

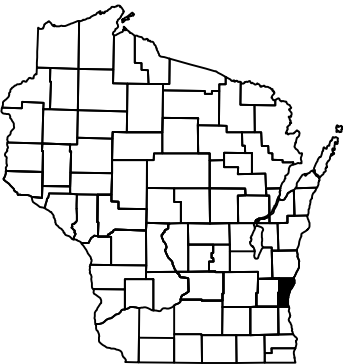
PROJECT ID: 2729-05-70
WITH: N/A

COUNTY: OZAUKEE

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 =



DESIGN DESIGNATION	CTH C TO CTH T	CTH T TO BRIDGE ST	BRIDGE ST TO WASHINGTON AVE	WASHINGTON AVE TO STH 60
A.A.D.T. 2021	= 7060-8830	7360	5610	9640
A.A.D.T. 2044	= 7300-8830	7360	6210	9640
D.H.V.	= 927-1121	935	789	1224
D.D.	= 58/42	58/42	58/42	58/42
T.	= 4.7%	4.7%	4.7%	4.7%
DESIGN SPEED	= 50 MPH	40 MPH	50 MPH	50 MPH
ESALS	= 1,066,625-1,311,741	1,093,365	877,960	1,432,070

CONVENTIONAL SYMBOLS

PLAN	PROFILE
CORPORATE LIMITS	GRADE LINE
PROPERTY LINE	ORIGINAL GROUND
LOT LINE	MARSH OR ROCK PROFILE (To be noted as such)
LIMITED HIGHWAY EASEMENT	SPECIAL DITCH
EXISTING RIGHT OF WAY	GRADE ELEVATION
PROPOSED OR NEW R/W LINE	CULVERT (Profile View)
SLOPE INTERCEPT	UTILITIES
REFERENCE LINE	ELECTRIC
EXISTING CULVERT	FIBER OPTIC
PROPOSED CULVERT (Box or Pipe)	GAS
COMBUSTIBLE FLUIDS	SANITARY SEWER
	STORM SEWER
	TELEPHONE
	WATER
	UTILITY PEDESTAL
MARSH AREA	POWER POLE
	TELEPHONE POLE
WOODED OR SHRUB AREA	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

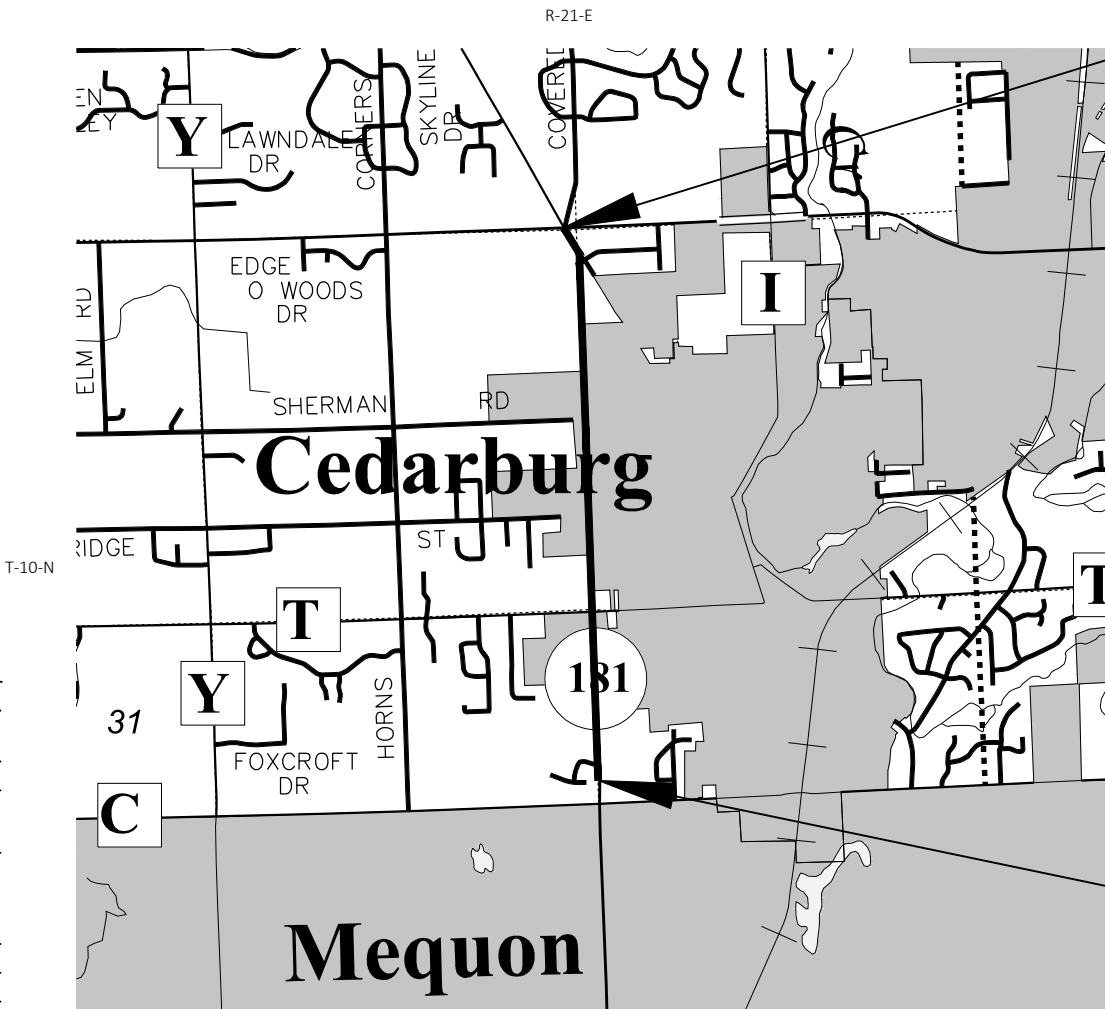
WAUWATOSA ROAD, CITY OF CEDARBURG

CTH C TO STH 60

STH 181

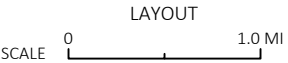
OZAUKEE COUNTY

STATE PROJECT NUMBER
2729-05-70



END PROJECT
STA 331+27.10

BEGIN PROJECT 2729-05-70
STA 180+12.66
X=580836.559
Y=387874.294



TOTAL NET LENGTH OF CENTERLINE = 2.863 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

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

60% PLAN
FOR REVIEW ONLY
FEBUARY 12, 2020

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)

E

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.

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.

HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYERS :

<u>4-INCH HMA PAVEMENT</u>	<u>2.5-INCH HMA PAVEMENT</u>
1.75" UPPER LAYER 4 LT 58-28 S	2.5" UPPER LAYER 4 LT 58-28 S
2.25" LOWER LAYER 3 LT 58-28 S	

STANDARD ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCHMARK
BTWN	BETWEEN
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CMCP	CULVERT PIPE CORRUGATED METAL
CONC	CONCRETE
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RRSP	RAILROAD SPIKE
RT	RIGHT
SALV	SALVAGED
SAPBC	SALVAGED ASPHALTIC PAVEMENT BASE COURSE
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPERELEVATION
SF	SQUARE FOOT
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT

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

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

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

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

OTHER CONTACTS

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

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

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

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

WISCONSIN DEPT. OF NATURAL RESOURCES
KRISTINA BETZOLD
2300 N DR MARTIN LUTHER KING JR DR
MILWAUKEE, WI 53212
PHONE: (414) 507-4946
EMAIL: KRISTINA.BETZOLD@WISCONSIN.GOV

WISDOT - PROJECT MANAGER
BRIAN PLUEMER
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262)-548-6721
EMAIL: BRIAN.PLUEMER@DOT.WI.GOV

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES/UTILITY CONTACTS
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLAN
- PLAN DETAILS
- CURB RAMP DETAILS
- EROSION CONTROL PLAN
- CULVERT PIPES PLAN
- PAVEMENT MARKING
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT PLAN

