

PROJECT ID:
7180-00-75

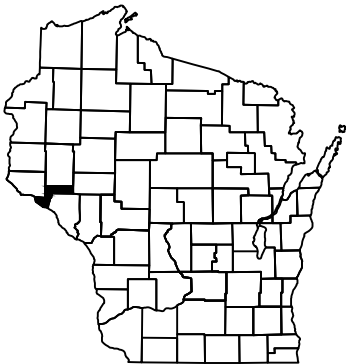
COUNTY:
PEPIN

WITH: 7180-00-76

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.	(2027)	=	1,300
A.A.D.T.	(2047)	=	1,400
D.H.V.		=	
D.D.		=	
T.		=	
DESIGN SPEED		=	60 MPH
ESALS		=	

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	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

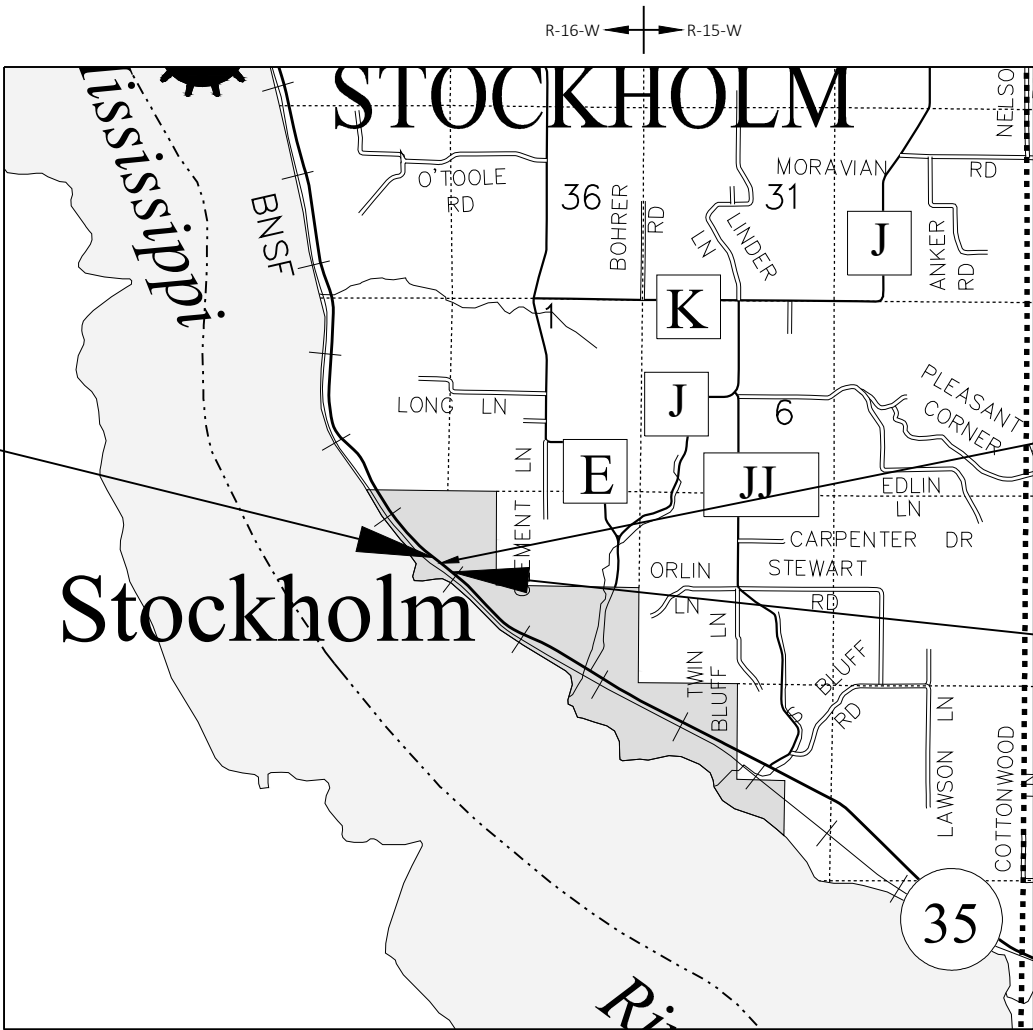
PLAN OF PROPOSED IMPROVEMENT

PEPIN - HAGER CITY

DRAINAGE WAY CULVERT C-46-0007

STH 35
PEPIN COUNTY

STATE PROJECT NUMBER
7180-00-75



LAYOUT
SCALE 0 1 MI
TOTAL NET LENGTH OF CENTERLINE = 0.000 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), PEPIN 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 18.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7180-00-75		

ORIGINAL PLANS PREPARED BY

AYRES

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	AYRES ASSOCIATES INC
Designer	AYRES ASSOCIATES INC
Project Manager	PROJECT MANAGER
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	REGIONAL SUPERVISOR

APPROVED FOR THE DEPARTMENT
DATE: (Signature)

E

UTILITIES CONTACTS

LUMEN
COMMUNICATIONS
ATTN: CHUCK BRUN
5475 MEREDITH DRIVE
DES MOINES, IA 50131
PHONE: 515-336-6310
EMAIL: Charles.Brun@lumen.com
relocations@lumen.com
relocations@brightspeed.com

XCEL ENERGY
ELECTRIC
ATTN: JOHN KELSER
1414 W. HAMILTON AVENUE
PO BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-737-6020
EMAIL: john.kelser@xcelenergy.com

WISCONSIN DNR LIAISON

AMY LESIK
WDNR NORTHERN REGION
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701-6127
PHONE: 715-495-1903
EMAIL: AmyL.Lesik@wisconsin.gov

WISDOT CONTACT

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

DESIGN PROJECT LEADER

ARLEN BEAUDETTE
AYRES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
PHONE: 715-834-3161
EMAIL: beaudettea@AyresAssociates.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.



