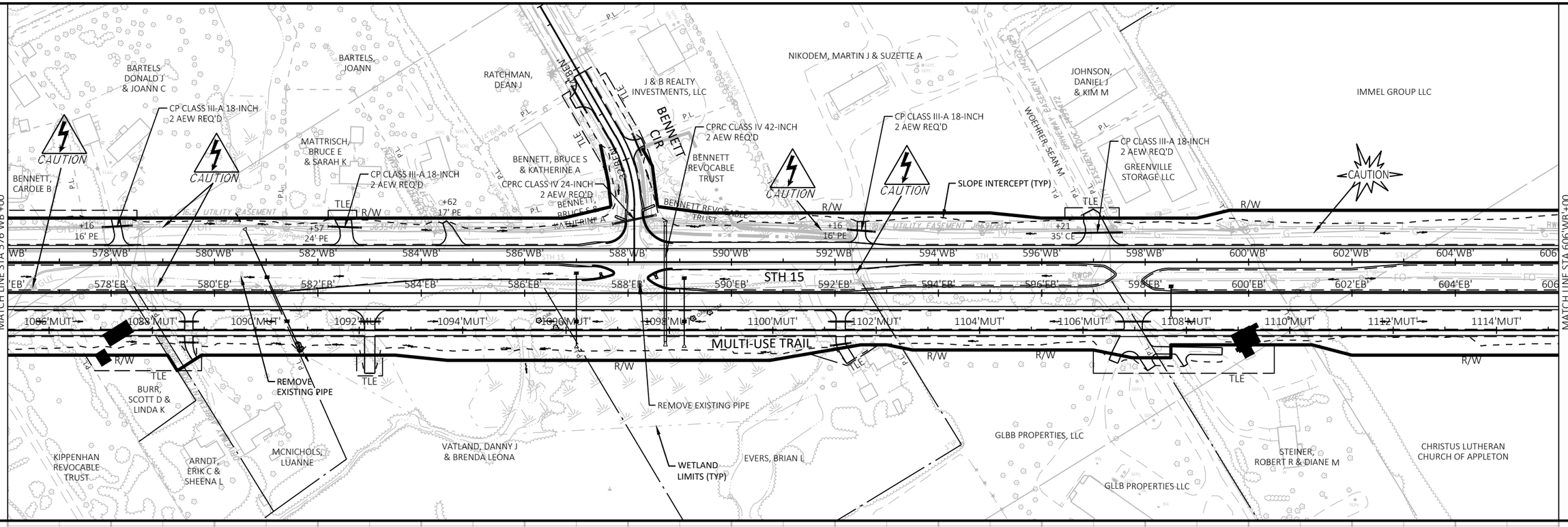


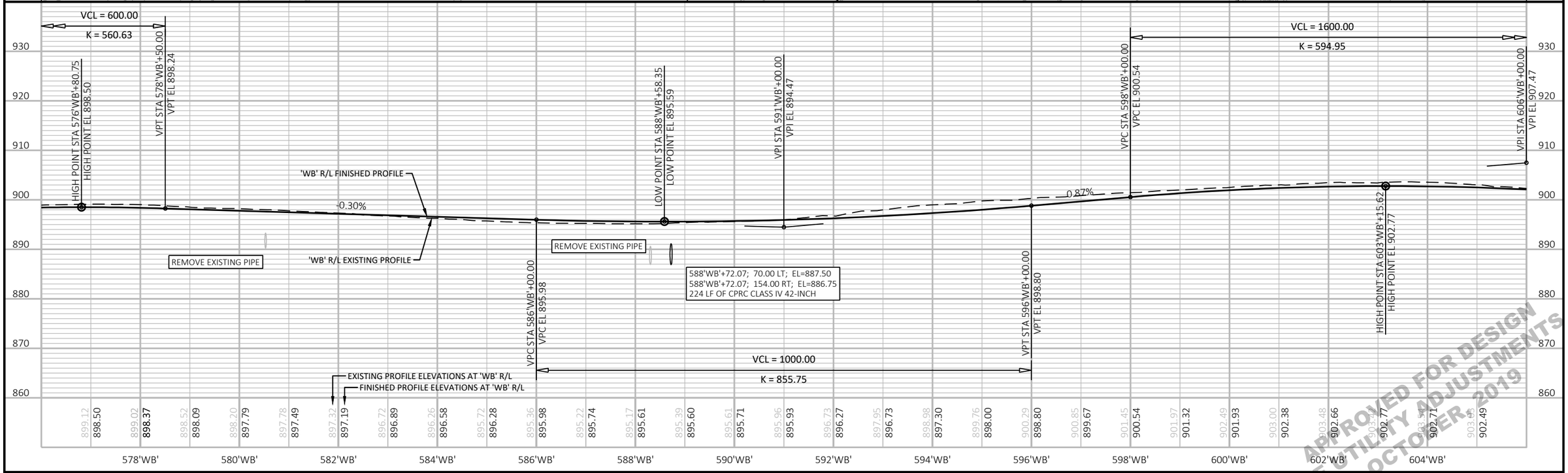
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 218	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050104-PP.DWG
LAYOUT NAME - WB-04

PLOT DATE : 9/24/2019 10:28 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

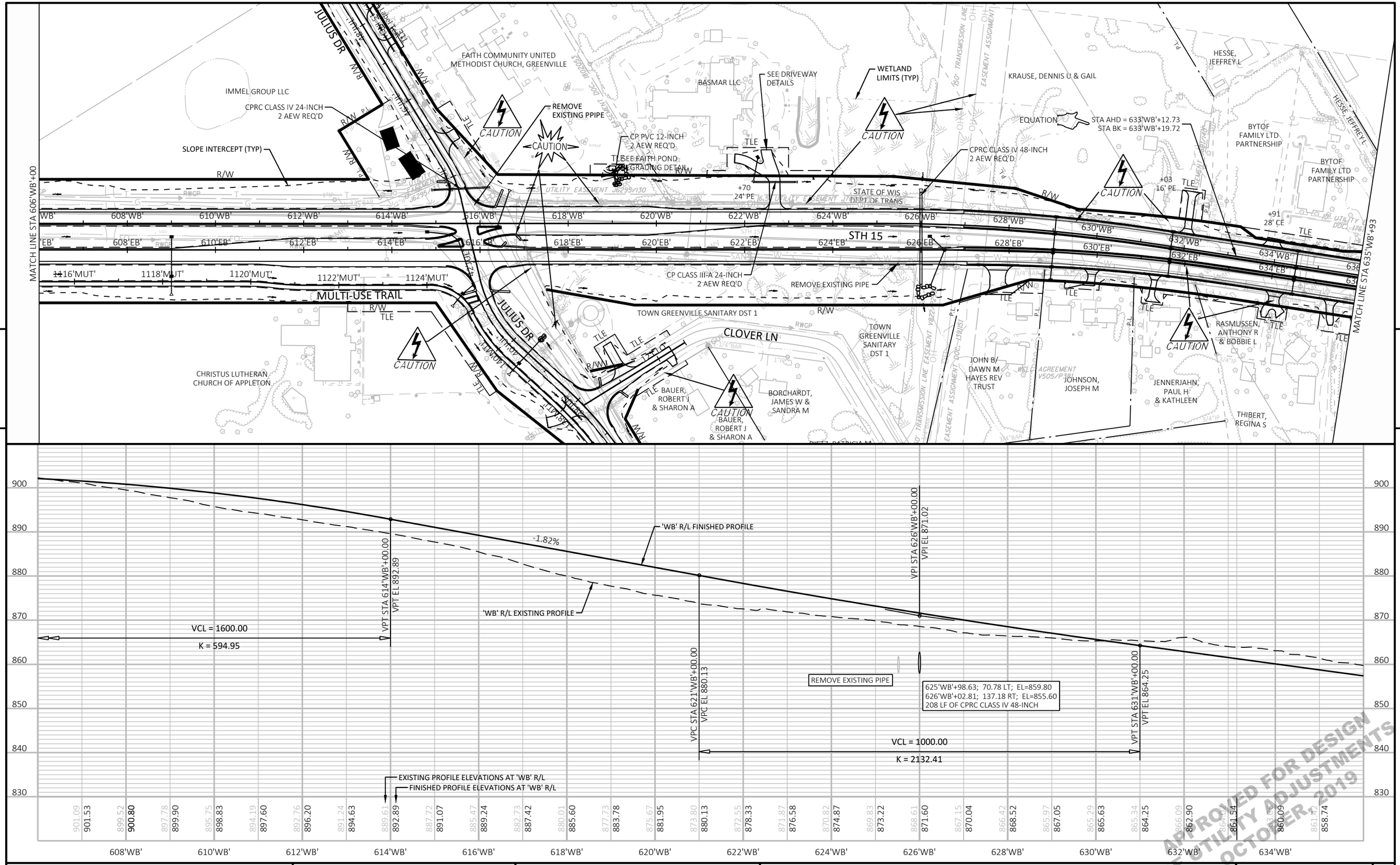




APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 219	E

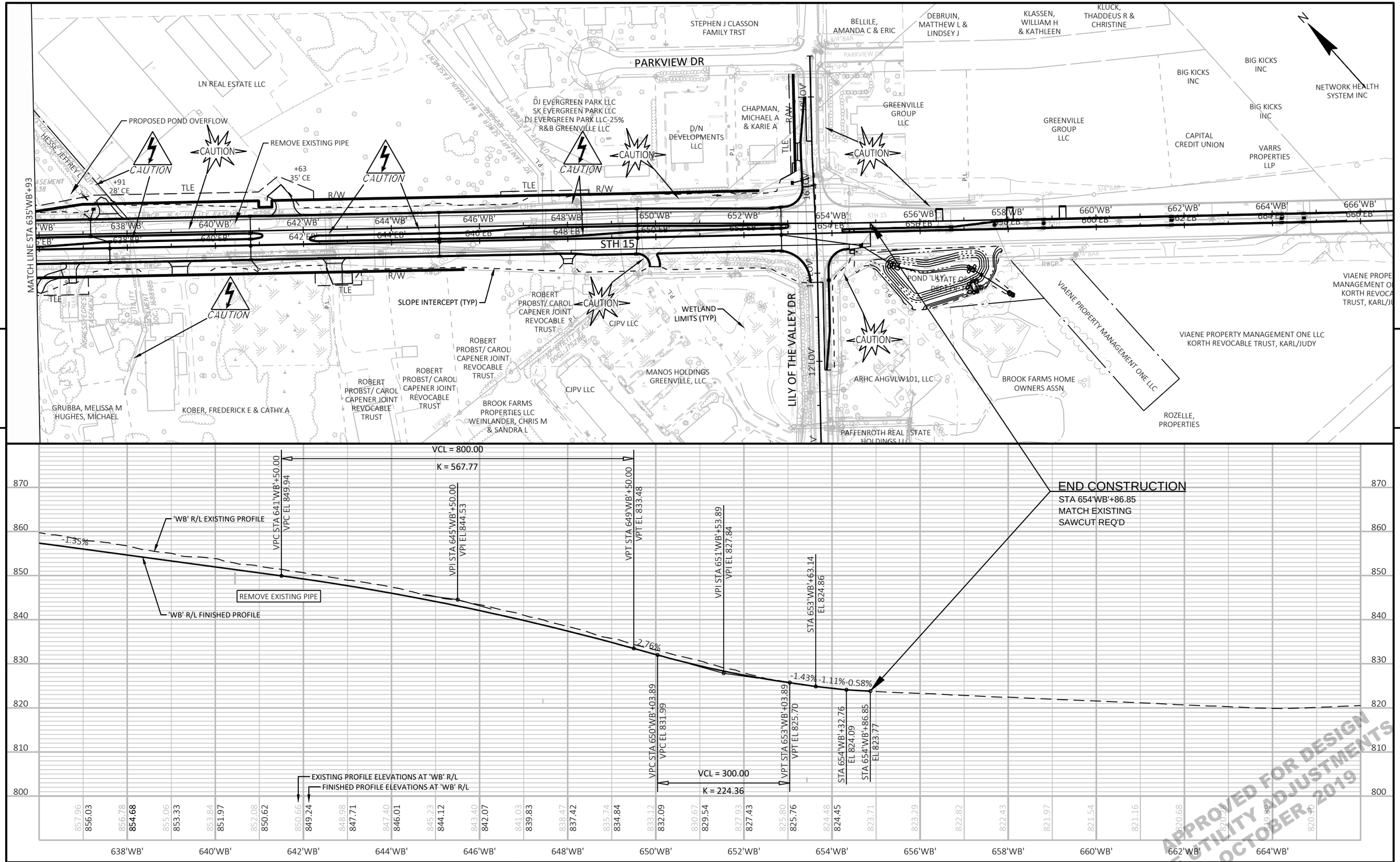
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050104-PP.DWG
LAYOUT NAME - WB-05
PLOT DATE : 9/24/2019 10:29 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 220	E

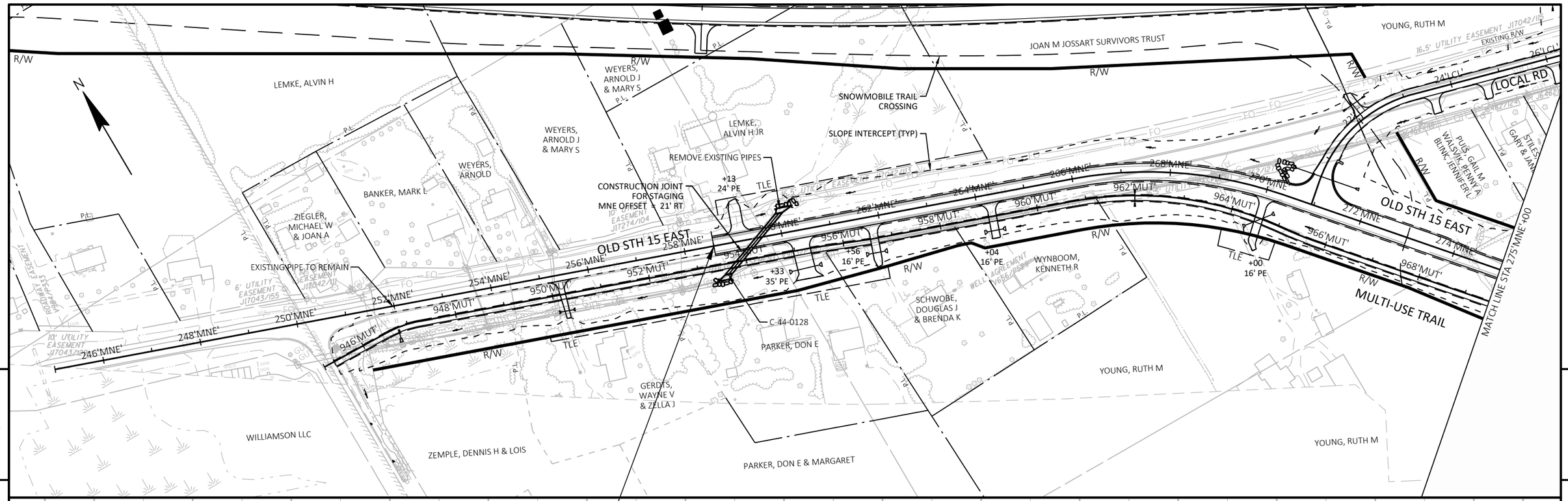
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050104-PP.DWG
LAYOUT NAME - WB-06
PLOT DATE : 9/24/2019 10:31 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 WB	SHEET 221	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050104-PP.DWG
LAYOUT NAME - WB-07

PLOT DATE : 9/24/2019 10:33 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

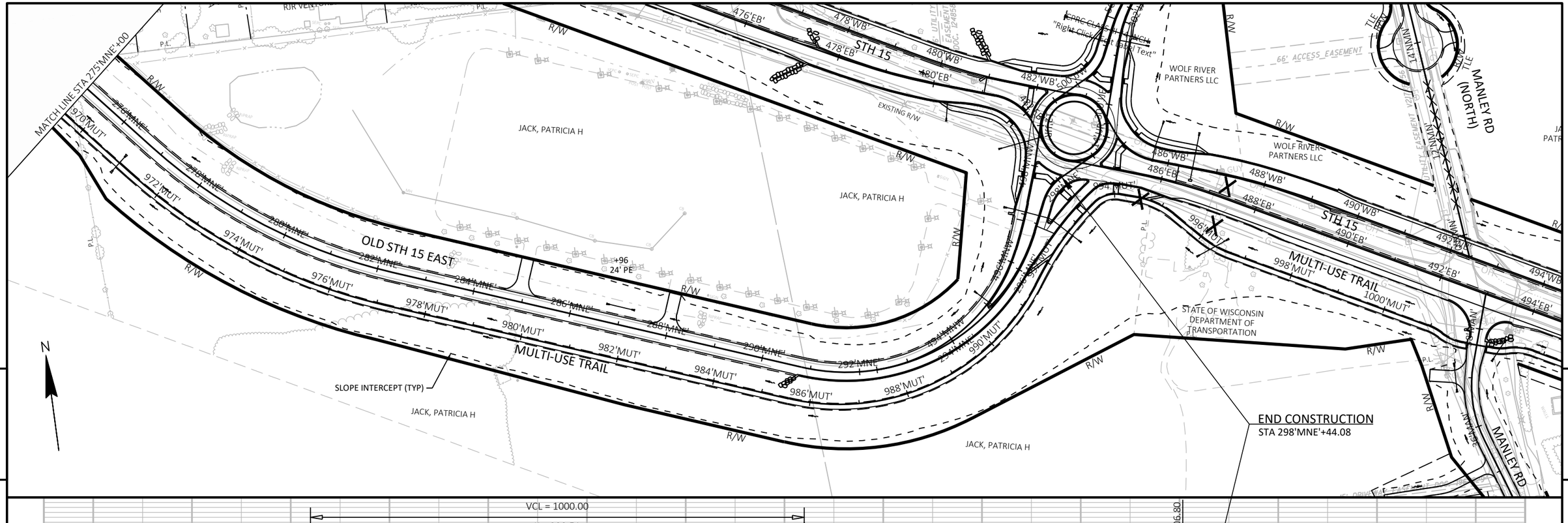


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: OLD STH 15 EAST EB	SHEET 222	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - MNE-01

PLOT DATE : 9/25/2019 12:08 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

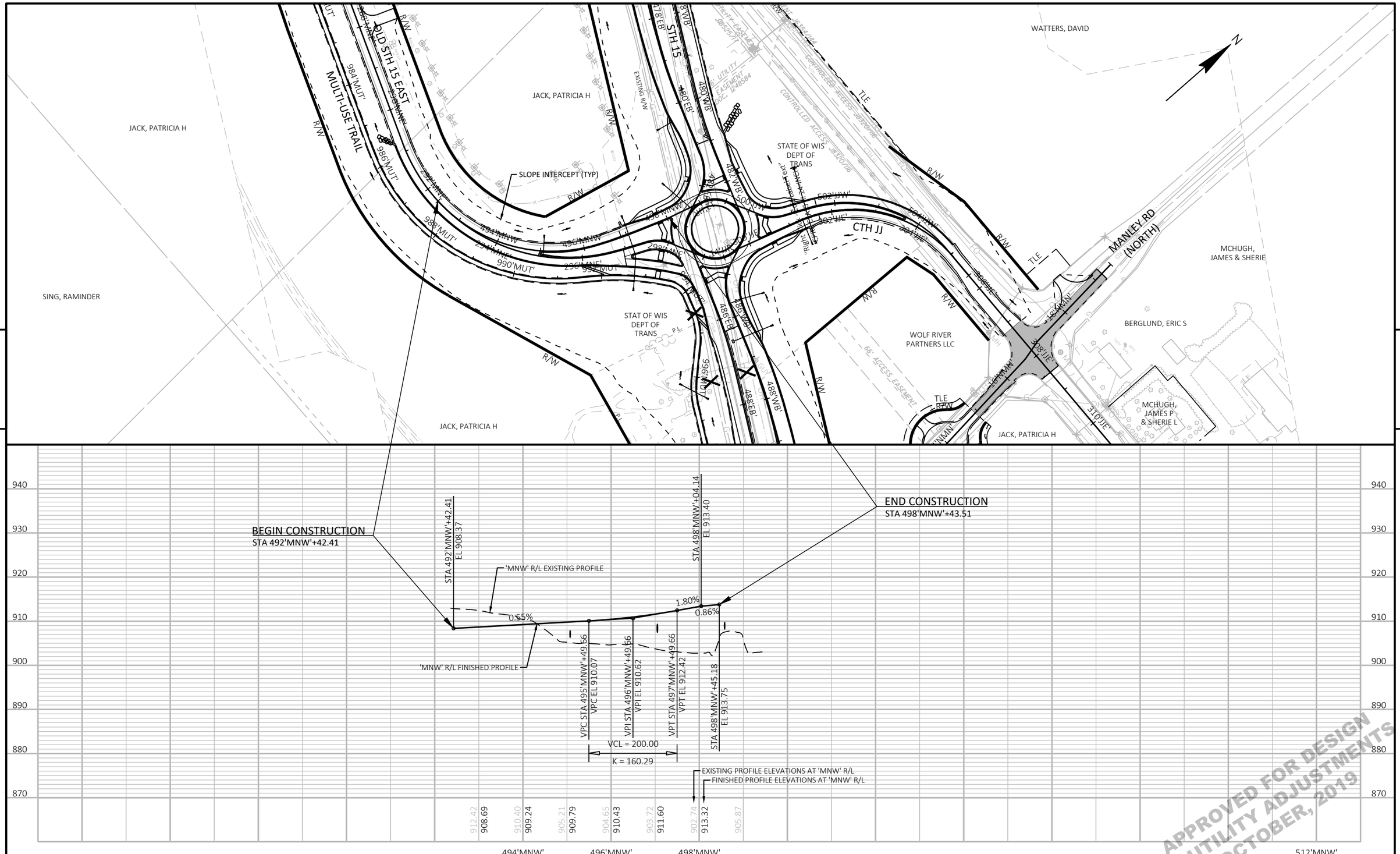


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: OLD STH 15 EAST EB	SHEET 223	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - MNE-02

PLOT DATE : 9/25/2019 12:10 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



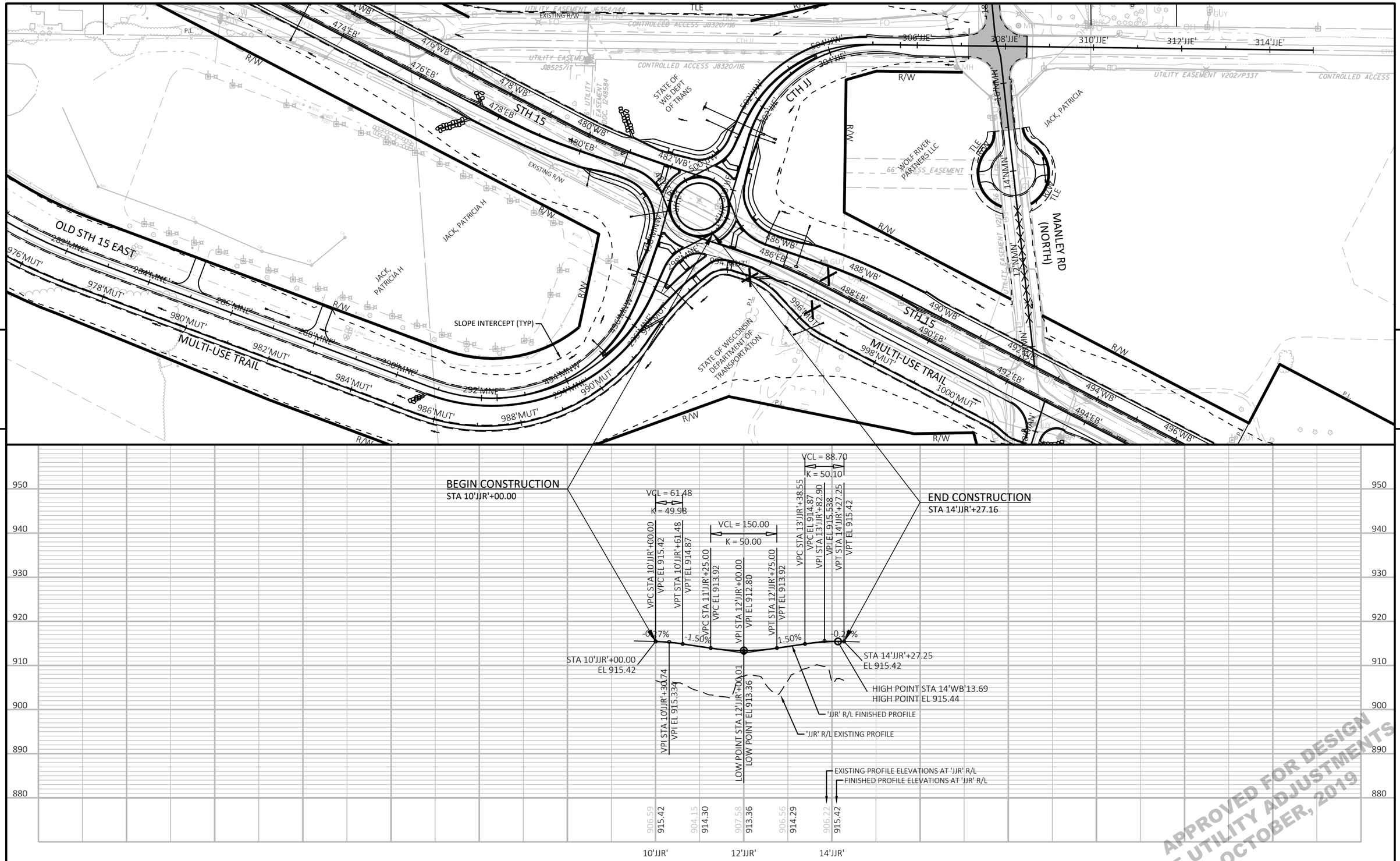
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: OLD STH 15 EAST WB	SHEET 224	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - MNW-01

PLOT DATE : 9/25/2019 12:11 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

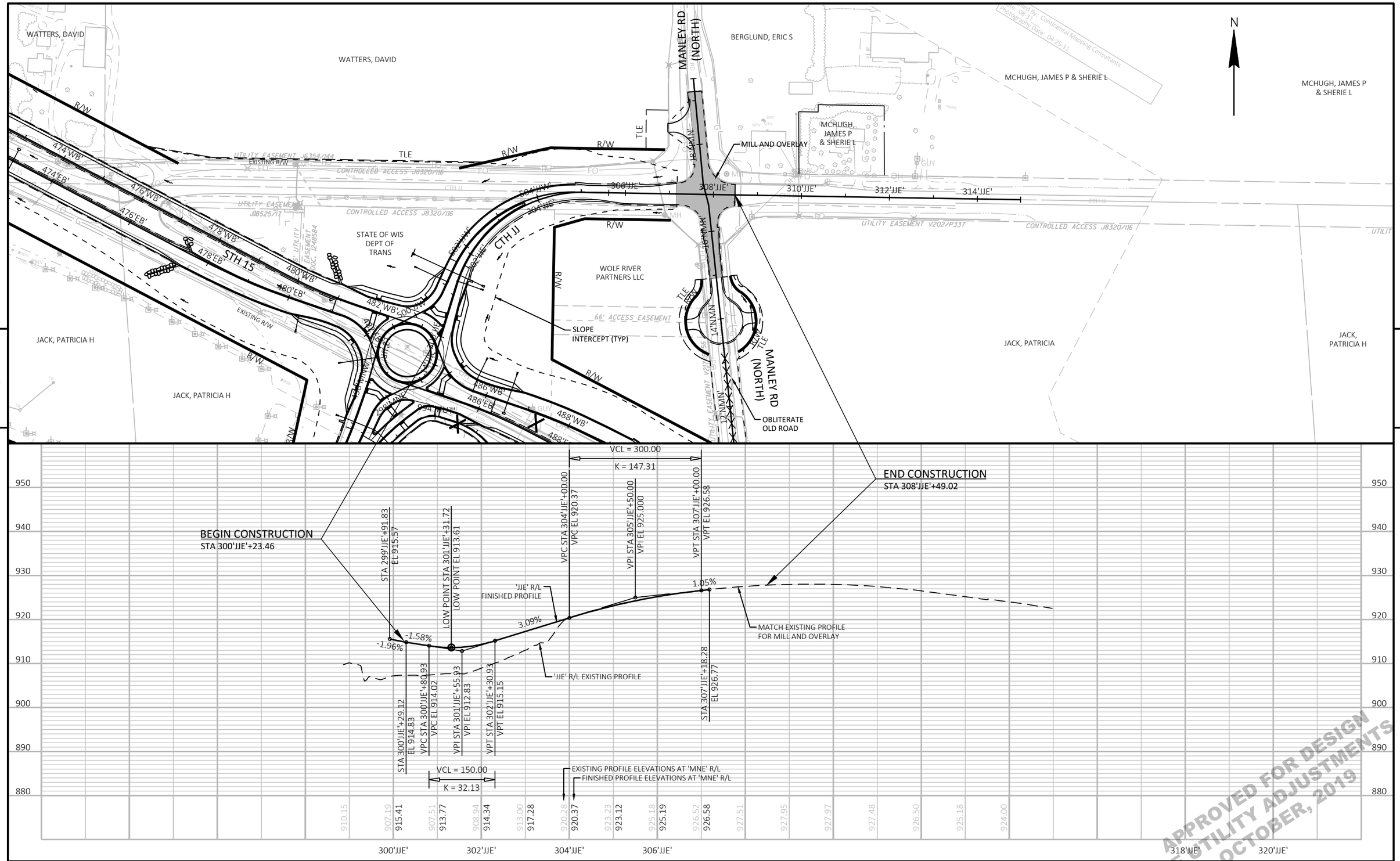
WISDOT/CADDS SHEET 44



APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: STH 15 AND CTH JJ ROUNDABOUT	SHEET 225	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - JJR-01
PLOT DATE : 9/25/2019 12:13 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

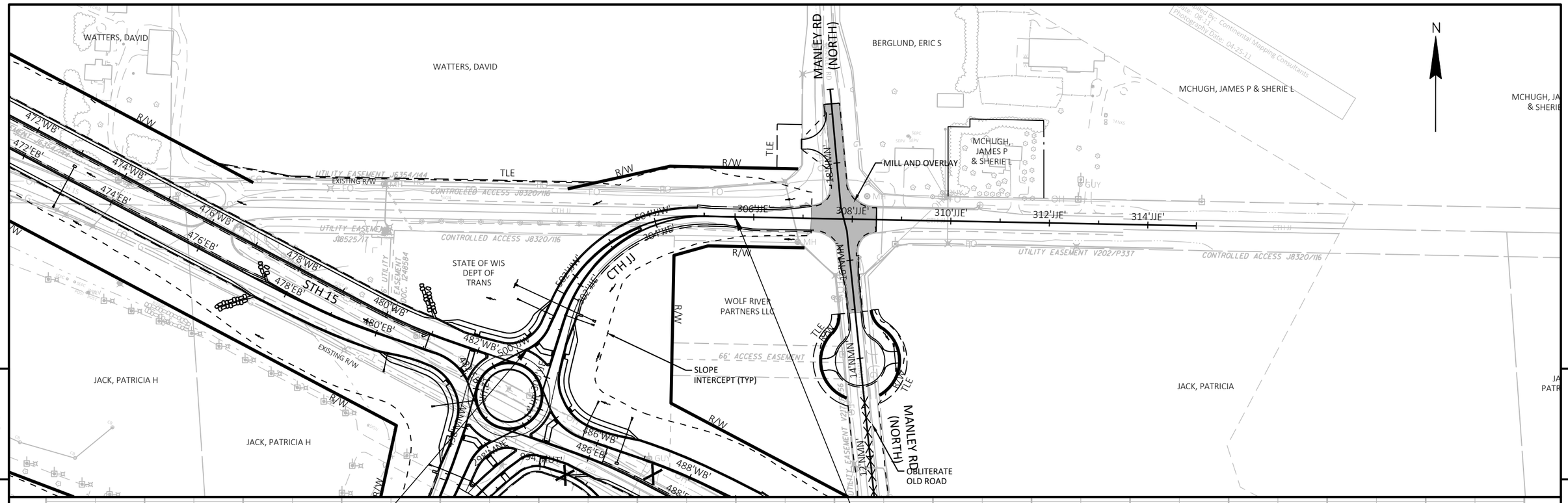


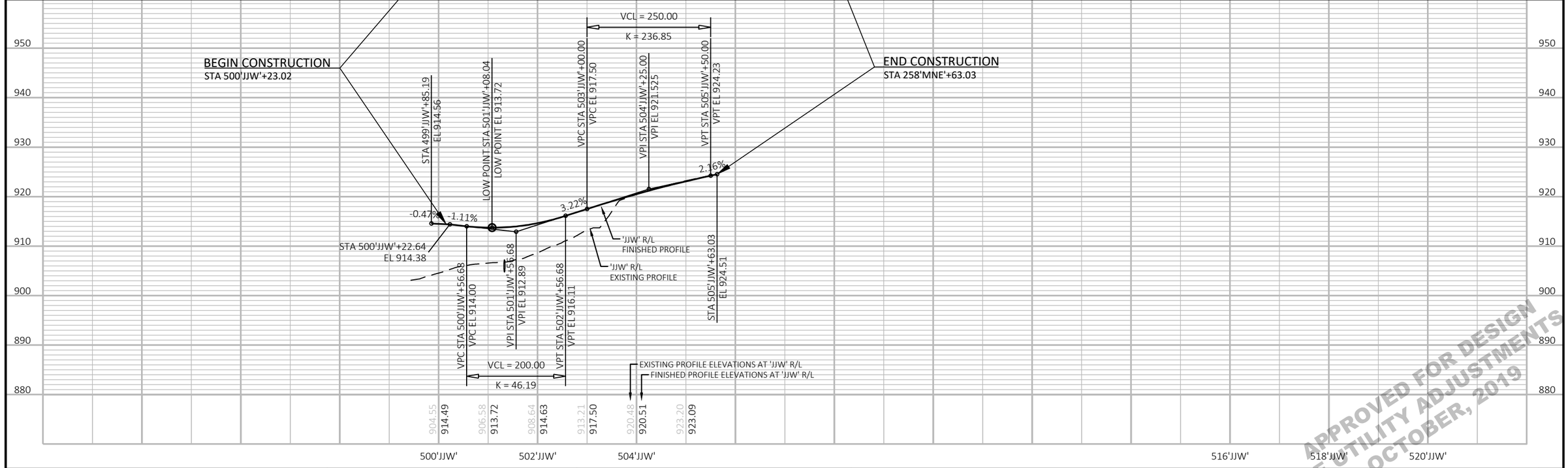
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CTH JJ EASTBOUND	SHEET 226	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - JJE-01

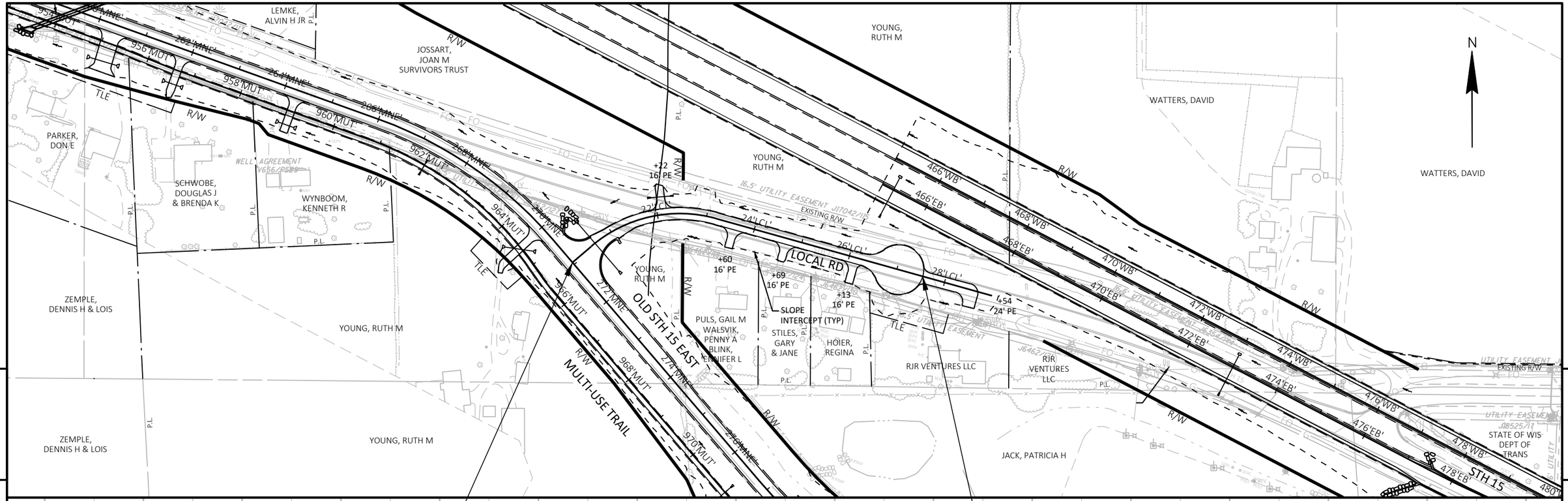
PLOT DATE : 9/25/2019 12:15 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

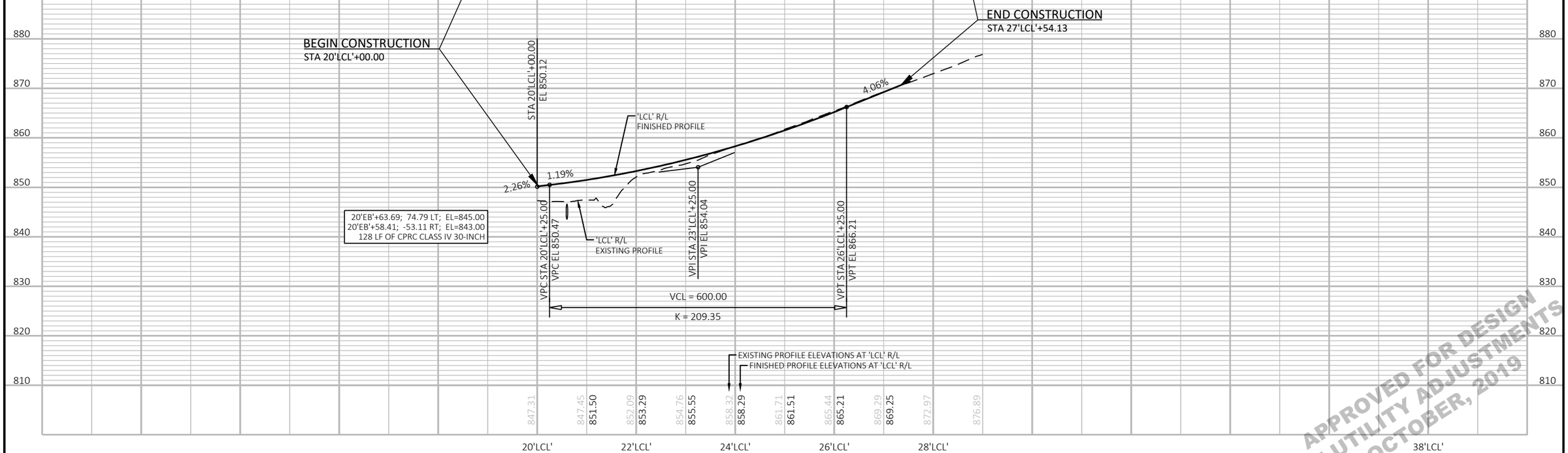




APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CTH JJ WESTBOUND	SHEET 227	E

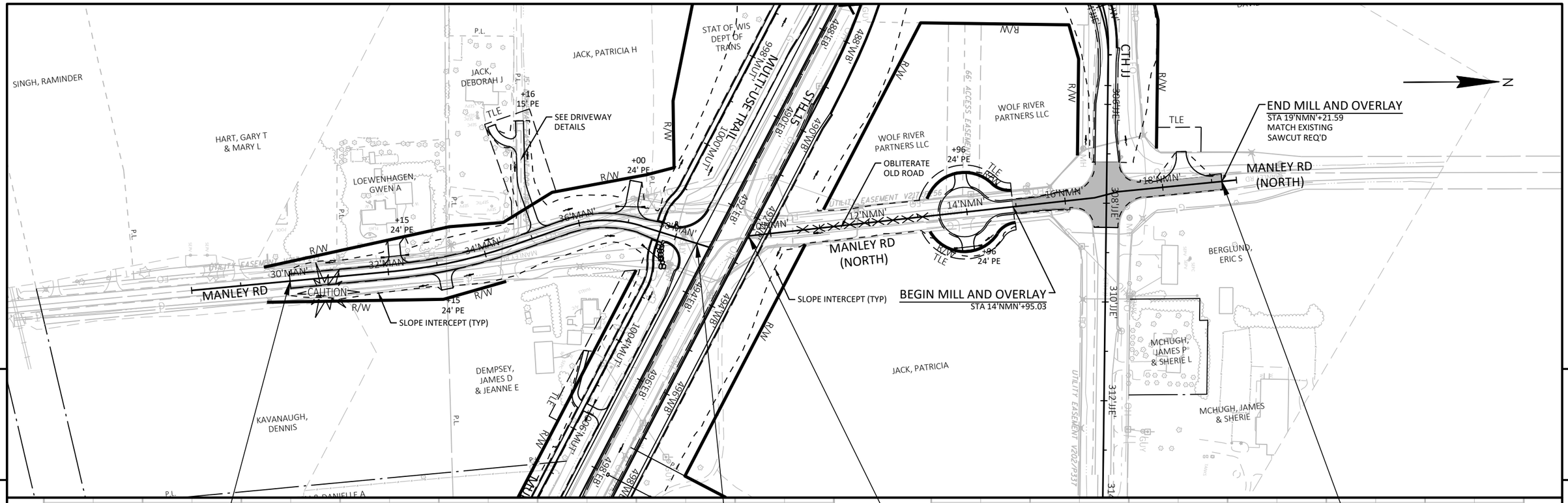




APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: LOCAL ROAD	SHEET 228	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - LCL-01
PLOT DATE : 9/25/2019 12:18 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MANLEY ROAD AND MANLEY ROAD NORTH	SHEET 229	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050105-PP.DWG
LAYOUT NAME - MAN-01

PLOT DATE : 9/25/2019 12:20 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

BASTIAN, DANIEL J & ROBIN S
PASCHKE, STEVEN
BEYER EAST LLC
RIESTERER PROP LLC
ZIEGERT, JANE
KRAUSE FAMILY TRUST
KRAUSE, ARTHUR W MARITAL TRUST
VERKUYLEN, ALBERT H & LORI A
PLACHINSKI, EUGENE F
HEENAN, THOMAS J & RUTH M
HEENAN, THOMAS J & RUTH M
OUDENHOVEN, ROBERT T
HAST, RAYMOND P & MARGIE J
NEUMAN, DONALD L & DEBRA J
BUNNELL, LLOYD JR
SCHMIDT, JERRY W & JUDITH A
WEYERS, DAVID A & CHERYL J
VALERI, MIKE
BERGSBAKEN, KELVIN B
SEEFELDT, EARL J& BEVERLY A
SWEDESKY, RICHARD E
KORTH, JOHN S & SUSAN M
EQUITY TRUST CO-CUSTODIAN FBO
KRAHN, TROY
KRAHN, TROY R
KRUPKA, DANIEL
HENRY, JAMES H, EUGENE R, ROBERT J & DONALD W
STATE OF WIS DEPT OF TRANS
JOHN BUSS FAMILY TRUST
BENNETT REVOCABLE TRUST
BENNETT REVOCABLE TRUST
BENNETT REVOCABLE TRUST
STH 15
MULTI-USE TRAIL
NORTH RD
NORTH RD
CP CLASS IV 18-INCH 2 AEW REQ'D
CPRC CLASS IV 54-INCH
CP CLASS III-A 18-INCH 2 AEW REQ'D
CP CLASS III-A 15-INCH 2 AEW REQ'D
CP CLASS III-A 18-INCH 2 AEW REQ'D KRUPKA, DANIEL
SLOPE INTERCEPT
CAUTION
TLE
R/W
P.L.
+89 36' CE
+22 24' PE R/W
+19 16' PE
+93 24' PE
+13 22' PE
+88 17' PE
+51 28' PE
+00 25' PE
+29 16' PE
+50 18' PE
+34 16' PE
14'NRT'
10'NRT'
8'NRT'
18'NRT'
20'NRT'
22'NRT'
24'NRT'
1038'MULT
550'RB
548'WB
1060'MULT
554'RB
554'WB
1064'MULT
556'RB
556'WB
1066'MULT
558'RB
558'WB
1068'MULT
560'RB
560'WB
5
5
N

BEGIN CONSTRUCTION
STA 7'NRT'+30.00
MATCH EXISTING
SAWCUT REQUIRED

END CONSTRUCTION
STA 25'NRT'+50.00
MATCH EXISTING
SAWCUT REQUIRED

VCL = 230.00
K = 171.68
VCL = 200.00
K = 284.88
VCL = 315.00
K = 149.64
VCL = 275.00
K = 146.11
VCL = 248.35
K = 434.04

VPC STA 7'NRT'+50.00 EL 886.57
VPI STA 8'NRT'+50.00 VPI EL 886.79
VPT STA 9'NRT'+50.00 VPT EL 887.72
VPC STA 9'NRT'+85.00 VPC EL 888.04
VPI STA 11'NRT'+00.00 VPI EL 889.104
HIGH POINT STA 11'NRT'+43.58 HIGH POINT EL 888.77
VPC STA 12'NRT'+17.30 VPC EL 888.62
VPT STA 12'NRT'+15.00 VPT EL 888.63
LOW POINT STA 12'NRT'+79.75 LOW POINT EL 888.49
VPI STA 13'NRT'+75.00 VPI EL 887.96
VPT STA 15'NRT'+32.50 VPT EL 890.62
STA 15'NRT'+63.44 EL 891.14
VPC STA 17'NRT'+06.35 VPC EL 890.98
STA 16'NRT'+73.11 EL 891.56
VPI STA 18'NRT'+43.85 VPI EL 889.31
LOW POINT STA 18'NRT'+84.60 LOW POINT EL 889.90
VPT STA 19'NRT'+81.35 VPT EL 890.22
VPC STA 22'NRT'+50.82 VPC EL 892.00
VPI STA 23'NRT'+75.00 VPI EL 892.822
VPT STA 24'NRT'+99.17 VPI EL 892.93
STA 25'NRT'+50.00 EL 892.98

'NRT' R/L FINISHED PROFILE
'NRT' R/L EXISTING PROFILE
EXISTING PROFILE ELEVATIONS AT 'NRT' R/L
FINISHED PROFILE ELEVATIONS AT 'NRT' R/L

0.22%
0.92%
1.69%
1.90%
1.92%
1.96%
-1.22%
-0.42%
-2.04%
-2.03%
-2.01%
0.66%
0.09%

13'NRT'+37.93; 28.03 LT; EL=881.30
13'NRT'+33.31; -35.80 RT; EL=880.78
64 LF OF CPRC CLASS IV 54-INCH

13'NRT'+46.88; 27.22 LT; EL=881.30
13'NRT'+40.28; -36.43 RT; EL=880.78
64 LF OF CPRC CLASS IV 54-INCH

920 910 900 890 880 870 860 850

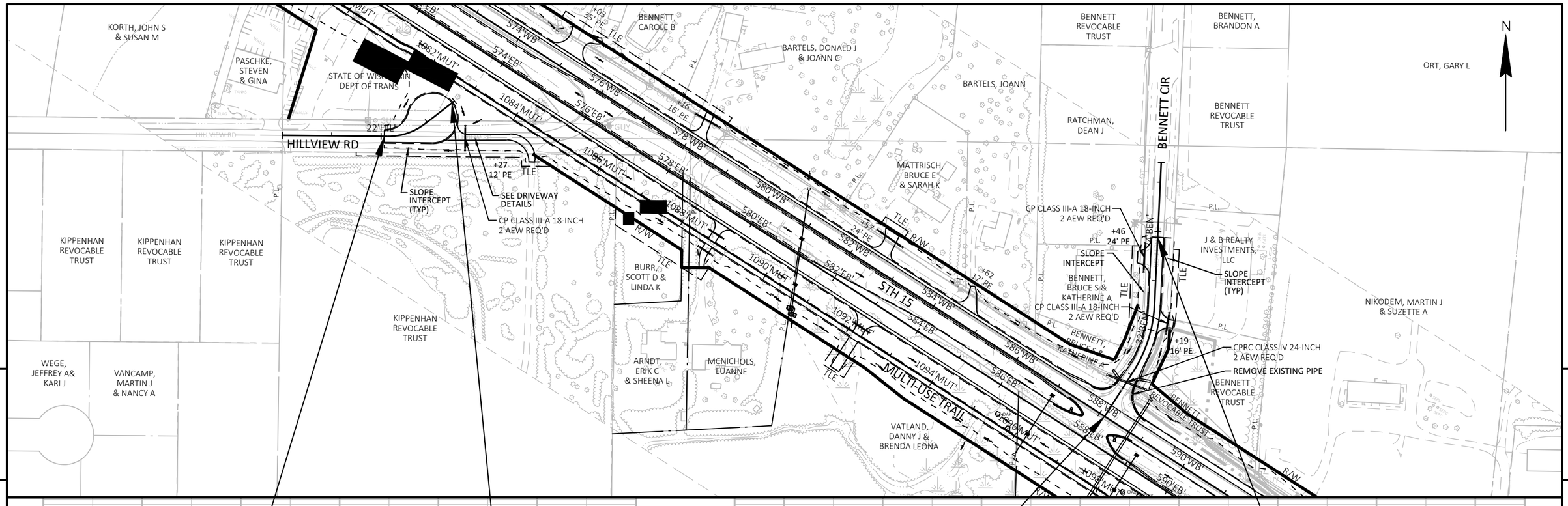
886.42 886.79 886.73 887.58 887.30 888.45 888.17 888.18 888.72 886.15 888.68 885.62 888.50 886.04 888.97 888.30 890.11 887.62 891.36 888.70 891.06 889.58 890.14 890.31 889.90 888.88 890.34 889.25 891.00 891.10 891.66 892.69 892.30 893.02 892.73 892.95 892.93 893.13

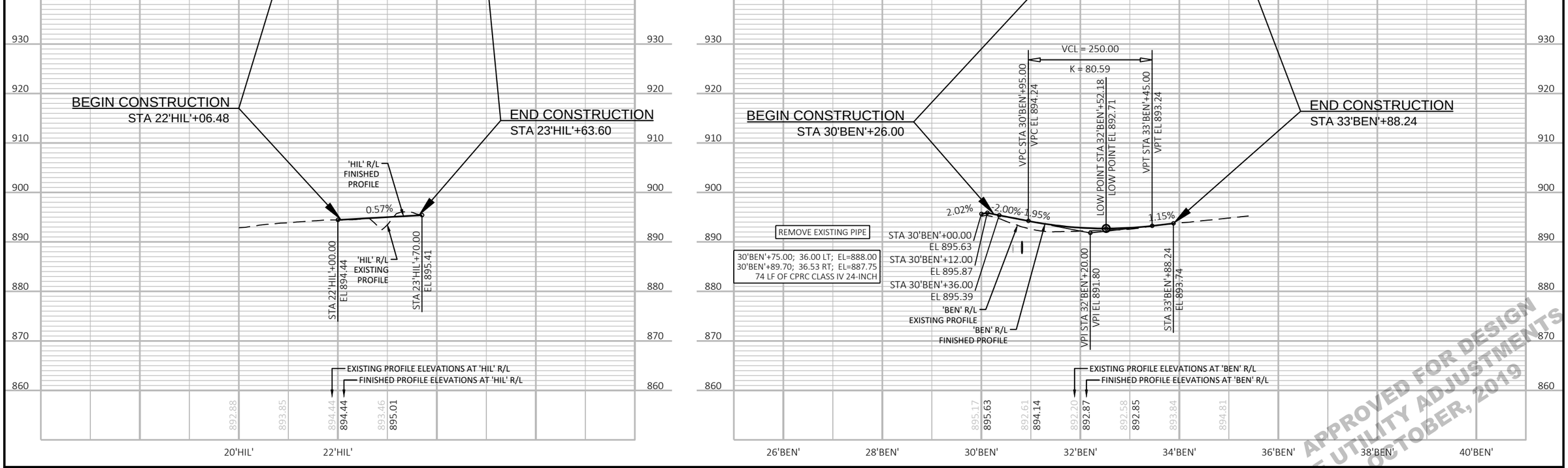
8'NRT' 10'NRT' 12'NRT' 14'NRT' 16'NRT' 18'NRT' 20'NRT' 22'NRT' 24'NRT'

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH ROAD	SHEET 230	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050106-PP.DWG
LAYOUT NAME - 01-North
PLOT DATE : 9/25/2019 12:47 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT





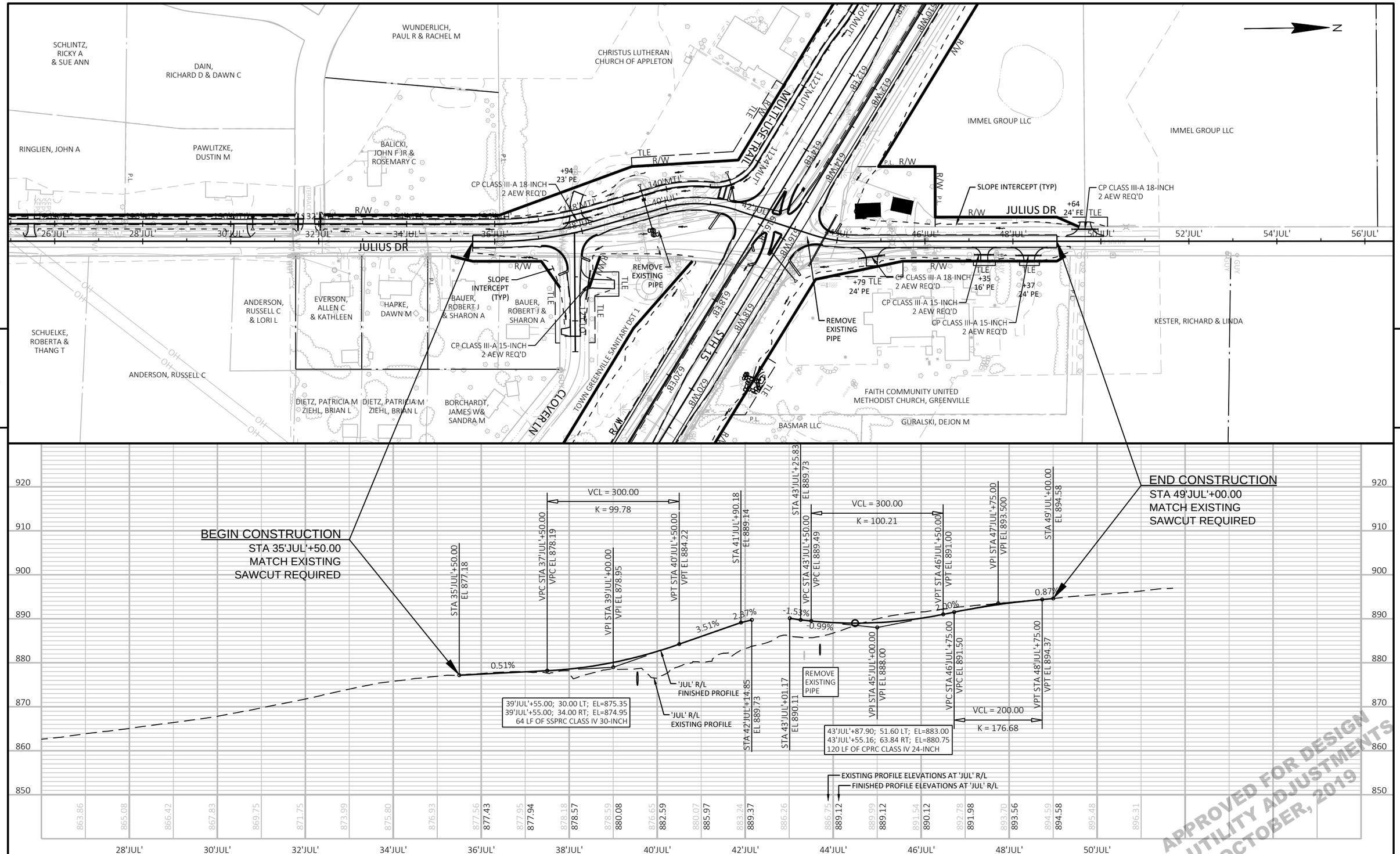
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: HILLVIEW ROAD AND BENNETT CIRCLE	SHEET 231	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050106-PP.DWG
LAYOUT NAME - 02-HILL BENNETT

