PROJECT ID: 2729-05-70

WITH:

COUNTY: OZAUKEE

ORDER OF SHEETS

TOTAL SHEETS =

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WAUWATOSA ROAD, CITY OF CEDARBURG

CTH C TO STH 60

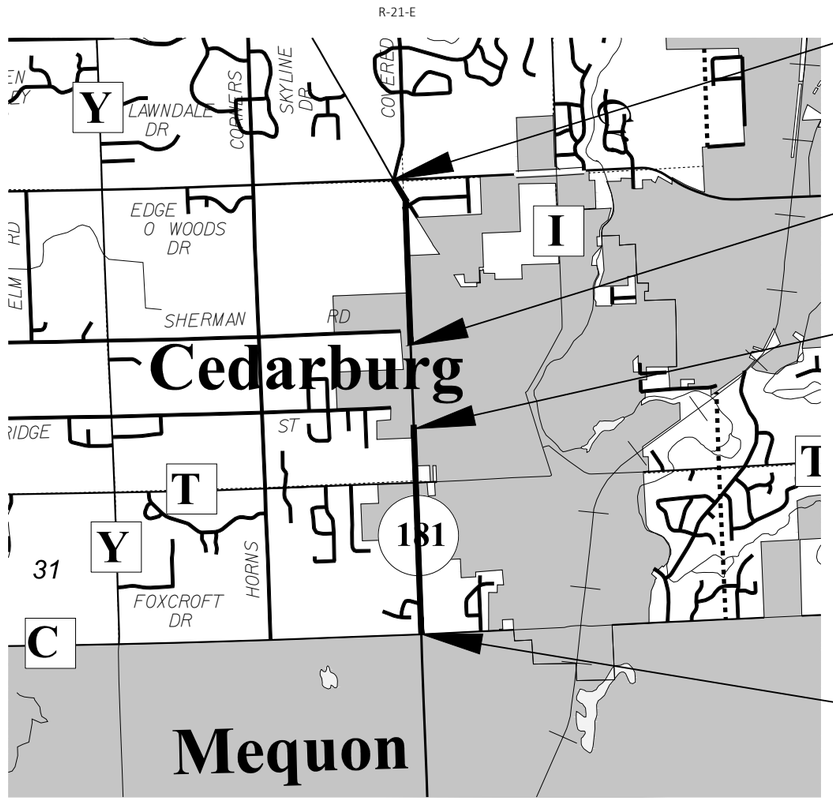
STH 181

OZAUKEE COUNTY

STATE PROJECT NUMBER
2729-05-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
PROJECT ID		
2729-05-70		

30% PLAN
FOR REVIEW ONLY
JANUARY 3, 2020



DESIGN DESIGNATION			CTH C TO CTH T	CTH T TO BRIDGE ST	BRIDGE ST TO WASHINGTON AVE	WASHINGTON AVE STH 60
A.A.D.T.	2013	=	7000-7700	7400	5500	9600
A.A.D.T.	2033	=	8300-9500	9600	7300	11900
D.H.V.		=	1054-1207	1219	927	1511
D.D.		=	58/42	58/42	58/42	58/42
T.		=	4.7%	4.7%	4.7%	4.7%
DESIGN SPEED		=	50 MPH	50 MPH	50 MPH	50 MPH
ESALS		=	1,136,446 - 1,227,573	1,262,718	950,752	1,596,966

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

LAYOUT

SCALE 0 1.0 MI

NET LENGTH OF CENTERLINE (SOUTH HALF) = 0.693 MI
NET LENGTH OF CENTERLINE (NORTH HALF) = 1.414 MI
TOTAL NET LENGTH OF CENTERLINE = 2.107 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), OZAUKEE COUNTY NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012) GPS DERIVED ELEVATIONS ON GEOID 12A-WI

ORIGINAL PLANS PREPARED BY

KAPUR & ASSOCIATES

DATE: _____ _____
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/KAPUR & ASSOCIATES
Designer	KAPUR & ASSOCIATES
Project Manager	BRIAN PLUEMER
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	REEM SHAHIN

APPROVED FOR THE DEPARTMENT

DATE: _____ _____
(Signature)

PRE_1

E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\010101_TI.DWG PLOT DATE : 1/3/2020 8:14 AM PLOT BY : WALTER A. WOLAK II 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. EXISTING UTILITIES ARE SHOWN FROM AS-BUILT PLANS PROVIDED BY THE UTILITY. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

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

ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE FILLED WITH BACKFILL GRANULAR. BACKFILL GRANULAR MATERIAL IS INCIDENTAL TO THE REMOVAL ITEM.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS.

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

INLET PROTECTION IS REQUIRED AT ALL INLETS AS PER DETAIL OR AS DIRECTED BY THE ENGINEER.

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

EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND ENGINEER IN THE FIELD.

DISTURBED AREAS SHALL BE TOPSOILED, FERTILIZED, MULCHED AND SEEDED AS DIRECTED BY THE ENGINEER.

FERTILIZE, SEED AND MULCH ALL TOPSOILED AREAS WITHIN 7 WORKING DAYS AFTER GRADING WORK IS COMPLETED.

ALL PRIVATE EXISTING UTILITIES ARE TO BE ADJUSTED BY THE UTILITIES CONCERNED. COMBINED SEWER MANHOLES, WATER MANHOLES, WATER VALVE BOXES, AND HYDRANTS WILL BE ADJUSTED AND PAID FOR AS NON-PARTICIPATING ITEMS.

THE EXACT LOCATION OF EXCAVATION BELOW SUBGRADE (EBS) WILL BE DETERMINED BY THE ENGINEER.

CONCRETE CURB AND GUTTER GRADES ARE TO THE FLANGE OF CURB AND GUTTER OR THE THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. DISTANCES SHOWN FOR CURB AND GUTTER RADII ARE MEASURED TO THE FACE OF CURB.

LOCATIONS OF DRAINAGE STRUCTURES IN CURB AND GUTTER REFER TO FACE OF CURB.

LOCATIONS OF DRAINAGE STRUCTURES NOT IN CURB AND GUTTER REFER TO CENTERLINE OF COVER.

ELEVATIONS ARE GIVEN TO FLOWLINE OF INLETS OR CENTERLINE OF COVER FOR MANHOLES.

EXPANSION JOINTS ARE TO BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER ADJACENT TO CONCRETE PAVEMENT.

THE EXACT LOCATION OF DRIVEWAYS IS TO BE DETERMINED BY THE ENGINEER AND REPLACED IN KIND UNLESS NOTED OTHERWISE.

CONCRETE DRIVEWAY REMOVAL WILL BE PAID FOR AS REMOVING PAVEMENT.

SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" WILL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II."

REMOVAL OF EROSION CONTROL DEVICES WILL BE INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.

TRAFFIC CONTROL DEVICES WILL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CONTRACTOR MUST CONTACT PROJECT ENGINEER AND SEWRPC AT LEAST TWO WEEKS PRIOR TO CONDUCTING WORK NEAR ANY PUBLIC SURVEY MONUMENT

A SAWED JOINT IS REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE.

PAVING OPERATIONS SHALL BE CONSISTENT WITH THE TYPICAL SECTIONS, WITH LONGITUDINAL JOINTS CONSTRUCTED AT LANE LINES ONLY.

SHOULDERS TO BE PAVED WITH MAINLINE SURFACE

STATIONING DISTANCES AND OFFSETS OF SIGNS SHOWN IN THE PLANS ARE APPROXIMATE AND THE FINAL LOCATION OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER.

REINFORCED CONCRETE APRON ENDWALLS AND ADJOINING TWO SECTIONS OF CONCRETE PIPE WILL BE TIED TOGETHER AS SHOWN ON THE STANDARD DETAIL DRAWINGS. JOINT TIES WILL BE INCIDENTAL TO ITEMS INCLUDED IN THE COST OF THE CONCRETE PIPE

HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS AND GRADATIONS:.

4-INCH HMA PAVEMENT
1.75" UPPER LAYER 4 MT 58-28 S
2.25" LOWER LAYER 3 MT 58-28 S

STANDARD ABBREVIATIONS

<	ANGLE
ADT	AVERAGE DAILY TRAFFIC
AC	ACRE
AE, AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALTIC
BC	BACK OF CURB
BF	BACK FACE
BIT	EXISTING BITUMINOUS
BM	BENCH MARK
BEG	BEGIN
BK	BACK
C & G	CURB AND GUTTER
CABC	CRUSHED AGGREGATE BASE COURSE
CB	CATCH BASIN
CMCP	CORRUGATED METAL CULVERT PIPE
CMP	CORRUGATED METAL PIPE
CP	CULVERT PIPE
CY	CUBIC YARD
CL OR C/L	CENTER LINE
CO	COUNTY
CONC	CONCRETE
CONST	CONSTRUCTION
CR	CREEK
CSO	COMBINED SEWER OVERFLOW
CTH	COUNTY TRUNK HIGHWAY
CWT	HUNDRED WEIGHT
D	DEGREE OF CURVE
∆	DELTA
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
DISCH	DISCHARGE
E	EAST
EA	EACH
EB	EASTBOUND
EBS	EXCAVATION BELOW SUBGRADE
EL, ELEV	ELEVATION
ELEC	ELECTRIC(AL), ELEC CABLE
EMB	EMBANKMENT
ESALS	EQUIVALENT SINGLE AXEL LOADS
ESMT	EASEMENT
EW	ENDWALL
EXC	EXCAVATION
EXIST	EXISTING BITUMINOUS
EXP	EXPANSION
FC	FACE OF CURB
FE	FIELD ENTRANCE
FF	FACE TO FACE
F/L, FL	FLOW LINE
FERT	FERTILIZER
FHWA	FEDERAL HIGHWAY
FT	FOOT (FEET)
G	GAS
GN	GRID NORTH
H	HOUSE
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HR	HANDICAP RAMP
HYD	HYDRANT
I	INTERSECTION ANGLE
ID	INSIDE DIAMETER
INL	INLET
INTER	INTERSECTION
INV	INVERT
IP	IRON PIPE
JT	JOINT
K	RATE OF VERTICAL CURVATURE
L	LENGTH OF CURVE
LB	POUND
LC	LONG CHORD OF CURVE
LP	LOW POINT
LF	LINEAR FOOT(FEET)
LHF	LEFT HAND FORWARD
LS	LUMP SUM
LT	LEFT
M	MARSH
MATL	MATERIAL
MP	MARKER POST
MAX	MAXIMUM
MGAL	1000 GALLONS
MH	MANHOLE
MIN	MINIMUM
ML OR M/L	MATCH LINE
N	NORTH
NB	NORTHBOUND
NC	NORMAL CROWN OR NO CHANGE
NO	NUMBER
NW OR N/W	NORMAL WATER
OBLIT	OBLITERATE
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLE	PERMANENT LIMITED EASEMENT
PRC	POINT OF REVERSE CURVE
PROJ	PROJECT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PAV'T	PAVEMENT
PCC	PORTLAND CEMENT CONCRETE
R	RADIUS OR RANGE
RC	REVERSE CURVE
RCCP	REINFORCED CONCRETE CULVERT PIPE
RCHECP	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CULVERT PIPE
RCPSS	REINFORCED CONCRETE PIPE STORM SEWER
RHF	RIGHT HAND FORWARD
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RD	ROAD
RDWY	ROADWAY
REL	RELOCATE
REM	REMAINING
REQD	REQUIRED
RO	RUN OFF LENGTH
RT	RIGHT
RW	RETAINING WALL
S	SOUTH
SALV	SALVAGED
SAN/SA	SANITARY
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWINGS
SE	SUPERELEVATION
SEC	SECTION
SF	SQUARE FOOT (FEET)
S/L	SURVEY LINE
SHLDR	SHOULDER(S)
SHR	SHRINKAGE
SPECS	SPECIFICATIONS
SS	STORM SEWER
STA	STATION
STH	STATE TRUNK HIGHWAY
STR	STRUCTURE
SW	SIDEWALK
SY	SQUARE YARD
TAN	TANGENT
TEL	TELEPHONE
T	(TRUCKS) PERCENT OF
TC	TOP OF CURB
TAN	TANGENT
TEMP	TEMPORARY
TL OR T/L	TRANSIT LINE
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
UG	UNDERGROUND (CABLE)
UNCL	UNCLASSIFIED
VAR	VARIABLE
VCL	VERTICAL CURVE LENGTH
VPC	VERTICAL POINT OF CURVATURE
VPCC	VERTICAL POINT OF COMPOUND CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVE
VPT	VERTICAL POINT OF TANGENCY
VLV	VALVE
VOL	VOLUME
W	WEST
WB	WESTBOUND
WV	WATER VALVE
X	EASTING OR EAST GRID COORDINATE
Y	NORTHING OR NORTH GRID COORDINATE
YD	YARD