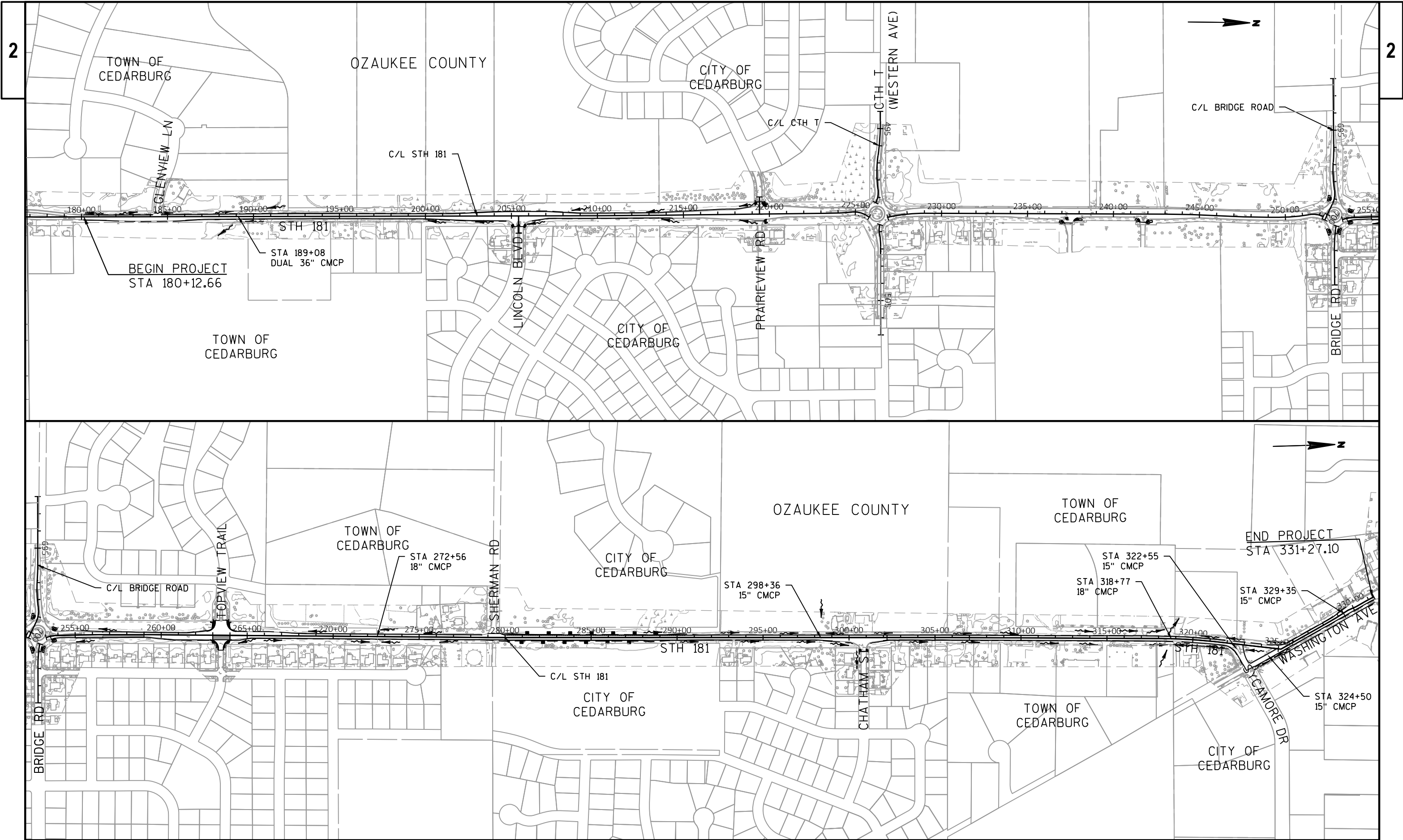
DIGGERS

HOTLINE

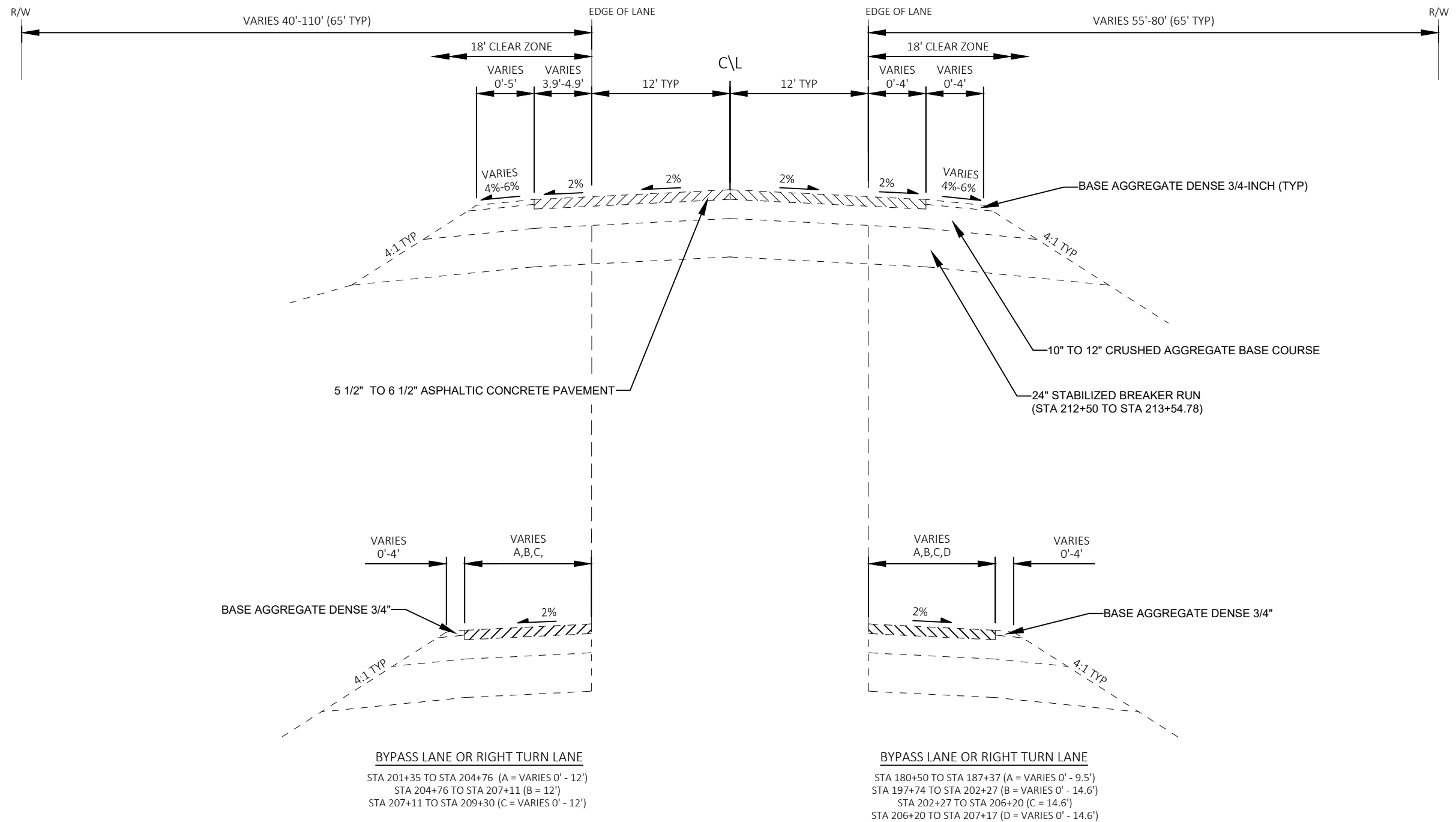
Dial 811

or (800)242-8511

www.DiggersHotline.com



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



EXISTING TYPICAL SECTION - STH 181
STA 180+12.66 TO STA 213+54.78

NOTE:

- 1) CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY) AS SHOWN ON ALIGNMENT DIAGRAM.

PROJECT NO: 2729-05-70

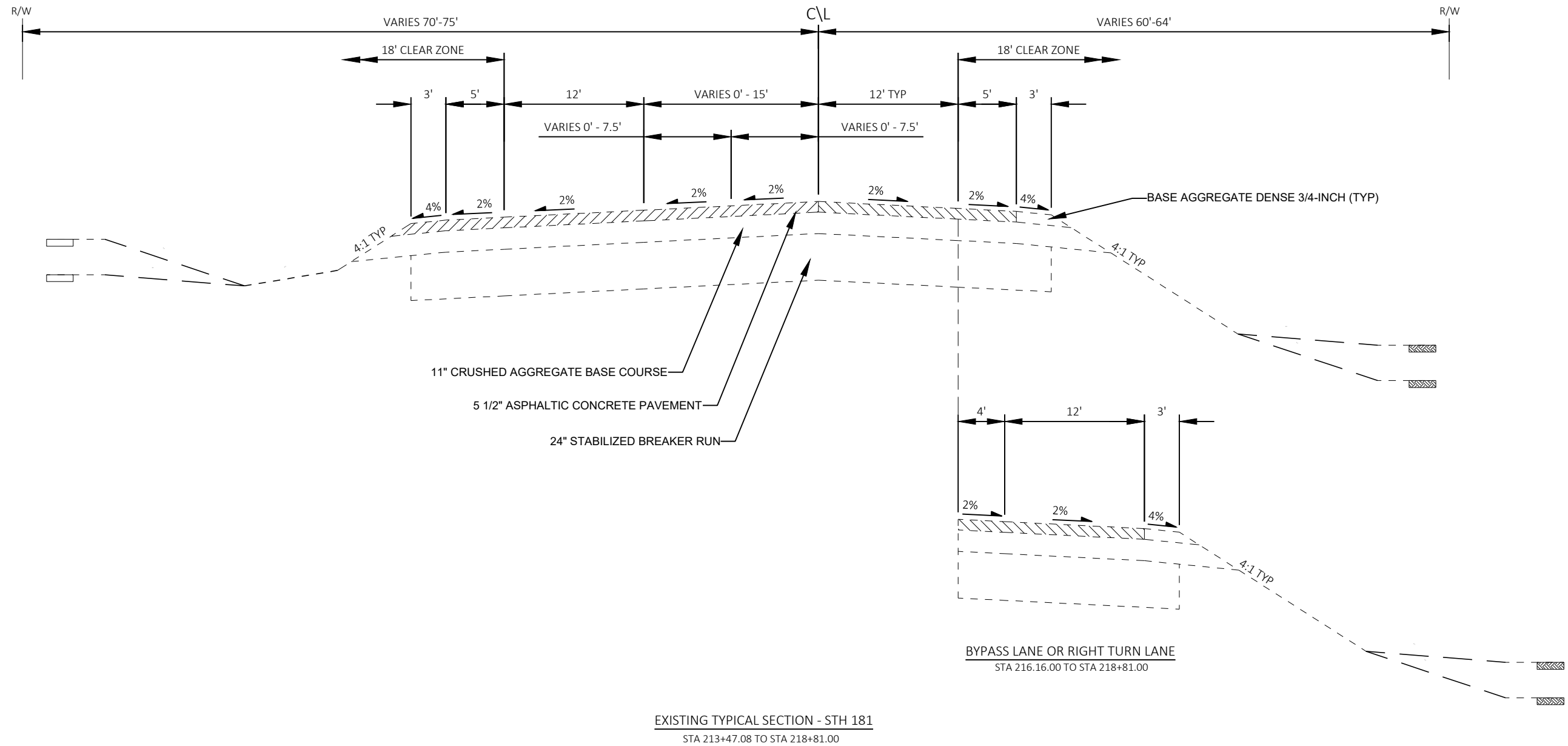
HWY: STH 181

COUNTY: OZAUKEE

EXISTING TYPICAL SECTION

SHEET

E

**NOTE:**

- 1) CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY) AS SHOWN ON ALIGNMENT DIAGRAM.

PROJECT NO: 2729-05-70

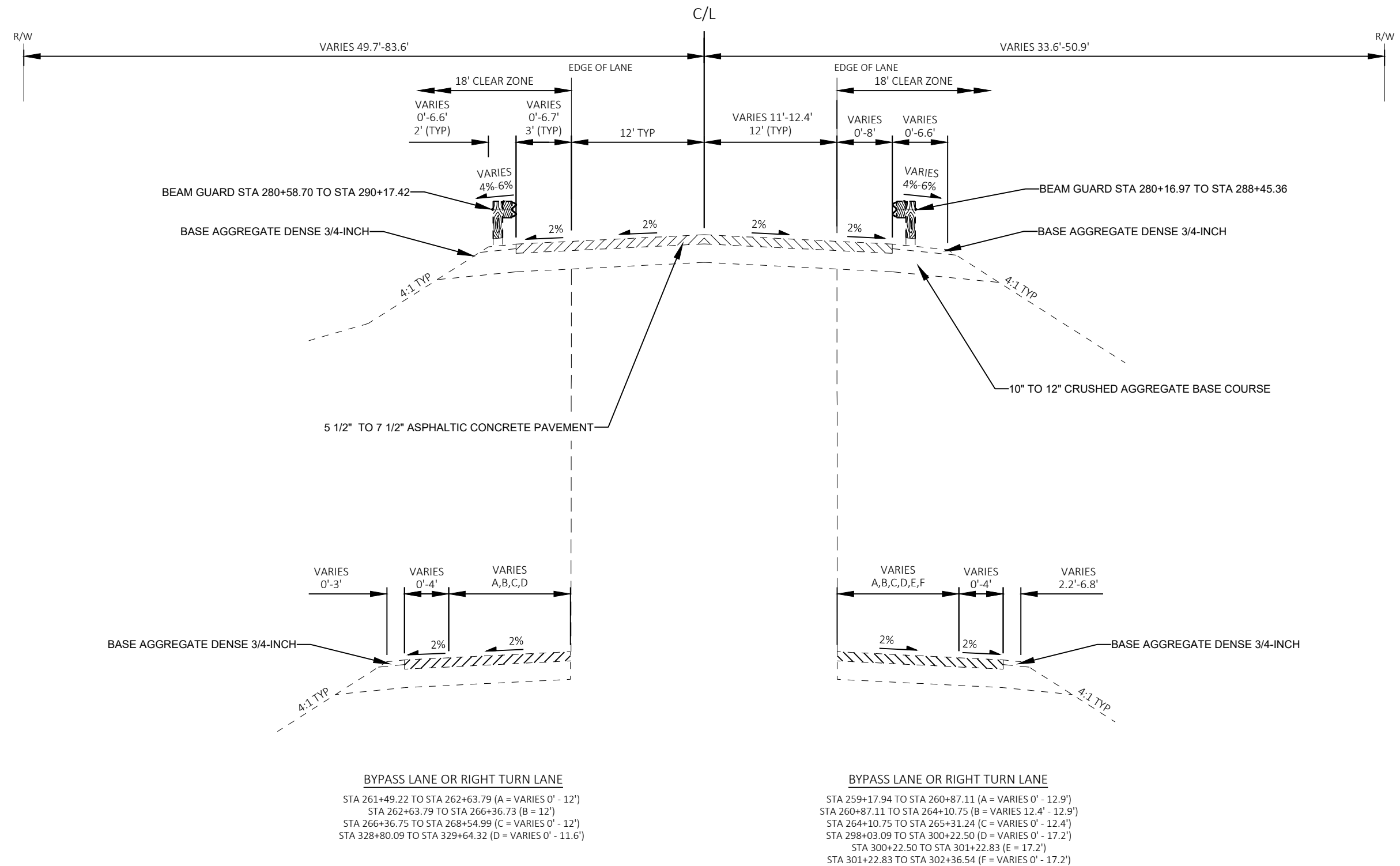
HWY: STH 181

COUNTY: OZAUKEE

EXISTING TYPICAL SECTION

SHEET

E



EXISTING TYPICAL SECTION - STH 181

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

NOTE:

- 1) CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY) AS SHOWN ON ALIGNMENT DIAGRAM.