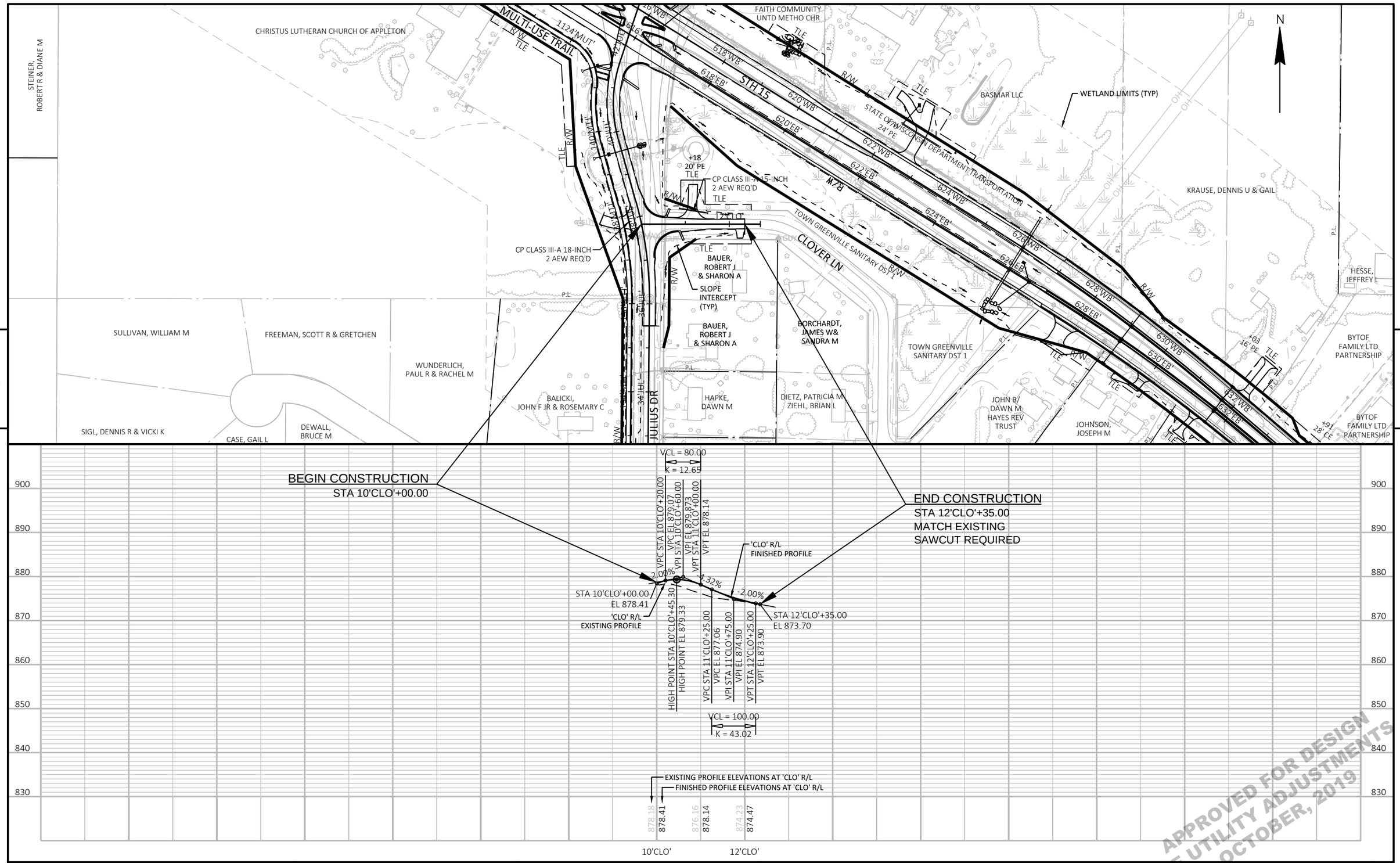
PLOT DATE : 9/25/2019 12:49 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: JULIUS DRIVE	SHEET 232	E

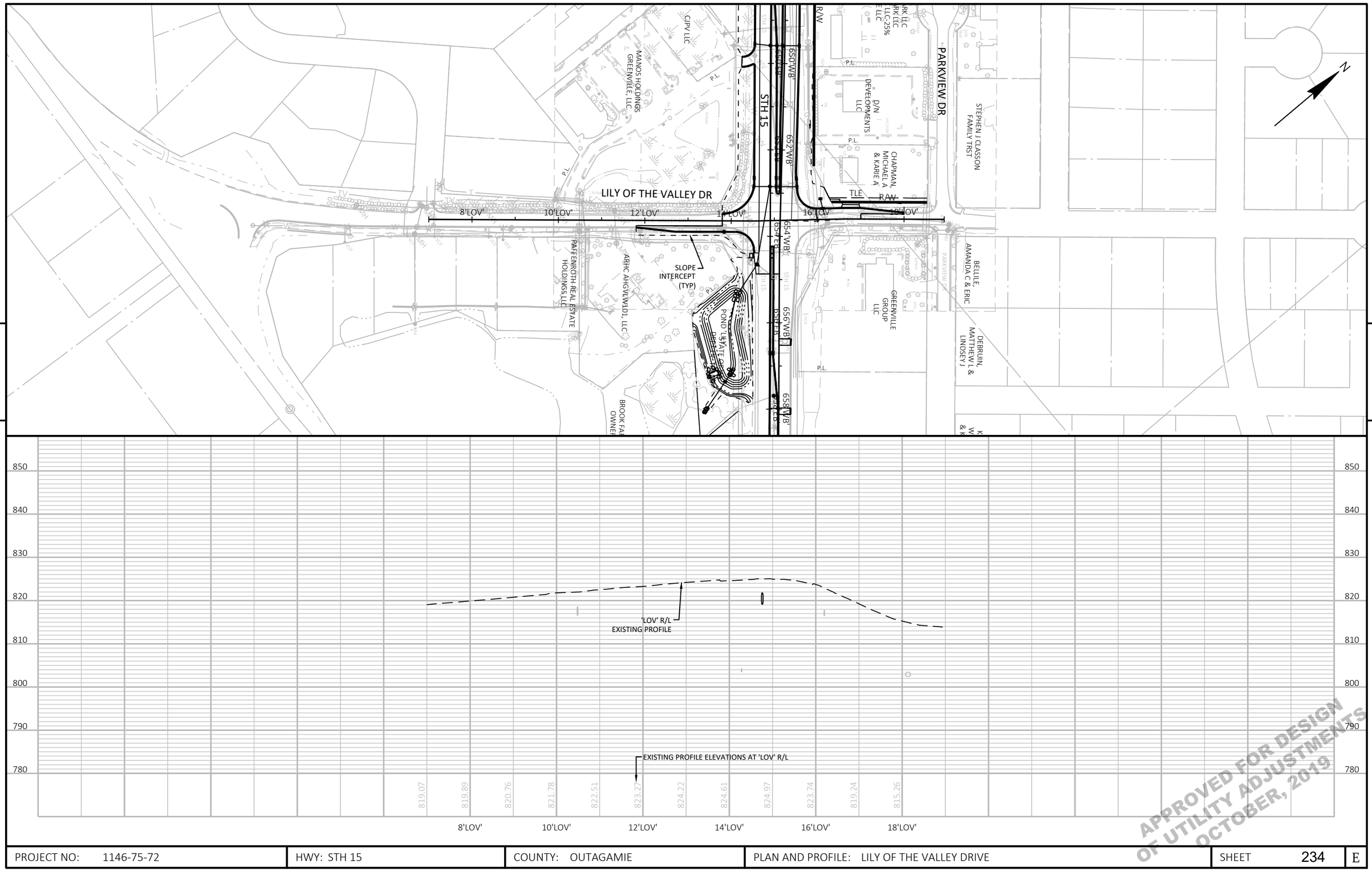
FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050106-PP.DWG
LAYOUT NAME - 03-Julius
PLOT DATE : 9/25/2019 12:51 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: CLOVER LANE	SHEET 233	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050106-PP.DWG
LAYOUT NAME - 04-Clover

PLOT DATE : 9/25/2019 1:00 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT



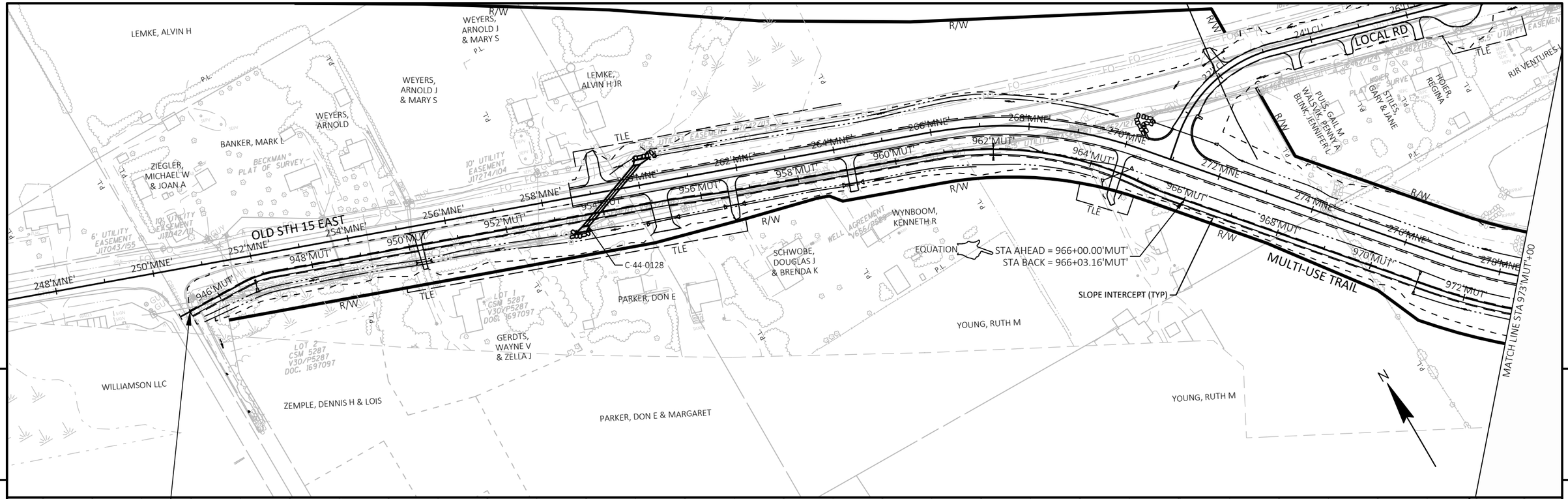
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

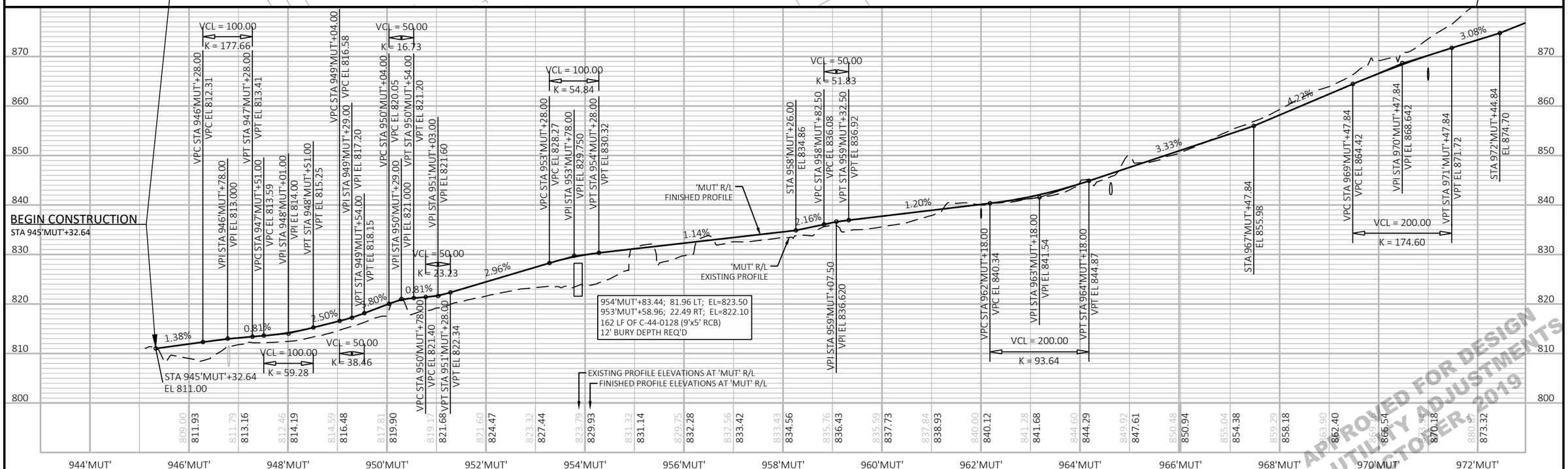
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: LILY OF THE VALLEY DRIVE	SHEET 234	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050106-PP.DWG
LAYOUT NAME - 05-LOTV

PLOT DATE : 9/25/2019 12:55 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

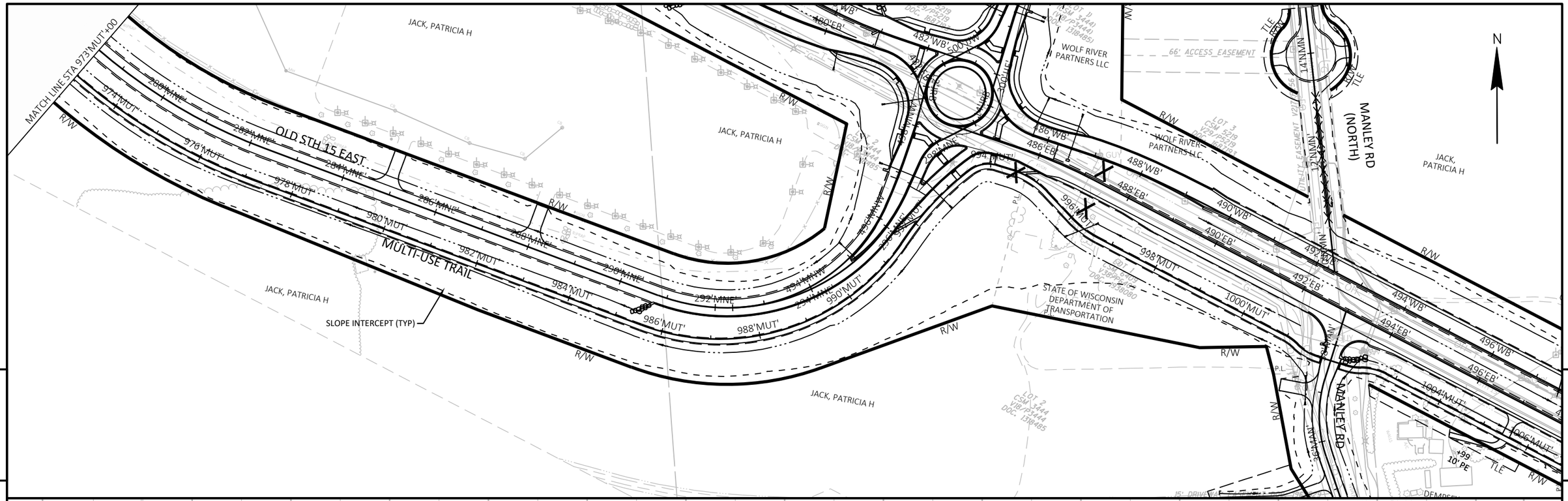


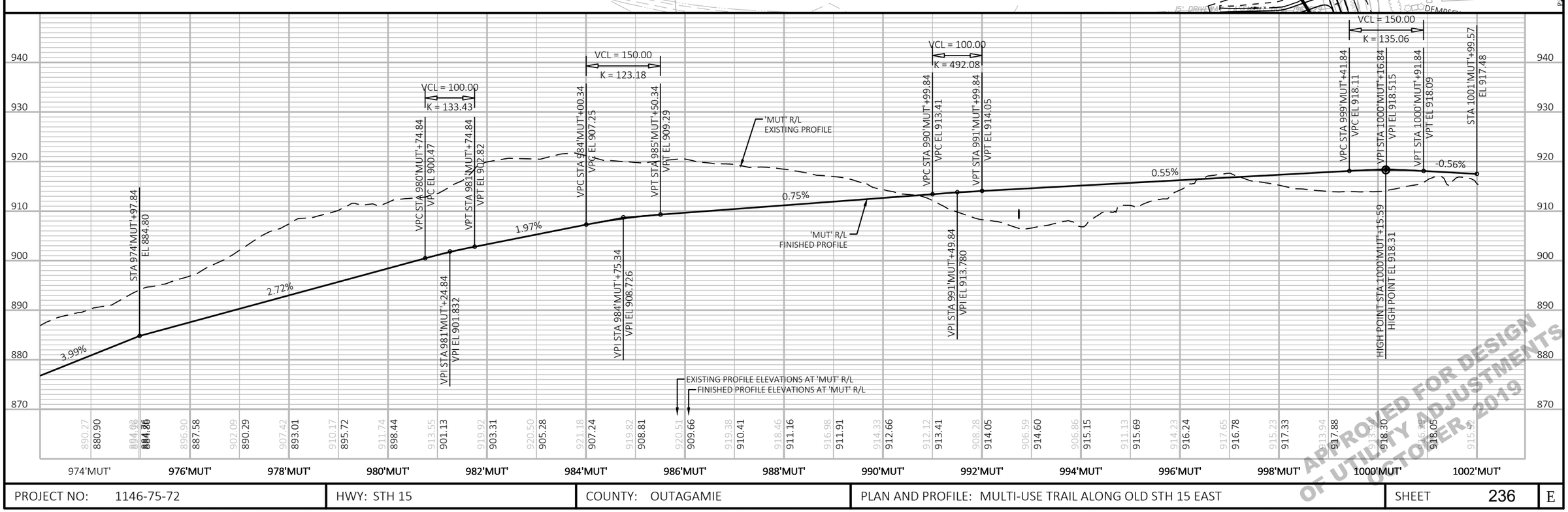


APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG OLD STH 15 EAST	SHEET 235	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050107-PP.DWG
LAYOUT NAME - MUT-01
PLOT DATE : 9/25/2019 9:46 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

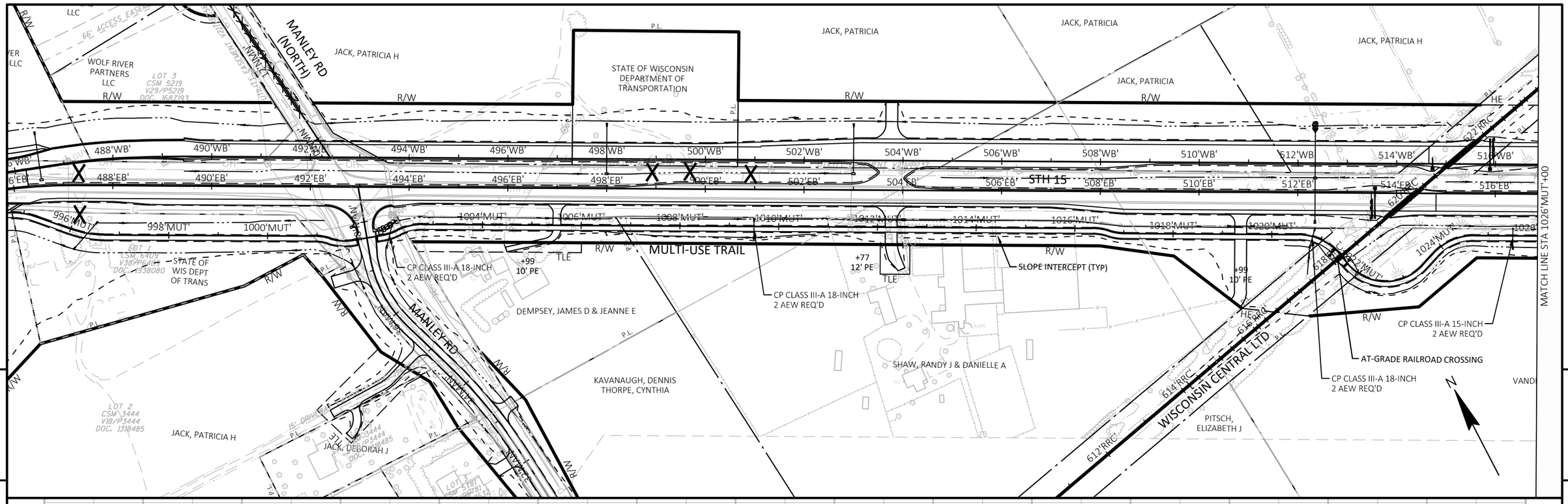


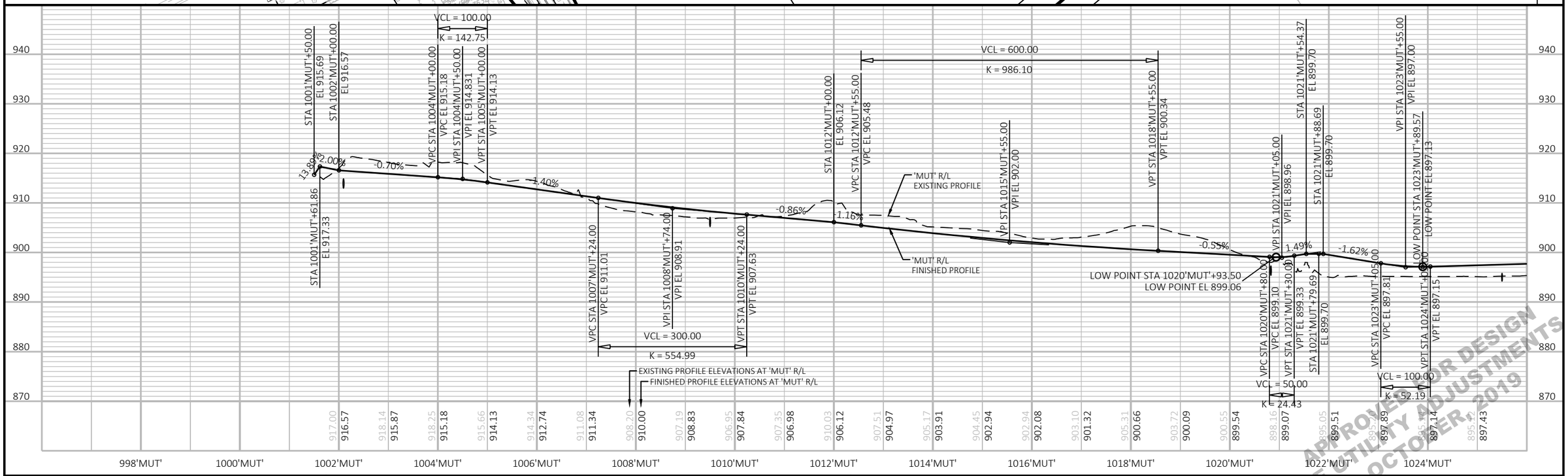


APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG OLD STH 15 EAST	SHEET 236	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050107-PP.DWG
LAYOUT NAME - MUT-02
PLOT DATE : 9/25/2019 9:48 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

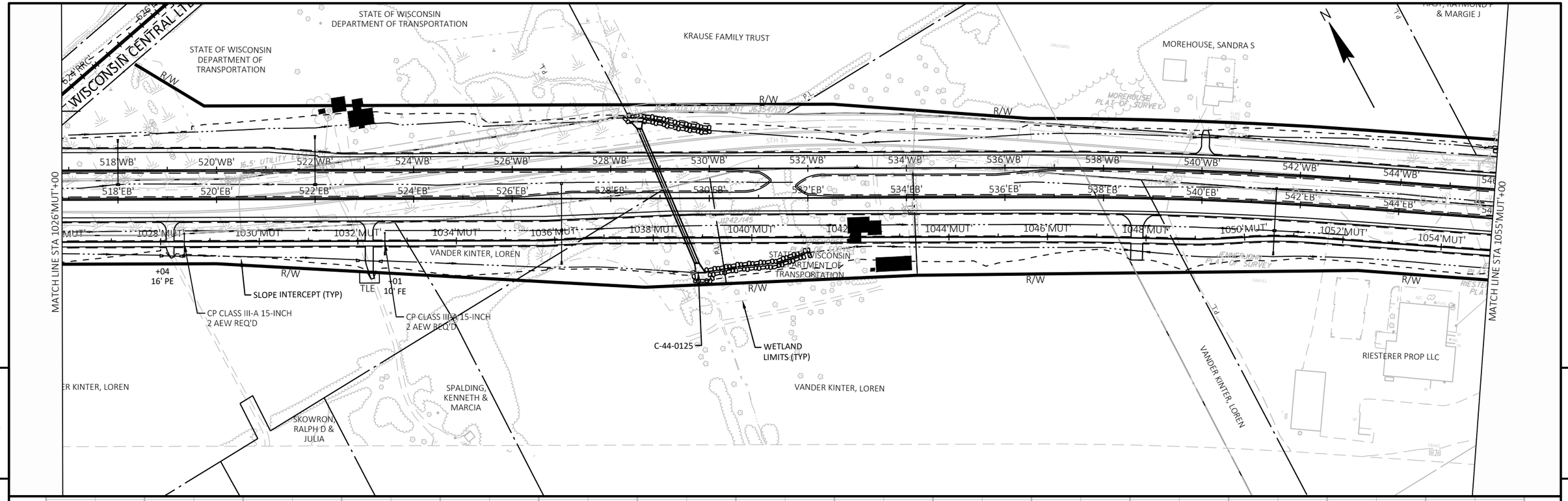


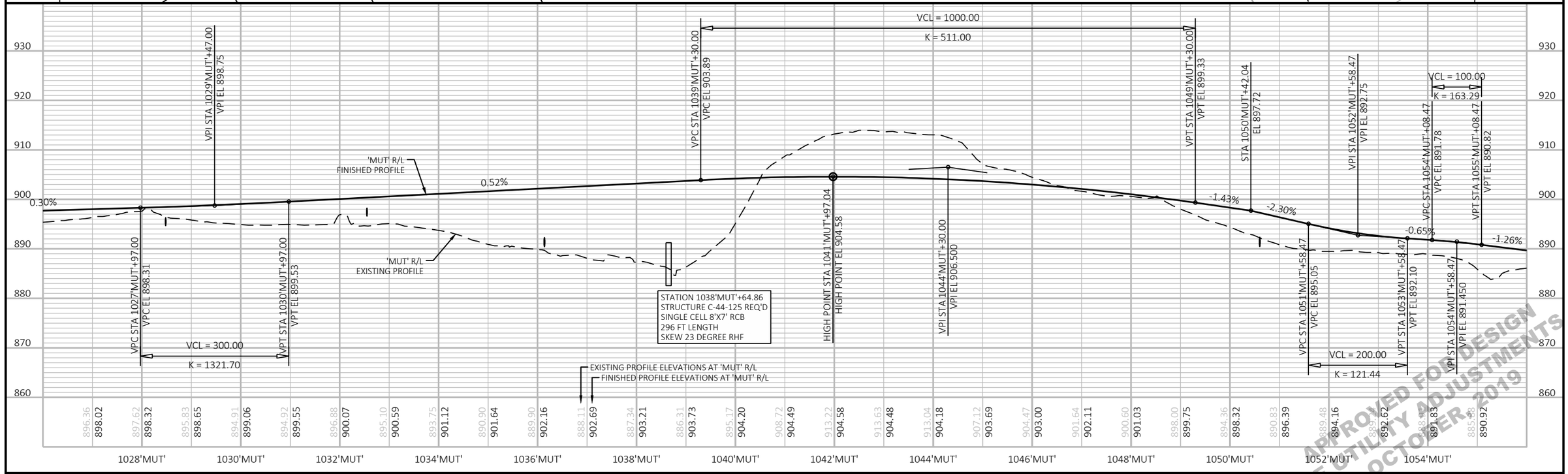


APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG STH 15	SHEET 237	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050108-PP.DWG
LAYOUT NAME - MUT-03
PLOT DATE : 9/25/2019 12:04 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44





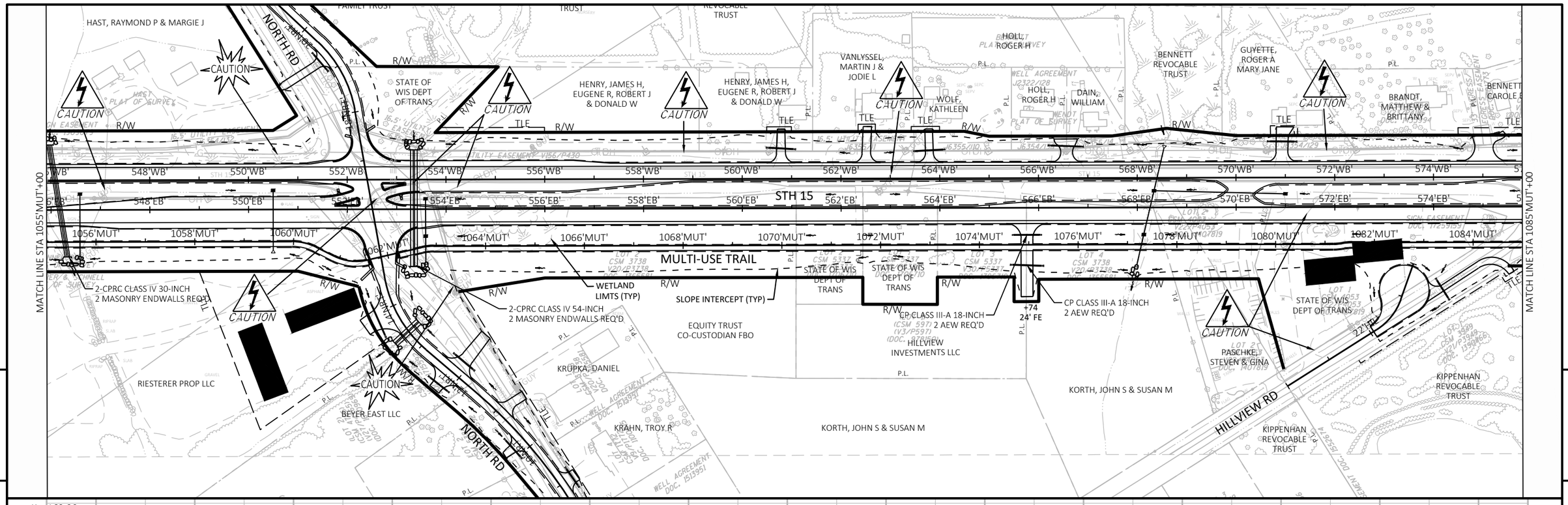
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

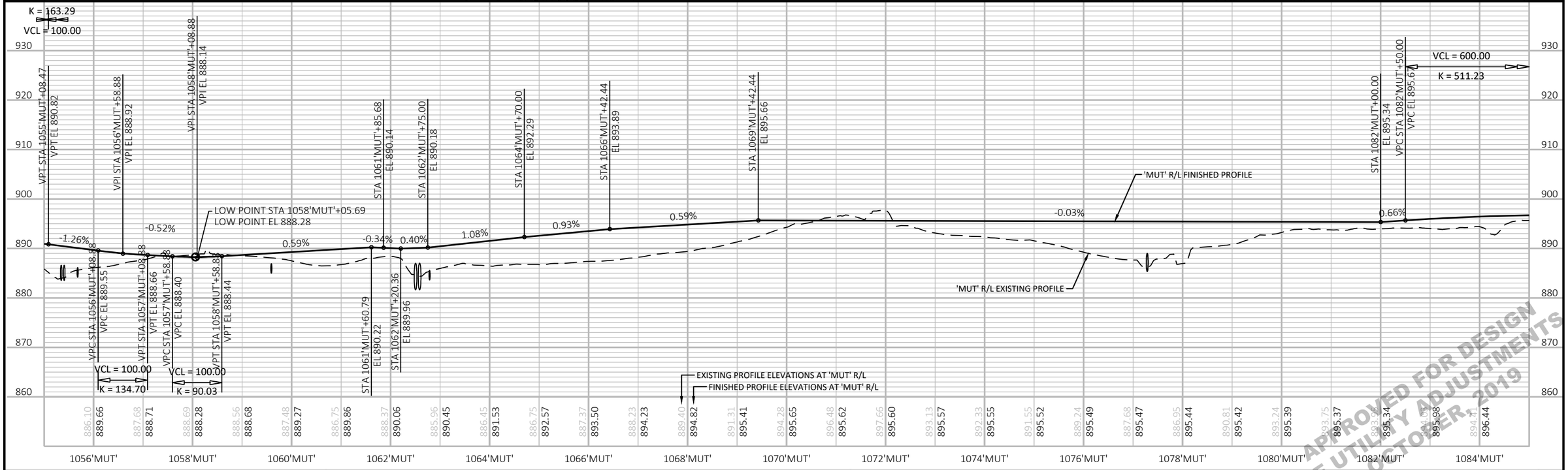
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG STH 15	SHEET 238	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050108-PP.DWG
LAYOUT NAME - MUT-04

PLOT DATE : 9/25/2019 12:07 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





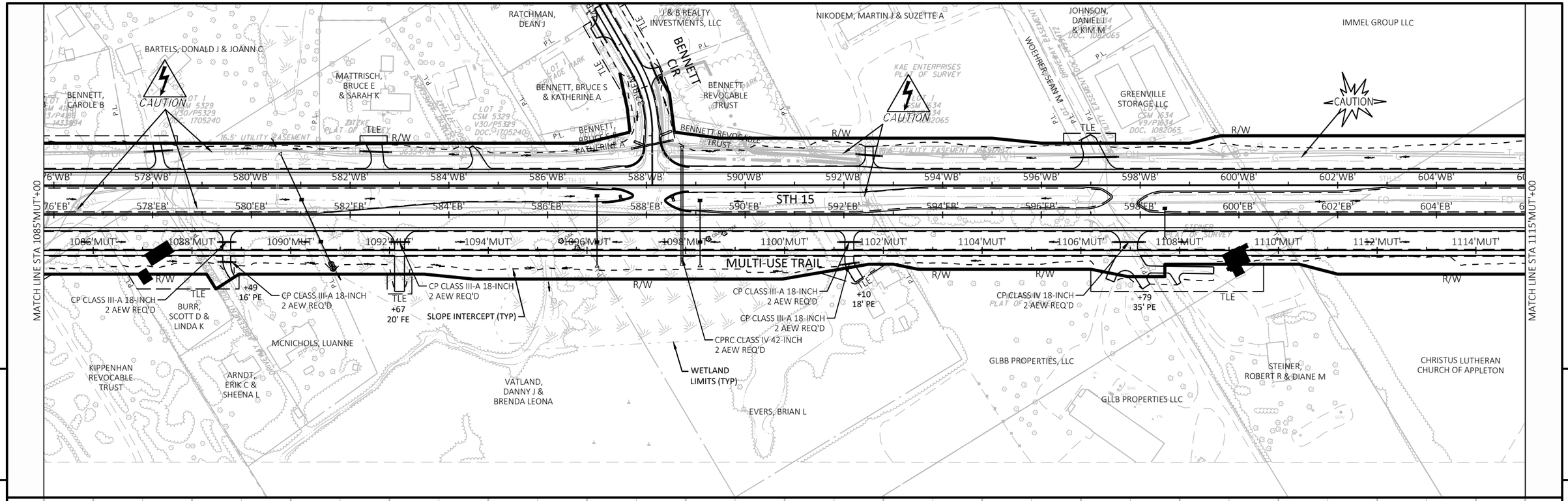
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG STH 15	SHEET 239	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050109-PP.DWG
LAYOUT NAME - MUT-05

PLOT DATE : 9/25/2019 11:54 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

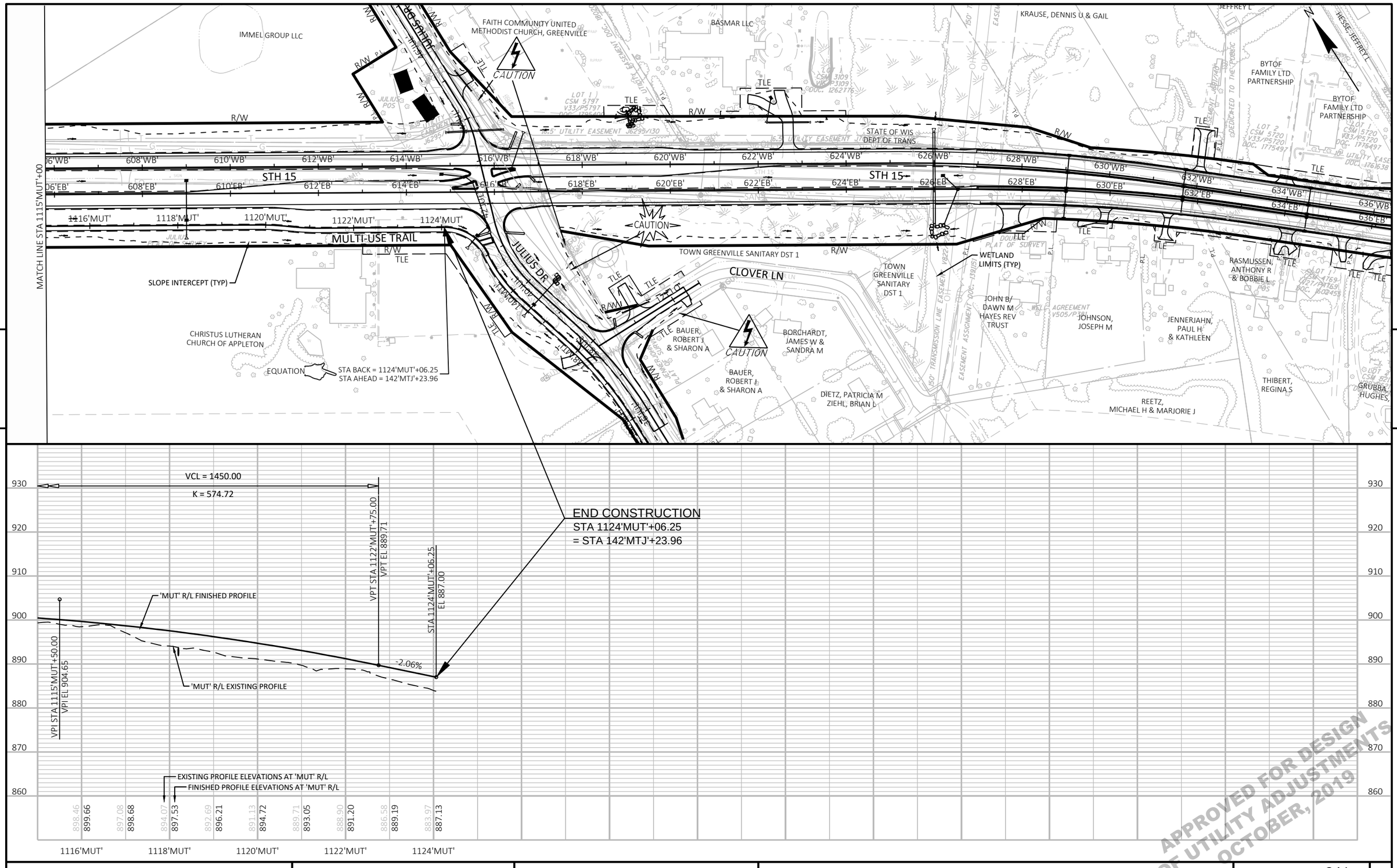
WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG STH 15	SHEET 240 E

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050109-PP.DWG
LAYOUT NAME - MUT-06
PLOT DATE : 9/25/2019 11:56 AM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

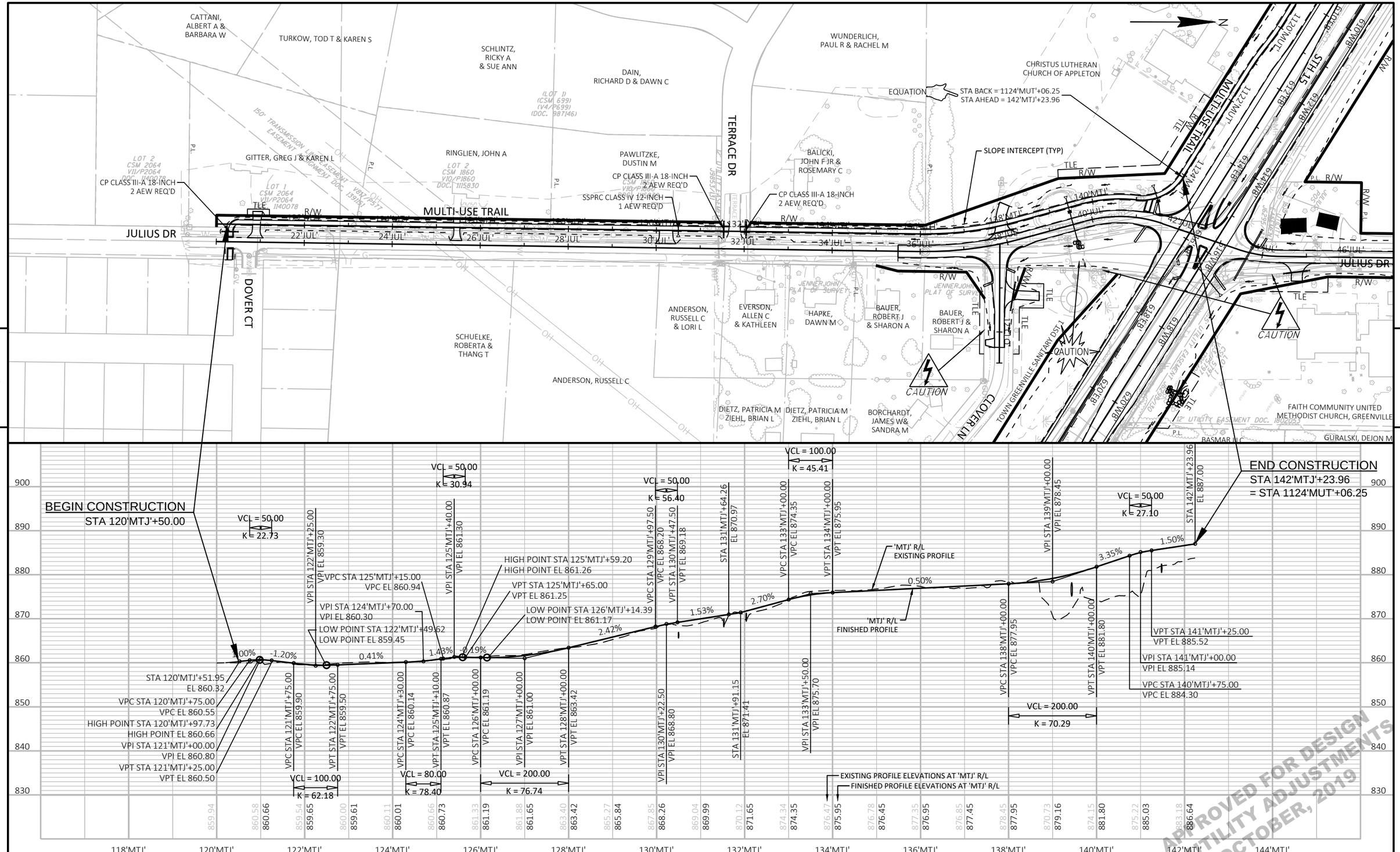


PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG STH 15	SHEET 241	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050109-PP.DWG
LAYOUT NAME - MUT-07

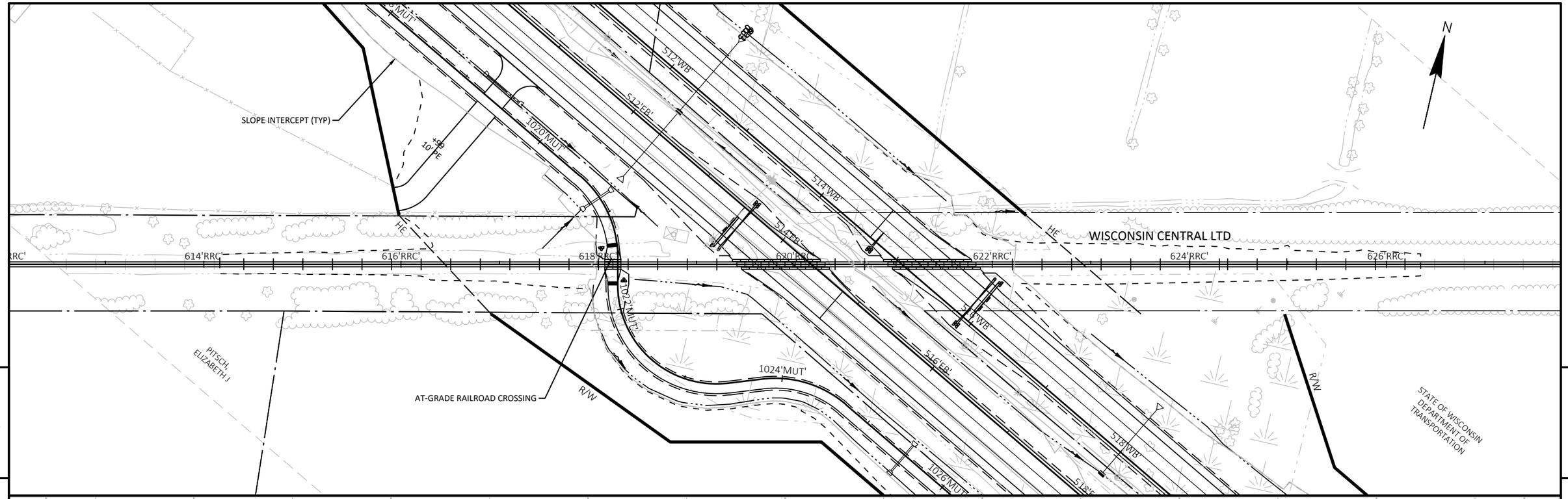
PLOT DATE : 9/25/2019 11:58 AM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:40 FT

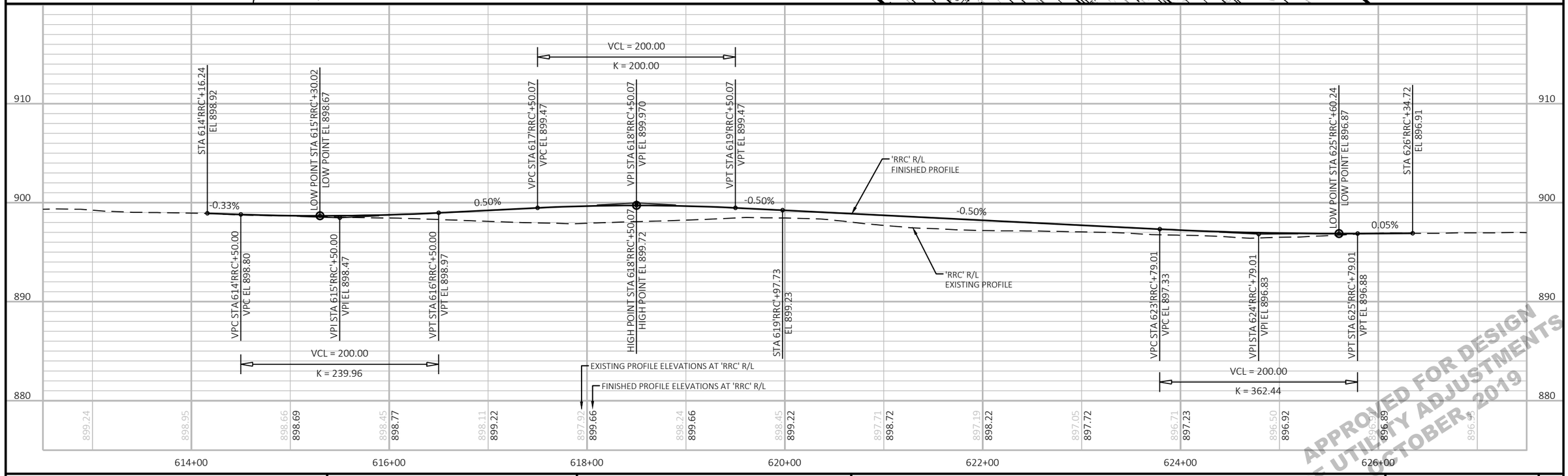
WISDOT/CADDS SHEET 44



PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: MULTI-USE TRAIL ALONG JULIUS DRIVE	SHEET 242	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050109-PP.DWG
LAYOUT NAME - MUT-Julius
PLOT DATE : 9/25/2019 12:00 PM
PLOT BY : MORGAN, MARC/MKE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



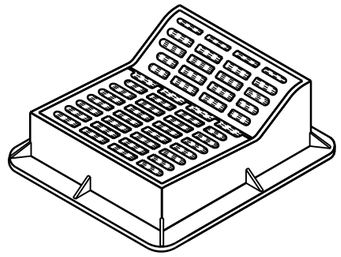


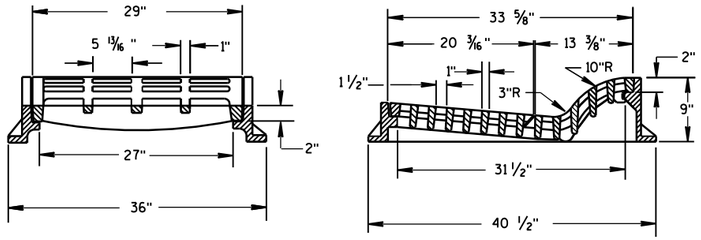
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PLAN AND PROFILE: WISCONSIN CENTRAL LTD	SHEET 243	E

FILE NAME : C:\PW_WORKDIR\DEN001\MM093804\D1086473\11467572-050110-PP.DWG
LAYOUT NAME - RRC-1

PLOT DATE : 9/25/2019 12:43 PM PLOT BY : MORGAN, MARC/MKE PLOT NAME : PLOT SCALE : 1 IN:100 FT

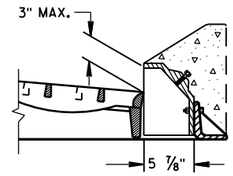
WISDOT/CADDS SHEET 44





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

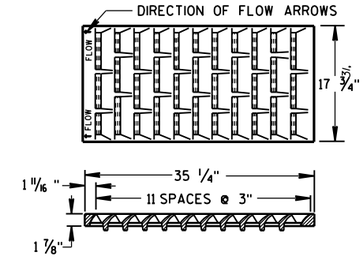
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

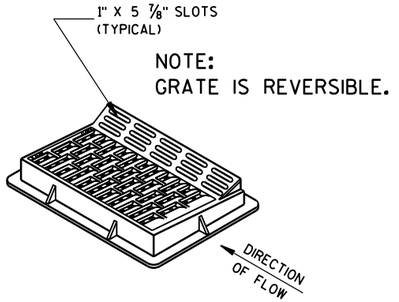
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

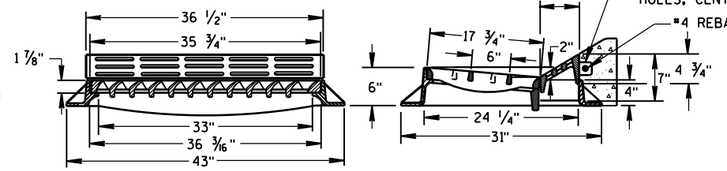
GENERAL NOTES

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

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



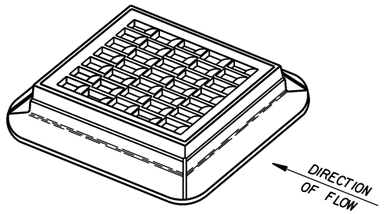


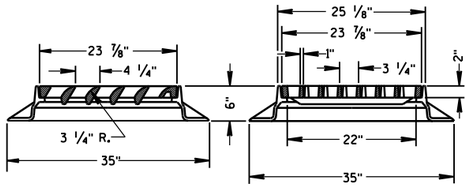


TYPE "HM"

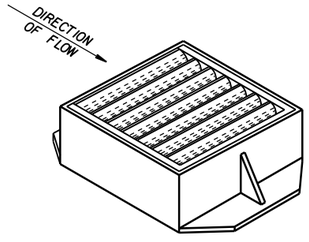
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

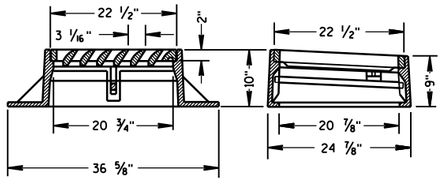
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



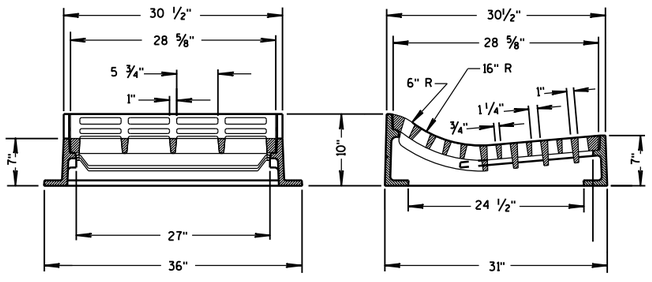


TYPE "S"



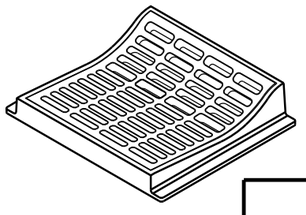


TYPE "V"



TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.



INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

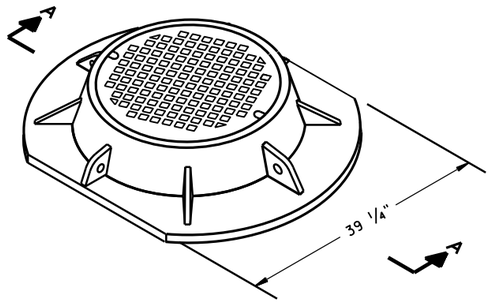
APPROVED
11/27/2013
DATE

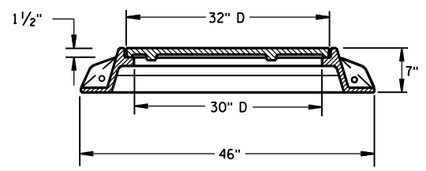
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

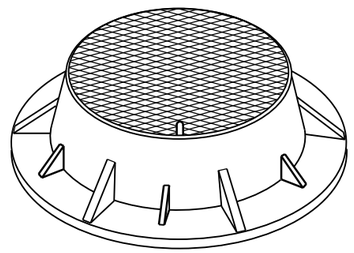
APPROVED FOR DESIGN OF FACILITY AS PROPOSED

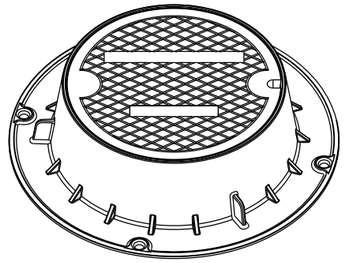
SDD 8a5-d Inlet Covers Type BW; Manhole Covers Type J, J-S, K, L and M

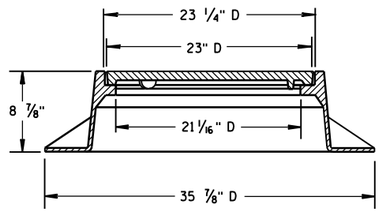


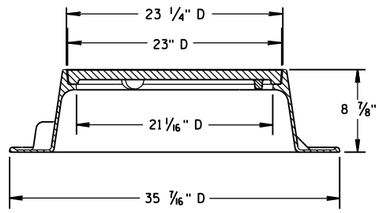


SECTION A-A
TYPE "K"









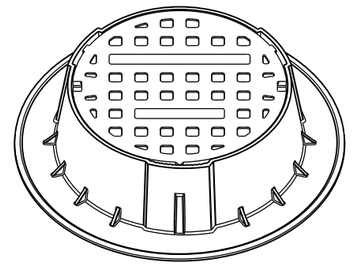
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

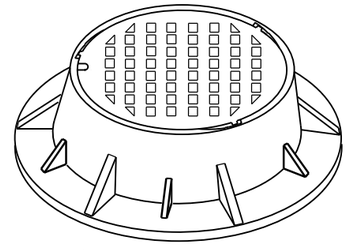
GENERAL NOTES

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

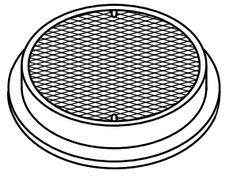
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

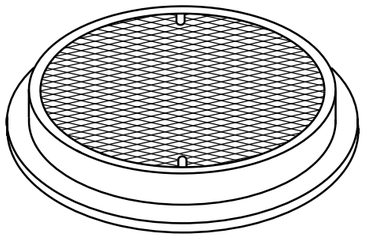
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

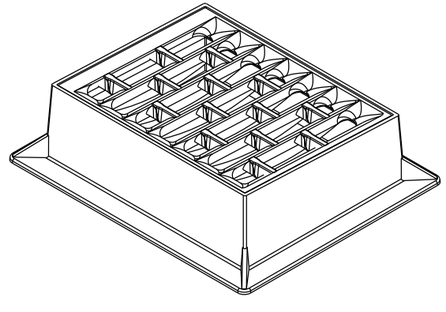


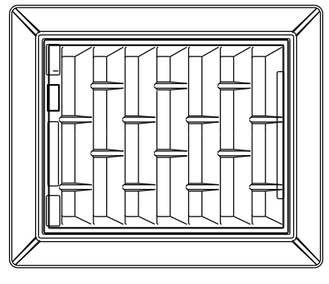


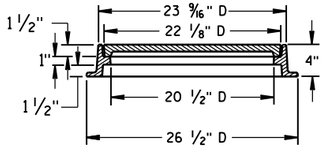
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



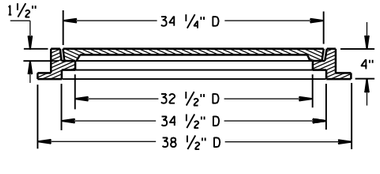




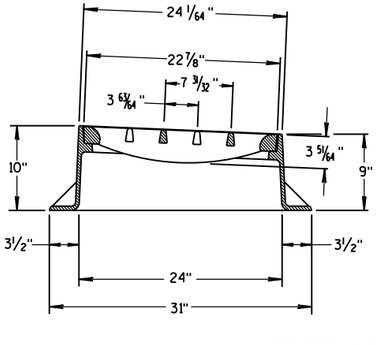


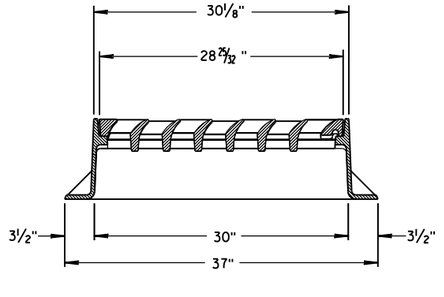


TYPE "L"



TYPE "M"





INLET COVER TYPE "BW"

INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
FHWA

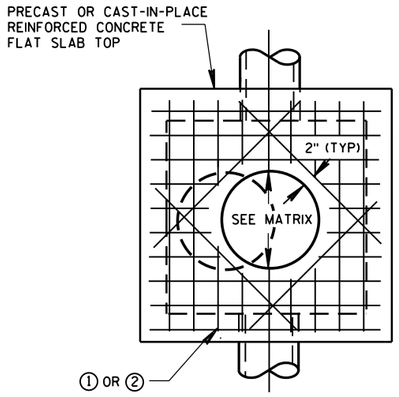
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

APPROVED FOR DESIGN OF TRAFFIC ASSIGNMENTS OCTOBER, 2013

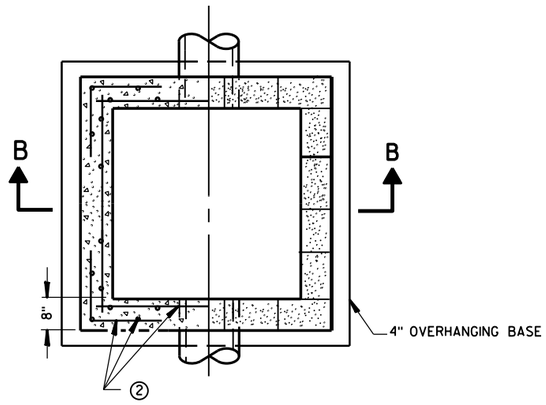
245

6
S.D.D. 8 A 5-19d

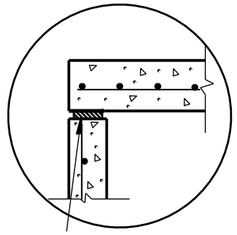
SDD 8b10 Manholes 3x3-FT, 4x4-FT, 5x5-FT, and 6x6-FT



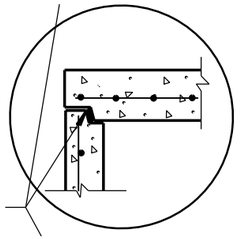
PLAN VIEW
CIRCULAR OPENING



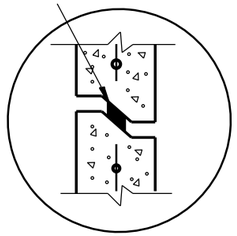
SECTION A-A
PLAN VIEW



TOP WITH PLAIN END JOINT

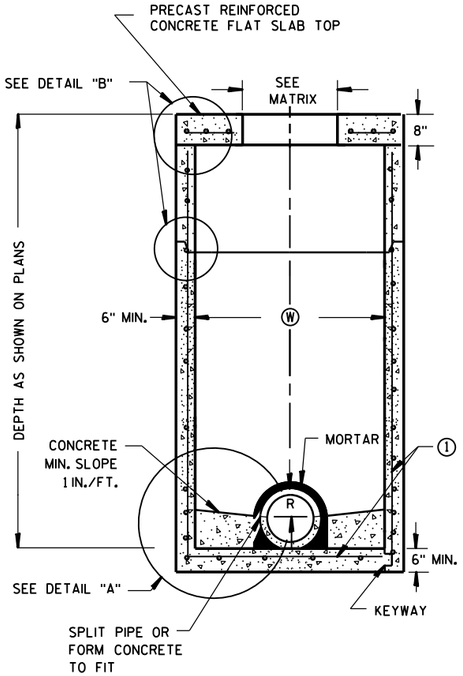


TOP WITH TONGUE AND GROOVE JOINT

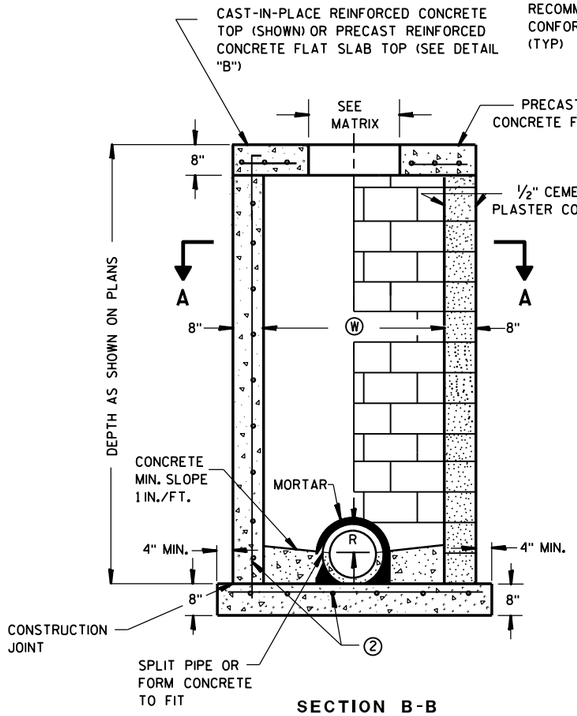


RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

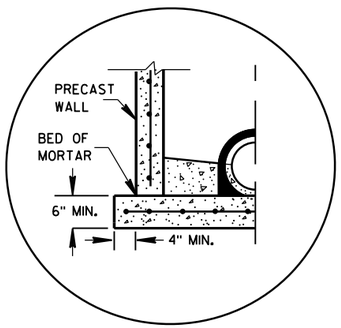


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

CAST-IN-PLACE REINFORCED CONCRETE

SECTION B-B

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN WIDTH.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "C". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

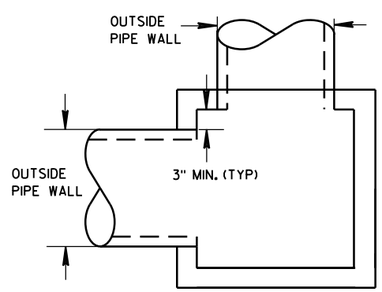
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (W) (IN)	LENGTH (L) (IN)
3X3-FT	24	24
4X4-FT	30	30
5X5-FT	42	42
6X6-FT	54	54



DETAIL "C"

SQUARE MANHOLES W/ FLAT TOP

MANHOLES 3X3-FT, 4X4-FT, 5X5-FT AND 6X6-FT

MANHOLES 3X3-FT, 4X4-FT
5X5-FT AND 6X6-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2016

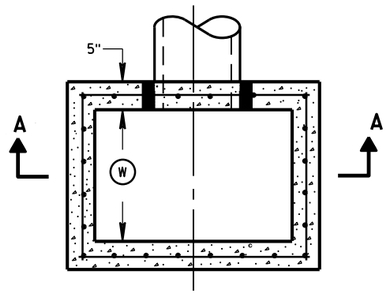
246

6

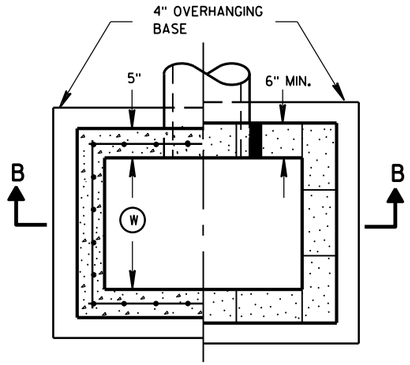
S.D.D. 8 B 10-2

6

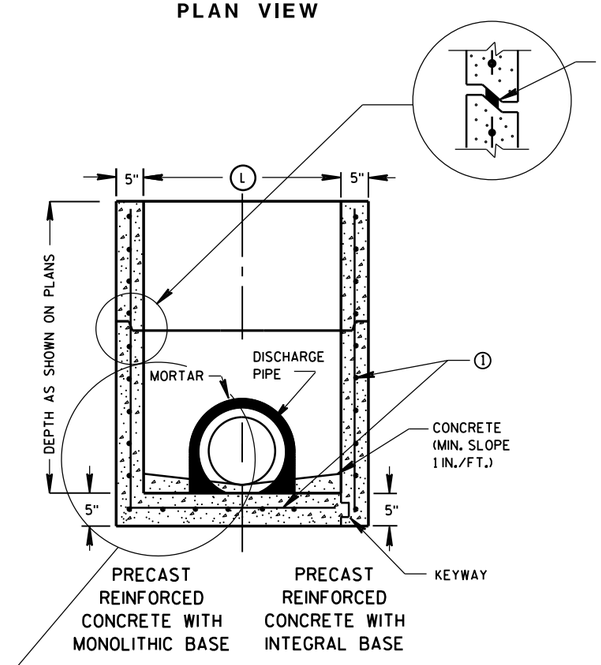
S.D.D. 8 B 10-2



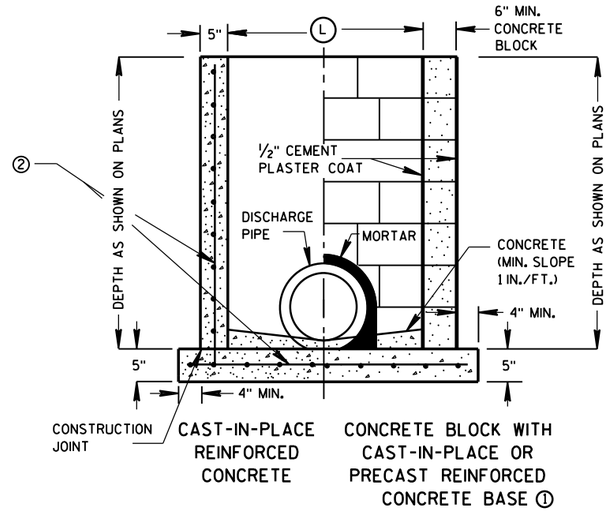
PLAN VIEW



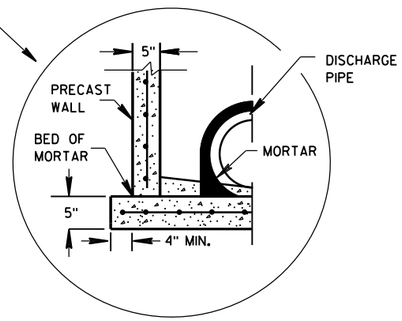
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

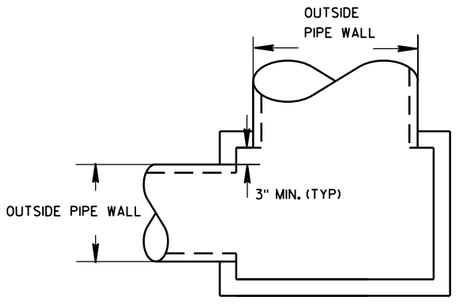
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

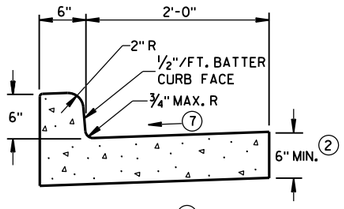
APPROVED
Sept., 2016
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

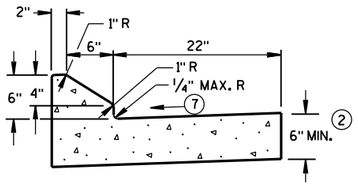
APPROVED FOR DESIGN OF TILE BY ADJUSTMENTS OCTOBER, 2016

6
S.D.D. 8 C 7-2

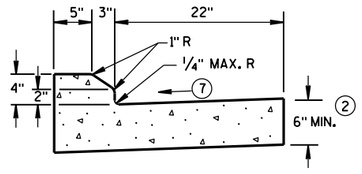
SDD 8d1-a Concrete Curb, Concrete Curb & Gutter



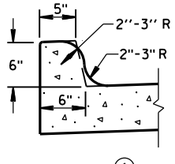
TYPES A (1) & D



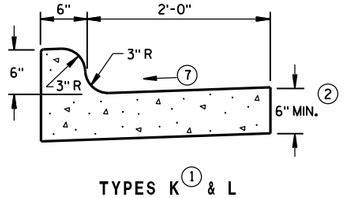
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

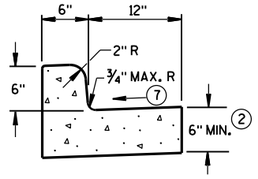


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



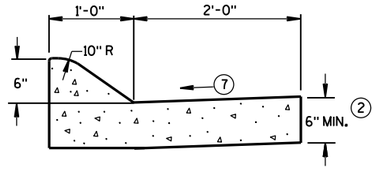
TYPES K (1) & L

CONCRETE CURB & GUTTER 30"

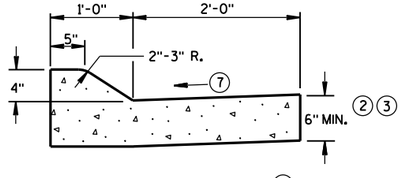


TYPES A (1) & D

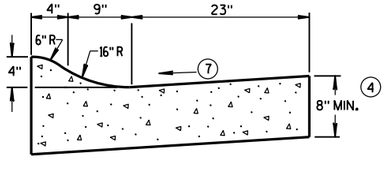
CONCRETE CURB & GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

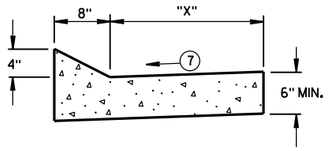


4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

CONCRETE CURB & GUTTER 36"



TYPES TBT & TBTT (1)

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

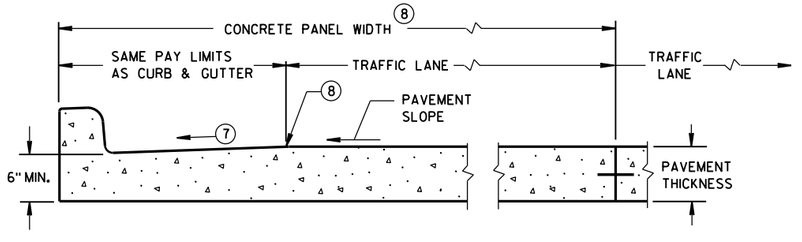
(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

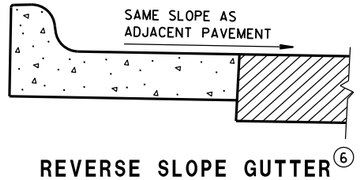
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB & GUTTER

* BIKE LANE IS NOT SHOWN.



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

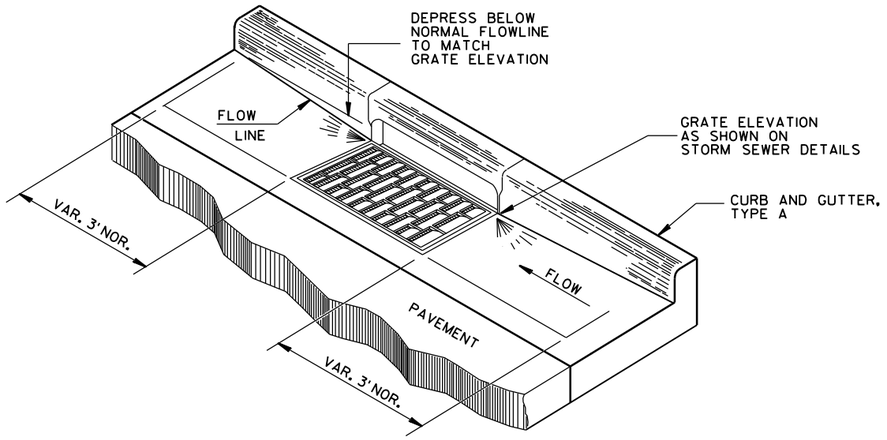
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

CONCRETE CURB & GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 8 D 1-20a

SDD 8d1-b Concrete Curb Ties and Curb & Gutter Applications



DETAIL OF CURB AND GUTTER AT INLETS

(TYPE H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

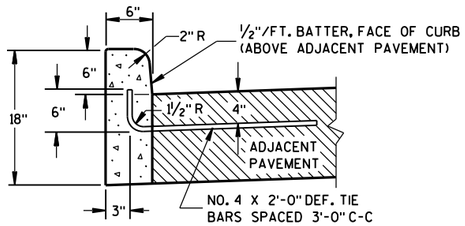
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

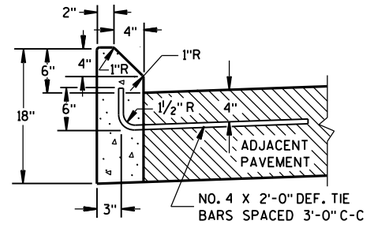
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(9) REFER TO SDD 8D18 AND SDD 8D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

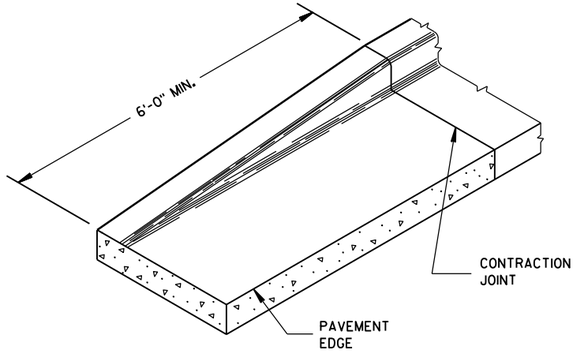


TYPES A (1) & D

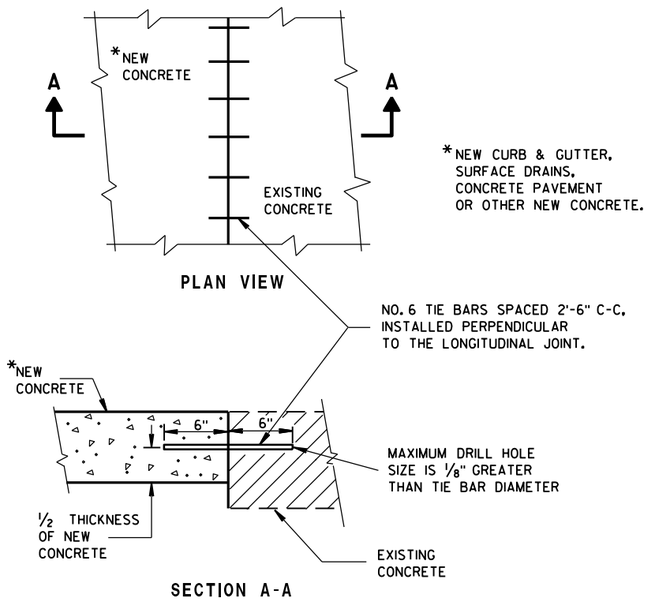


TYPES G (1) & J

CONCRETE CURB

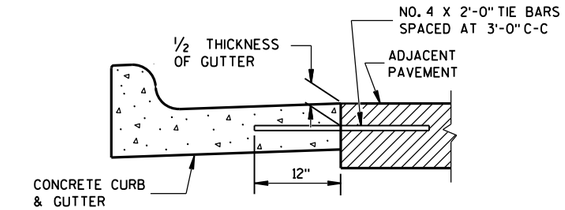


END SECTION CURB & GUTTER

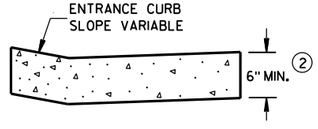


SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (9)

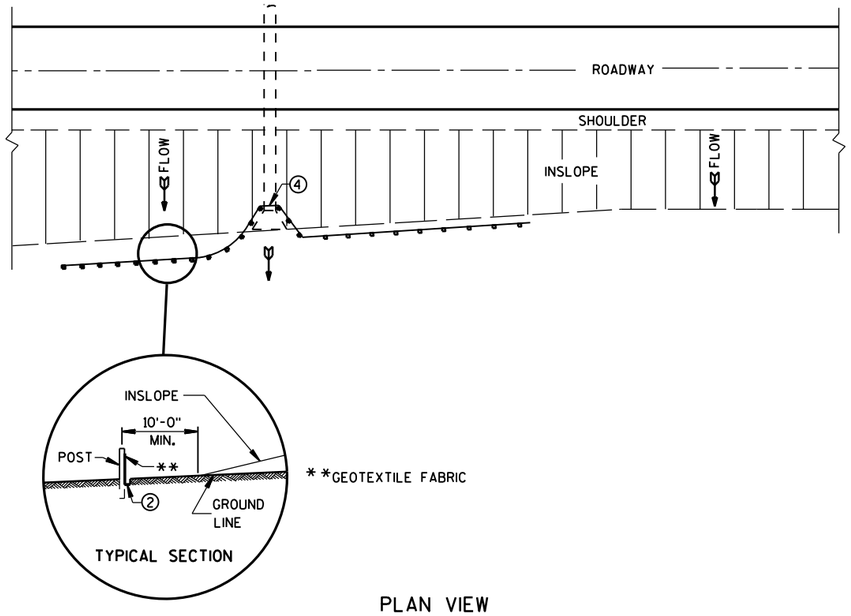
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June, 2017 DATE FHWA	/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

APPROVED FOR DESIGN
OPTIONALITY ADJUSTMENTS
OCTOBER, 2019

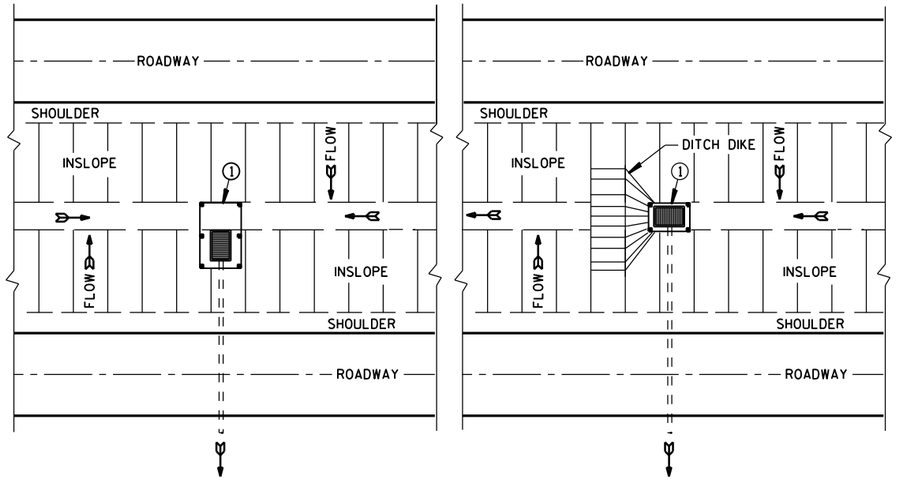
6
S.D.D. 8 D 1-20b

SDD 8e9 Silt Fence



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

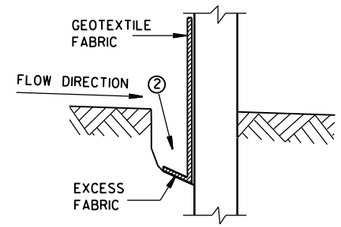
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

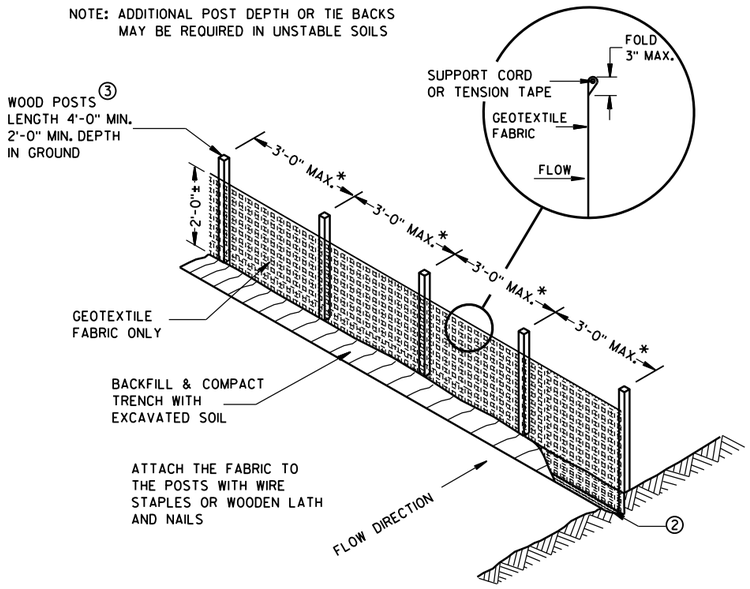
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

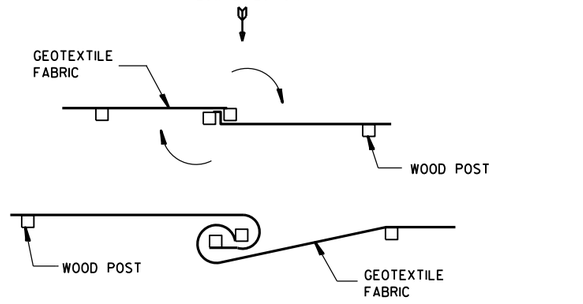


TRENCH DETAIL

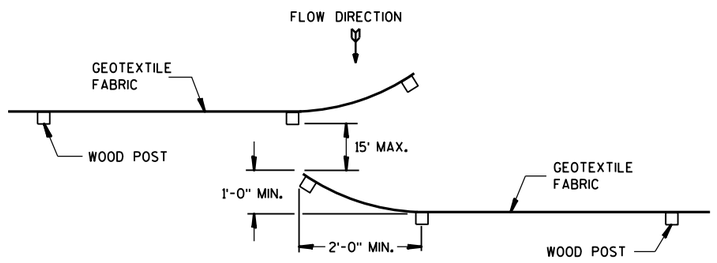


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

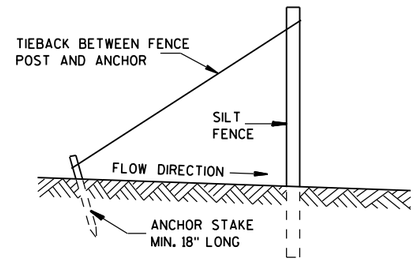


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER 2019

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4-29-05 DATE	/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

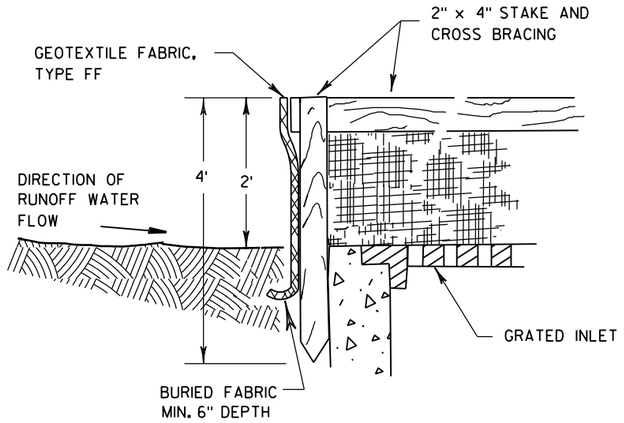
6

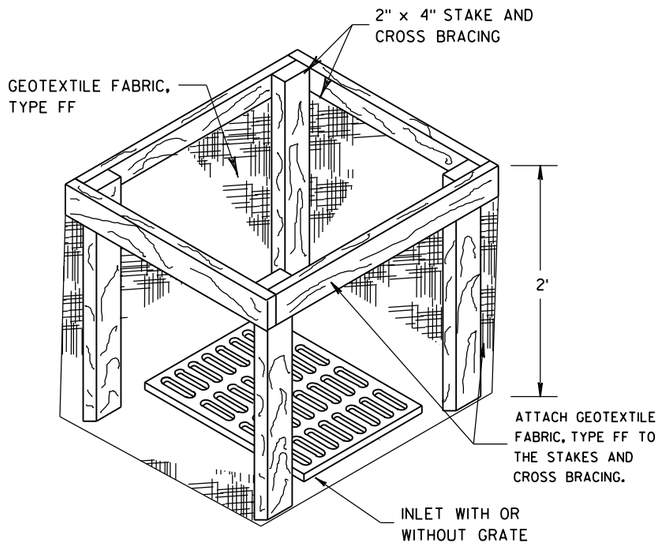
S.D.D. 8 E 9-6

6

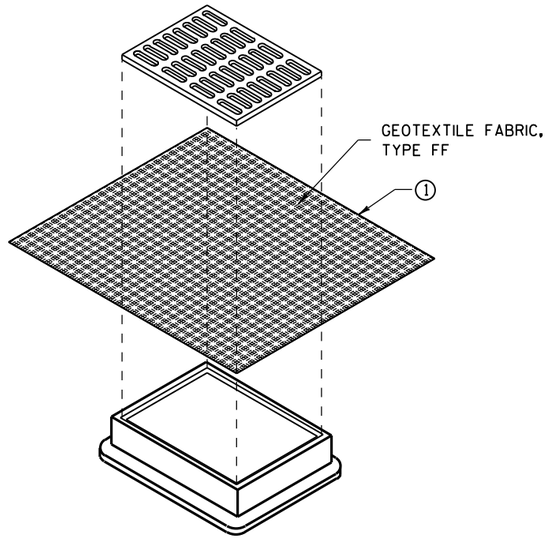
S.D.D. 8 E 9-6

SDD 8e10 Inlet Protection Type A, B, C and D

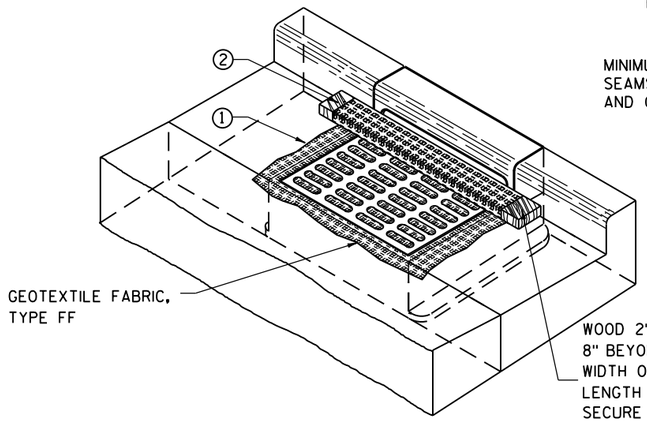




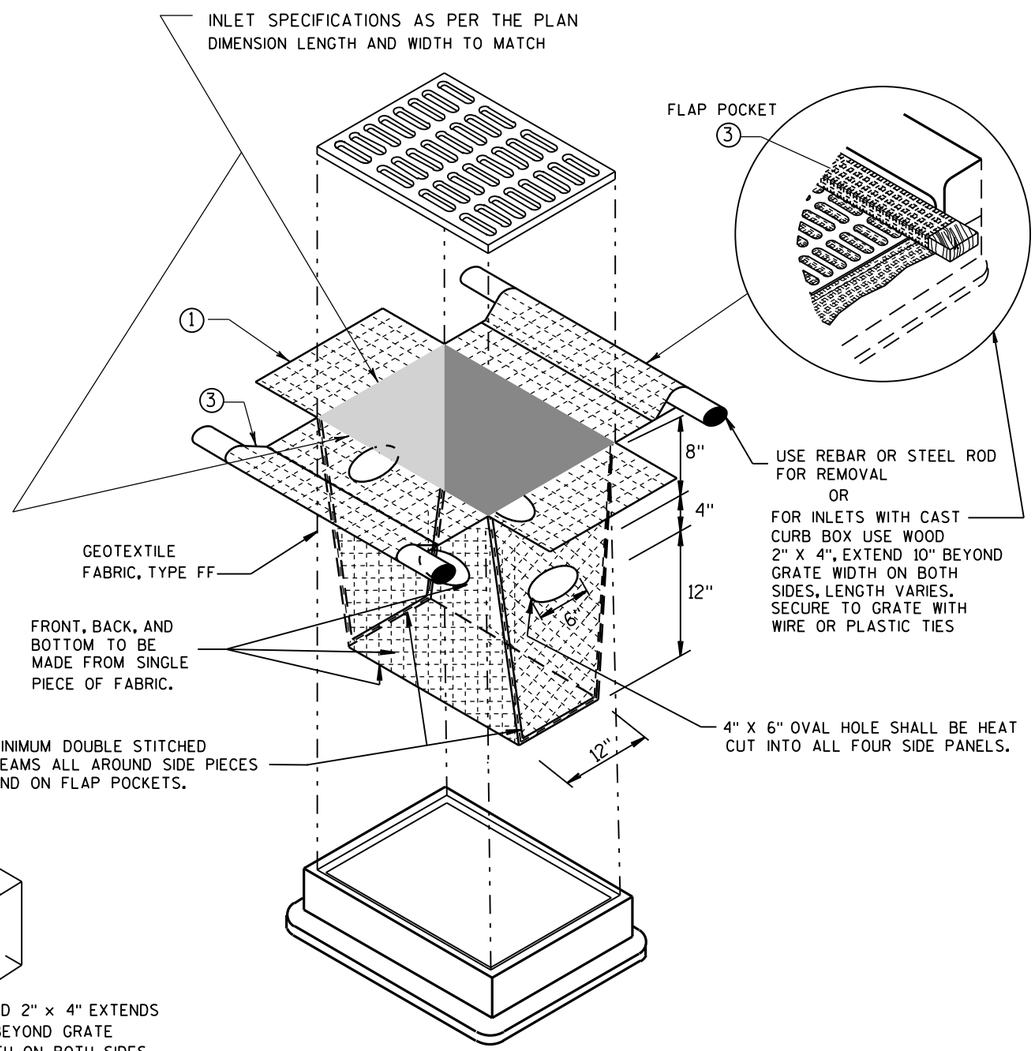
INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D
(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10-16-02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

6

S.D.D. 8 E 10-2

SDD 8f1 Apron Endwalls for Culvert Pipe

METAL APRON ENDWALLS

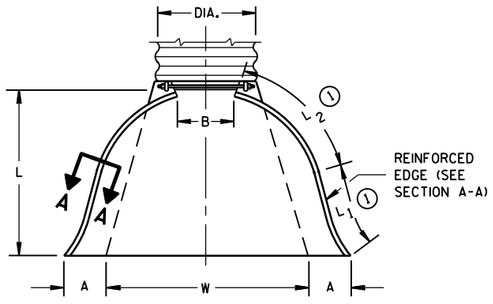
PIPE DIA. (IN.)	MIN. THICK. (inches)		DIMENSIONS (inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L_1 ①	L_2 ①	W (±2")		
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

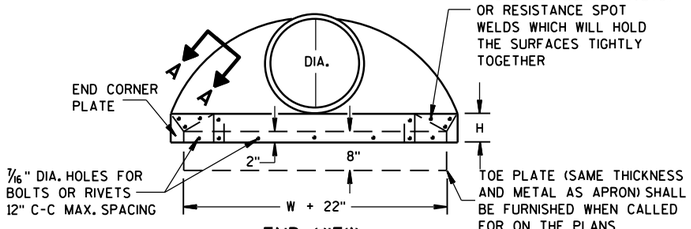
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (inches)							APPROX. SLOPE
	T	A	B	C	D	E	G	
12	2	4	24	48 7/8	72 7/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - 30 **	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

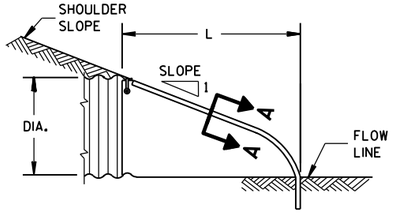
*MINIMUM
**MAXIMUM



PLAN VIEW

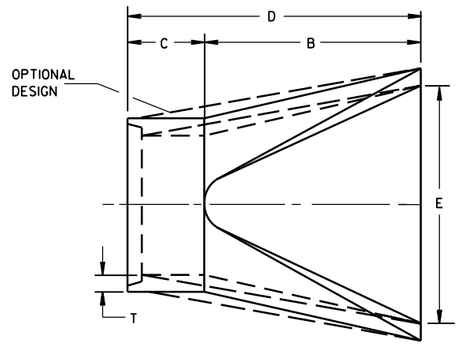


END VIEW

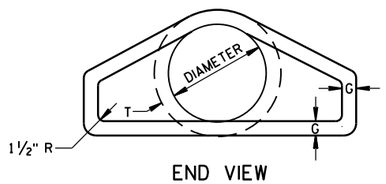


SIDE ELEVATION

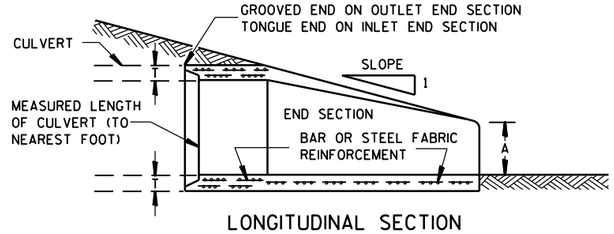
METAL ENDWALLS



PLAN

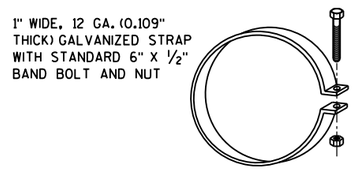


END VIEW



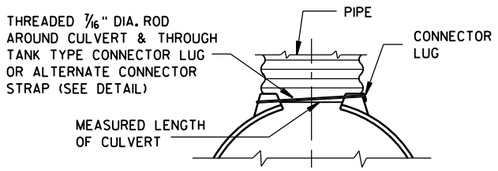
LONGITUDINAL SECTION

CONCRETE ENDWALLS

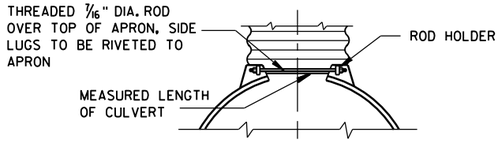


ALTERNATE FOR TYPE 1 CONNECTION

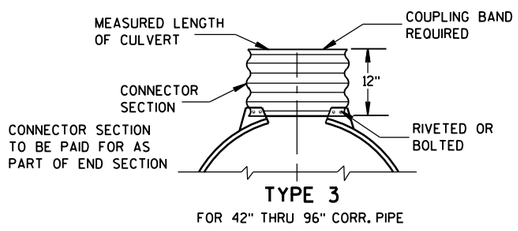
END SECTION CONNECTOR STRAP



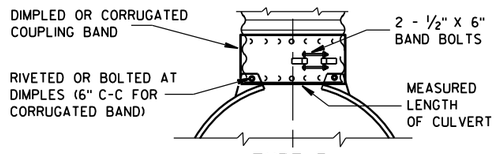
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

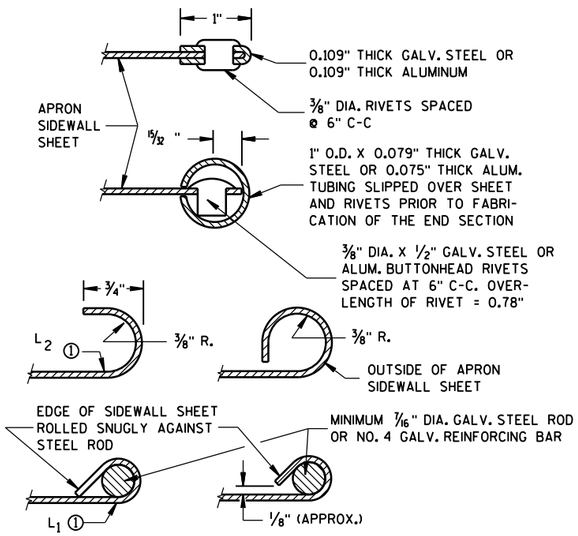
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

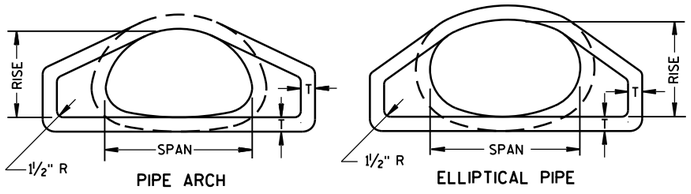
APPROVED
8-30-94
DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

APPROVED FOR DESIGN OF ENTITY ADJUSTMENTS OCTOBER, 2019

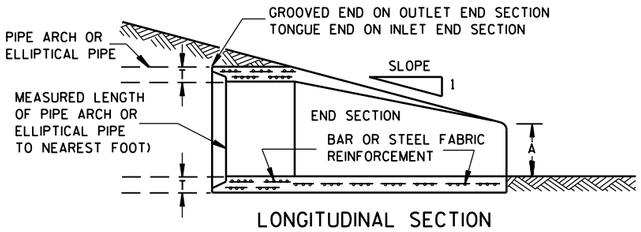
6

S.D.D. 8 F 1-11

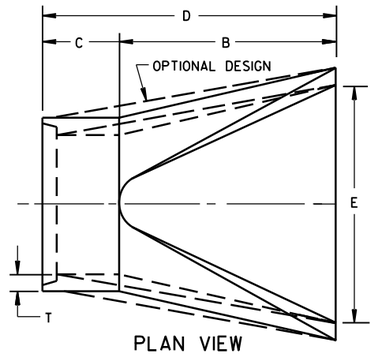
SDD 8f2 Apron Endwalls for Pipe Arch and Elliptical Pipe



END VIEW

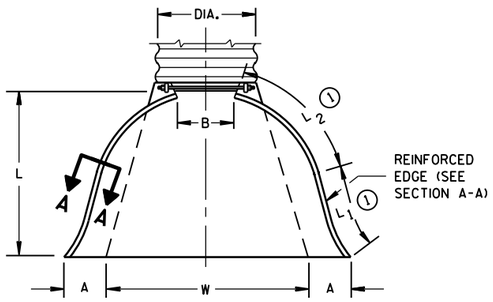


LONGITUDINAL SECTION

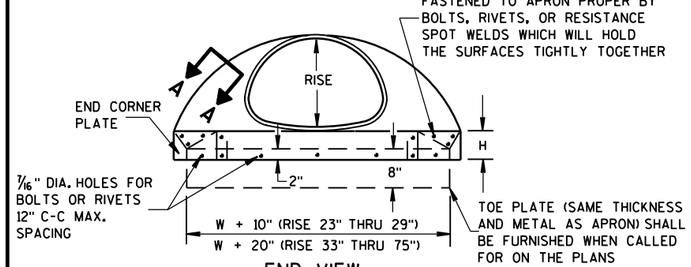


PLAN VIEW

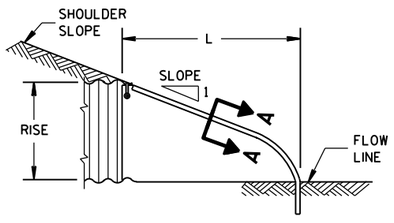
CONCRETE ENDWALLS



PLAN VIEW

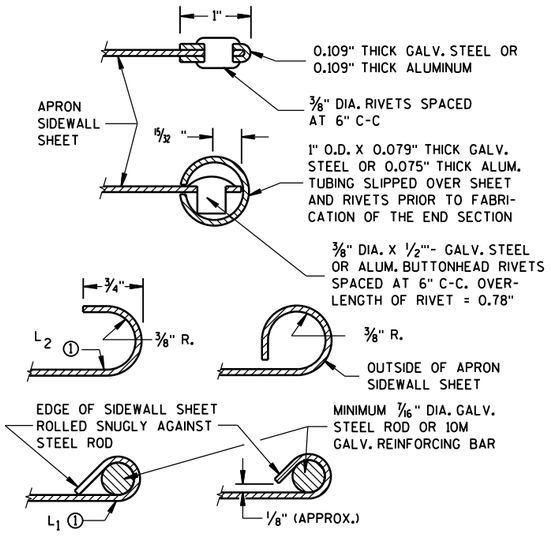


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19 3/8	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37 5/8	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45 3/8	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

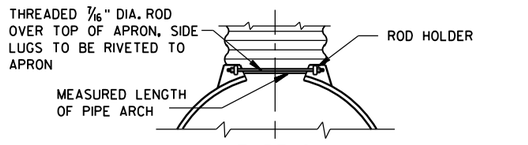
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

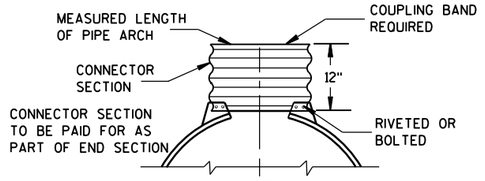
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



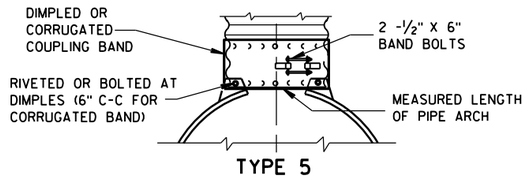
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

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

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 11-30-94 (DATE)
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 1994

252

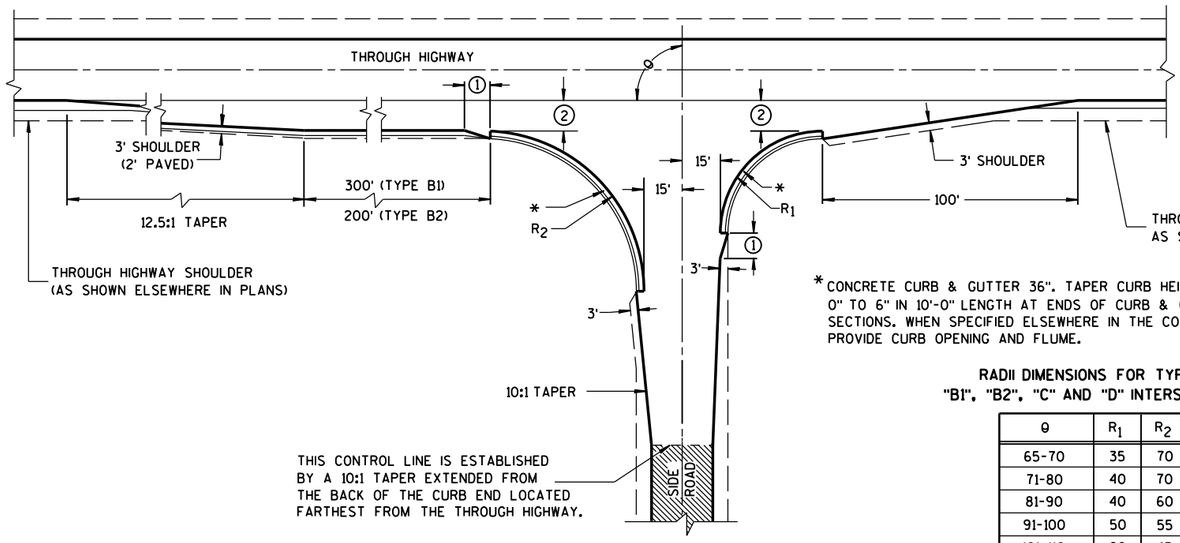
6

S.D.D. 8 F 2-1

6

S.D.D. 8 F 2-1

SDD 9a1-a At-Grade Side Road Intersection, Types B1, B2, C and D and Tee Intersection Bypass Lane

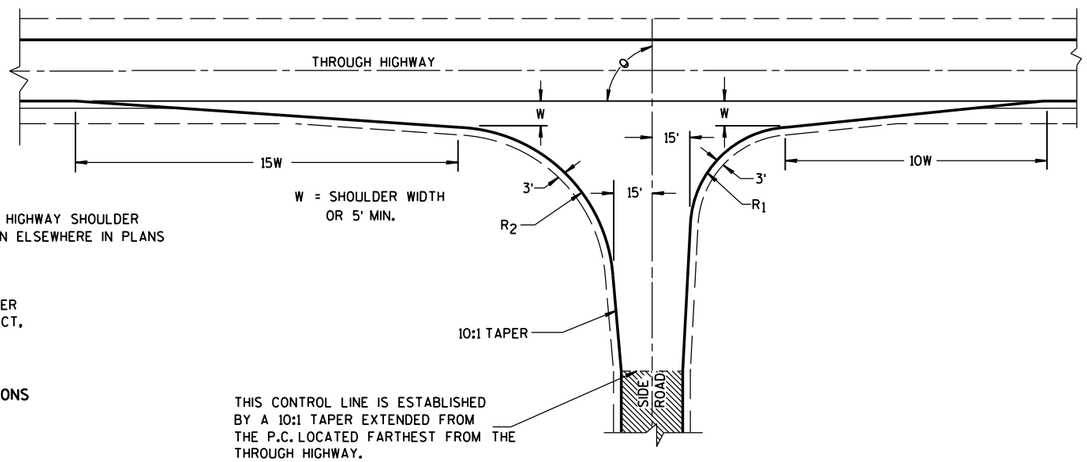


TYPE "B1" AND "B2"

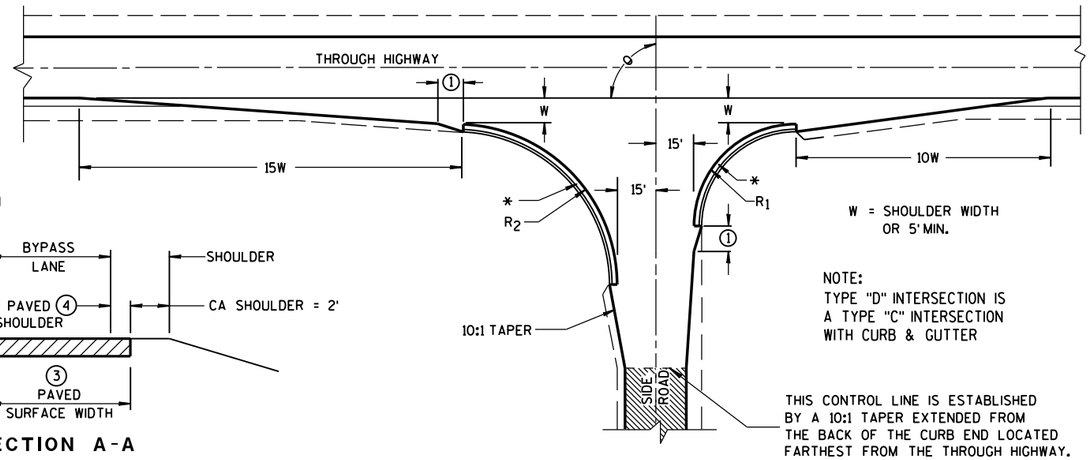
* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65-70	35	70
71-80	40	70
81-90	40	60
91-100	50	55
101-110	60	45



TYPE "C"



TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

EXISTING PAVED SURFACE

BYPASS LANE

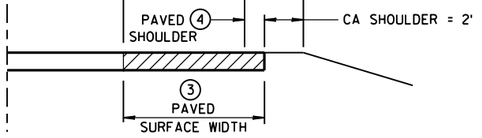
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

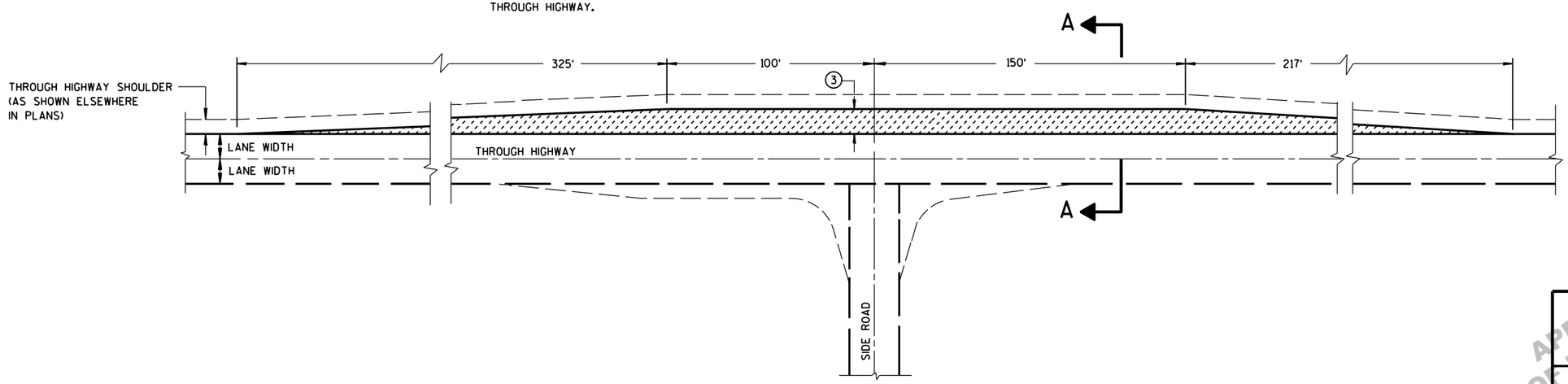
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
-PC CPNCRETE = 13-FT PLUS PAVED SHOULDER WIDTH.

(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



TEE INTERSECTION BYPASS LANE DETAIL

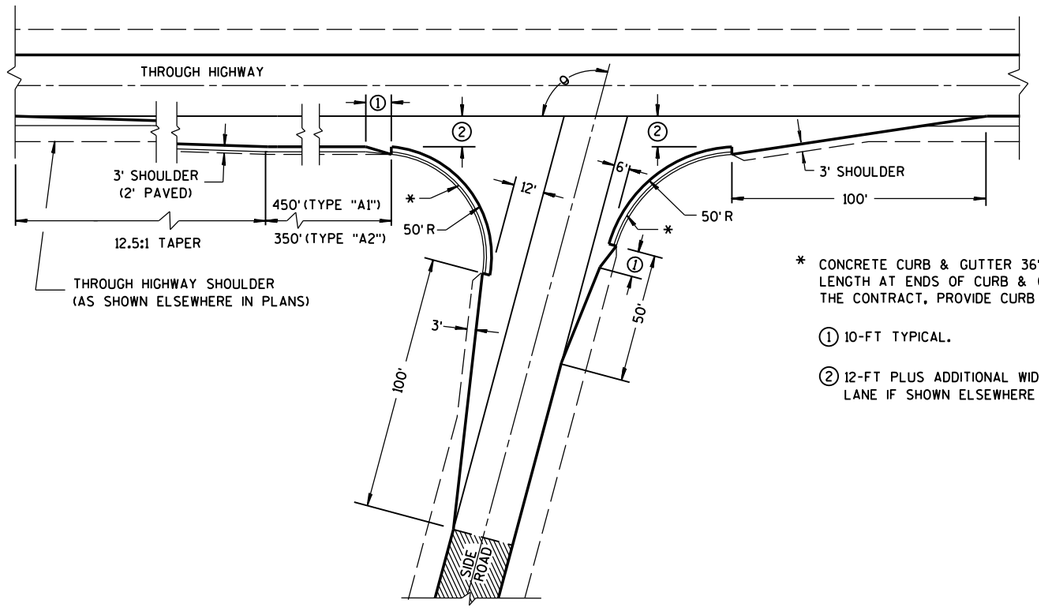
AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER 2019

6
S.D.D. 9 A 1-13a

SDD 9a1-b At-Grade Side Road Intersection, Type A1 and A2



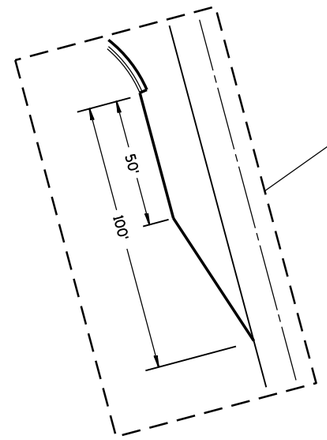
θ = MORE THAN 80°

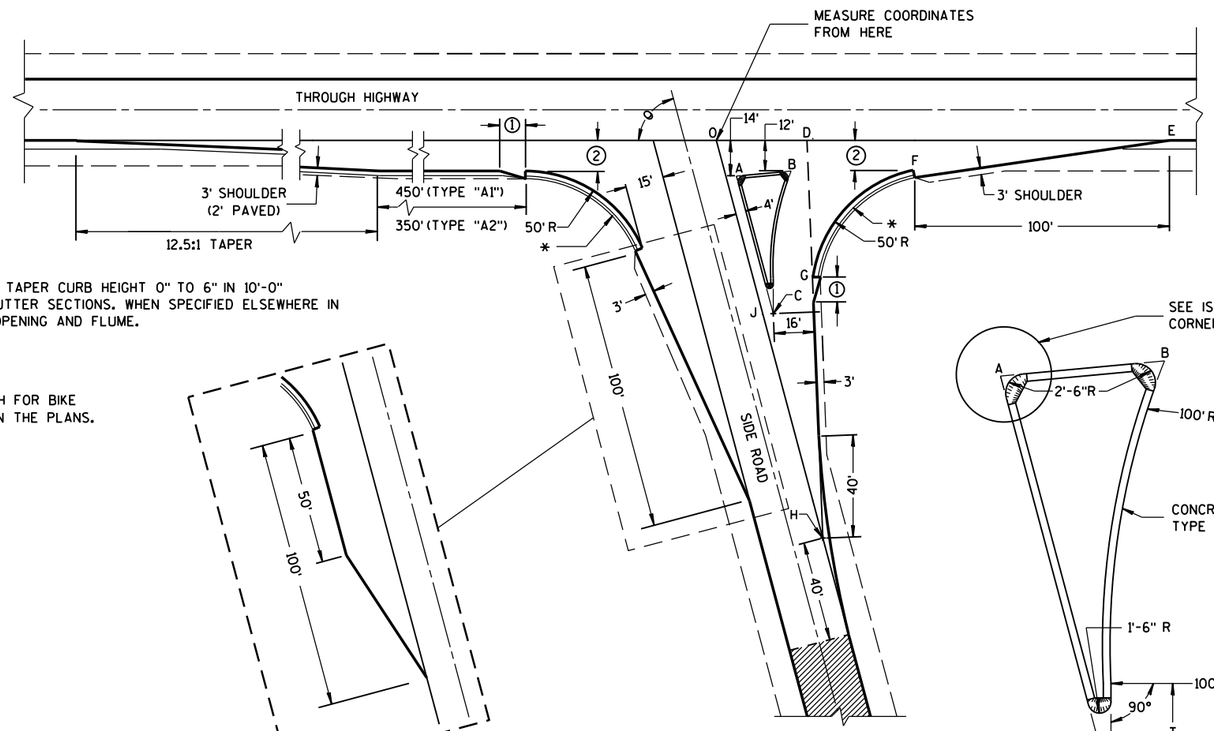
* CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

① 10-FT TYPICAL.

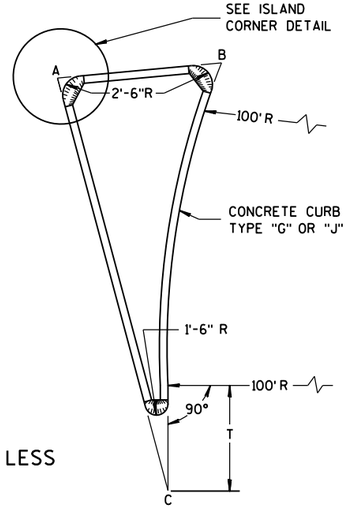
② 12-FT PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLANS.

