

DNR/DOT PROJECT REVIEW

State of Wisconsin – Department of Natural Resources (DNR) and Department of Transportation (WisDOT)
DTNR0002 6/2018

DNR Internet: http://dnr.wi.gov/	WisDOT Internet: http://wisconsindot.gov/
JIM DOPERALSKI DNR NORTHEAST REGIONAL HEADQUARTERS 2984 SHAWANO AVE. GREEN BAY, WI 54313	Wisconsin Department of Transportation Division of Transportation Systems Development 944 VANDERPERREN WAY GREEN BAY, WI 54304

Inform WisDOT Regional Environmental Coordinator, if more than 45 days is needed.

Design Project ID 1480-27-71	Project Highway STH 54	Review Submittal Date (m/d/yy) 11/9/20
Construction Project ID 1480-27-00	Estimated Project Cost (range) \$5,500,000.00 to \$6,499,999.99	Construction Year (yyyy) 2024
Project Name GREEN BAY - LUXEMBURG	Project Limits UNIVERSITY WAY - STH 57	
County BROWN	Project on Tribal Land ☐ Yes ☒ No	
Contact Name ANDREW FULCER	Contact (Area Code) Phone Number (920) 362-6126	
Section/Township/Range S 25-28, 33, T24N, R21E; S 19 & 30, T24N, R22E	Estimated Area of Ground Disturbance (acres) 0.72	

Type of Review Requested ☒ Initial Review ☐ Final Concurrence ☐ Scope Change ☐ Other:	Document Type ☐ Environmental Assessment (EA) ☐ Environmental Report (ER) ☐ Programmatic Categorical Exclusion (PCE) ☒ Categorical Exclusion Checklist (CEC)
WisDOT Project Classification ☐ Bridge Rehabilitation, FDM 3-5-2 ☐ Bridge Replacement, FDM 3-5-2 ☐ Expansion, FDM 3-5-2 ☐ Pavement Replacement, FDM 3-5-2 ☐ Preventive Maintenance, FDM 3-1-5 ☐ SHRM (State Hwy Rehab/Maint), Maintenance Manual 13.08 ☐ Recondition, FDM 3-5-2 ☐ Reconstruction, FDM 3-5-2 ☒ Resurface, FDM 3-5-2 ☐ Safety (HSIP), PMM 4-1-10 ☐ Other:	Work Involved ☒ Beam Guard Replacement ☐ Borrow and/or Waste Site Required ☐ Channel Change/Stream Relocation ☐ Clearing and Grubbing ☐ Culvert Replacement or Extensions ☐ Dredging ☒ Grading ☐ Fill Outside Toe of Slope ☐ Intersection Improvement ☐ Right of Way Acquisition ☒ Shoulder Work ☐ Storm Sewer ☒ Other: Culvert Endwall Replacement

Storm Water Management (check all that apply)

- ☐ Trans 401 post construction requirements
☐ NPDES MS4/Urbanized Area
☐ TMDL Implementation Area
☒ Transportation Construction General Permit (TCGP)

For more information, please see the back of this form.

Project Description and Reason for Project:

(include project location map with limits and necessary attachments; attach additional sheets if needed)

The purpose of this project is to improve the deteriorating pavement and safety along STH 54 from University Way to the STH 54/STH 57 Interchange in Brown County.

The pavement structure for STH 54 between University Way and the STH 54/57 Interchange is a combination of asphaltic surface segments and concrete surface segments. The last rehabilitation project within the proposed project limits was the second overlay within the asphaltic surface segments and spot concrete repairs within the concrete surface segments, which occurred in 2005. Today more significant pavement wear is visible, with cracking in both asphaltic and concrete segments. In addition, there are 10 beam guard locations that are outdated and pose a safety concern. The beam guards are proposed to be replaced. Also, one culvert endwall is also deteriorated and failing and needs to be replaced. There is also a curb ramp in the southwest quadrant of Bay Settlement Road and Leon Bond Drive that is proposed to be replaced to make the curb ramp comply with current standards.

Attachments Included:

Preliminary Plan

Project Location Map

Wetland Map for Culvert Endwall Replacement

PROJECT ID: 1480-27-71
WITH: N/A

COUNTY: BROWN

ORDER OF SHEETS

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

TOTAL SHEETS =



DESIGN DESIGNATION

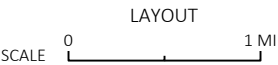
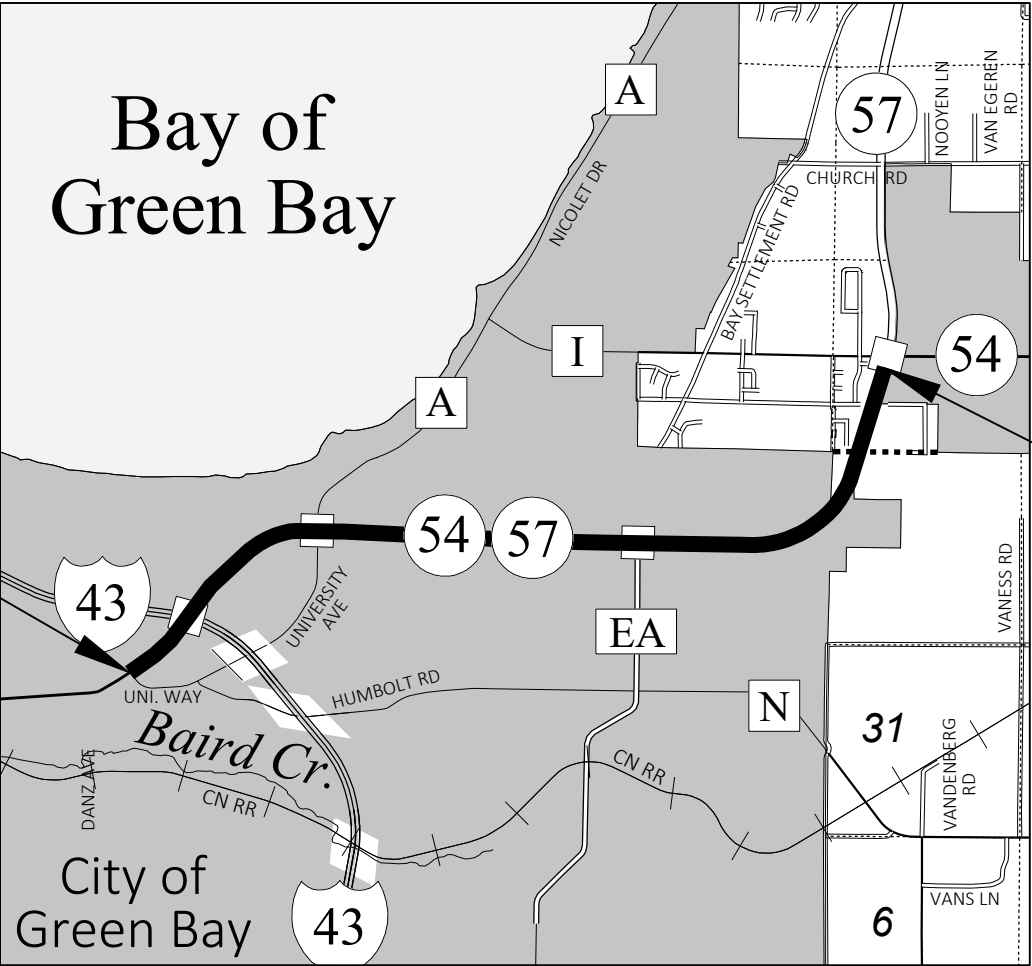
A.A.D.T.	2024	=	36,270
A.A.D.T.	2024	=	46,300
D.H.V.		=	4,815
D.D.		=	50/50
T.		=	7.1%
DESIGN SPEED		=	70 MPH
ESALS		=	5,600,000

CONVENTIONAL SYMBOLS

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

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

BEGIN PROJECT
STA 205+82.80 EB
Y = 567,265.477
X = 114,110.942



TOTAL NET LENGTH OF CENTERLINE = 4.398 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), BROWN 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 ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

GREEN BAY - LUXEMBURG

UNIVERISTY WAY - STH 57

STH 54

BROWN COUNTY

STATE PROJECT NUMBER
1480-27-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1480-27-71		

END PROJECT
STA 438+01.87 EB
Y = 573,642.579
X = 134,168.433

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	WISDOT
Designer	A. FARRELL
Project Manager	A. FULCER
Regional Examiner	
Regional Supervisor	D. SEGERSTROM
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

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GENERAL NOTES

THE LOCATIONS OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE EXACT CONSTRUCTION LIMITS AND LOCATIONS OF ALL ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PLAN DETAILS
- TRAFFIC CONTROL
- DETOUR PLAN
- ALIGNMENT PLAN

DNR LIAISON

JIM DOPERALSKI JR.
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BROWN COUNTY HIGHWAY COMMISSIONER

PAUL FONTECCHIO
BROWN COUNTY HIGHWAY DEPT.
2198 GLENDALE AVE.
GREEN BAY, WI 54303
(920) 492-4925
bc_highway@co.brown.wi.us

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
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NE REGION DESIGN PROJECT MANAGER

ANDY FULCER, PE
944 VANDERPERREN WAY
GREEN BAY, WI 54303
(920)362-6126
andy.fulcer@dot.wi.gov

UTILITIES CONTACTS

AT&T WISCONSIN
SHEA GORZELANCZYK
205 S JEFFERSON ST
GREEN BAY, WI 54301
(920) 433-4250
MOBILE (920) 227-8871
sg2528@att.com

ATC MANAGEMENT, INC.
801 O'KEEFE ROAD
DE PERE, WI 54115
(920) 338-6582
dl-atcdotnotifications@atcllc.com

BROWN COUNTY
TECHNOLOGY SERVICES
KEVIN RAYE
111 NORTH JEFFERSON ST
GREEN BAY, WI 54301
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raye_kp@co.brown.wi.us

CENTURYLINK
KEVIN ZICKERT
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
(262) 392-5200
relocations@centurylink.com

CHARTER COMMUNICATIONS
VINCENT ALBIN
3520 E DESTINATION DR
APPLETON, WI 54915
(920) 831-9249
MOBILE (920) 378-0444
vince.albin@charter.com

CITY OF GREEN BAY
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100 N JEFFERSON ST
GREEN BAY, WI 54301
PHONE (920) 448-3100
stevengr@greenbaywi.gov

NEW WATER
ROB REINHART
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GREEN BAY, WI 54302-1248
(920) 438-1035
rreinhart@newwater.us

GREEN BAY WATER UTILITY
BRIAN POWELL
631 S ADAMS ST
GREEN BAY, WI 54301
(920) 448-3480
brianpo@ci.green-bay.us

PAETEC COMMUNICATIONS, LLC
MARY FISHER
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BROOKFIELD, WI 53005
(262) 792-7938
mary.b.fisher@windstream.com

SCOTT SANITARY SEWER DISTRICT NO 1
MEL DEPREY
2559 BAY SETTLEMENT RD
GREEN BAY, WI 54311
(920) 468-0779

TOWN OF SCOTT WATER UTILITY
LARRY SKALETSKI
2621 JODY DR
GREEN BAY, WI 54229
(920) 660-5030
larryskaletski@yahoo.com

WISCONSIN PUBLIC SERVICE CORPORATION
LORI BUTRY
700 N ADAMS ST
P.O. BOX 19001
GREEN BAY, WI 54307-9001
(920) 433-1703
utilitiesrelocation@wisconsinpublicservice.com



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

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261
GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240
GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

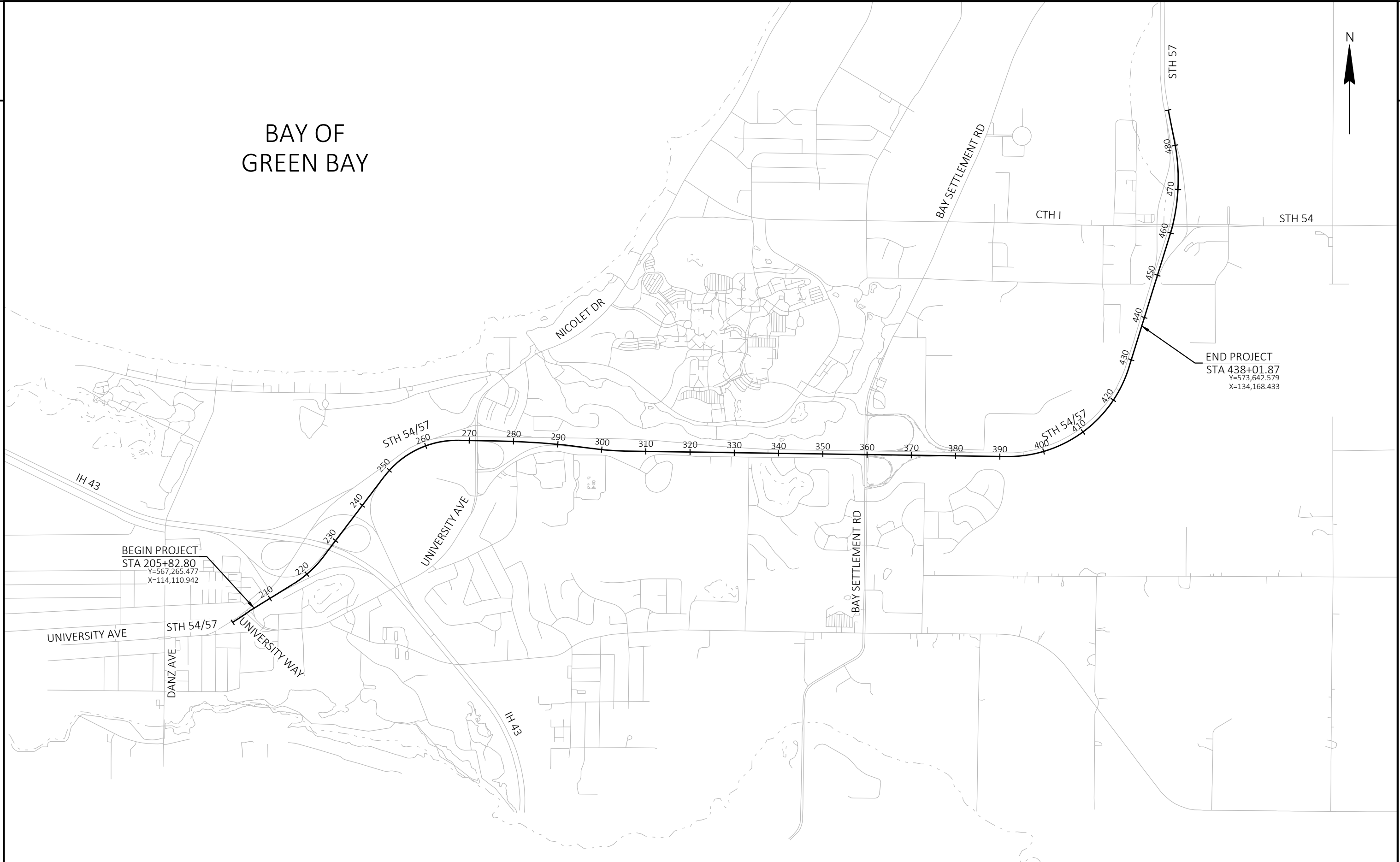
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797
GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