2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	GENERAL NOTES & UTILITY CONTACTS	SHEET PRE_2 E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020101_GN.DWG
LAYOUT NAME - 01
PLOT DATE : 1/3/2020 8:14 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

UTILITY/AGENCY CONTACTS

AT&T WISCONSIN - COMMUNICATION LINE
JEFF OLDENBURG
2005 PEWAUKEE ROAD
WAUKESHA, WI 53188
PHONE: (262)-896-7522
EMAIL: JO2376@ATT.COM

CITY OF CEDARBURG - SEWER
TOM WIZA
W63 N645 WASHINGTON AVE P.O. BOX 49
CEDARBURG, WI 53012
PHONE: (262)-375-7610
EMAIL: TWIZA@CI.CEDARBURG.WI.US

WISDOT ATR PULL BOXES
CHAD BIGLER
TRAVEL SURVEY SHOP, 3633 PIERSTORFF ST P.O. BOX 2583
MADISON, WI 53704-2583
PHONE: (608)-535-7413
EMAIL: CHAD.BIGLER@DOT.WI.GOV

WISDOT - SIGNALS
DERRIN WOLFORD
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262)-521-4409
EMAIL: DERRIN.WOLFORD@DOT.WI.GOV

CITY OF CEDARBURG - WATER
DALE LYTHJOHAN
N30 W5926 LINCOLN BLVD P.O. BOX 767
CEDARBURG, WI 53012-0767
PHONE: (262)-375-7650
EMAIL: DLYTHJOHAN@CEDARBURGLIGHTANDWATER.ORG

CITY OF CEDARBURG - ELECTRICITY
DALE LYTHJOHAN
N30 W5926 LINCOLN BLVD P.O. BOX 767
CEDARBURG, WI 53012-0767
PHONE: (262)-375-7650
EMAIL: DLYTHJOHAN@CEDARBURGLIGHTANDWATER.ORG

WISDOT - STREET LIGHTING
ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262)-574-5422
EMAIL: ERIC.PEREA@DOT.WI.GOV

WE ENERGIES - GAS/ELECTRIC
NICOLE SMULLEN
333 W EVERETT ST, ROOM A299
MILWAUKEE, WI 53203
PHONE: (414)-221-5617
EMAIL: NICOLE.SMULLEN@WECENERGYGROUP.COM

WE ENERGIES - ELECTRIC EMERGENCY
PHONE: 1-(800)-662-4797

WE ENERGIES - GAS EMERGENCY
PHONE: 1-(800)-261-5325

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

OTHER CONTACTS

MILWAUKEE COUNTY TRANSIT SYSTEM - BUS STOP PLANNER
ANDY TILLMAN
1942 N. 17TH ST.
MILWAUKEE, WI 53205
PHONE: (414)-343-1728
EMAIL: ATILLMAN@MCTS.COM

MILWAUKEE COUNTY TRANSIT SYSTEM - COORDINATOR OF STREET SUPERVISION
MELANIE FLYNN
1942 N. 17TH ST.
MILWAUKEE, WI 53205
PHONE: (414)-343-1764
EMAIL: MFLYNN@MCTS.COM

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT
MICKI KLAPPA-SULLIVAN
260 W. SEEBOTH ST.
MILWAUKEE, WI 53204
PHONE: (414)-225-2187
EMAIL: MKLAPPASULLIVAN@MMSD.COM

KAPUR & ASSOCIATES
KURT FARRENKOPF
7711 N. PORT WASHINGTON ROAD
MILWAUKEE, WI 53217
PHONE: (414)-751-7226
EMAIL: KFARRENKOPF@KAPURINC.COM

CITY OF CEDARBURG
TOM WIZA
W63 N645 WASHINGTON AVE P.O. BOX 49
CEDARBURG, WI 53012
PHONE: (262)-375-7610
EMAIL: TWIZA@CI.CEDARBURG.WI.US

OZAUKEE COUNTY HIGHWAY DEPARTMENT
JON EDGREN, COMMISSONER
410 SOUTH SPRING ST
PORT WASHINGTON, WI 53074
PHONE: (262)-238-8335
EMAIL: JEDGRENCO.OZAUKEE.WI.US

CITY OF MEQUON - CITY ENGINEER/DIRECTOR OF PUBLIC WORKS
KRISTEN LUNDEENE
11333 N. CEDARBURG RD.
MEQUON, WI 53092
PHONE: (262)-236-2936
EMAIL: KLUNDEENE@CI.MEQUON.WI.US

TOWN OF CEDARBURG - DIRECTOR OF PUBLIC WORKS
JEFF BUERNER
1293 WASHINGTON AVE
CEDARBURG, WI 53012
PHONE: (262)-377-4509
EMAIL: JBUERNER@TOWN.CEDARBURG.WI.US

DESIGN INDEX

2

CITY OF MEQUON

CTH C (PIONEER RD)

TOWN OF CEDARBURG

GLENVIEW LN

R/L STH 181

END CONSTRUCTION
STA 213+54.78

CTH T (WESTERN AVE)

175+00 180+00 185+00 190+00 195+00 200+00 205+00 210+00 215+00 220+00 225+00

STH 181

BEGIN PROJECT
STA 180+12.66

TOWN OF CEDARBURG

LINCOLN BLVD

CITY OF CEDARBURG

BRIDGE RD

TOPVIEW TRAIL

TOWN OF CEDARBURG

SHERMAN RD

CITY OF CEDARBURG

R/L STH 181

END PROJECT
STA 331+27.10

255+00 260+00 265+00 270+00 275+00 280+00 285+00 290+00 295+00 300+00 305+00 310+00 315+00 320+00 325+00 330+00

STH 181

STH 181

WASHINGTON AVE

BEGIN CONSTRUCTION
STA 256+60.55

CITY OF CEDARBURG

CHATHAM ST

TOWN OF CEDARBURG

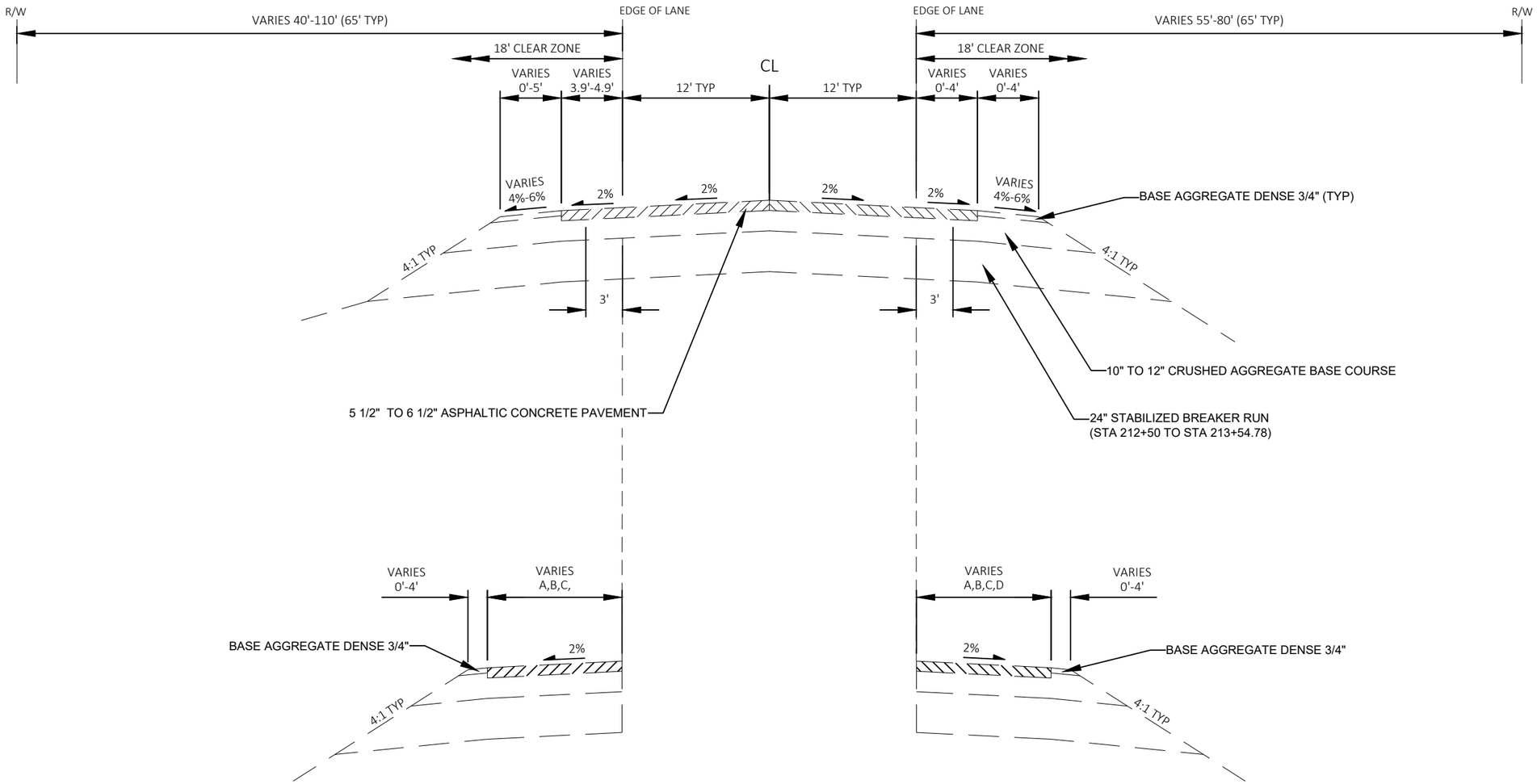
CITY OF CEDARBURG

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PROJECT OVERVIEW	SHEET E

PRE_4

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020201_PO.DWG
LAYOUT NAME - P0 - (1)
PLOT DATE : 1/3/2020 8:14 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 44

2



BYPASS LANE OR RIGHT TURN LANE

STA 201+35 TO STA 204+76 (A = VARIES 0' - 12')
STA 204+76 TO STA 207+11 (B = 12')
STA 207+11 TO STA 209+30 (C = VARIES 0' - 12')