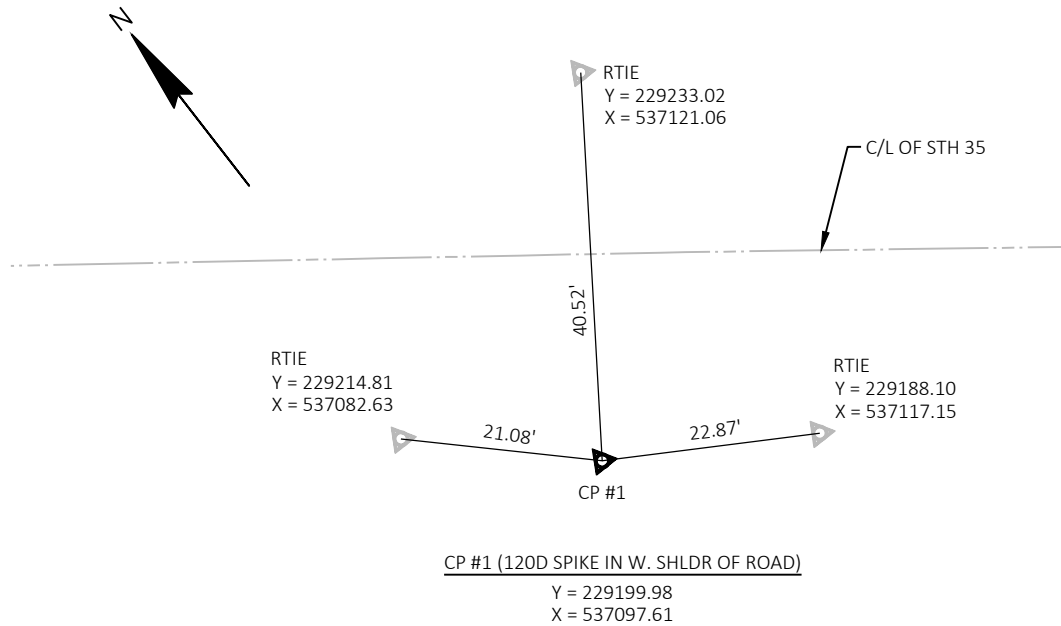
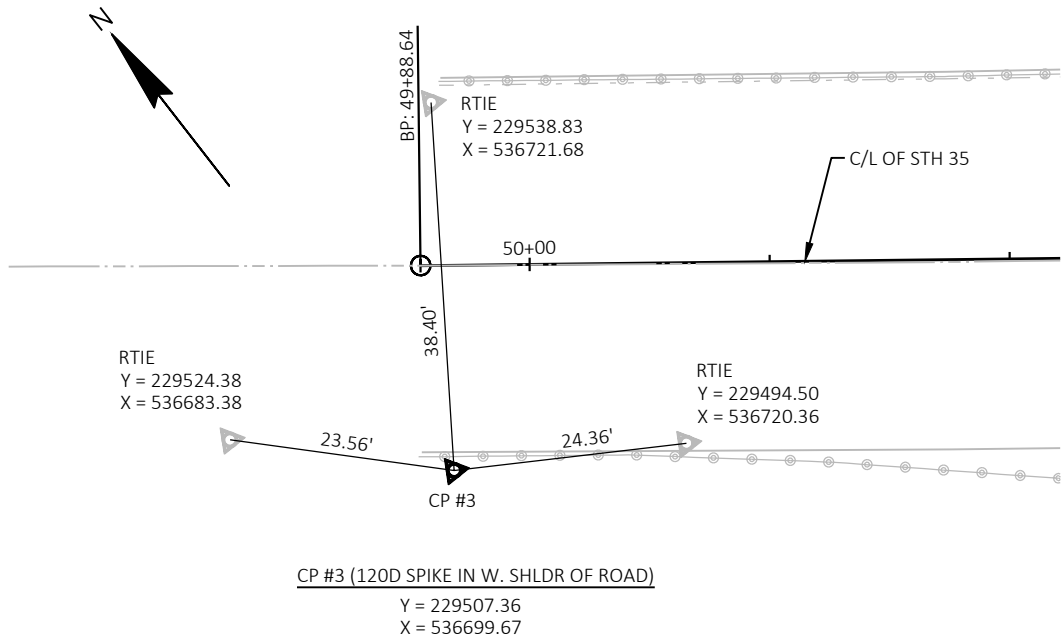