RUNOFF COEFFICIENT TABLE

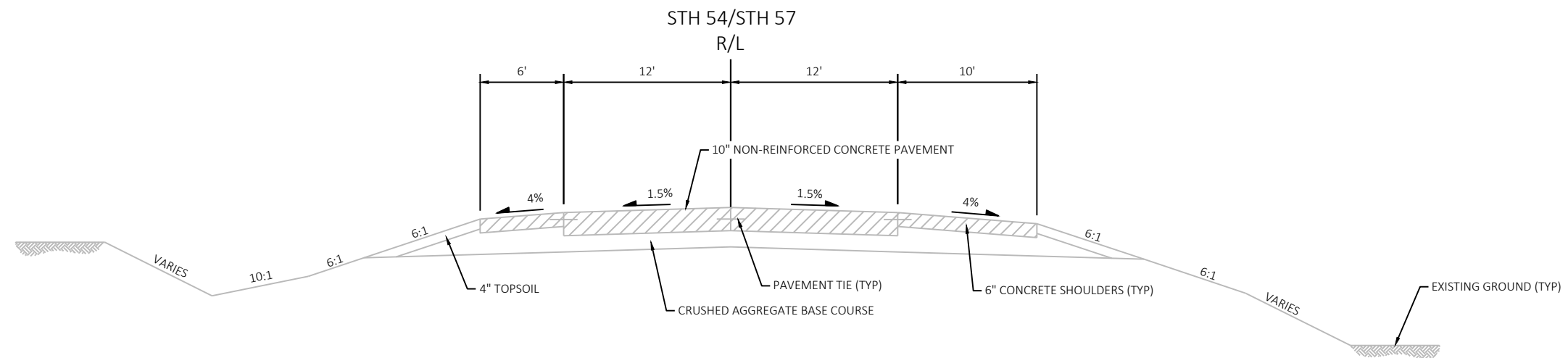
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP-TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE-TURF			.25			.27			.28			.30
			.32			.34			.36			.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 = _____ ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = _____ ACRES

BAY OF
GREEN BAY

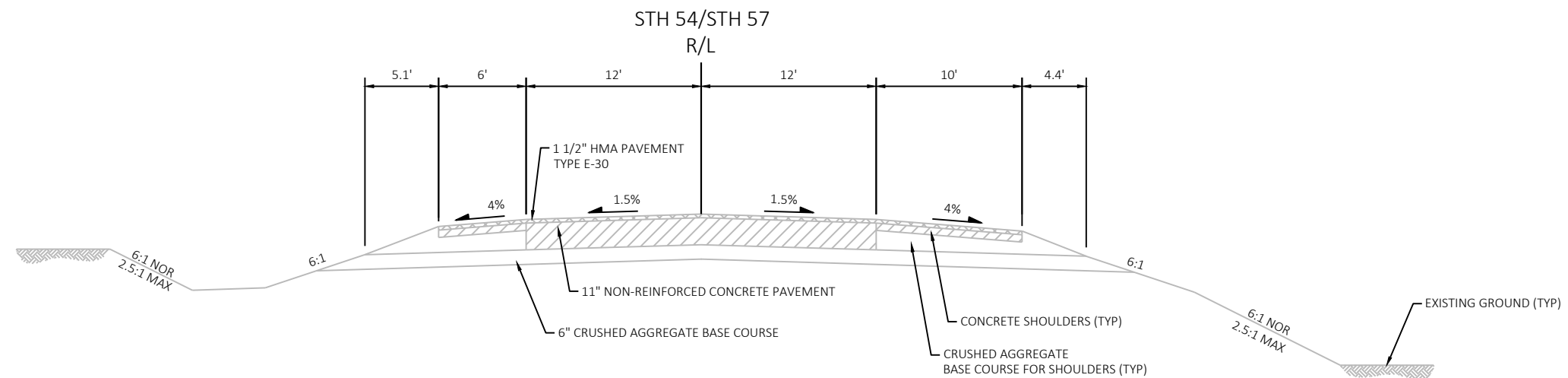


PROJECT NO: 1480-27-71	HWY: STH 54	COUNTY: BROWN	PROJECT OVERVIEW	SHEET	E
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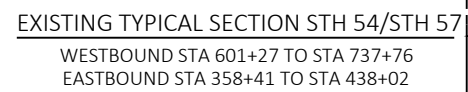
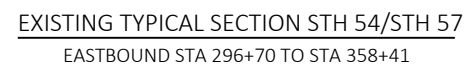
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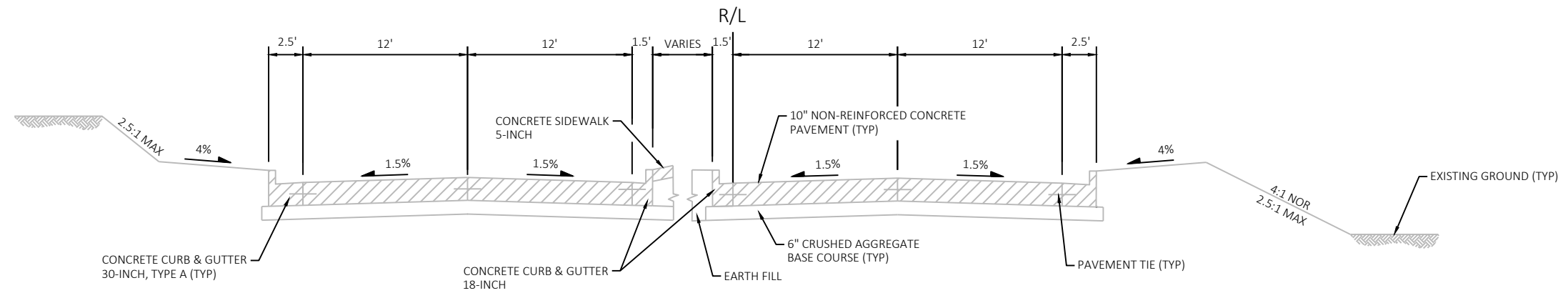
EASTBOUND STA 205+83 TO STA 269+85
WESTBOUND STA 505+82 TO STA 570+49
EASTBOUND STA 273+28 TO STA 296+70
WESTBOUND STA 574+15 TO STA 601+27



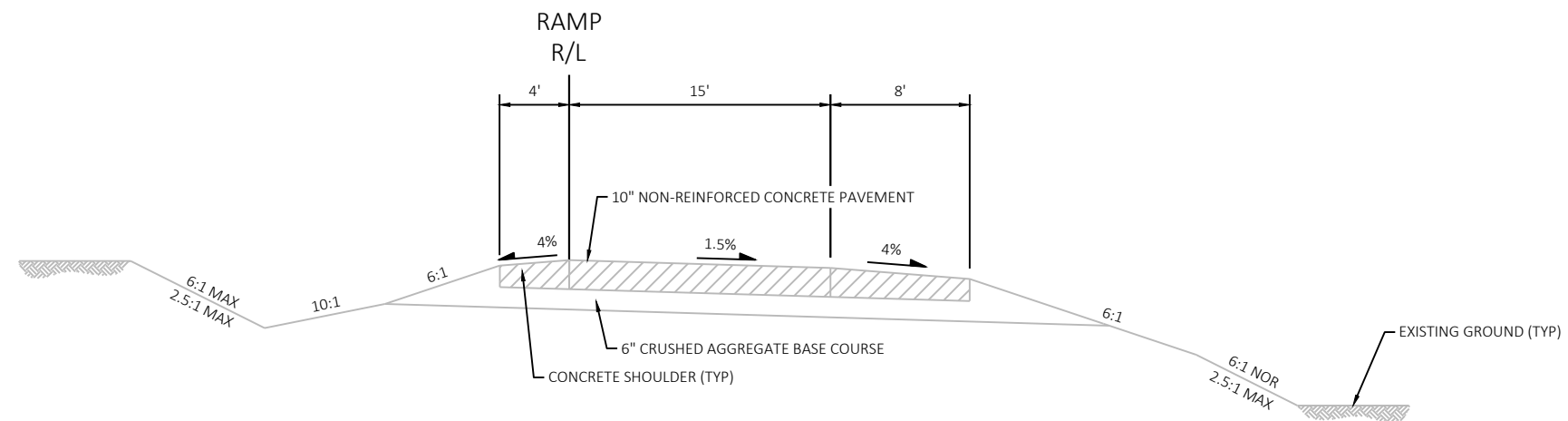
EXISTING TYPICAL SECTION STH 54/STH 57

EASTBOUND STA 269+85 TO STA 270+89
WESTBOUND STA 570+49 TO STA 571+50
EASTBOUND STA 272+43 TO STA 273+28
WESTBOUND STA 573+04 TO STA 574+15