BYPASS LANE OR RIGHT TURN LANE

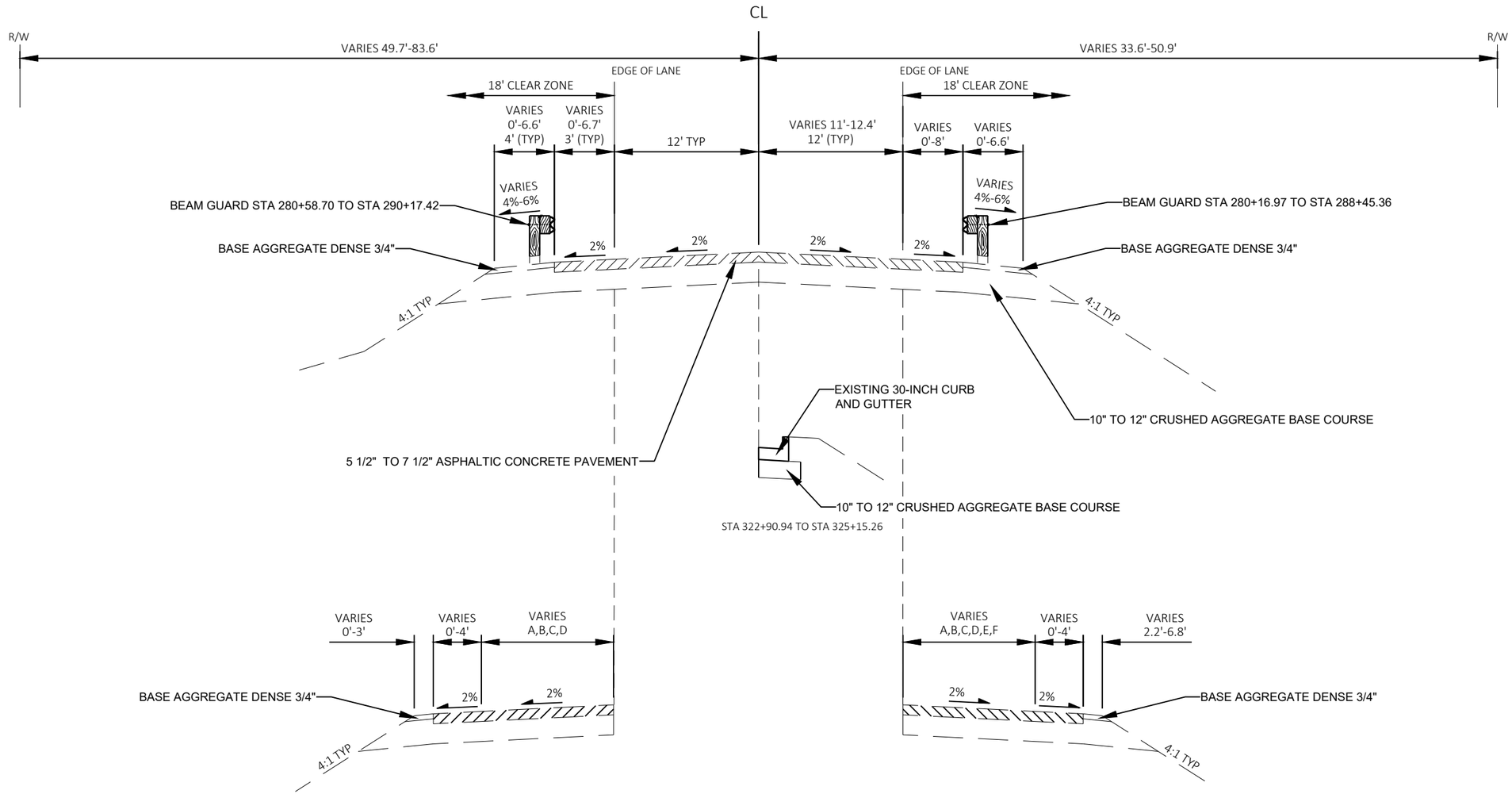
STA 180+50 TO STA 187+37 (A = VARIES 0' - 9.5')
STA 197+74 TO STA 202+27 (B = VARIES 0' - 14.6')
STA 202+27 TO STA 206+20 (C = 14.6')
STA 206+20 TO STA 207+17 (D = VARIES 0' - 14.6')

TYPICAL EXISTING SECTION - STH 181

STA 180+12.66 TO STA 213+54.78

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	TYPICAL EXISTING SECTION	SHEET E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 01
PLOT DATE : 1/3/2020 8:14 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
PRE_5
WISDOT/CADDS SHEET 42



BYPASS LANE OR RIGHT TURN LANE

STA 261+49.22 TO STA 262+63.79 (A = VARIES 0' - 12')
STA 262+63.79 TO STA 266+36.73 (B = 12')
STA 266+36.75 TO STA 268+54.99 (C = VARIES 0' - 12')
STA 328+80.09 TO STA 329+64.32 (D = VARIES 0' - 11.6')

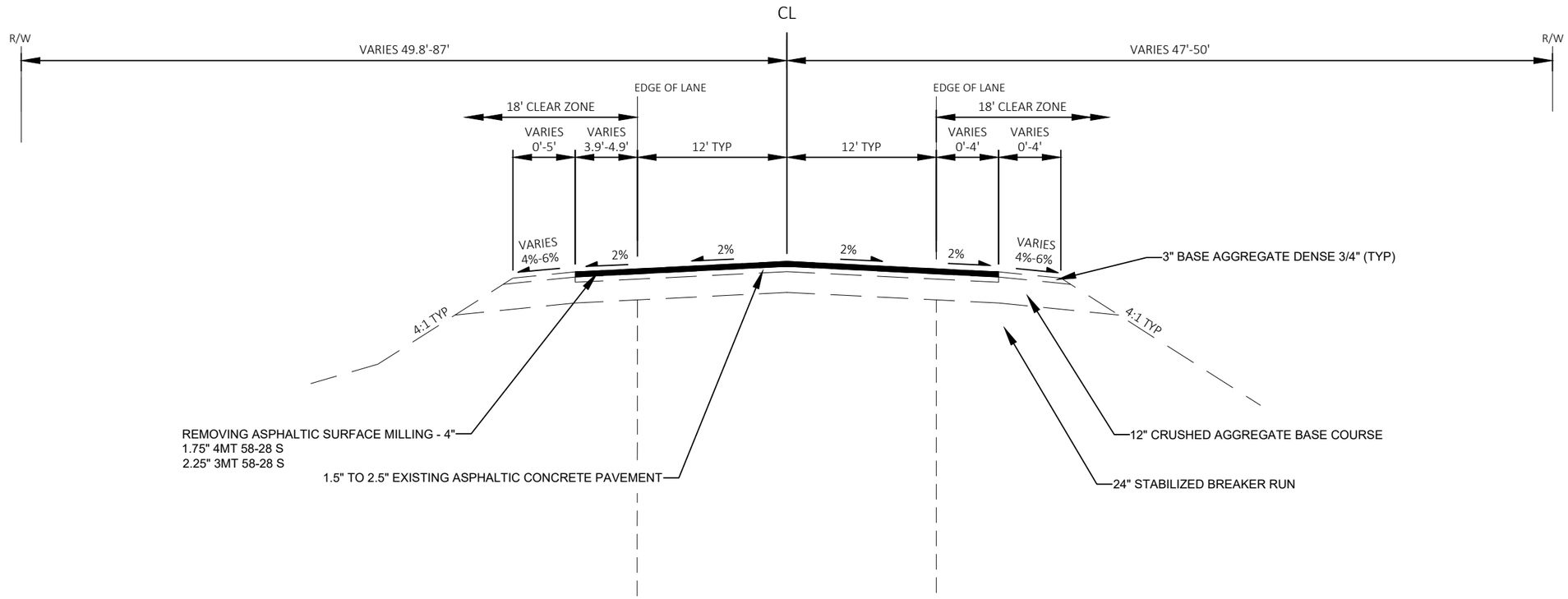
BYPASS LANE OR RIGHT TURN LANE

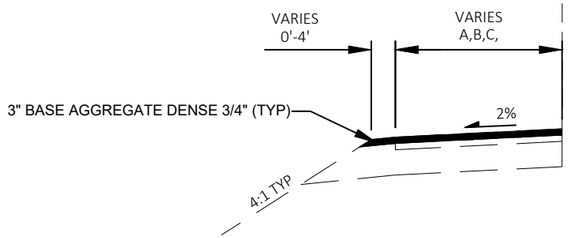
STA 259+17.94 TO STA 260+87.11 (A = VARIES 0' - 12.9')
STA 260+87.11 TO STA 264+10.75 (B = VARIES 12.4' - 12.9')
STA 264+10.75 TO STA 265+31.24 (C = VARIES 0' - 12.4')
STA 298+03.09 TO STA 300+22.50 (D = VARIES 0' - 17.2')
STA 300+22.50 TO STA 301+22.83 (E = 17.2')
STA 301+22.83 TO STA 302+36.54 (F = VARIES 0' - 17.2')

TYPICAL EXISTING SECTION - STH 181

STA 256+12.66 TO STA 322+90.94
STA 325+15.26 TO STA 329+67.12

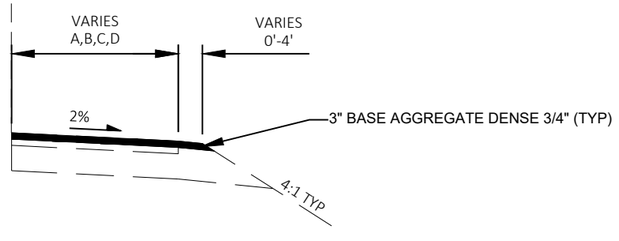
PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	TYPICAL EXISTING SECTION	SHEET PRE_6 E





BYPASS LANE OR RIGHT TURN LANE

STA 201+35 TO STA 204+76 (A = VARIES 0' - 12')
STA 204+76 TO STA 207+11 (B = 12')
STA 207+11 TO STA 209+30 (C = VARIES 0' - 12')



BYPASS LANE OR RIGHT TURN LANE

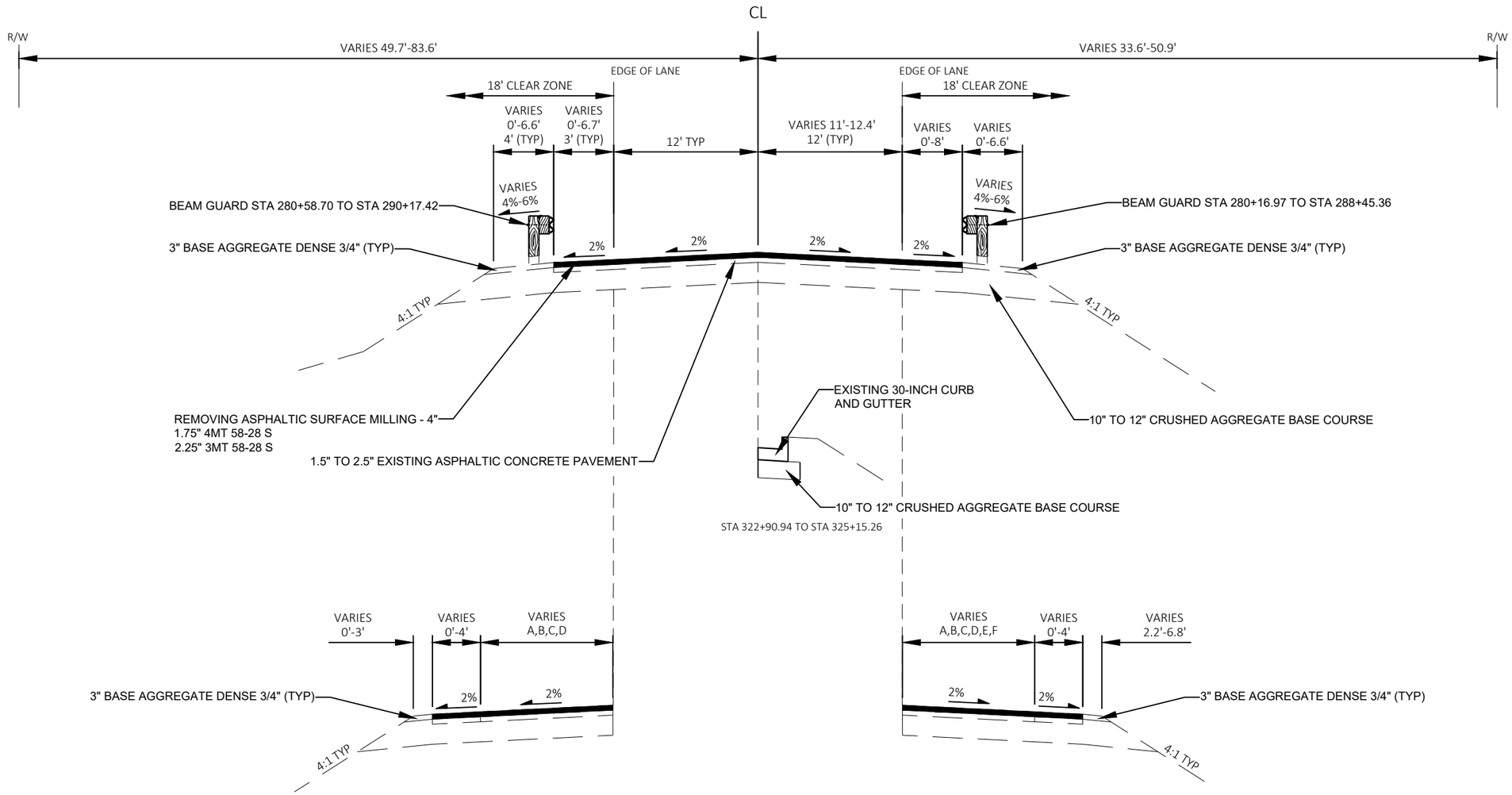
STA 180+50 TO STA 187+37 (A = VARIES 0' - 9.6')
STA 197+74 TO STA 202+27 (B = VARIES 0' - 14.6')
STA 202+27 TO STA 206+20 (C = 14.6')
STA 206+20 TO STA 207+17 (D = VARIES 0' - 14.6')

