

UTILITIES CONTACTS

LUMEN
COMMUNICATIONS
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XCEL ENERGY
ELECTRIC
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EMAIL: john.kelser@xcelenergy.com

WISCONSIN DNR LIAISON

AMY LESIK
WDNR NORTHERN REGION
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701-6127
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EMAIL: AmyL.Lesik@wisconsin.gov

WISDOT CONTACT

BILL BIESMANN, PE
WISDOT CONSULTANT PROJECT MANAGER
PHONE: 608-663-1218
EMAIL: bbiesmann@klengineering.com

GENERAL NOTES

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

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

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

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

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



Dial 811 or (800)242-8511

www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

LAND USE:	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)
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 STRIPTURF:	.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 SLOPETURF:			.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 = 0.002 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.002 ACRES

PROJECT NO: 7180-00-75

HWY: STH 35

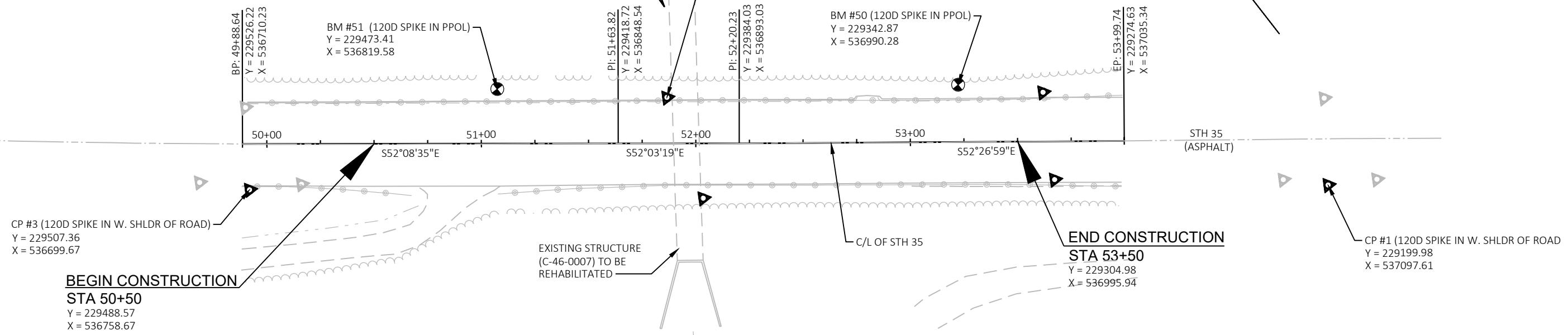
COUNTY: PEPIN

GENERAL NOTES

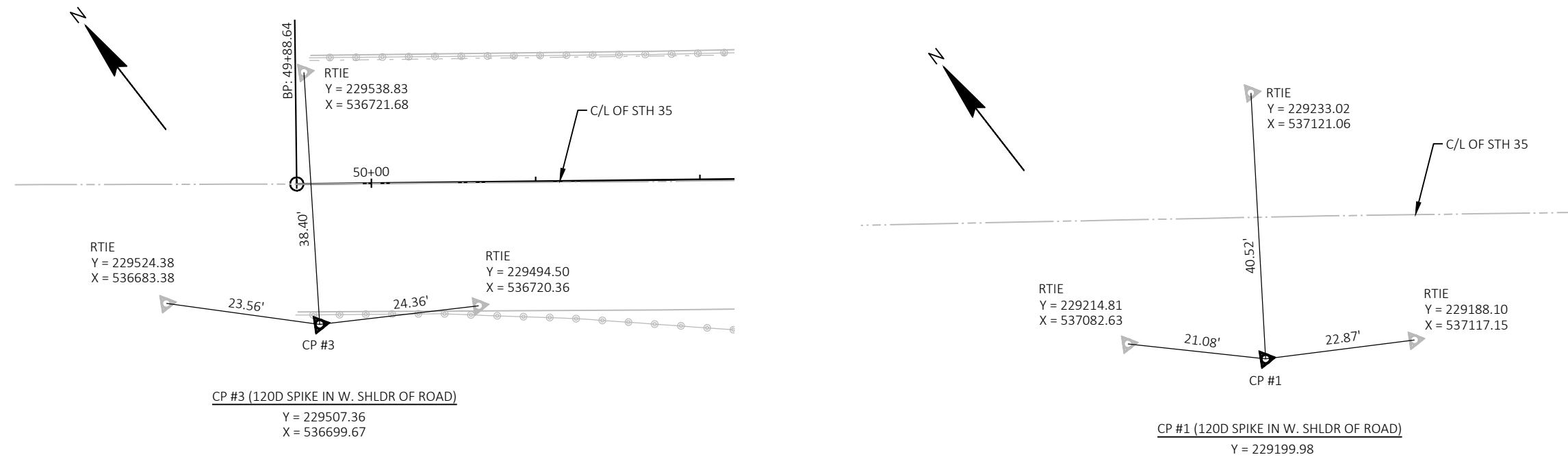
SHEET

E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
50	53+22	XXX	120D SPIKE IN PPOL, 27' LT.
51	51+07	XXX	120D SPIKE IN PPOL, 25' LT.