PROJECT NO: 2729-05-70

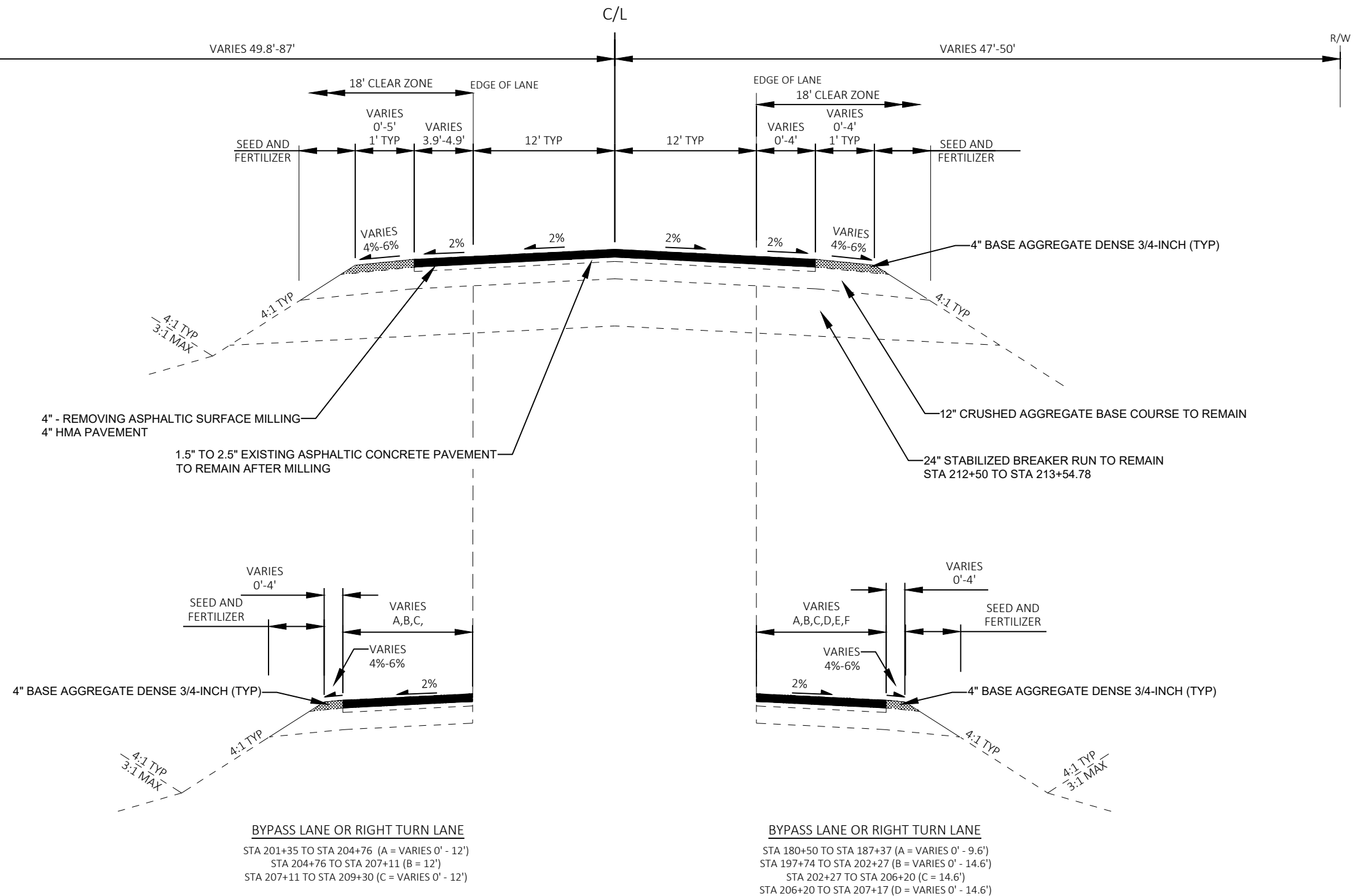
HWY: STH 181

COUNTY: OZAUKEE

EXISTING TYPICAL SECTION

SHEET

E



FINISHED TYPICAL SECTION - STH 181
STA 180+12.66 TO STA 213+54.78

NOTE:

- 1) CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY) AS SHOWN ON ALIGNMENT DIAGRAM.

PROJECT NO: 2729-05-70

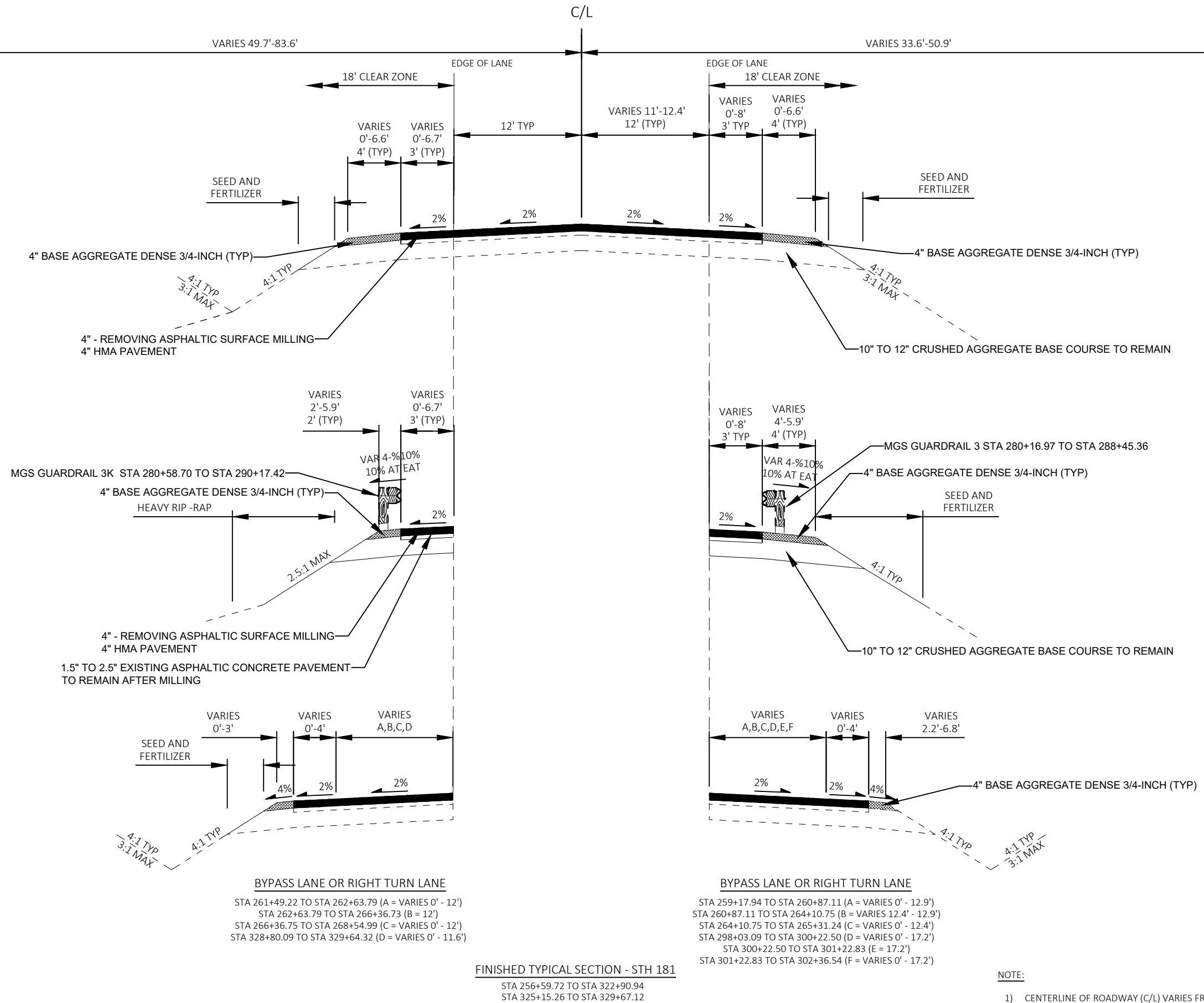
HWY: STH 181

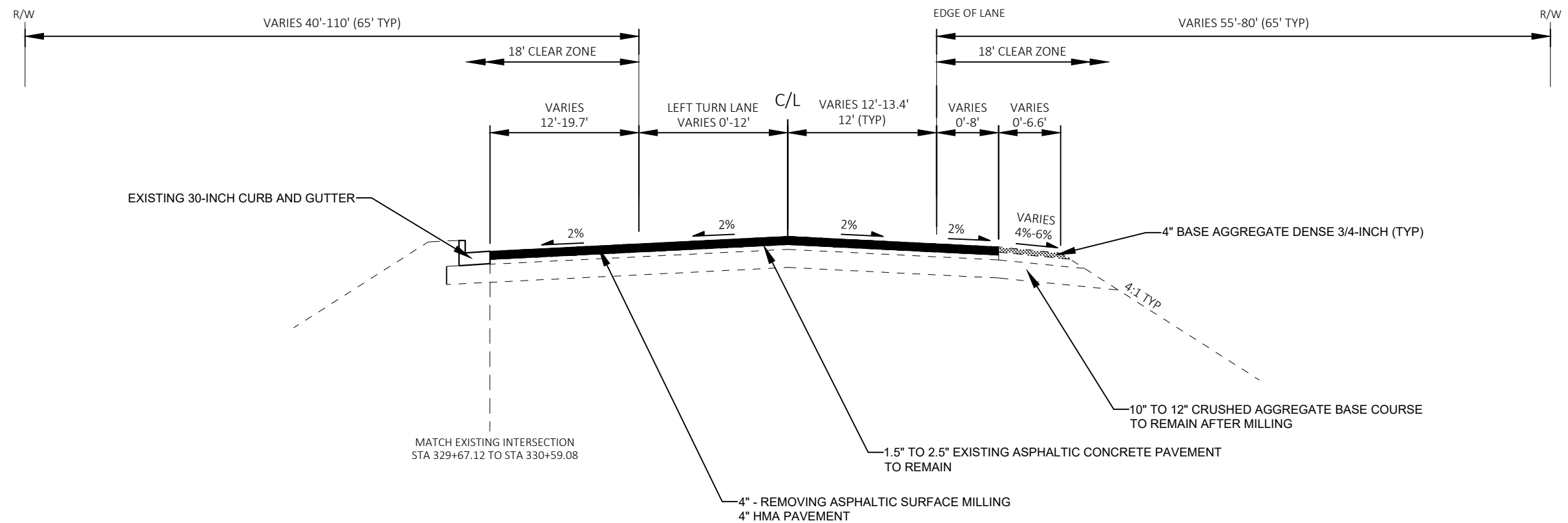
COUNTY: OZAUKEE

FINISHED TYPICAL SECTION

SHEET

E





FINISHED TYPICAL SECTION - STH 181
STA 329+67.12 TO STA 331+27.64

NOTE:

- 1) CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY) AS SHOWN ON ALIGNMENT DIAGRAM.