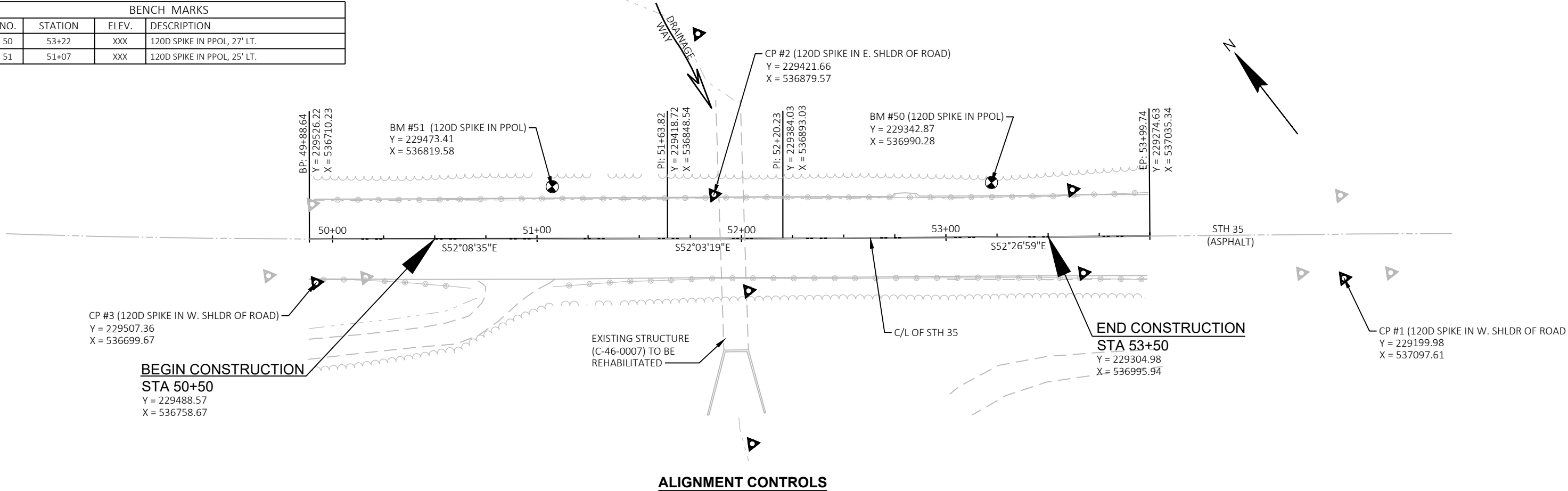
Dial  or (800)242-8511
www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