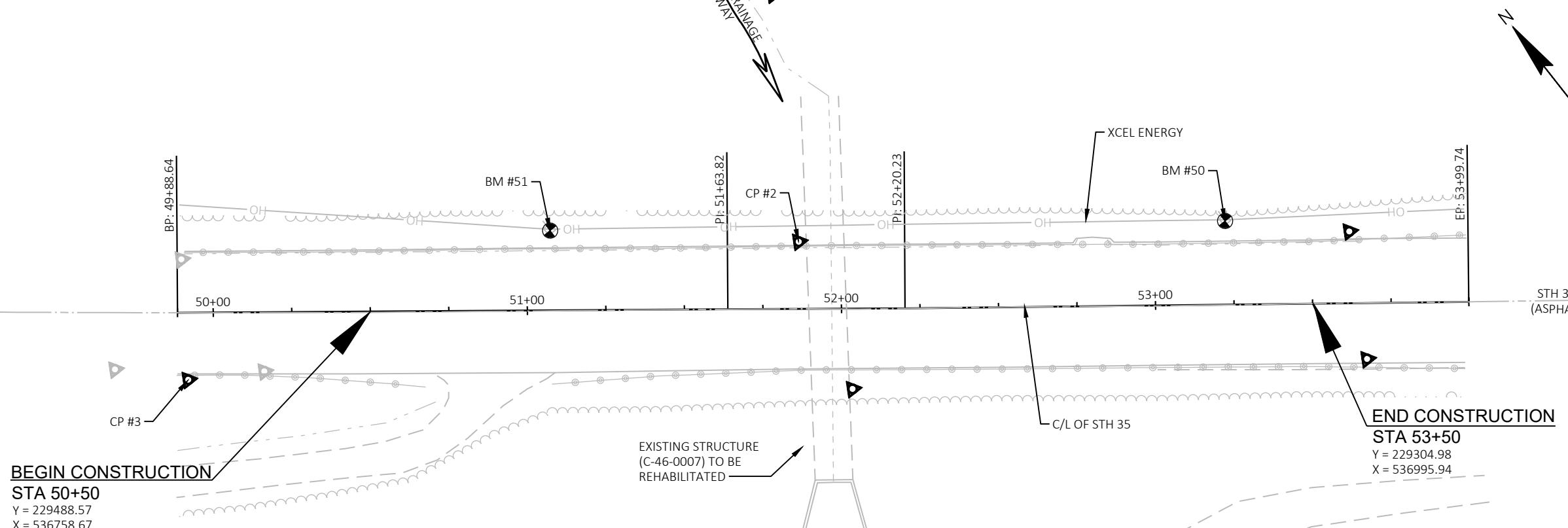
ALIGNMENT CONTROLS



ALIGNMENT TIES

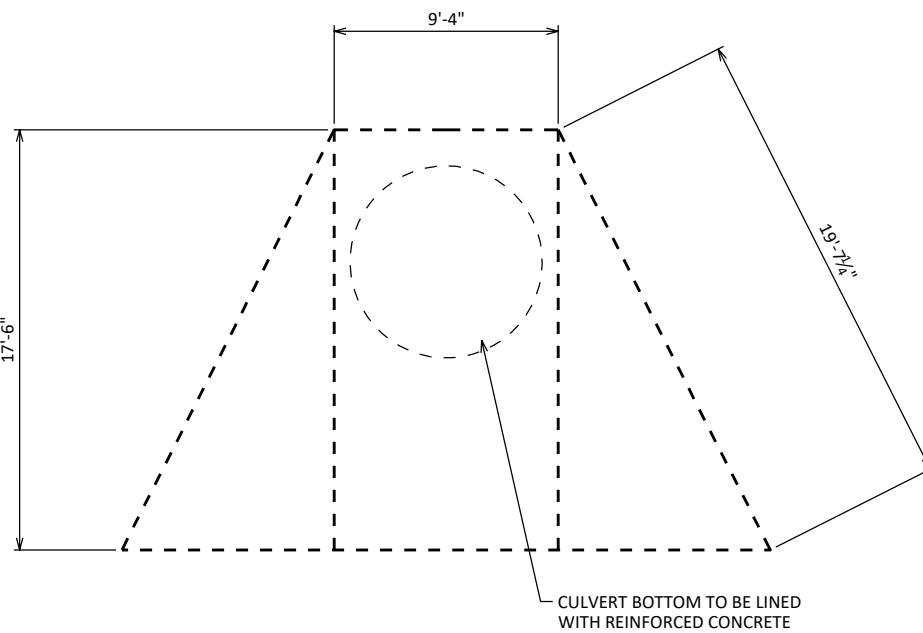