PROJECT NO: 2729-05-70

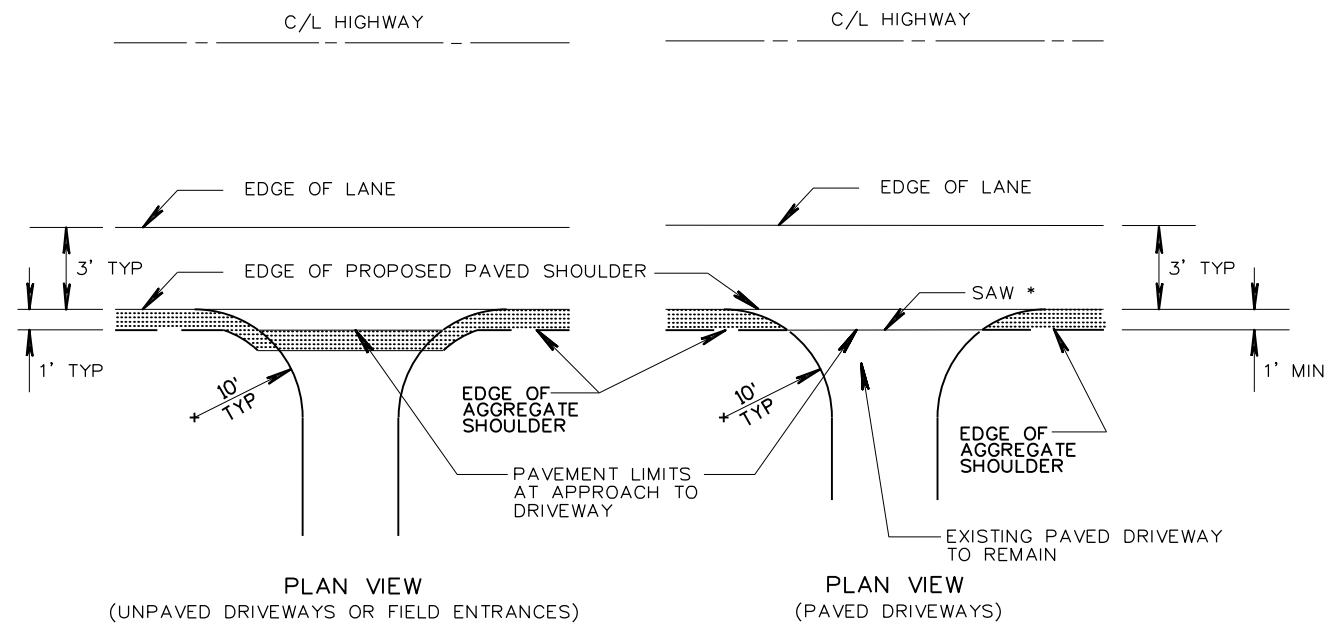
HWY: STH 181

COUNTY: OZAUKEE

FINISHED TYPICAL SECTION

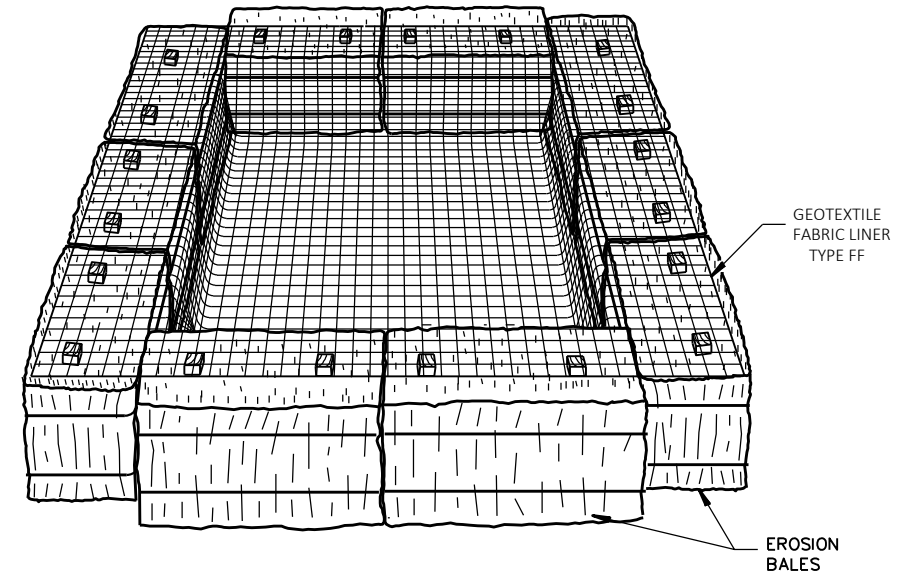
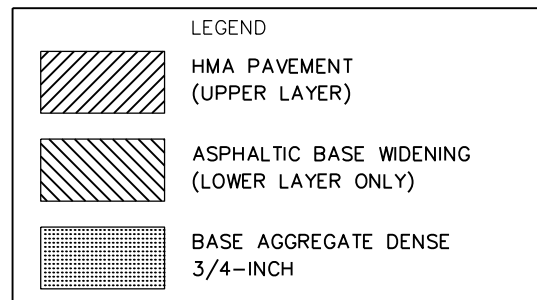
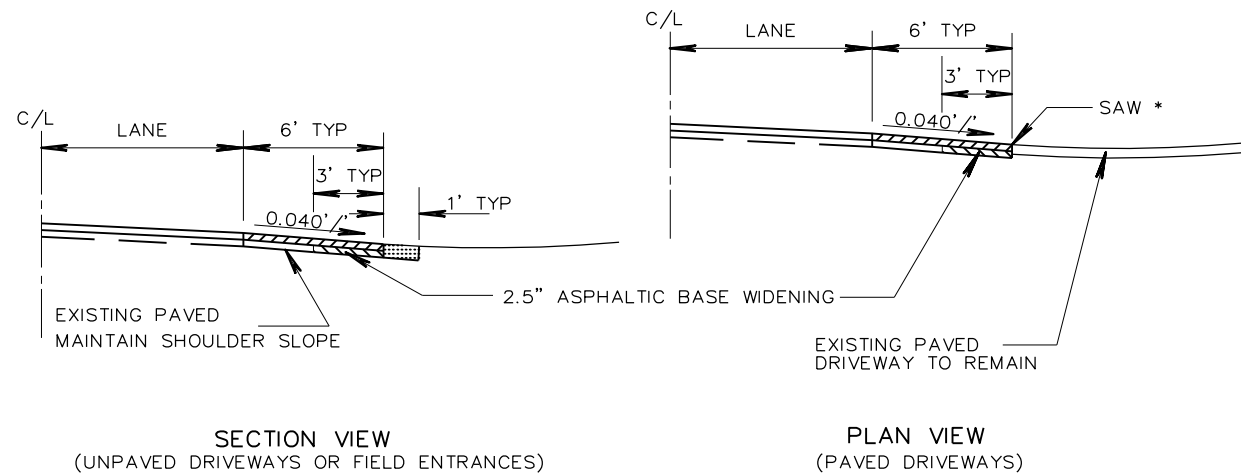
SHEET

E



RURAL DRIVEWAY INTERSECTION DETAIL

*WHERE DRIVEWAY IS PAVED, SAWING ASPHALT IS REQUIRED.



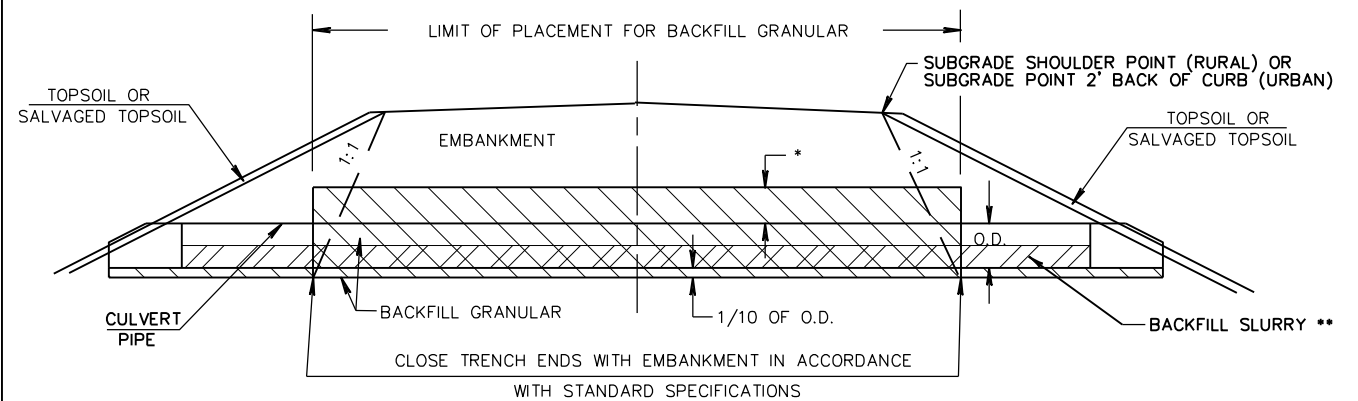
TEMPORARY SETTLING BASIN

(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.

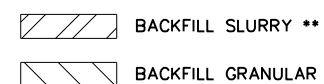
SOLUTION:
SV (C.F.) = 16 X 50
SV = 800 C.F.
 $\frac{800 \text{ C.F.}}{1.5 \text{ FT.}} = 533 \text{ S.F.}$
USE A 20 FT. X 27 FT. BASIN



CULVERT BACKFILL DETAIL

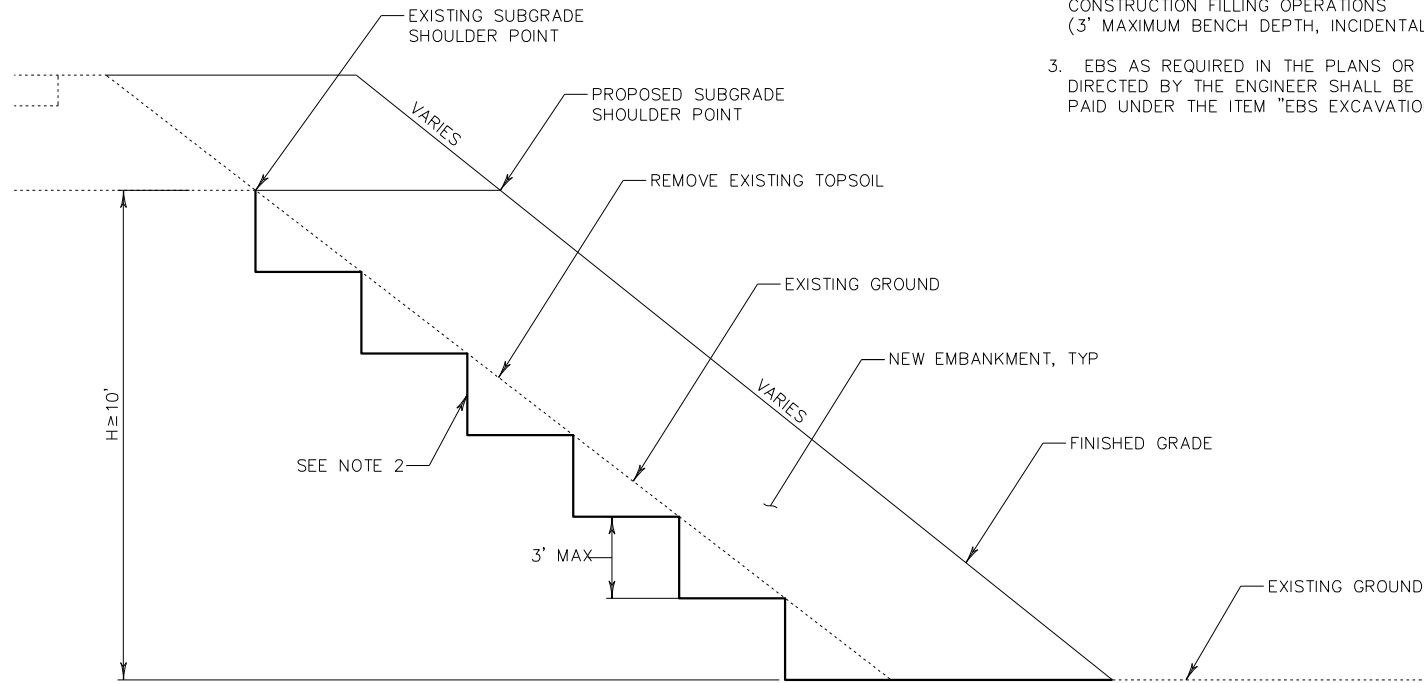
SEE PLAN DETAIL FOR CROSS CULVERT LOCATIONS

LEGEND:



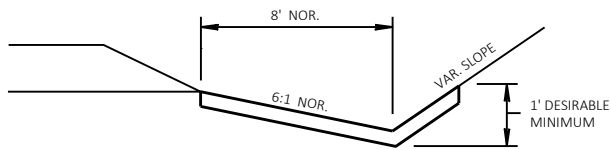
OD = OUTSIDE DIAMETER
* CULVERT PIPE IN NEW EMBANKMENT = 1' MIN
* CULVERT PIPE IN EXISTING EMBANKMENT = TO EXISTING GROUND ELEVATION

** NOTE: BACKFILL SLURRY IS REQUIRED AT THE FOLLOWING LOCATIONS:



STEPPED EMBANKMENT

- NOTES
1. EMBANKMENT PLACED IN LAYERS AND COMPACTED PER SPECIFICATIONS.
 2. BENCH AS REQUIRED TO FACILITATE CONSTRUCTION FILLING OPERATIONS (3' MAXIMUM BENCH DEPTH, INCIDENTAL).
 3. EBS AS REQUIRED IN THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE PAID UNDER THE ITEM "EBS EXCAVATION".

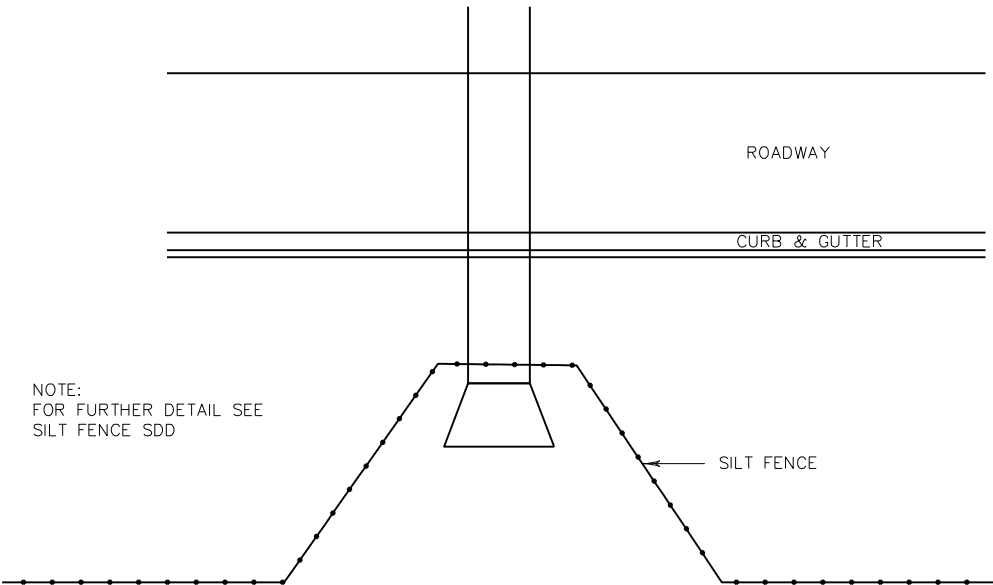


SOD OR EROSION MAT DETAIL FOR DITCHES
SEE EROSION CONTROL PLAN FOR LOCATIONS

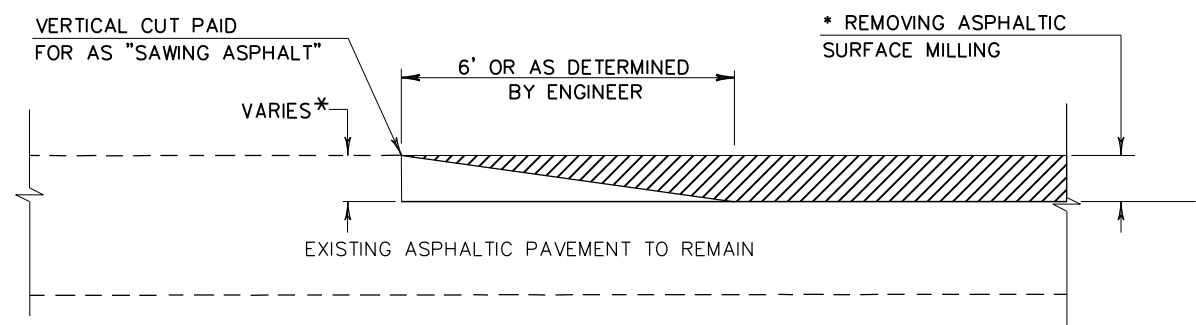
RUNOFF COEFFICIENT TABLE

	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											

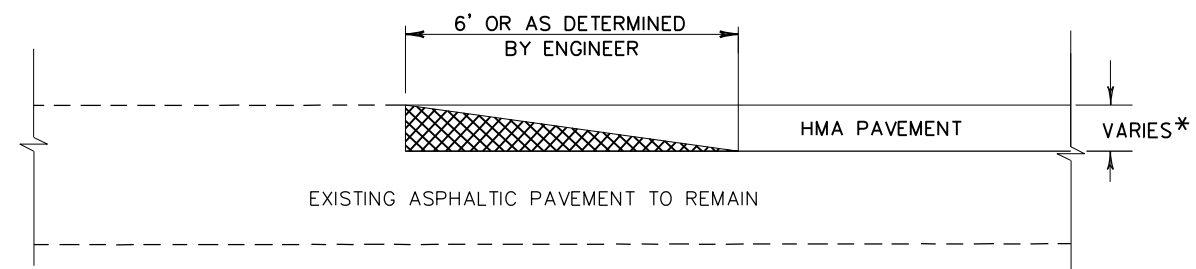
TOTAL PROJECT AREA = 30 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 8.41 ACRES