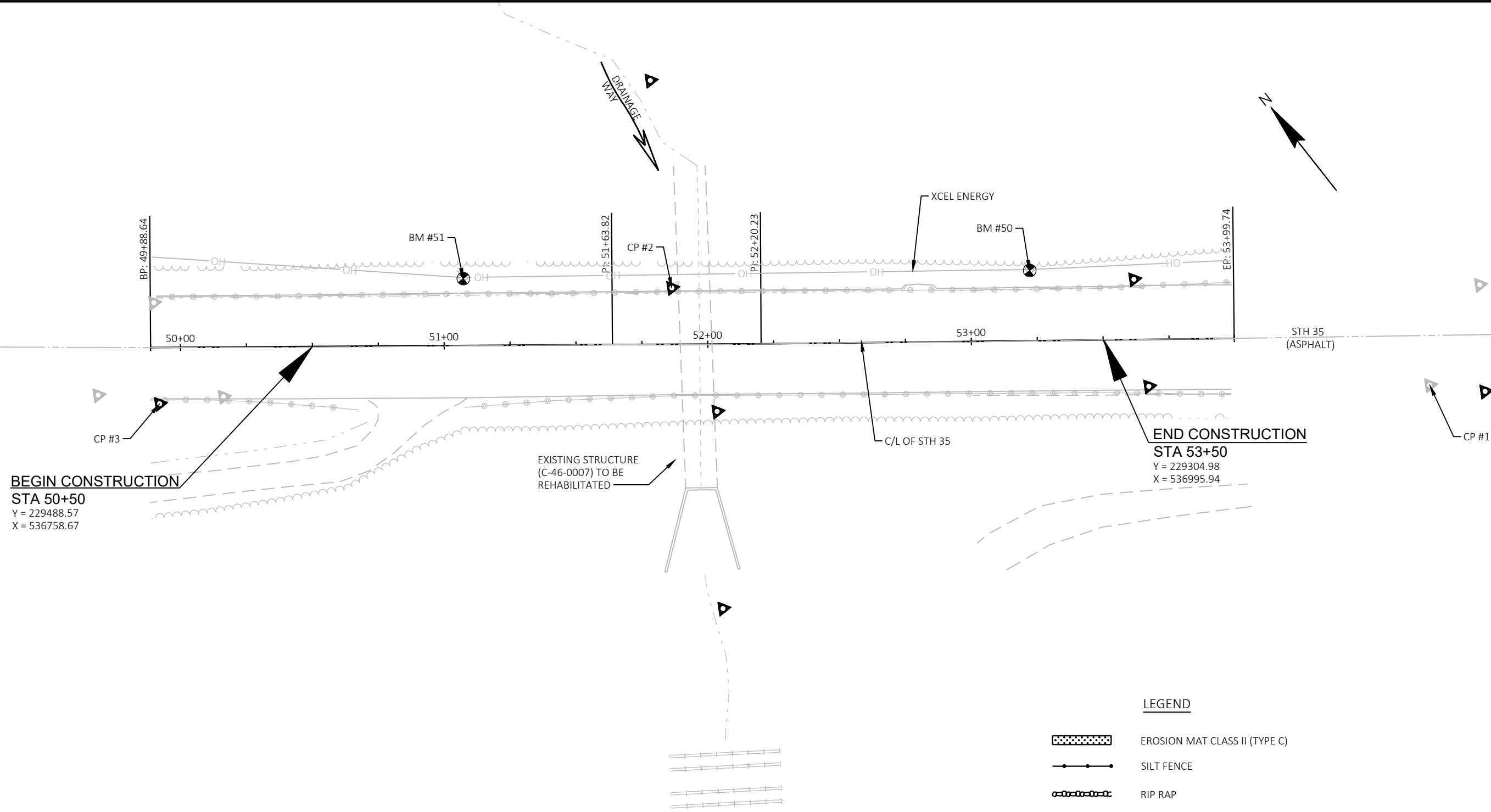
LAND USE:	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.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