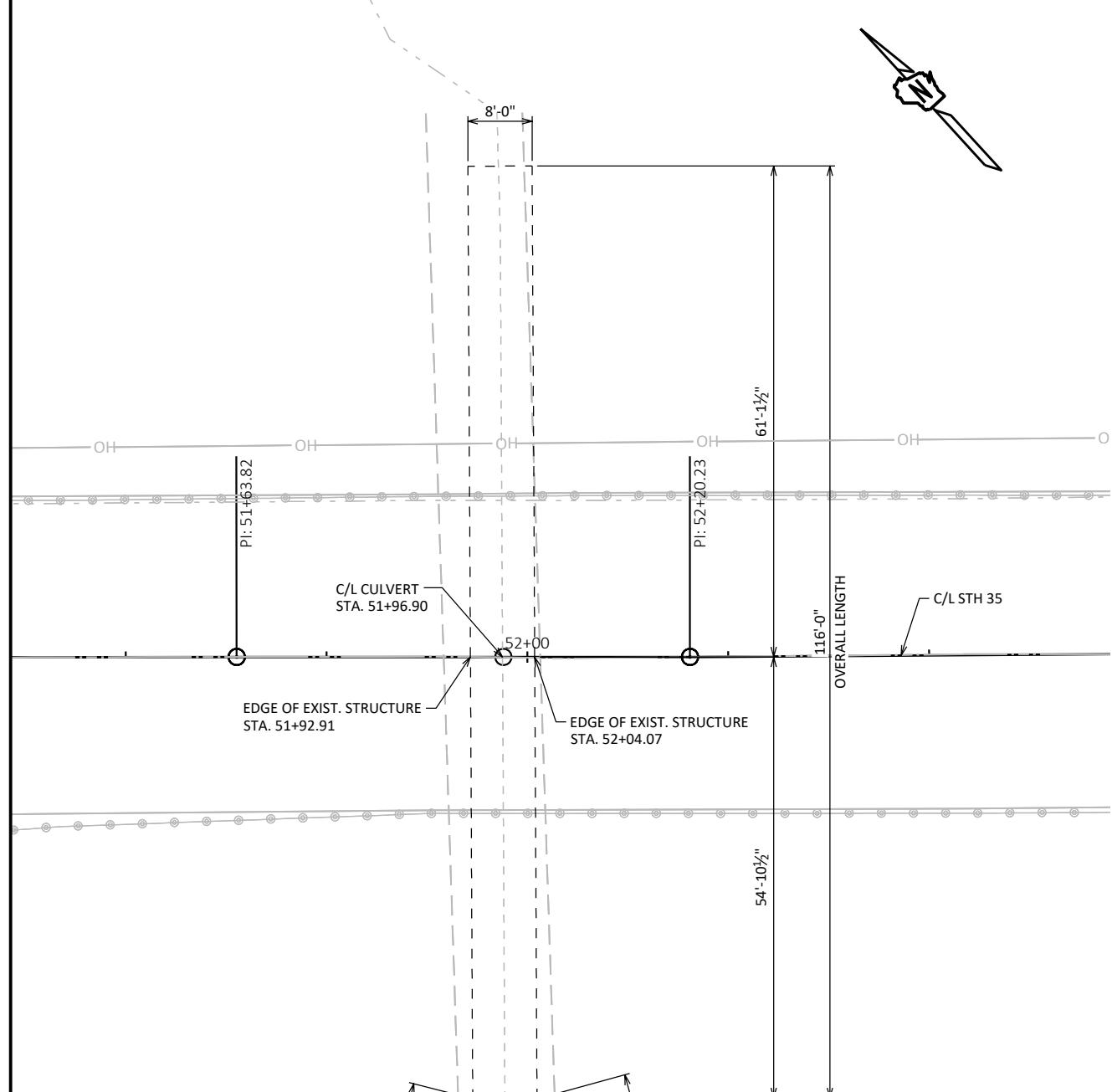
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2