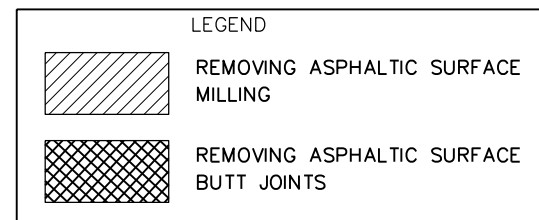
TYPICAL SILT FENCE DETAIL AT PIPE INLET



STEP 1



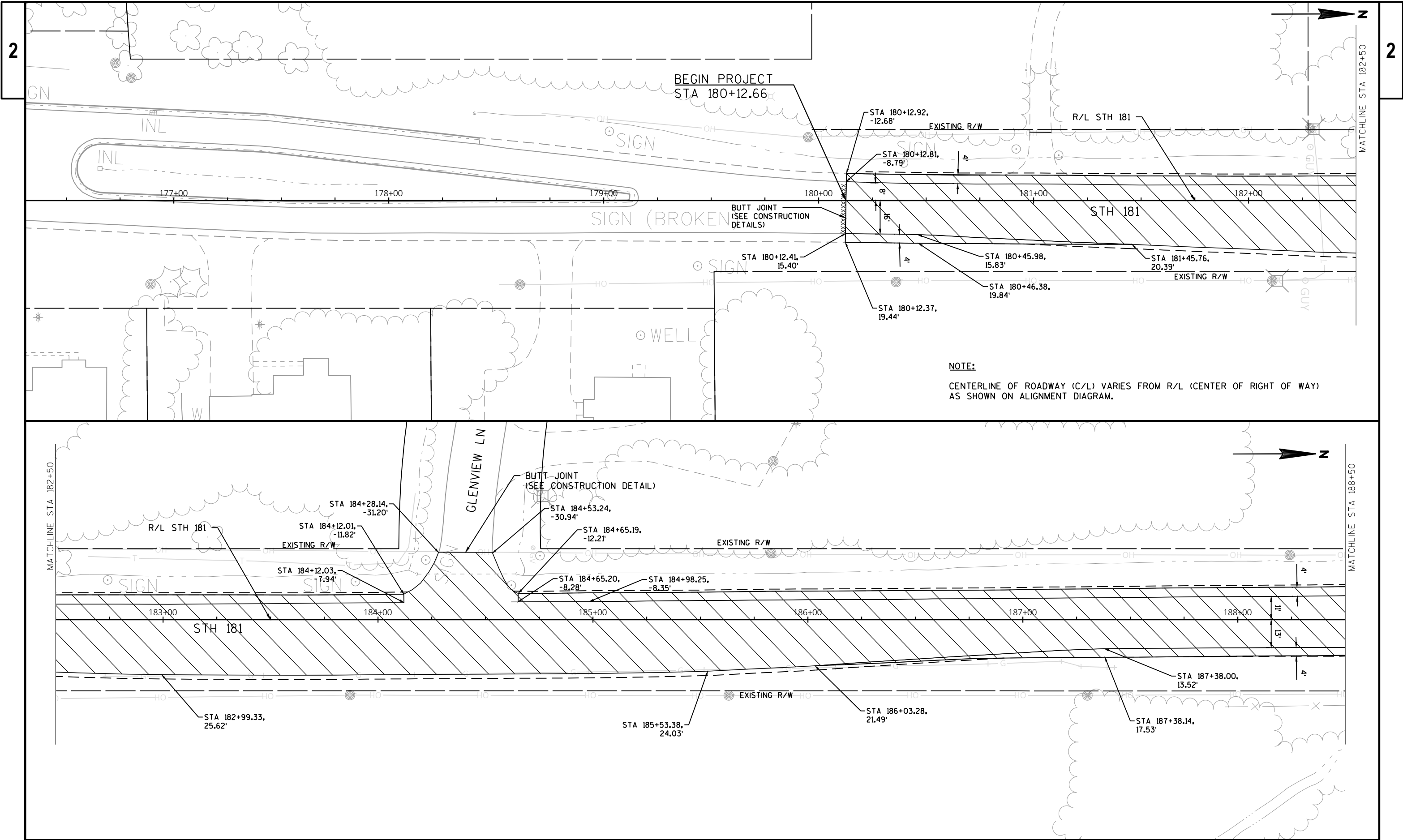
STEP 2

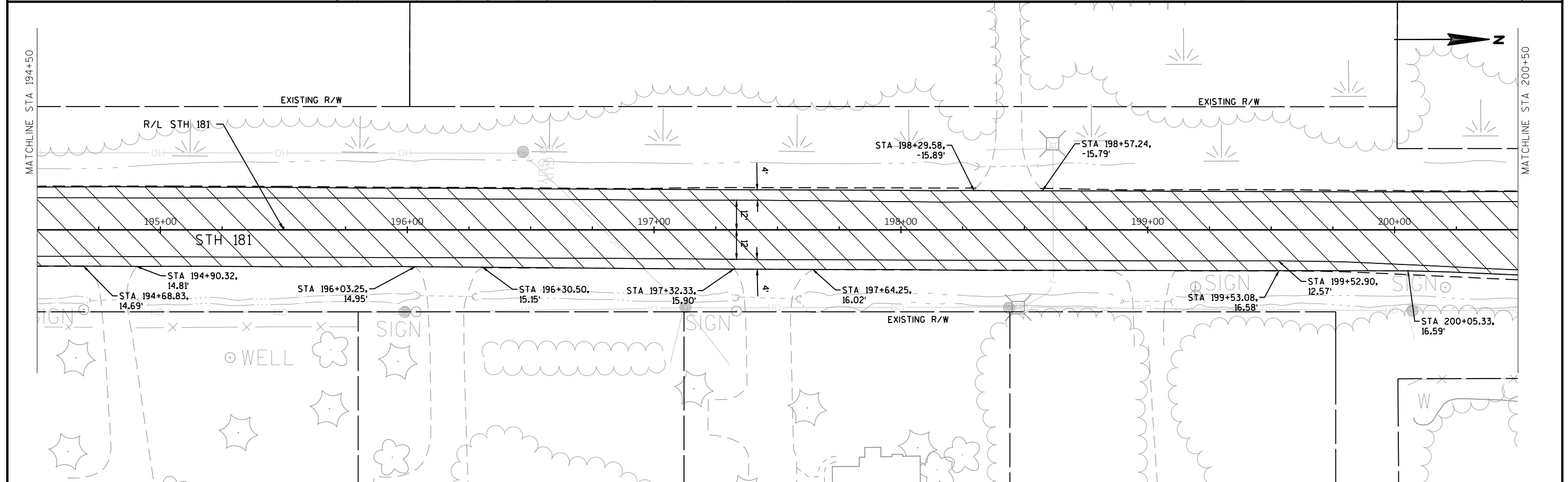
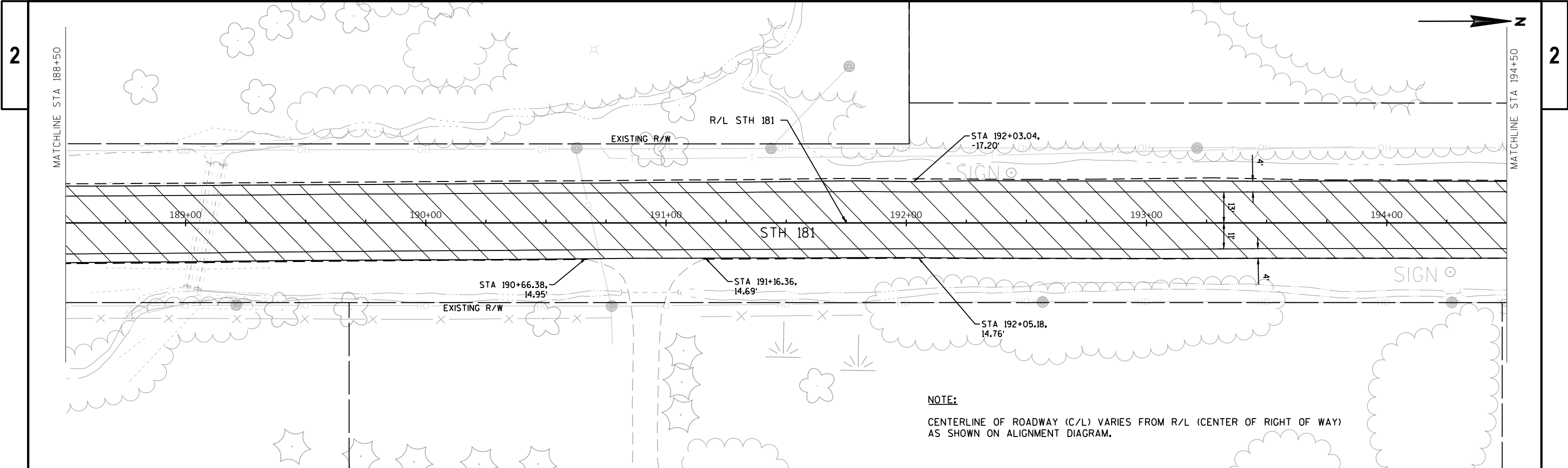
MILLING DETAIL – SIDEROADSNOTE: *DEPTH VARIES:

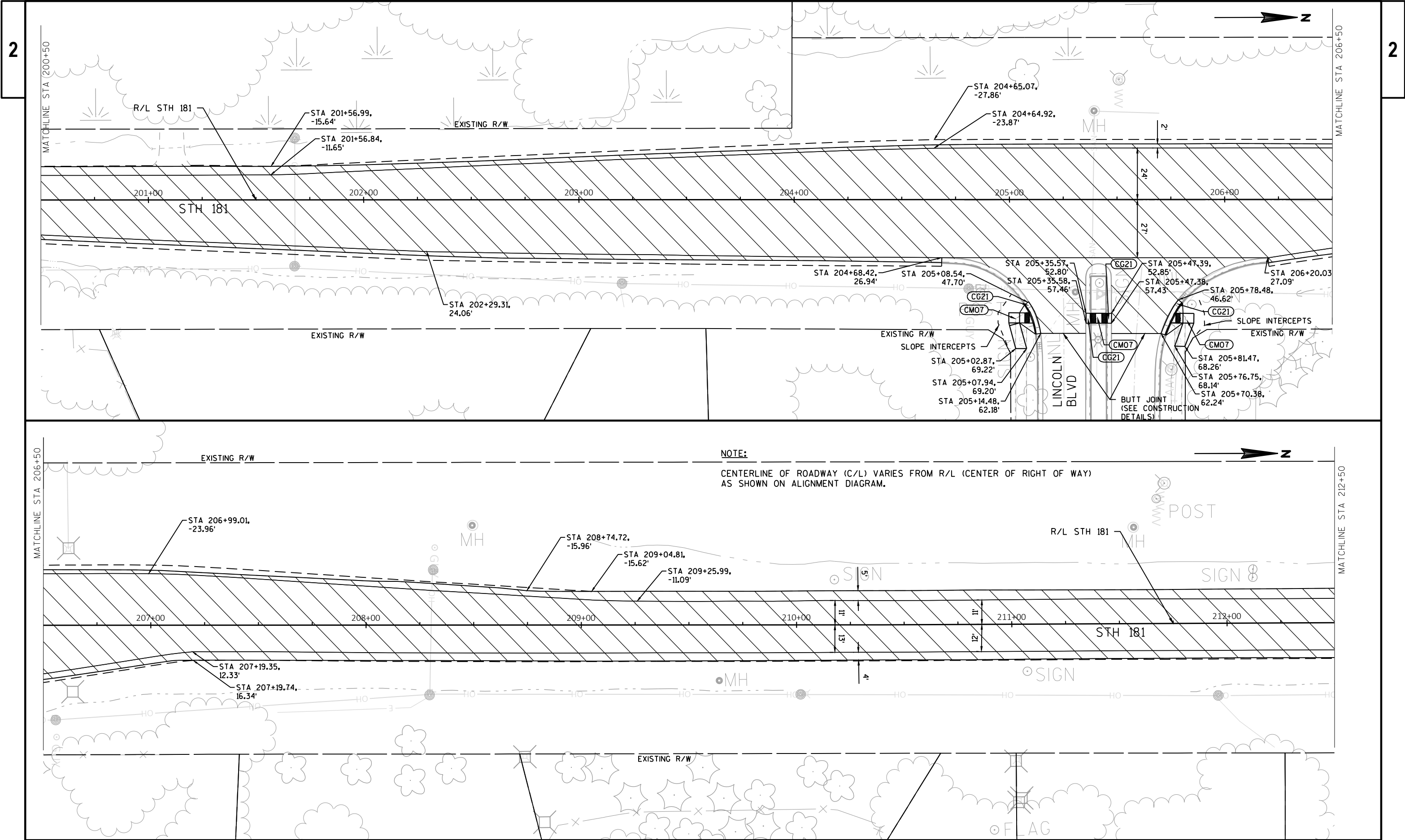
4" STA 180+12.66 TO STA 213+54.78 AND STA 256+59.72 TO STA 331+27.64
2.5" STA 213+54.78 TO STA 256+59.72