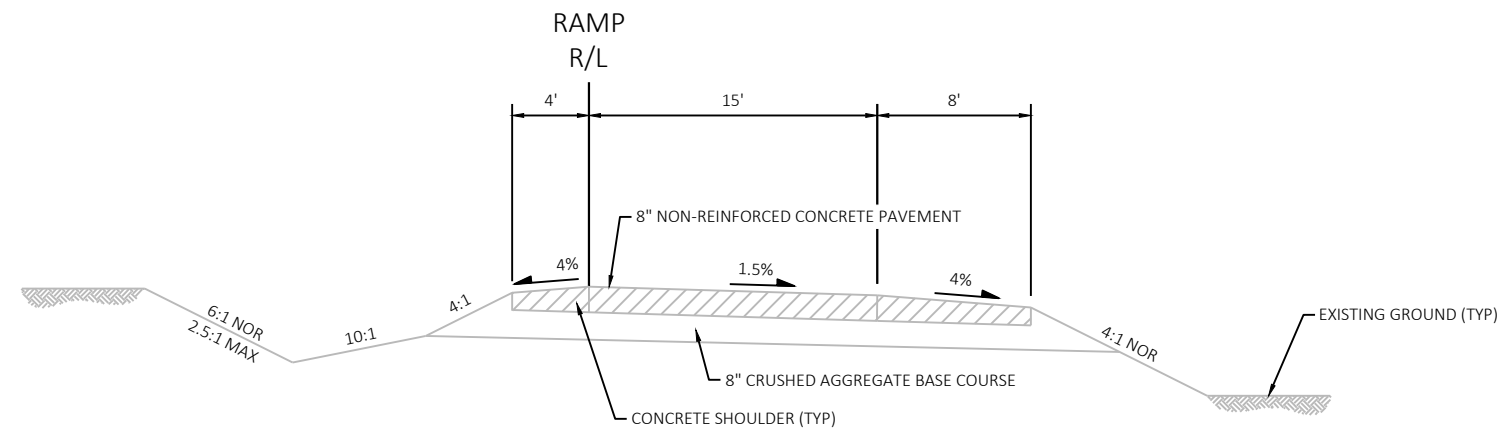




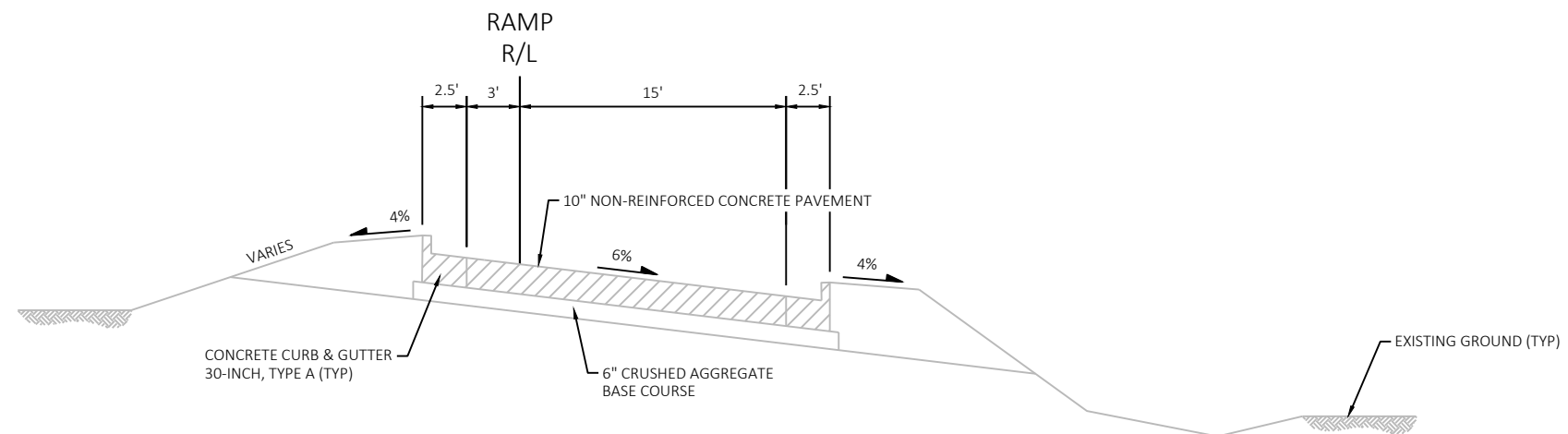
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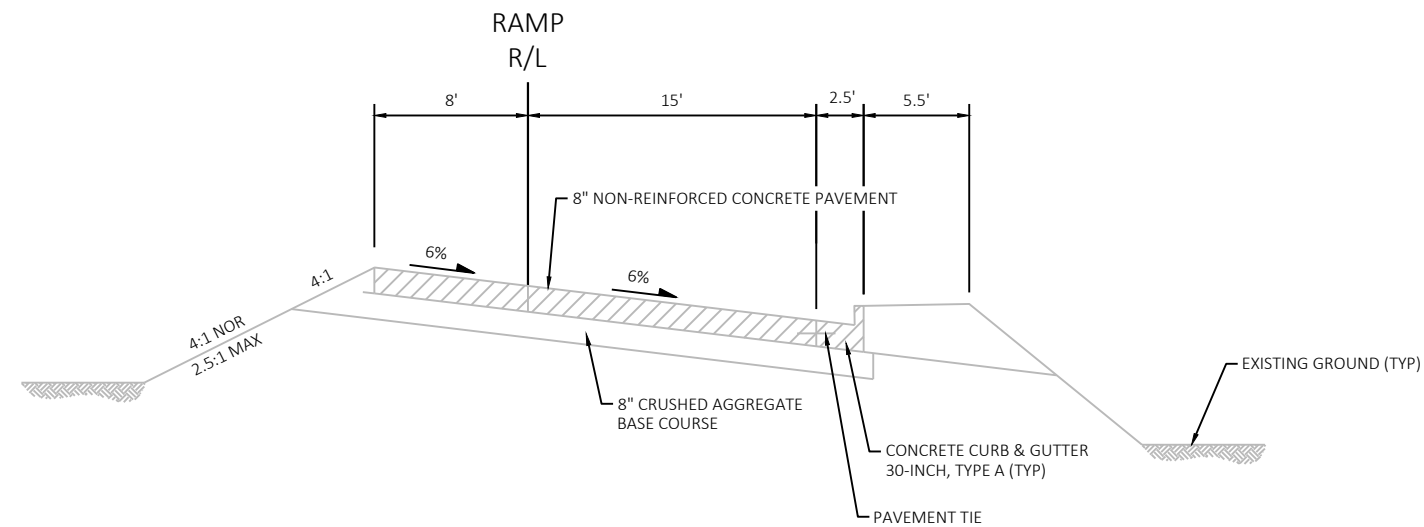
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UNIVERSITY AVE/NICOLET DR INTERCHANGE NW RAMP



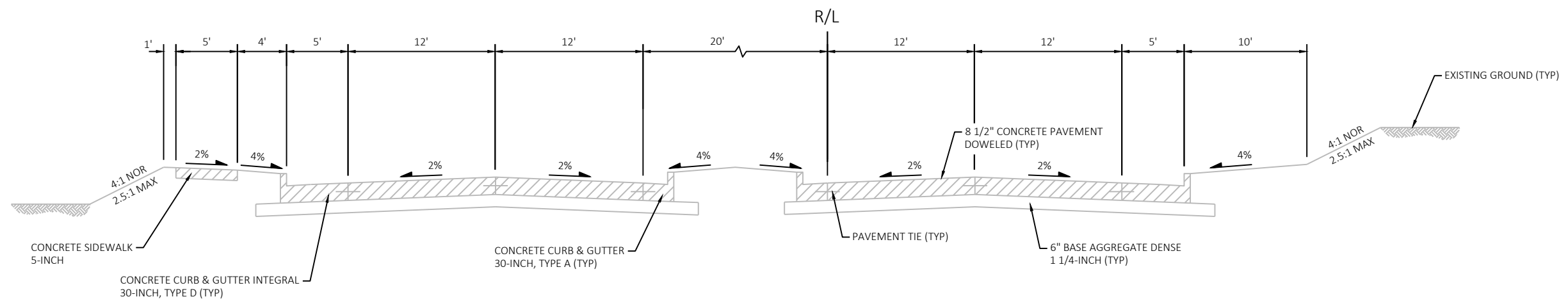
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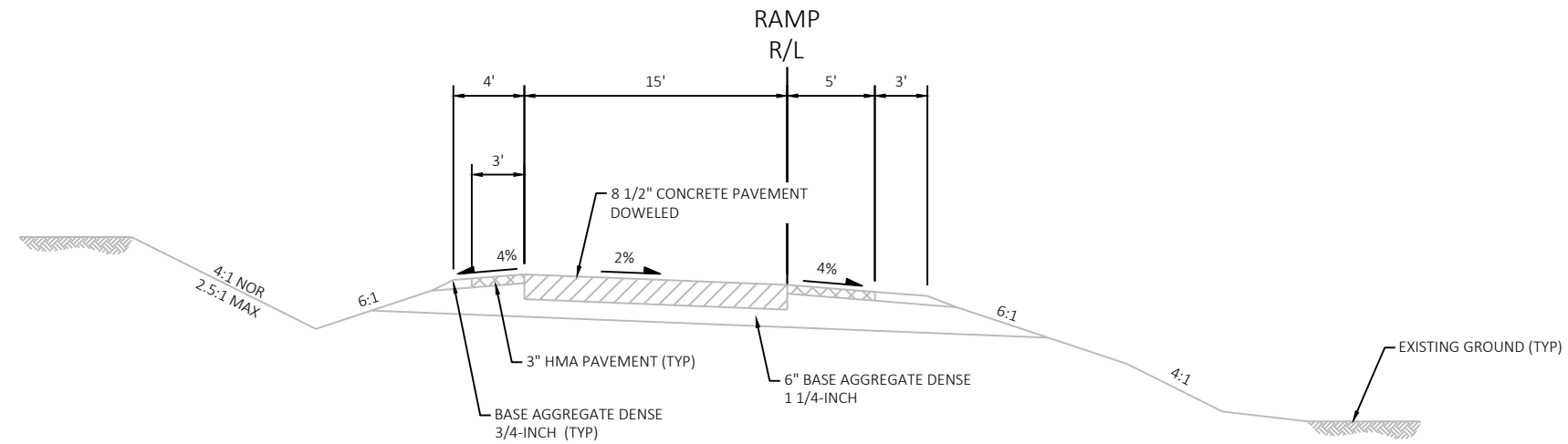
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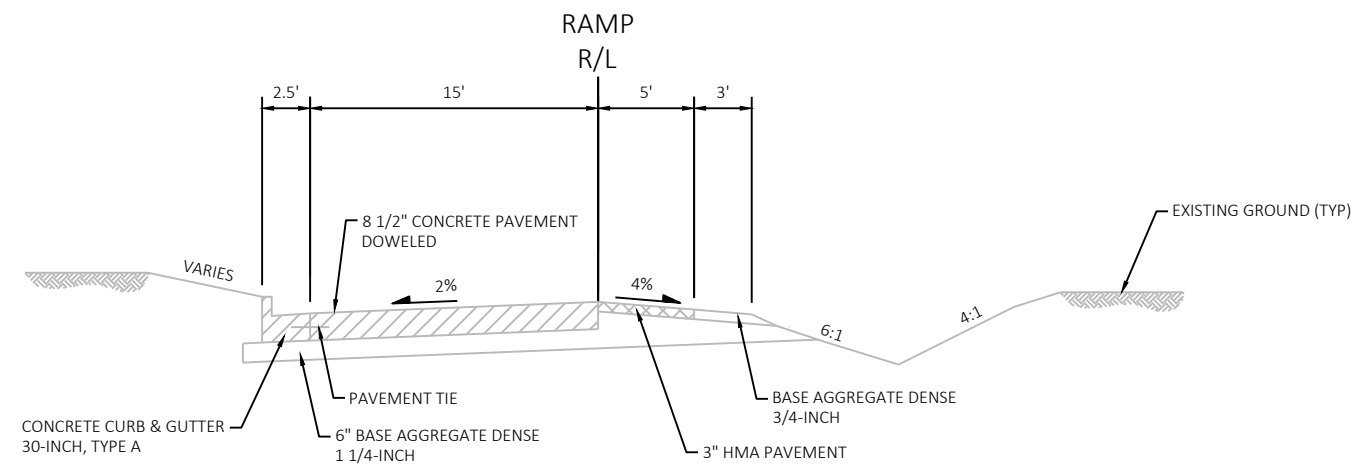
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UNIVERSITY AVE/NICOLET DR SE RAMP (LOOKING DOWN STATION)