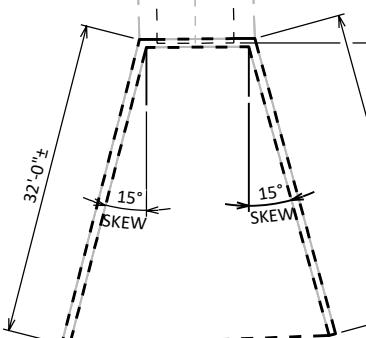


LEGEND

- EROSION MAT CLASS II (TYPE C)
- SILT FENCE
- RIP RAP
- SLOPE INTERCEPT
- TURBIDITY BARRIER
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW



ELEVATION WEST END OF CULVERT



PLAN
CULVERT REHAB CONCRETE LINING

MATERIAL PROPERTIES:

CONCRETE MASONRY:
SUPERSTRUCTURE & STRUCTURAL APPROACH SLAB $f_c = 4,000$ PSI
ALL OTHER $f_c = 3,500$ PSI

BAR STEEL REINFORCEMENT:
GRADE 60 $f_y = 60,000$ PSI
STAINLESS, GRADE 60 $f_y = 60,000$ PSI

TRAFFIC DATA

FEATURE ON:
ADT = 1300 (2027)
1400 (2047)
R.D.S. = 60 MPH

LIST OF DRAWINGS:

1. GENERAL PLANS
2. QUANTITIES, NOTES

NO.	DATE	REVISION	BY
ORIGINAL PLANS PREPARED BY			
AYRES 3433 Oakwood Hills Parkway Eau Claire, WI 54701 www.AyresAssociates.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE			
STRUCTURE C-46-07			
STH 35 OVER DRAINAGE WAY			
COUNTY	PEPIN	VILLAGE	STOCKHOLM
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATION			
DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS DRS CK'D
SHEET 1 OF 2			
GENERAL PLAN			

STRUCTURE DESIGN CONTACTS:
ARLEN BEAUDETTE 715-831-7566
AARON BONK 608-261-0261

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
SPV.0060	CLEANING AND INSPECTING CULVERTS FOR LINER VERIFICATION AND INSTALLATION	EACH	
SPV.0090	CULVERT INVERT PAVING, STA 81+13	LF	