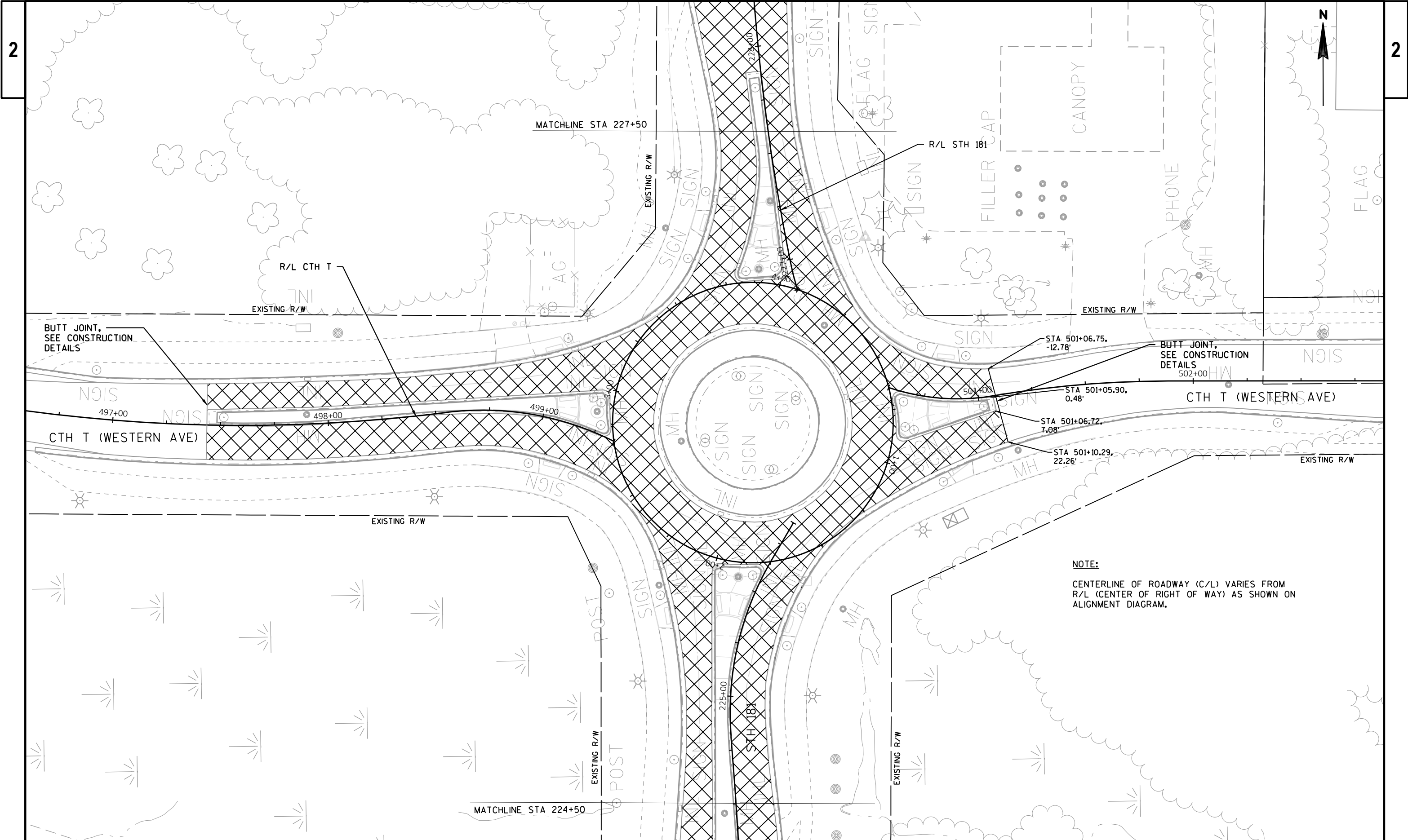
LEGEND

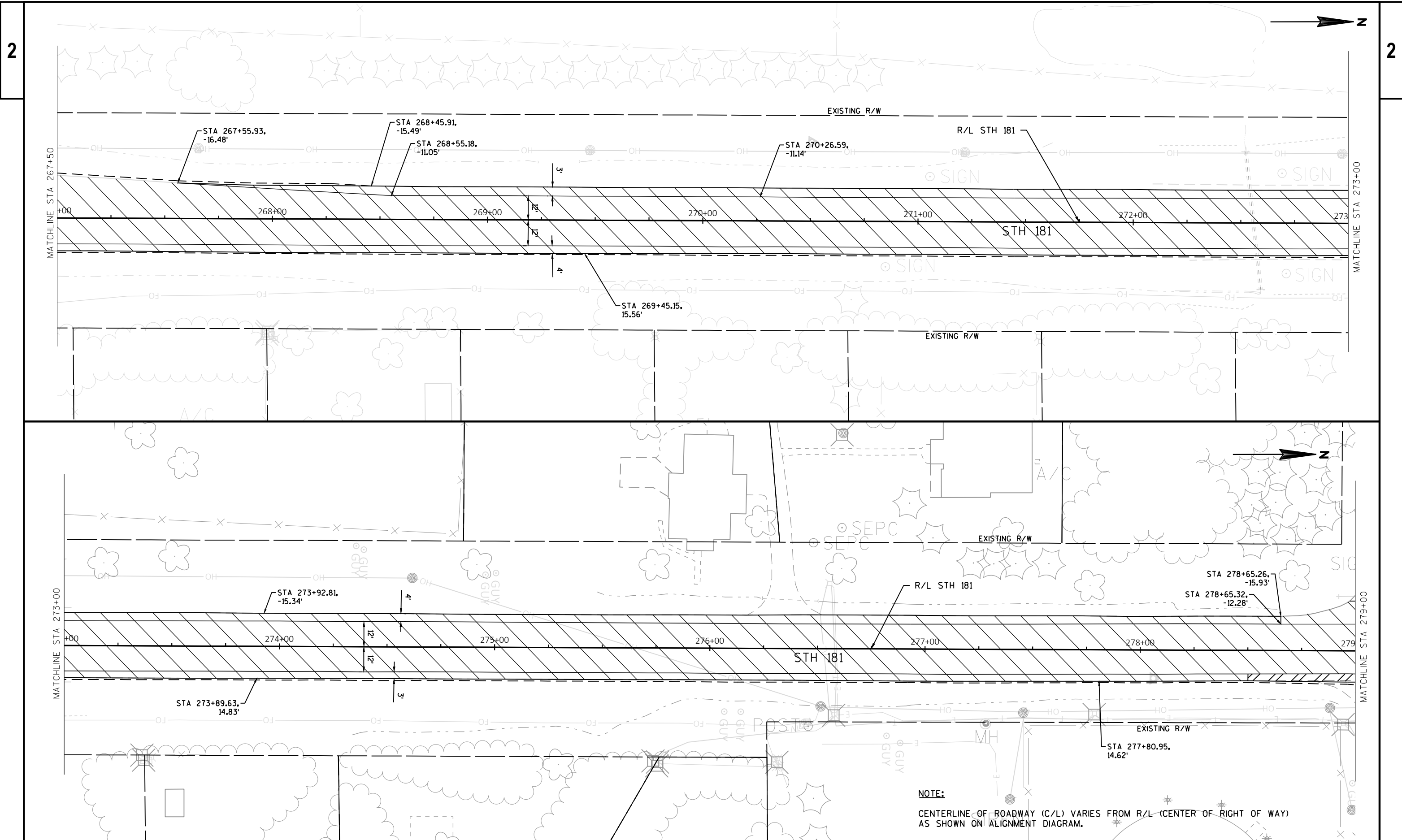
-  MGS GUARDRAIL
-  MILL EXISTING 4" ASPHALTIC SURFACE AND
REPLACE WITH 4" HMA PAVEMENT
-  MILL EXISTING 2.5" ASPHALTIC SURFACE AND
REPLACE WITH 2.5" HMA PAVEMENT
-  ASPHALTIC SURFACE PATCHING
-  HMA PAVEMENT
-  CONCRETE CURB AND GUTTER 30-INCH TYPE D
-  CONCRETE SIDEWALK 5-INCH



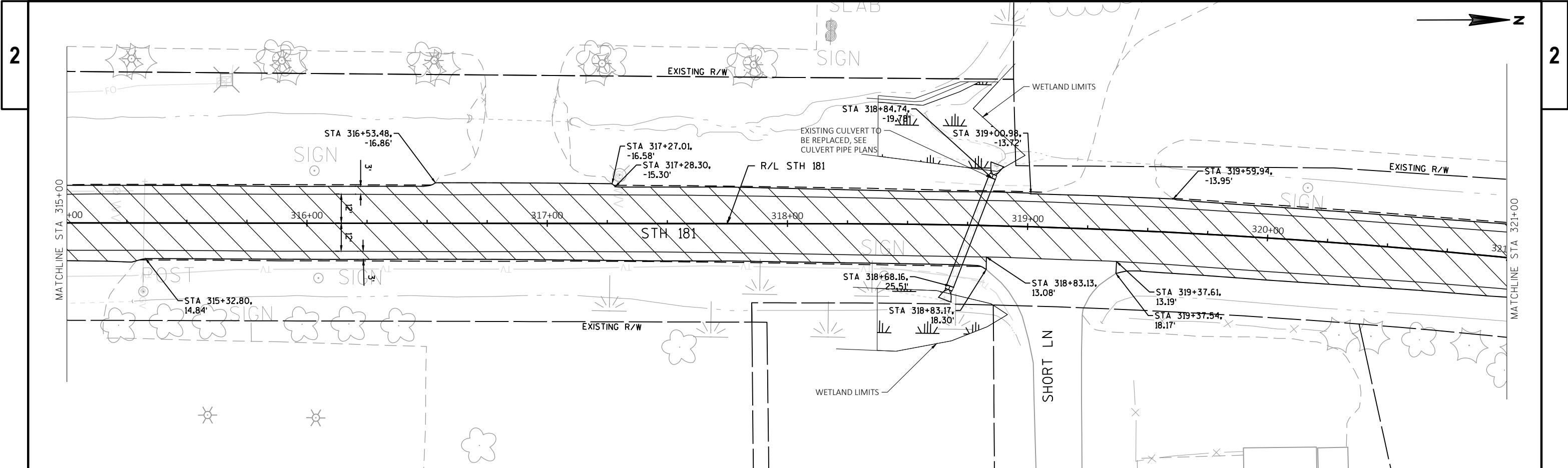




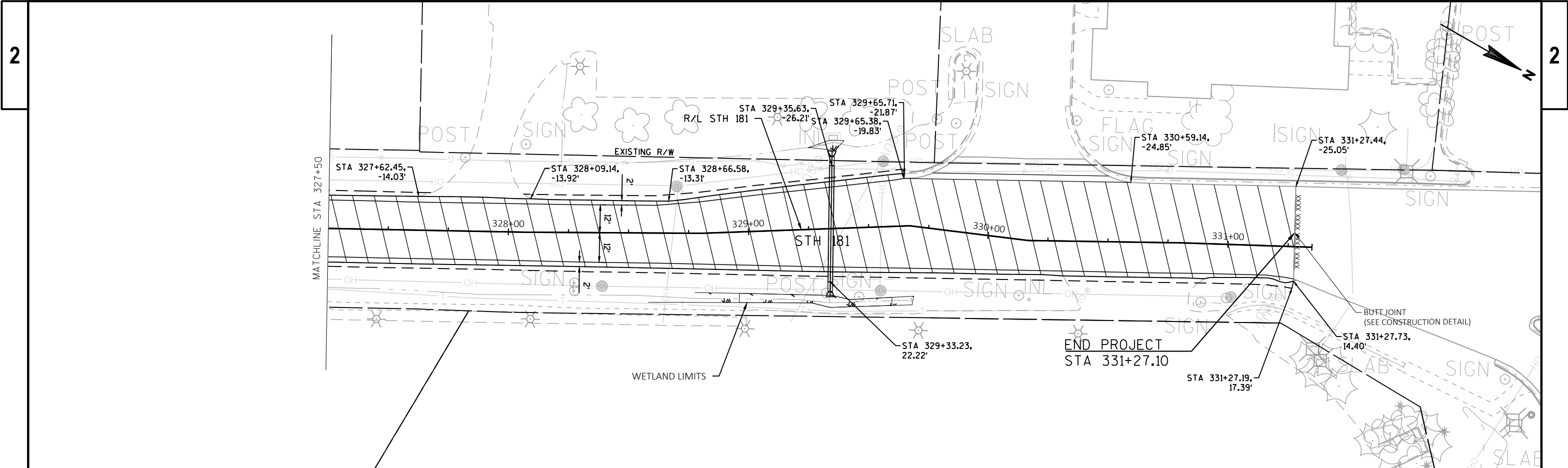




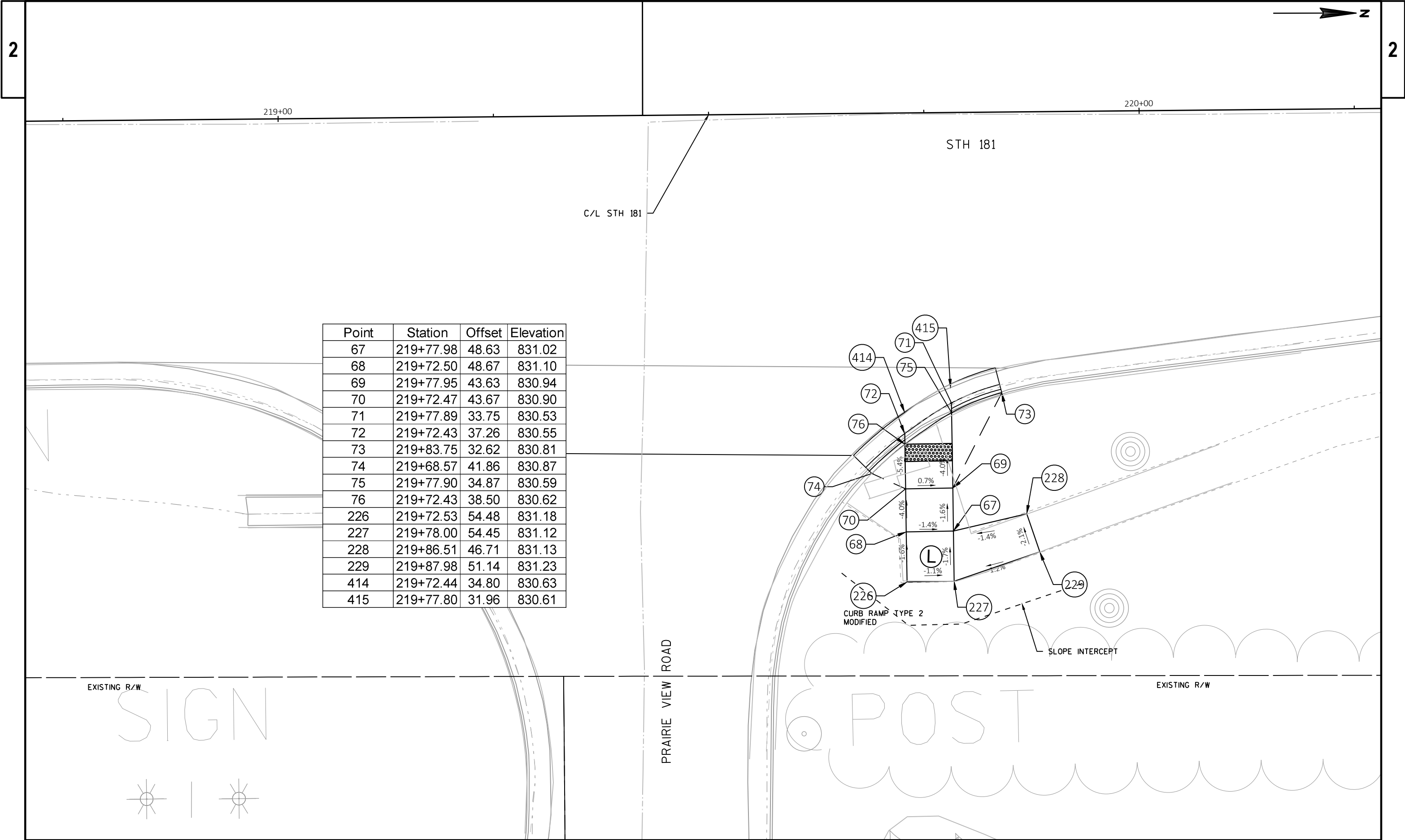
PROJECT NO: 2729-05-70	HWY: STH 181	COUNTY: OZAUCKEE	PLAN DETAILS	SHEET	E
------------------------	--------------	------------------	--------------	-------	---