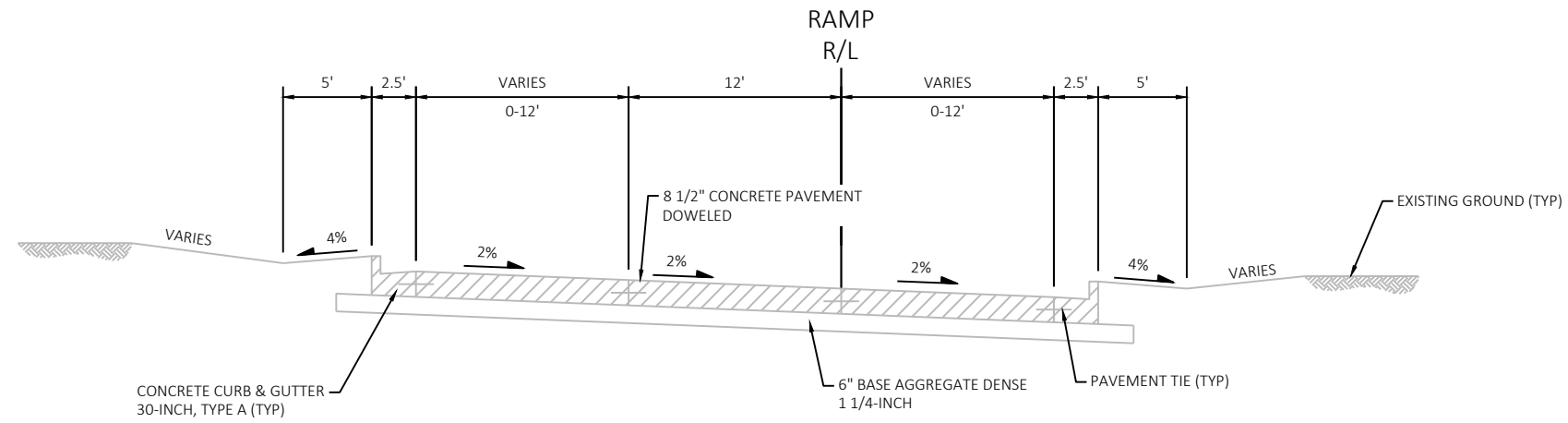
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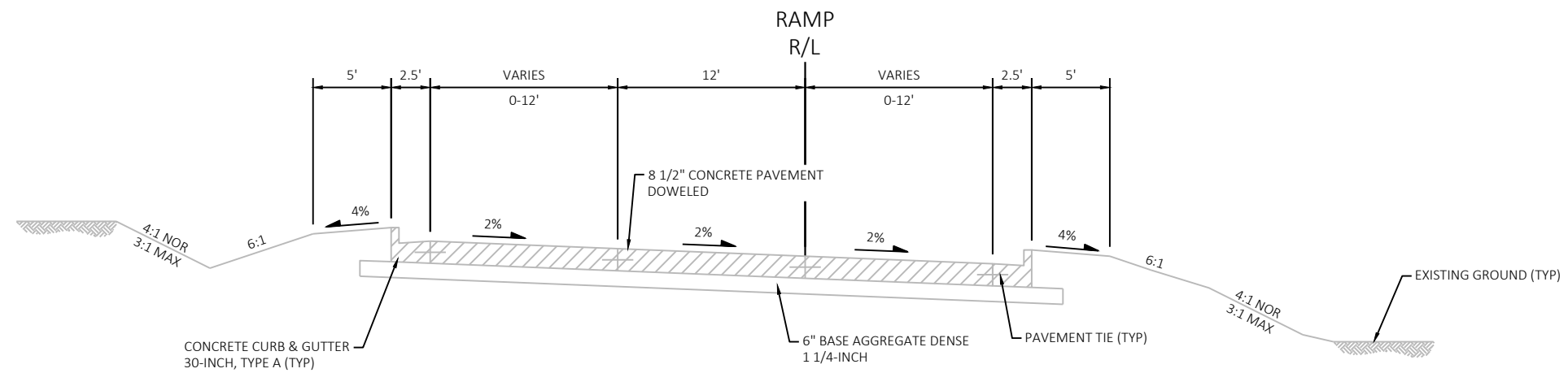
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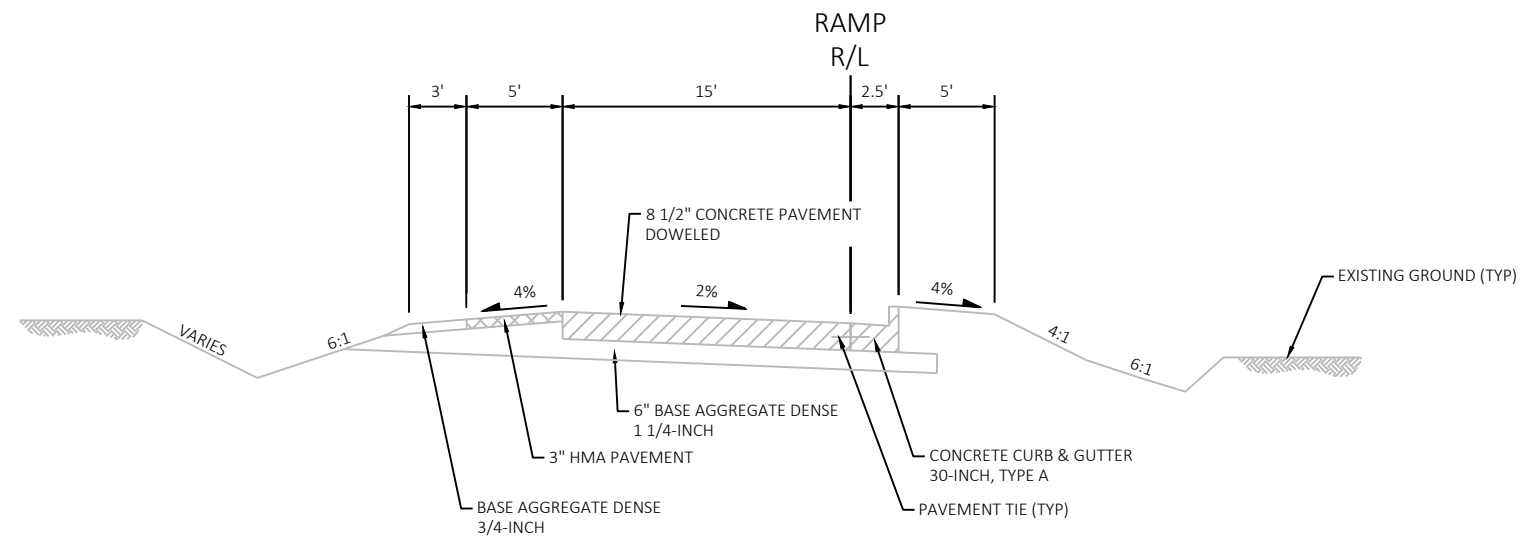
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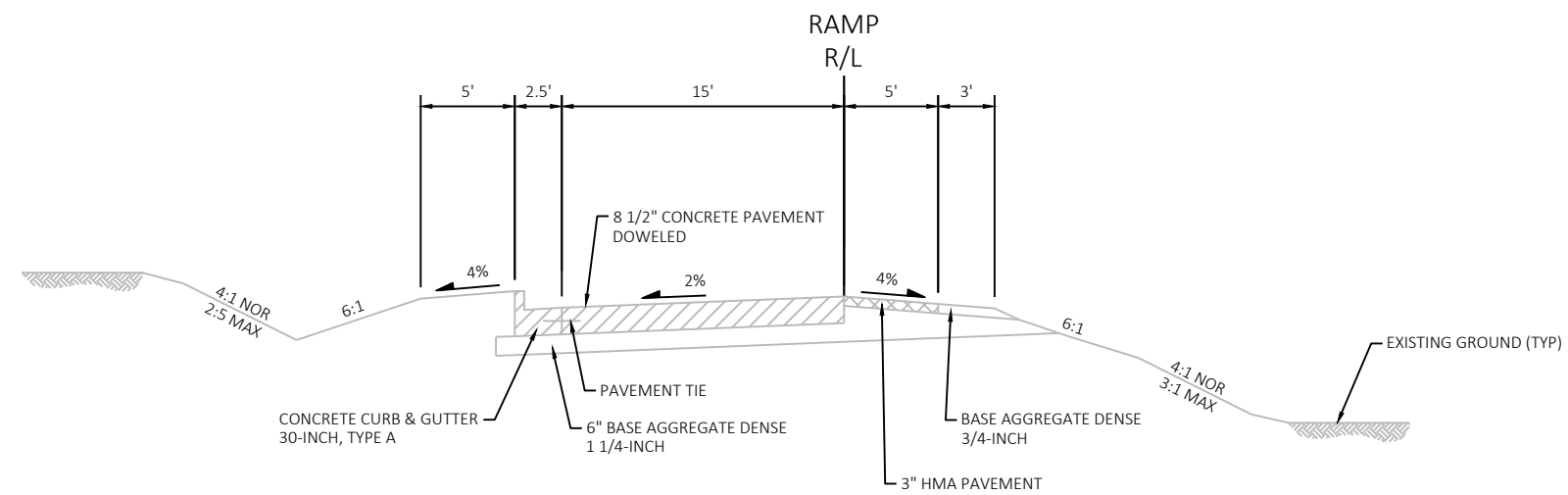
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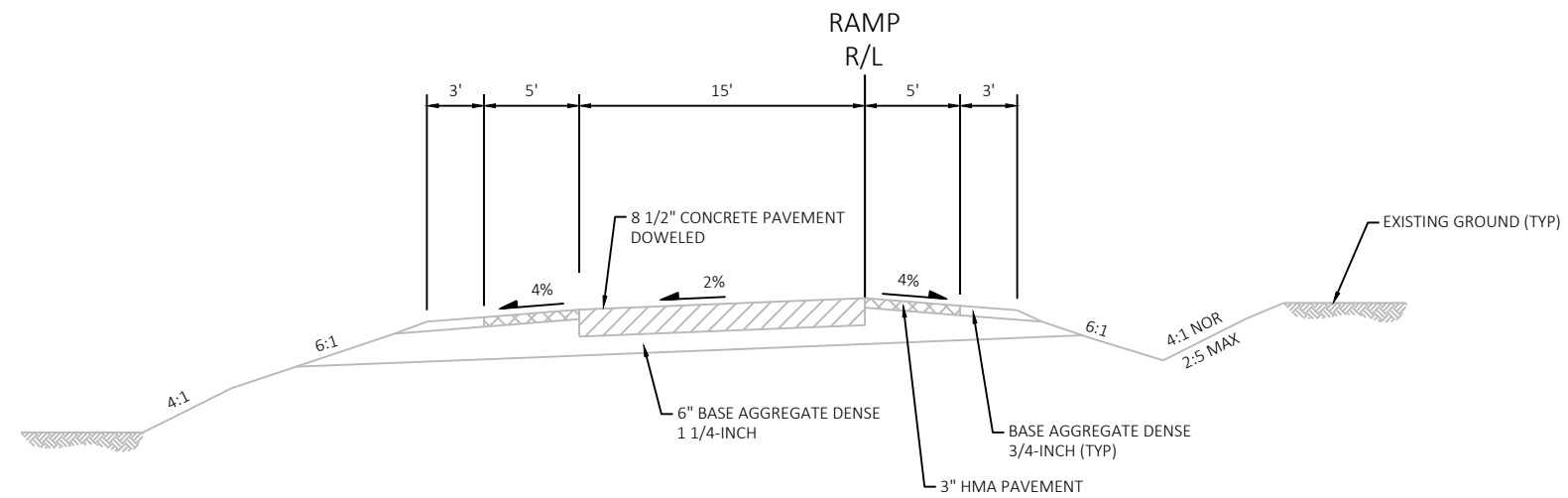
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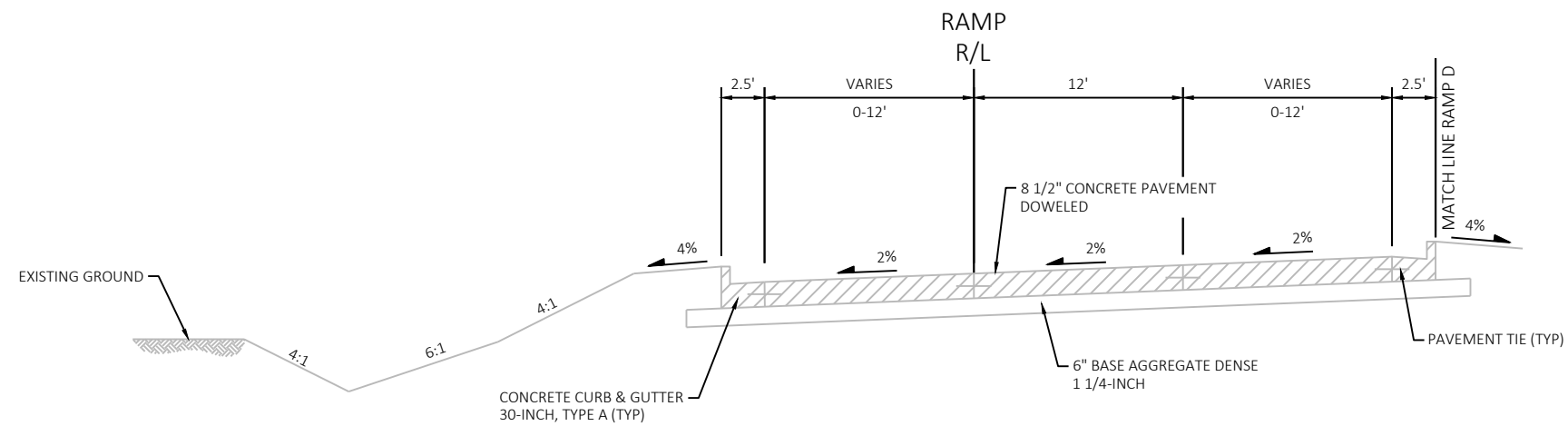
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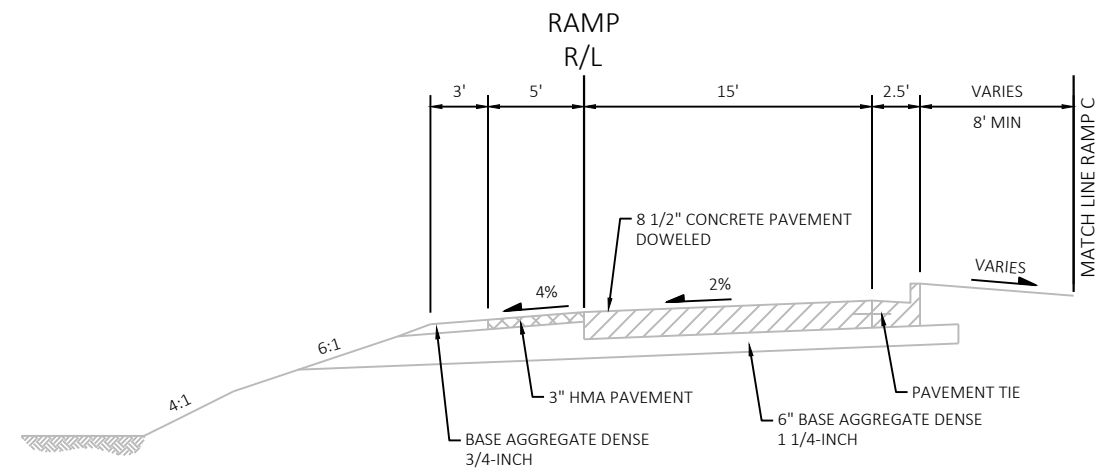
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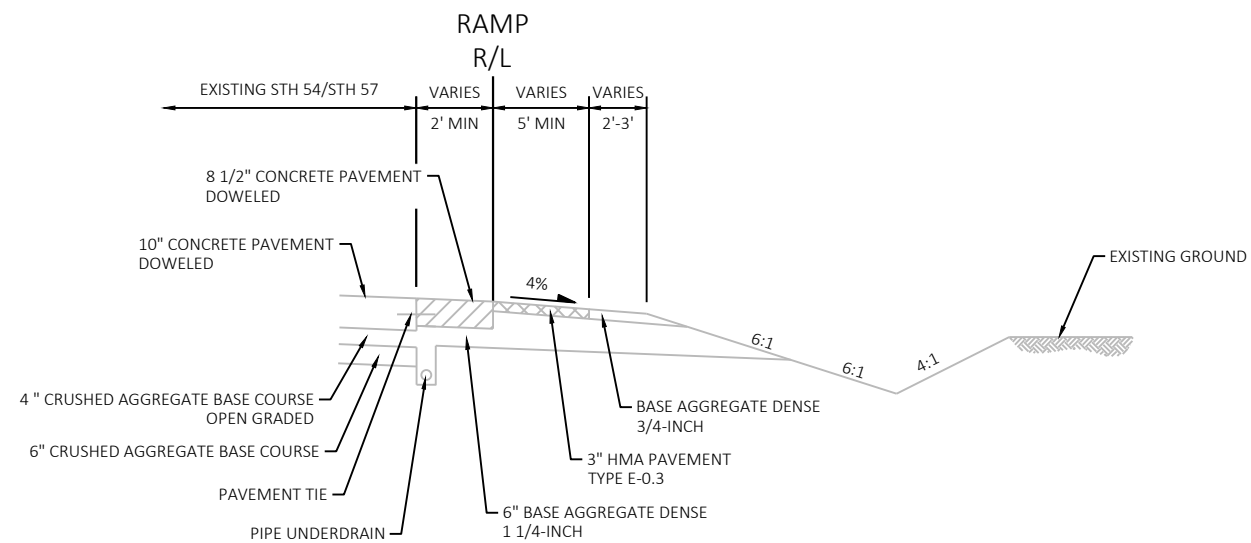
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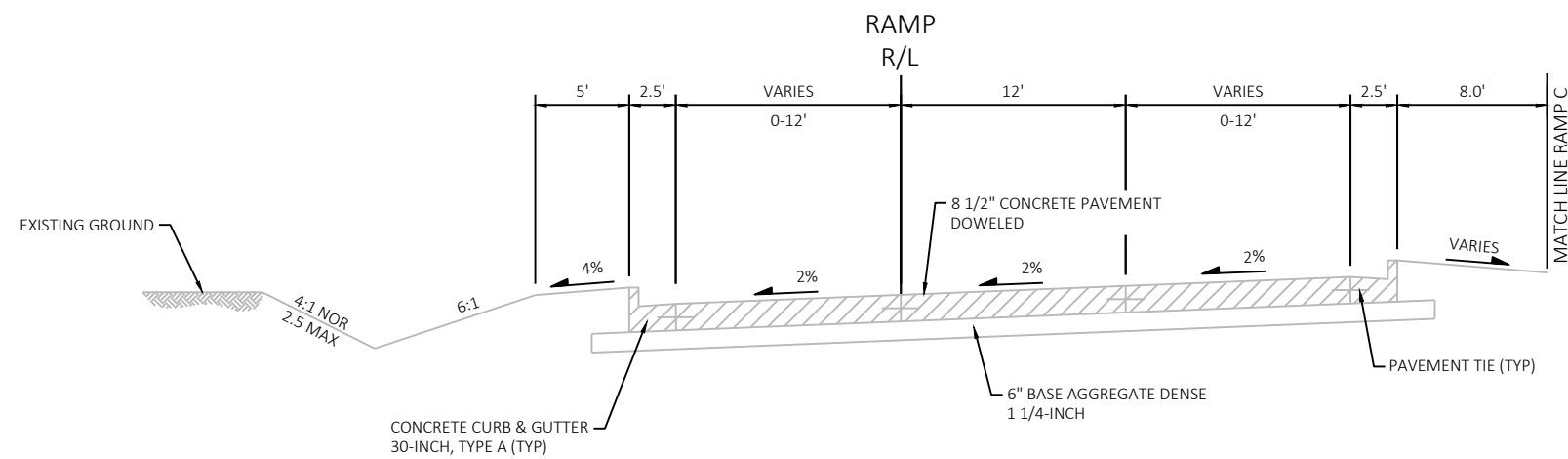
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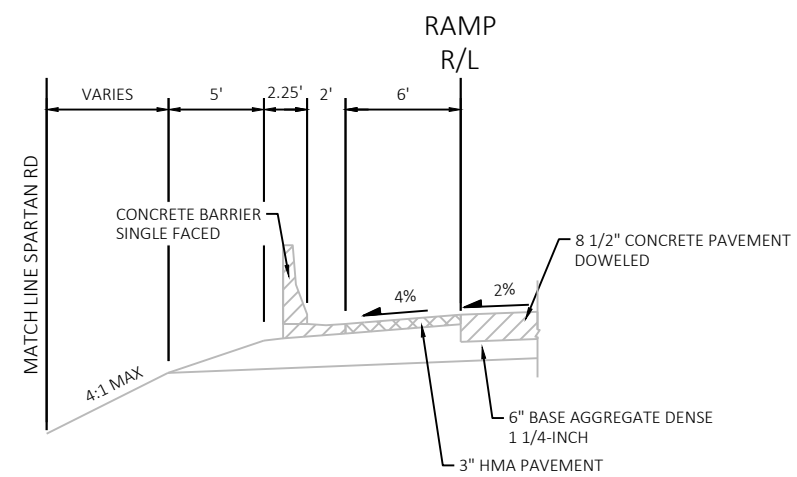
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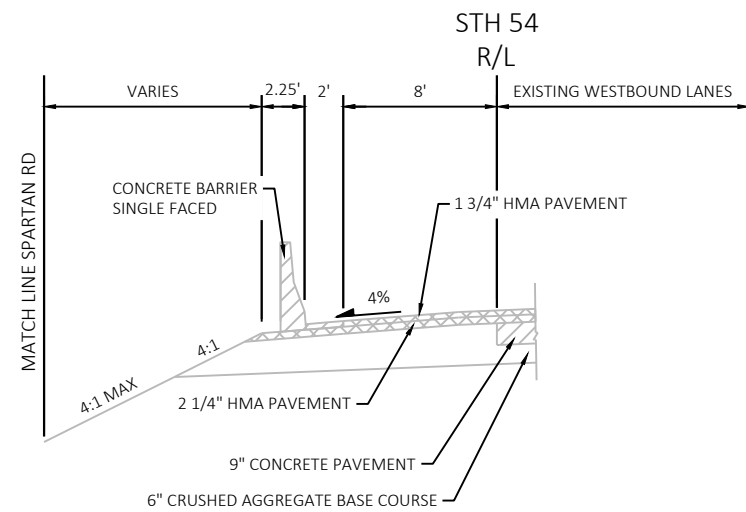
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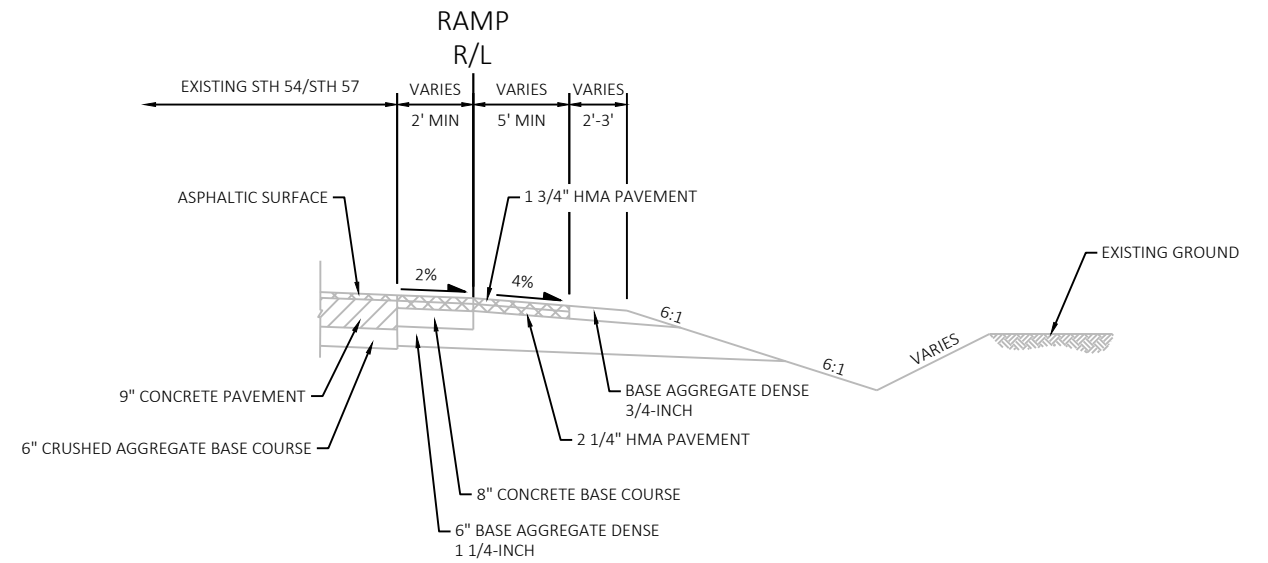
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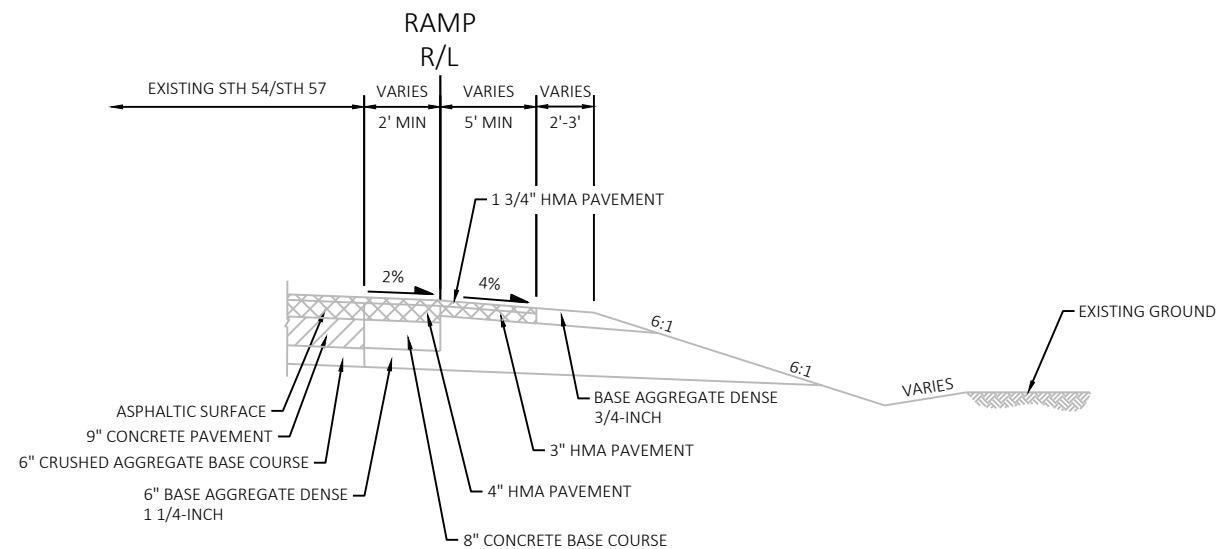
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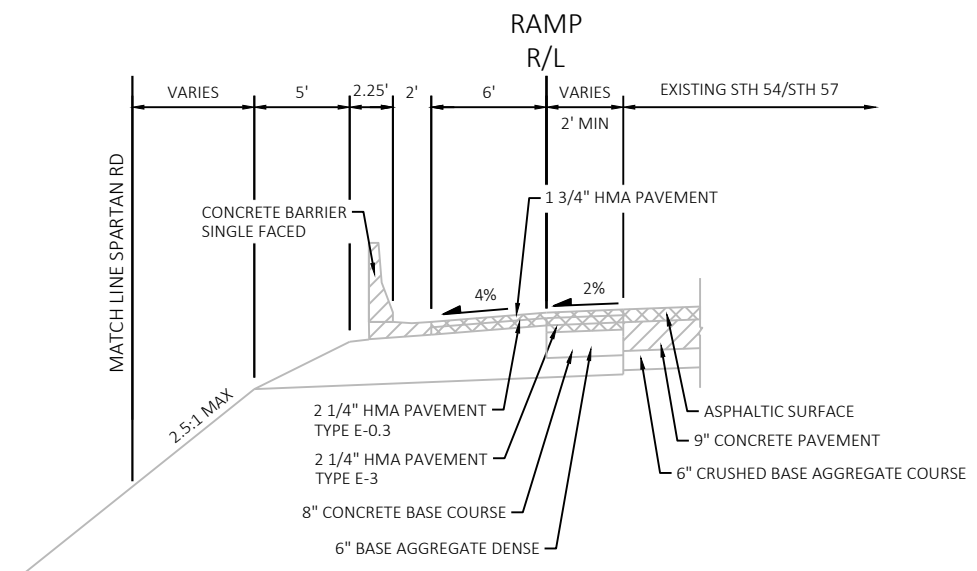
EXISTING PARTIAL TYPICAL SECTION STH 54
WESTBOUND