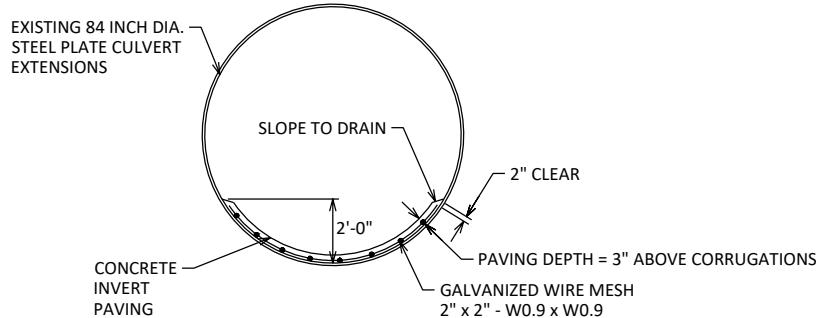
STATE PROJECT NUMBER

7180-00-75

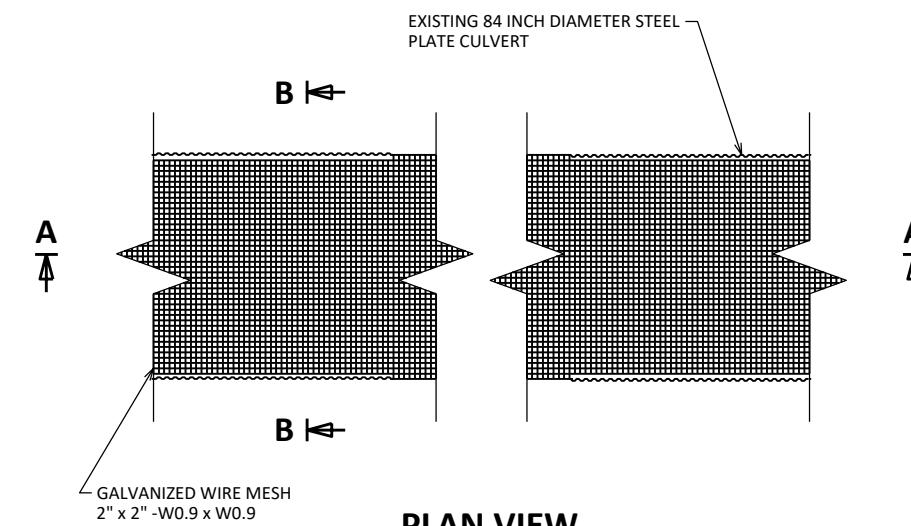
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

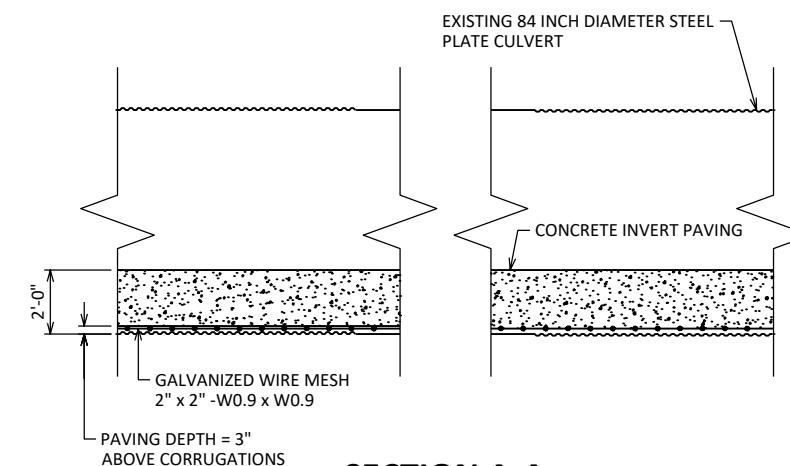
CONCRETE AND WIRE MESH QUANTITIES ARE INCIDENTAL TO "CULVERT INVERT PAVING".



SECTION B-B



PLAN VIEW



SECTION A-A

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-46-07			
DRAWN BY DRS PLANS CK'D			
QUANTITIES, NOTES	SHEET 2 OF 2		