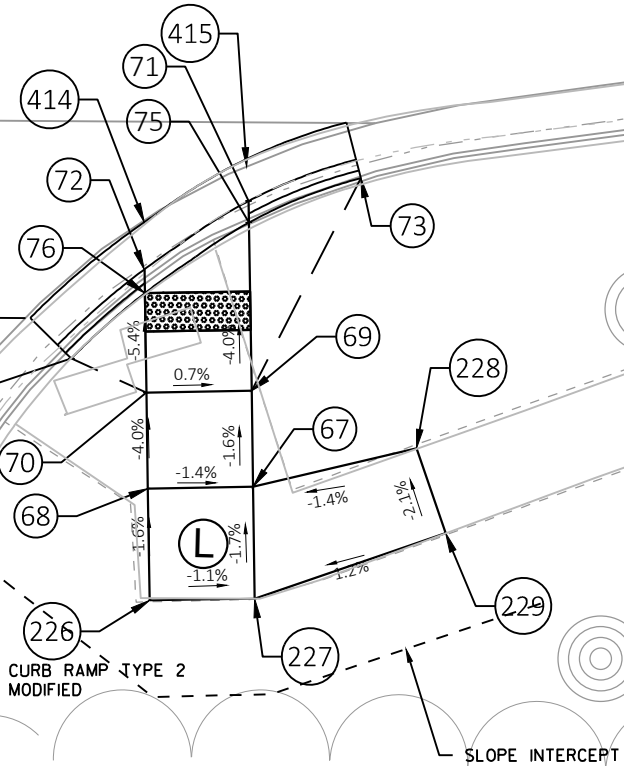
NOTE:
CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY)
AS SHOWN ON ALIGNMENT DIAGRAM.

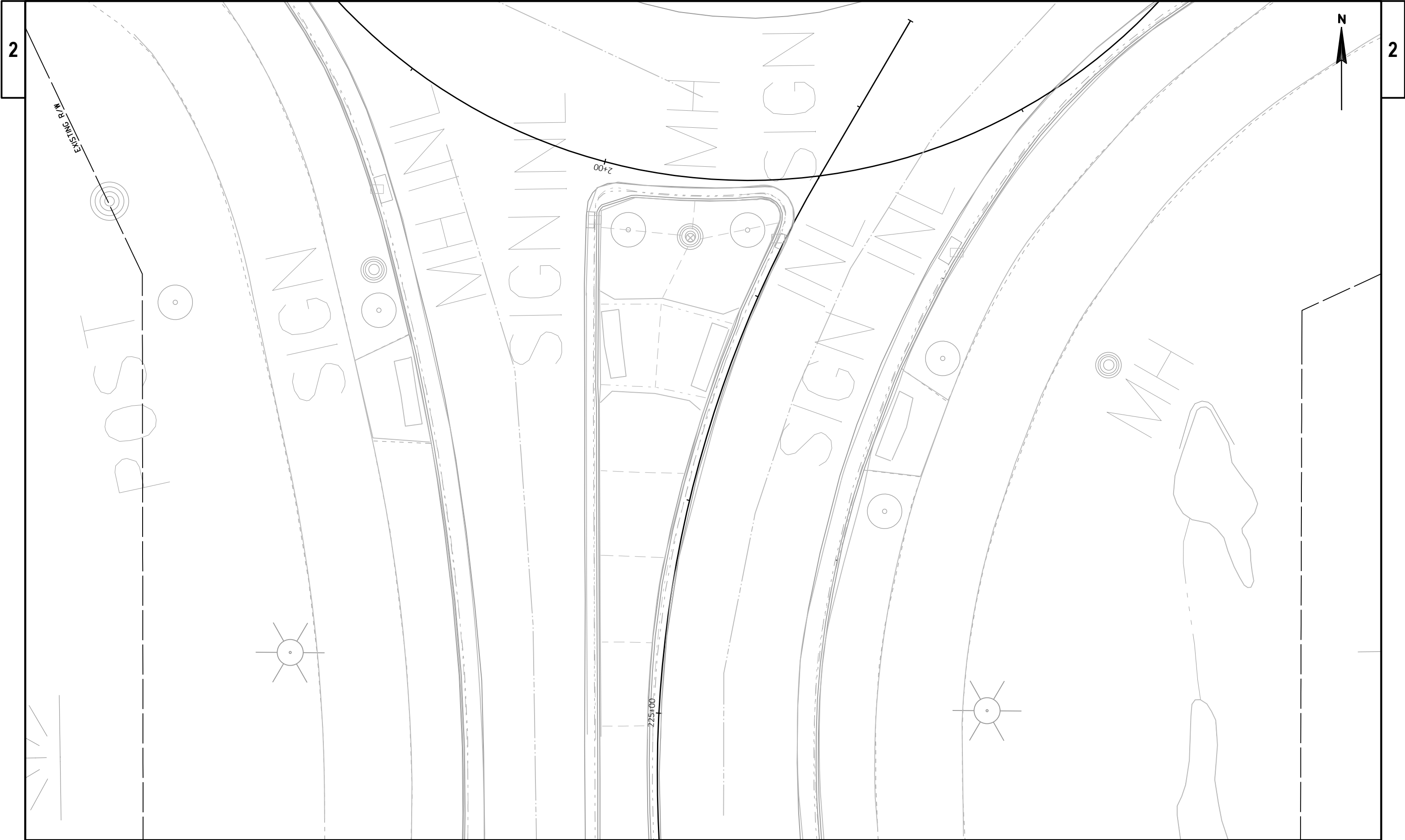


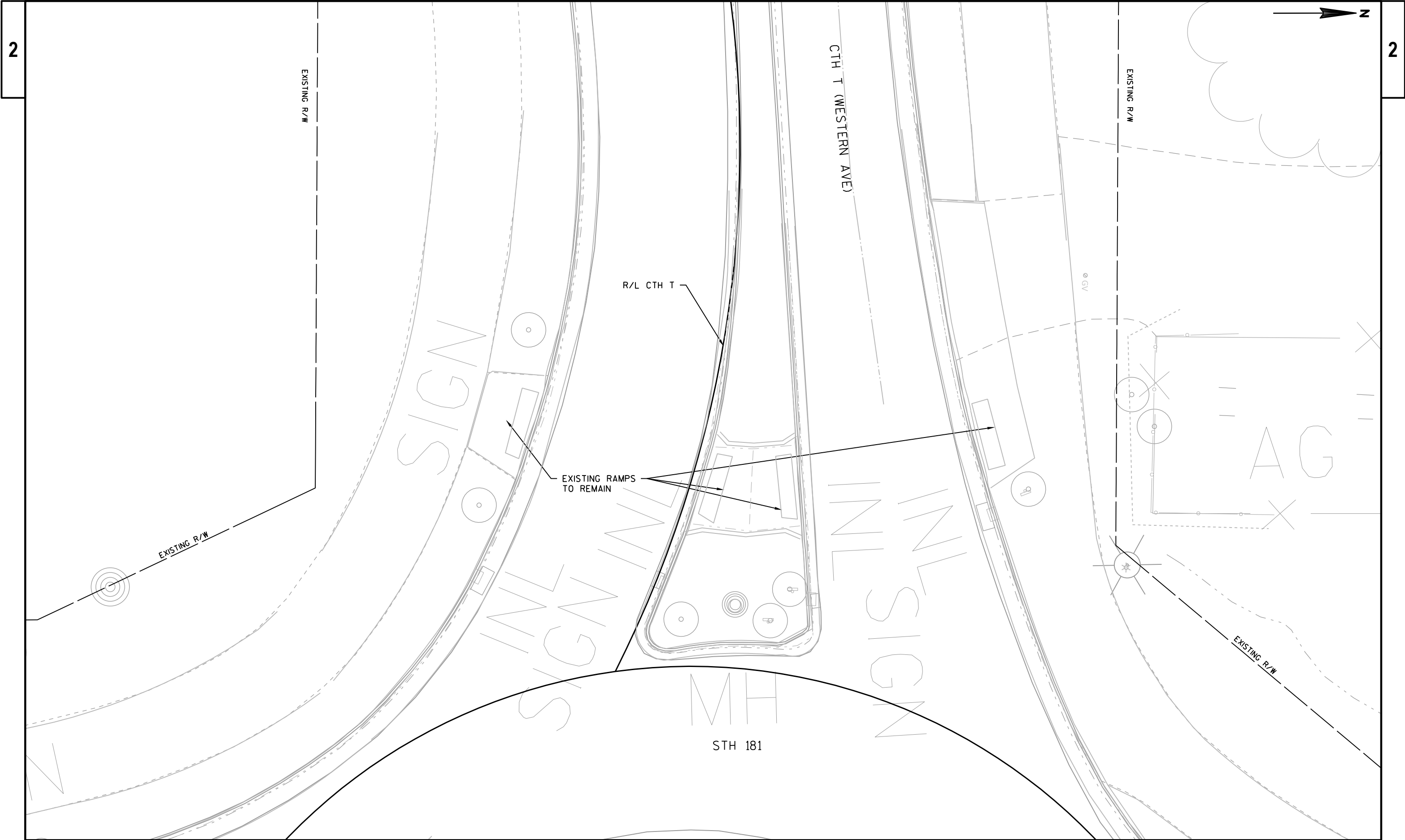
NOTE:
CENTERLINE OF ROADWAY (C/L) VARIES FROM R/L (CENTER OF RIGHT OF WAY)
AS SHOWN ON ALIGNMENT DIAGRAM.



Point	Station	Offset	Elevation
67	219+77.98	48.63	831.02
68	219+72.50	48.67	831.10
69	219+77.95	43.63	830.94
70	219+72.47	43.67	830.90
71	219+77.89	33.75	830.53
72	219+72.43	37.26	830.55
73	219+83.75	32.62	830.81
74	219+68.57	41.86	830.87
75	219+77.90	34.87	830.59
76	219+72.43	38.50	830.62
226	219+72.53	54.48	831.18
227	219+78.00	54.45	831.12
228	219+86.51	46.71	831.13
229	219+87.98	51.14	831.23
414	219+72.44	34.80	830.63
415	219+77.80	31.96	830.61







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