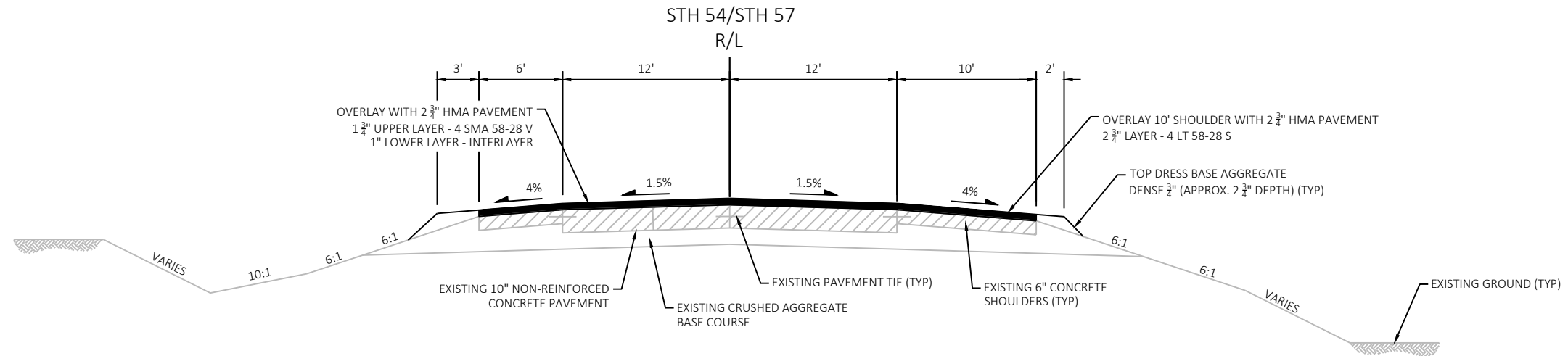
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EXISTING PARTIAL TYPICAL SECTION RAMP B AND RAMP C