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 TIES



LEGEND

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

MATERIAL PROPERTIES:

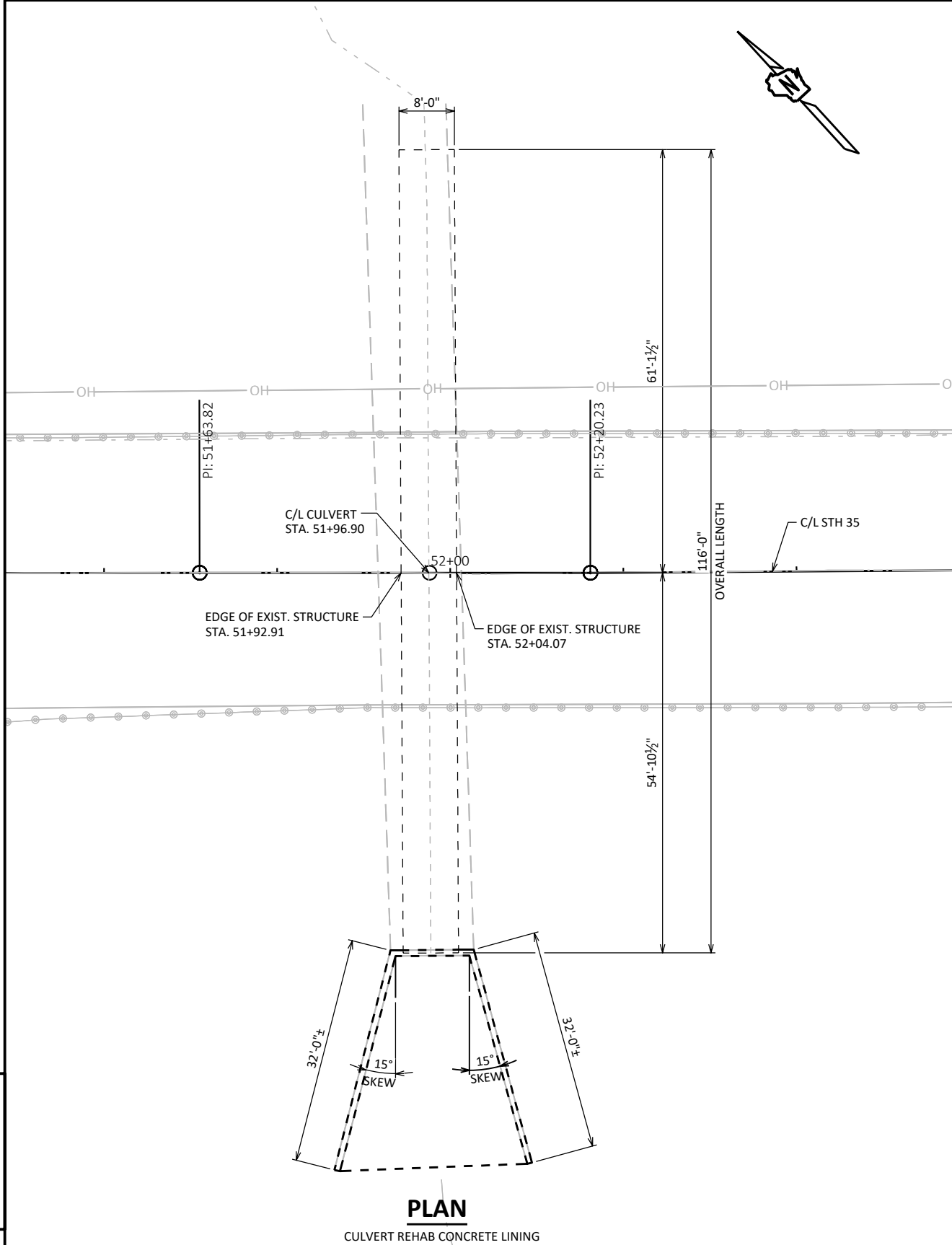
CONCRETE MASONRY:
SUPERSTRUCTURE & STRUCTURAL APPROACH SLAB $f_c = 4,000$ PSI
ALL OTHER $f_c = 3,500$ PSI