EXISTING PAVED SURFACE

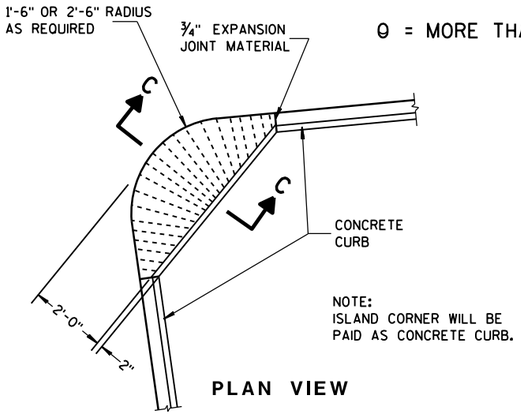




θ = ACUTE ANGLES 80° OR LESS

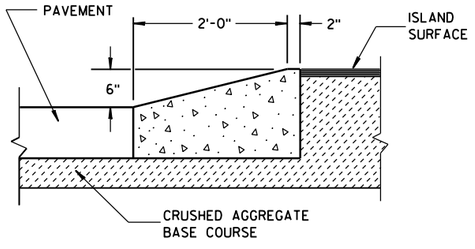


SIDE ROAD WIDENING AND TAPER REQUIRED WHERE THE THROUGH HIGHWAY CARRIES TWO-WAY TRAFFIC
θ = ACUTE ANGLES 70° OR LESS



NOTE:
ISLAND CORNER WILL BE PAID AS CONCRETE CURB.

PLAN VIEW



SECTION C-C

ISLAND CORNER DETAIL

(TO BE CONSTRUCTED AT ALL ISLAND CORNERS)

TABLE OF DIMENSIONS FOR
VARIABLE SIDE ROAD INTERSECTION ANGLES
(INTERPOLATE VALUES FOR ANGLES NOT SHOWN)

ANGLE θ DEGREES	COORDINATES IN FEET (MEASURED FROM POINT "O") X/Y								LENGTH IN FEET				
	A	B	C	D	E	F	G	H	AB	AC	T	OJ	OH
60	12.7 / -14.0	44.9 / -12.0	46.4 / -72.4	41.9 / 0.0	205.0 / 0.0	104.6 / -12.0	64.0 / -75.5	85.0 / -147.1	32.3	67.4	4.9	85.9	169.9
65	10.9 / -14.0	39.0 / -12.0	37.8 / -71.6	39.4 / 0.0	196.1 / 0.0	95.7 / -12.0	54.1 / -71.5	70.5 / -151.3	28.2	63.6	8.5	80.9	166.9
70	9.4 / -14.0	33.9 / -12.0	29.8 / -70.1	37.4 / 0.0	188.3 / 0.0	87.8 / -12.0	45.6 / -67.5	56.1 / -154.2	24.6	59.7	11.5	76.1	164.1
75	7.9 / -14.0	29.3 / -12.0	22.3 / -67.9	35.7 / 0.0	181.2 / 0.0	80.7 / -12.0	38.2 / -63.4	41.8 / -155.9	21.5	55.8	13.8	71.4	161.4
80	6.5 / -14.0	25.4 / -12.0	15.6 / -65.2	34.4 / 0.0	174.8 / 0.0	74.4 / -12.0	31.8 / -59.3	27.6 / -156.5	18.9	52.0	15.6	66.9	158.9

TYPE "A1" & "A2" SIDE ROAD INTERSECTION DETAILS

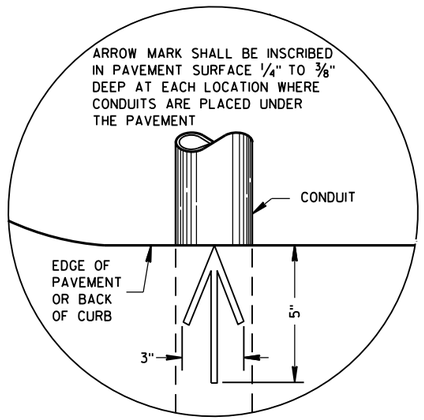
AT-GRADE SIDE ROAD
INTERSECTION, TYPE "A1" & "A2"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/18/12
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2012



PLAN VIEW

ARROW MARK

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

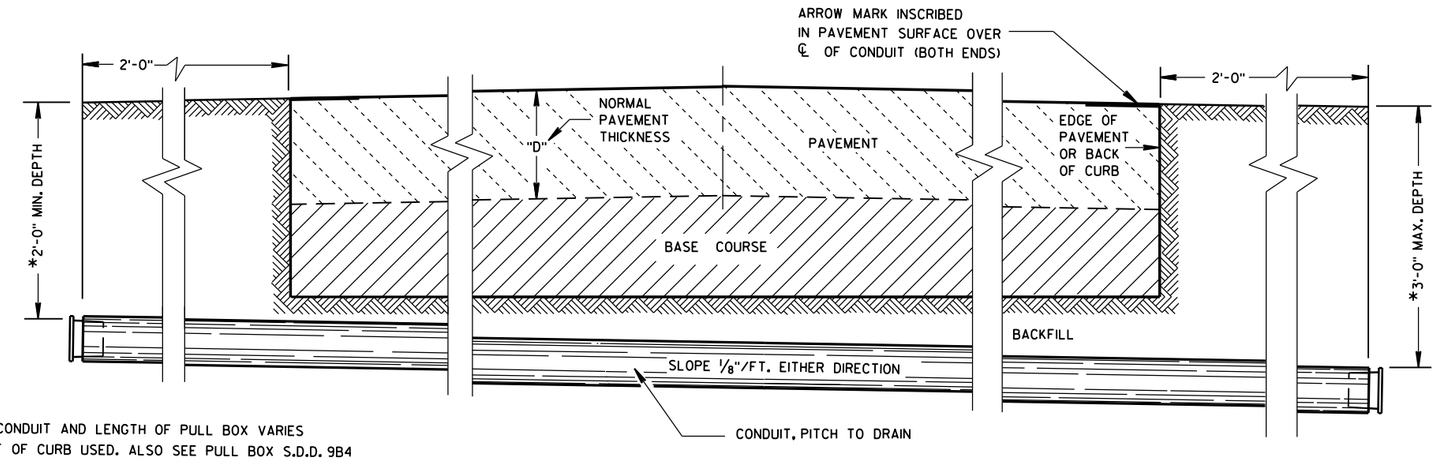
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER, 2019

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER
FHWA

6 S.D.D. 9 B 2-10

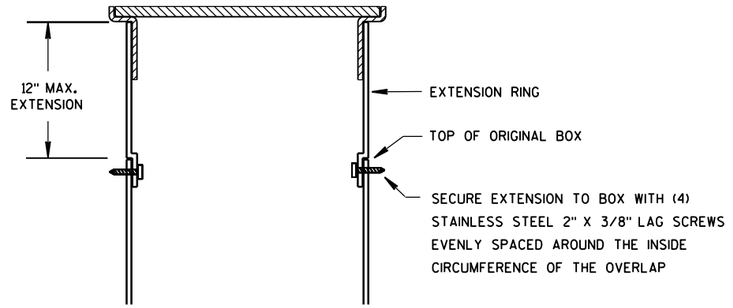
SDD 9b16 Pull Boxes Non-Conductive

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		NON-CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 1/2	22 1/2
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

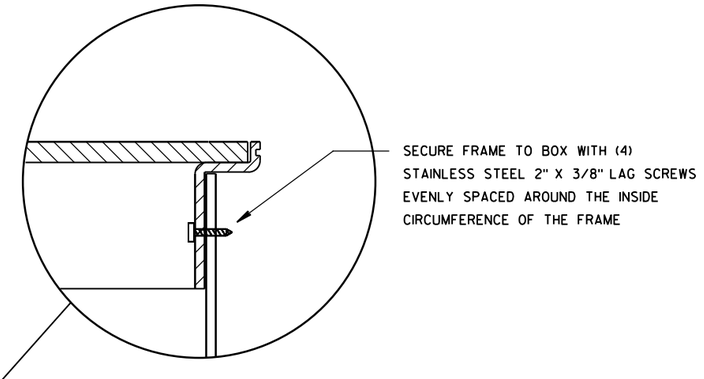
* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE

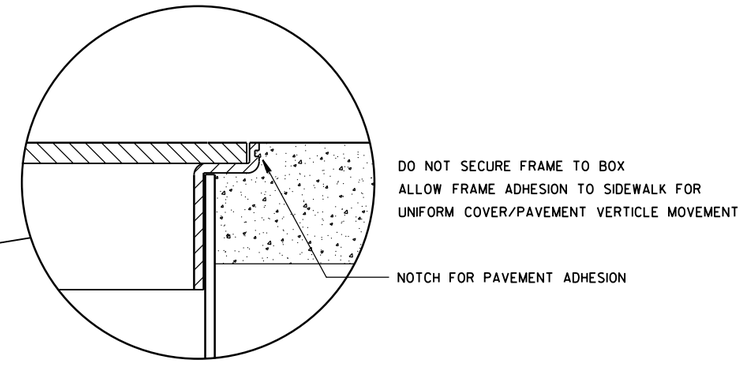


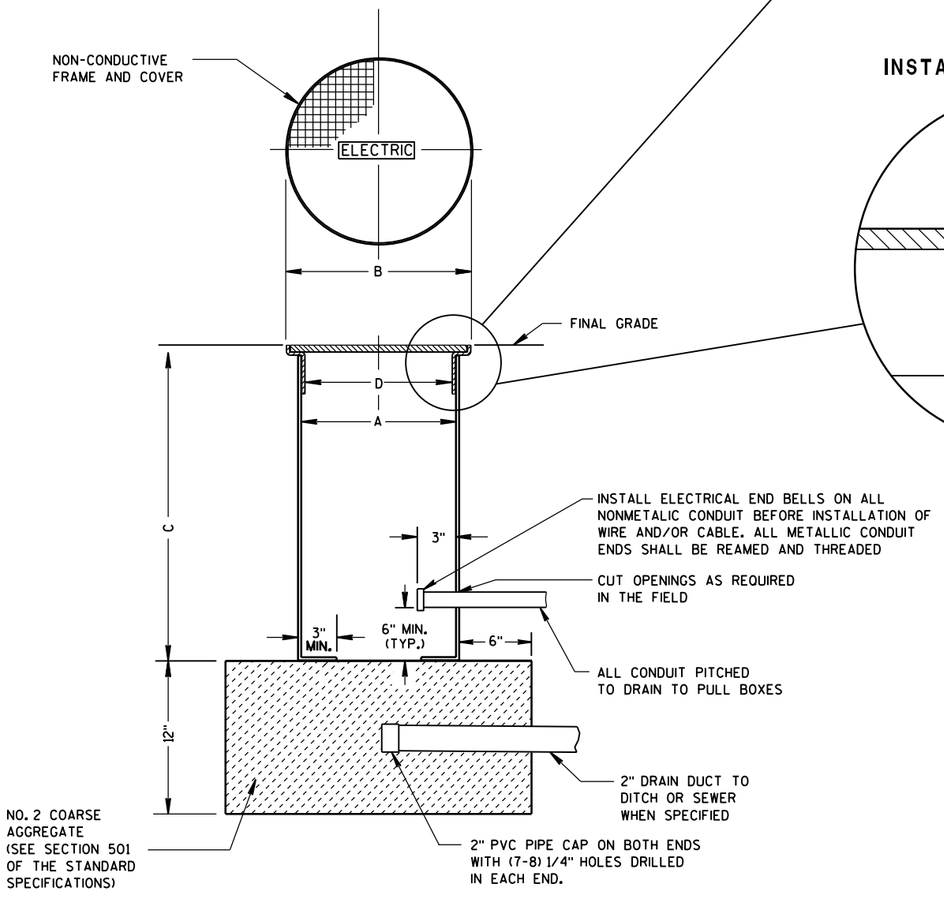
BOX EXTENSION

INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK





NON-CONDUCTIVE PULL BOX

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN 1/2" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN 1/4".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.

PULL BOX
NON-CONDUCTIVE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2017
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

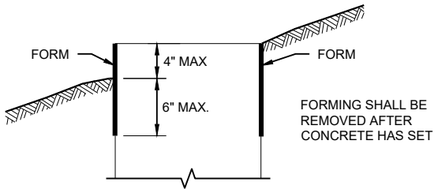
APPROVED FOR DESIGN OFFICIALITY ADJUSTMENTS OCTOBER, 2019

6

S.D.D. 9 B 16-1

SDD 9C2 Concrete Bases, Types 1, 2, 5 & 6

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL BENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

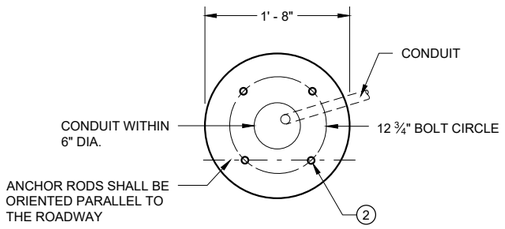
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

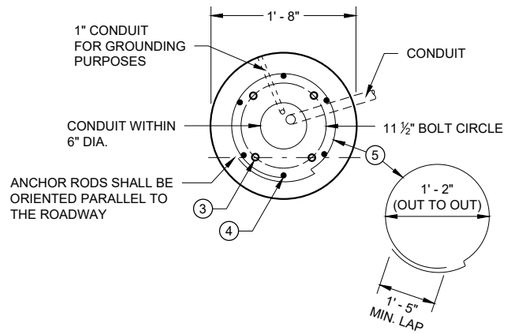
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

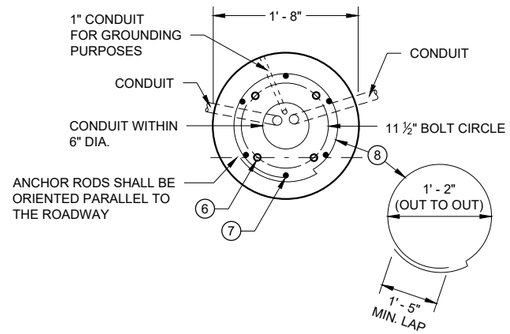
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

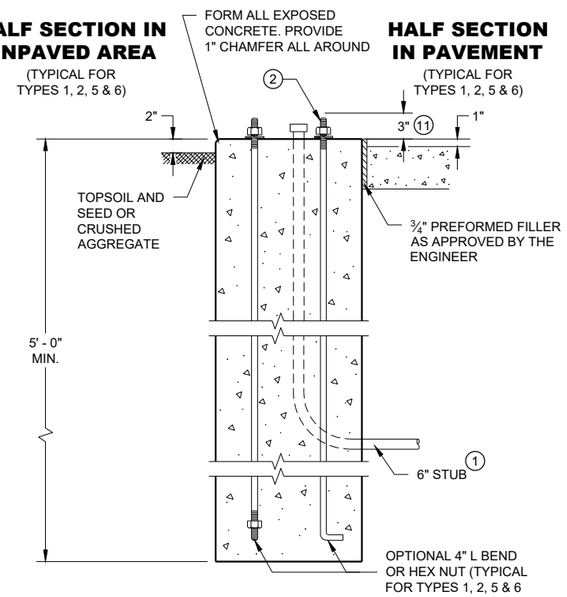
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

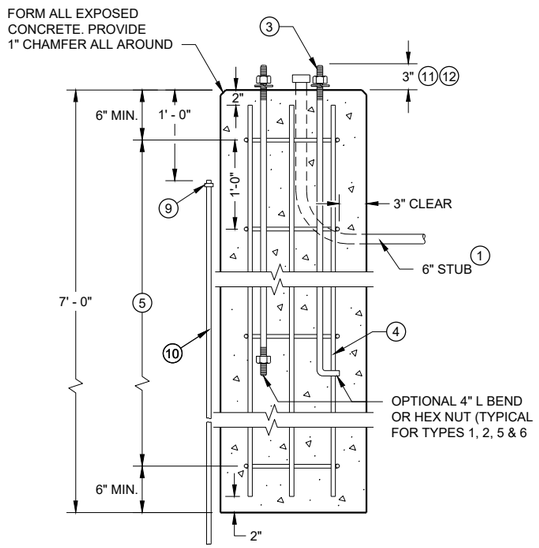
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

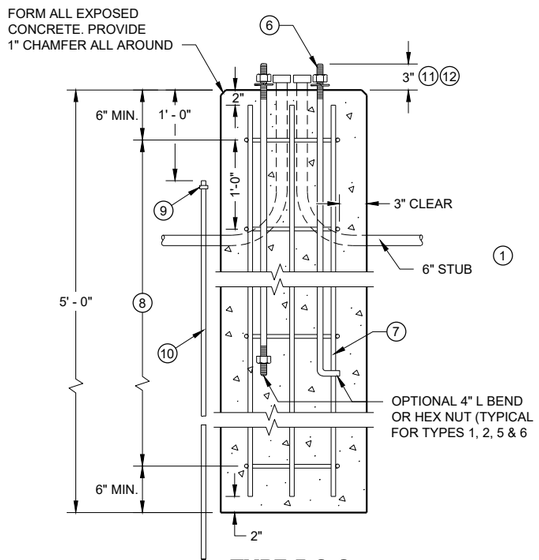
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER, 2019

6
SDD 09C02 - 09

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 641.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

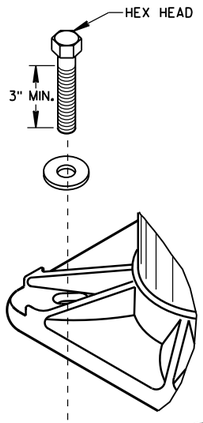
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

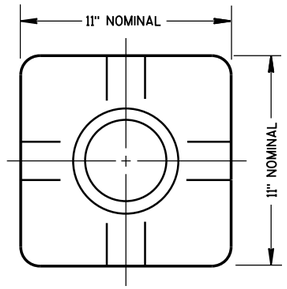
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

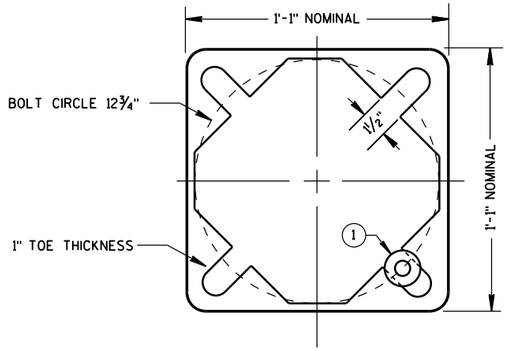
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

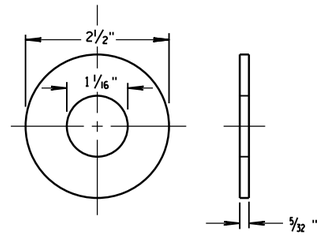




TOP VIEW
(PEDESTAL BASE)

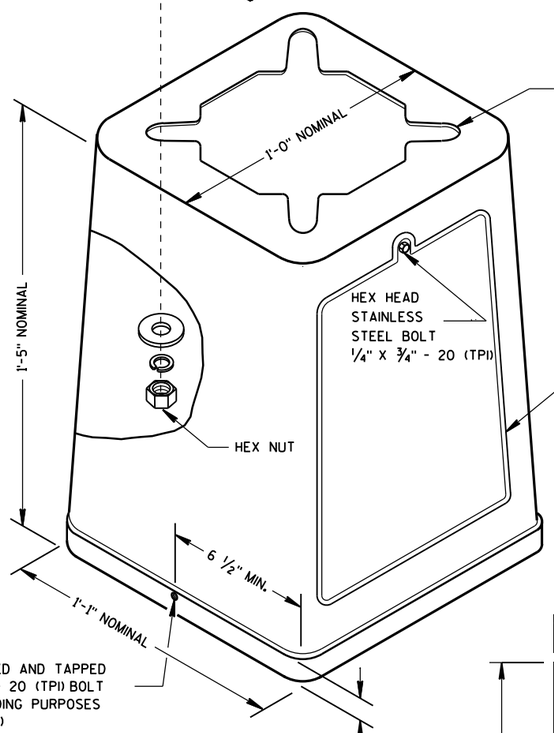


BOTTOM VIEW
(PEDESTAL BASE)

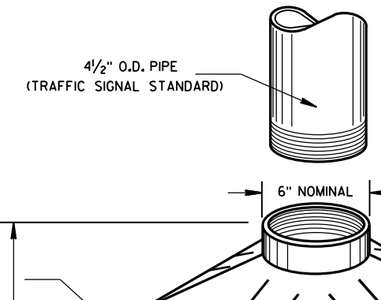


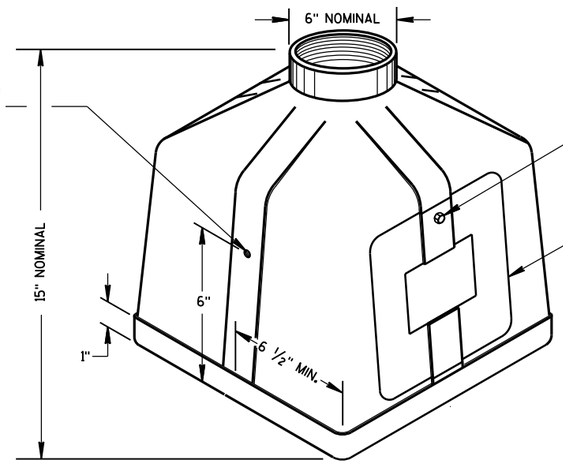
ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)



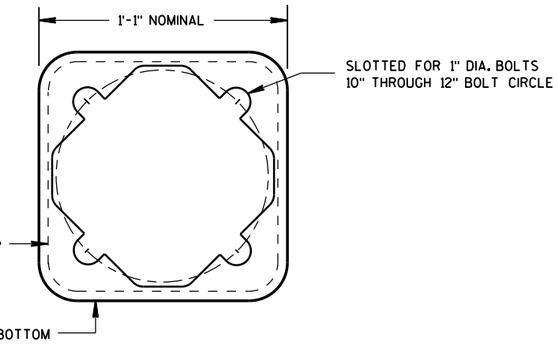
ISOMETRIC VIEW



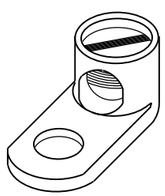


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

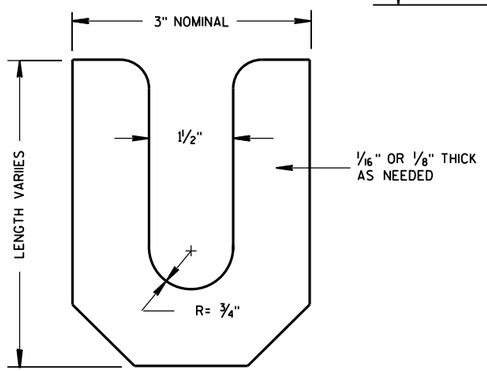


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES

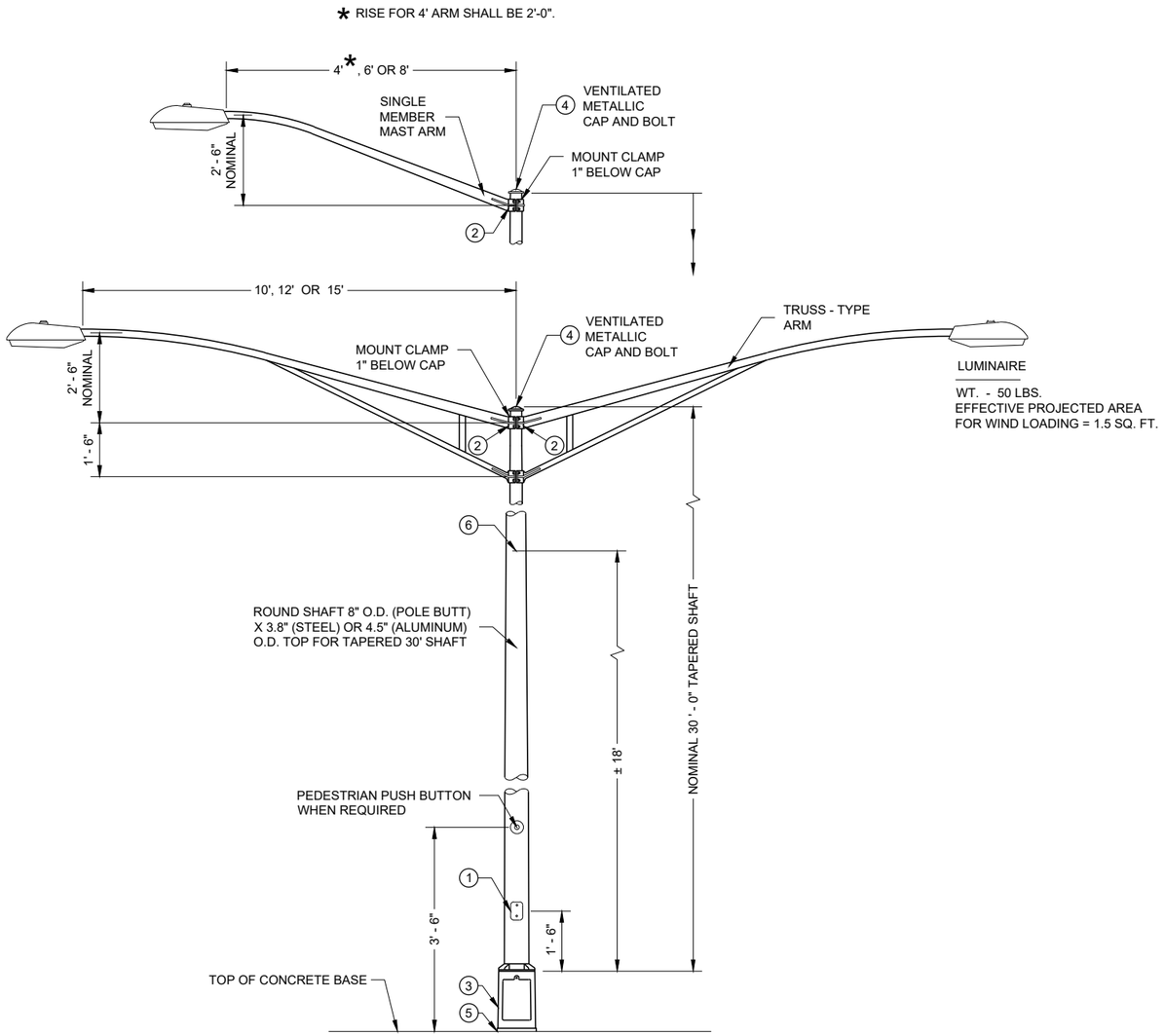


LEVELING SHIM

TRANSFORMER/PEDESTAL BASES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept. 2014 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL ENGINEER
FHWA	

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER, 2019

6 S.D.D. 9 C 3-4



TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

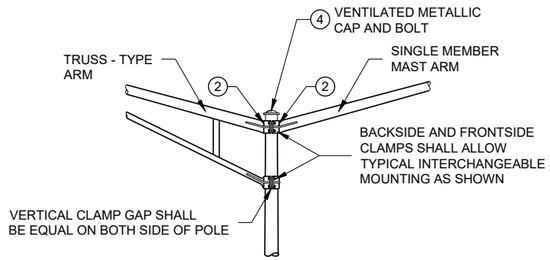
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



INTERCHANGEABLE MOUNTING DETAIL

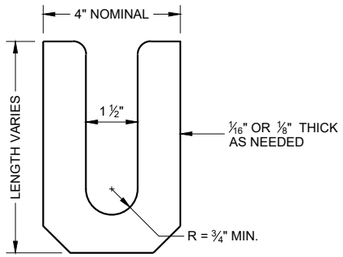
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS 06-01-2019

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

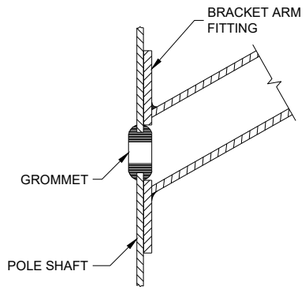
6

SDD 09E01 - 15d

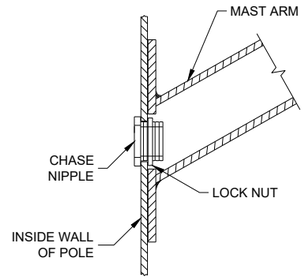
SDD 09E01-g Hardware Details for Pole Mounting



LEVELING SHIM (1)
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

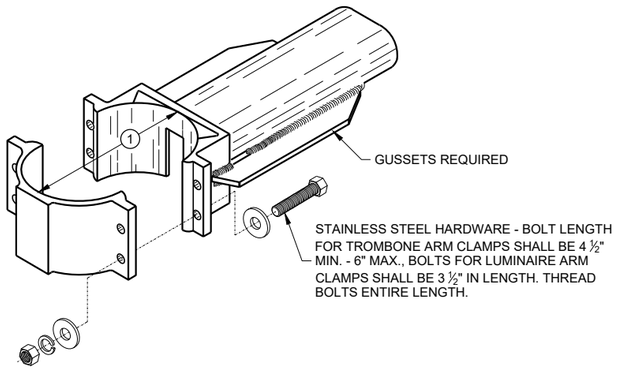
(1) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(2) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

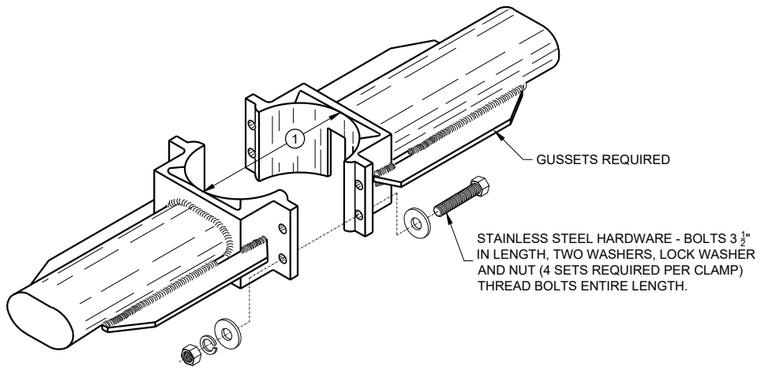
(3) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(4) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

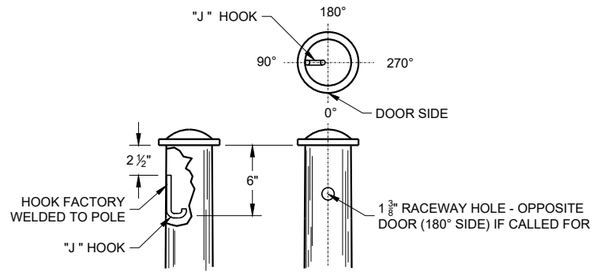
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



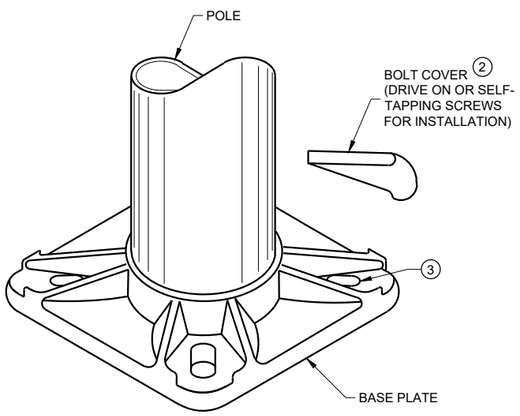
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



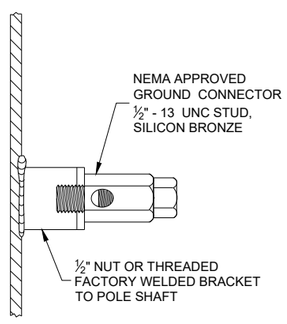
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

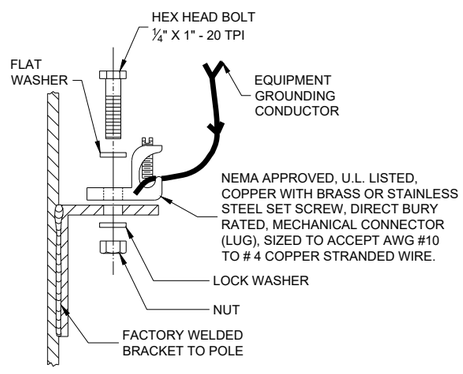


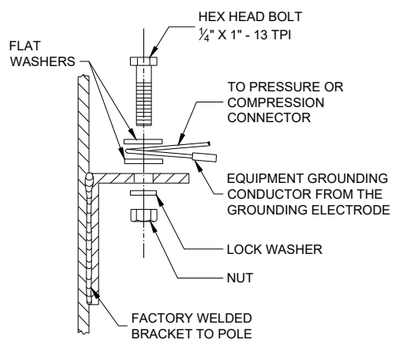
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED November 2018 (DATE) /S/ Ahmet Demirbilek (STATE ELECTRICAL ENGINEER)

FHWA

APPROVED FOR DESIGN OPTIONS AT DEPARTMENTS OCTOBER, 2018

6
SDD 09A01 - 15g

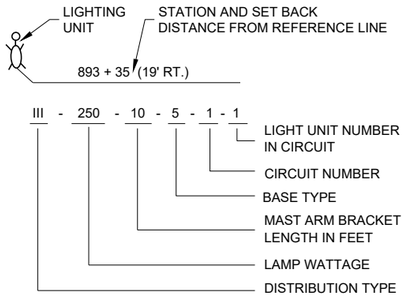
SDD 09E03 Non-Freeway Lighting Unit Pole Wiring

GENERAL NOTES

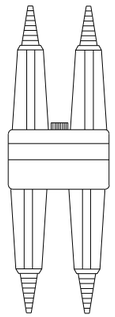
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

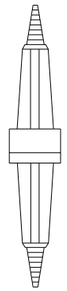
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



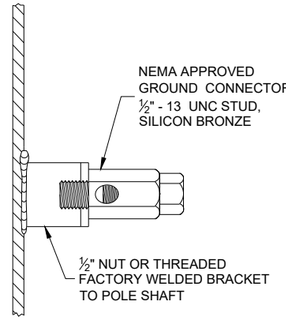
LIGHTING UNIT CODE
(TYPICAL)

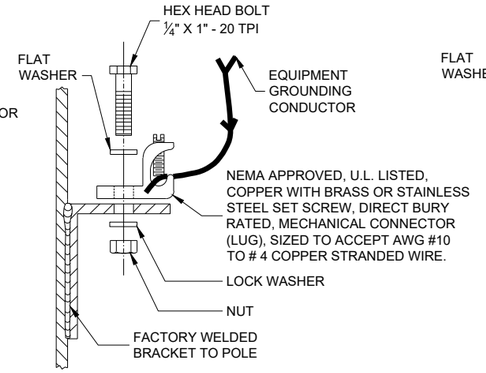


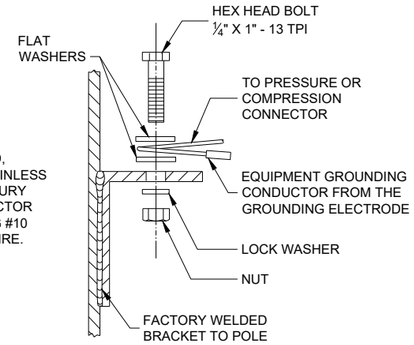
DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



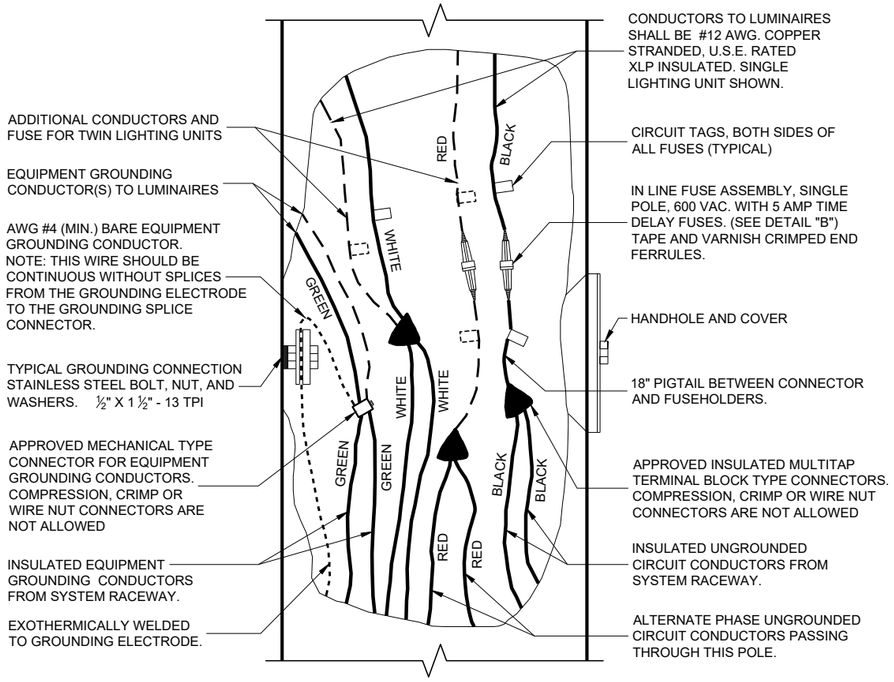
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



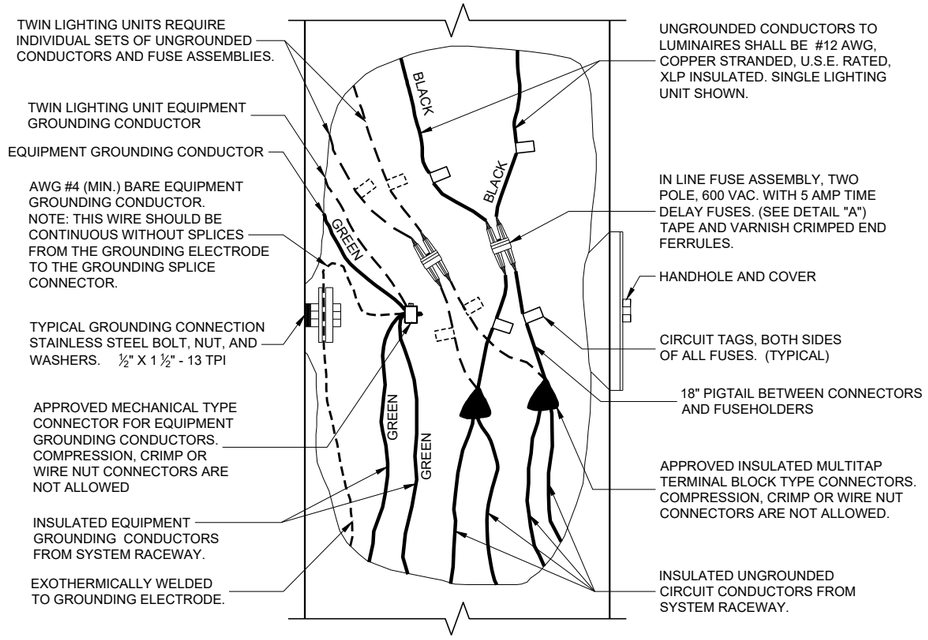




TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

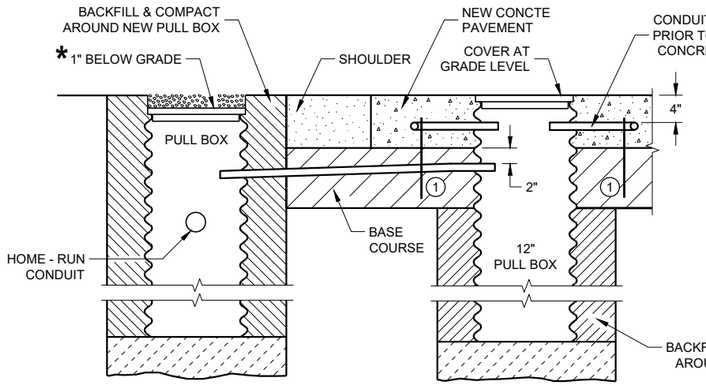
APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

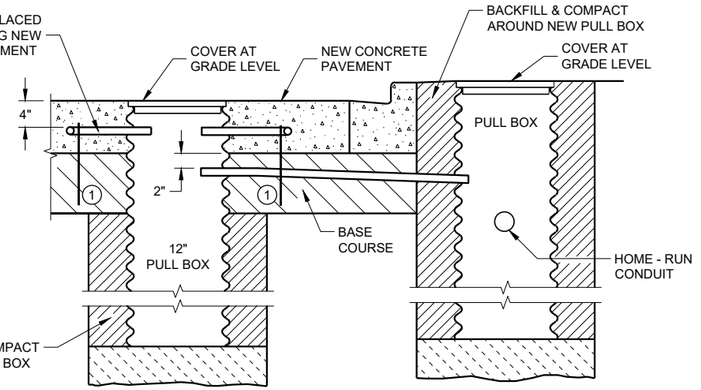
APPROVED FOR DESIGN CONTINUITY ADJUSTMENTS OCTOBER, 2019

SDD 09F04 Loop Detector Installed in New Concrete Pavement, Round CSCP Pullbox



SECTION A - A
NO CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL



SECTION B - B
CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

* RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

ANY PVC LEADOUT CONDUIT CONTAINING MORE THAN ONE TWISTED PAIR OF LOOP LEAD WIRE SHALL BE 2".

THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

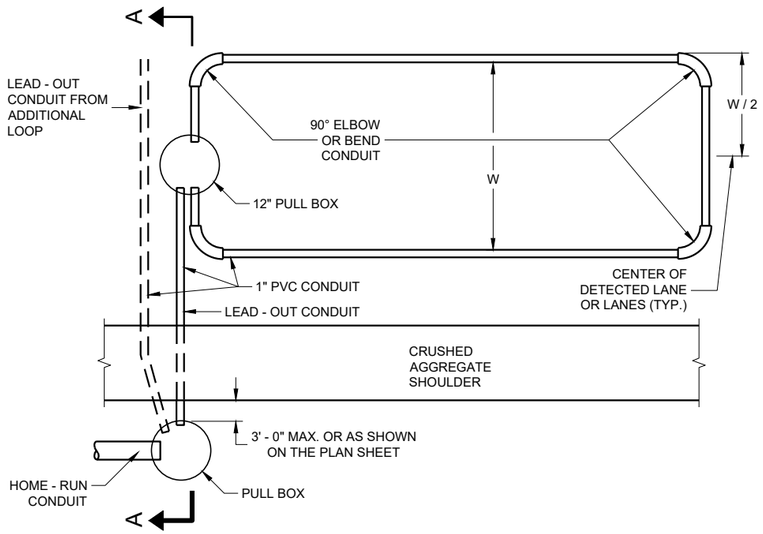
SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, INTO THE PULL BOX IN THE PAVEMENT, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE NON-SPLICED CONTINUOUS LENGTH.

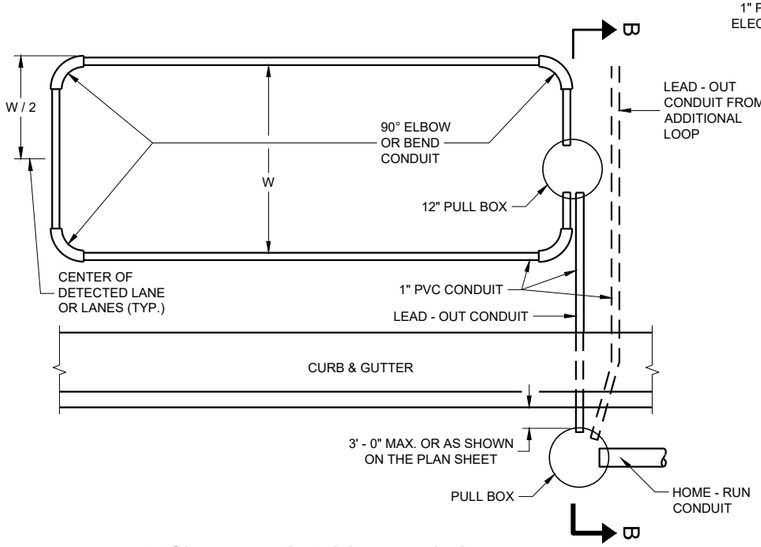
PROTECTION OF THE PULL BOX IN THE BASE COURSE, AND THE RELATED CONDUITS SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW CONCRETE PAVEMENT IS POURED.

12" PULL BOXES IN PAVEMENT SHALL BE CORRUGATED STEEL ONLY.

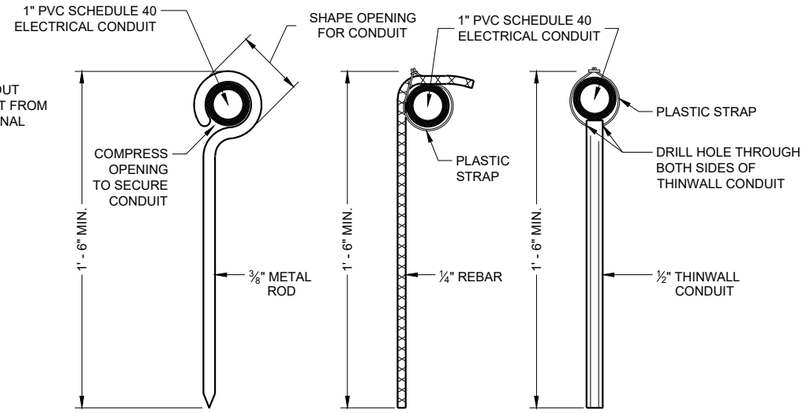
(1) HOLD DOWN PINS TO HOLD CONDUIT DURING POUR.



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX



TYPICAL DETAILS FOR HOLD DOWN PINS (1)

LOOP DETECTOR INSTALLED IN NEW CONCRETE PAVEMENT ROUND CSCP PULLBOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

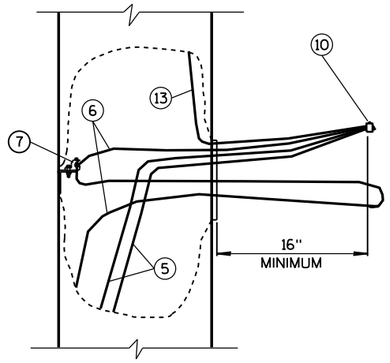
FHWA

APPROVED FOR DESIGN CONFORMITY AND REQUIREMENTS OCTOBER, 2018

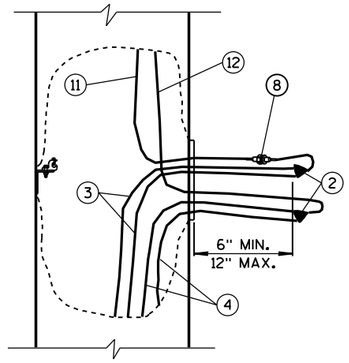
SDD 09F04 - 05

SDD 09F04 - 05

SDD 10a1 Electrical Handhole Wiring

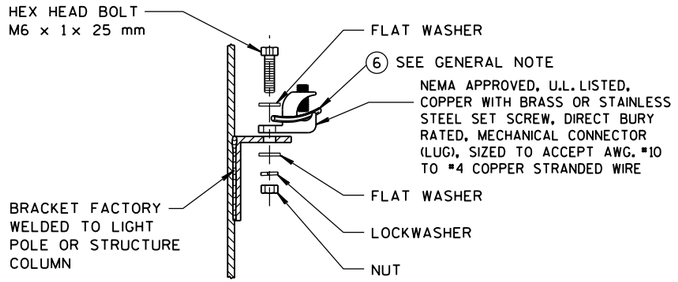


EQUIPMENT GROUNDING CONDUCTOR SLACK



UNGROUNDED CONDUCTOR SLACK (AND GROUNDED NEUTRAL SLACK IN GROUNDED NEUTRAL SYSTEM)

TYPICAL CONDUCTOR SLACK AT HANDHOLES



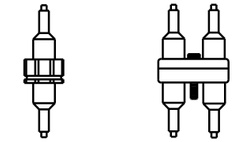
HANDHOLE GROUNDING LUG

(NUT, BOLT, WASHERS, AND LOCK WASHERS SHALL BE STAINLESS STEEL)

CONDUCTOR COLOR CODES

KEY	CONDUCTOR	COLOR
3	UNGROUNDED LINE WIRE	*
4	GROUNDED LINE WIRE	WHITE
5	SYSTEM GROUNDING LINE WIRE	GREEN
6	GROUNDING ELECTRODE CONDUCTOR	BARE
11	UNGROUNDED POLE WIRE	*
12	GROUNDED POLE WIRE	WHITE
13	EQUIPMENT GROUNDING POLE WIRE	GREEN

* FOLLOW COLOR CODING SHOWN IN THE PLANS. WHERE THE PLANS DO NOT SHOW COLOR CODING, USE BLACK FOR SINGLE LUMINAIRE POLES; BLACK AND RED FOR TWIN LUMINAIRE POLES.



1 POLE (1P) 2 POLE (2P)

FUSE ASSEMBLIES

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

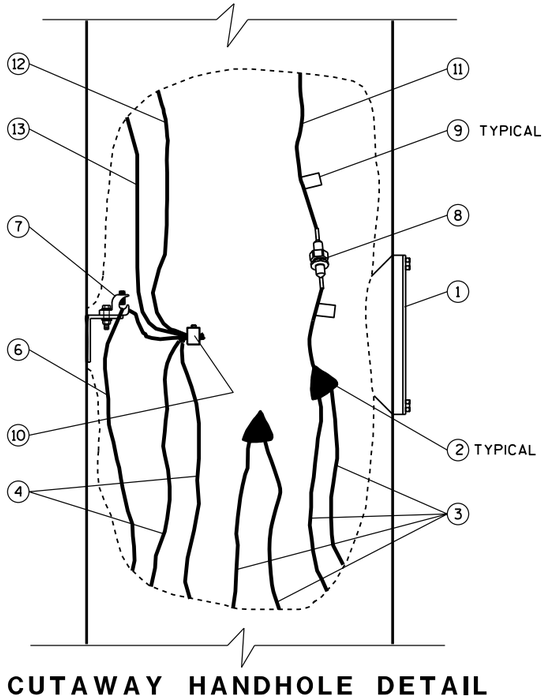
USE THIS DETAIL IN CONJUNCTION WITH THE ELECTRICAL DETAILS FOR THE APPLICATION, WHICH MAY BE A LIGHT POLE, SIGN BRIDGE, ETC.

THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS WITHOUT SPLICES FROM THE GROUNDING ELECTRODE THROUGH THE HANDHOLE GROUNDING LUG TO THE CONNECTOR.

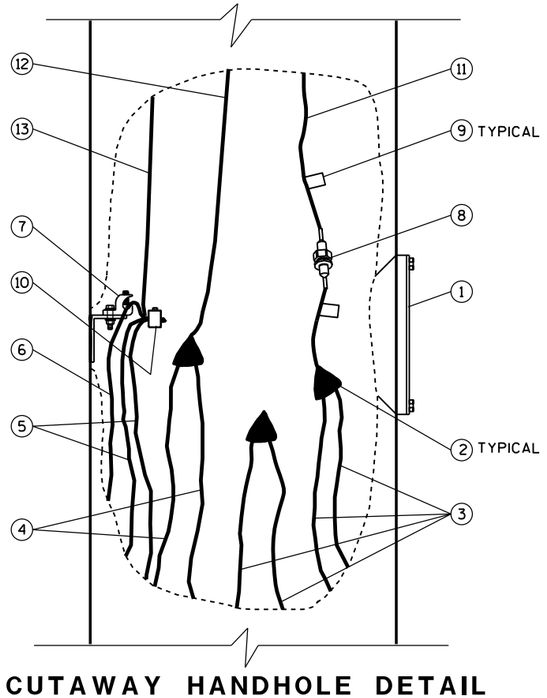
THREE POLE WIRES ARE SHOWN FOR A SINGLE LUMINAIRE LIGHT POLE. THREE ADDITIONAL POLE WIRES REQUIRED FOR TWIN LUMINAIRE LIGHT POLES ARE OMITTED FROM THE DRAWING FOR CLARITY. IN THE TWIN POLE CASE, BUNDLE EACH SET OF THREE WIRES WITH A NYLON CABLE TIE.

IN 3-PHASE SYSTEMS, THERE WILL BE ONE MORE UNGROUNDED LINE WIRE, WHICH IS OMITTED FROM THE DRAWING FOR CLARITY.

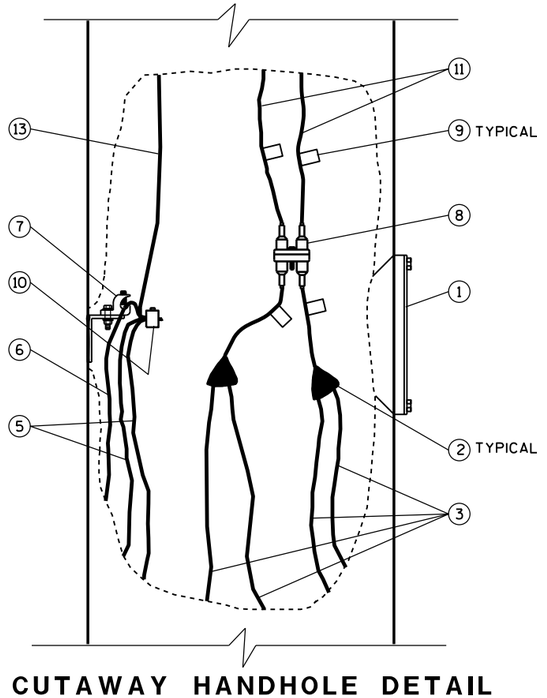
CIRCUIT TAGS SHALL BE INSTALLED ONLY WHERE REQUIRED IN THE SPECIAL PROVISIONS.



CUTAWAY HANDHOLE DETAIL
GROUNDED NEUTRAL SYSTEMS
1-Φ



CUTAWAY HANDHOLE DETAIL
ISOLATED NEUTRAL SYSTEMS
1-Φ SHOWN; 3-Φ WYE SIMILAR
(SEE GENERAL NOTE)



CUTAWAY HANDHOLE DETAIL
PHASE-TO-PHASE SYSTEMS
1-Φ SHOWN; 3-Φ DELTA SIMILAR
(SEE GENERAL NOTE)

NOTE: REQUIRED CONDUCTOR SLACK NOT SHOWN ON "CUTAWAY HAND HOLE" DETAILS FOR DRAWING CLARITY, SEE "TYPICAL CONDUCTOR SLACK AT HANDHOLES" ON THIS SHEET.

1. HANDHOLE AND COVER
2. INSULATED SPLICE
3. UNGROUNDED LINE WIRE
4. GROUNDED LINE WIRE
5. SYSTEM GROUNDING LINE WIRE
6. GROUNDING ELECTRODE CONDUCTOR
7. HANDHOLE GROUNDING LUG
8. FUSE ASSEMBLY, 1P OR 2P AS REQUIRED
9. CIRCUIT TAG (SEE GENERAL NOTE)
10. REVERSIBLE PRESSURE OR COMPRESSION GROUNDING CONNECTOR (NOT INSULATED)
11. UNGROUNDED POLE WIRE
12. GROUNDED POLE WIRE
13. EQUIPMENT GROUNDING POLE WIRE

ELECTRICAL HANDHOLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

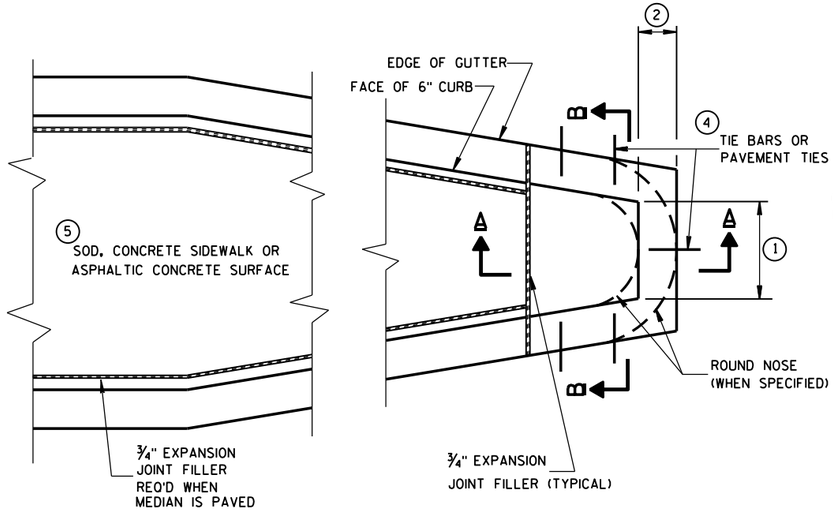
APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER
FHWA

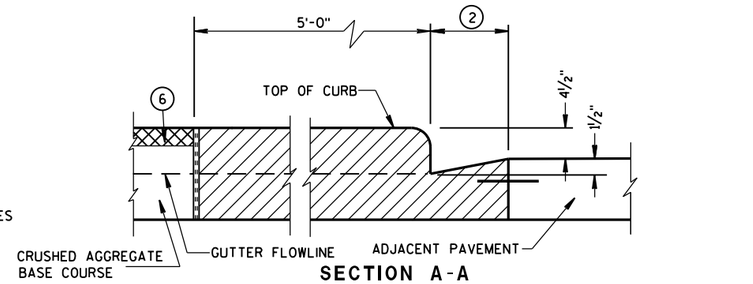
APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER 2019

6

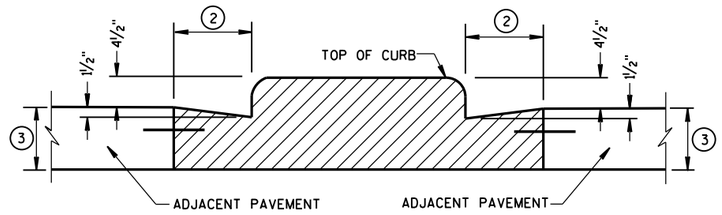
S.D.D. 10 A 1-3

SDD 11b2 Concrete Median Nose





SECTION A-A



SECTION B-B

CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

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

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

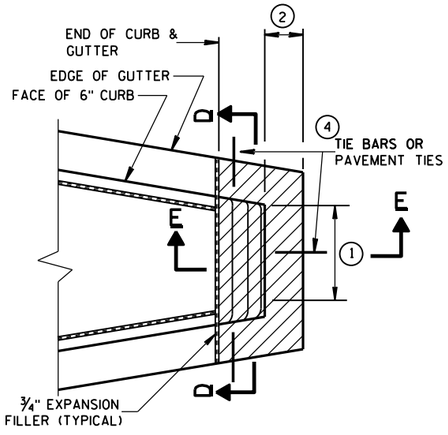
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

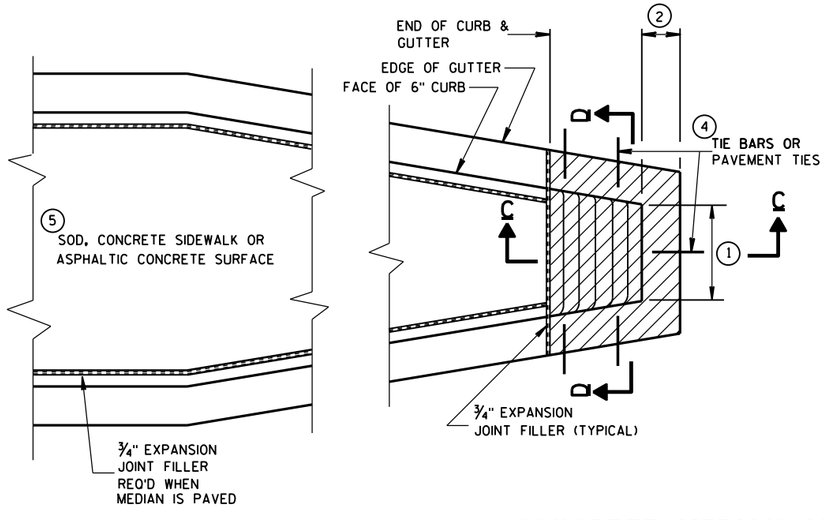
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

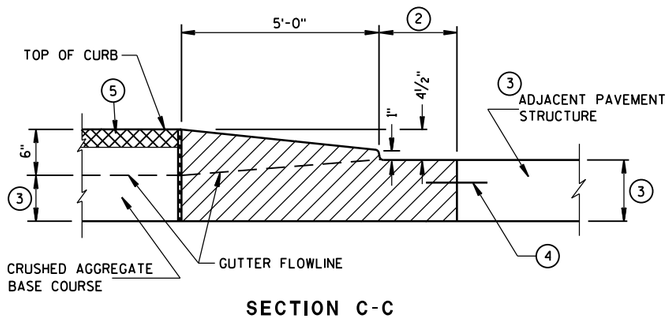
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

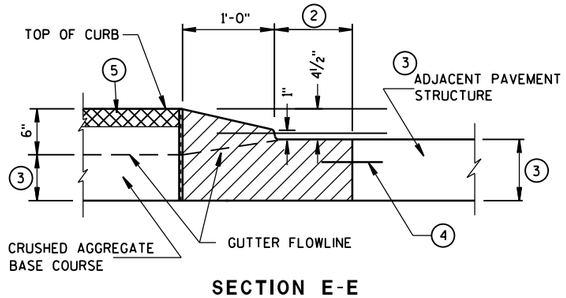
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.