TYPICAL FINISHED SECTION - STH 181

STA 180+12.66 TO STA 213+54.78

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	TYPICAL FINSHED SECTION	SHEET E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 03
PLOT DATE : 1/3/2020 8:14 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
PRE_7
WISDOT/CADDS SHEET 42



BYPASS LANE OR RIGHT TURN LANE

STA 261+49.22 TO STA 262+63.79 (A = VARIES 0' - 12')
STA 262+63.79 TO STA 266+36.73 (B = 12')
STA 266+36.75 TO STA 268+54.99 (C = VARIES 0' - 12')
STA 328+80.09 TO STA 329+64.32 (D = VARIES 0' - 11.6')

BYPASS LANE OR RIGHT TURN LANE

STA 259+17.94 TO STA 260+87.11 (A = VARIES 0' - 12.9')
STA 260+87.11 TO STA 264+10.75 (B = VARIES 12.4' - 12.9')
STA 264+10.75 TO STA 265+31.24 (C = VARIES 0' - 12.4')
STA 298+03.09 TO STA 300+22.50 (D = VARIES 0' - 17.2')
STA 300+22.50 TO STA 301+22.83 (E = 17.2')
STA 301+22.83 TO STA 302+36.54 (F = VARIES 0' - 17.2')

TYPICAL FINISHED SECTION - STH 181

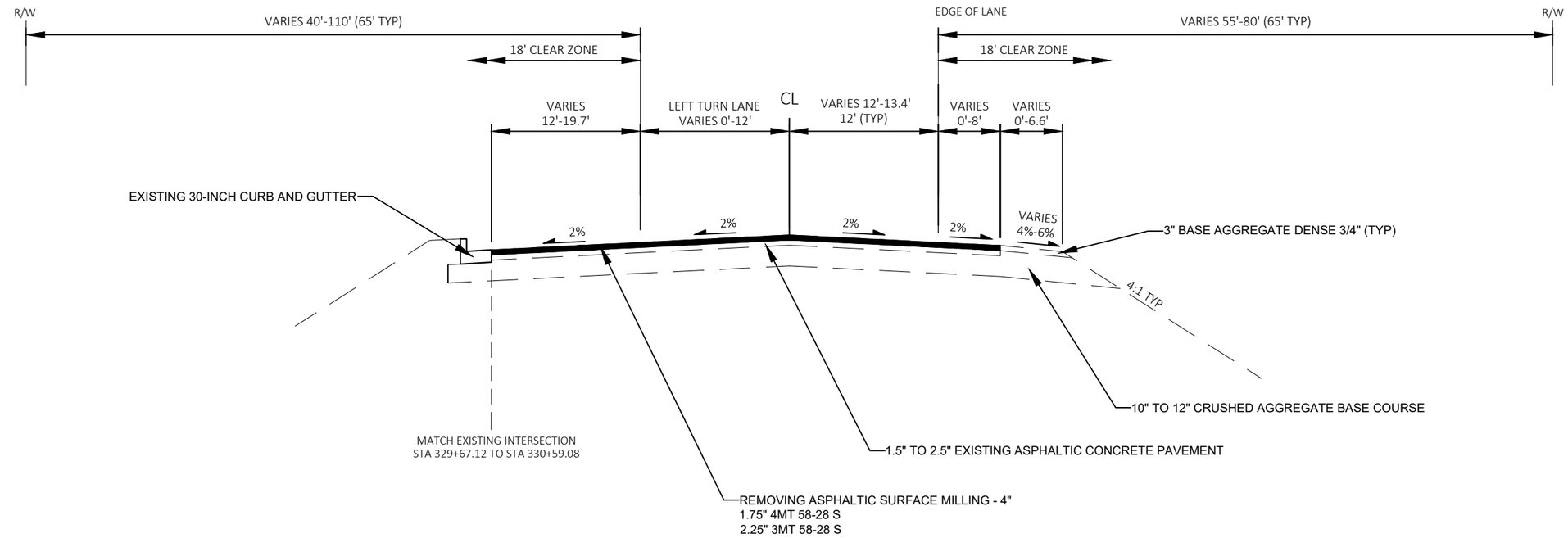
STA 256+12.66 TO STA 322+90.94
STA 325+15.26 TO STA 329+67.12

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	TYPICAL FINSHED SECTION	SHEET E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 04
PLOT DATE : 1/3/2020 8:14 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

PRE_8

2



TYPICAL FINISHED SECTION - STH 181

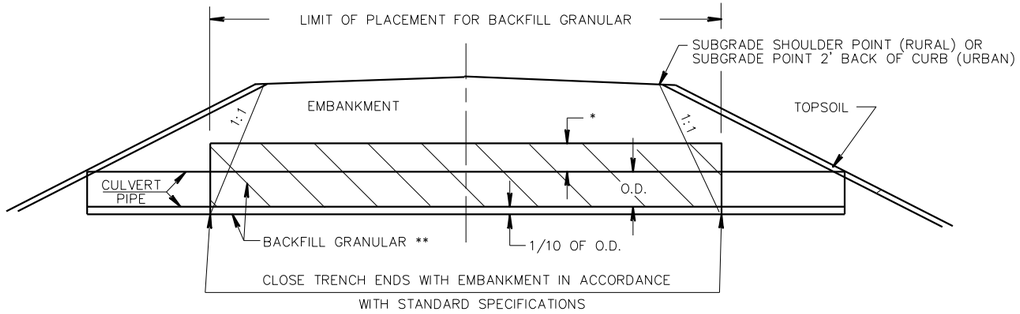
STA 329+67.12 TO STA 331+27.64

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	TYPICAL FINSHED SECTION	SHEET E

PRE_9

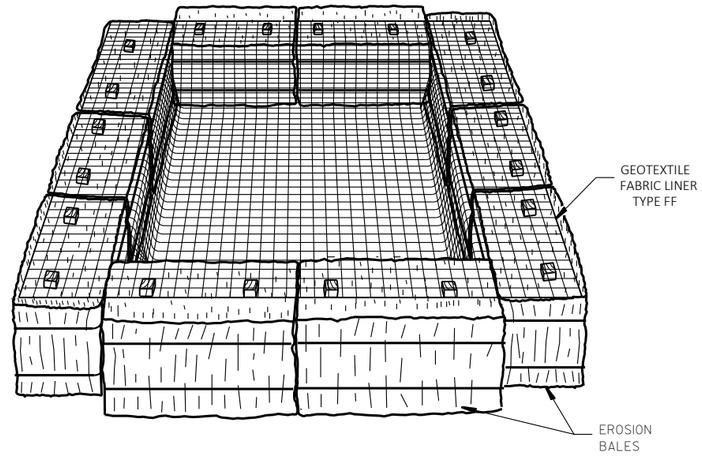
FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 05

PLOT DATE : 1/3/2020 8:14 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:10 FT



CULVERT BACKFILL DETAIL
SEE PLAN DETAILS FOR LOCATIONS

OD = OUTSIDE DIAMETER
* CULVERT PIPE IN NEW EMBANKMENT = 1' MIN
* CULVERT PIPE IN EXISTING EMBANKMENT =
TO EXISTING GROUND ELEVATION
** INCIDENTAL TO CULVERT PIPE



TEMPORARY SETTLING BASIN

(SIZE TO BE DETERMINED IN FIELD AS INDICATED BELOW:)

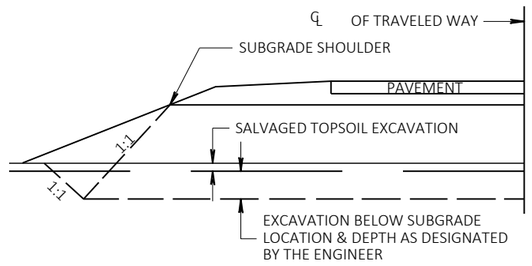
STORAGE VOLUME (C.F.) = 16 X GPM (PUMP RATE)

EXAMPLE:
CONTRACTOR INDICATES PUMP CAPABLE OF 50 GPM
HEIGHT OF BALES = 1.5 FT.

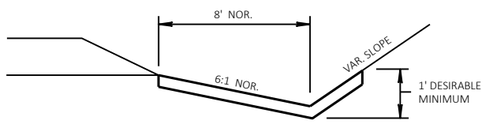
SOLUTION:
SV (C.F.) = 16 X 50
SV = 800 C.F.

$\frac{800\ C.F.}{1.5\ FT.}$ = 533 S.F.

USE A 20 FT. X 27 FT. BASIN

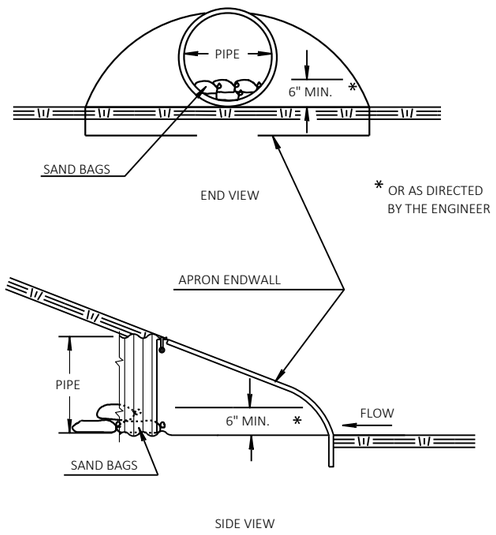


DETAIL FOR EXCAVATION BELOW SUBGRADE

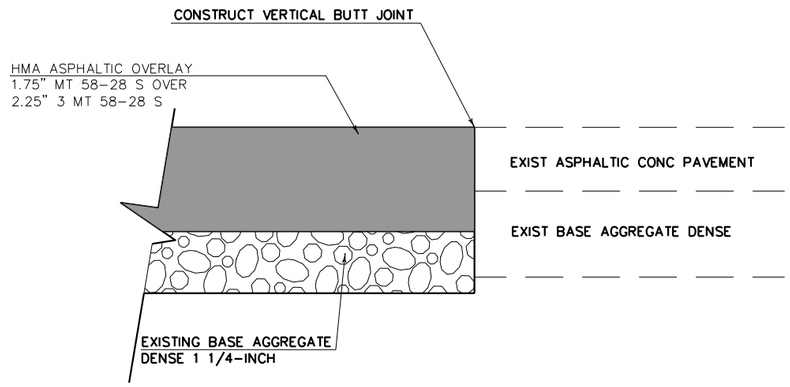


SOD OR EROSION MAT DETAIL FOR DITCHES

SEE EROSION CONTROL PLAN FOR LOCATIONS

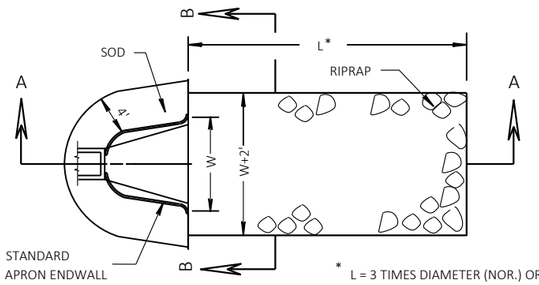


CULVERT PIPE DITCH CHECK

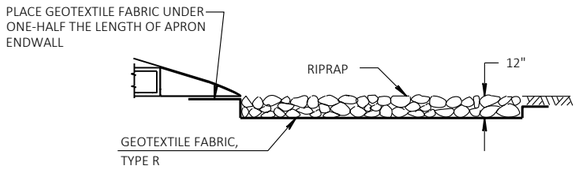


BUTT JOINT DETAIL

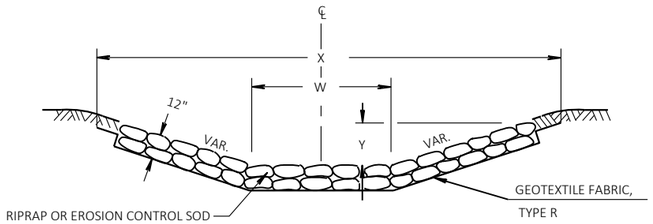
PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	CONSTRUCTION DETAILS	SHEET E