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

TRAFFIC DATA

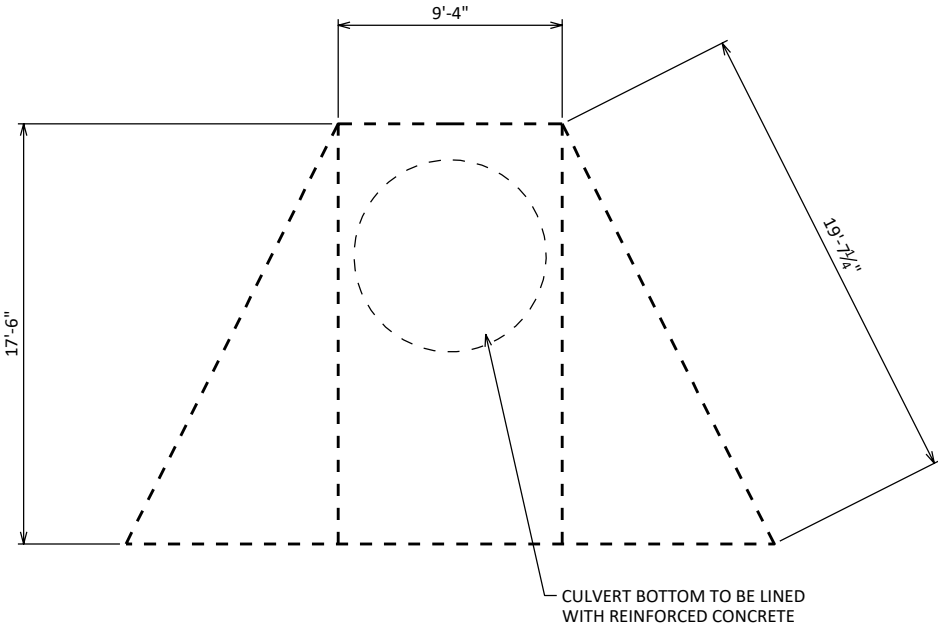
FEATURE ON:

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



PLAN

CULVERT REHAB CONCRETE LINING



ELEVATION WEST END OF CULVERT

LIST OF DRAWINGS:

- GENERAL PLANS
- 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 CK'D	
GENERAL PLAN						SHEET 1 OF 2	