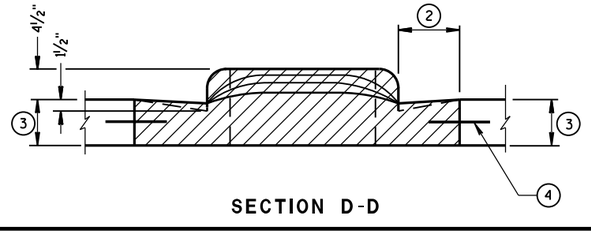
SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 1

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6-8-2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

APPROVED FOR DESIGN
OFFICE BY ADJUSTMENTS
OCTOBER, 2010

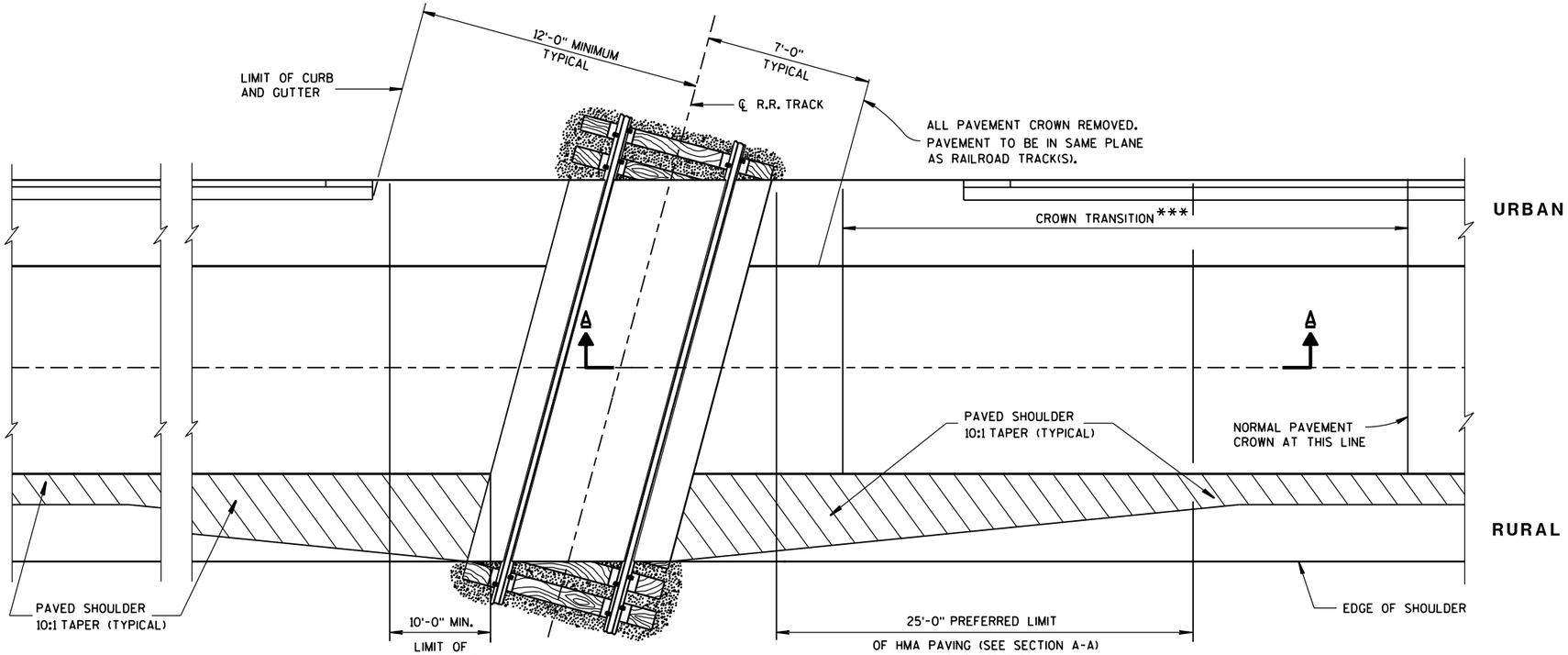
6

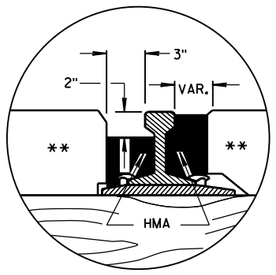
S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2

SDD 13b1 Pavement Details for Railroad Approach





DETAIL B

HMA FLANGEWAY AND FIELD FILLERS

GENERAL NOTES

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

TIMBER, CONCRETE OR RUBBER CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, GEOTEXTILE FABRIC AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS OTHERWISE PROVIDED.

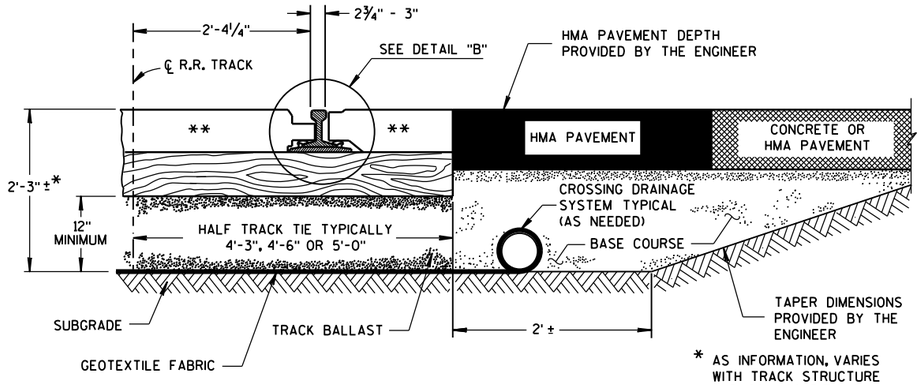
HMA PAVEMENT APPROACHES AND HMA PAVEMET CROSSING SURFACES TO BE PLACED BY CONTRACTOR UNLESS OTHERWISE PROVIDED.

HMA FLANGEWAY AND FIELD FILLERS TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR WHEN NOT PROVIDED BY OTHERS. SEE DETAIL B. HMA FILLERS NOT REQUIRED WHEN RUBBER FILLERS ARE PROVIDED.

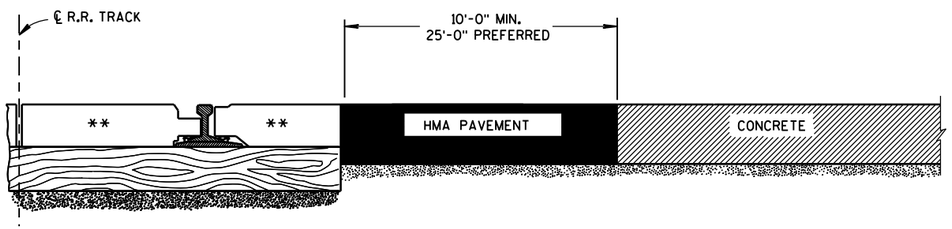
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

** CROSSING SURFACE MAY BE TIMBER, RUBBER, CONCRETE, HMA PAVEMENT OR A COMBINATION OF SUCH MATERIALS.

*** CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.



TYPICAL HALF SECTION



SECTION A-A

CONCRETE PAVEMENT APPROACH



SECTION A-A

HMA PAVEMENT APPROACH

EXAMPLES OF PAVEMENT APPROACHES

PAVEMENT DETAILS FOR RAILROAD APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8-28-09
DATE

/S/ Ronald E. Adams
CHIEF, RAILROADS & HARBORS SECTION

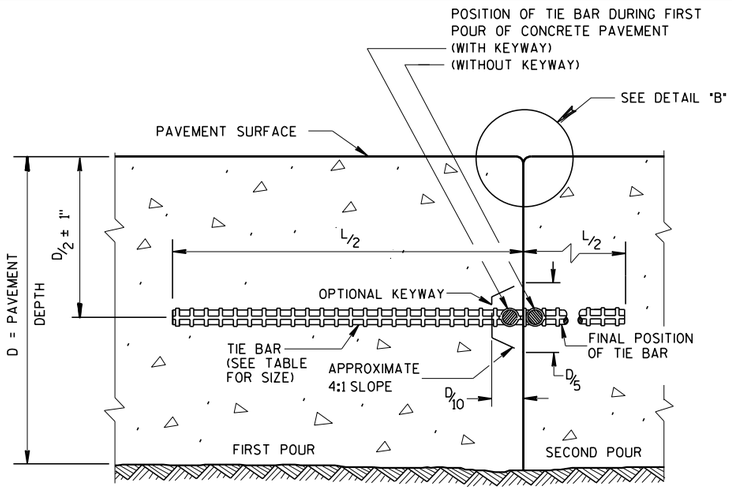
FHWA

APPROVED FOR DESIGN OF STATE BY ADJUSTMENTS OCTOBER, 2009

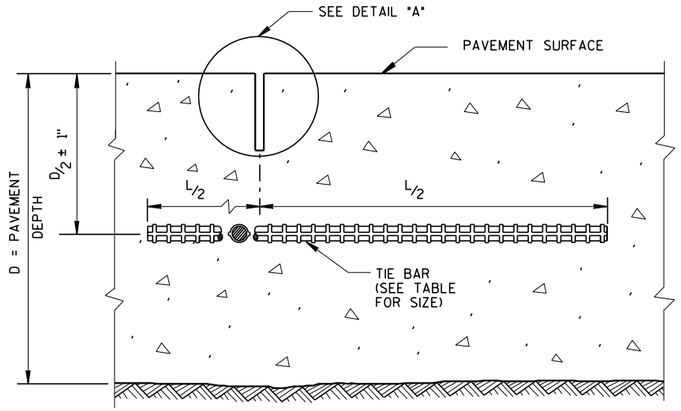
6

S.D.D. 13 B 1-10

SDD 13c1 Concrete Pavement Longitudinal Joints and Ties



CONSTRUCTION JOINT



SAWED JOINT

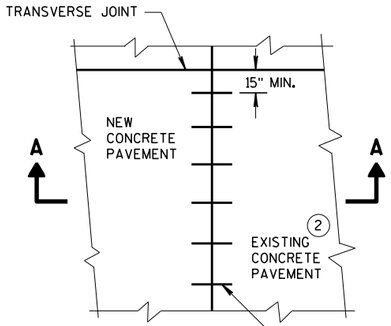
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

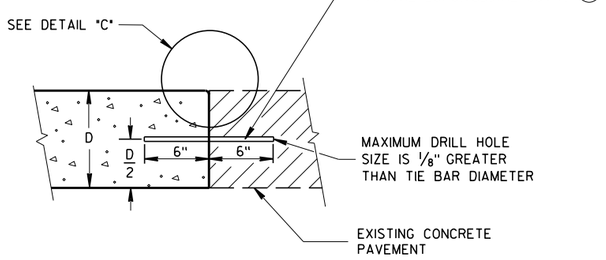
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

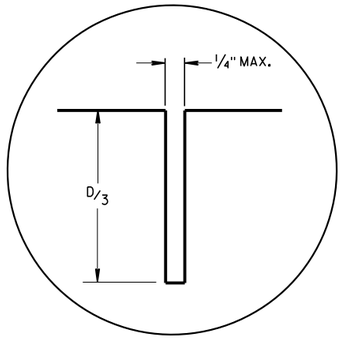
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



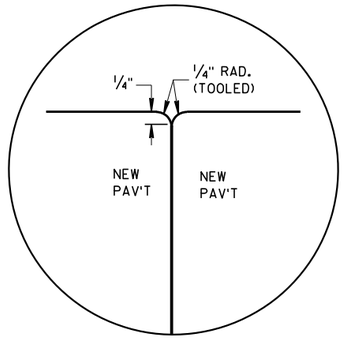
PLAN VIEW



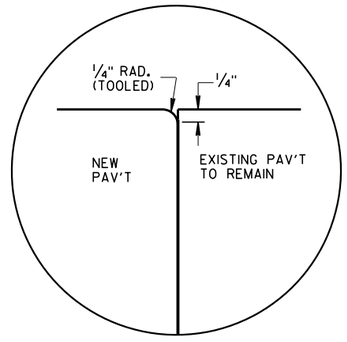
SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



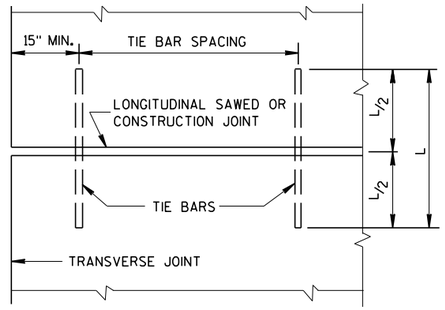
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISOR

FHWA

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER, 2020

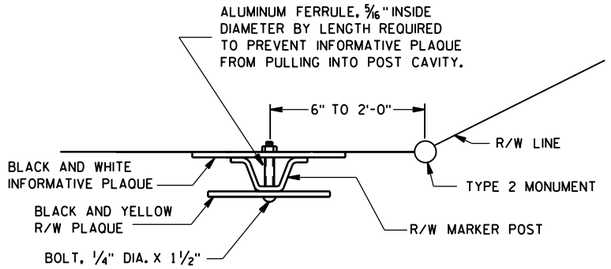
6

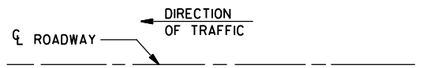
S.D.D. 13 C 1-19

6

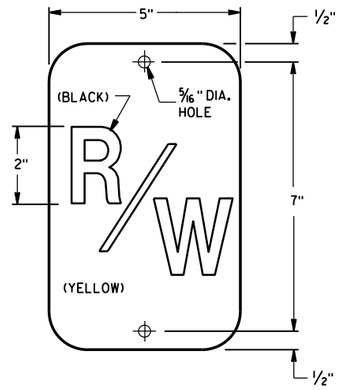
S.D.D. 13 C 1-19

SDD 15a1-a Marker Post for Right-of-Way



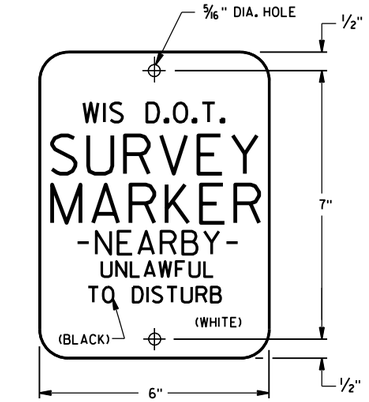


PLAN VIEW



R/W PLAQUE

THE RIGHT-OF-WAY PLAQUE AND INFORMATIVE PLAQUE WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.



INFORMATIVE PLAQUE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

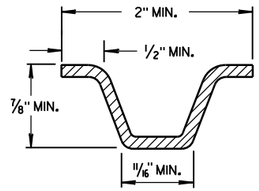
A STEEL MARKER POST FOR RIGHT-OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY, WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE "R/W" PLAQUE SHALL FACE THE ROADWAY AND THE INFORMATIVE PLAQUE SHALL FACE AWAY FROM THE ROADWAY. R/W AND INFORMATIVE PLAQUES WILL BE FURNISHED BY THE DEPARTMENT OF TRANSPORTATION.

STEEL MARKER POSTS SHALL MEET THE MINIMUM MATERIAL REQUIREMENTS FOR STEEL DELINEATOR POSTS; EXCEPT POSTS PAINTED WITH FEDERAL YELLOW ENAMEL NEED NOT BE ZINC COATED.

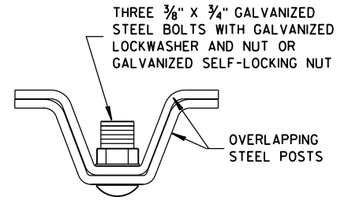
① IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK TO A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 3'10" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR.

FILL THE BORE HOLE WITH CEMENT GROUT, OR EQUIVALENT. DEPENDING ON THE STABILITY OF THE ROCK.

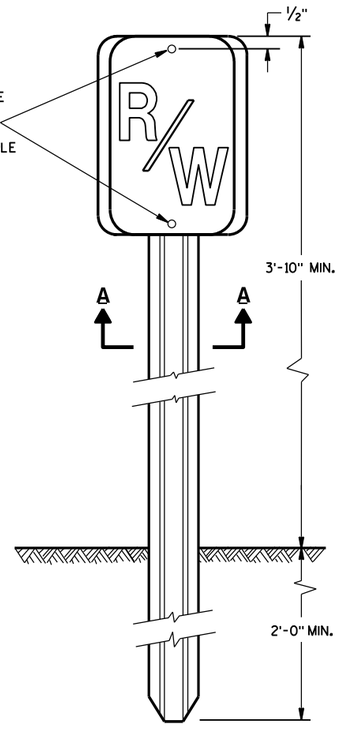


MIN. WEIGHT 1.12 LB./FT.

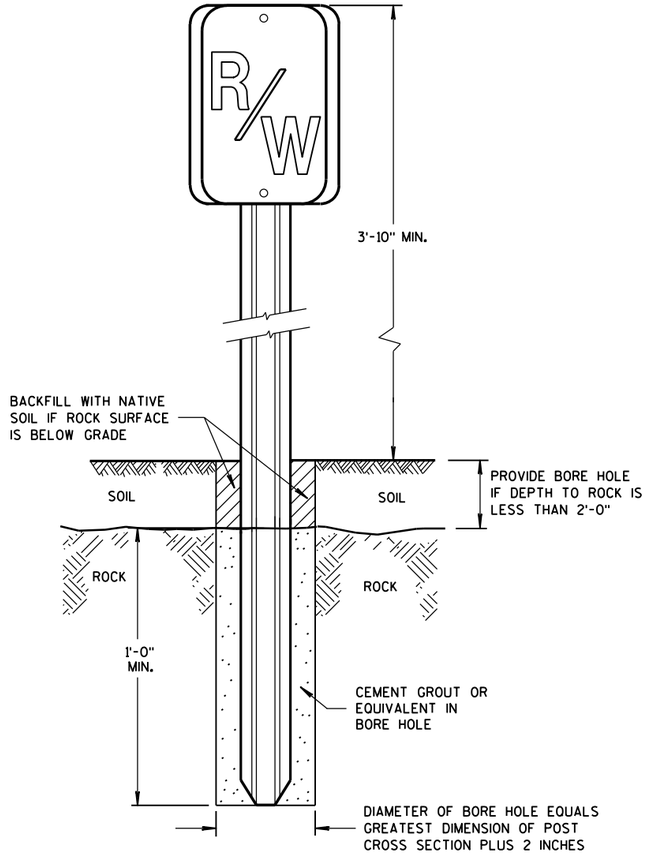
SECTION A-A



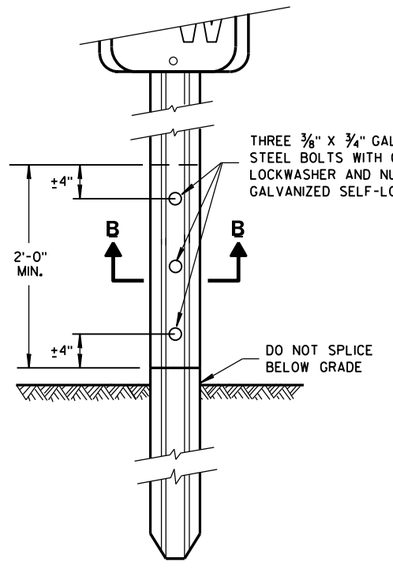
SECTION B-B



FRONT VIEW
STEEL MARKER POST



FRONT VIEW
ROCK INSTALLATION ①



FRONT VIEW
SPLICE DETAIL

APPROVED FOR DESIGN OPTIONALITY ADJUSTMENTS OCTOBER 2019

MARKER POST FOR RIGHT-OF-WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/18/2016
DATE
/S/ Ray Kumapayi
CHIEF SURVEYING AND MAPPING ENGINEER

FHWA

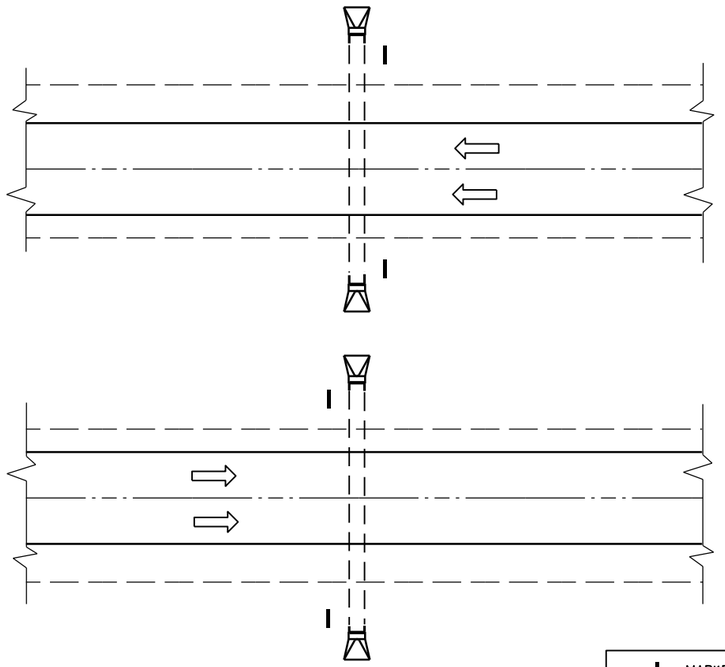
6

S.D.D. 15 A 1-13a

6

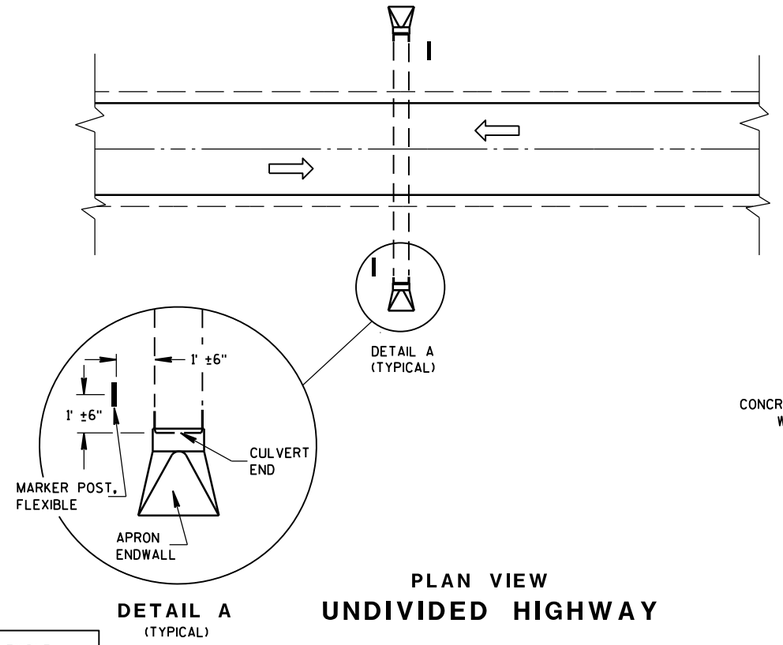
S.D.D. 15 A 1-13a

SDD 15a3-a Flexible Marker Post for Culvert End



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

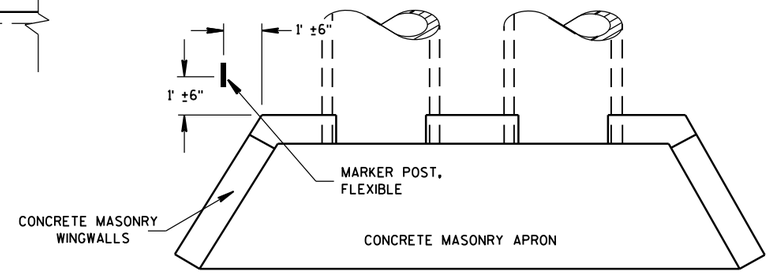
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

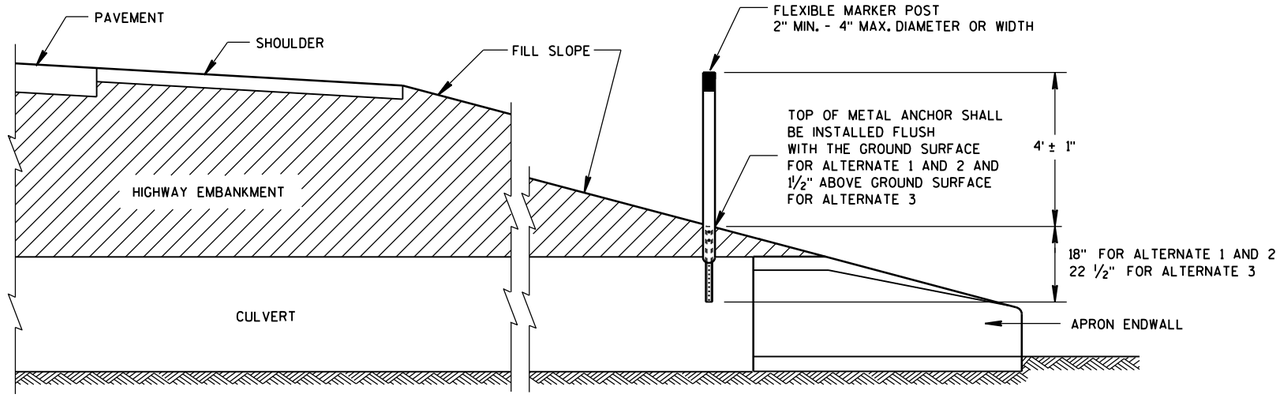
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

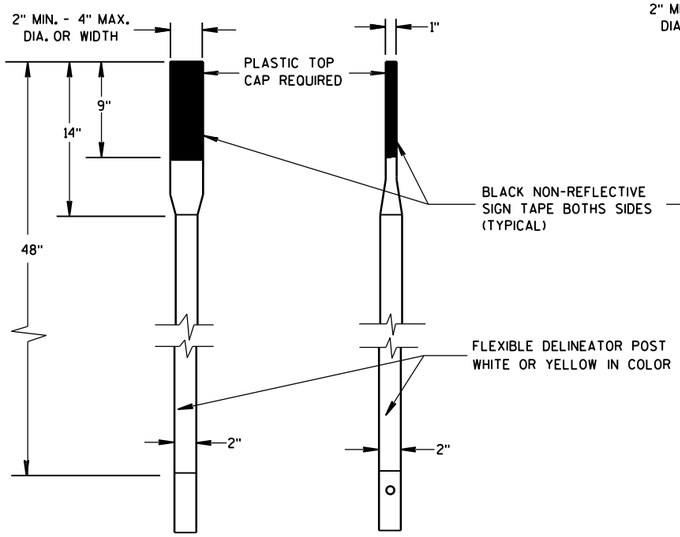
6

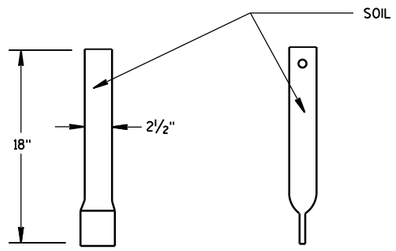
S.D.D. 15 A 3-2a

6

S.D.D. 15 A 3-2a

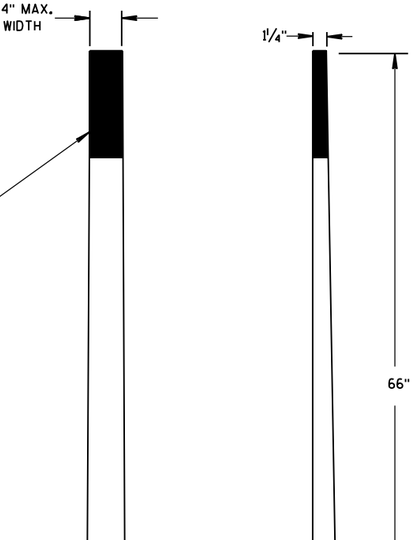
SDD 15a3-b Flexible Marker Post for Culvert End





FRONT VIEW SIDE VIEW

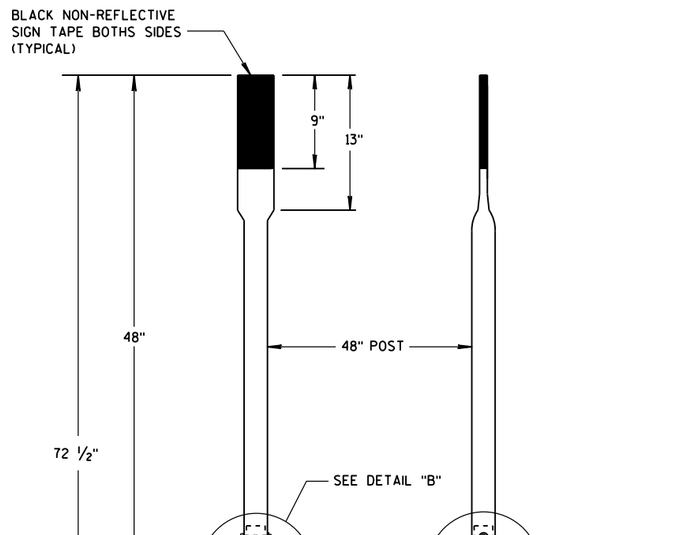
ALTERNATE 1



FRONT VIEW SIDE VIEW

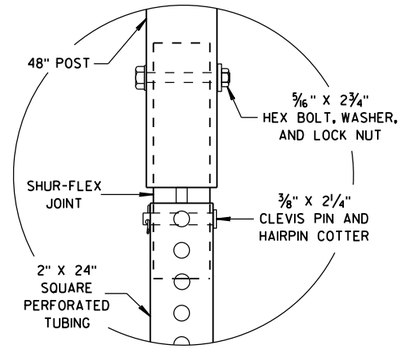
ALTERNATE 2

FLEXIBLE MARKER POSTS

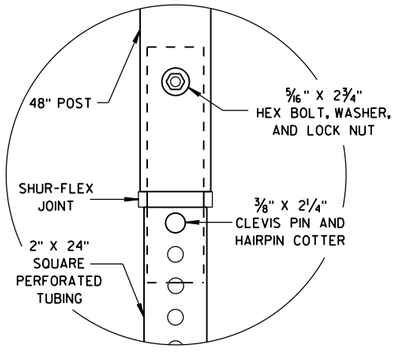


FRONT VIEW SIDE VIEW

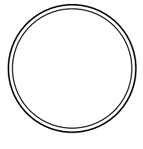
ALTERNATE 3



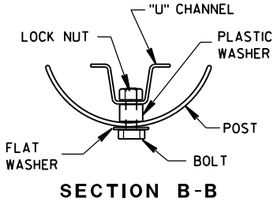
DETAIL B



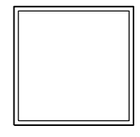
DETAIL C



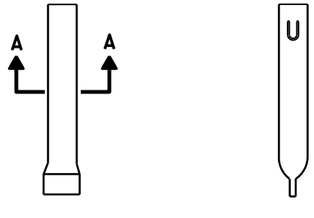
SECTION A-A



SECTION B-B

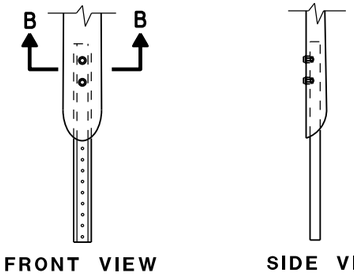


SECTION C-C



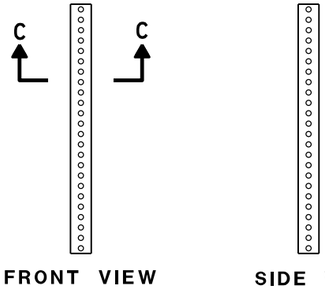
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE MARKER POST FOR CULVERT END	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 10/1/2012 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

APPROVED FOR DESIGN OF STATE HWY ADJUSTMENTS ON OCTOBER 2, 2012

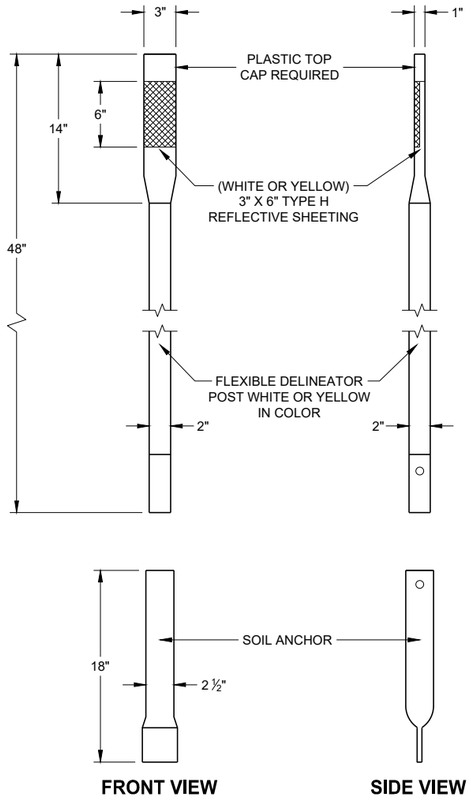
6

S.D.D. 15 A 3-2b

6

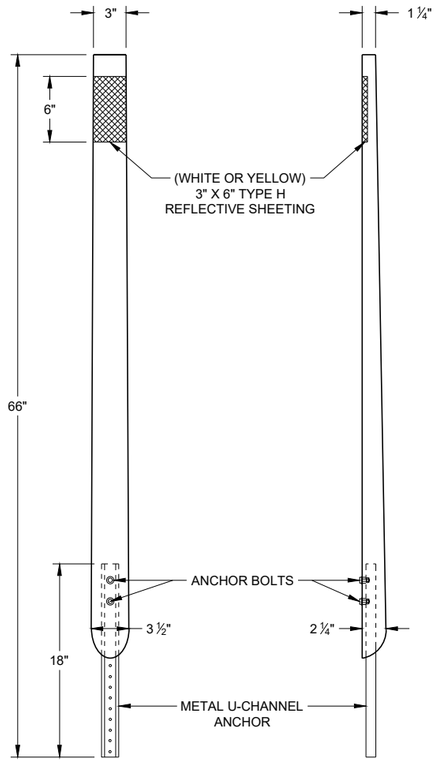
S.D.D. 15 A 3-2b

SDD 15A04-a Flexible Delineator Post



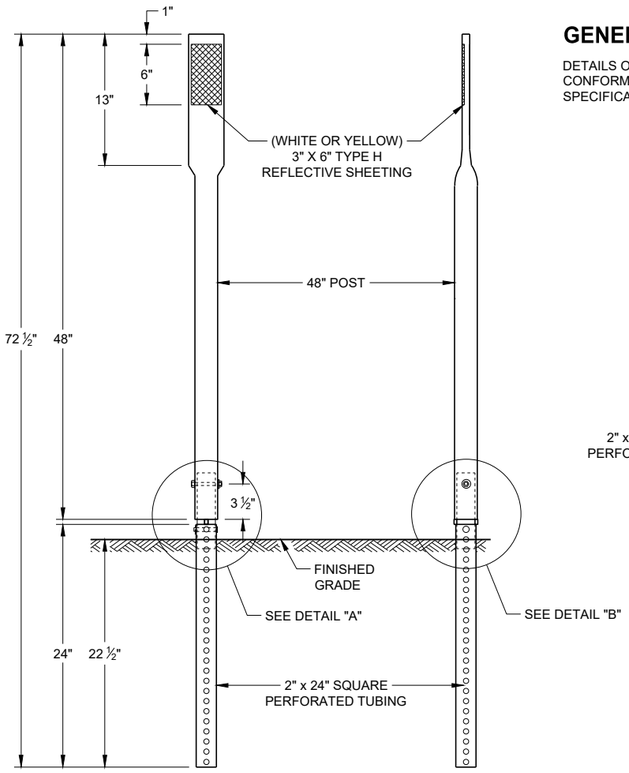
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



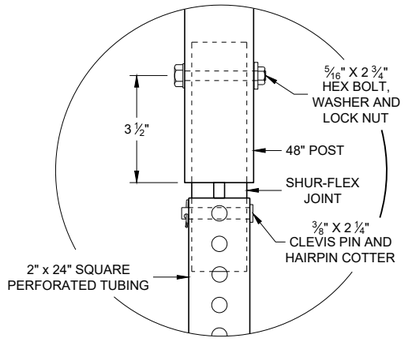
FRONT VIEW SIDE VIEW

ALTERNATE 3

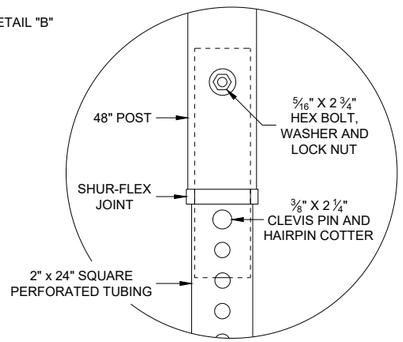
FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

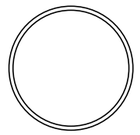
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



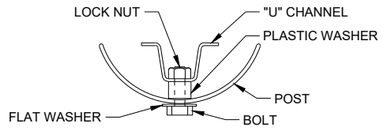
DETAIL A



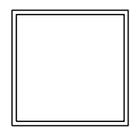
DETAIL B



SECTION A - A



SECTION B - B

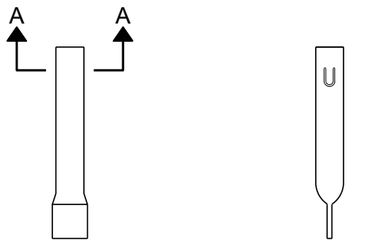


SECTION C - C

REFLECTOR SPACING TABLE

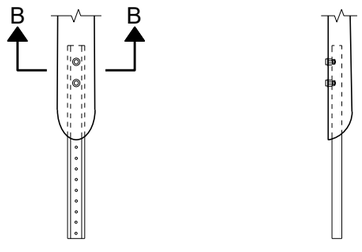
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



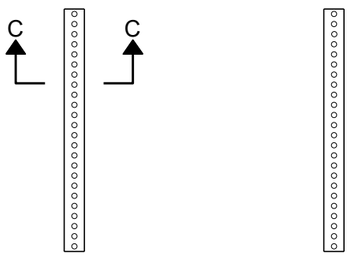
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE DELINEATOR POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

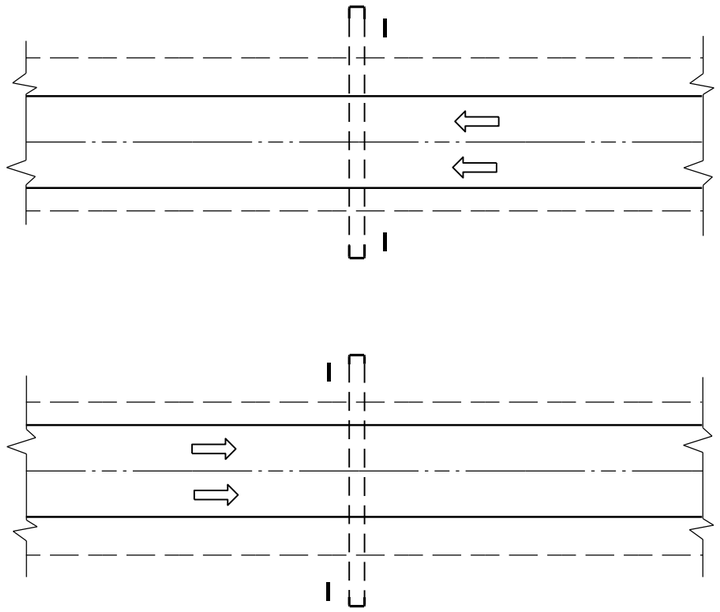
FHWA

APPROVED FOR DESIGN OPPORTUNITY ADJUSTMENTS OCTOBER, 2019

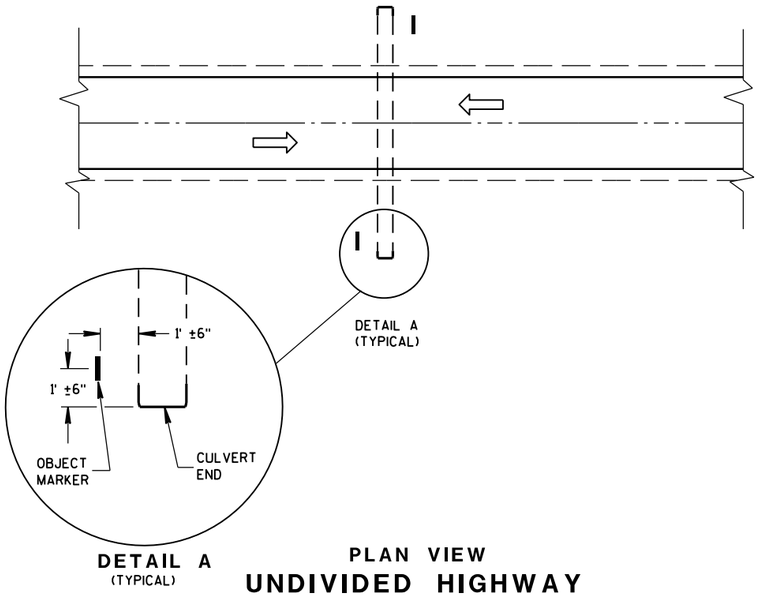
6

SDD15A04 - 05a

SDD 15a7 Object Marker for Hazardous Culverts



PLAN VIEW
DIVIDED HIGHWAY

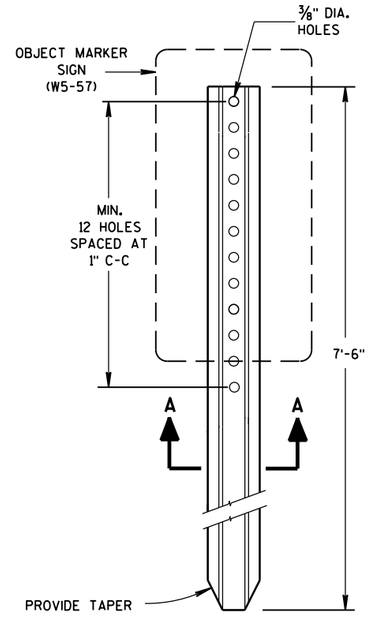


DETAIL A
(TYPICAL)

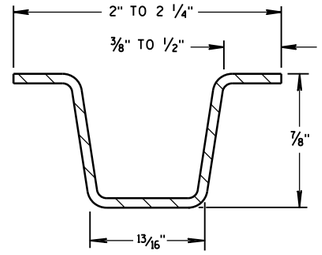
PLAN VIEW
UNDIVIDED HIGHWAY

OBJECT MARKER
DIRECTION OF TRAFFIC FLOW

OBJECT MARKER LOCATION

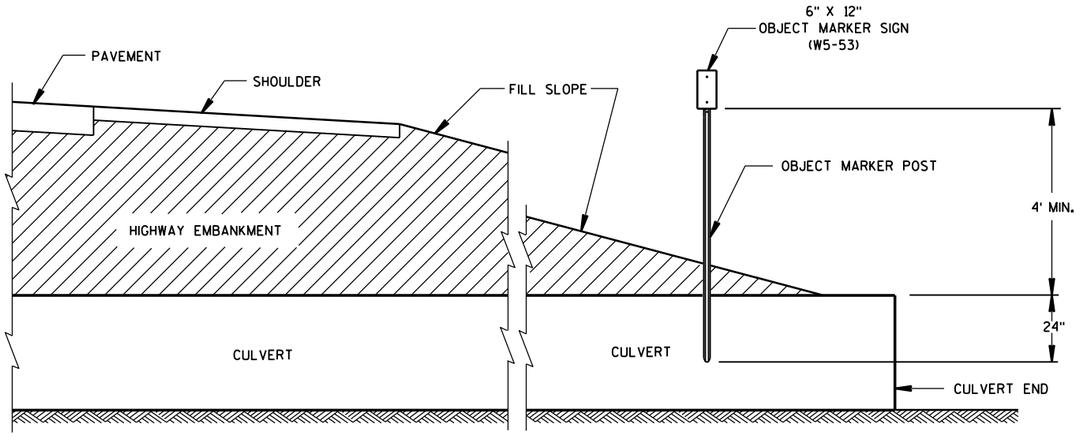


OBJECT MARKER POST

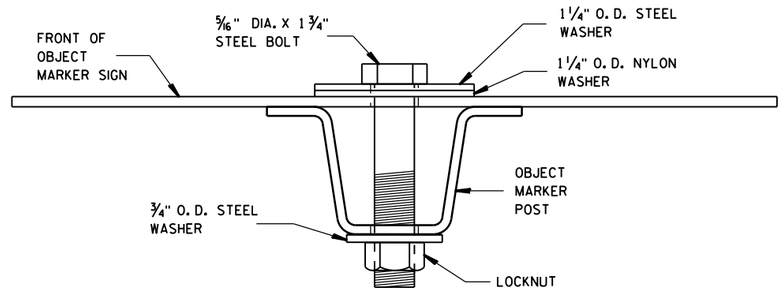


SECTION A-A

WEIGHT 1.12 LBS PER FT. ± 0.1 LB.



CROSS SECTION
OBJECT MARKER PLACEMENT



MOUNTING DETAIL FOR
OBJECT MARKER SIGN

OBJECT MARKER
FOR HAZARDOUS CULVERT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER
FHWA

APPROVED FOR DESIGN OF STATE ADJUSTMENTS OCTOBER, 2019

6

S.D.D. 15 A 7-2

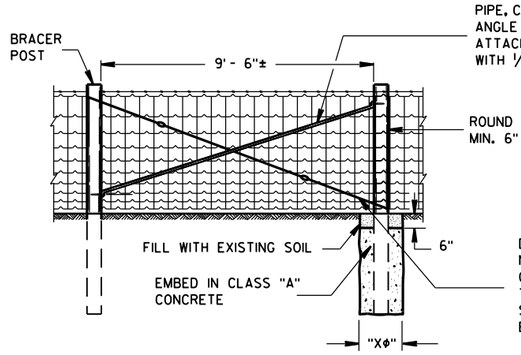
6

S.D.D. 15 A 7-2

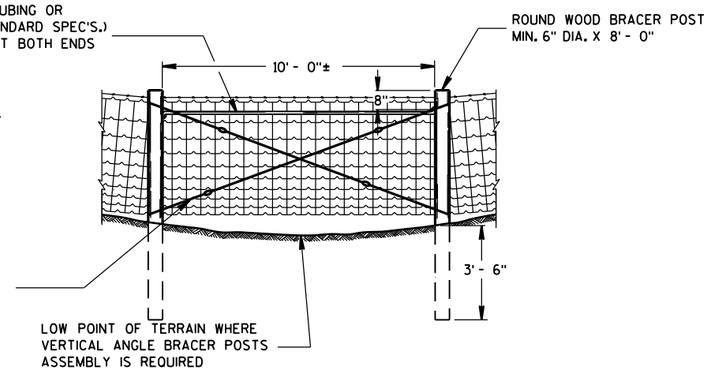
SDD 15b1-a Fence Woven Wire

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

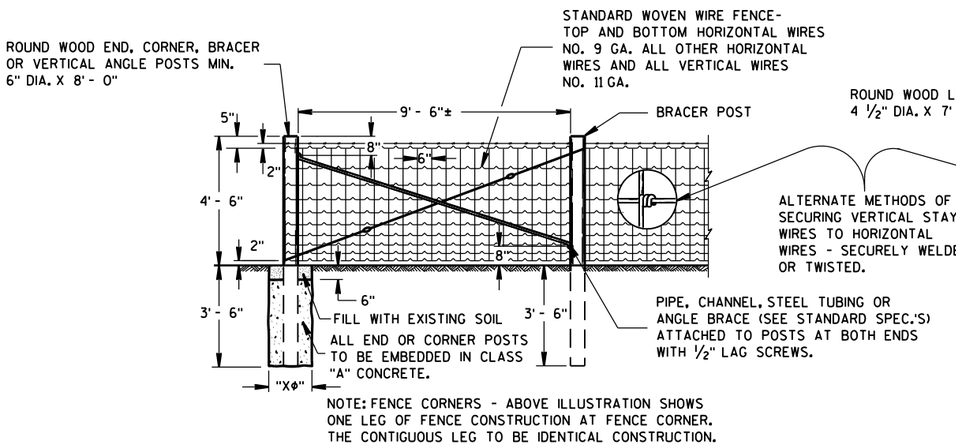
ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY

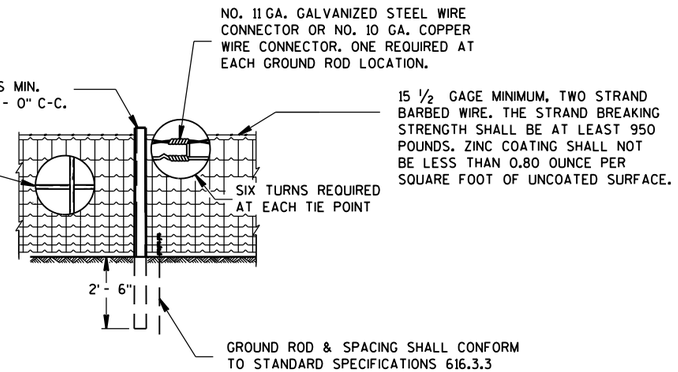


VERTICAL ANGLE BRACER POSTS ASSEMBLY



NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY



LINE FENCE CONSTRUCTION

GENERAL NOTES

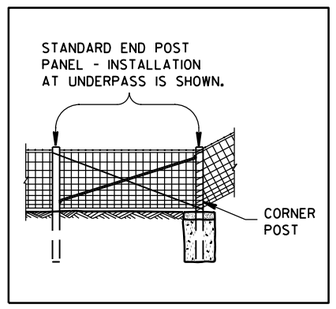
"XΦ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

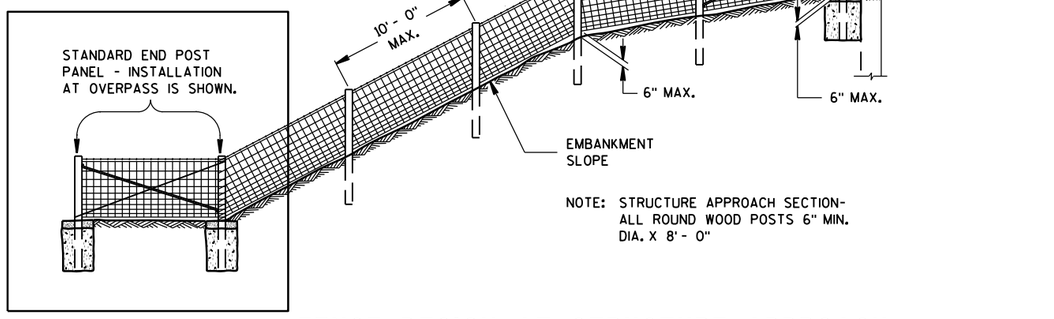
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



FENCE DESIGN AT STRUCTURE APPROACH

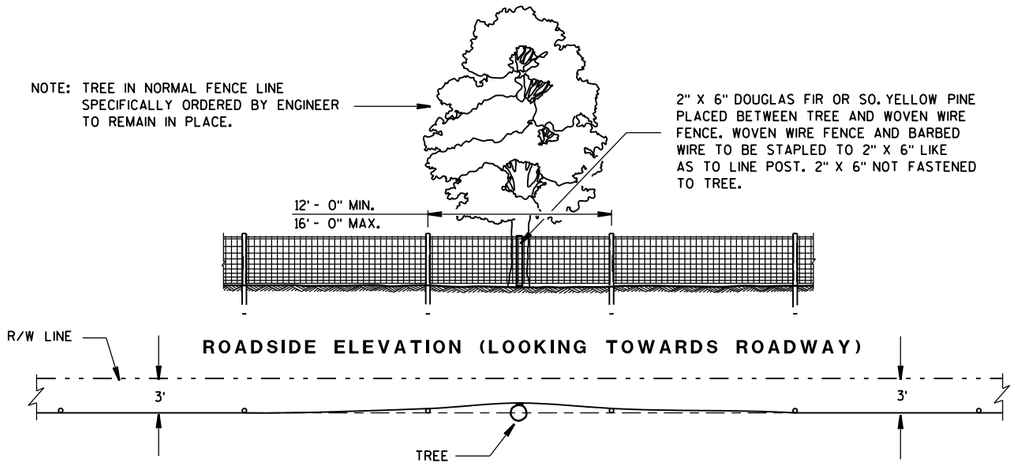
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 15 B 1-8a

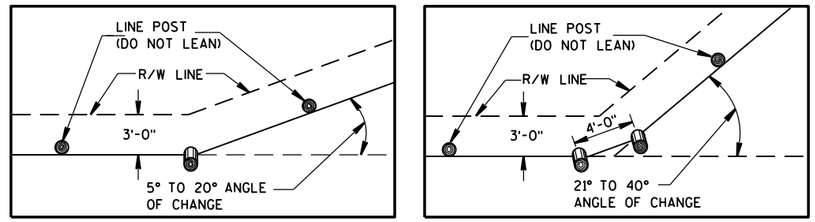
SDD 15b1-b Fence Woven Wire



ROADSIDE ELEVATION (LOOKING TOWARDS ROADWAY)

PLAN VIEW

FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



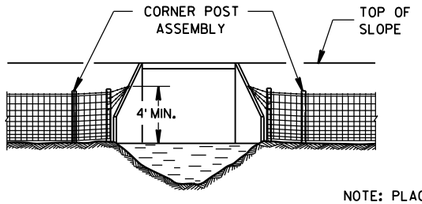
PLAN VIEW
SINGLE POST CORNER

PLAN VIEW
DOUBLE POST CORNER

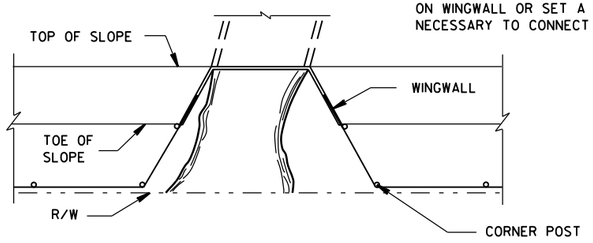
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

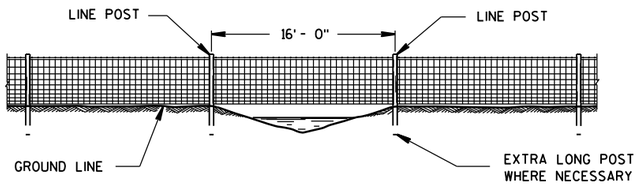
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



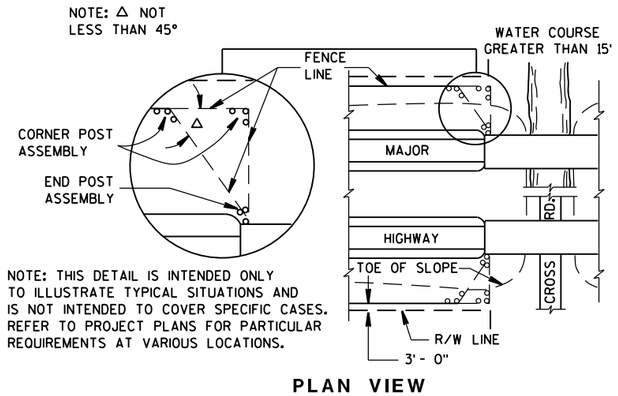
NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.