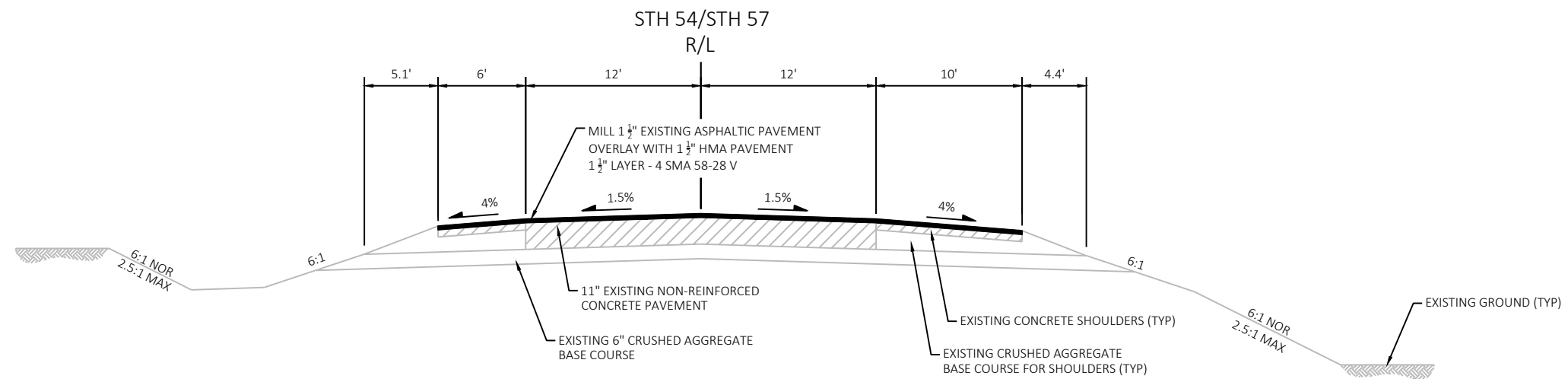


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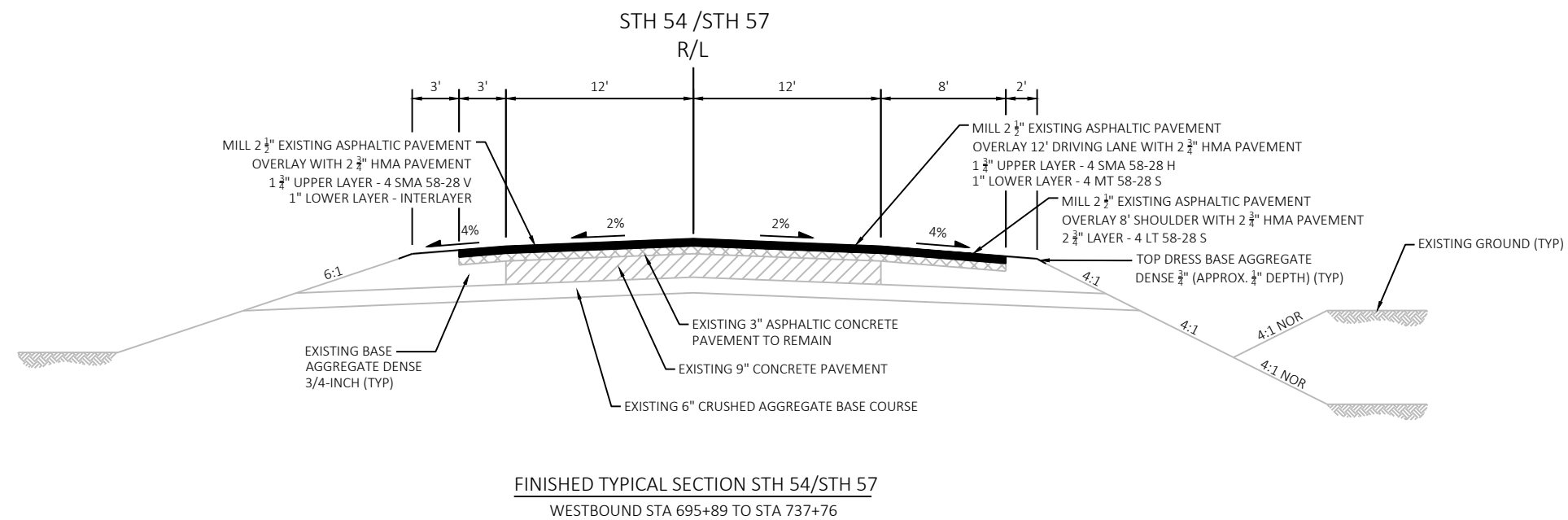
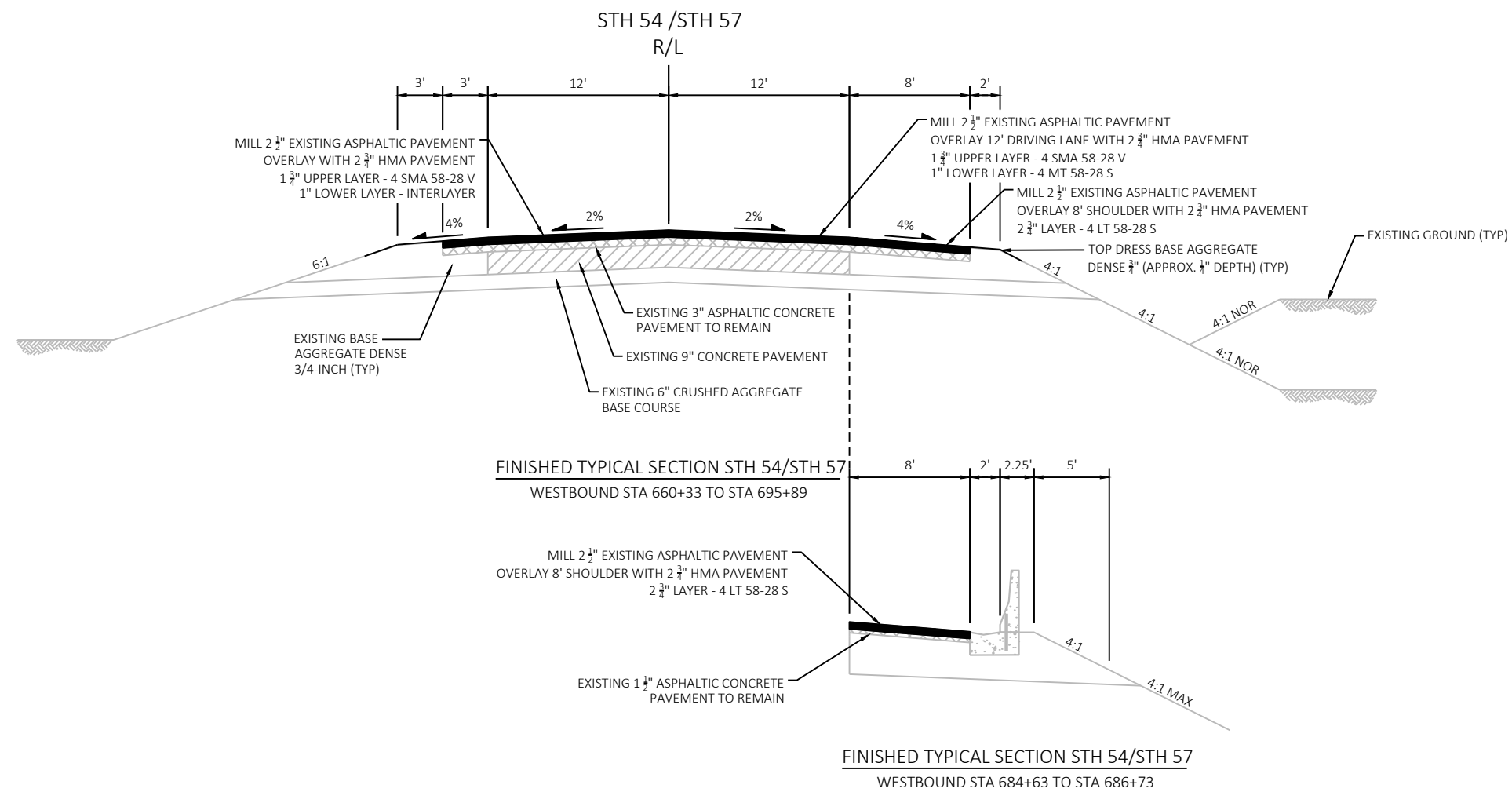
FINISHED TYPICAL SECTION STH 54/STH 57

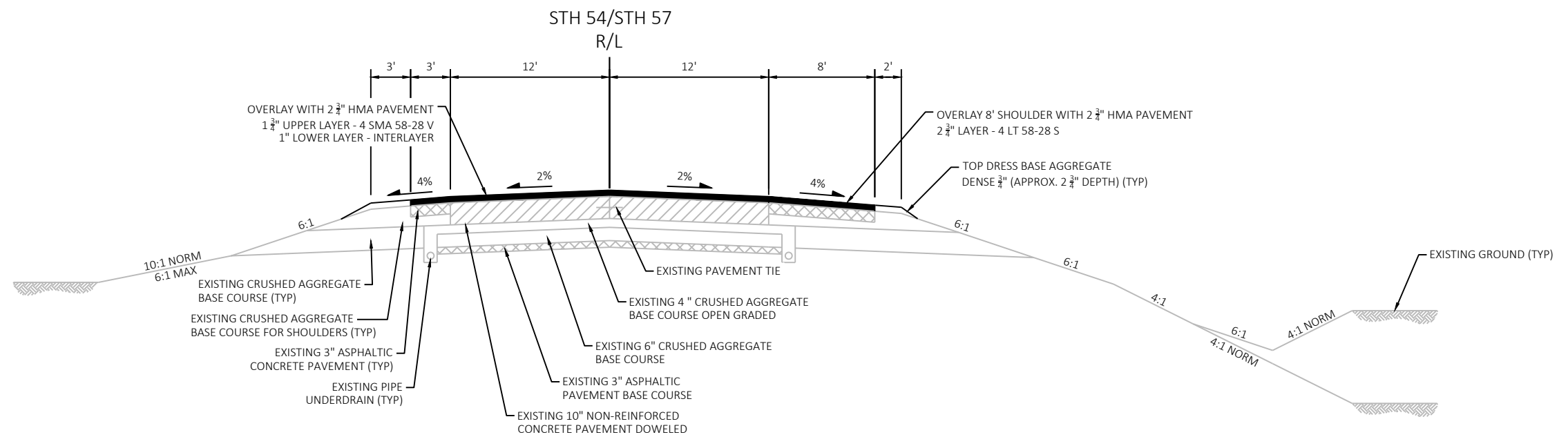
EASTBOUND STA 205+83 TO STA 269+85
WESTBOUND STA 505+82 TO STA 570+49
EASTBOUND STA 273+28 TO STA 296+70
WESTBOUND STA 574+15 TO STA 601+27



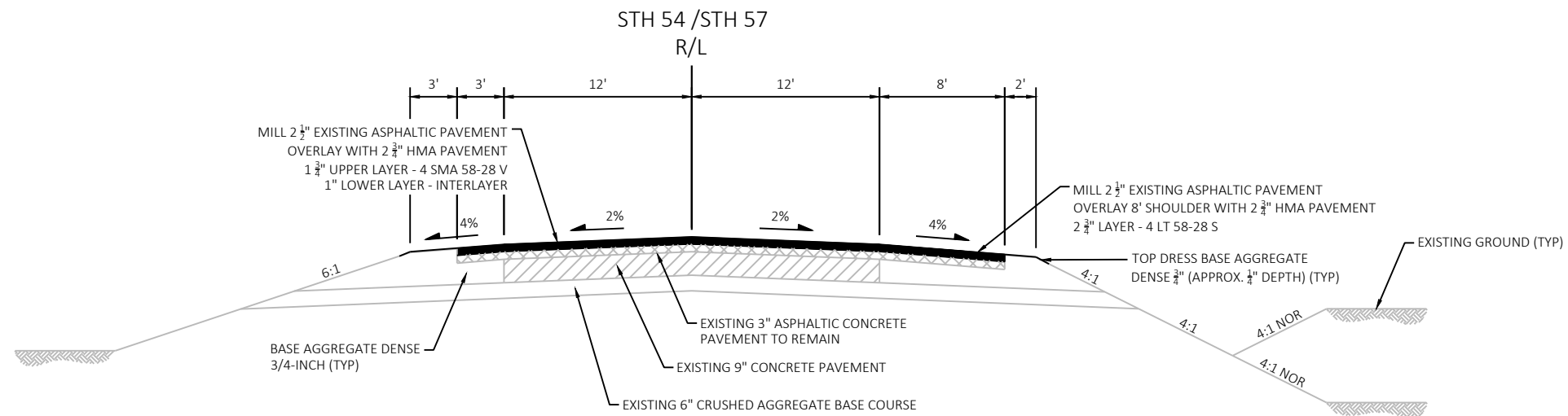
FINISHED TYPICAL SECTION STH 54/STH 57

EASTBOUND STA 269+85 TO STA 270+89
WESTBOUND STA 570+49 TO STA 571+50
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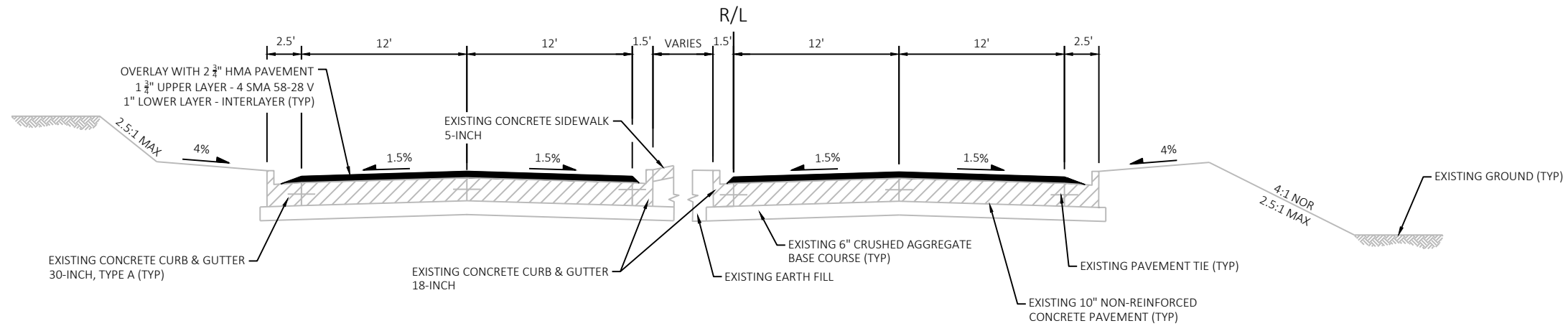