* L = 3 TIMES DIAMETER (NOR.) OR AS INDICATED IN THE PLANS OR 10' MIN. OR AS DIRECTED BY THE ENGINEER



SECTION A-A



SECTION B-B

X=W+2' FOR TYPICAL CULVERT DISCHARGE INTO DITCH
W+5' FOR CULVERT DISCHARGE DOWN EMBANKMENT SLOPE

Y= 0' FOR TYPICAL CULVERT DISCHARGE INTO DITCH
12' FOR CULVERT DISCHARGE DOWN EMBANKMENT SLOPE

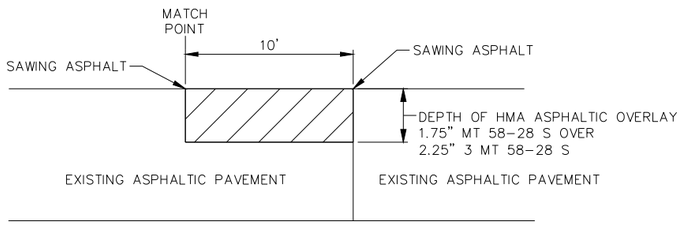
SOD, RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

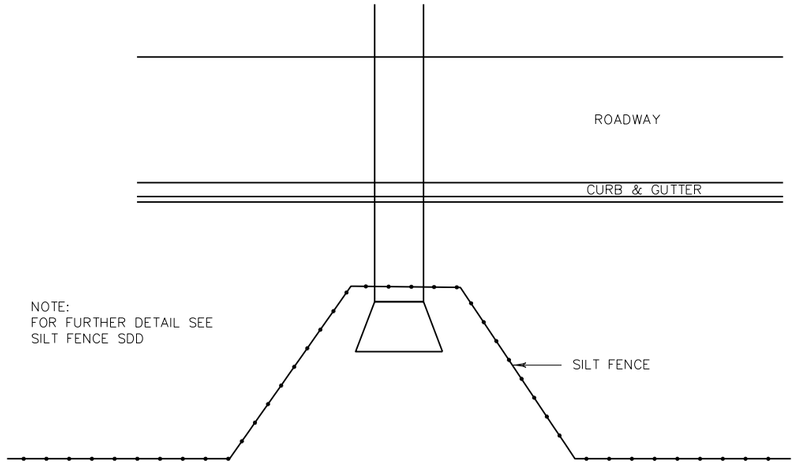
TOTAL PROJECT AREA = 30 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 8.41 ACRES

REMOVING ASPHALTIC SURFACE BUTT JOINTS OR AS SHOWN ON PLANS, EXACT LIMITS TO BE LOCATED BY THE ENGINEER IN THE FIELD

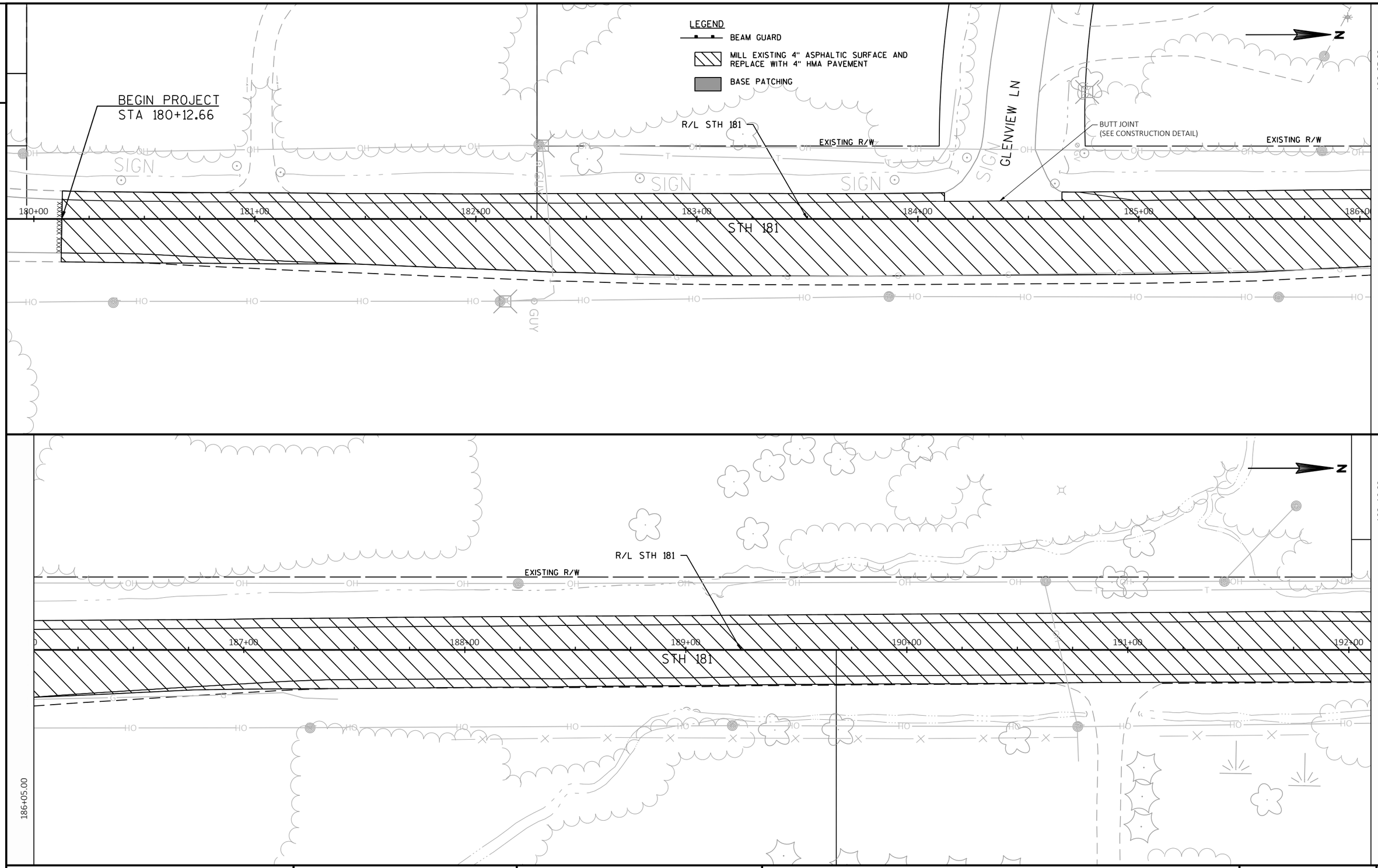


REMOVING ASPHALTIC SURFACE BUTT JOINTS

IN ROADWAY AT INTERSECTIONS AND ABUTTING PAVEMENT



TYPICAL SILT FENCE DETAIL AT PIPE INLET



2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS SOUTH	SHEET E

PRE_12

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (1)
PLOT DATE : 1/3/2020 9:01 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

EXISTING R/W

R/L STH 181

STH 181

193+00 194+00 195+00 196+00 197+00 198+00

192+10.00

198+15.00

BUTT JOINT (SEE CONSTRUCTION DETAIL)

BUTT JOINT (SEE CONSTRUCTION DETAIL)

BUTT JOINT (SEE CONSTRUCTION DETAIL)

SIGN

WELL

OH

HO

N

198+15.00

204+20.00

EXISTING R/W

BUTT JOINT (SEE CONSTRUCTION DETAIL)

PI: 200+00.97

R/L STH 181

STH 181

199+00 200+00 201+00 202+00 203+00 204+00

SIGN

HO

EXISTING R/W

2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS SOUTH	SHEET E

PRE_13

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (2)
PLOT DATE : 1/3/2020 9:01 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

EXISTING R/W

R/L STH 181

MH

205+00 206+00 207+00 208+00 209+00 210+00

STH 181

204+20.00

210+25.00

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

REMOVING SIDEWALK

REPLACE CURB RAMP
SEE DETAILS

REPLACE CURB RAMP
SEE DETAILS

REMOVING SIDEWALK

EXISTING R/W

EXISTING R/W

LINCOLN BLVD

SIGN

POST

INL

MH

HO

GUY

N

EXISTING R/W

POST

R/L STH 181

MH

PI: 210+40.20

PI: 213+46.97

END CONSTRUCTION
STA 213+54.78

211+00 212+00 213+00 214+00 215+00 216+00

STH 181

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

SIGN

FLAG

EXISTING R/W

210+25.00

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS SOUTH	SHEET E

PRE_14

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (3)

PLOT DATE : 1/3/2020 9:01 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

EXISTING R/W

R/L STH 181

PT: 256+59.72

PI: 256+86.96

PI: 258+03.76

PI: 259+10.70

256+00

257+00

258+00

259+00

260+00

261+00

262+00

262+05.00

STH 181

BEGIN CONSTRUCTION
STA 256+60.55

SIGN

GUY

MH

OH

FO

TEL

EXISTING R/W

EXISTING R/W

EXISTING R/W

TOPVIEW TRAIL

POST

SIGN

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

R/L STH 181

263+00

264+00

265+00

266+00

267+00

268+00

268+10.00

STH 181

REPLACE CURB RAMP
SEE DETAILS

SIGN

MH

EXISTING R/W

EXISTING R/W

EXISTING R/W

CHESTNUT ST

A/C

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_15

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (4)

PLOT DATE : 1/3/2020 9:01 AM

PLOT BY : WALTER A. WOLAK II

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

EXISTING R/W

R/L STH 181

STH 181

269+00 270+00 271+00 272+00 273+00 274+00

274+15.00

268+10.00

EXISTING R/W

SHERMAN RD

EXISTING R/W

280+20.00

R/L STH 181

PI: 279+26.30

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

275+00 276+00 277+00 278+00 279+00 280+00

STH 181

STA 280+17.08,
17.14'

EXISTING R/W

274+15.00

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_16

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (5)

PLOT DATE : 1/3/2020 9:01 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

EXISTING R/W

STA 280+39.18,
-18.11'

R/L STH 181

SIGN

281+00 282+00 283+00 284+00 285+00 286+00

STH 181

OH E T E

SIGN

EXISTING R/W

280+20.00

286+25.00

2

N

EXISTING R/W

R/L STH 181

STA 290+17.42,
-16.77'