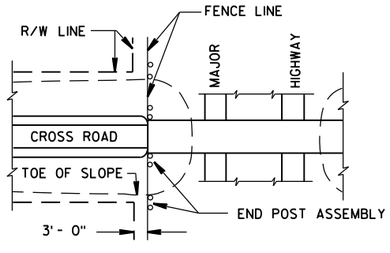
FENCE INSTALLATION TO WINGWALLS



FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH



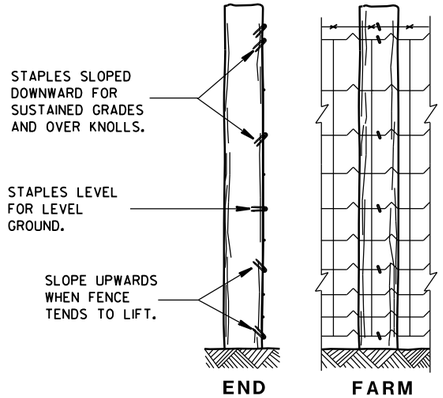
PLAN VIEW
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



PLAN VIEW
MAJOR HIGHWAY UNDERPASS

FENCE LOCATION AT STRUCTURES

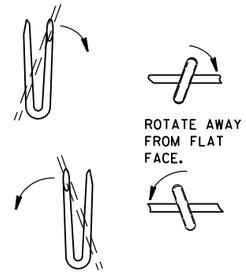
NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



END ELEVATION

FARM SIDE ELEVATION

FENCE MOUNTING DETAIL



LINE POST

FENCE WOVEN WIRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/4/2008
DATE

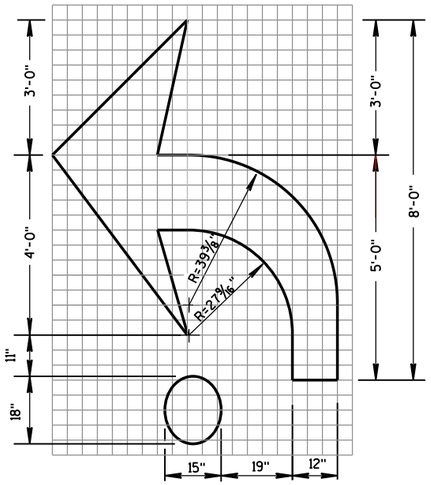
/S/ Jerry Hagen
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

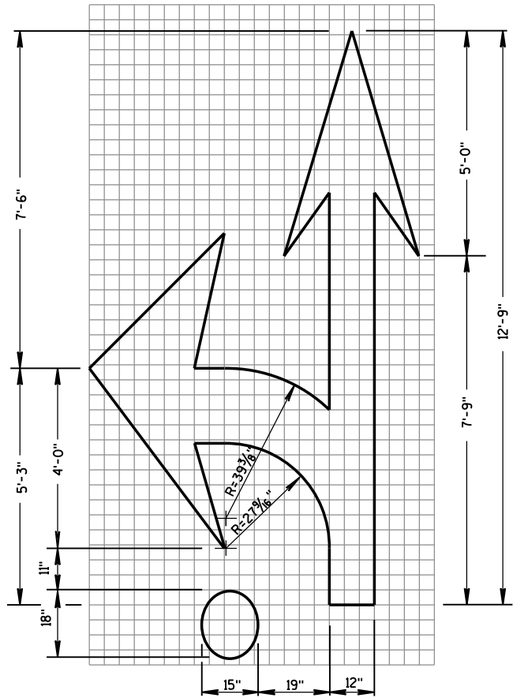
APPROVED FOR DESIGN OPTIONS AND ADJUSTMENTS OCTOBER, 2019

6
S.D.D. 15 B 1-8b

SDD 15c7-d Pavement Marking Words, Symbols and Arrows



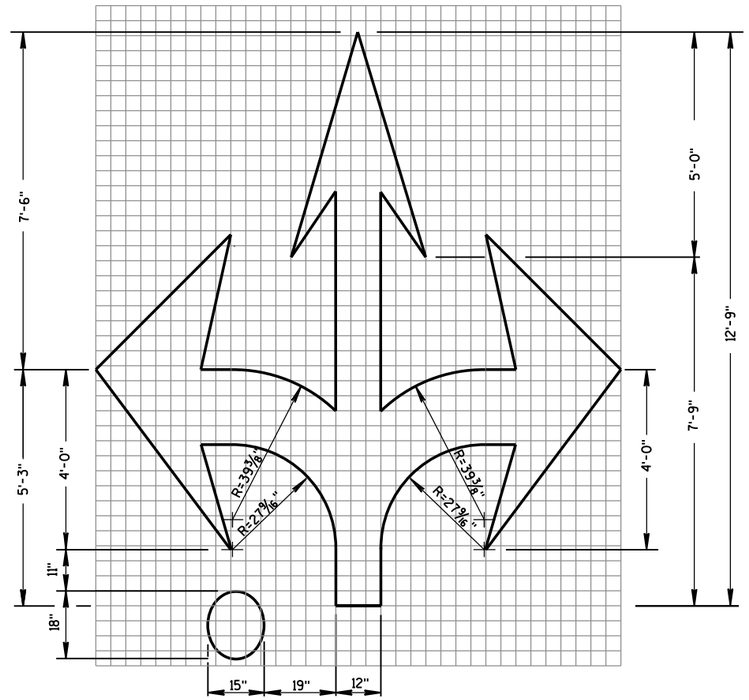
TYPE 2R



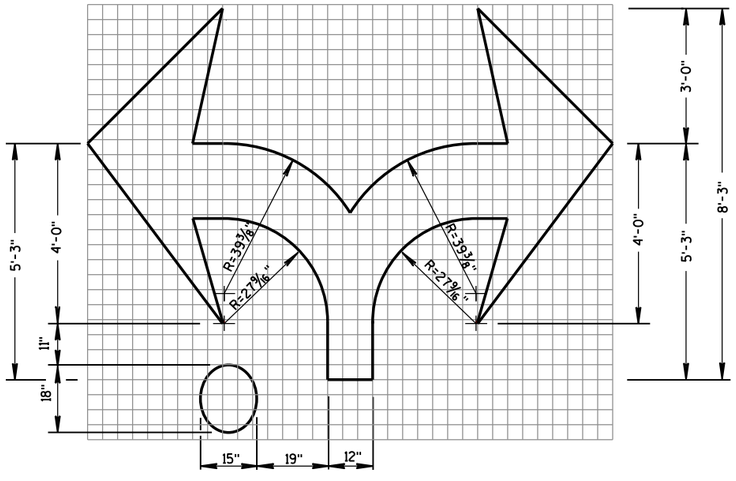
TYPE 3R

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 6R



TYPE 7R

ROUNDABOUT ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE

/S/ Matthew R Bauch
STATE SIGNING AND MARKING ENGINEER

FHWA

APPROVED FOR DESIGN
OF ENTITY ADJUSTMENTS
OCTOBER, 2019

6

S.D.D. 15 C 7-14d

6

S.D.D. 15 C 7-14d

SDD 15c15 36-Inch Diameter Full Span Overhead Sign Support Base

GENERAL NOTES

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER FABRICATION DRAWING.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

SIGN SUPPORTS SHALL BE LOCATED NORMAL TO ROADWAY.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BAR CAGE TO BE ASSEMBLED USING TIE WIRES ONLY, NO WELDING.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACK FILLING AROUND THE BASE. ANY REQUIRED BACKFILL SHALL BE WELL COMPACTED IN LAYERS OF 1 FOOT OR LESS. COMPACTION SHALL BE BY MECHANICAL MEANS. CARE SHALL BE TAKEN SO NO DAMAGE OCCURS TO THE CONCRETE BASE DURING COMPACTION.

EXCAVATION OF MATERIALS NOT OCCUPIED BY CONCRETE SHALL BE MINIMIZED TO REDUCE DISTURBANCE OF THE SURROUNDING SOILS.

THE BOTTOM OF THE DRILLED HOLE SHALL BE FIRM AND THOROUGHLY CLEANED SO NO LOOSE OR COMPRESSIBLE MATERIALS ARE PRESENT AT THE TIME OF THE CONCRETE PLACEMENT.

IF THE DRILLED HOLE CONTAINS STANDING WATER, THE CONCRETE SHALL BE PLACED USING A TREMIE TO DISPLACE THE WATER.

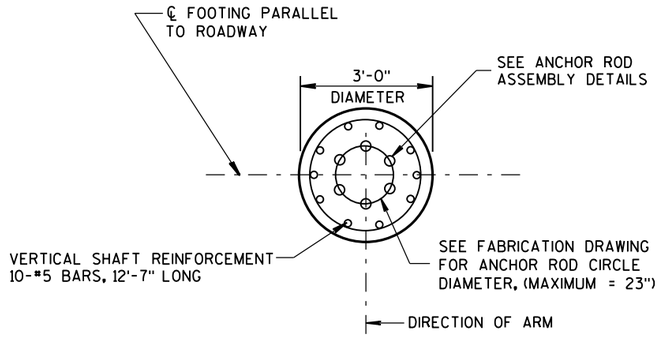
THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

FORM ALL EXPOSED CONCRETE CORNERS WITH ¾" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

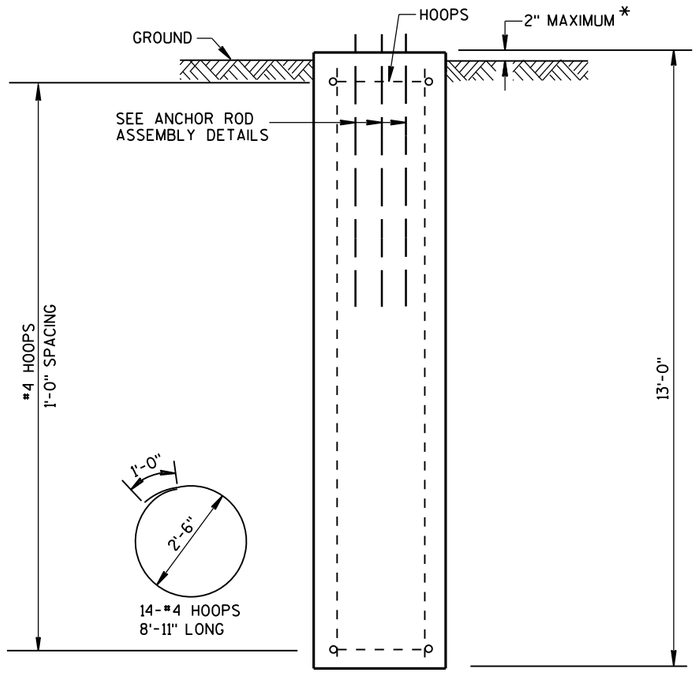
ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

CONCRETE MASONRY	fc=3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy=60,000 p.s.i.
ANCHOR RODS, ASTM F1554, GRADE 55	fy=55,000 p.s.i.
ASTM A563A HEAVY HEX NUTS, AND ASTM F436 WASHERS.	
PLATES, ASTM A709, GRADE 36	fy=36,000 p.s.i.

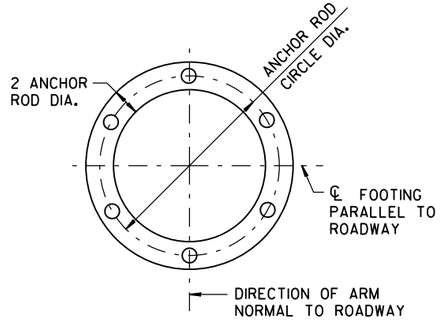
THIS FOOTING HAS BEEN DESIGNED FOR SITES WHERE SOILS EXHIBIT A PHI-ANGLE GREATER THAN OR EQUAL TO 20 DEGREES (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 350 PSF (COHESIVE SOILS).



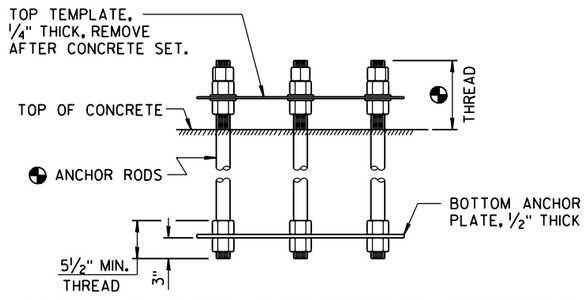
PLAN VIEW



ELEVATION VIEW



TOP TEMPLATE AND BOTTOM ANCHOR PLATE



ANCHOR ROD ASSEMBLY DETAILS

⊕ MINIMUM OF 6 ANCHOR RODS, EXACT NUMBER, SIZE, DIMENSION AND ORIENTATION AS SHOWN ON FABRICATION DRAWING.

* FOR OVERHEAD SIGN SUPPORTS THAT ARE INSTALLED ADJACENT TO SIDEWALKS, THE TOP OF THE BASE SHALL BE POURED FLUSH WITH THE GROUND.

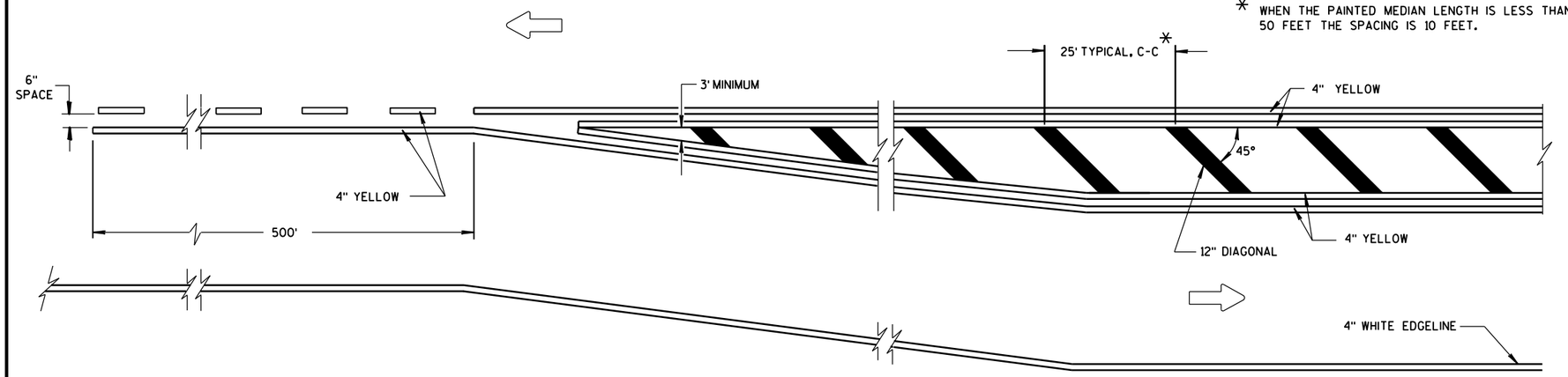
CONCRETE - 3.4 C.Y. PER FOOTING
H.S. REINFORCEMENT - 215 LBS. PER FOOTING

APPROVED FOR DESIGN OF STRUCTURES ADJUSTMENTS OCTOBER, 2016

36" DIAMETER FULL SPAN OVERHEAD SIGN SUPPORT BASE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2016 DATE	/S/ Vu Thao WIND LOADED STRUCTURES PROGRAM LEADER
FHWA	

6
S.D.D. 15 C 15-5

SDD 15c18 Median Island Marking

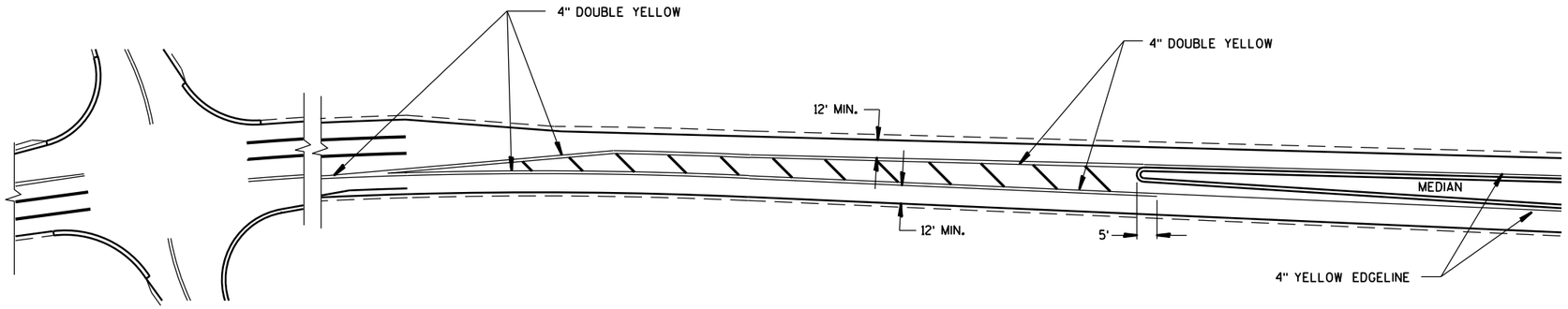


MEDIAN ISLAND DETAIL

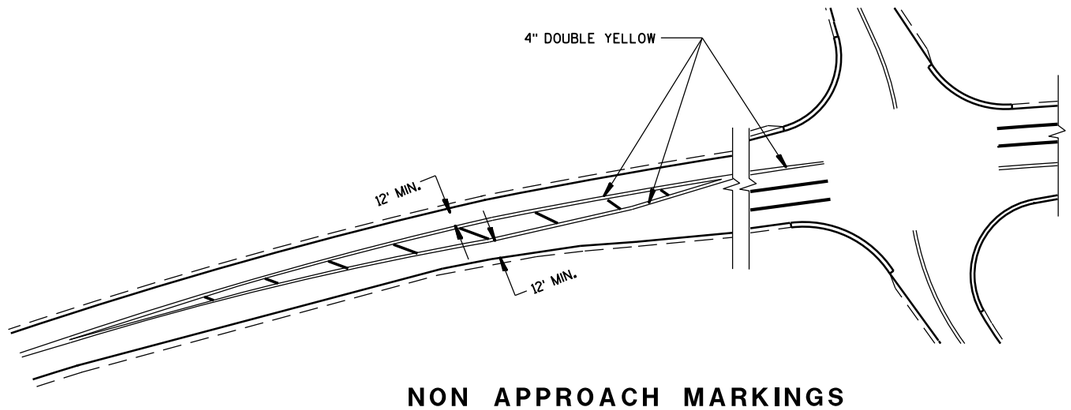
GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

DIRECTION OF TRAVEL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	

APPROVED FOR DESIGN OFFICE ONLY ADJUSTMENTS ACCEPTED PER 2010

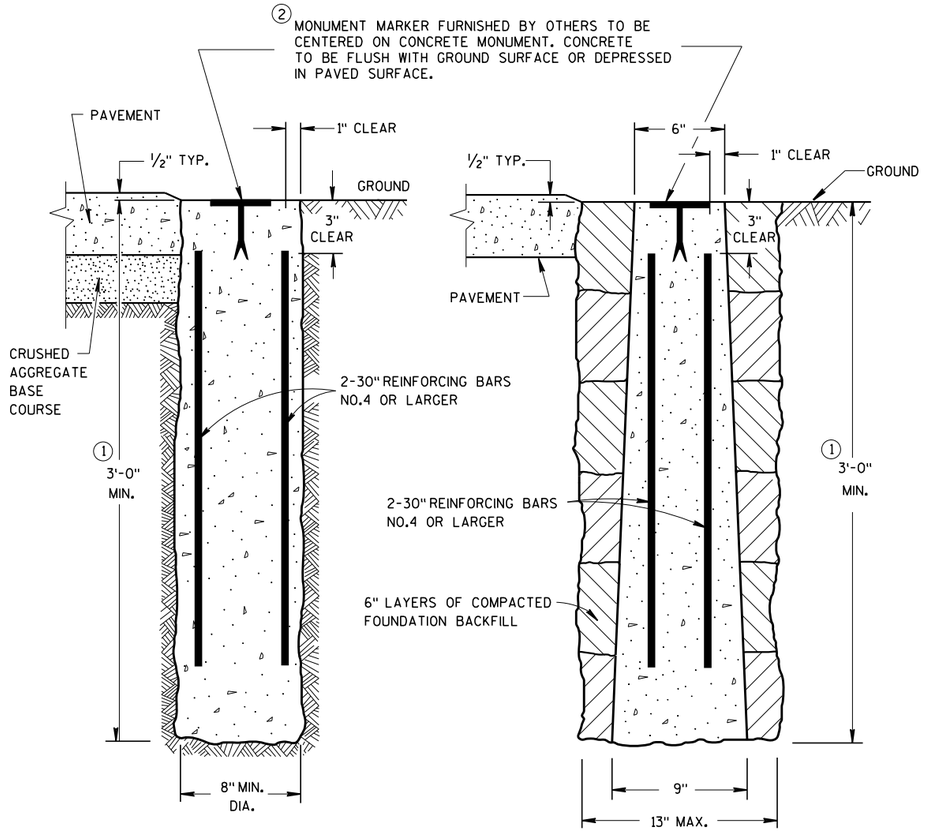
6

S.D.D. 15 C 18-4

6

S.D.D. 15 C 18-4

SDD 16a1 Landmark Reference Monuments and Covers

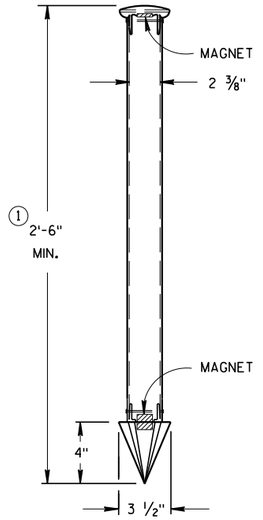


CAST-IN-PLACE

PRECAST

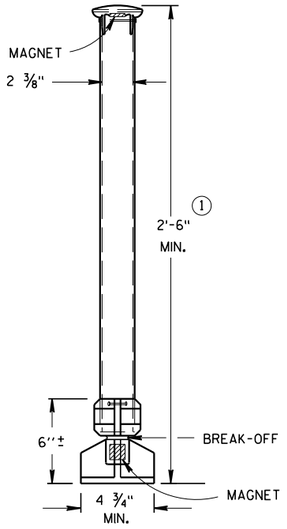
CONCRETE MONUMENTS

TYPE A



TYPE C

DRIVE-IN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)

GENERAL NOTES

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

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

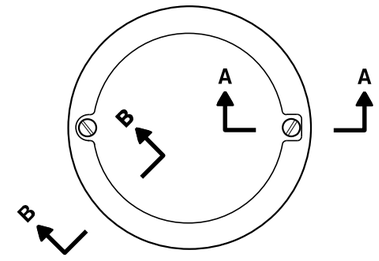
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

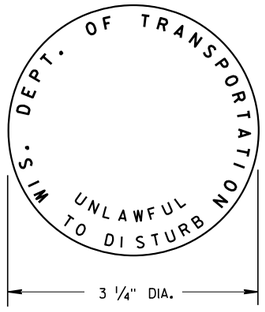
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.

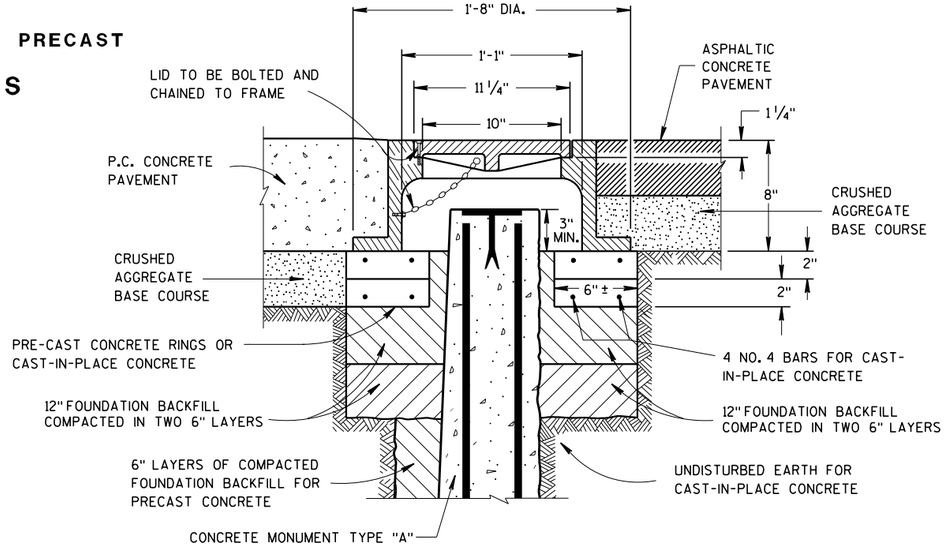


TOP VIEW



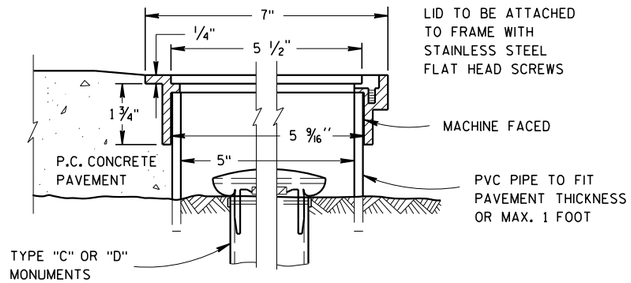
② WIS DOT MONUMENT MARKER LOGO

FOR TYPES "A", "C", & "D"



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT 95 LBS)



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED March 2018 DATE FHWA	/S/ Raymond A. Chapayl CHIEF SURVEYING AND MAPPING ENGINEER

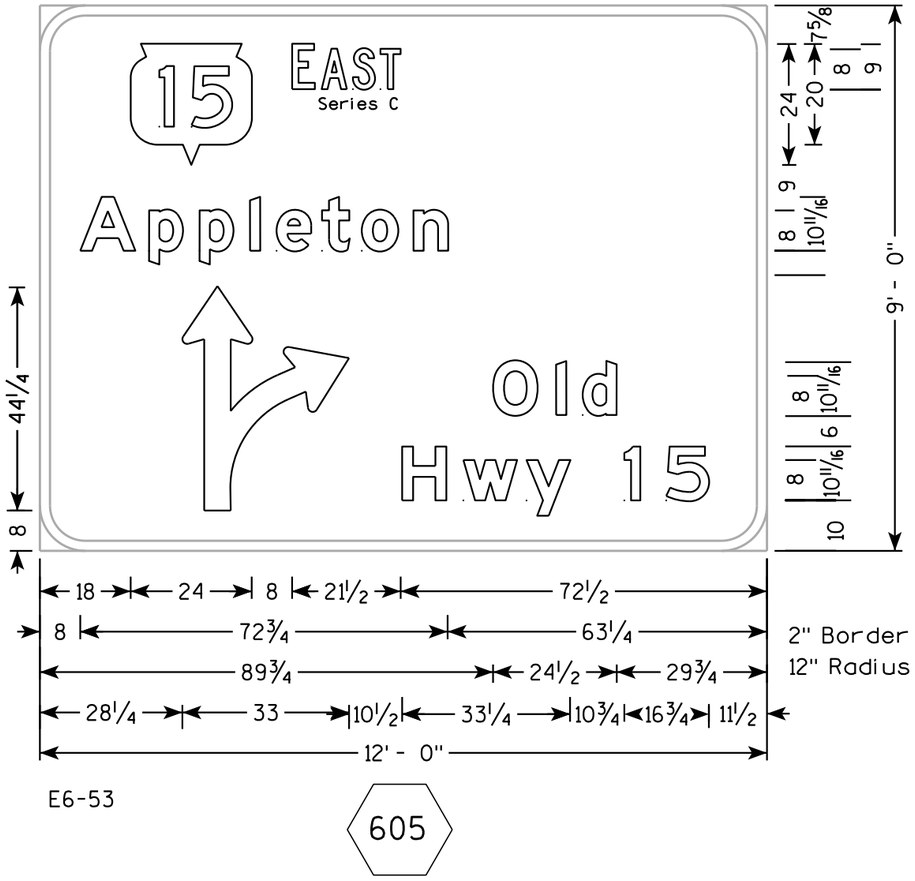
APPROVED FOR DESIGN OFFUTILITY ADJUSTMENTS OCTOBER, 2015

6 S.D.D. 16 A 1-7

6 S.D.D. 16 A 1-7

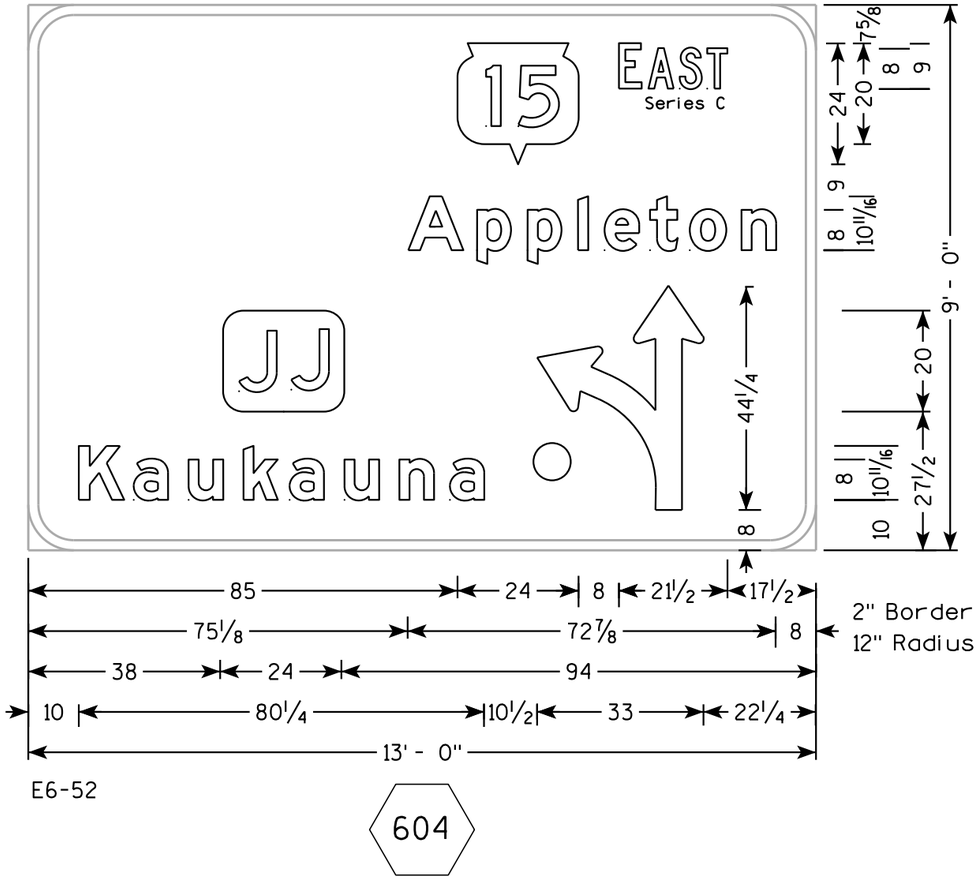
NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except as noted



E6-53

605



E6-52

604

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

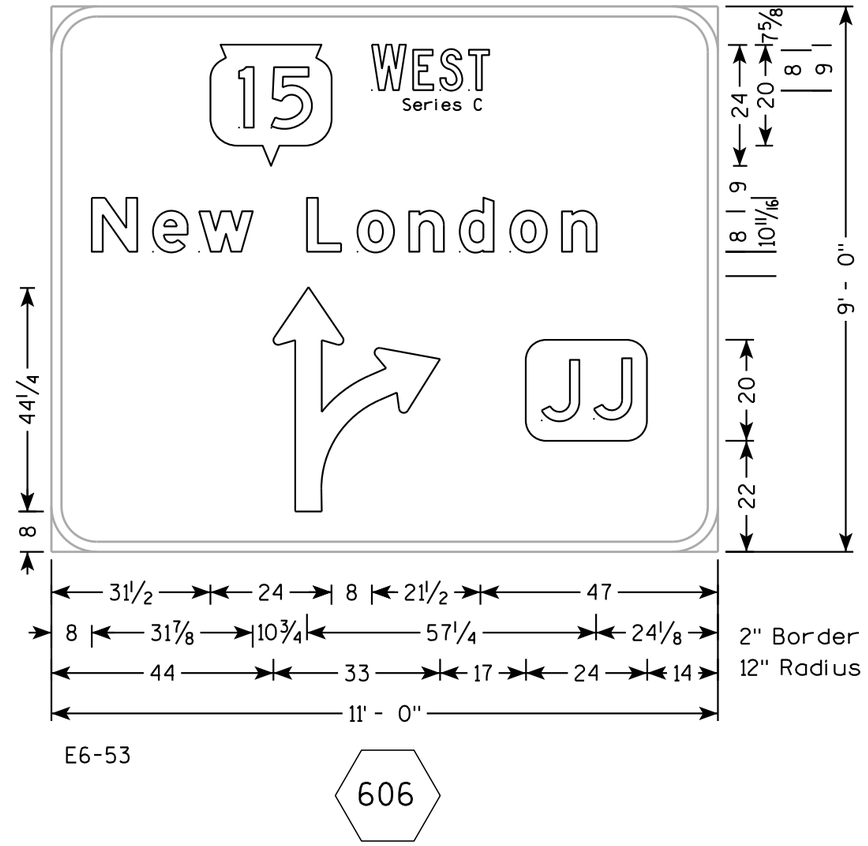
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 279	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\070101_sd.dgn PLOT DATE : 25-AUG-2017 13:52 PLOT BY : dotets PLOT NAME : PLOT SCALE : 30:1

7

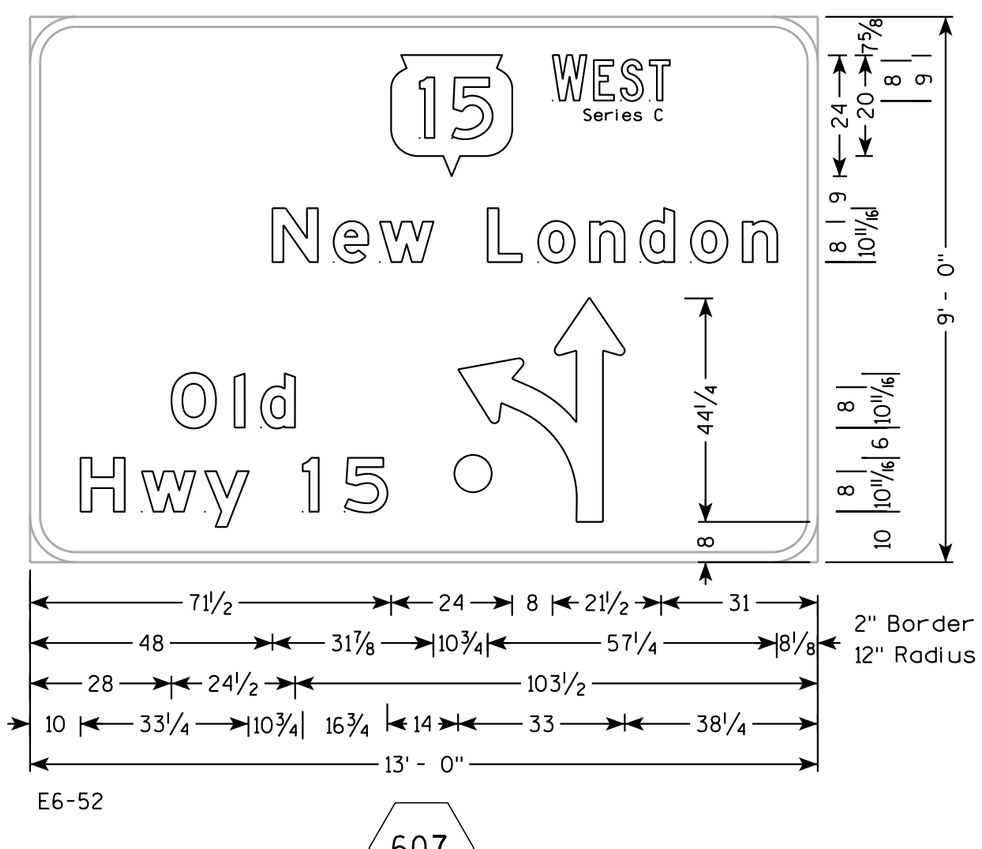
NOTES

1. All Signs areType I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except as noted



E6-53

606



E6-52

607

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 280	E

FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\070102_sd.dgn PLOT DATE : 25-AUG-2017 13:52 PLOT BY : dotets PLOT NAME : PLOT SCALE : 30:1

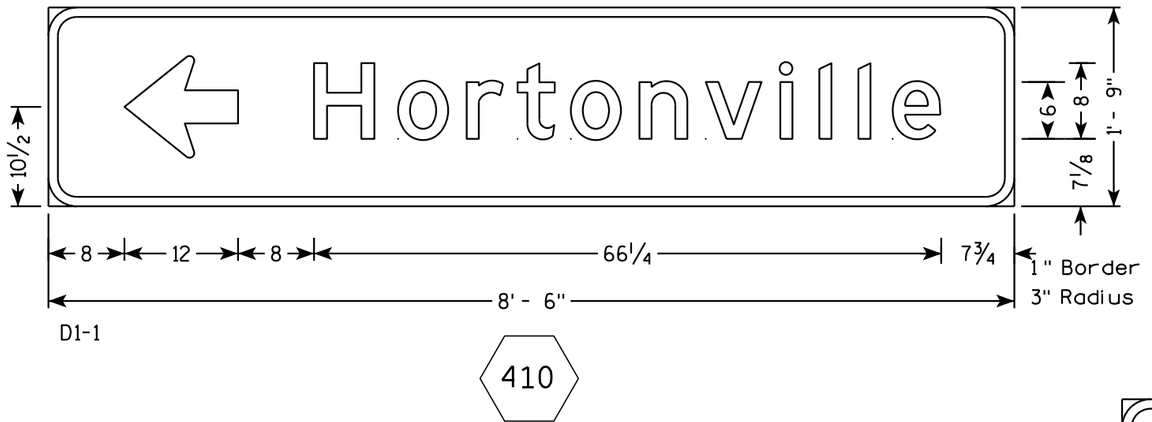
WISDOT/CADDS SHEET 42

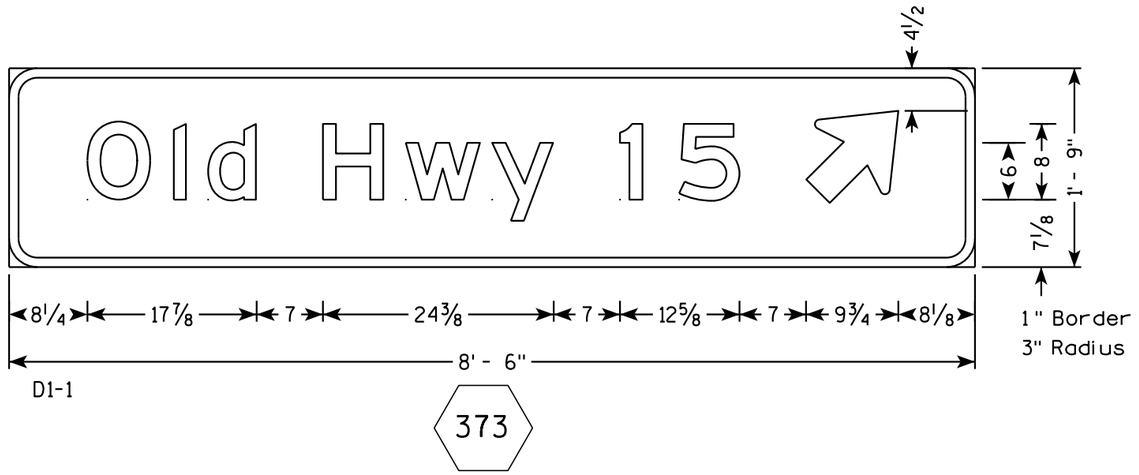
7

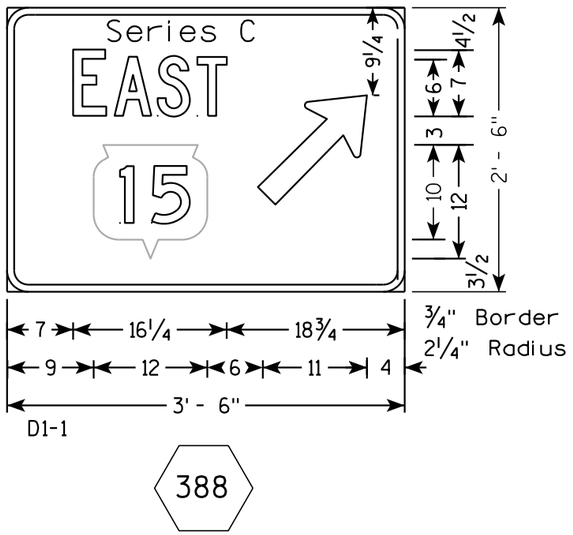
7

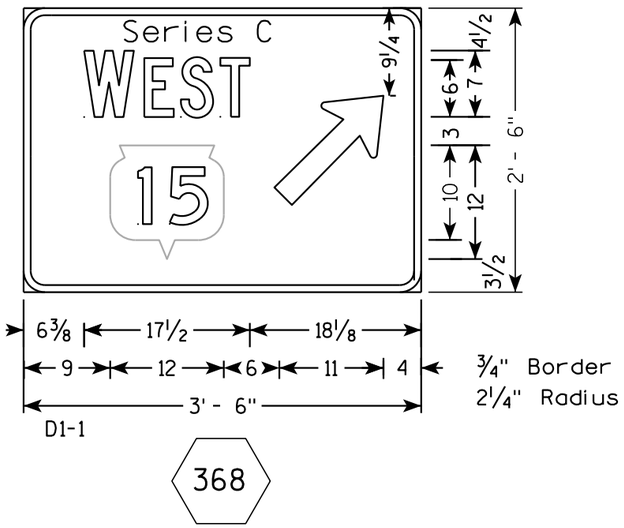
NOTES

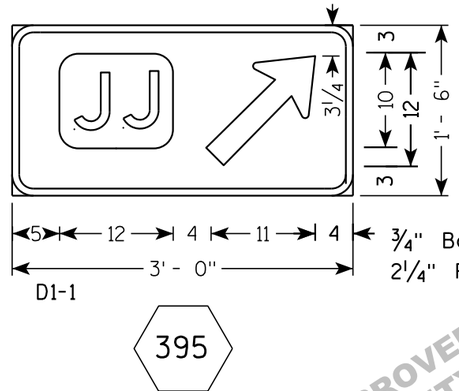
1. All SignsType II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E











APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

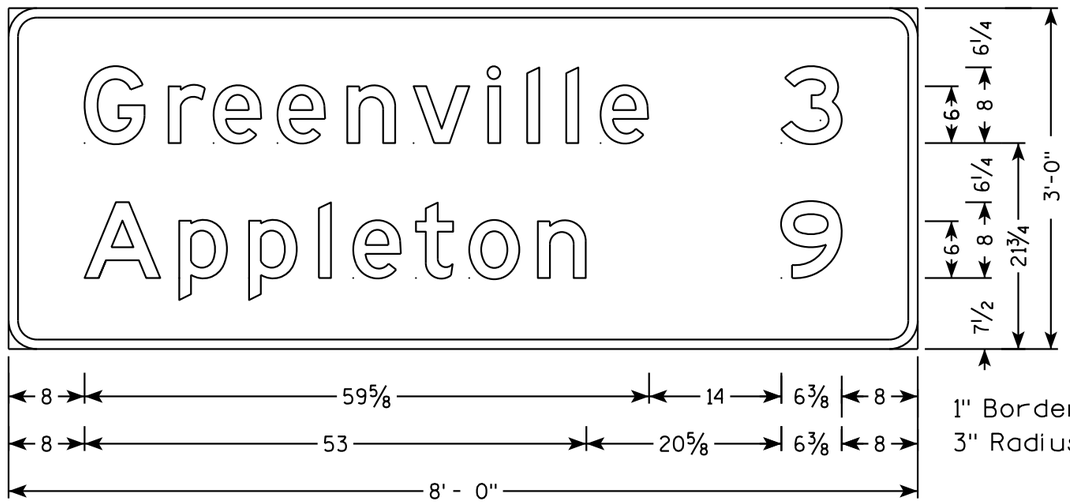
7

7

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 281	E

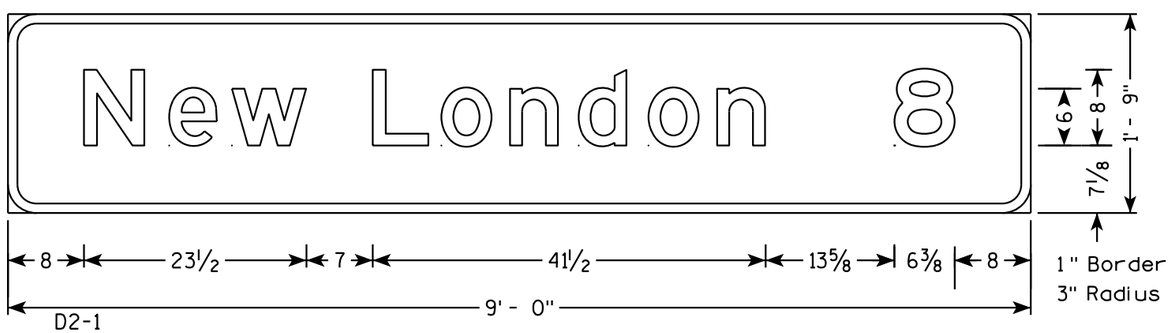
NOTES

1. All SignsType II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E except as Shown



D2-2

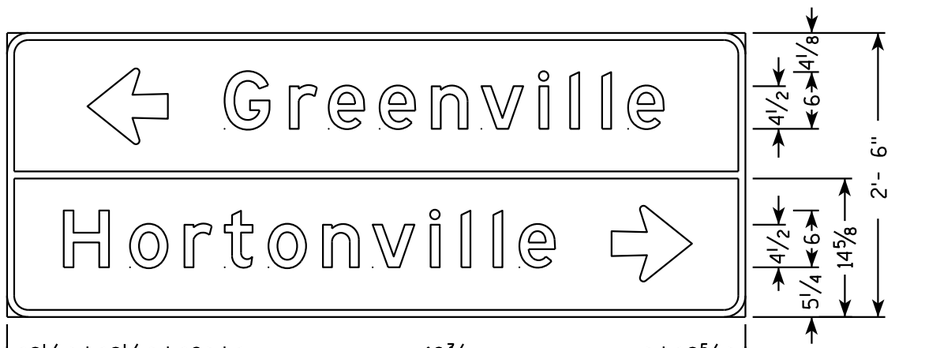
415



1" Border
3" Radius

D2-1

359



¾" Border
2¼" Radius

D1-2

396
A

APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 282	E

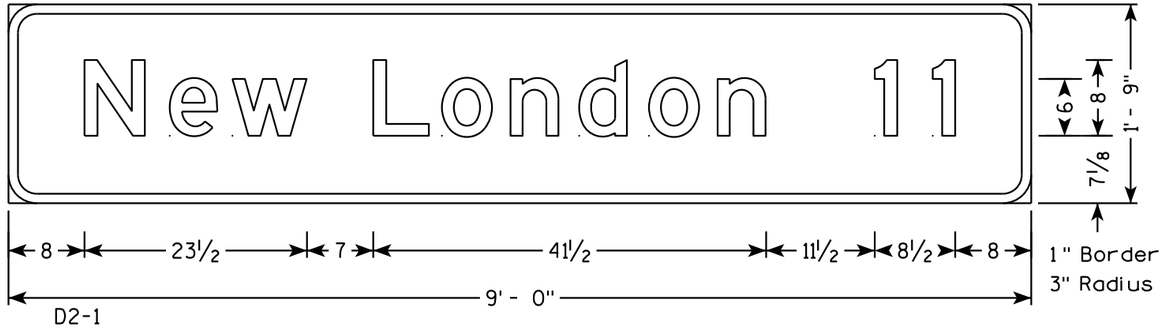
FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\78_sd.dgn PLOT DATE : 25-AUG-2017 13:52 PLOT BY : dotets PLOT NAME : PLOT SCALE : 16:1

WISDOT/CADDS SHEET 42

NOTES

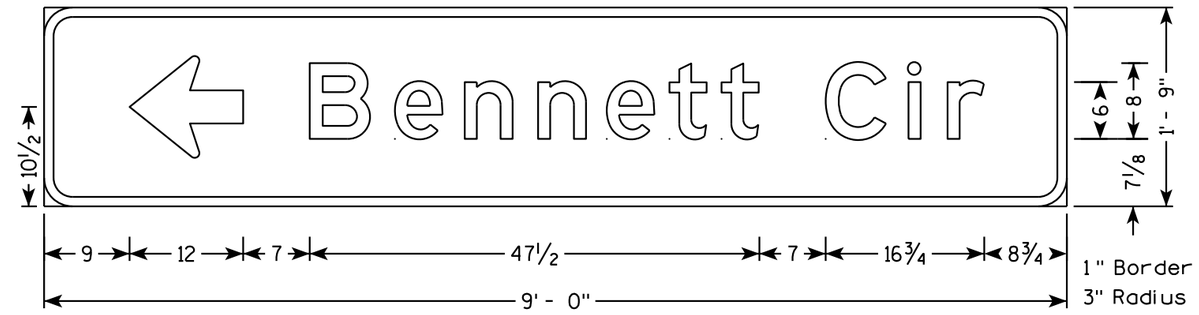
1. All SignsType II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E

513

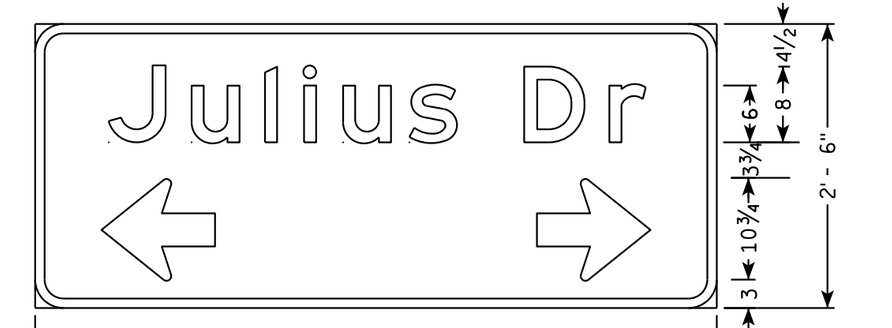


D2-1

465



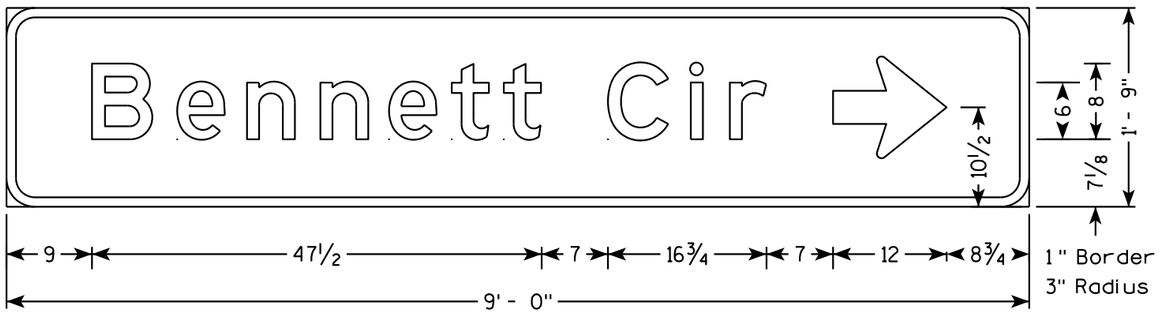
D1-1



D1-61

482 512

477



D1-1



D1-61

434 459

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

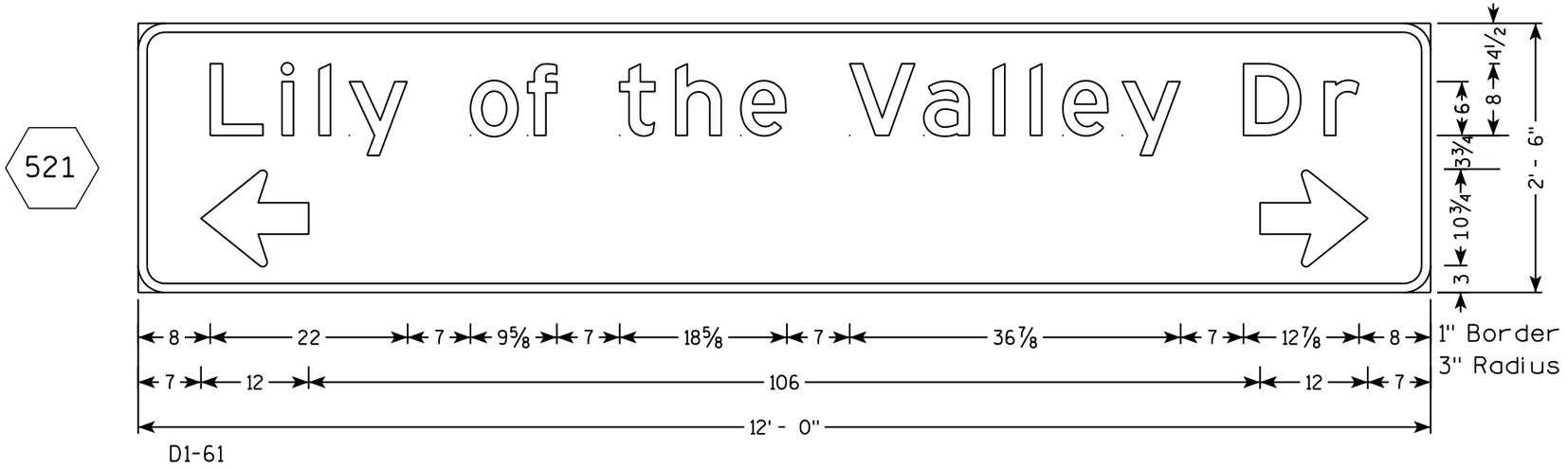
7

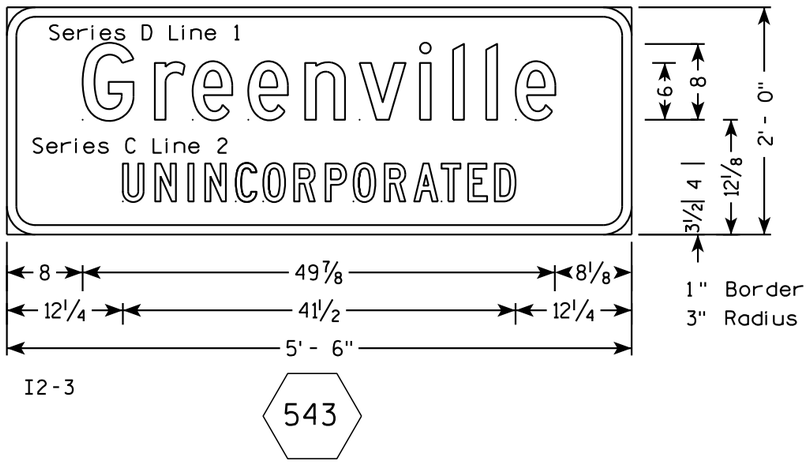
7

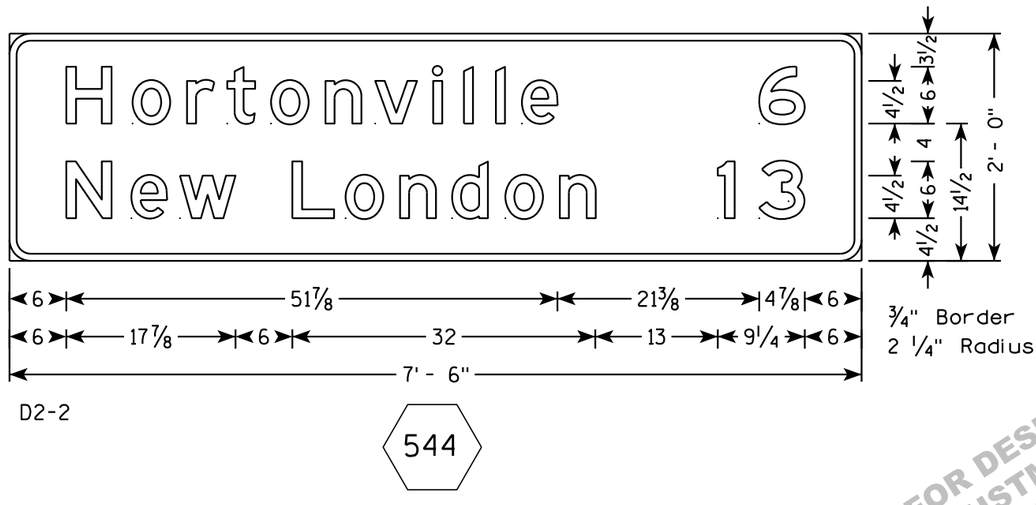
PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 283	E

NOTES

1. All SignsType II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E







APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
OCTOBER, 2019

PROJECT NO: 1146-75-72	HWY: STH 15	COUNTY: OUTAGAMIE	PERMANENT SIGNING	SHEET NO: 284	E

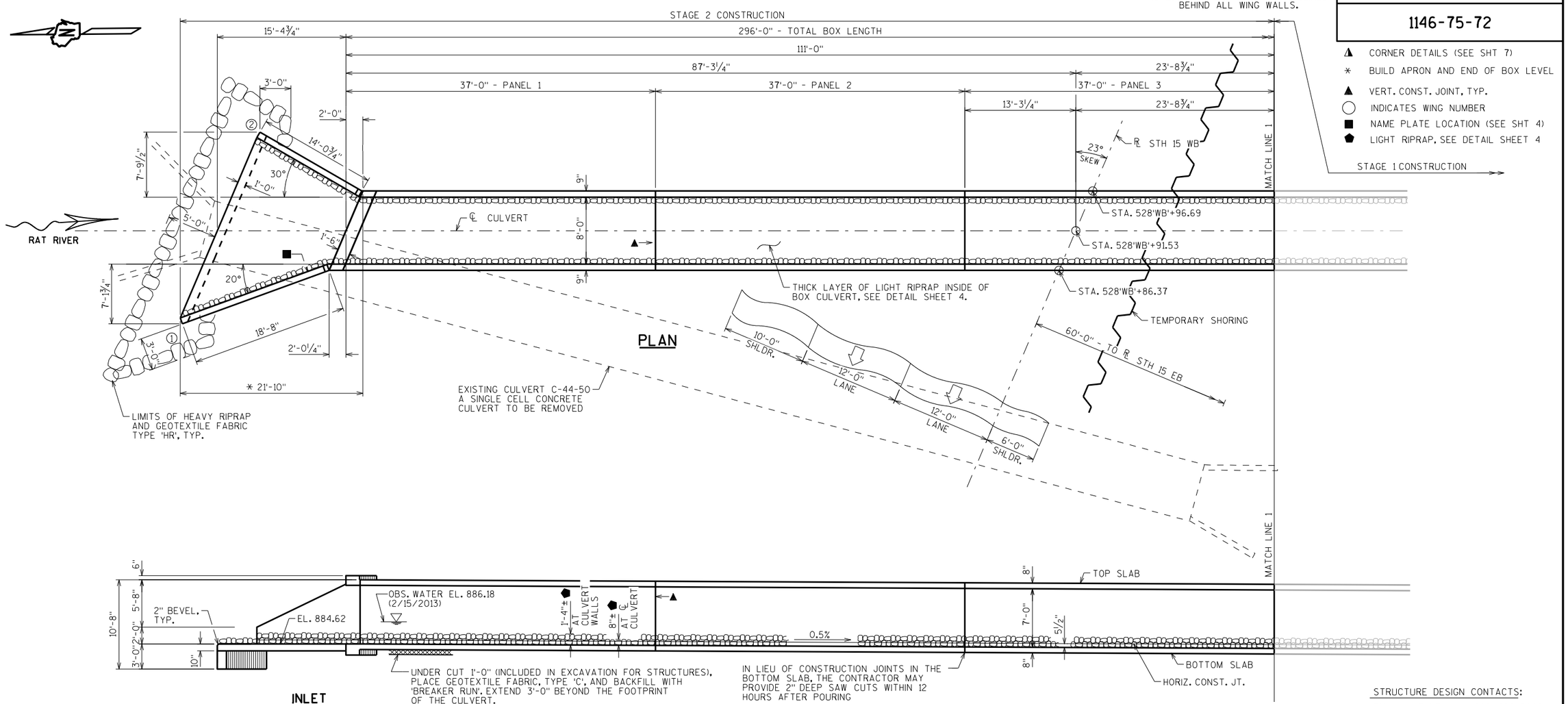
FILE NAME : N:\spo\traffic\SIGNING\Projects\1146-75-00 STH 15 Bypass\1146-75-72 East Segment\72_sd.dgn PLOT DATE : 25-AUG-2017 14:01 PLOT BY : dotets PLOT NAME : PLOT SCALE : 16:1

WISDOT/CADDS SHEET 42

NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.