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	

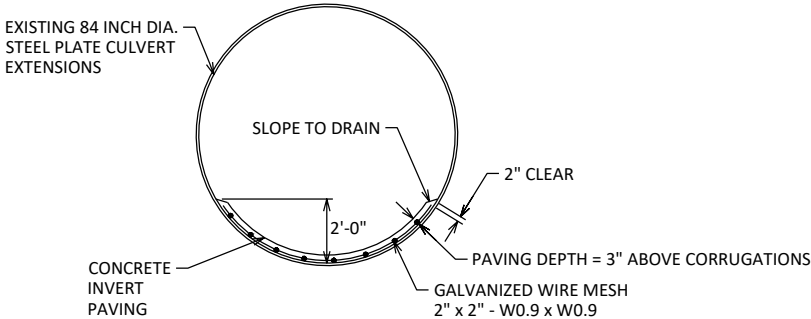
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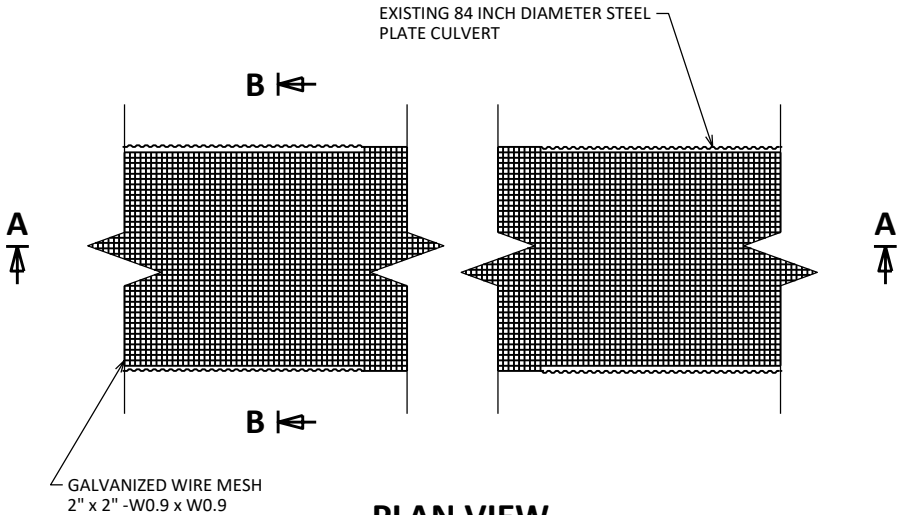
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

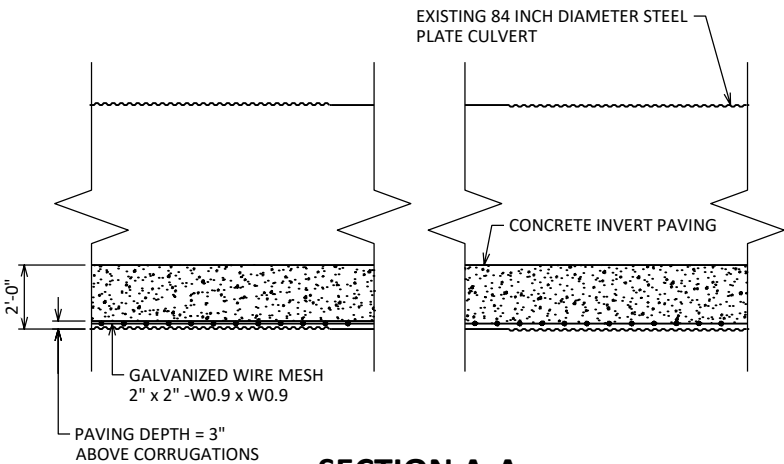
CONCRETE AND WIRE MESH QUANTITIES ARE INCIDENTAL TO "CULVERT INVERT PAVING".



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