287+00 288+00 289+00 290+00 291+00 292+00

STH 181

SIGN

SIGN

STA 288+45.29,
18.40'

292+30.00

286+25.00

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_17

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (6)

PLOT DATE : 1/3/2020 9:02 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

292+30.00

298+35.00

R/L STH 181

293+00 294+00 295+00 296+00 297+00 298+00

STH 181

SIGN

POST

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

EXISTING R/W

POST

SEPTIC

SLAB

298+35.00

304+40.00

R/L STH 181

299+00 300+00 301+00 302+00 303+00 304+00

STH 181

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

EXISTING R/W

EXISTING R/W

EXISTING R/W

INL MH

MH

MH

SIGN

CHATHAM ST

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_18

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (7)

PLOT DATE : 1/3/2020 9:02 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

304+40.00

310+45.00

316+50.00

PI: 305+70.83

EXISTING R/W

R/L STH 181

STH 181

305+00 306+00 307+00 308+00 309+00 310+00

311+00 312+00 313+00 314+00 315+00 316+00

BUTT JOINT
(SEE CONSTRUCTION DETAIL)

SIGN

SLAB

RIPRAP

POST

FLAG

SEPC

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_19

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - PD - (8)

PLOT DATE : 1/3/2020 9:02 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

BEAM GUARD

MILL EXISTING 4" ASPHALTIC SURFACE AND REPLACE WITH 4" HMA PAVEMENT

BASE PATCHING

N

EXISTING R/W

BUTT JOINT (SEE CONSTRUCTION DETAIL)

R/L STH 181

PC: 318+17.79

EXISTING CULVERT TO BE REPLACED

316+50.00

317+00

318+00

319+00

320+00

321+00

322+00

322+55.00

PT: 321+24.89

STH 181

WASHINGTON AVE

323+00

324+00

325+00

326+00

327+00

328+00

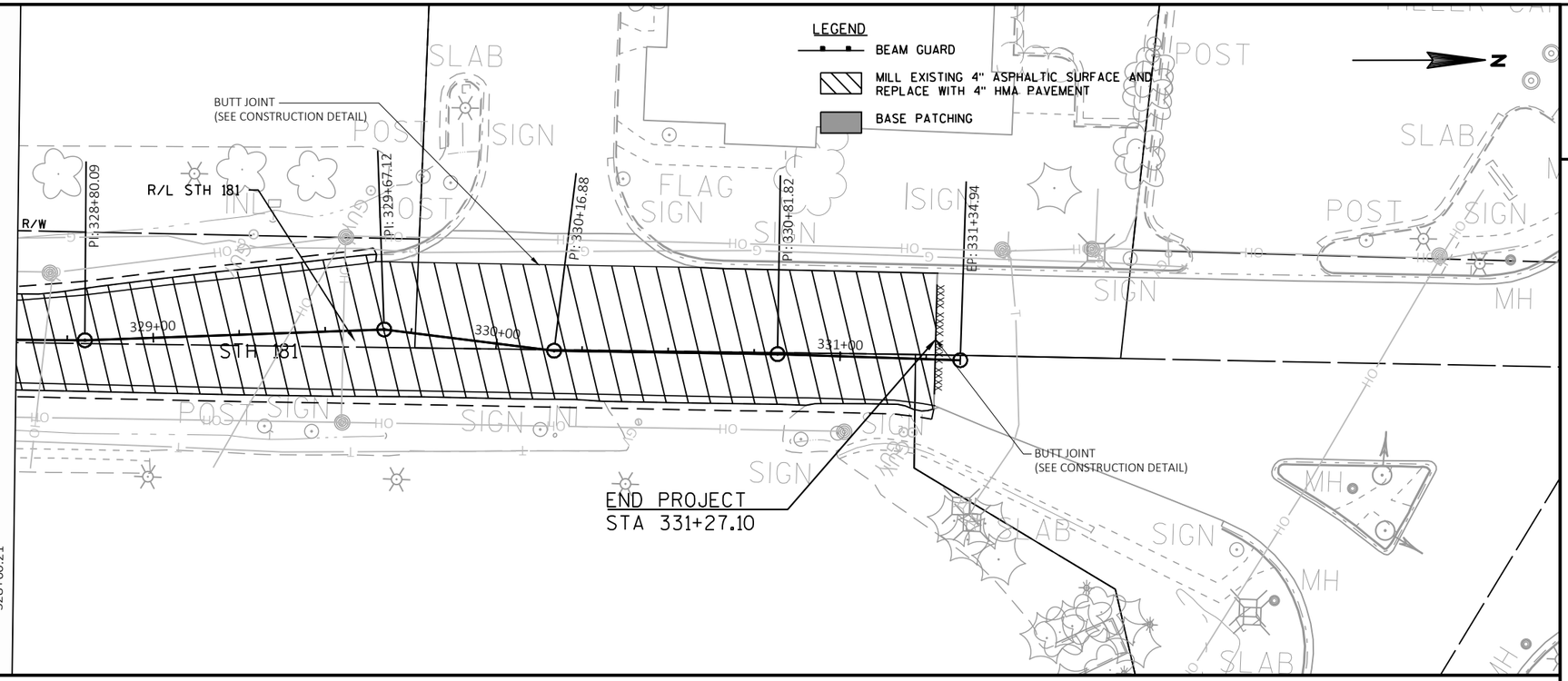
328+60.21

PI: 328+00

PI: 327+40.32

PI: 325+15.76

EXISTING R/W

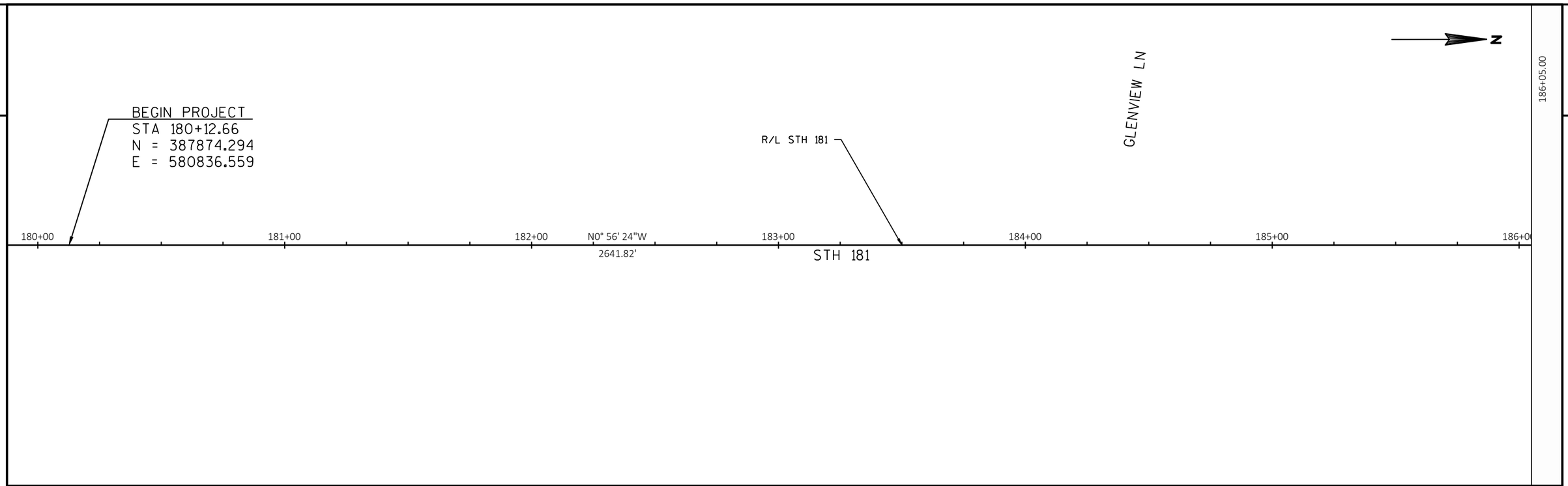


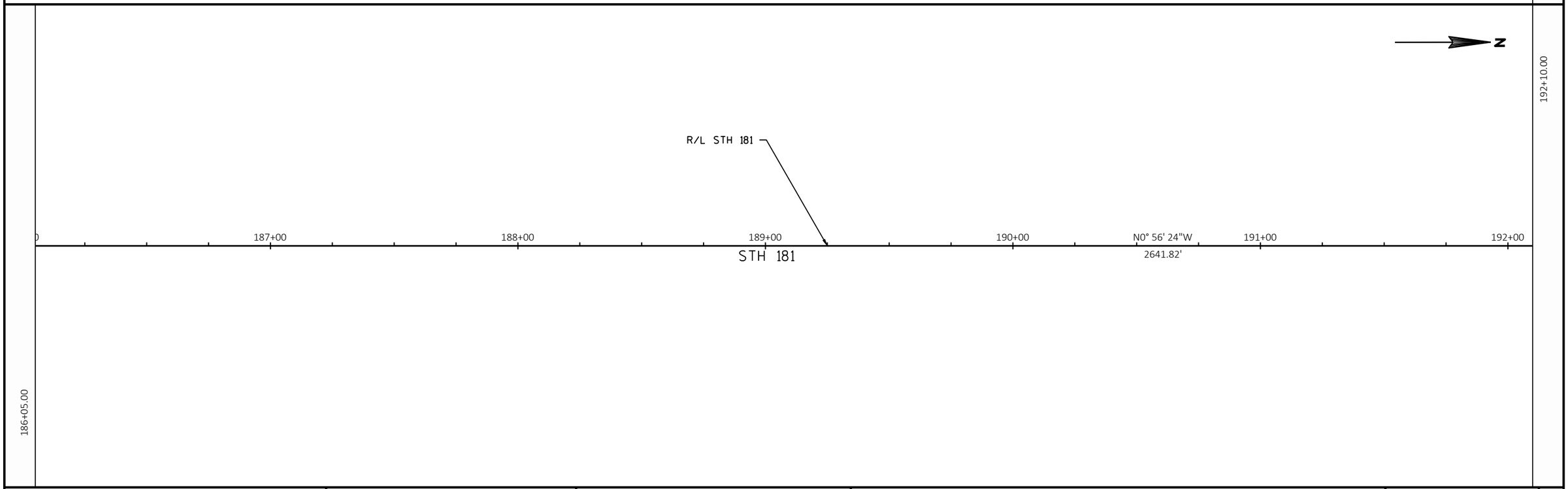
2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	PLAN DETAILS NORTH	SHEET E