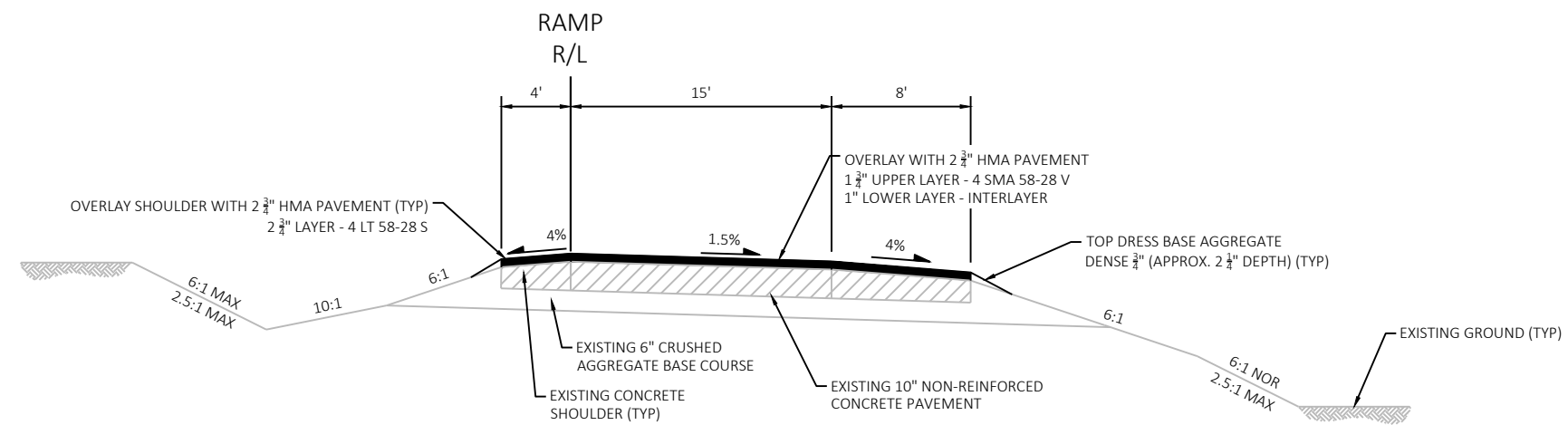
FINISHED TYPICAL SECTION STH 54/STH 57
EASTBOUND STA 296+70 TO STA 358+41



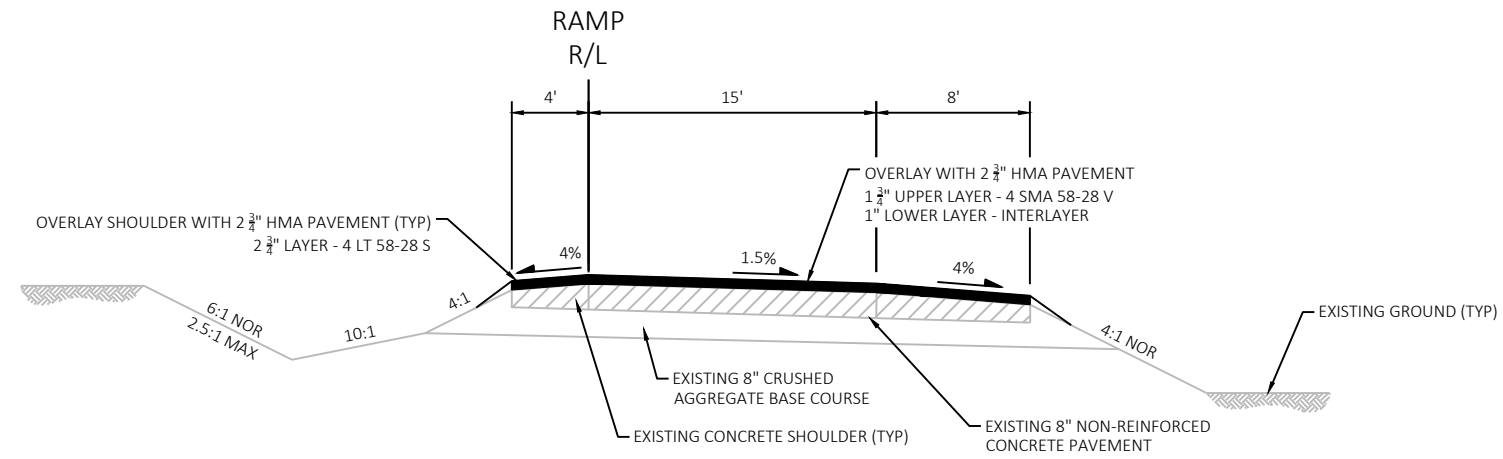
FINISHED TYPICAL SECTION STH 54/STH 57
WESTBOUND STA 601+27 TO STA 660+33
EASTBOUND STA 358+41 TO STA 438+02