STATE PROJECT NUMBER
1146-75-72

- ◭ CORNER DETAILS (SEE SHT 7)
- ✳ BUILD APRON AND END OF BOX LEVEL
- ▲ VERT. CONST. JOINT, TYP.
- ◯ INDICATES WING NUMBER
- ■ NAME PLATE LOCATION (SEE SHT 4)
- ⬟ LIGHT RIPRAP, SEE DETAIL SHEET 4



STRUCTURE DESIGN CONTACTS:

EMILY KUEHNE	(608) 266-5089
AARON BONK	(608) 261-0261

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.05
OPERATING RATING FACTOR: RF = 1.35
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 255(KIPS)

EARTH LOAD: DESIGNED FOR A 7.0 FT. - 12.0 FT. OF FILL.

MATERIAL PROPERTIES:
CONCRETE MASONRY, GRADE A-FA:
ALL ——— f'c = 3,500 P.S.I.

BAR STEEL REINFORCEMENT:
GRADE 60 ——— fy = 60,000 P.S.I.

TRAFFIC VOLUME

STH 15
ADT = 20,000 (2040)
R.D.S. = 60 M.P.H.

HYDRAULIC DATA

100 YEAR FREQUENCY
Q_{100} = 300 C.F.S.
VEL. = 10.65 F.P.S.
$HW._{100}$ = EL. 892.93
DRAINAGE AREA = 0.46 SQ. MI.
ROADWAY OVERTOPPING = N/A

2 YEAR FREQUENCY
Q_2 = 50 C.F.S.
$HW._2$ = EL. 888.36

LIST OF DRAWINGS

1. LAYOUT 1
2. LAYOUT 2
3. LAYOUT 3
4. QUANTITIES & NOTES
5. BOX DETAILS
6. APRON
7. APRON DETAILS
8. SUBSURFACE EXPLORATION

NO.	DATE	REVISION	BY

BUREAU OF STRUCTURES

ACCEPTED _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE C-44-125

STH 15 OVER RAT RIVER

COUNTY	TOWN
OUTAGAMIE	GREENVILLE

DESIGN SPEC: AASHTO LRFD DESIGN SPEC. 5TH EDITION

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
EMK	LMK	EMK	

LAYOUT 1

SHEET 1 OF 8

285

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER, 2019

I.D. 1146-75-00R DATE: JAN. 2017

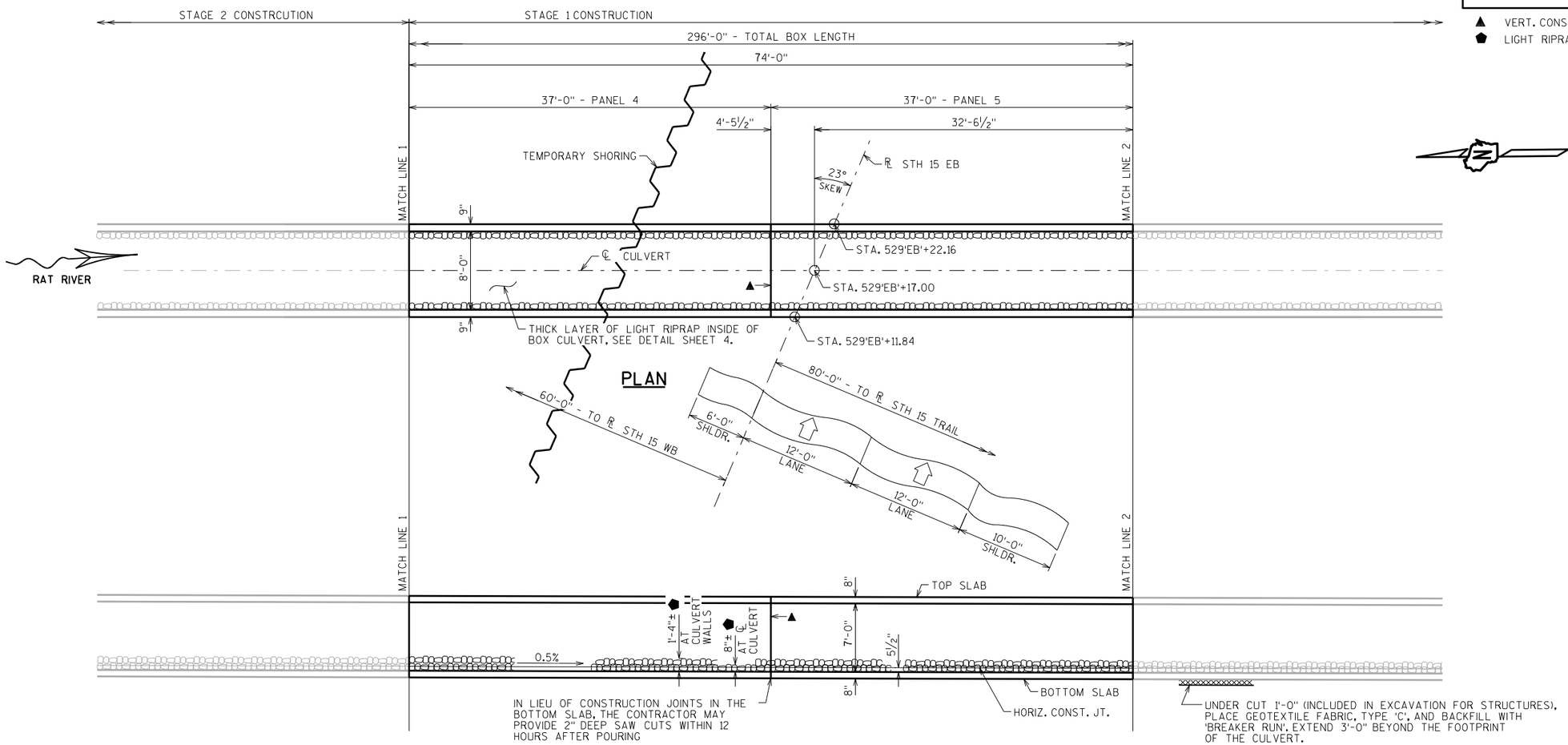
SCALE = 6.00

8 8

NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.

STATE PROJECT NUMBER
1146-75-72

▲ VERT. CONST. JOINT (TYP.)
⬟ LIGHT RIPRAP, SEE DETAIL SHEET 4



ELEVATION

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

LAYOUT 2

SHEET 2
286

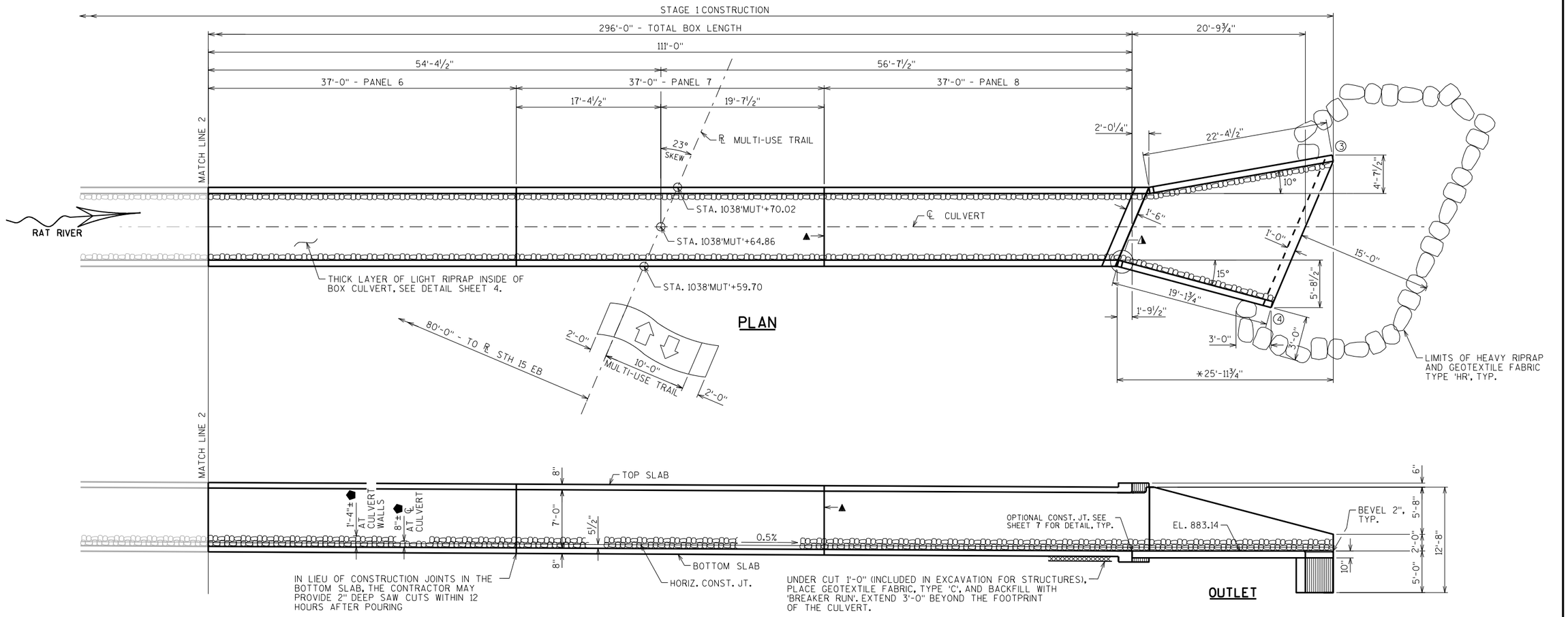
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 6.00

NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.

STATE PROJECT NUMBER
1146-75-72

- ◭ CORNER DETAILS (SEE SHT XX)
- ✳ BUILD APRON AND END OF BOX LEVEL
- ▲ VERT. CONST. JOINT, TYP.
- ◯ INDICATES WING NUMBER
- ⬟ LIGHT RIPRAP, SEE DETAIL SHEET 4



8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

LAYOUT 3

SHEET 3

287

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2020

SCALE = 6.00

STATE PROJECT NUMBER

1146-75-72

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.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS C-44-125" SHALL BE THE EXISTING GROUNDLINE.

BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRATOR.

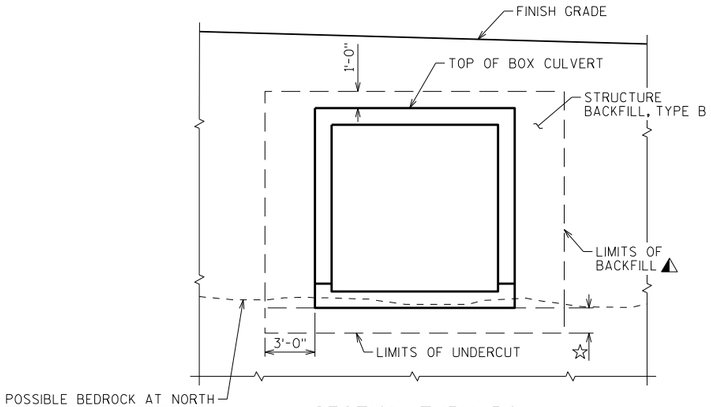
ALL VOLUME WHICH CANNOT BE PLACED BEFORE CULVERT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL WITHIN THE LENGTH OF THE CULVERT INCLUDING THE APRON WING WALLS.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

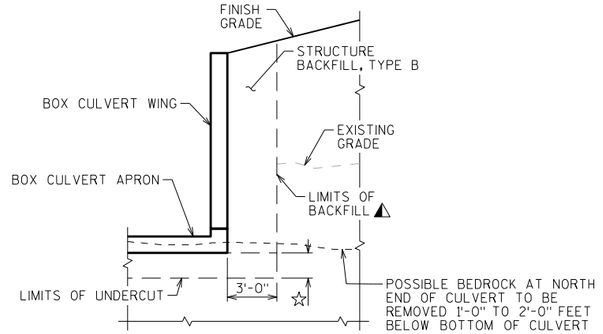
PLACE 18" (MIN.) WIDE SHEET OF "RUBBERIZED MEMBRANE WATERPROOFING" ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS ON CHAPTER 36 STANDARDS OF THE CURRENT WISC. DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

THE CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF THE BREAKER RUN, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE BOX. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL.



SECTION THRU BOX
BACKFILL PAYLIMITS



SECTION THRU BOX CULVERT WING
BACKFILL PAYLIMITS

◭ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

☆ UNDER CUT 1'-0" TO 2'-0". NORTHERN PORTION OF CULVERT MAY REQUIRE BED ROCK REMOVAL OF AT LEAST ONE FOOT BELOW BOTTOM OF CULVERT. SOURTHEN PORTION WILL REQUIRE EXCAVATING UNTIL DENSE GRAVEL SOILS OR BEDROCK IS EXPOSED. EXCAVATION FOR UNDER CUT TO BE INCLUDED IN EXCAVATION FOR STRUCTURES. PLACE "GEOTEXTILE TYPE C" AND BACKFILL WITH "BREAKER RUN".

IN LIEU OF USING BREAKER RUN FOR THE BOX CONSTRUCTION PLATFORM, THE CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL. THE REGION GEOTECHNICAL ENGINEER MAY BE CONTACTED TO DETERMINE IF "OTHER GRANULAR MATERIAL" IS ACCEPTABLE.

TOTAL ESTIMATED QUANTITIES

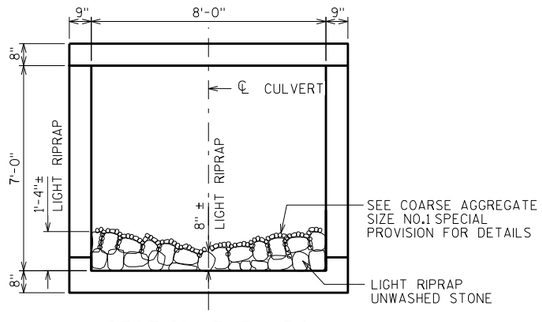
BID ITEMS

206.2000	EXCAVATION FOR STRUCTURES CULVERTS C-44-125	1	LS
210.2500	BACKFILL STRUCTURE TYPE B	1,580	TON
311.0115	BREAKER RUN	310	CY
504.0100	CONCRETE MASONRY CULVERTS	288	CY
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	48,310	LB
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	2,020	LB
511.1200	TEMPORARY SHORING C-44-125	905	SF
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	50	SY
◪ 606.0100	RIPRAP LIGHT	105	SY
606.0300	RIPRAP HEAVY	47	CY
645.0105	GEOTEXTILE FABRIC TYPE C	663	SY
645.0120	GEOTEXTILE FABRIC TYPE HR	110	SY
SPV.0195	COARSE AGGREGATE SIZE NO.1 FOR AOP BOX CULVERT	36	TON

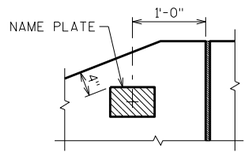
NON-BID ITEMS

FILLER	3/4"	SIZE

◪ LIGHT RIPRAP PLACED INSIDE BOX CULVERT TO BE UNWASHED STONE



SECTION THRU BOX
LIGHT RIP RAP DETAIL



NAME PLATE LOCATION
WING 4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

QUANTITIES & NOTES

SHEET 4

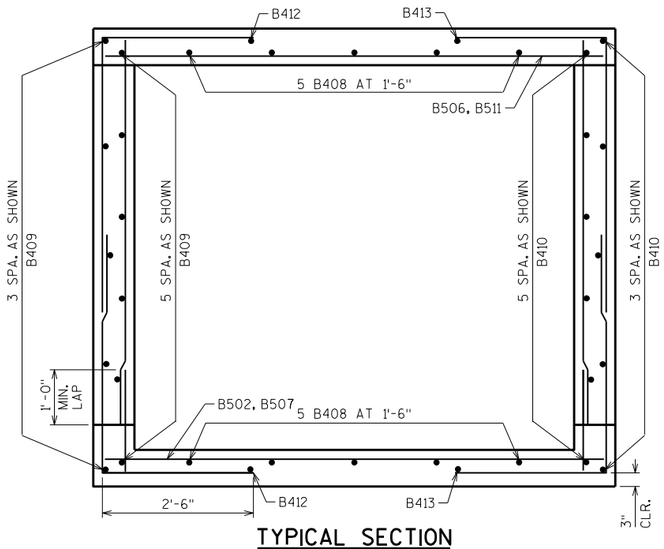
288

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 1.00

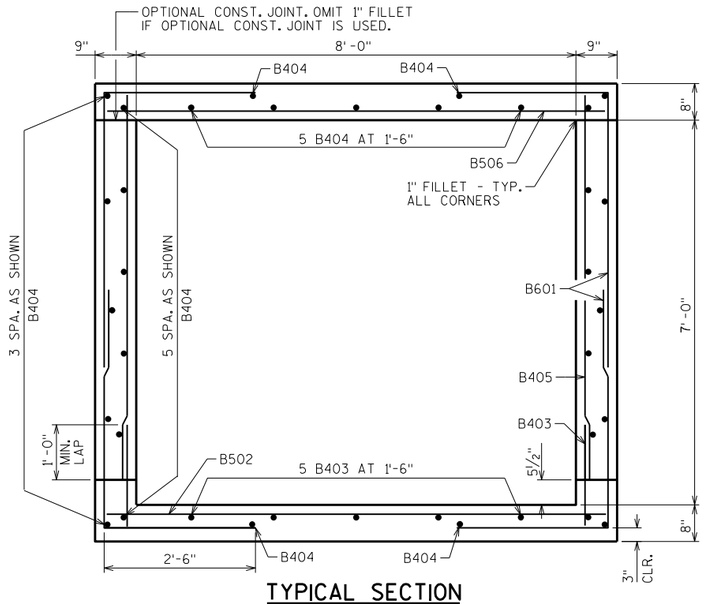
8

8



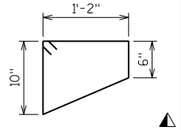
TYPICAL SECTION THRU BOX - EXTERIOR PANEL

BAR LABELS AND DIMENSIONS NOT SHOWN ARE IDENTICAL TO THOSE SHOWN IN THE INTERIOR PANEL SECTION

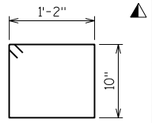


TYPICAL SECTION THRU BOX - INTERIOR PANEL

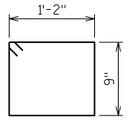
ALL LONGITUDINAL BARS NOT IDENTIFIED ARE B404 BARS AS SHOWN



B315



B316



B317

BILL OF BARS

THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE. THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A "L" SHAPED BAR. LONGER BARS OF THE SAME SIZE MAY BE SUBSTITUTED FOR SHORTER BARS. PAYMENT BASED ON BAR LENGTHS AS DETAILED.

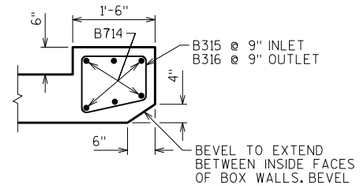
BAR MARK	COAT	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
B601		2368	7'-4"	2'-6"		CORNER
B502		538	9'-2"			BOTTOM SLAB TRANS.
B403		592	2'-0"			WALLS - DOWELS VERT.
B404		216	36'-8"			TOP & BOT. SLAB & WALL LONGIT. - INT. PANELS
B405		592	7'-0"			WALLS - VERTICAL
B506		538	9'-2"			TOP SLAB TRANS.
⚠ B507		12	5'-3"		X	BOT. SLAB TRANS. - END EXT. PANELS
⚠ B408		20	36'-8"		X	TOP & BOT. SLAB LONGIT. - EXT. PANELS
B409		22	34'-8"			WALL - LONGIT. - EXT. PANELS
B410		22	38'-5"			WALL - LONGIT. - EXT. PANELS
⚠ B511		12	5'-3"		X	TOP SLAB TRANS. - END EXT. PANELS
B412		4	35'-4"			TOP AND BOT. SLAB LONGIT. - EXT. PANELS
B413		4	37'-11"			TOP AND BOT. SLAB LONGIT. - EXT. PANELS
B714		48	9'-12"			HEADERS HORIZ.
B315		14	4'-1"	X		HEADER STIRRUP - INLET
B316		14	4'-5"	X		HEADER STIRRUP - OUTLET
B317		28	3'-11"	X		BOTTOM HEADER STIRRUP
B518		238	4'-0"			VERT. CONST. JOINT

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

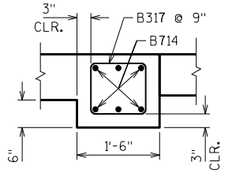
BAR SERIES TABLE

BAR MARK	NO. REQ'D.	LENGTH
B507	2 SERIES OF 6	2'-8" TO 7'-9"
B408	4 SERIES OF 5	35'-4" TO 37'-11"
B511	2 SERIES OF 6	2'-8" TO 7'-9"

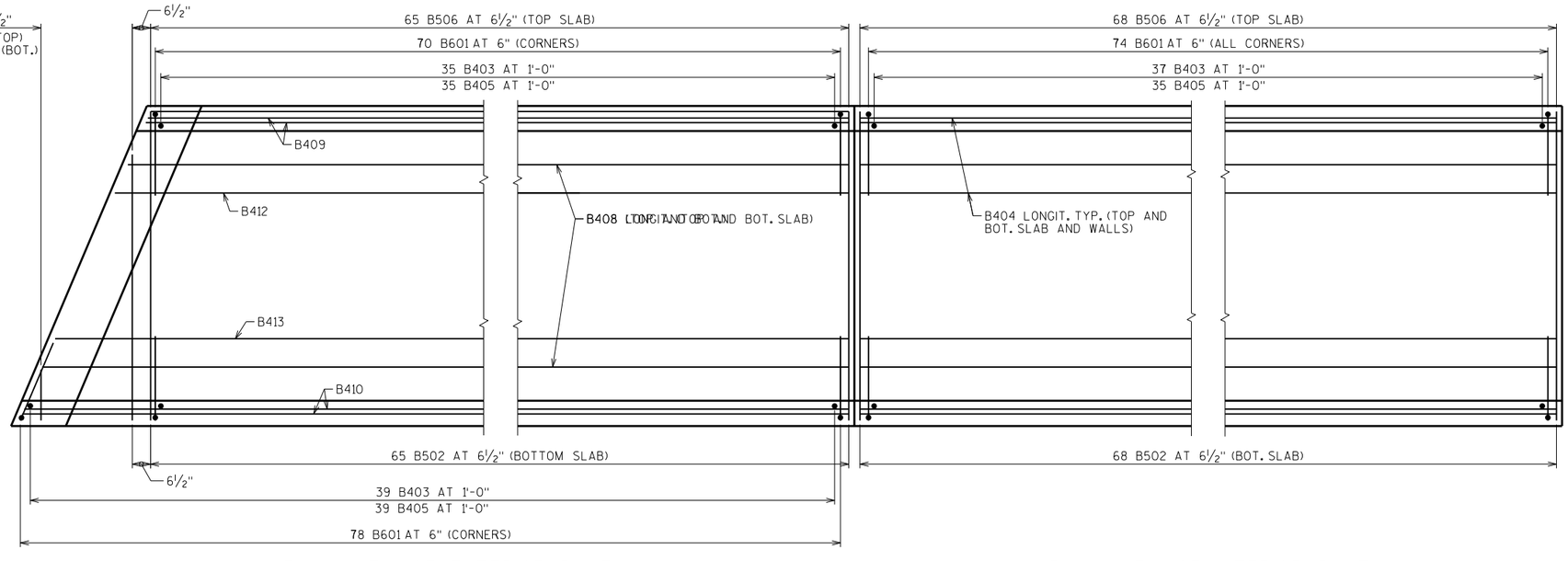
BUNDLE AND TAG EACH SERIES SEPARATELY.



SECTION THRU TOP SLAB HEADER



SECTION THRU BOTTOM SLAB HEADER



PLAN VIEW OF EXTERIOR PANEL

INLET PANEL SHOWN, OUTLET SIMILAR HEADER BARS NOT SHOWN

PLAN VIEW OF INTERIOR PANEL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

BOX DETAILS

SHEET 5

289

STATE PROJECT NUMBER

1146-75-72

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

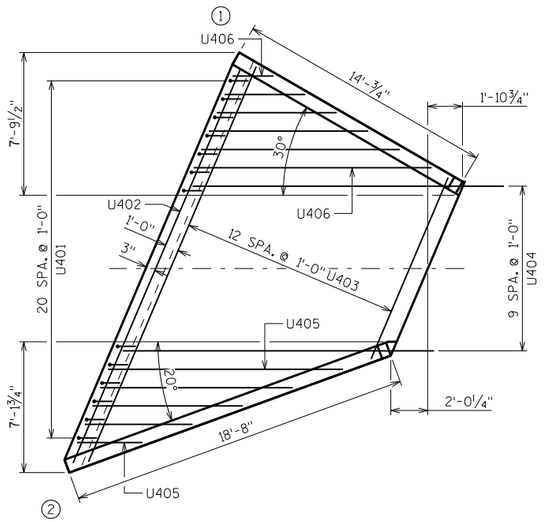
8

8

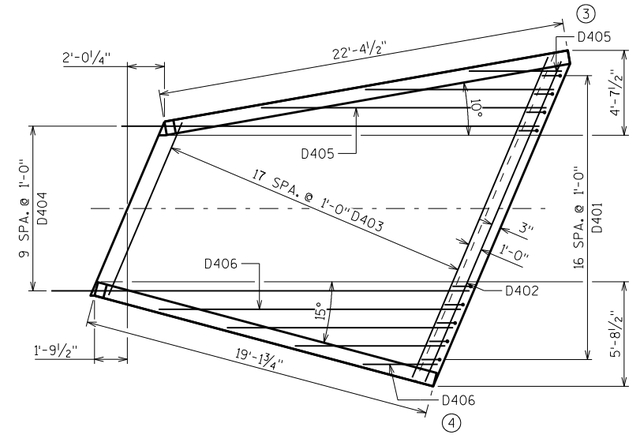
SCALE = 2.00

STATE PROJECT NUMBER

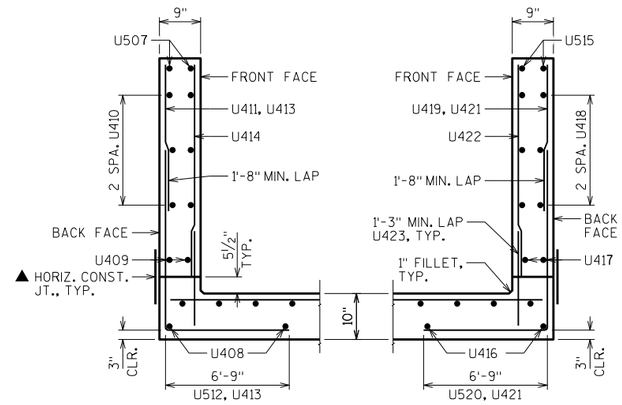
1146-75-72



INLET APRON PLAN

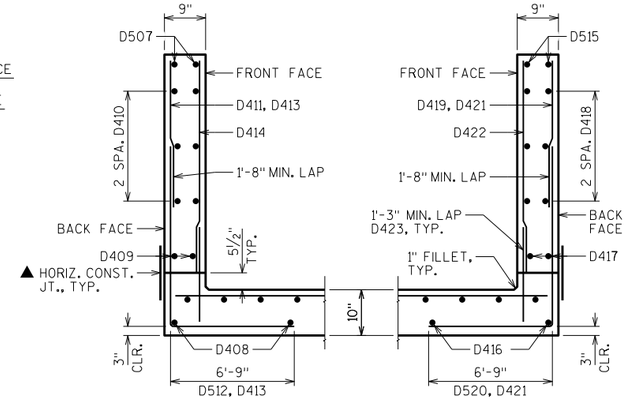


OUTLET APRON PLAN



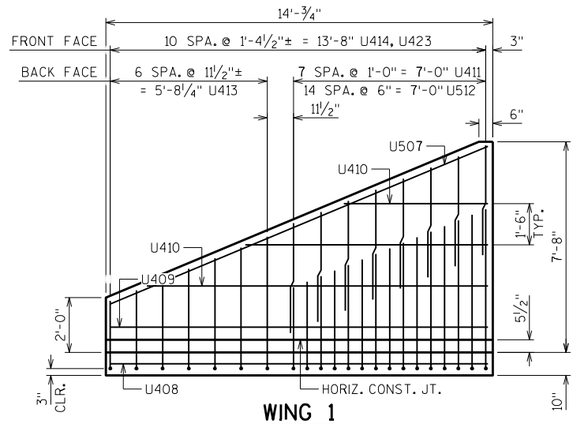
WING 1 SECTION

WING 2 SECTION



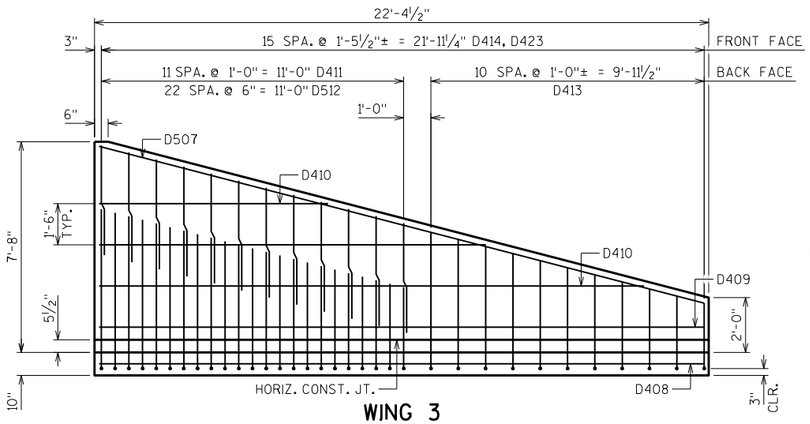
WING 3 SECTION

WING 4 SECTION



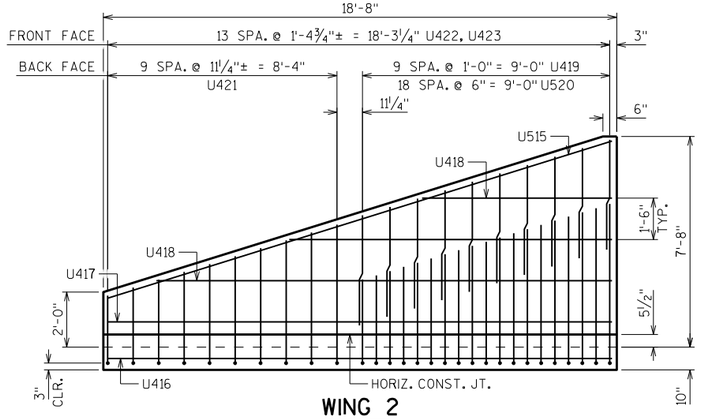
WING 1

SHOWING BACK FACE REINFORCEMENT



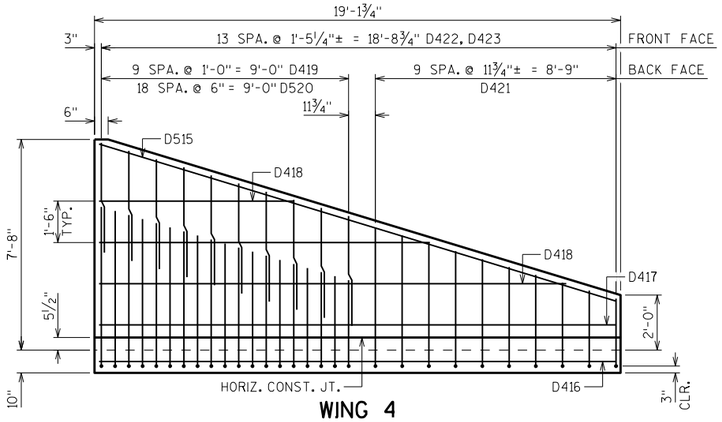
WING 3

SHOWING BACK FACE REINFORCEMENT



WING 2

SHOWING BACK FACE REINFORCEMENT



WING 4

SHOWING BACK FACE REINFORCEMENT

▲ 18" RUBBERIZED MEMBRANE WATERPROOFING, PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE WING LENGTH, TYP.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

APRON

SHEET 6

290

SCALE = 4.00

8

8

STATE PROJECT NUMBER

1146-75-72

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
U401		21	3'-6"	X		INLET APRON AND CUTOFF WALL VERT.
U402		3	23'-5"			INLET APRON AND CUTOFF WALL HORIZ.
U403		13	17'-1"		⚠	INLET APRON SLAB HORIZ.
U404		10	17'-0"			INLET APRON AND BOX SLAB HORIZ.
U405		5	8'-3"		⚠	INLET APRON SLAB HORIZ.
U406		6	7'-8"		⚠	INLET APRON SLAB HORIZ.
U507	X	2	14'-6"			WING 1 HORIZ. TOP BOTH FACES
U408	X	2	13'-8"			WING 1 HORIZ. APRON SLAB
U409	X	2	13'-8"			WING 1 HORIZ. BOTTOM BOTH FACES
U410	X	6	8'-10"		⚠	WING 1 HORIZ.
U411	X	8	4'-0"			WING 1 VERT. BACK FACE
U512	X	15	11'-0"	X	⚠	WING 1 VERT. BACK FACE
U413	X	7	10'-3"	X	⚠	WING 1 VERT. BACK FACE
U414	X	11	4'-3"		⚠	WING 1 VERT. FRONT FACE
U515	X	2	18'-10"			WING 2 HORIZ. TOP BOTH FACES
U416	X	2	18'-3"			WING 2 HORIZ. APRON SLAB
U417	X	2	18'-3"			WING 2 HORIZ. BOTTOM BOTH FACES
U418	X	6	11'-9"		⚠	WING 2 HORIZ.
U419	X	10	4'-0"			WING 2 VERT. BACK FACE
U520	X	19	11'-0"	X	⚠	WING 2 VERT. BACK FACE
U421	X	10	10'-5"	X	⚠	WING 2 VERT. BACK FACE
U422	X	14	4'-3"		⚠	WING 2 VERT. FRONT FACE
U423	X	25	2'-4"			WINGS 1 & 2 DOWELS FRONT FACE
D401		17	5'-6"	X		OUTLET APRON AND CUTOFF WALL VERT.
D402		5	19'-0"			OUTLET APRON AND CUTOFF WALL HORIZ.
D403		18	14'-8"		⚠	OUTLET APRON SLAB HORIZ.
D404		10	22'-10"			OUTLET APRON AND BOX SLAB HORIZ.
D405		3	10'-4"		⚠	OUTLET APRON SLAB HORIZ.
D406		4	10'-3"		⚠	OUTLET APRON SLAB HORIZ.
D507	X	2	22'-4"			WING 3 HORIZ. TOP BOTH FACES
D408	X	2	21'-11"			WING 3 HORIZ. APRON SLAB
D409	X	2	21'-11"			WING 3 HORIZ. BOTTOM BOTH FACES
D410	X	6	14'-1"		⚠	WING 3 HORIZ.
D411	X	12	4'-0"			WING 3 VERT. BACK FACE
D512	X	23	11'-0"	X	⚠	WING 3 VERT. BACK FACE
D413	X	11	10'-3"	X	⚠	WING 3 VERT. BACK FACE
D414	X	16	4'-3"		⚠	WING 3 VERT. FRONT FACE
D515	X	2	19'-3"			WING 4 HORIZ. TOP BOTH FACES
D416	X	2	18'-8"			WING 4 HORIZ. APRON SLAB
D417	X	2	18'-8"			WING 4 HORIZ. BOTTOM BOTH FACES
D418	X	6	12'-0"		⚠	WING 4 HORIZ.
D419	X	10	4'-0"			WING 4 VERT. BACK FACE
D520	X	19	11'-1"	X	⚠	WING 4 VERT. BACK FACE
D421	X	10	10'-5"	X	⚠	WING 4 VERT. BACK FACE
D422	X	14	4'-3"		⚠	WING 4 VERT. FRONT FACE
D423	X	30	2'-4"			WINGS 3 & 4 DOWELS FRONT FACE

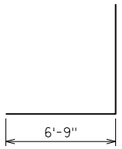
⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

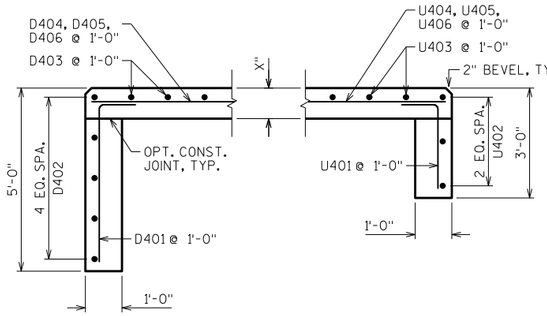
BAR MARK	NO. REQ'D	LENGTH
U403	1 SERIES OF 13	10'-9" TO 23'-5"
U405	1 SERIES OF 5	3'-7" TO 12'-10"
U406	1 SERIES OF 6	2'-3" TO 13'-0"
U410	2 SERIES OF 3	5'-3" TO 12'-5"
U512	1 SERIES OF 15	9'-7" TO 12'-5"
U413	1 SERIES OF 7	9'-1" TO 11'-5"
U414	1 SERIES OF 11	1'-5" TO 7'-0"
U418	2 SERIES OF 3	6'-11" TO 16'-7"
U520	1 SERIES OF 19	9'-8" TO 12'-5"
U421	1 SERIES OF 10	9'-1" TO 11'-8"
U422	1 SERIES OF 14	1'-5" TO 7'-0"
D405	1 SERIES OF 3	5'-1" TO 15'-7"
D406	1 SERIES OF 4	4'-1" TO 16'-6"
D410	2 SERIES OF 3	8'-4" TO 19'-10"
D512	1 SERIES OF 23	9'-7" TO 12'-5"
D413	1 SERIES OF 11	9'-0" TO 11'-7"
D414	1 SERIES OF 16	1'-5" TO 7'-0"
D418	2 SERIES OF 3	7'-1" TO 17'-0"
D520	1 SERIES OF 19	9'-9" TO 12'-5"
D421	1 SERIES OF 10	9'-1" TO 11'-8"
D422	1 SERIES OF 14	1'-5" TO 7'-0"

BUNDLE AND TAG EACH SERIES SEPARATELY

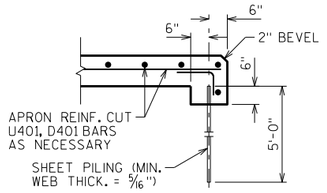
U401, D401



U512, U413, U520, U421, D512, D413, D520, D421

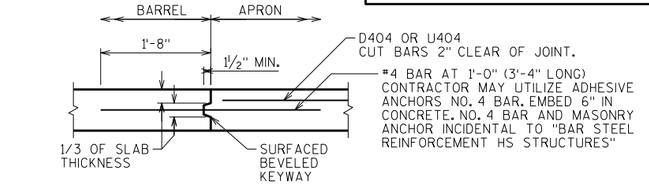


CUT-OFF WALLS



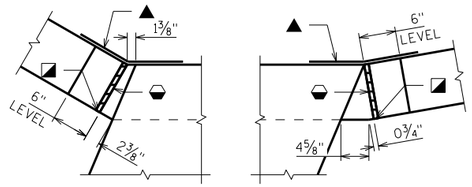
ALTERNATE CUT-OFF WALLS

THE ABOVE ALTERNATIVE MAY BE USED IN LIEU OF CAST-IN-PLACE CONCRETE CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONCRETE CUT-OFF WALLS.

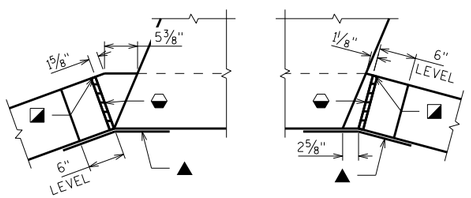


OPTIONAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.



CORNER 1 CORNER 3



CORNER 2 CORNER 4

CORNER DETAILS

◒ 3/4" FILLER, TYP. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.

◪ 1" BEVEL, TYP.

▲ 18" RUBBERIZED MEMBRANE WATERPROOFING. EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL.

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY EMK | PLANS CK'D.

APRON DETAILS

SHEET 7

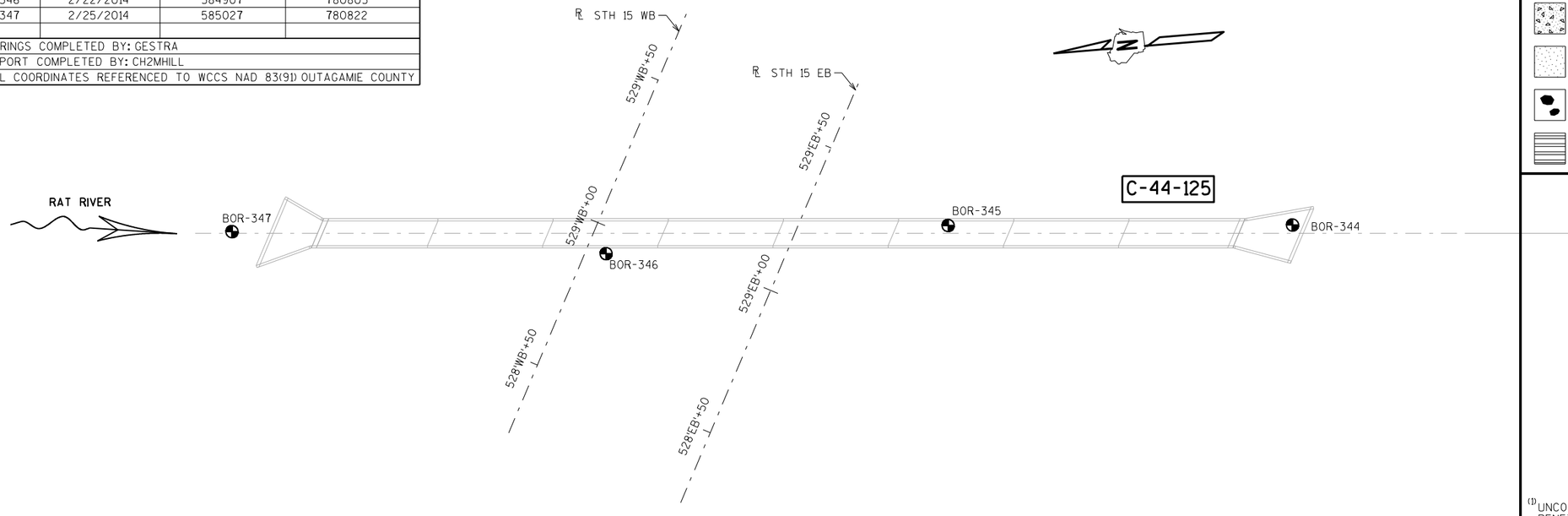
291

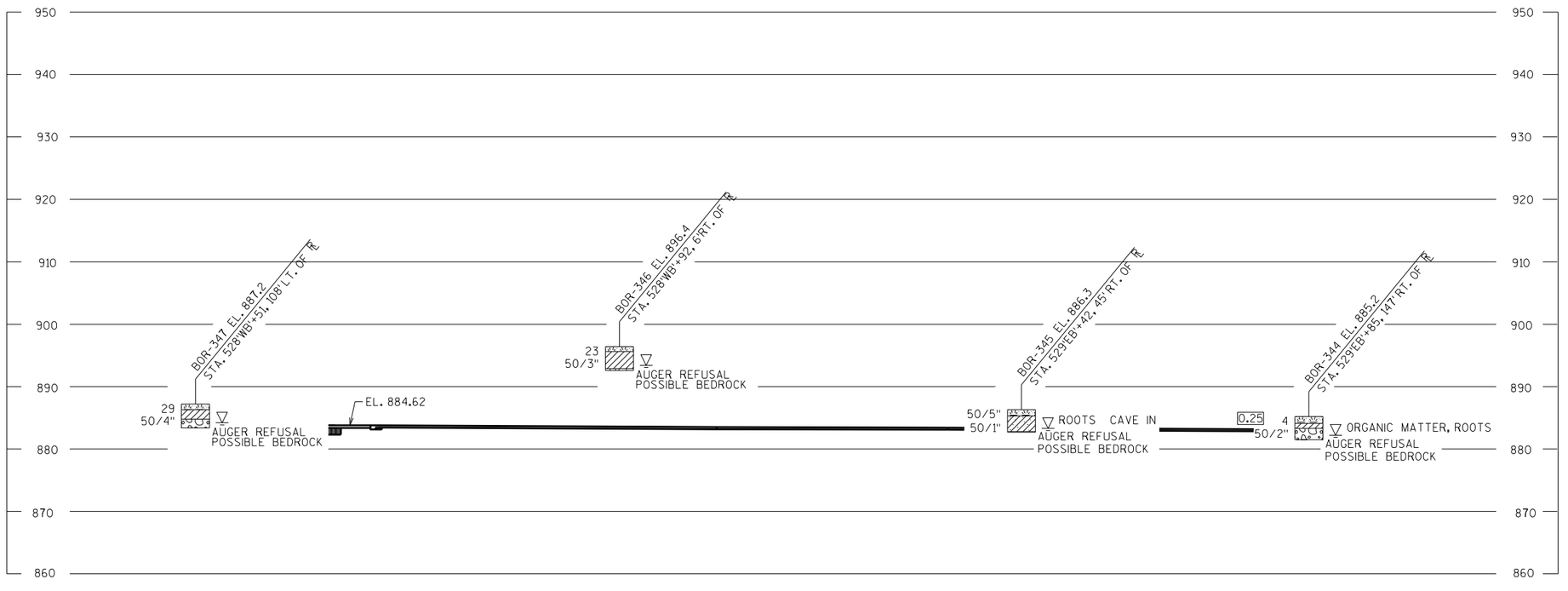
SCALE = 1.00

8

8

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
344	2/28/2014	584685	780796
345	2/28/2014	584796	780805
346	2/22/2014	584907	780805
347	2/25/2014	585027	780822
BORINGS COMPLETED BY: GESTRA			
REPORT COMPLETED BY: CH2MHILL			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) OUTAGAMIE COUNTY			





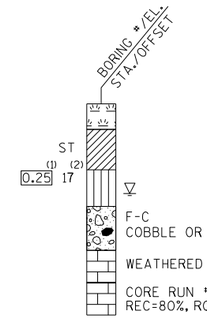
STATE PROJECT NUMBER

1146-75-72

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.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-125

DRAWN BY TLP/EMK | PLANS CK'D. LMK

SUBSURFACE EXPLORATION

SHEET 8

292

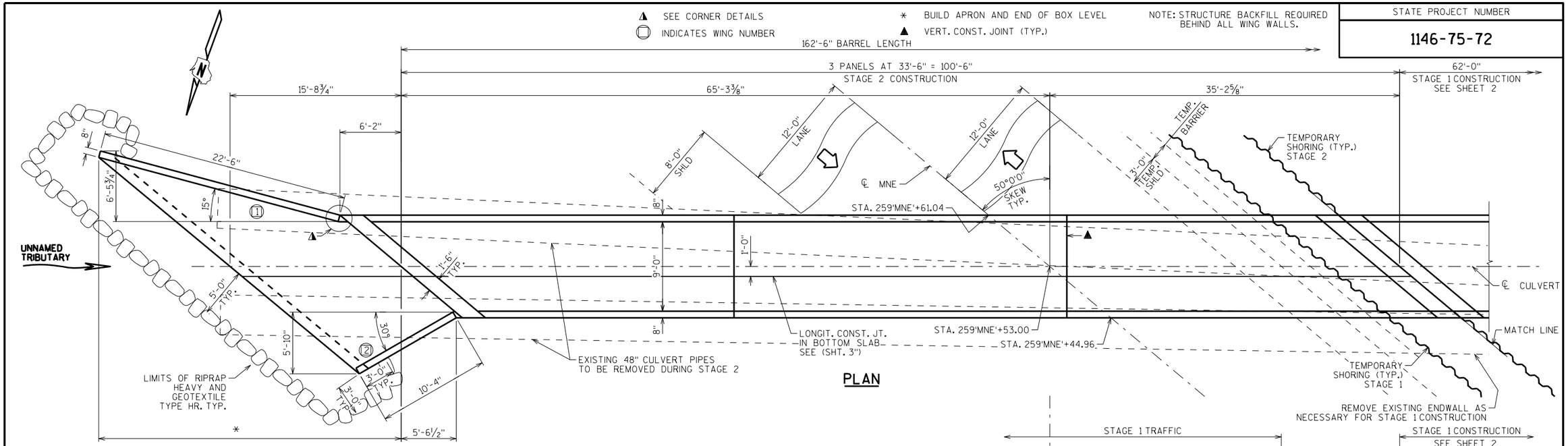
APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 20.00

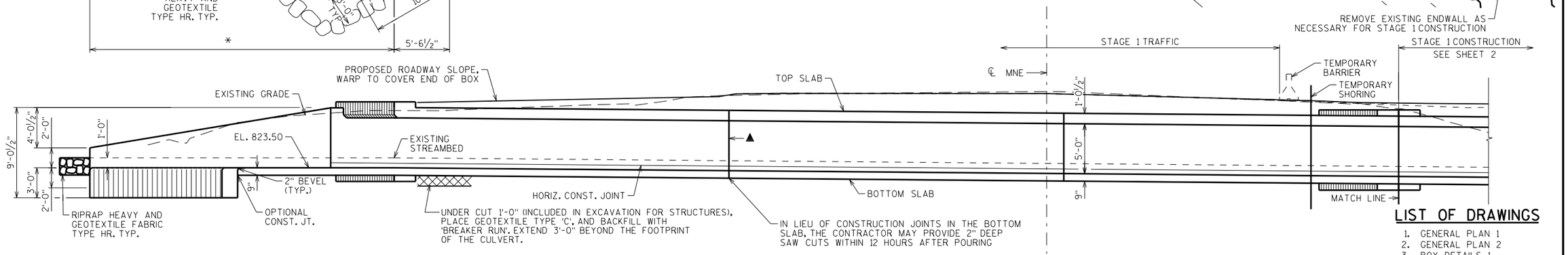
STATE PROJECT NUMBER
1146-75-72

▲ SEE CORNER DETAILS
ⓘ INDICATES WING NUMBER
* BUILD APRON AND END OF BOX LEVEL
▲ VERT. CONST. JOINT (TYP.)

NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.



PLAN



INLET

ELEVATION

LIST OF DRAWINGS

1. GENERAL PLAN 1
2. GENERAL PLAN 2
3. BOX DETAILS 1
4. BOX DETAILS 2
5. APRON
6. DETAILS
7. TUBULAR STEEL RAILING
8. STAGING DETAILS
9. SUBSURFACE EXPLORATION

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.05
OPERATING RATING FACTOR: RF = 1.35
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 255 (KIPS)

EARTHLOAD:
DESIGNED FOR 0.5 TO 2.0 FT. OF FILL.

MATERIAL PROPERTIES:
CONCRETE MASONRY: ——— f'c = 3,500 P.S.I.
BAR STEEL REINFORCEMENT: ——— fy = 60,000 P.S.I.

HYDRAULIC DATA

100 YEAR FREQUENCY
Q_{100} = 270 C.F.S.
VEL. = 9.9 F.P.S.
$HW._{100}$ = EL. 829.8
DRAINAGE AREA = 0.4 SQ. MI.
ROADWAY OVERTOPPING = N/A
SCOUR CRITICAL CODE = 8

2 YEAR FREQUENCY
Q_2 = 30 C.F.S.
$HW._2$ = EL. 828.3

TRAFFIC VOLUME

STH 15
ADT = 8,000 (2040)
R.D.S. = 50 M.P.H.

TOTAL ESTIMATED QUANTITIES

BID ITEMS

203.0200	REMOVING OLD STRUCTURE STA. 259'MNE'+53	1	LS
206.2000	EXCAVATION FOR STRUCTURES CULVERTS C-44-128	1	LS
210.2500	BACKFILL STRUCTURE TYPE B	914	TON
311.0115	BREAKER RUN	125	CY
504.0100	CONCRETE MASONRY CULVERTS	182	CY
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	35,950	LB
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	1670	LB
511.1200	TEMPORARY SHORING C-44-128	786	SF
513.4091	RAILING TUBULAR SCREENING C-44-128	44	LF
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	35	SY
606.0300	RIPRAP HEAVY	31	CY
645.0105	GEOTEXTILE TYPE C	410	SY
645.0120	GEOTEXTILE TYPE HR	90	SY

NON-BID ITEMS

FILLER	3/4"	SIZE

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 C-44-128

STH 15 OVER UNNAMED TRIBUTARY

COUNTY	TOWN
OUTAGAMIE	ELLINGTON

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
SAD	LMK	SAD	JJS

GENERAL PLAN 1

SHEET 1 OF 9
293

APPROVED FOR LETTING
OF UTILITY ADJUSTMENTS
OCTOBER 26, 2017

I.D. 1146-75-00S DATE: SEPT. 2017

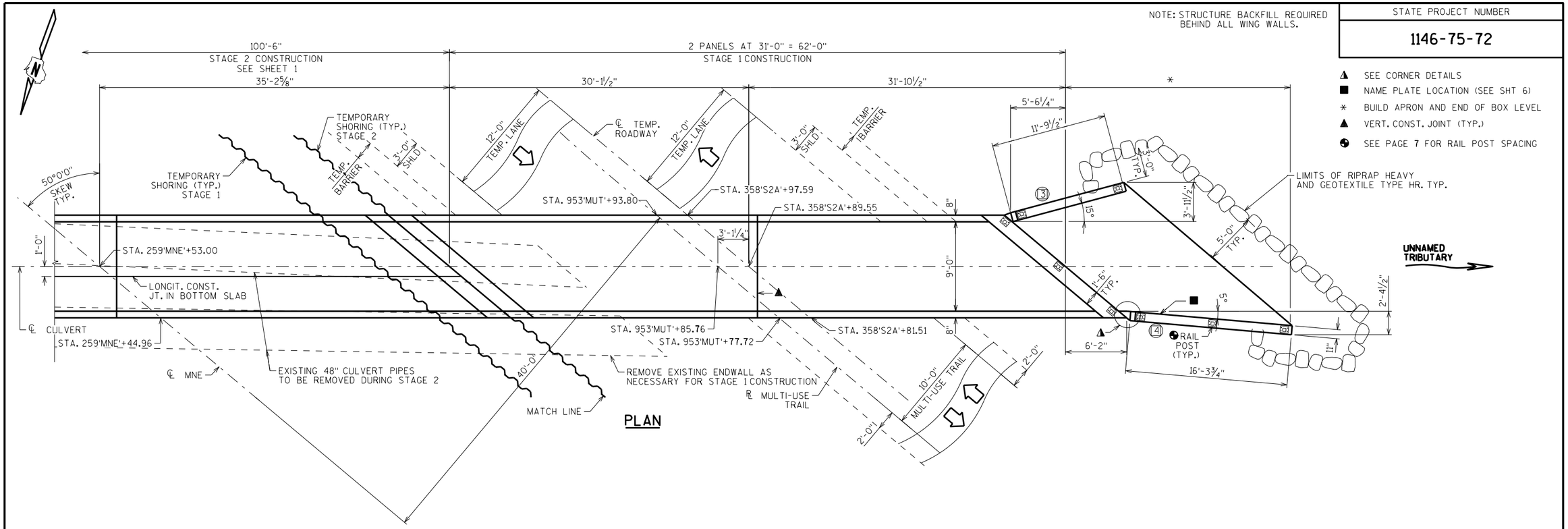
SCALE = 5.00

NOTE: STRUCTURE BACKFILL REQUIRED BEHIND ALL WING WALLS.

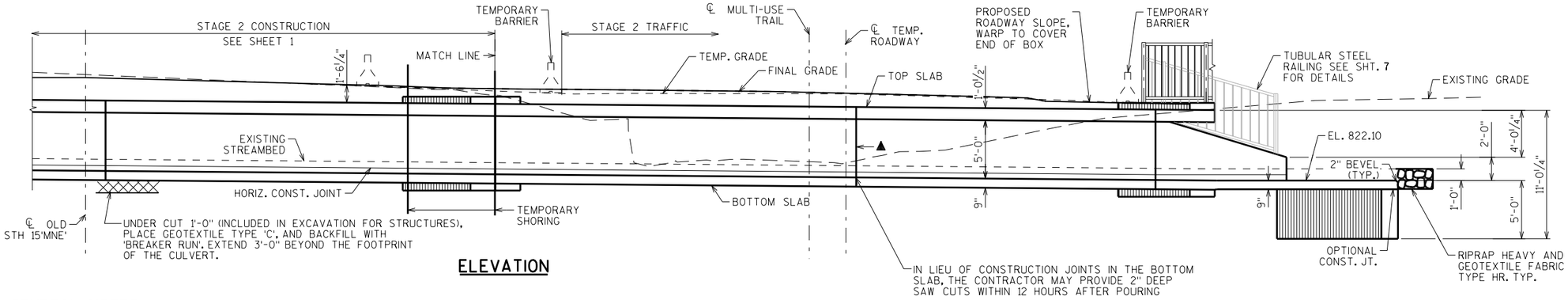
STATE PROJECT NUMBER

1146-75-72

▲ SEE CORNER DETAILS
■ NAME PLATE LOCATION (SEE SHT 6)
* BUILD APRON AND END OF BOX LEVEL
▲ VERT. CONST. JOINT (TYP.)
◓ SEE PAGE 7 FOR RAIL POST SPACING



PLAN



ELEVATION

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.

BEVEL EXPOSED EDGES OF CONCRETE " UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS C-44-128" SHALL BE THE EXISTING GROUND LINE.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

ALL VOLUME WHICH CANNOT BE PLACED BEFORE CULVERT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL WITHIN THE LENGTH OF THE CULVERT INCLUDING APRON WING WALLS.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

PLACE 18" (MIN.) WIDE SHEET OF "RUBBERIZED MEMBRANE WATERPROOFING" ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

THE CONTRACTOR MAY FURNISH A PRECAST CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE BOX CULVERT WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST CONCRETE BOX CULVERT SHALL CONFORM TO PRECAST DETAILS ON CHAPTER 36 STANDARDS OF THE CURRENT WISC. DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST CULVERT SHALL BE BASED ON THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES".

THE CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF THE BREAKER RUN, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE BOX. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL.

APPLY BRIDGE SEAT PROTECTION PER STANDARD SPECIFICATION SECTION 502.3.12 TO THE SURFACES SHOWN ON SHEET 2.

OUTLET

RAILING TO BE INSTALLED DURING MULTI-USE TRAIL CONSTRUCTION.

☆ CONCRETE ADHESIVE ANCHORS, NO. 5 BARS EMBED 1'-0" INTO SOUND CONCRETE AND SPACE AT 1'-0" CENTERS IN WALLS AND TOP SLAB

⬭ INDICATES WING NUMBER

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

GENERAL PLAN 2

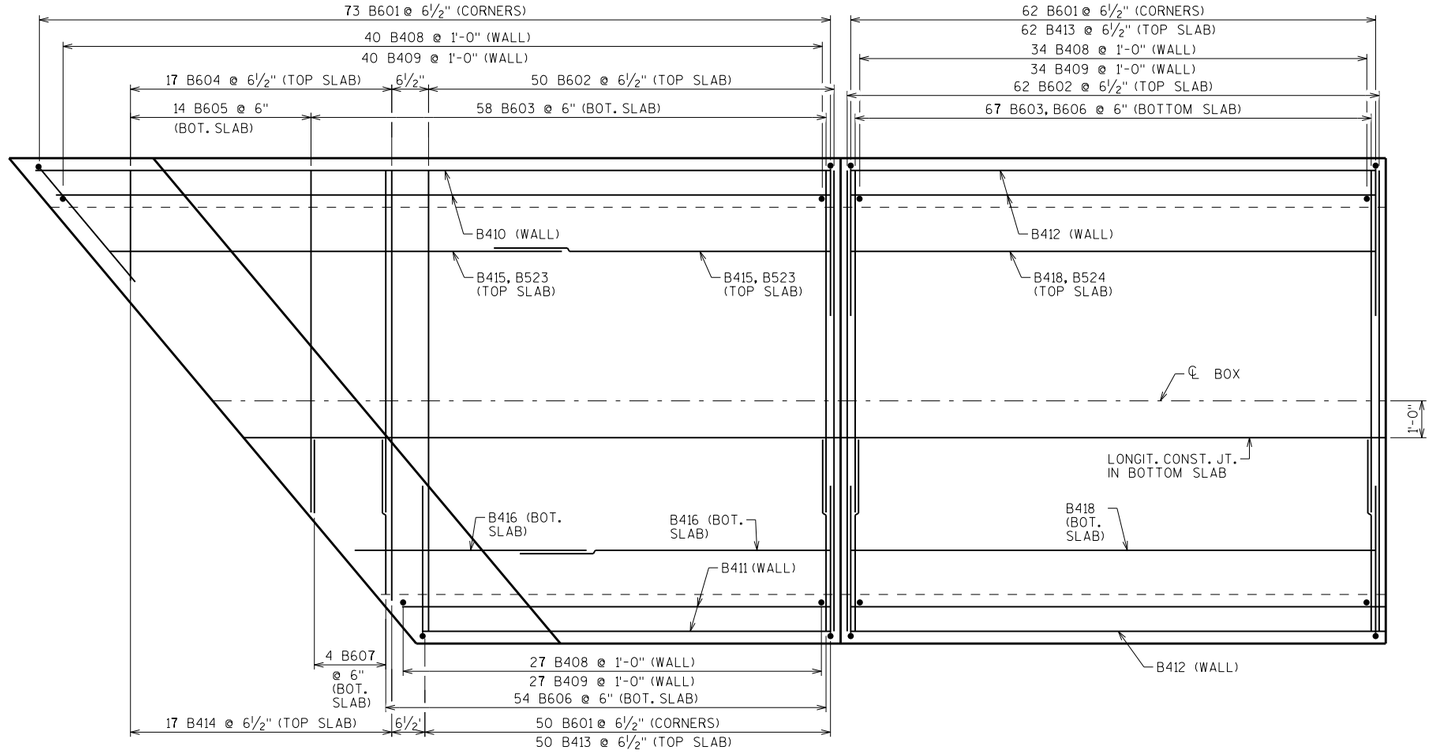
SHEET 2
294

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 5.00

8

8

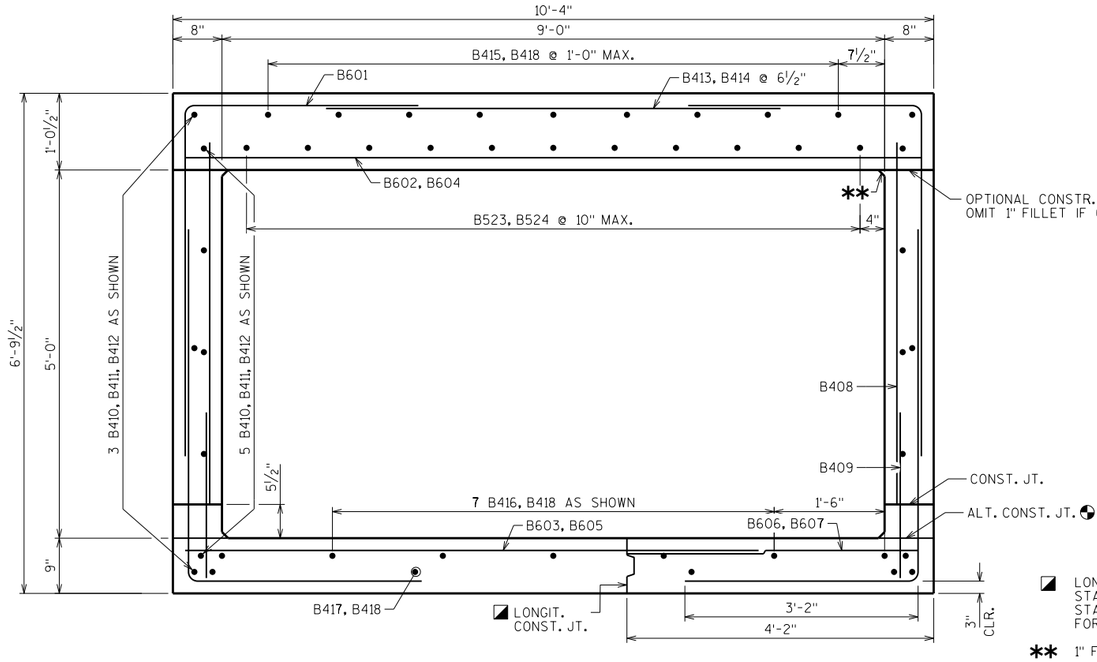


PLAN VIEW OF EXTERIOR PANEL

STAGE 2

PLAN VIEW OF INTERIOR PANEL

STAGE 2

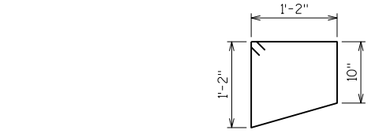


SECTION THRU BOX

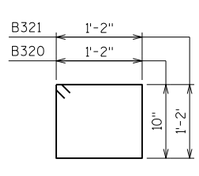
◪ LONGIT. CONST. JT. LOCATED IN STAGE 2 PANEL ADJACENT TO STAGE 1 CONST. JT. KEYWAY FORMED BY BEVELED 2X4.

** 1" FILLET TYP. ALL CORNERS

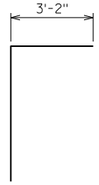
◔ OMIT 1" FILLET IF ALTERNATE CONSTRUCTION JOINT IS USED.



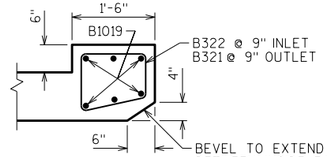
B322



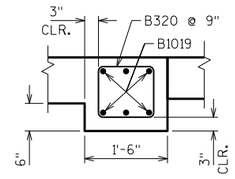
B320, B321



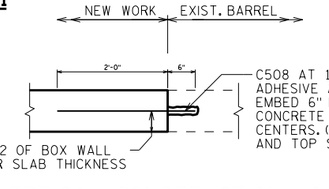
B601



SECTION THRU TOP SLAB HEADER



SECTION THRU BOTTOM SLAB HEADER



VERTICAL CONSTRUCTION JOINT

TYP. WALLS AND TOP SLAB

STATE PROJECT NUMBER

1146-75-72

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
B601		740	7'-9"	X		CORNERS
B602		162	10'-0"			TOP SLAB BOT.
B603		183	8'-1"			TRANS. BOT. SLAB TOP
B604		34	6'-3"		⚠	TRANS. TOP SLAB BOT.
B605		28	5'-2"		⚠	TRANS. BOT. SLAB TOP
B606		177	4'-0"			TRANS. BOT. SLAB TOP
B607		8	3'-3"		⚠	TRANS. BOT. SLAB TOP
B408		202	4'-11"			WALL VERT.
B409		202	2'-3"			WALL VERT. DOWELS
B410		8	39'-0"			WALL HORIZ. - PANEL 1 & 3
B411		8	27'-3"			WALL HORIZ. PANEL 1 & 3
B412		16	33'-2"			WALL HORIZ. PANEL 2
B413		112	7'-6"			TRANS. TOP SLAB TOP
B414		34	6'-3"		⚠	TRANS. TOP SLAB TOP
B415		36	17'-6"		⚠	LONGIT. TOP SLAB
B416		14	17'-4"		⚠	LONGIT. BOT. SLAB
B417		8	32'-9"		⚠	LONGIT. BOT. SLAB BOT.
B418		20	33'-2"			LONGIT. TOP & BOT. SLAB
B1019		24	15'-6"			HEADER LONGIT.
B320		42	4'-5"	X		BOT. HEADER STIRRUP
B321		21	5'-1"	X		TOP HEADER
B322		21	4'-9"	X		TOP HEADER INLET
B523		44	17'-6"		⚠	LONGIT. TOP SLAB
B524		11	33'-2"			LONGIT. TOP SLAB

⚠ 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

BAR MARK	NO. REQ'D.	LENGTH
B604	2 SERIES OF 17	2'-6" TO 10'-0"
B605	2 SERIES OF 18	2'-4" TO 8'-1"
B607	2 SERIES OF 4	2'-5" TO 4'-0"
B414	2 SERIES OF 17	2'-6" TO 10'-0"
B415	4 SERIES OF 9	15'-2" TO 19'-10"
B416	2 SERIES OF 7	14'-3" TO 20'-5"
B417	2 SERIES OF 4	26'-6" TO 39'-0"
B523	4 SERIES OF 11	15'-2" TO 19'-10"

BUNDLE AND TAG EACH SERIES SEPARATELY.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

BOX DETAILS 1

SHEET 3

295

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

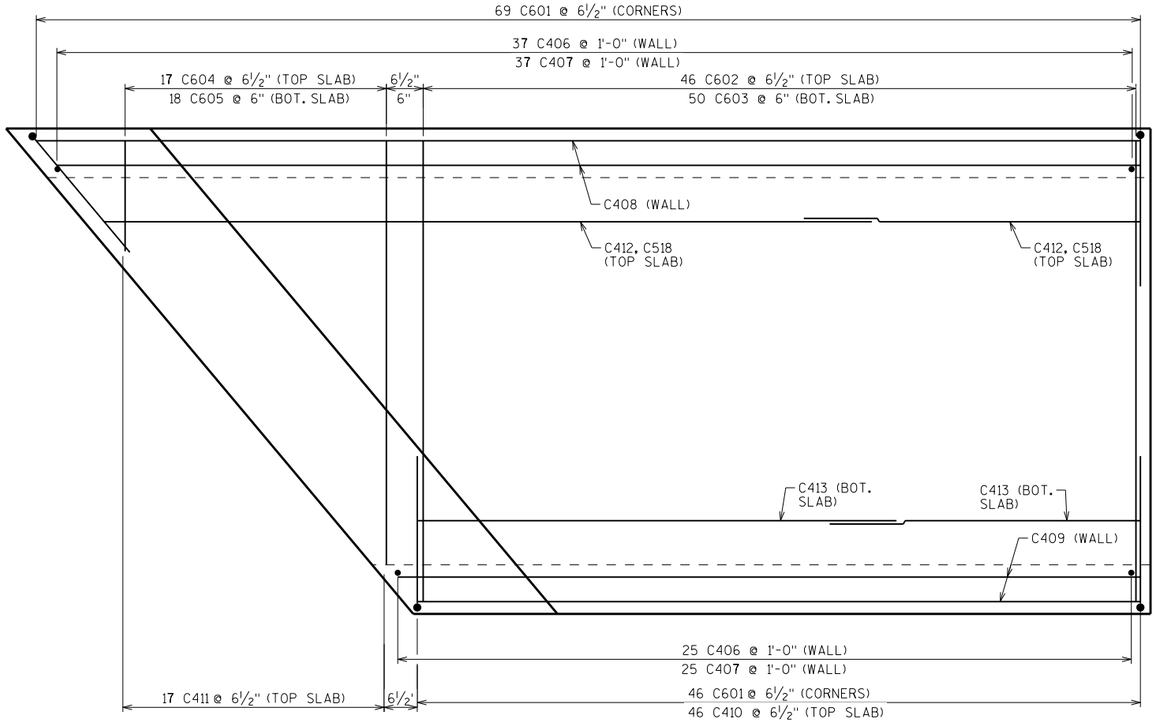
SCALE = 1.00

8

8

STATE PROJECT NUMBER

1146-75-72



PLAN VIEW OF EXTERIOR PANEL

STAGE 1

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

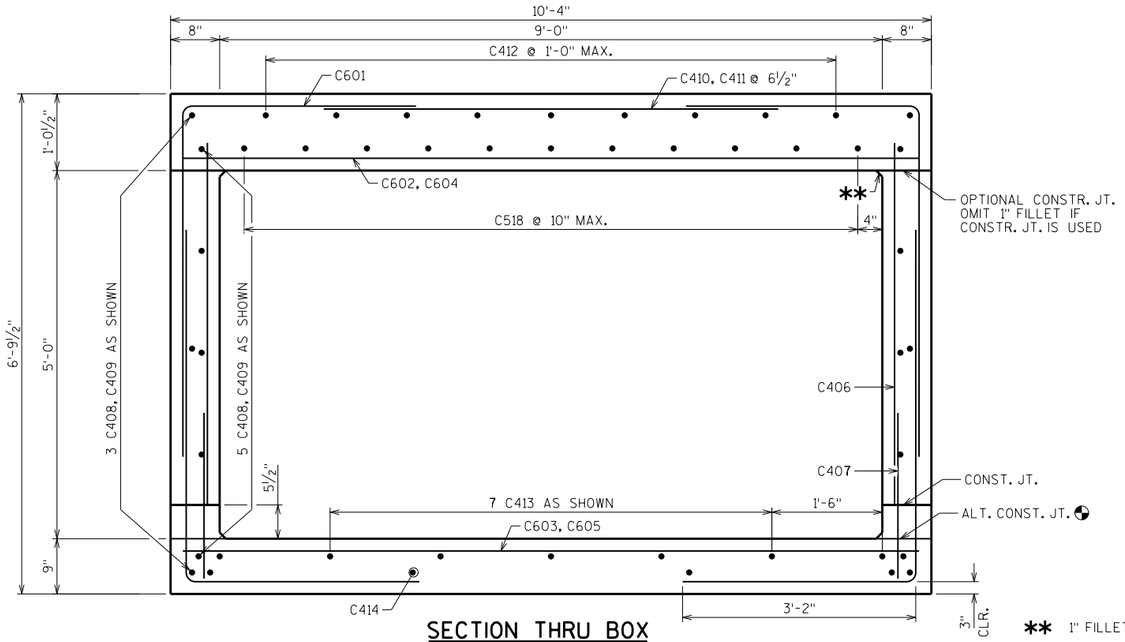
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
C601		460	7'-9"	X		CORNERS
C602		92	10'-0"			TRANS. TOP SLAB BOT.
C603		100	10'-0"			TRANS. BOT. SLAB TOP
C604		34	6'-0"		⚠	TRANS. TOP SLAB BOT.
C605		36	5'-11"		⚠	TRANS. BOT. SLAB TOP
C406		124	4'-11"			WALL VERT.
C407		124	2'-3"			WALL VERT. DOWELS
C408		8	39'-0"			WALL HORIZ.
C409		8	27'-3"			WALL HORIZ.
C410		92	10'-0"			TRANS. TOP SLAB TOP
C411		34	6'-3"		⚠	TRANS. TOP SLAB TOP
C412		36	16'-3"		⚠	LONGIT. TOP SLAB
C413		14	16'-3"		⚠	LONGIT. BOT. SLAB
C414		8	30'-3"		⚠	LONGIT. BOT. SLAB BOT.
C1015		24	15'-6"			HEADER LONGIT.
C316		42	4'-5"	X		BOT. HEADER STIRRUP
C317		42	5'-1"	X		TOP HEADER
C518		44	16'-5"		⚠	LONGIT. TOP SLAB

⚠ 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

BAR MARK	NO. REQ'D.	LENGTH
C604	2 SERIES OF 17	2'-4" TO 9'-8"
C605	2 SERIES OF 18	2'-4" TO 9'-7"
C411	2 SERIES OF 17	2'-6" TO 10'-0"
C412	4 SERIES OF 9	13'-11" TO 18'-7"
C413	2 SERIES OF 7	13'-7" TO 18'-11"
C414	2 SERIES OF 4	25'-3" TO 36'-0"
C518	4 SERIES OF 11	13'-11" TO 19'-0"

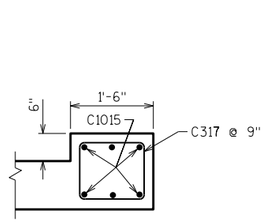
BUNDLE AND TAG EACH SERIES SEPARATELY.



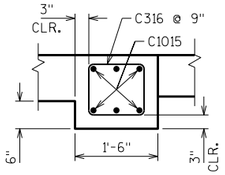
SECTION THRU BOX

** 1" FILLET TYP. ALL CORNERS

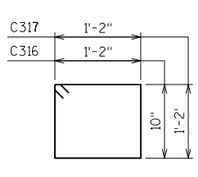
OMIT 1" FILLET IF ALTERNATE CONSTRUCTION JOINT IS USED.



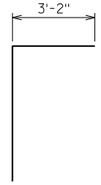
SECTION THRU TOP SLAB HEADER



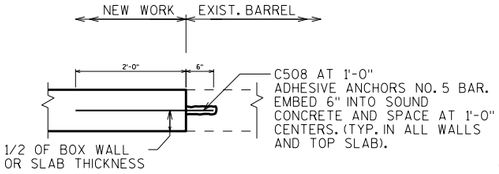
SECTION THRU BOTTOM SLAB HEADER



C316, C317



C601



VERTICAL CONSTRUCTION JOINT

TYP. WALLS AND TOP SLAB

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

BOX DETAILS 2

SHEET 4

296

APPROVED FOR DESIGN OF UTILITY DEPARTMENTS OCTOBER 2019

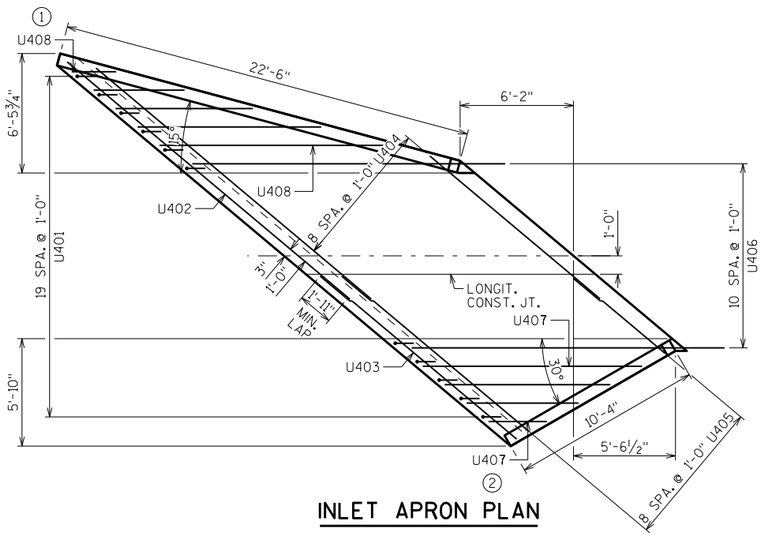
SCALE = 1.00

8

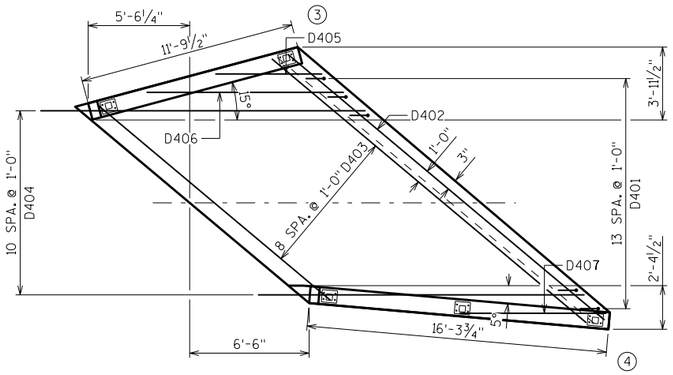
8

STATE PROJECT NUMBER

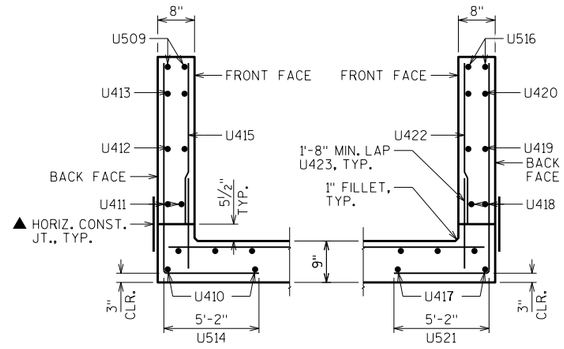
1146-75-72



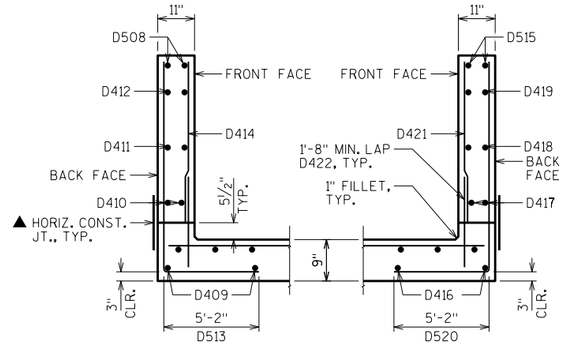
INLET APRON PLAN



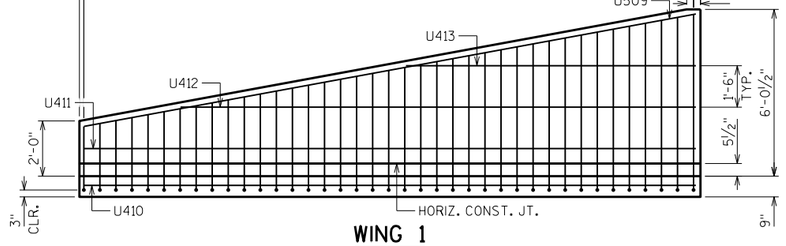
OUTLET APRON PLAN



WING 1 SECTION WING 2 SECTION

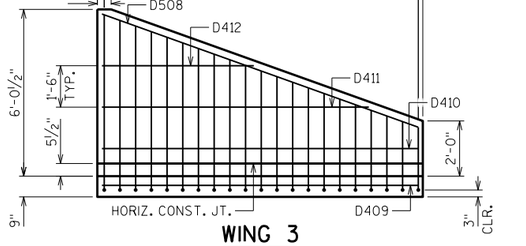


WING 3 SECTION WING 4 SECTION



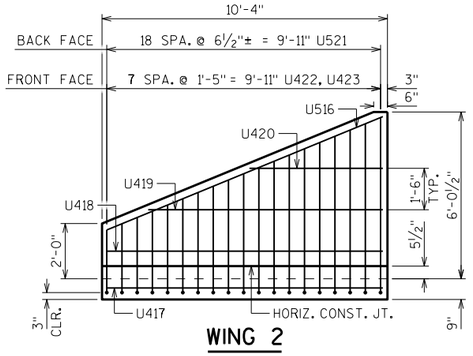
WING 1

SHOWING BACK FACE REINFORCEMENT



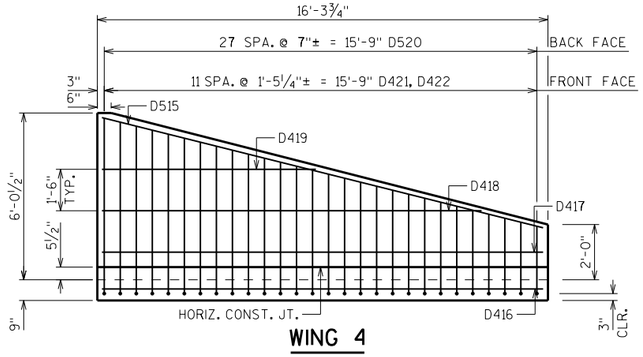
WING 3

SHOWING BACK FACE REINFORCEMENT



WING 2

SHOWING BACK FACE REINFORCEMENT



WING 4

SHOWING BACK FACE REINFORCEMENT

▲ 18" RUBBERIZED MEMBRANE WATERPROOFING, PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE WING LENGTH, TYP.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY	SAD	PLANS CK'D.	JJS

APRON

SHEET 5

297

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 4.00

8

8

STATE PROJECT NUMBER

1146-75-72

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

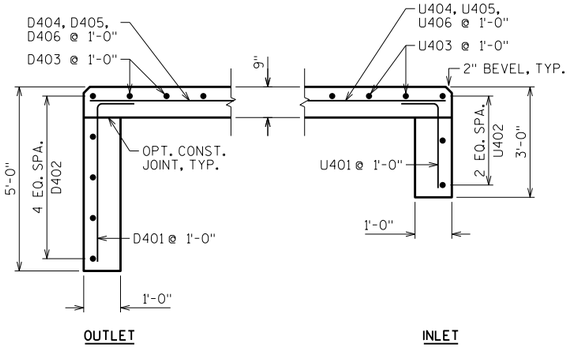
BAR MARK	COAT	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
U401		20	3'-6"	X		INLET APRON AND CUTOFF WALL VERT.
U402		3	20'-0"			INLET APRON AND CUTOFF WALL HORIZ.
U403		3	14'-0"			INLET APRON AND CUTOFF WALL HORIZ.
U404		9	15'-9"		◭	INLET APRON SLAB HORIZ.
U405		9	9'-10"		◭	INLET APRON SLAB HORIZ.
U406		11	17'-8"			INLET APRON AND BOX SLAB HORIZ.
U407		4	7'-6"		◭	INLET APRON SLAB HORIZ.
U408		5	7'-6"		◭	INLET APRON SLAB HORIZ.
U509	X	2	22'-2"			WING 1 HORIZ. TOP BOTH FACES
U410	X	2	22'-1"			WING 1 HORIZ. APRON SLAB
U411	X	2	22'-1"			WING 1 HORIZ. BOTTOM BOTH FACES
U412	X	2	18'-8"			WING 1 HORIZ.
U413	X	2	10'-6"			WING 1 HORIZ.
U514	X	39	9'-10"	X	◭	WING 1 VERT. BACK FACE
U415	X	16	3'-5"		◭	WING 1 VERT. FRONT FACE
U516	X	2	10'-5"			WING 2 HORIZ. TOP BOTH FACES
U417	X	2	9'-11"			WING 2 HORIZ. APRON SLAB
U418	X	2	9'-11"			WING 2 HORIZ. BOTTOM BOTH FACES
U419	X	2	8'-6"			WING 2 HORIZ.
U420	X	2	4'-10"			WING 2 HORIZ.
U521	X	19	9'-9"	X	◭	WING 2 VERT. BACK FACE
U422	X	8	3'-5"		◭	WING 2 VERT. FRONT FACE
U423	X	24	2'-8"			WINGS 1 & 2 DOWELS FRONT FACE
D401		14	5'-6"	X		OUTLET APRON AND CUTOFF WALL VERT.
D402		5	22'-4"			OUTLET APRON AND CUTOFF WALL HORIZ.
D403		9	19'-4"		◭	OUTLET APRON SLAB HORIZ.
D404		11	17'-8"			OUTLET APRON AND BOX SLAB HORIZ.
D405		1	5'-10"			OUTLET APRON SLAB HORIZ.
D406		1	10'-8"			OUTLET APRON SLAB HORIZ.
D407		1	8'-0"			OUTLET APRON SLAB HORIZ.
D508	X	2	12'-0"			WING 3 HORIZ. TOP BOTH FACES
D409	X	2	11'-4"			WING 3 HORIZ. APRON SLAB
D410	X	2	11'-4"			WING 3 HORIZ. BOTTOM BOTH FACES
D411	X	2	9'-8"			WING 3 HORIZ.
D412	X	2	5'-6"			WING 3 HORIZ.
D513	X	21	9'-10"	X	◭	WING 3 VERT. BACK FACE
D414	X	9	3'-5"		◭	WING 3 VERT. FRONT FACE
D515	X	2	16'-6"			WING 4 HORIZ. TOP BOTH FACES
D416	X	2	16'-0"			WING 4 HORIZ. APRON SLAB
D417	X	2	16'-0"			WING 4 HORIZ. BOTTOM BOTH FACES
D418	X	2	13'-9"			WING 4 HORIZ.
D419	X	2	7'-9"			WING 4 HORIZ.
D520	X	28	9'-9"	X	◭	WING 4 VERT. BACK FACE
D421	X	12	3'-5"		◭	WING 4 VERT. FRONT FACE
D422	X	21	2'-8"			WINGS 3 & 4 DOWELS FRONT FACE

◭ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

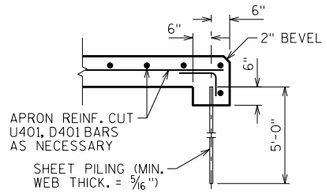
BAR SERIES TABLE

BAR MARK	NO. REQ'D	LENGTH
U404	1 SERIES OF 9	12'-1" TO 19'-6"
U405	1 SERIES OF 9	6'-6" TO 13'-3"
U407	1 SERIES OF 4	3'-2" TO 11'-11"
U408	1 SERIES OF 5	2'-5" TO 12'-6"
U514	1 SERIES OF 39	7'-11" TO 11'-9"
U415	1 SERIES OF 16	1'-4" TO 5'-5"
U521	1 SERIES OF 19	7'-9" TO 11'-9"
U422	1 SERIES OF 8	1'-5" TO 5'-5"
D403	1 SERIES OF 9	16'-6" TO 22'-3"
D513	1 SERIES OF 21	7'-11" TO 11'-9"
D414	1 SERIES OF 9	1'-5" TO 5'-5"
D520	1 SERIES OF 29	7'-9" TO 11'-9"
D421	1 SERIES OF 12	1'-5" TO 5'-5"

BUNDLE AND TAG EACH SERIES SEPARATELY

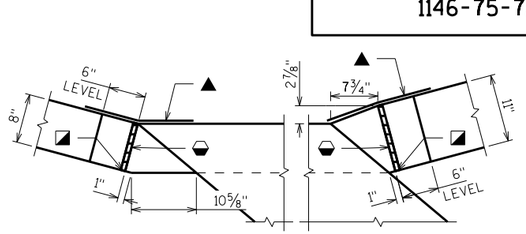


CUT-OFF WALLS

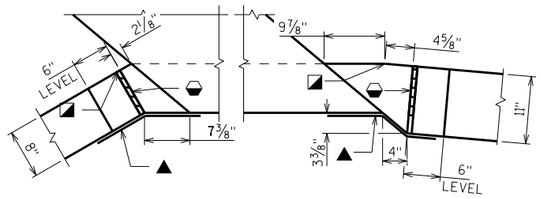


ALTERNATE CUT-OFF WALLS

THE ABOVE ALTERNATIVE MAY BE USED IN LIEU OF CAST-IN-PLACE CONCRETE CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONCRETE CUT-OFF WALLS.

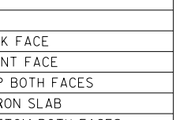


CORNER 1 CORNER 3

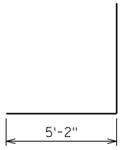


CORNER 2 CORNER 4

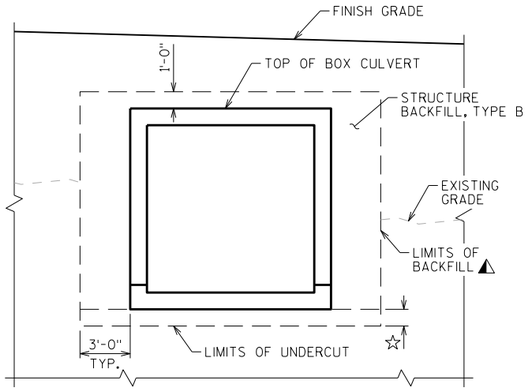
CORNER DETAILS



U401, D401



U514, U521, D513, D520

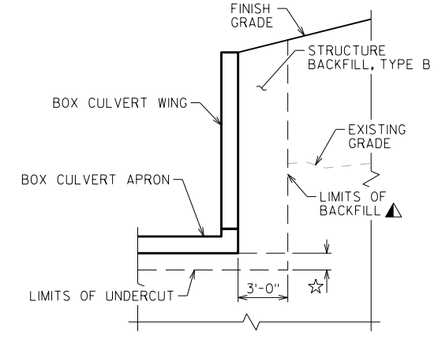


TYPICAL SECTION THRU BOX CULVERT

◭ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

☆ UNDER CUT 1'-0". EXCAVATION FOR UNDER CUT TO BE INCLUDED IN EXCAVATION FOR STRUCTURES. PLACE "GEOTEXTILE TYPE C" AND BACKFILL WITH "BREAKER RUN".

IN LIEU OF USING BREAKER RUN FOR THE BOX CONSTRUCTION PLATFORM, THE CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL. THE REGION GEOTECHNICAL ENGINEER MAY BE CONTACTED TO DETERMINE IF "OTHER GRANULAR MATERIAL" IS ACCEPTABLE.

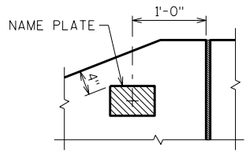


TYPICAL SECTION THRU BOX CULVERT WING

◒ 3/4" FILLER, TYP. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.

◪ 1" BEVEL, TYP.

▲ 18" RUBBERIZED MEMBRANE WATERPROOFING. EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL.



OPTIONAL CONSTRUCTION JOINT

2" DEEP SAW CUT WITHIN 12 HOURS AFTER POURING MAY BE USED IN LIEU OF CONST. JT. IN BOTTOM SLAB.

NAME PLATE LOCATION WING 4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

DETAILS

SHEET 6
298

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

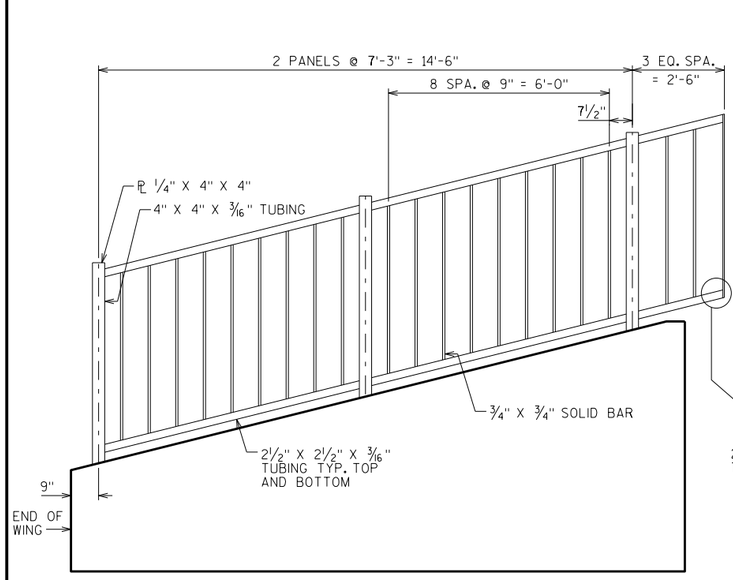
SCALE = 1.00

8

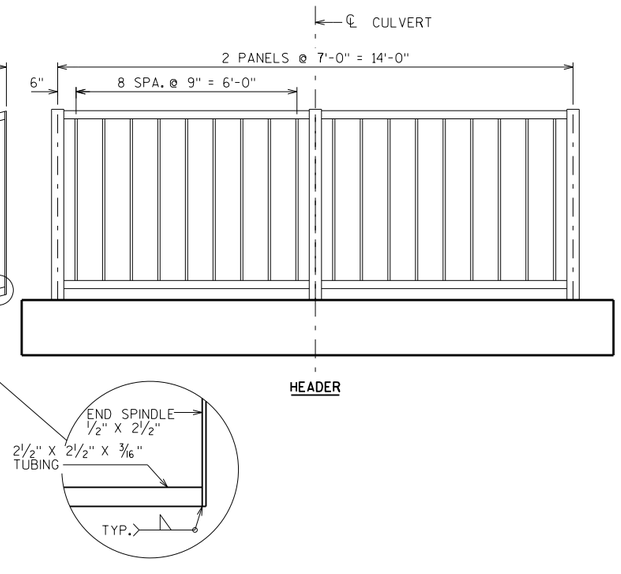
8

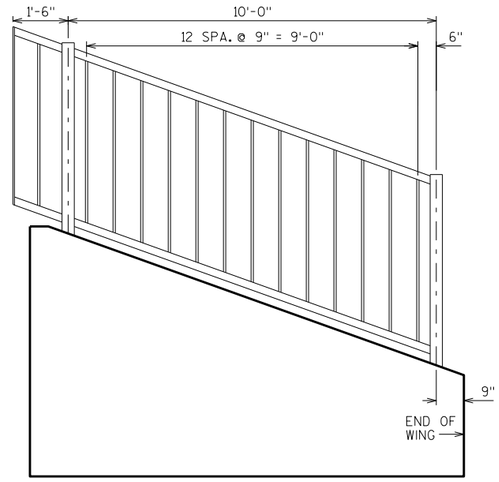
STATE PROJECT NUMBER

1146-75-72



WING 4

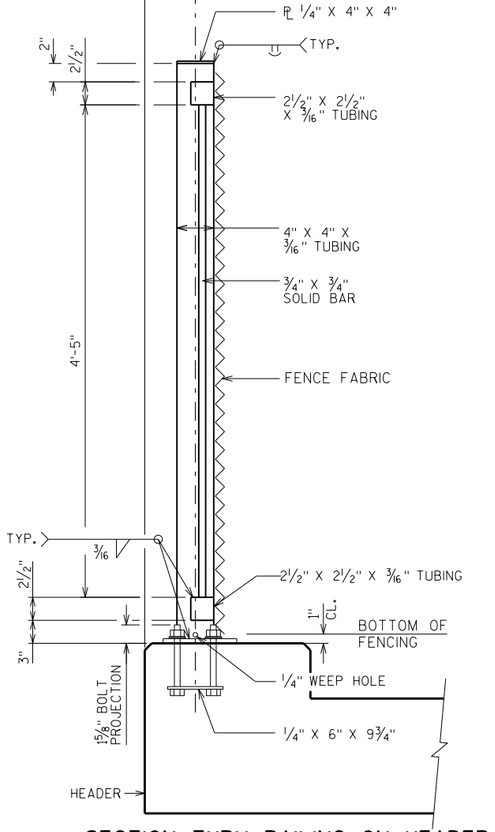




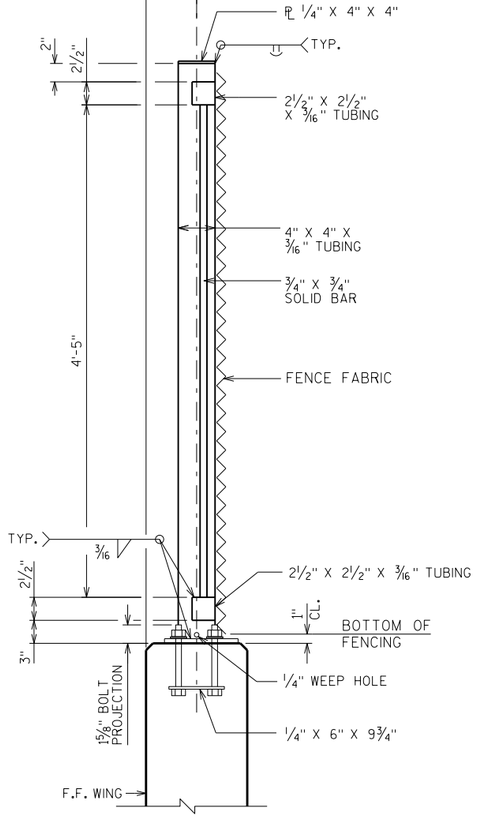
WING 3

ELEVATION OF RAILING

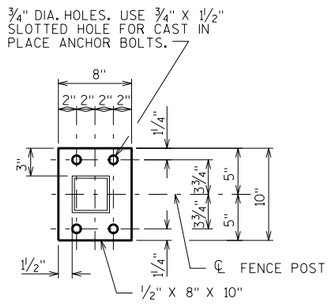
LOOKING UPSTREAM



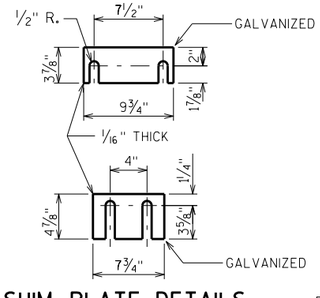
SECTION THRU RAILING ON HEADER



SECTION THRU RAILING ON WING

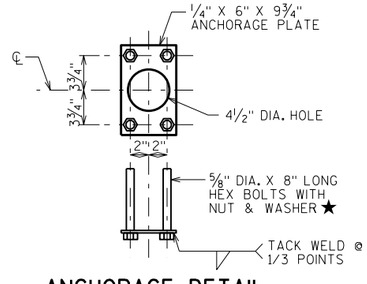


BASE PLATE



SHIM PLATE DETAILS

TWO SHIMS OF EACH SIZE REQUIRED PER POST



ANCHORAGE DETAIL

★ ALTERNATE ANCHORAGE: ADHESIVE ANCHOR ⅝-INCH. EMBED 7" IN CONCRETE AND SHALL CONFORM TO SECTION 502.2.12 OF THE STANDARD SPECIFICATION.

NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.

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. PLATES, ANGLES, BARS AND SHIMS SHALL CONFORM TO ASTM A709, GRADE 36. FENCE FABRIC SHALL CONFORM TO F668, CLASS 2B.

ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET POSTS NORMAL TO GRADE.

ALL POST SPACINGS ARE TAKEN HORIZONTAL ALONG CENTERLINE OF RAILING AT BASE OF POST.

STEEL SHIMS SHALL BE PROVIDED & 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 C-44-128" 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 THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH AN APPROVED TIE COAT AND TOP COAT AS SPECIFIED IN THE CONTRACT DOCUMENTS. THE RAILING SHALL BE PAINTED FEDERAL COLOR NO. 27038, BLACK. FENCE FABRIC AND TIES TO BE VINYL-COATED. COLOR SHALL BE BLACK IN ACCORDANCE WITH ASTM F934.

THE END OF THE FABRIC SHALL BE ATTACHED TOTHE POST BY MEANS OF A TENSION BAR THREADED THROUGH THE ENDS LOOPS OF THE FABRIC AND SECURED TO THE POSST WITH CLAMPS & BOLTS. THE FABRIC SHALL BE STRETCHED TO REMOVED ALL SLACK.

RAILING TO BE INSTALLED DURING MULTI-USE TRAIL CONSTRUCTION.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

TUBULAR STEEL RAILING

SHEET 7

299

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 1.00

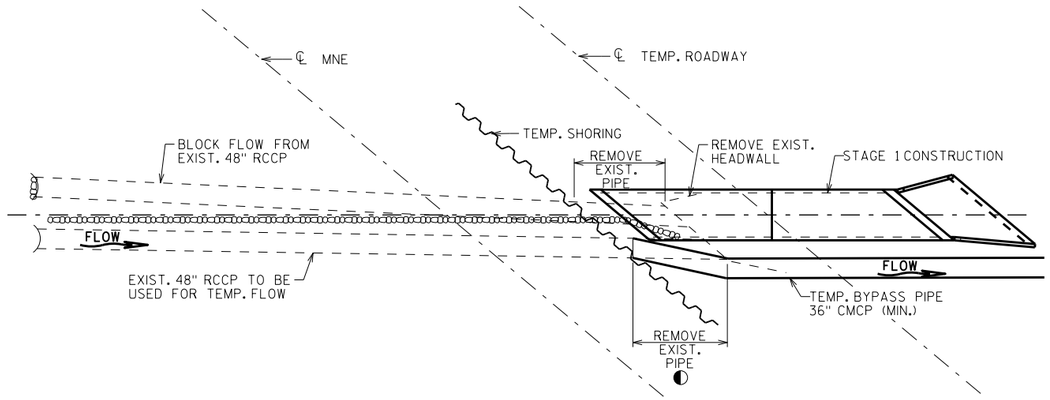
SCREENING 7-16

8

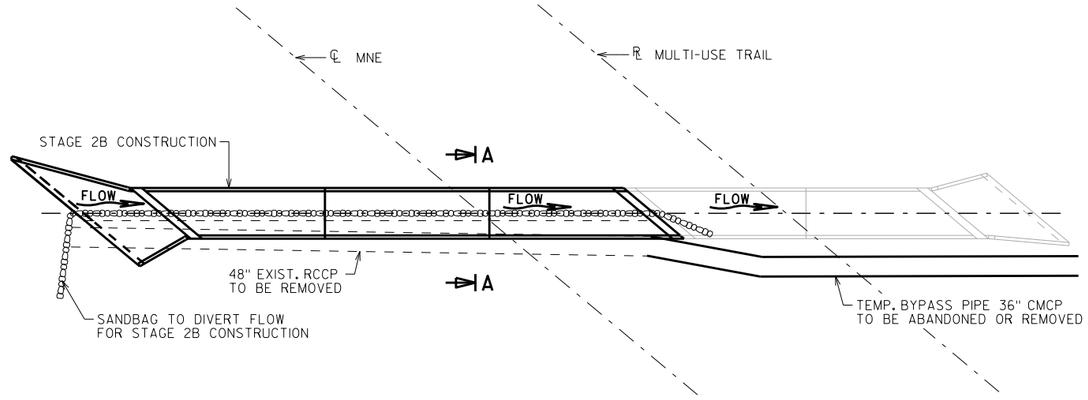
8

STATE PROJECT NUMBER

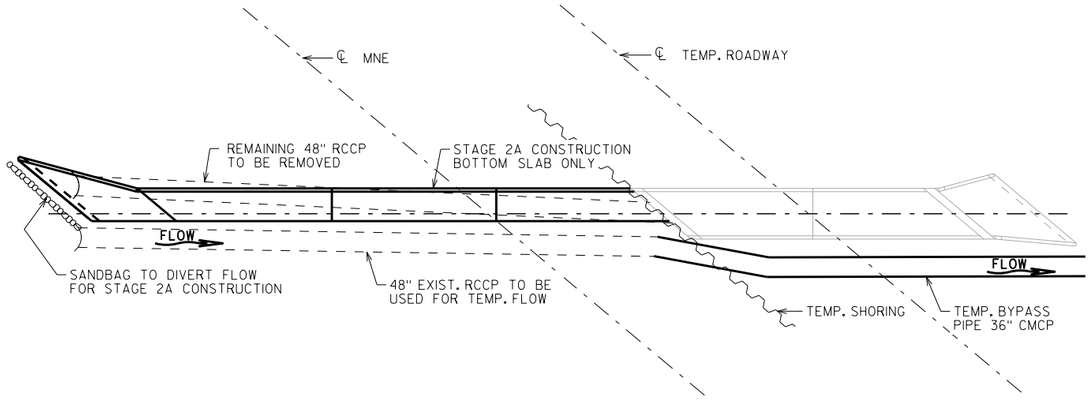
1146-75-72



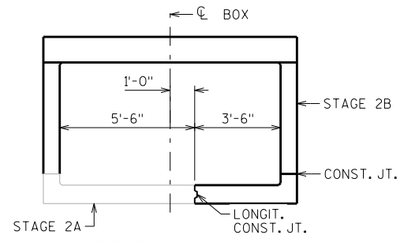
STAGE 1



STAGE 2B



STAGE 2A



SECTION A-A

◐ EXISTING NORTH PIPE TO RUN 1'-0" MIN. THROUGH TEMPORARY SHORING. CONTRACTOR TO ENSURE FLOW IS MAINTAINED BETWEEN EXISTING NORTH PIPE AND TEMP. BYPASS PIPE.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE C-44-128

DRAWN BY SAD | PLANS CK'D. JJS

STAGING DETAILS

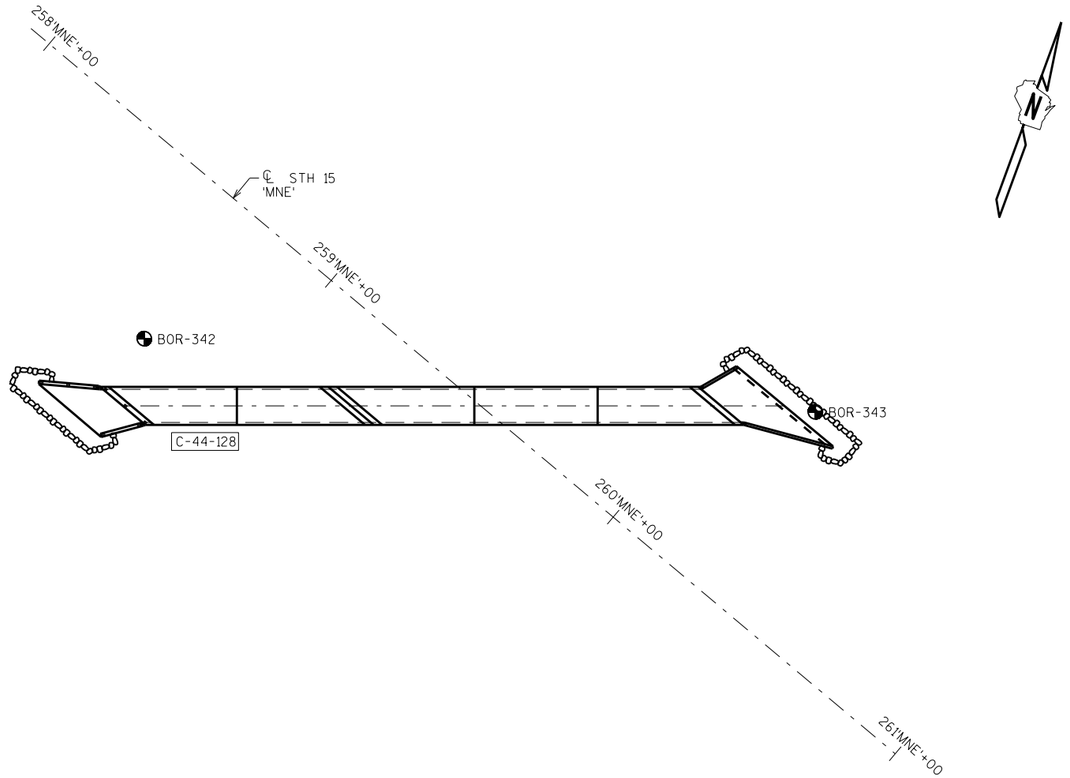
SHEET 8

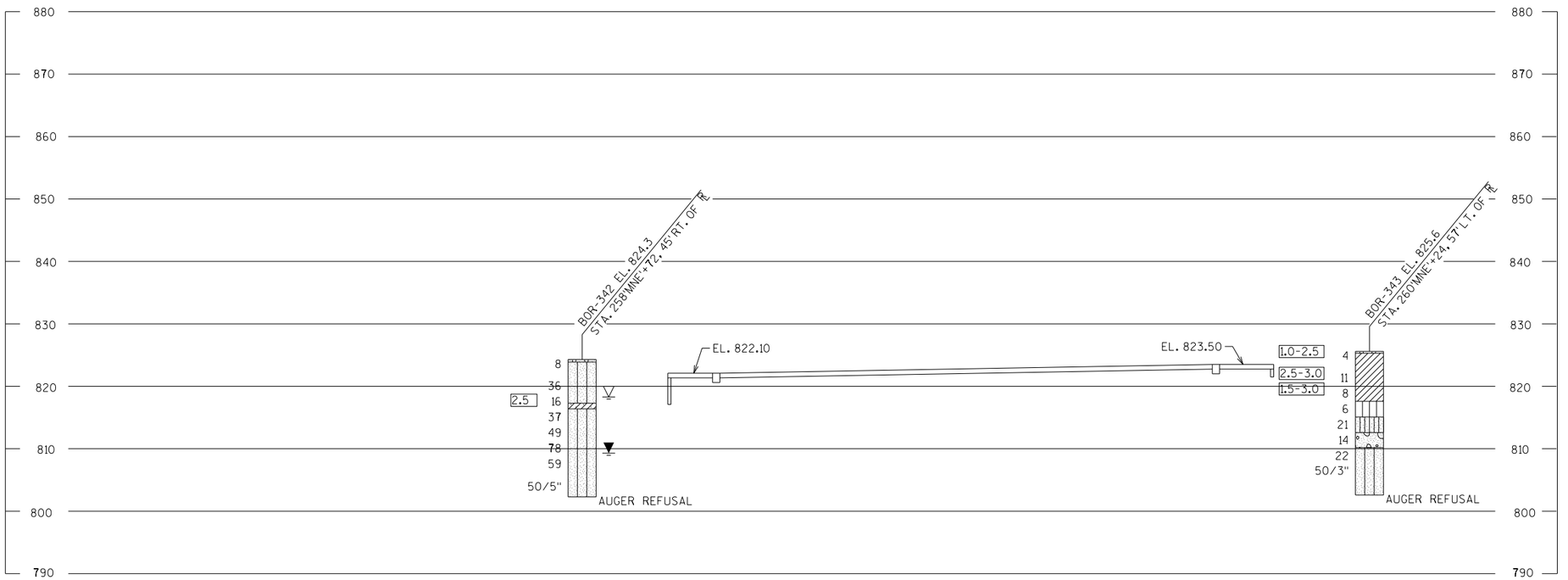
300

APPROVED FOR DESIGN OF UTILITY ADJUSTMENTS OCTOBER 2019

SCALE = 15.00

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
342	4/03/2014	588123	773493
343	4/03/2014	588167	773671
BORINGS COMPLETED BY: GESTRA			
REPORT COMPLETED BY: CH2MHILL			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) OUTAGAMIE COUNTY			





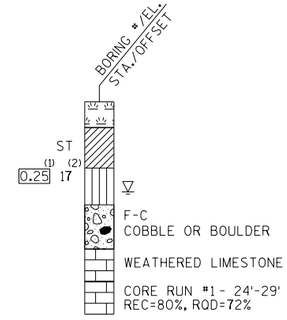
STATE PROJECT NUMBER

1146-75-72

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 C-44-128

DRAWN BY SAD/TLP | PLANS CK'D. JJS

SUBSURFACE EXPLORATION

SHEET 9

301

APPROVED FOR DESIGN OF UTILITY ATTACHMENTS OCTOBER 2019

SCALE = 20.00

8

8