PRE_21

2





PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

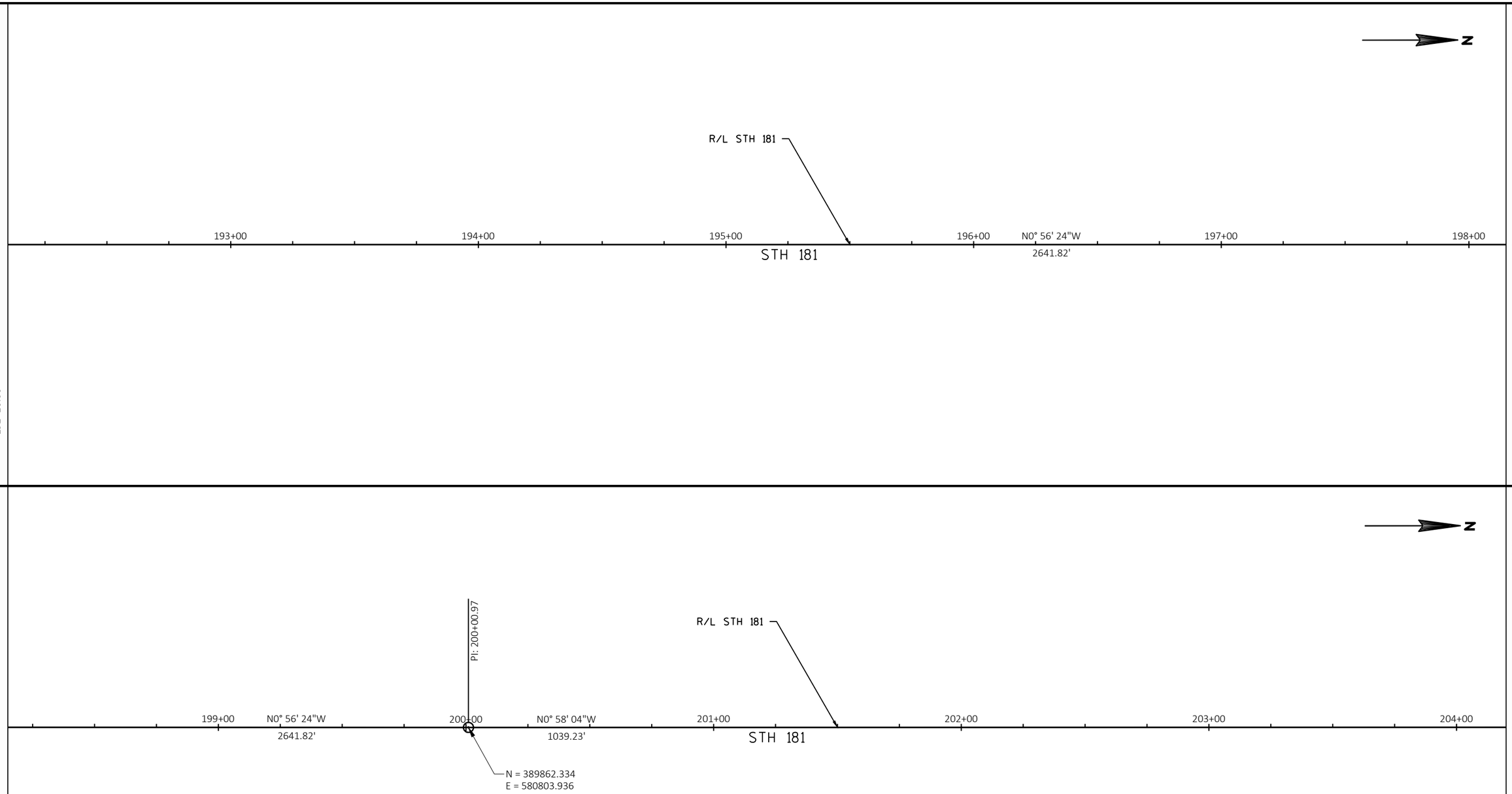
PRE_22

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (1)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD- (2)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_23

2

N

210+25.00

R/L STH 181

205+00 | 206+00 | N0° 58' 04"W 1039.23' | 207+00 | 208+00 | 209+00 | 210+00

STH 181

LINCOLN BLVD

204+20.00

2

N

PI: 210+40.20

R/L STH 181

211+00 | 212+00 | N1° 12' 27"W 306.77' | 213+00 | 214+00 | N1° 29' 03"W 989.26' | 215+00 | 216+00

STH 181

N = 390901.414
E = 580786.384

PI: 213+46.97

END CONSTRUCTION
STA 213+54.78
N = 391215.926
E = 580779.717

N = 391208.119
E = 580779.919

210+25.00

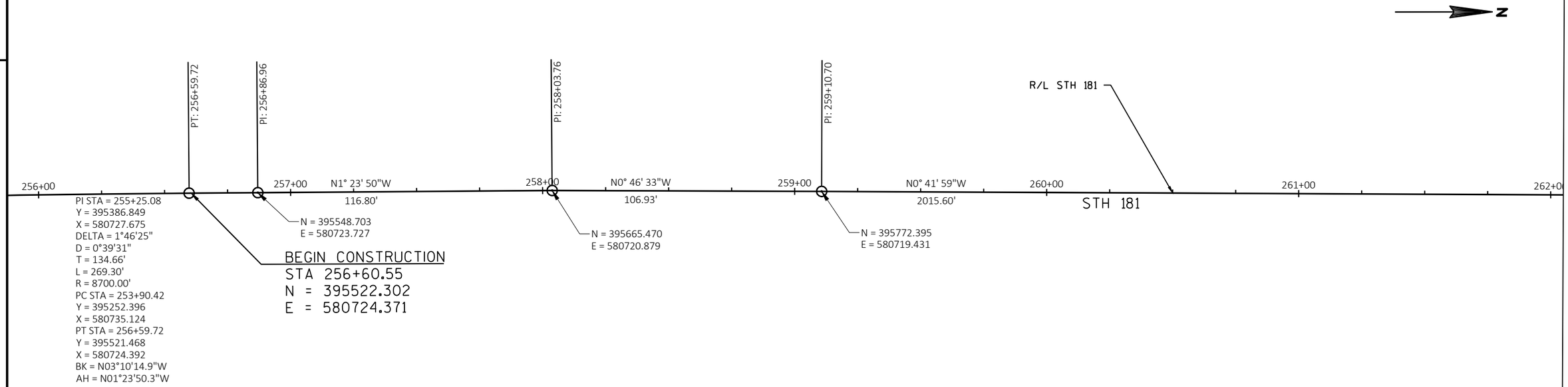
PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

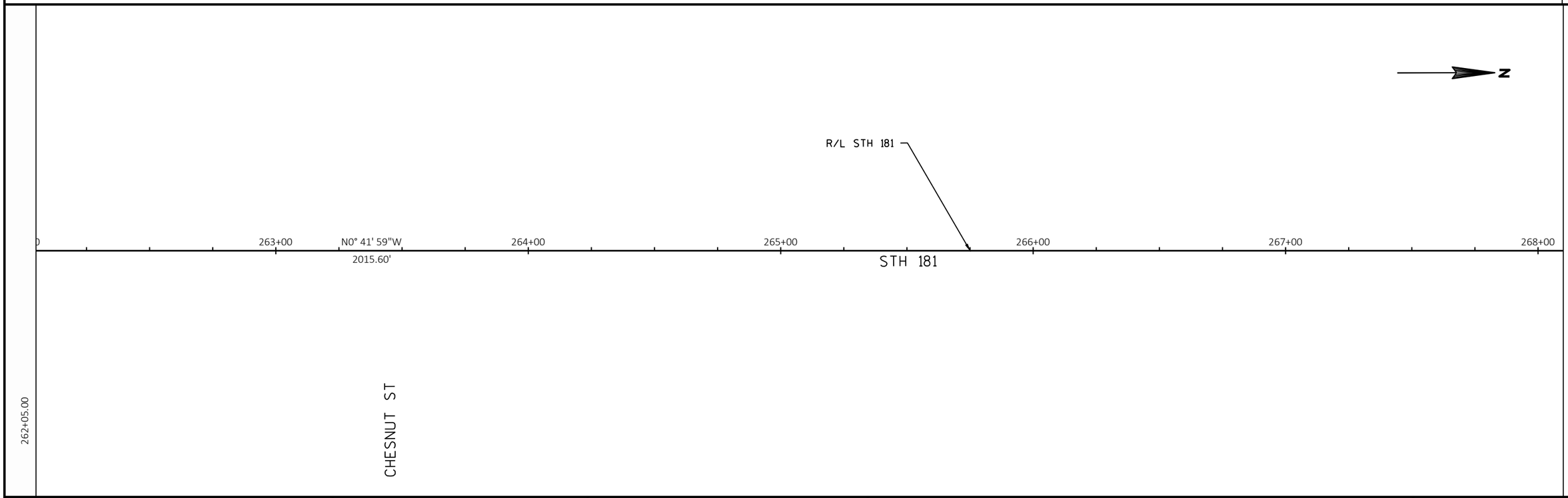
PRE_24

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (3)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (4)
PLOT DATE : 1/3/2020 8:16 AM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

268+10.00

274+15.00

R/L STH 181

269+00 270+00 N0° 41' 59"W 271+00 272+00 273+00 274+00

2015.60'

STH 181

SHERMAN RD

PI: 279+26.30

R/L STH 181

275+00 N0° 41' 59"W 276+00 277+00 278+00 279+00 N1° 09' 34"W 280+00

2015.60' 2644.53'

STH 181

N = 397787.846
E = 580694.821

274+15.00

280+20.00

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

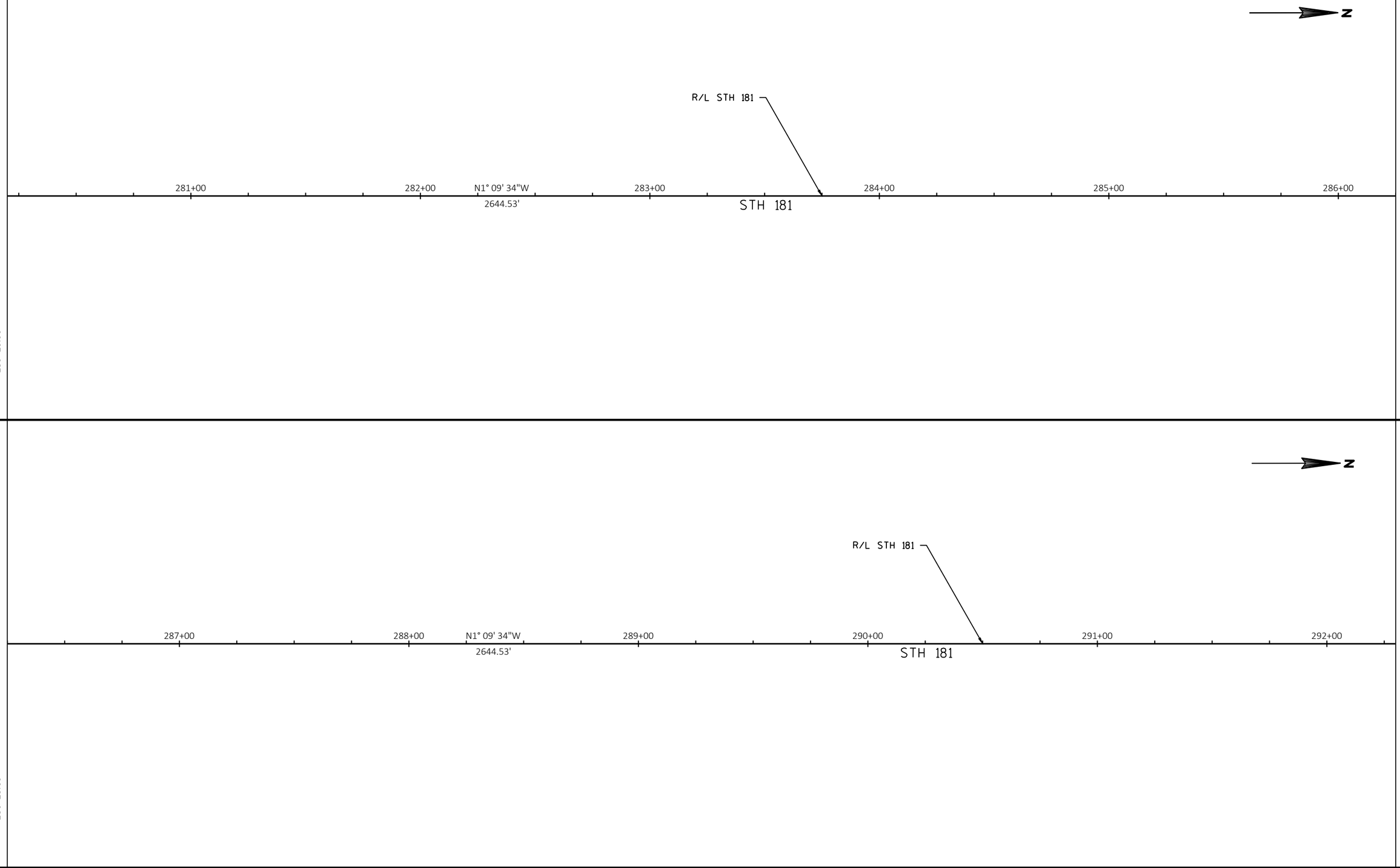
PRE_26

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (5)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