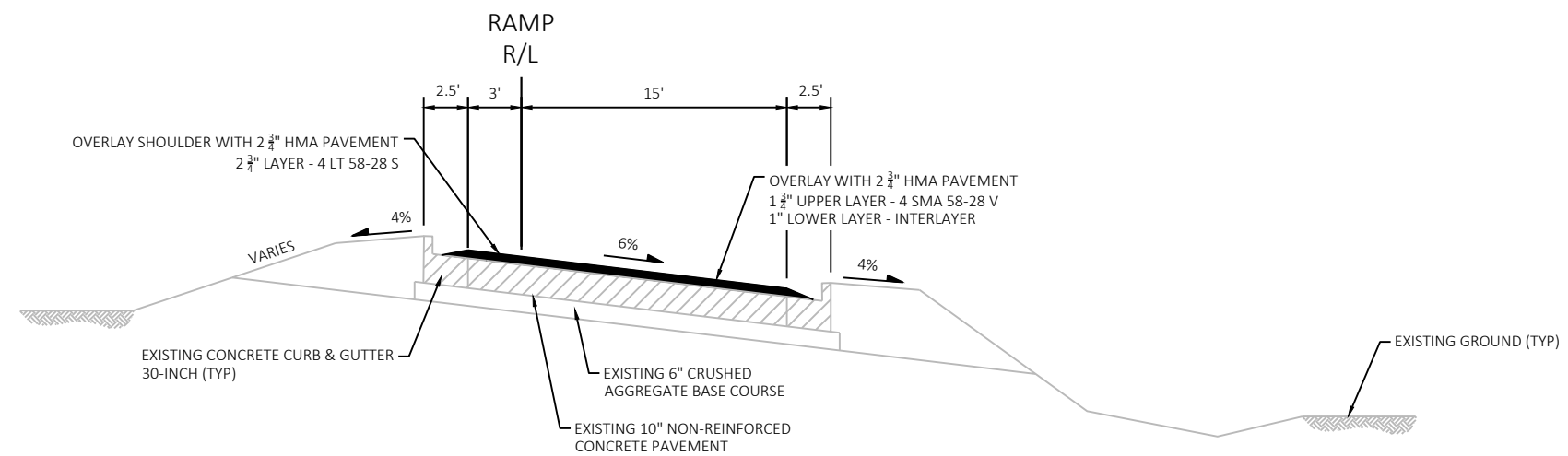
FINISHED TYPICAL SECTION UNIVERSITY AVE/NICOLET DR



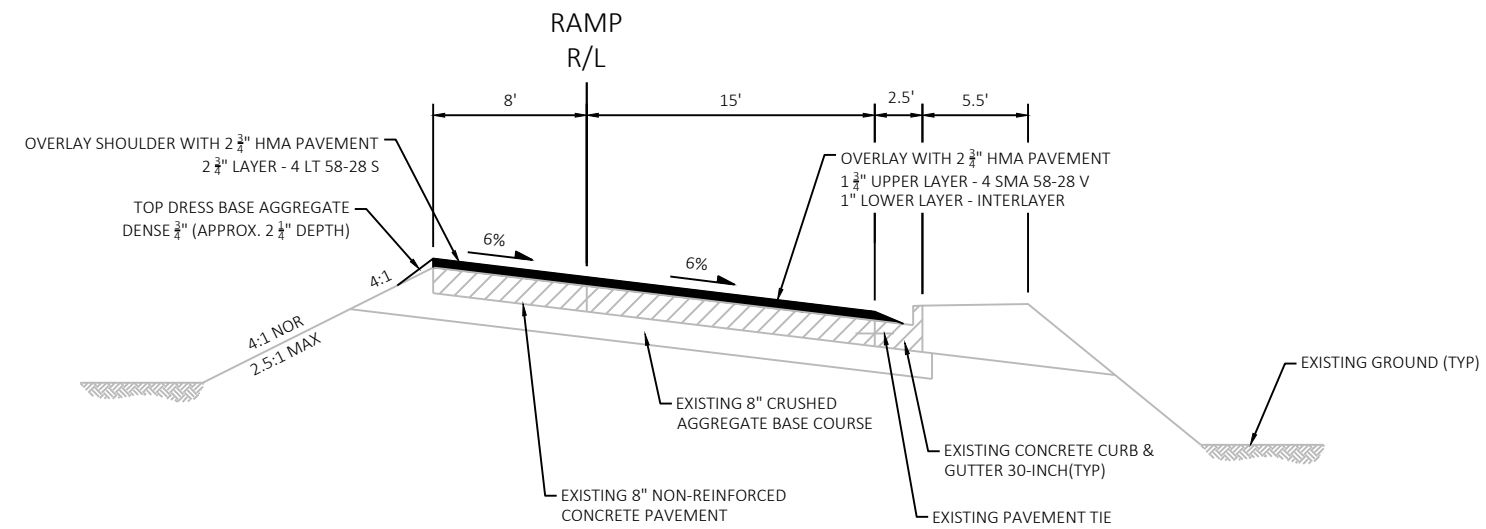
FINISHED TYPICAL SECTION FOR RAMP
UNIVERSITY AVE/NICOLET DR INTERCHANGE NW RAMP



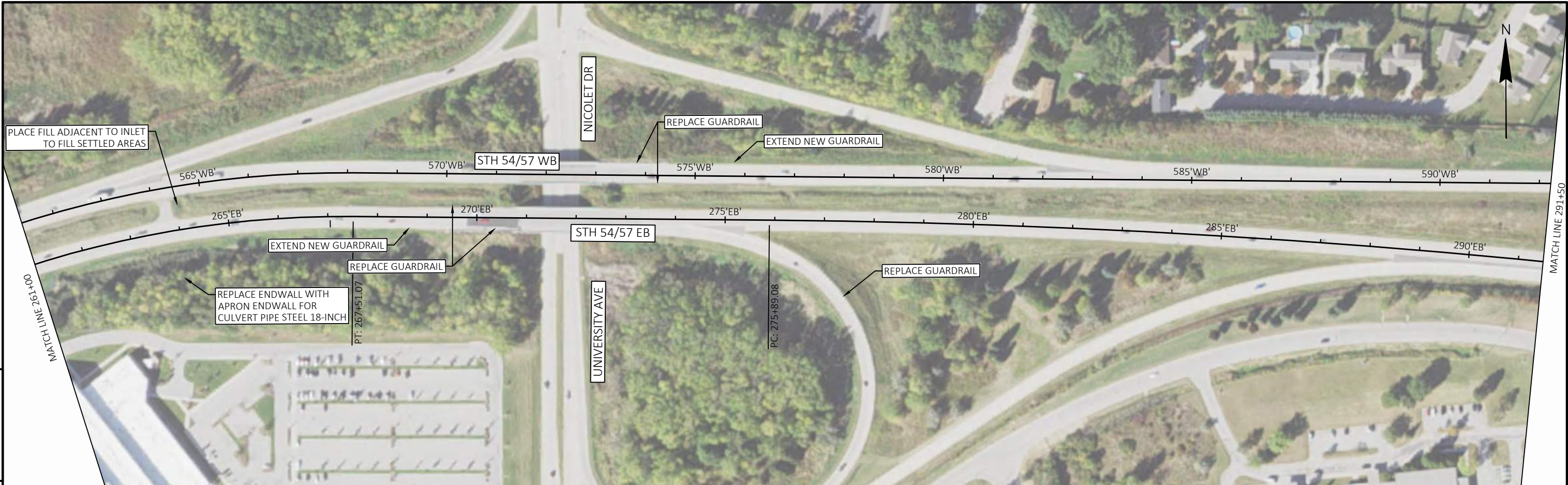
FINISHED TYPICAL SECTION FOR RAMP
UNIVERSITY AVE/NICOLET DR INTERCHANGE NE RAMP



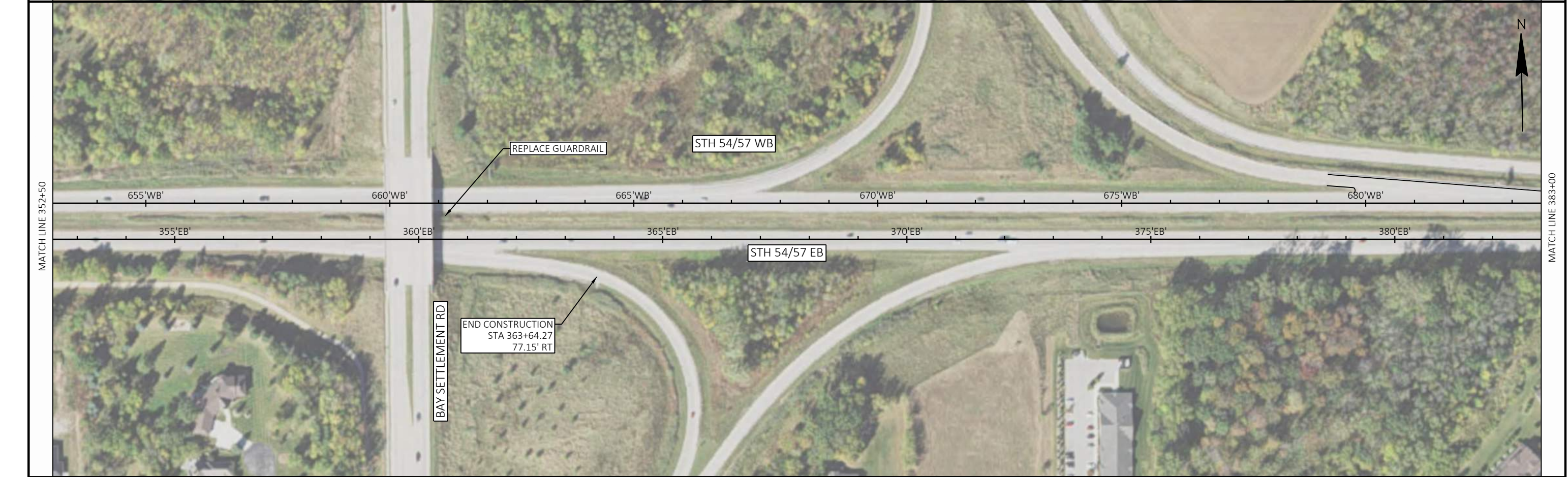
FINISHED TYPICAL SECTION FOR RAMP
UNIVERSITY AVE/NICOLET DR INTERCHANGE LOOP (LOOKING DOWN STATION)



FINISHED TYPICAL SECTION FOR RAMP
UNIVERSITY AVE/NICOLET DR SE RAMP (LOOKING DOWN STATION)



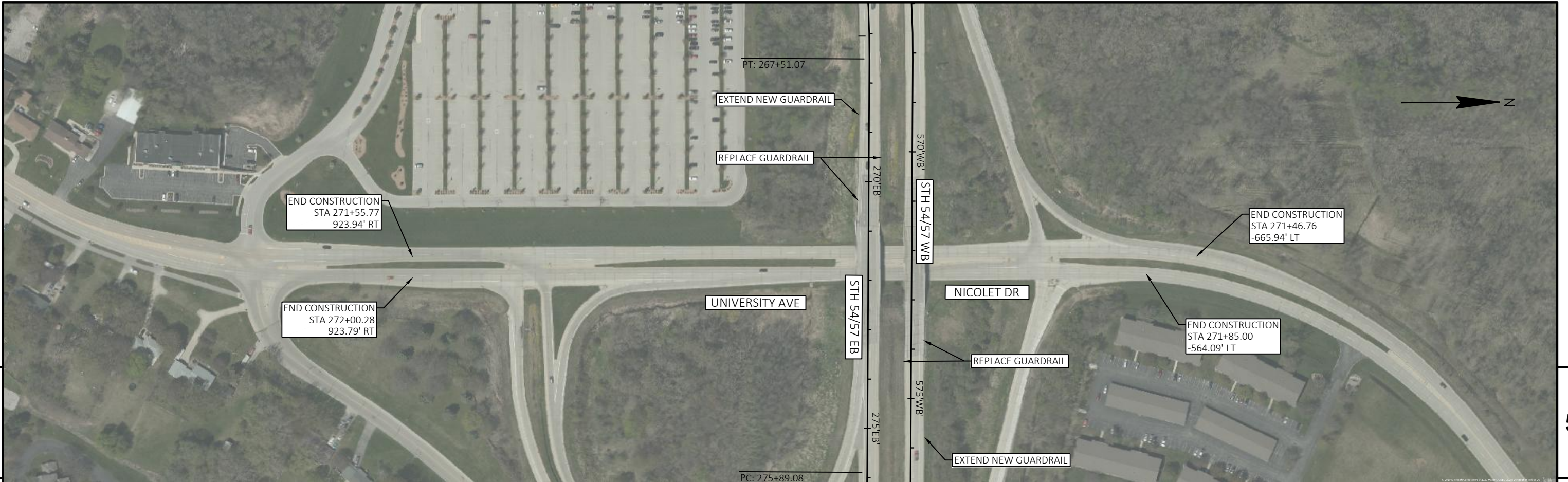
PROJECT NO: 1480-27-71	HWY: STH 54	COUNTY: BROWN	PLAN SHEETS	SHEET	5
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PROJECT NO: 1480-27-71	HWY: STH 54	COUNTY: BROWN	PLAN SHEETS	SHEET	5
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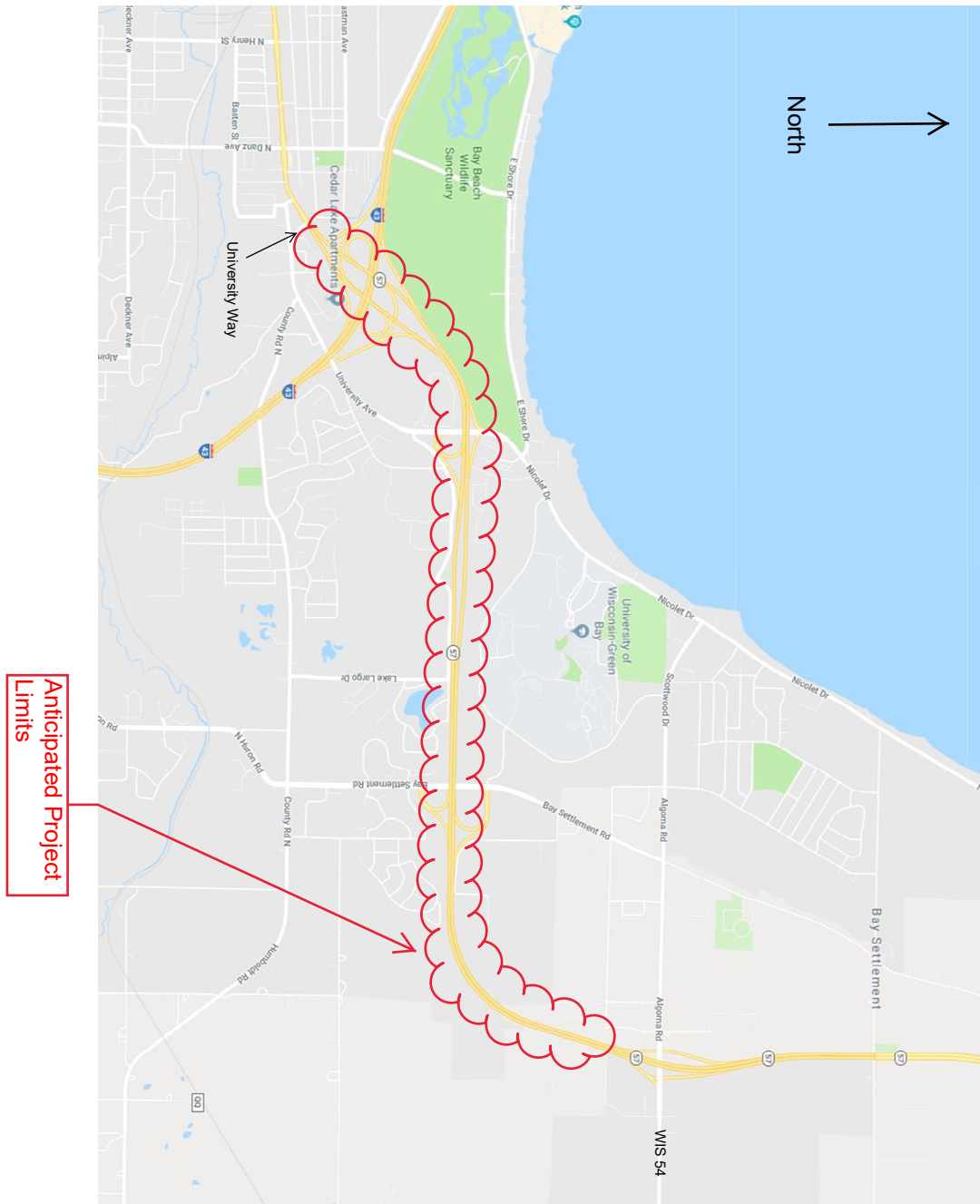


PROJECT NO: 1480-27-71	HWY: STH 54	COUNTY: BROWN	PLAN SHEETS	SHEET	E
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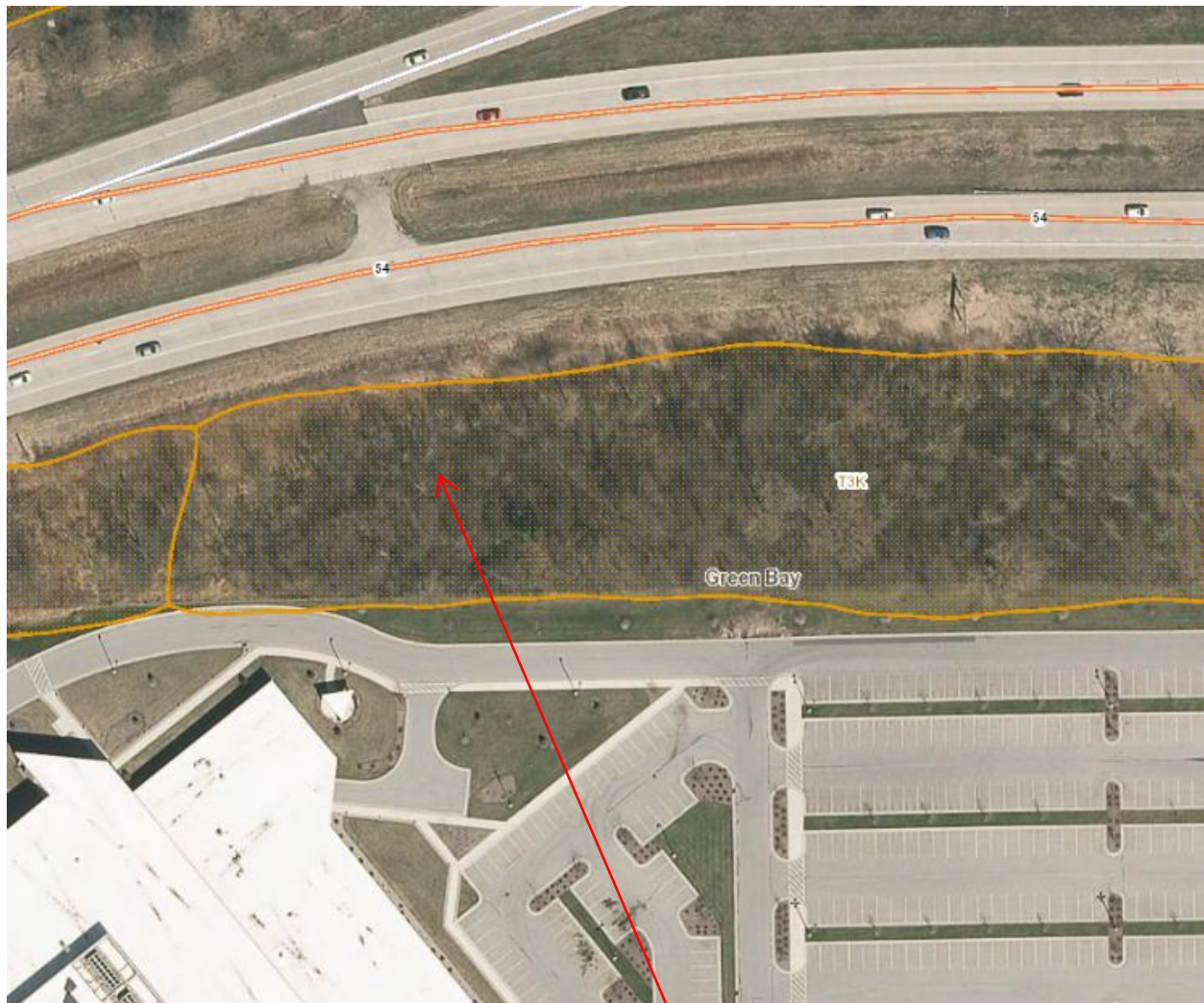
PROJECT NO: 1480-27-71	HWY: STH 54	COUNTY: BROWN	PLAN SHEETS	SHEET	E
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Project ID 1480-27-00
WIS 54
Green Bay-Luxenburg
University Way-STH 57
Brown County



Map Created from Google Maps

Wetland Map for Culvert Endwall Replacement



Approximate location
of culvert endwall
replacement.