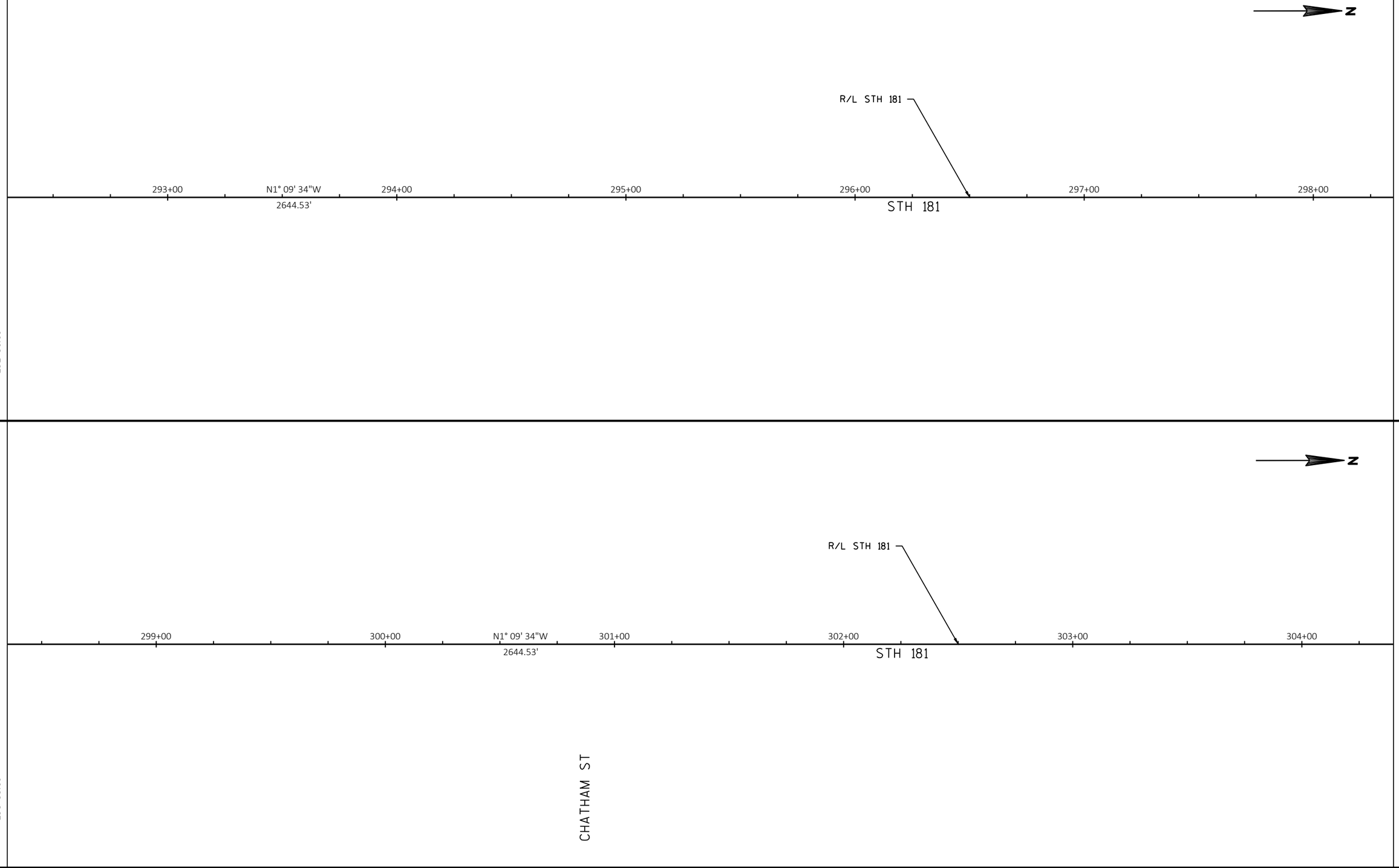
PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

PRE_27

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (6)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

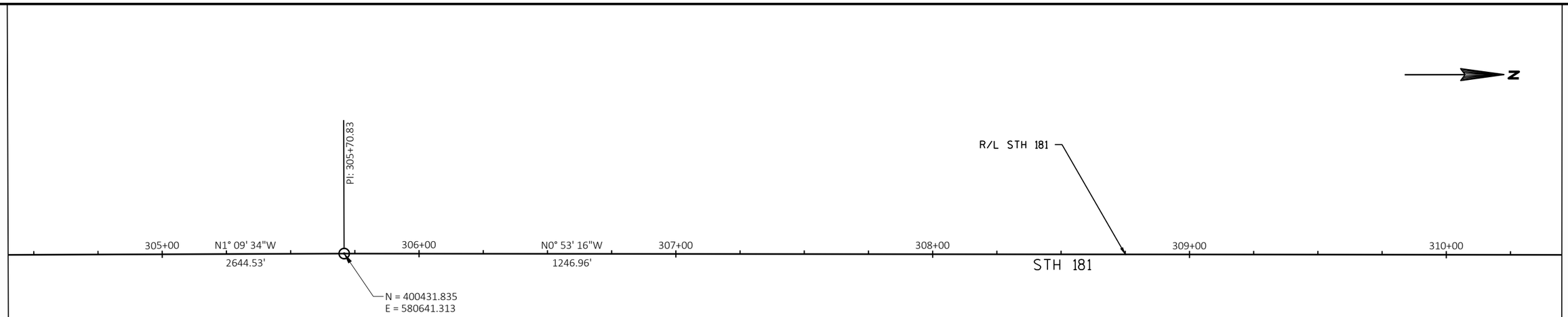
FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (7)

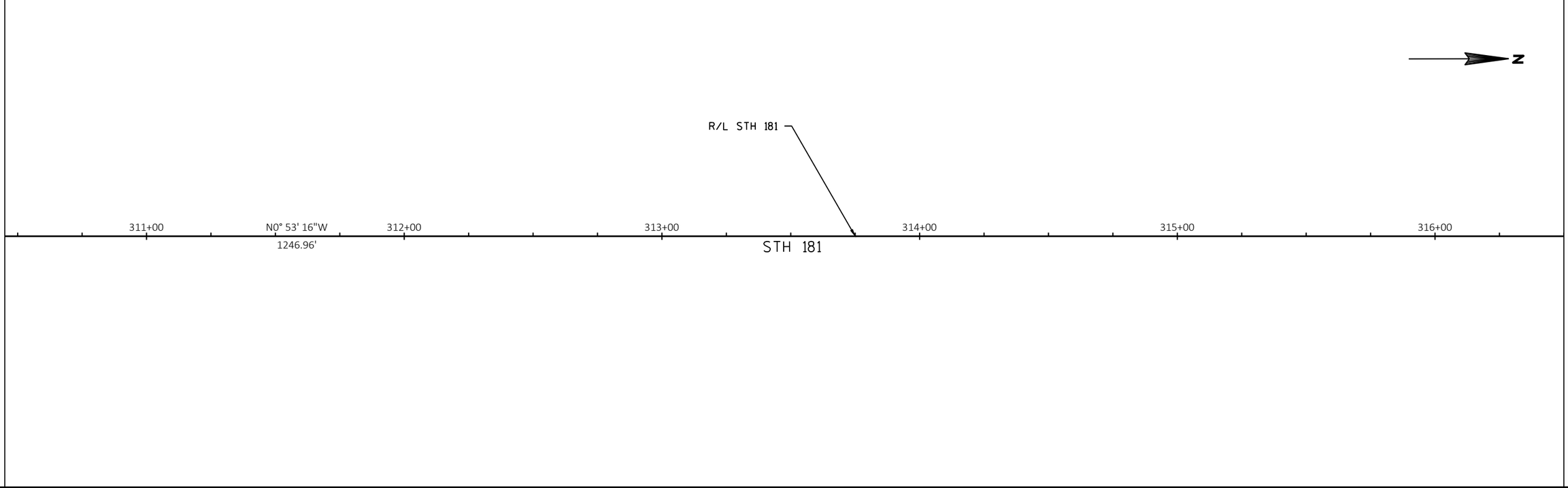
PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_28

WISDOT/CADDS SHEET 44

2





2

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

PRE_29

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (8)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

R/L STH 181

PC: 318+17.79

PT: 321+24.89

316+50.00

322+55.00

317+00

318+00

319+00

320+00

321+00

322+00

STH 181

N5° 15' 16"E

390.37'

PI STA = 319+71.49
Y = 401832.324
X = 580619.613
DELTA = 6°08'31"
D = 2°00'00"
T = 153.70'
L = 307.10'
R = 2864.79'
PC STA = 318+17.79
Y = 401678.645
X = 580621.994
PT STA = 321+24.89
Y = 401985.376
X = 580633.688
BK = N00°53'15.8"W
AH = N05°15'15.5"E

322+55.00

323+00

324+00

325+00

326+00

327+00

328+00

328+60.21

STH 181

N5° 15' 16"E

390.37'

PI: 325+15.26

N30° 32' 41"W

225.06'

R/L STH 181

PI: 327+40.32

N30° 32' 41"W

225.06'

N = 402374.107
E = 580669.437

N = 402567.939
E = 580555.057

N = 402625.183
E = 580521.220

WASHINGTON AVE

PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

PRE_30

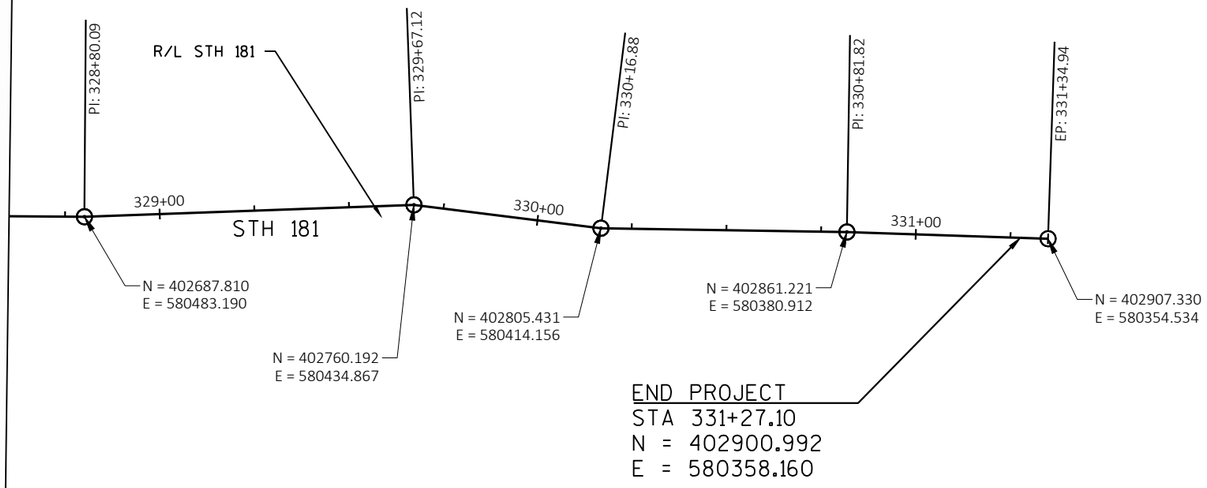
FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (9)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

N



PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUKEE	ALIGNMENT DIAGRAM	SHEET E

PRE_31

FILE NAME : S:\DOT\DOT_SE\190384 WAUWATOSA RD\27290500\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - AD - (10)

PLOT DATE : 1/3/2020 8:16 AM PLOT BY : WALTER A. WOLAK II PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

Notes

- Acrobat 5 or higher is required to Insert Preliminary Sheet Numbers.
- The Bureau of Highway Construction Plan Examiner places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (Preliminary_Sheet_Numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove