

LA CROSSE COUNTY

I.D. 5991-02-19

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TOTAL SHEETS =

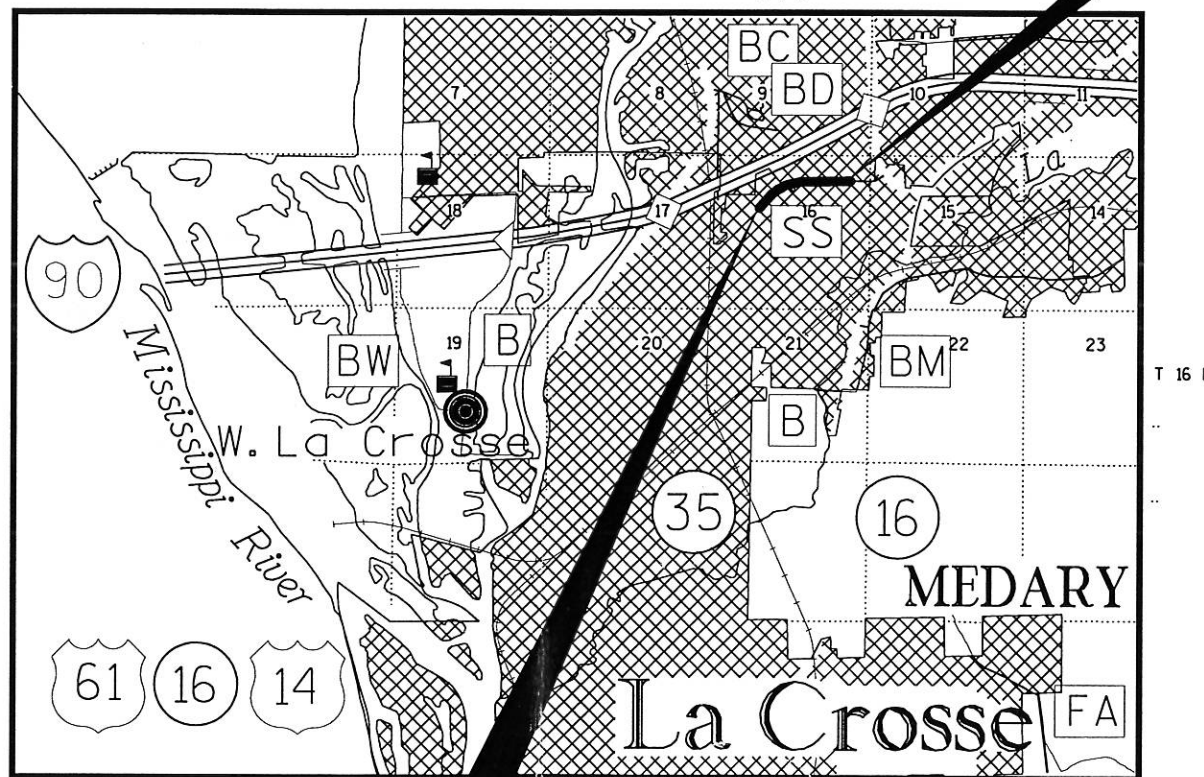
STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 WCPL - 12TH AVENUE,
 CITY OF ONALASKA

STATE PROJECT		FEDERAL PROJECT	
5991-02-19		PROJECT	CONTRACT

C.T.H. SS
 LA CROSSE COUNTY

STATE PROJECT NUMBER
 5991-02-19

END PROJECT
 STA 10+397.500



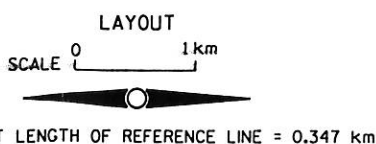
DESIGN DESIGNATION

A.D.T. 1998 (CONSTRUCTION)	= 9,200
A.D.T. 2018 (DESIGN)	= 6,100
D.H.V.	= 647
D.	= 55-45%
T.	= 6.0%
DESIGN SPEED	= 60 kmph
ESALS	= 1,146,100

CONVENTIONAL SYMBOLS

COUNTY LINE		COMBUSTIBLE FLUIDS	
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE		GAS	
LOT LINE		ELECTRIC	
LIMITED EASEMENT		TELEPHONE OR TELEGRAPH	
EXISTING RIGHT OF WAY		STORM SEWER	
PROPOSED OR NEW R/W LINE		SANITARY SEWER	
SURVEY LINE		FIBER OPTIC	
SLOPE INTERCEPT		SERVICE PEDESTAL	
ORIGINAL GROUND		CABLE MARKER	
MARSH OR ROCK PROFILE		POWER POLE	
EXISTING CULVERT		TELEPHONE POLE	
PROPOSED CULVERT (Box or Pipe)		RAILROAD	
CULVERT (Profile View)		MARSH AREA	
EROSION BALES		WOODED OR SHRUB AREA	
		EROSION MAT	
		SILT FENCE	

BEGIN PROJECT
 STA 10+050
 N 9960.821
 E 9656.205



ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NATIONAL VERTICAL DATUM OF 1929
 ALL COORDINATES ON THIS PLAN ARE BASED ON A LOCAL PROJECT COORDINATE SYSTEM

ACCEPTED FOR
 CITY OF ONALASKA
 3-30-98
 DATE: 3/30/98
 (Signature and Title of Official)

ORIGINAL PLAN PREPARED BY
 WISCONSIN PROFESSIONAL ENGINEER
 BRIAN M. ANDREAS
 E-28413
 Madison, WI
 STRAND ASSOCIATES
 CONSULTING ENGINEERS
 Madison, Wisconsin 53715

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 PREPARED BY
 Surveyor STRAND
 Designer STRAND
 District Examiner STEVE FLOTTMEYER
 District Supervisor RON PUESTOW
 Proj. Dev. Engineer
 C.O. Examiner

APPROVED FOR DISTRICT OFFICE
 DATE: 3/30/98
 (Signature and Title of District Design Supervisor)

ABBREVIATIONS

B.	BARN
COR.	CORNER
C.S.C.P.	CORRUGATED STEEL CULVERT PIPE
C.S.P.A.	CORRUGATED STEEL PIPE ARCH
D.H.V.	DESIGN HOURLY VOLUME
V.	DESIGN SPEED
DIA.	DIAMETER
DIM.	DIMENSION
e.	EXTERNAL DISTANCE
E.	EAST
EL. OR ELEV.	ELEVATION
E.S.A.L.	EQUIVALENT SINGLE AXLE LOAD
E.O.P.	EDGE OF PAVEMENT
G.	GARAGE
H.	HOUSE
H.P.	HIGH POINT
I.P.	IRON PIN
D.	LANE DISTRIBUTION
L.	LENGTH (OF CURVE)
L.H.F.	LEFT HAND FORWARD
L.C.	LONG CHORD
L.P.	LOW POINT
MAX.	MAXIMUM
M.D.	MEDIAN DRAIN
MIN.	MINIMUM
NOR.	NORMAL
N.	NORTH
T.	PERCENT OF TRUCKS
P.L.E.	PERMANENT LIMITED EASEMENT
P.L.	PROPERTY LINE
R.C.A.P.	REINFORCED CONCRETE ARCH PIPE
R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
R.H.F.	RIGHT HAND FORWARD
RD.	ROAD
S.	SHED
SHR.	SHRINKAGE
S.E.	SUPERELEVATION
S.P.B.G.	STEEL PLATE BEAM GUARD
SL. ST.	SLOPED STEEL
TEL.	TELEPHONE
T.L.E.	TEMPORARY LIMITED EASEMENT
TN.	TOWN
TRANS.	TRANSITION
VOL.	VOLUME
W.	WEST

METRIC STANDARD DETAIL DRAWINGS

8A5-14a	INLET COVERS
8A5-14d	INLET AND MANHOLE COVERS
8B6-3	MANHOLES, TYPE 1
8C1-5	INLETS, TYPES 1, 2, 3 AND 4
8D5-8	CURB RAMPS
8E8-2	TYPICAL INSTALLATIONS OF EROSION BALES
8E9-5	SILT FENCE
8F1-11	APRON ENDWALLS FOR CULVERT PIPE
8F4-5	JOINT TIES FOR CONCRETE PIPE
15C2-3	BARRICADES AND SIGNS FOR ROAD CLOSURES
15C8-7a	PAVEMENT MARKING (MAINLINE)

CORING LOG

CORE NUMBER	STATION	LOCATION	ASPHALT	CONCRETE
			THICKNESS	THICKNESS
			mm	mm
B-1	10+080	2.5 m RT	51	---
B-2	10+240	0.5 m LT	57	---
B-3	10+360	2.5 m RT	89	---

GENERAL NOTES

CURVE DATA IS BASED ON THE ARC DEFINITION

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY AND EASEMENTS SHALL BE FERTILIZED AND SODDED.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

FILL AS SHOWN ON THE PLANS PERTAINS TO EMBANKMENTS CONSTRUCTED FROM BORROW AND UNCLASSIFIED EXCAVATION. THE FACTOR USED FOR EXPANDING THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 1.25.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE, BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. EXACT LOCATIONS OF EBS WILL BE DETERMINED BY THE ENGINEER.

WHEN THE QUANTITY OF ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE M_q, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER.

RADIUS DIMENSIONS ON CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

TAPER END 3.0 m OF CURB AND GUTTER FROM 0 TO 150 mm IN CURB HEAD HEIGHT.

SILT FENCE, SANDY SOIL, TO BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE 140 mm ASPHALTIC CONCRETE PAVEMENT SHALL CONSIST OF TWO 50 mm LOWER LAYERS AND ONE 40 mm UPPER LAYER.

TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION RATE OF 0.113 LITERS PER SQUARE METER AND SHALL BE PLACED BETWEEN ALL LAYERS OF ASPHALTIC PAVEMENT.

ASPHALTIC MATERIAL FOR PLANT MIX HAS BEEN ESTIMATED AT 6.0% OF THE ASPHALTIC CONCRETE PAVEMENT.

WHEN PORTIONS OF THE EXISTING ASPHALTIC ROADWAY OR ASPHALTIC DRIVEWAYS ARE TO BE REMOVED TO ACCOMMODATE THE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT THROUGH THE ASPHALTIC PAVEMENT SUCH THAT REMOVAL OF THE PAVEMENT WILL BE ACCOMPLISHED WITHOUT DAMAGE TO THE REMAINING PORTIONS.

DRIVEWAY PIPE ELEVATIONS, LENGTHS AND LOCATIONS AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS.

THE ITEM REMOVING OLD CULVERTS WILL PERTAIN ONLY TO THOSE CULVERTS ENUMERATED IN THE SUMMARY OF MISCELLANEOUS QUANTITIES. ALL OTHER CULVERTS TO BE REMOVED ARE INCIDENTAL TO STORM SEWER OR CULVERT INSTALLATION OR UNCLASSIFIED EXCAVATION.

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

UTILITIES

UTILITY NAME	ADDRESS	CONTACT PERSON	UTILITY TYPE
NORTHERN STATES POWER COMPANY	P.O. BOX 727 LACROSSE, WI 54602-0727	MR. TIM SMITH (608) 789-3652	ELECTRIC
NORTHERN STATES POWER COMPANY	P.O. BOX 727 LACROSSE, WI 54602-0727	MR. TIM SMITH (608) 789-3652	GAS
MARCUS CABLE	314 MAIN STREET ONALASKA, WI 54650	MR. TIM FISCHER (608) 783-5255	CABLE TELEVISION
CENTURY TELEPHONE	P.O. BOX 4800 LACROSSE, WI 54601	MR. BRIAN STELPLUGH (608) 796-5142	COMMUNICATIONS
CITY OF ONALASKA	415 MAIN STREET ONALASKA, WI 54650-2953	MR. RON LUND (608) 781-9537	WATER AND SANITARY SEWER
STATE OF WISCONSIN DNR WEST CENTRAL REGION HDQTRS.	1300 W. CLAIREMONT AVE. EAU CLAIRE, WI 54702	MR. JIM DOPERLSKI (608) 789-5511	DNR LIAISON
STRAND ASSOCIATES, INC.	910 W. WINGRA DR. MADISON, WI 53715	MR. BRIAN ANDREAS (608) 251-4843	DESIGN CONSULTANT



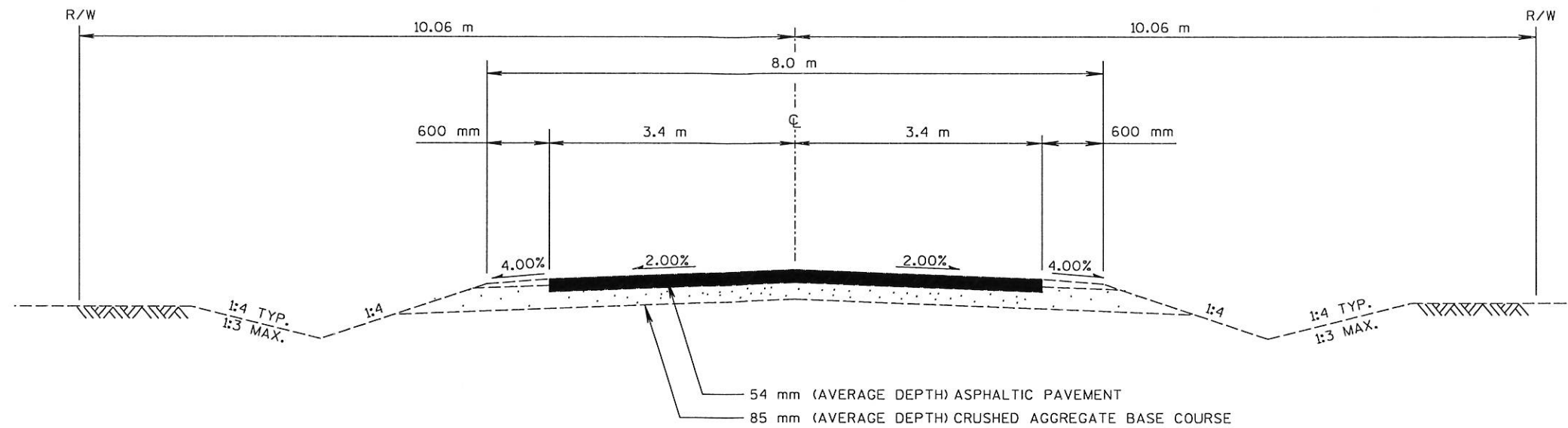
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

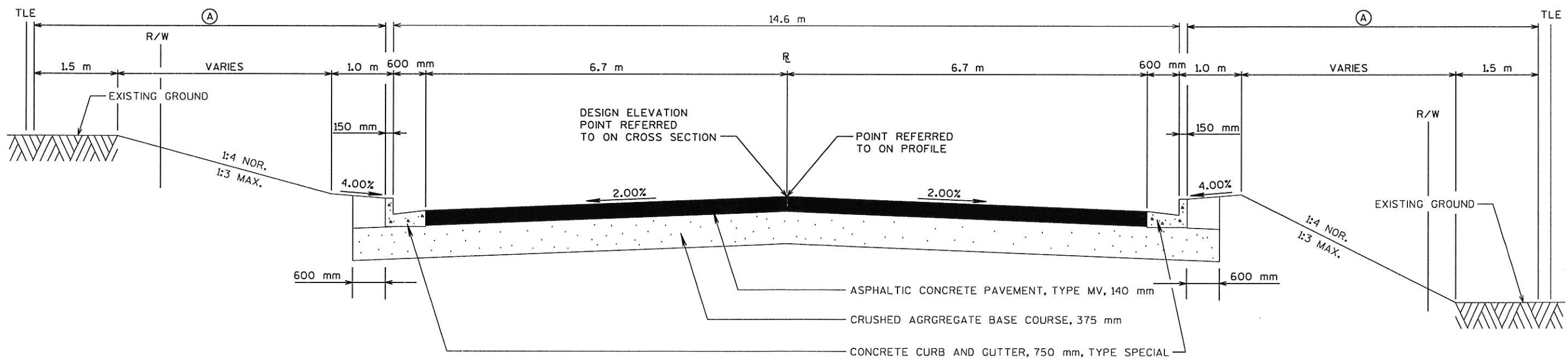
FAX A LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

PLOT SCALE: 1"=40'
 PLOT NAME: 12-16-96
 REV. DATE: 12-16-96
 ORIGINATOR: JRH
 LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



EXISTING TYPICAL SECTION
STA 10+050 TO STA 10+400



TYPICAL SECTION - RECONSTRUCTION
STA 10+050 TO STA 10+397.500

Ⓐ TOPSOIL; SODDING; FERTILIZER, TYPE B

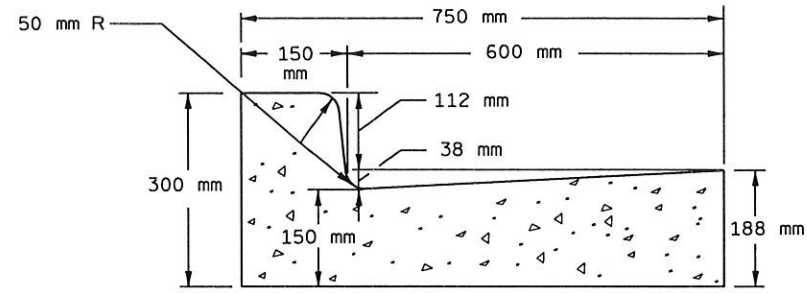
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PLOT SCALE:

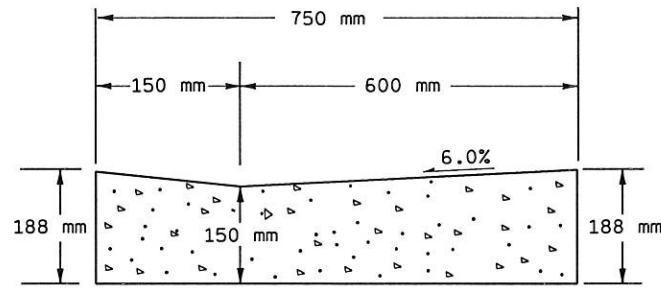
PLOT NAME:

REV. DATE: 07-02-97

ORIGINATOR: JRH
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

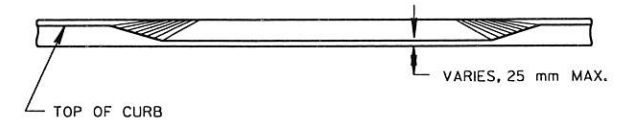


STANDARD SECTION

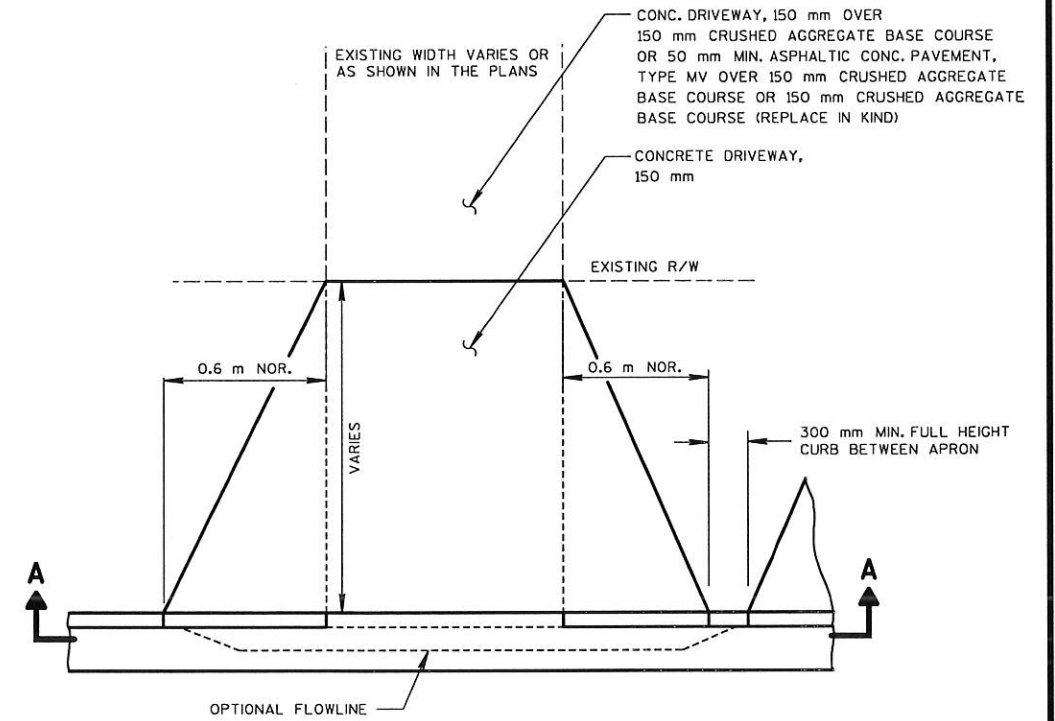


DRIVEWAY SECTION

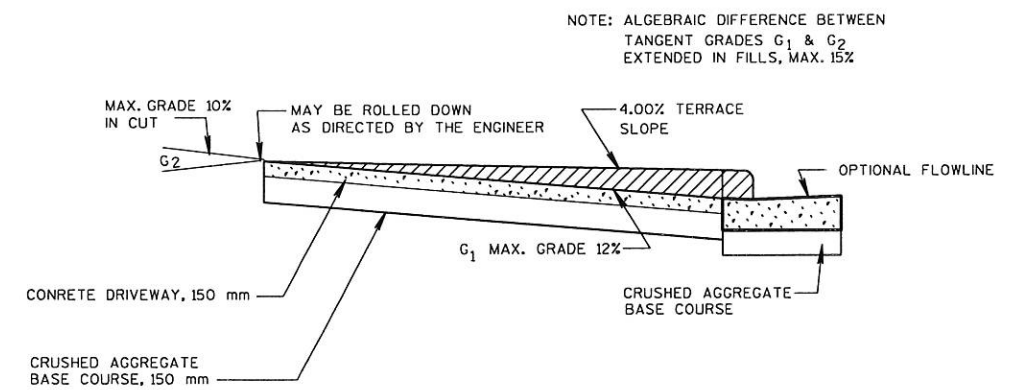
CONCRETE CURB AND GUTTER, 750 mm, TYPE SPECIAL



SECTION A-A



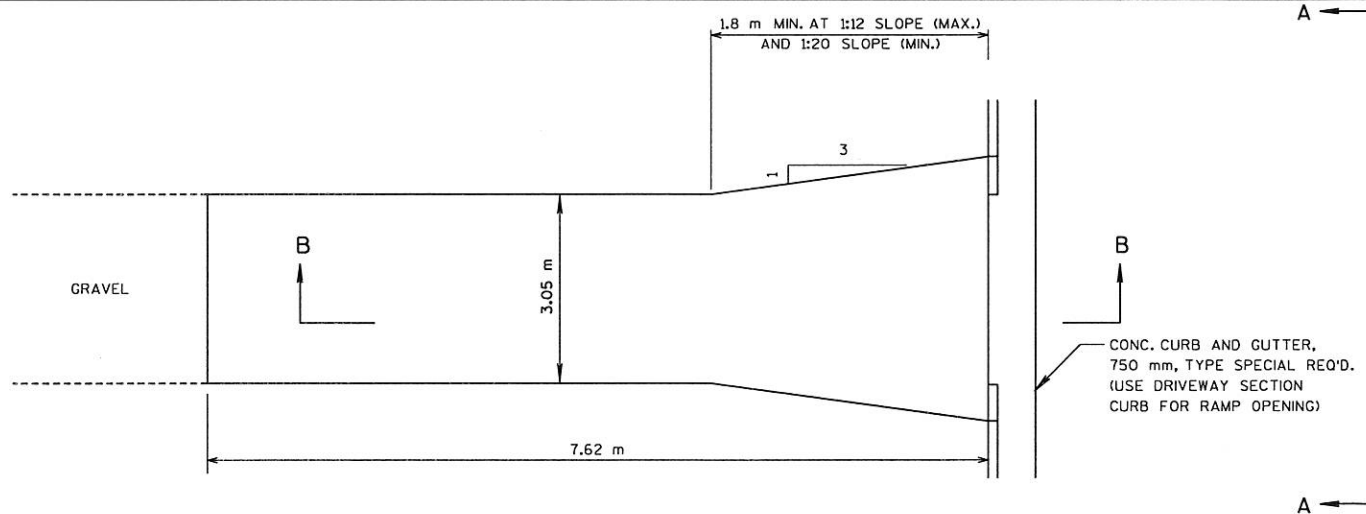
PLAN



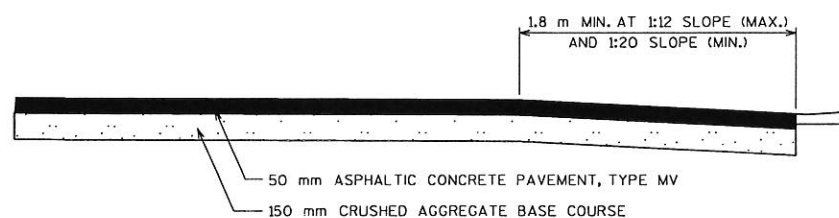
PROFILE

PRIVATE ENTRANCE

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G_1 & G_2 EXTENDED IN FILLS, MAX. 15%



SECTION A-A



SECTION B-B

CURB RAMP, TYPE BIKEPATH

SPECIAL DETAILS

SCALE: NO SCALE

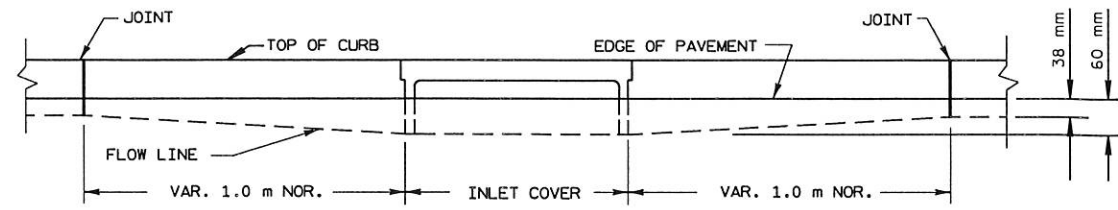
HWY: CTH SS

COUNTY: LACROSSE

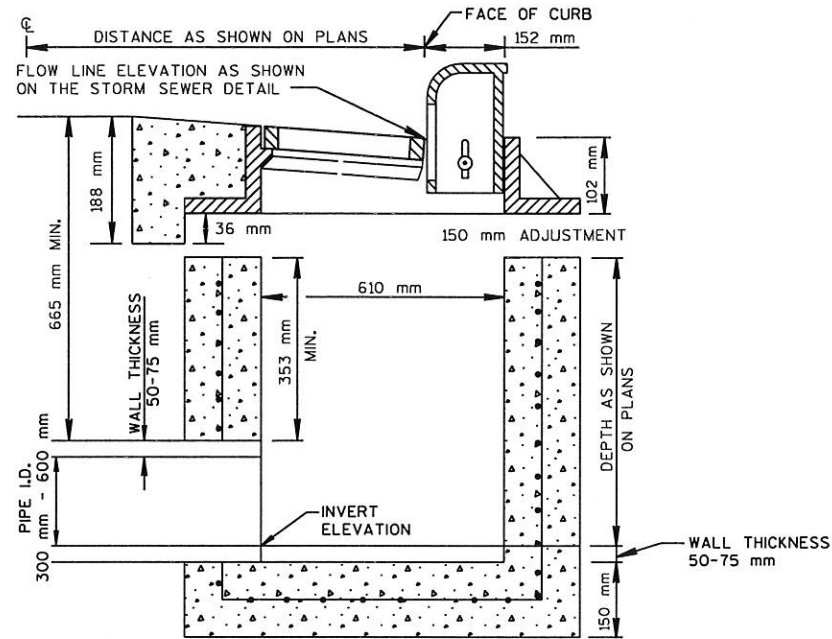
STATE PROJECT NO: 5991-02-19

SHEET NO:

M



ELEVATION

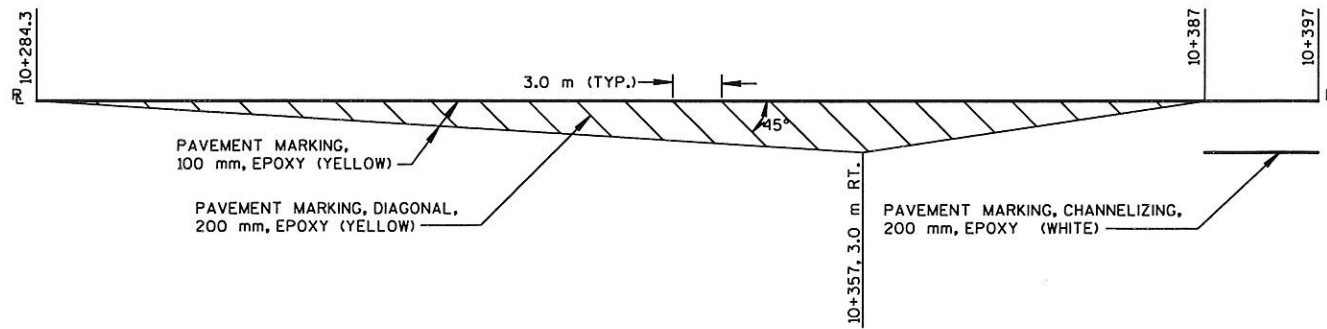


INLETS - TYPE 3

DETAIL FOR COMPUTING OFFSETS AND ELEVATIONS OF INLETS

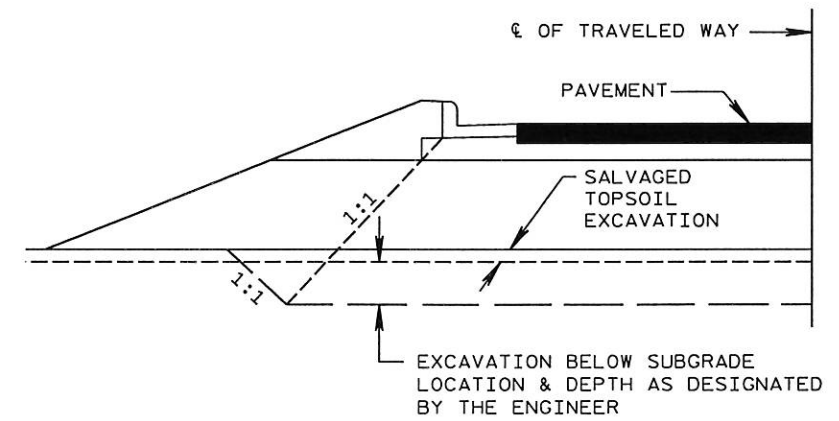
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.15	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.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 = 0.89 HECTARES
 TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.85 HECTARES



PAVEMENT MARKING DETAIL

STA. 10+284.3 - 10+397



DETAIL FOR EXCAVATION BELOW SUBGRADE

PLOT SCALE:

PLOT NAME:

REV. DATE: 07-02-97

ORIGINATOR: JRH

LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62.

PLOT SCALE:

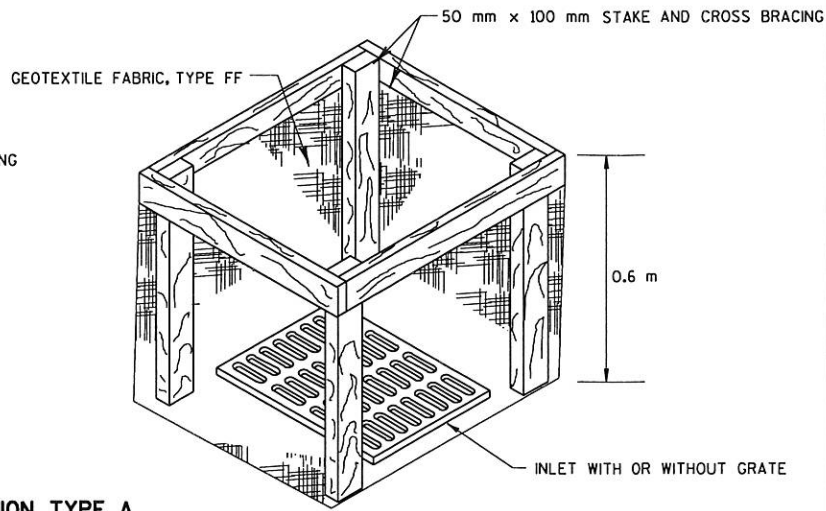
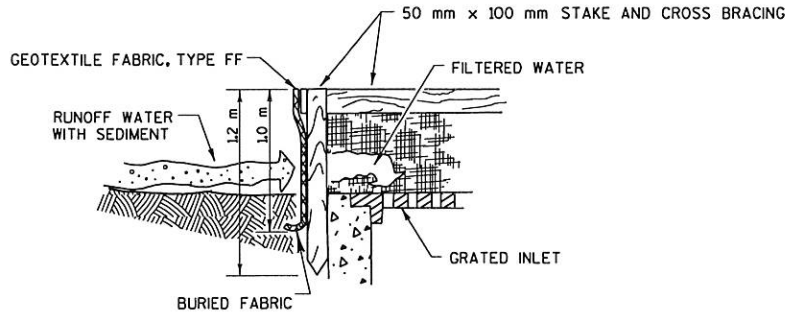
PLOT NAME:

REV. DATE: 07-02-97

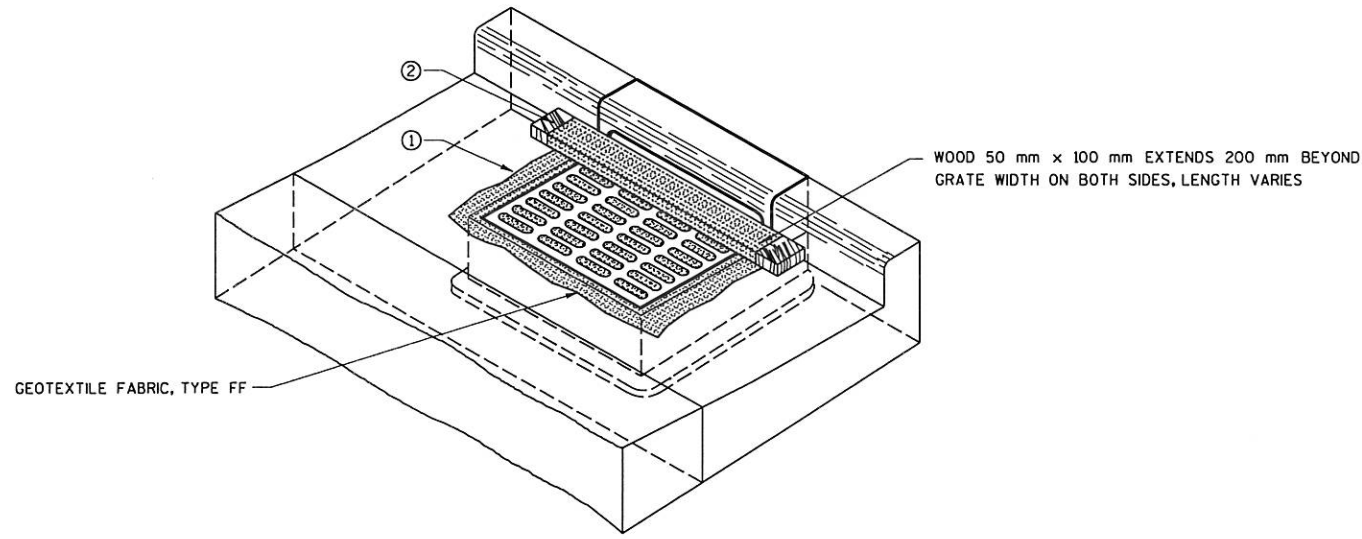
ORIGINATOR: JRH

LEVELS ON * 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

NOTE: ATTACH GEOTEXTILE FABRIC, TYPE FF TO THE TOP OF STAKES AND CROSS BRACINGS.



INLET PROTECTION, TYPE A



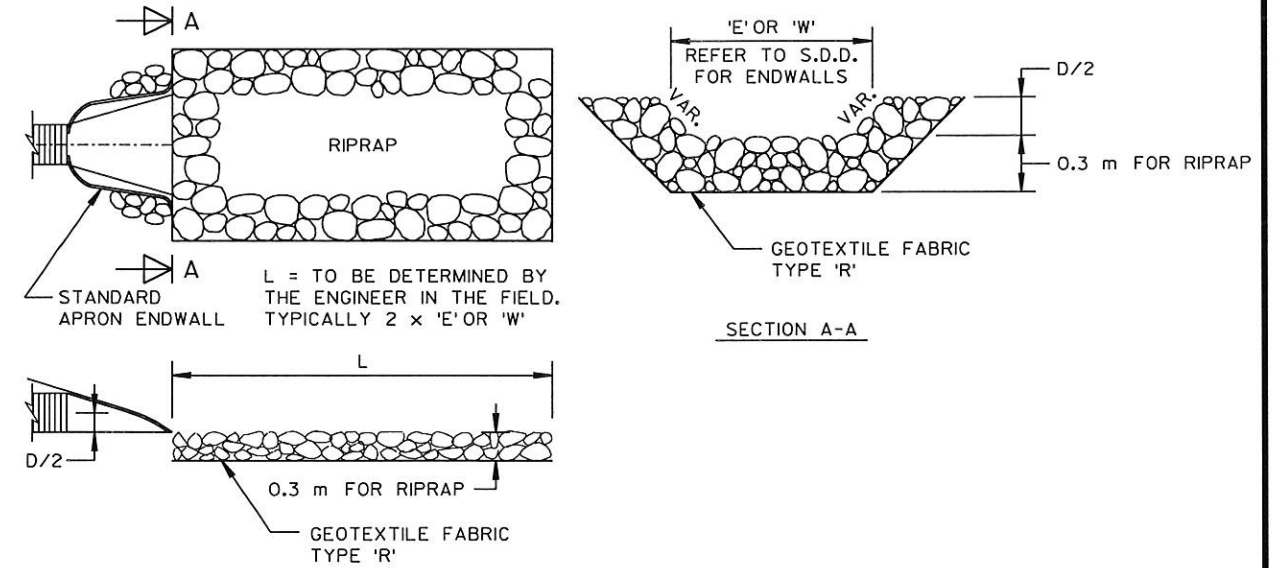
INLET PROTECTION, TYPE B (WITH CURB BOX)

GENERAL NOTES:

FABRIC SHALL BE REPLACED AT THE ENGINEERS DISCRETION.
THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX.
MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FABRIC SIZE SHALL BE 200 mm (MIN) GREATER ON ALL SIDES OF THE INLET COVER TO PROVIDE A HAND HOLD WHEN MAINTENANCE OR REMOVAL IS REQUIRED.
- ② FOR INLET PROTECTION, TYPE B, WITH A CURB BOX, AN ADDITIONAL 450 mm OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES.



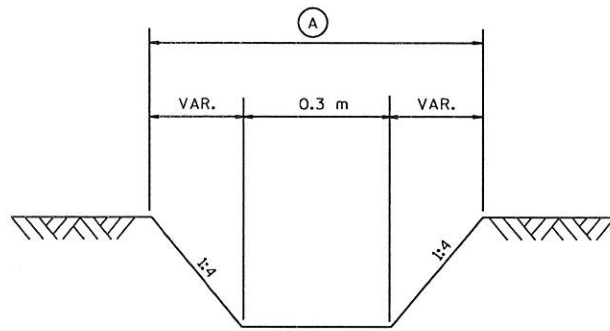
EROSION CONTROL AT STORM SEWER PIPE DISCHARGE APRON

PLOT SCALE:

PLOT NAME:

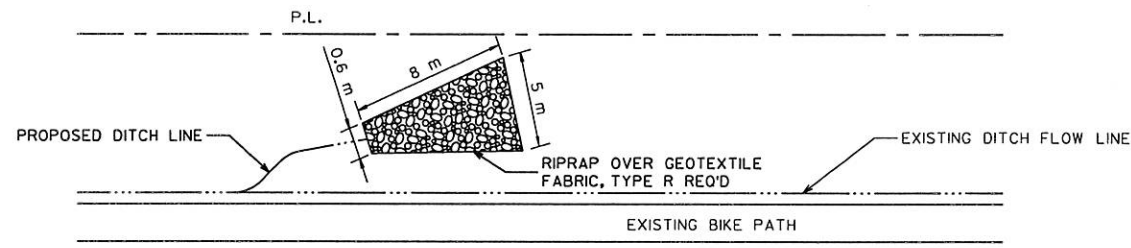
REV. DATE: 07-02-97

LEVELS ON * 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



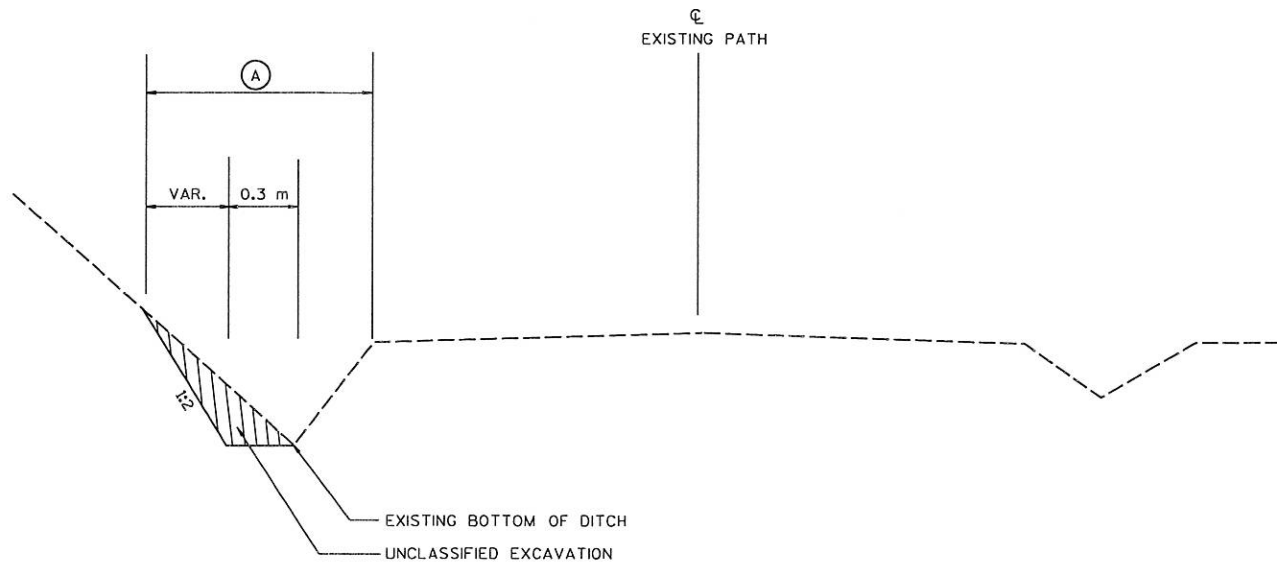
TYPICAL SECTION

(A) TOPSOIL; SODDING; FERTILIZER, TYPE B;
EROSION MAT, CLASS II, TYPE A



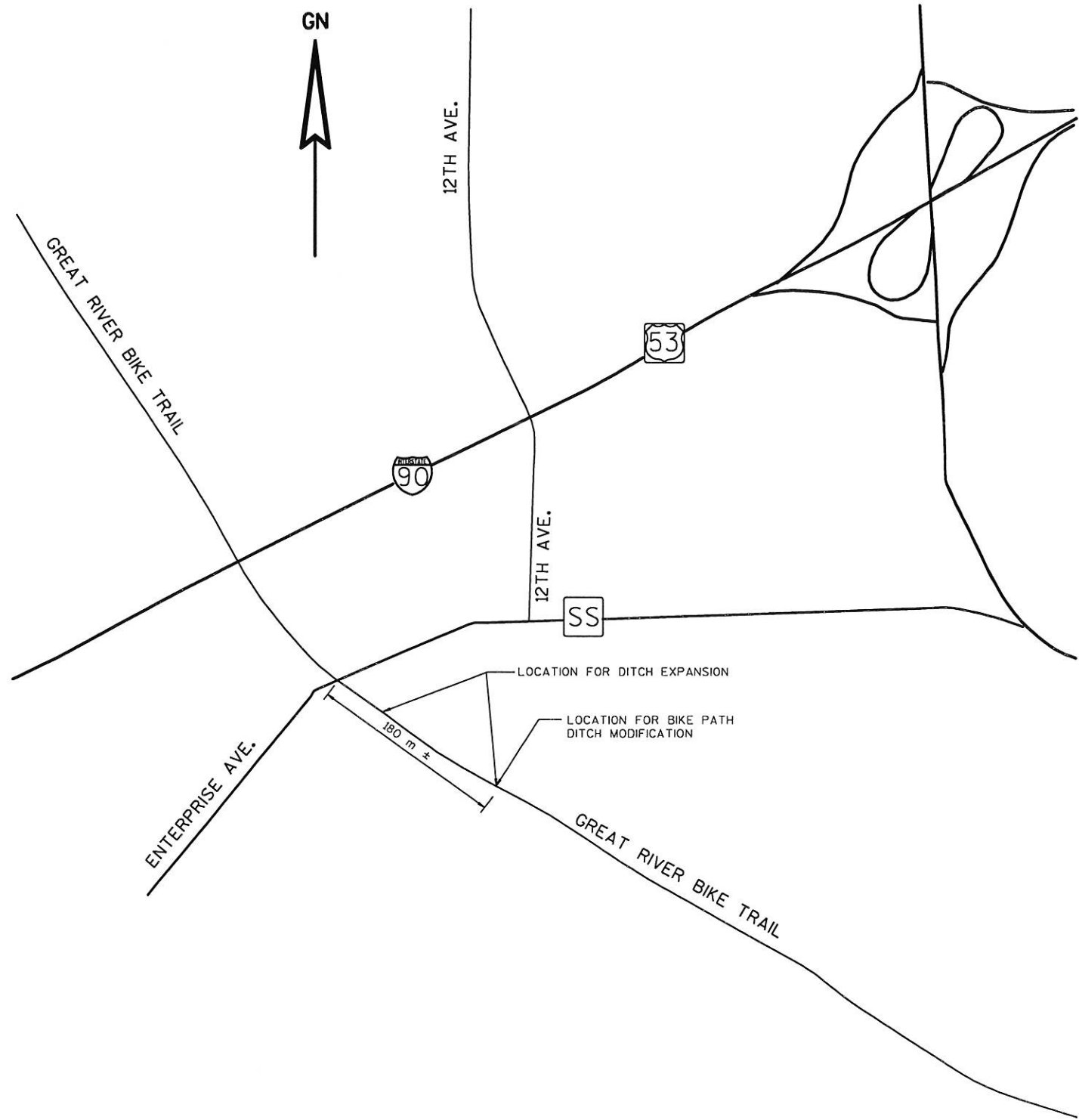
PLAN VIEW

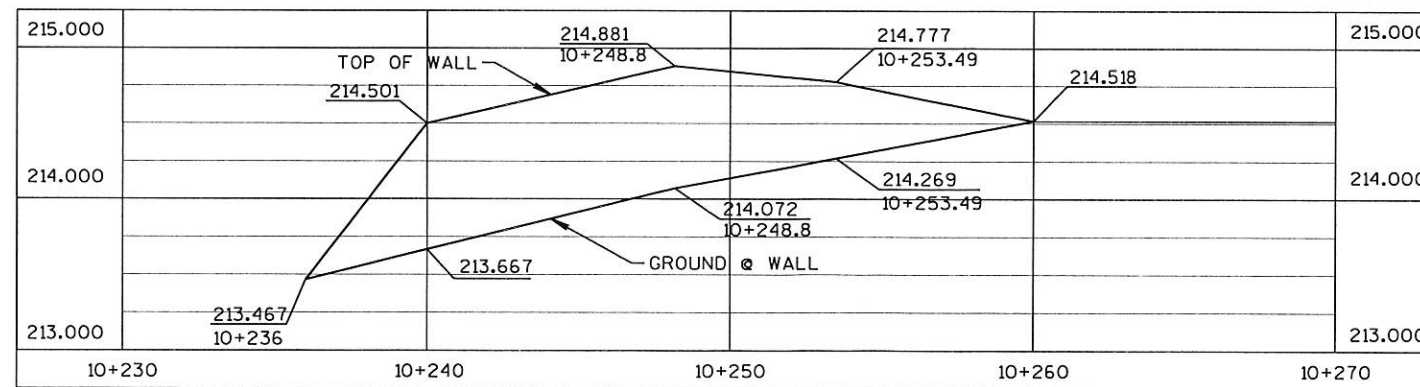
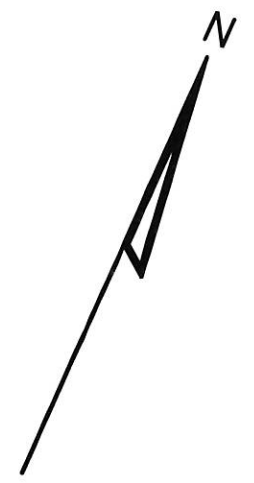
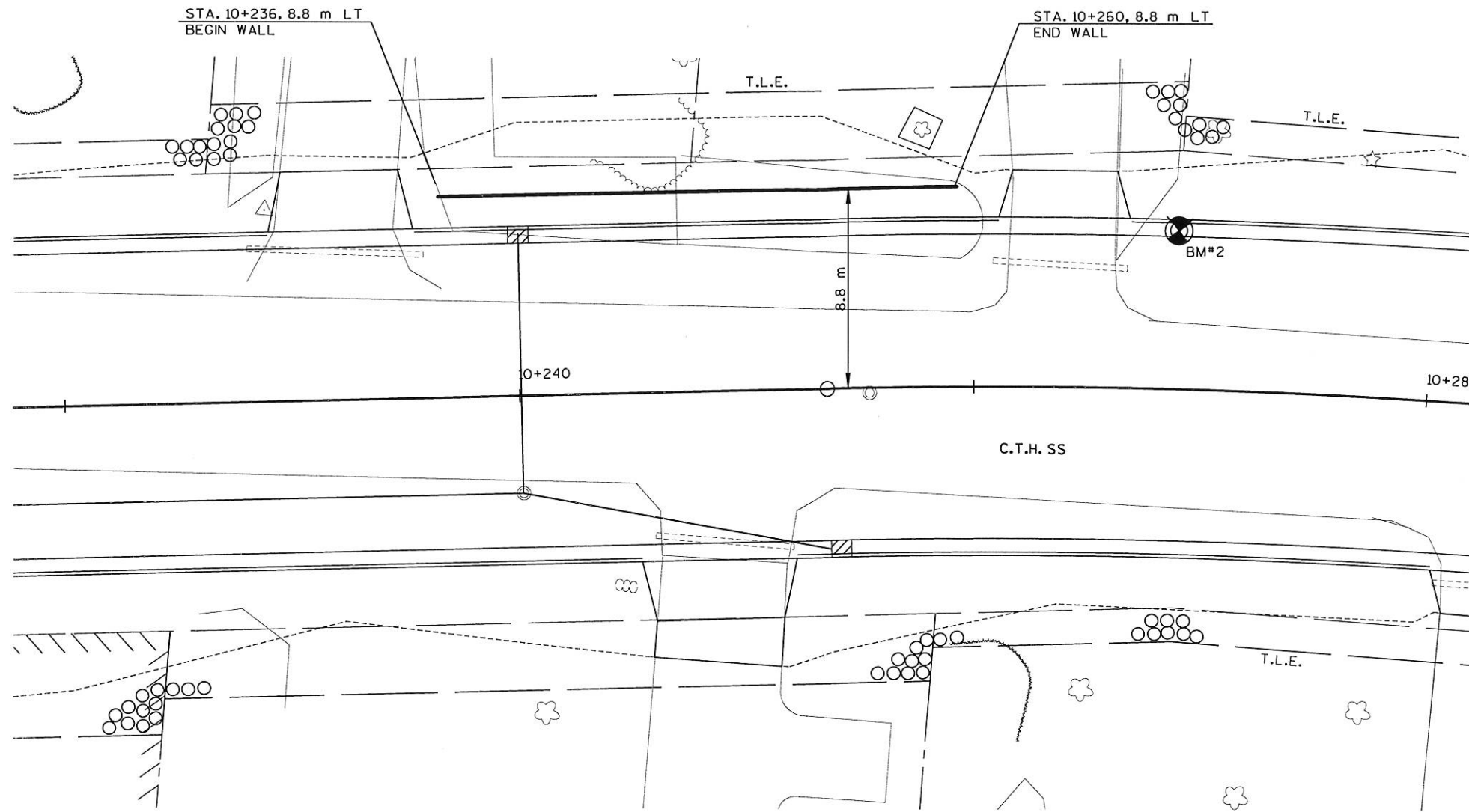
BIKE PATH DITCH MODIFICATION DETAIL



TYPICAL SECTION - DITCH EXPANSION

(A) TOPSOIL; SODDING; FERTILIZER, TYPE B;
EROSION MAT, CLASS II, TYPE A





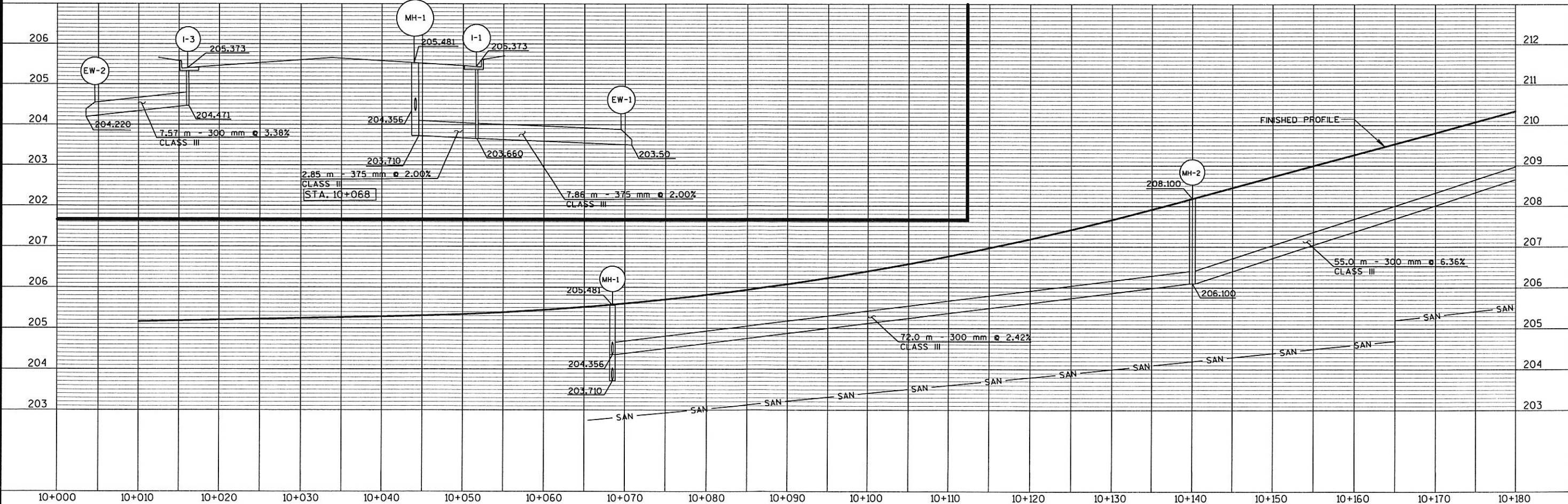
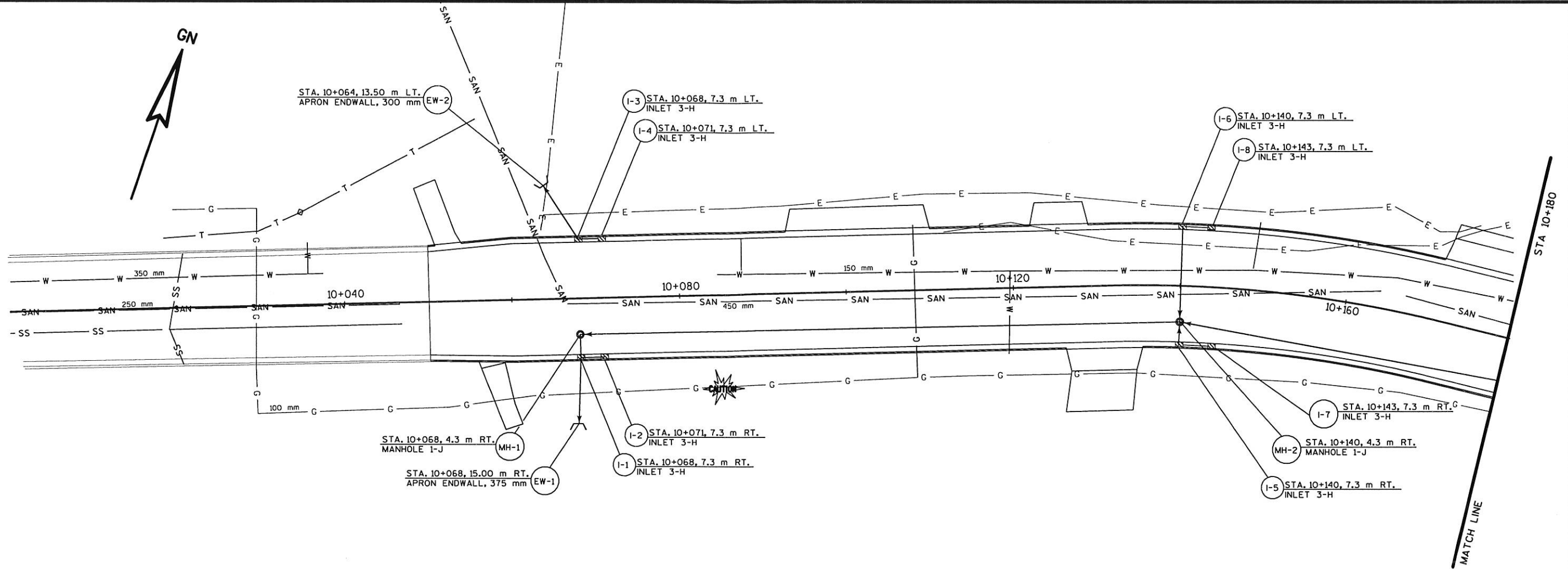
NOTES:
 OFFSET DISTANCES MEASURED
 TO BOTTOM OF WALL, AT THE
 FRONT FACE.

ELEVATION VIEW
 RETAINING WALL, PERMANENT, STATION 10+250

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

57, 58, 59, 60, 61, 62, 63

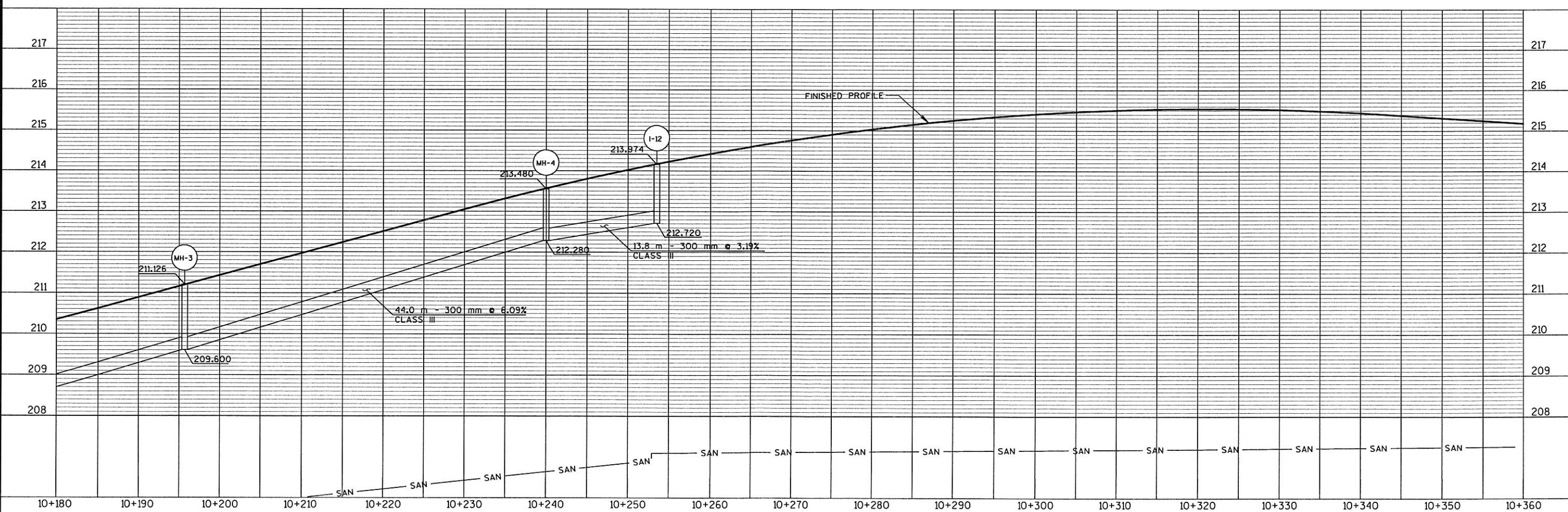
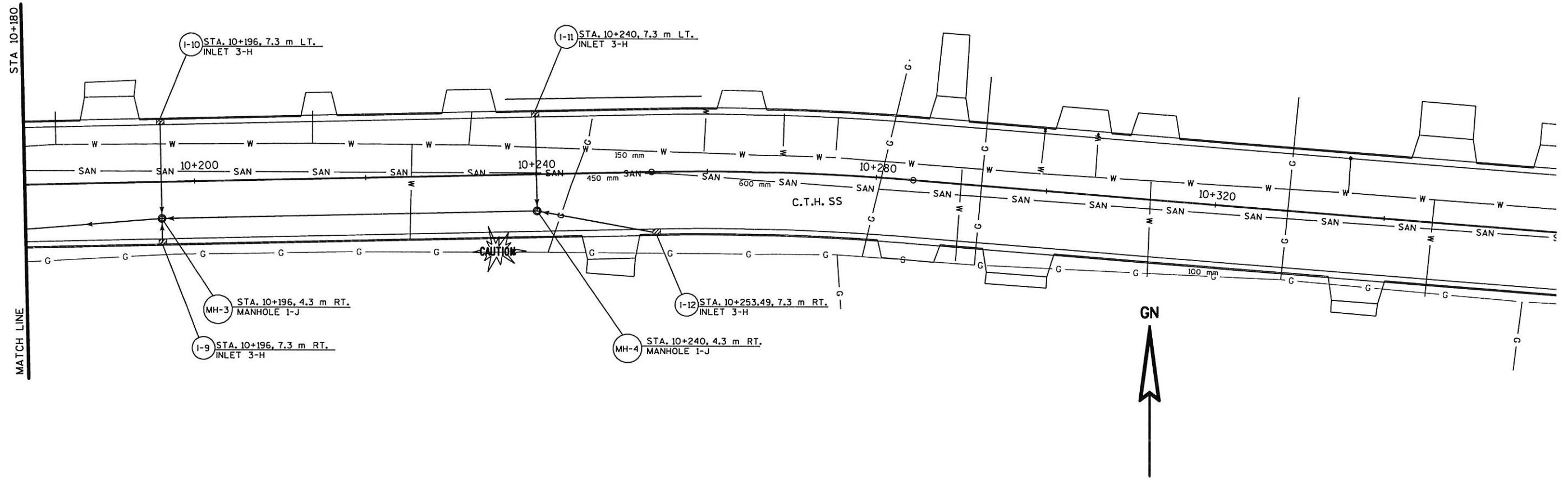
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STORM SEWER DETAIL 0 METERS HWY: CTH SS COUNTY: LA CROSSE STATE PROJECT NO: 5991-02-19 SHEET NO: . M

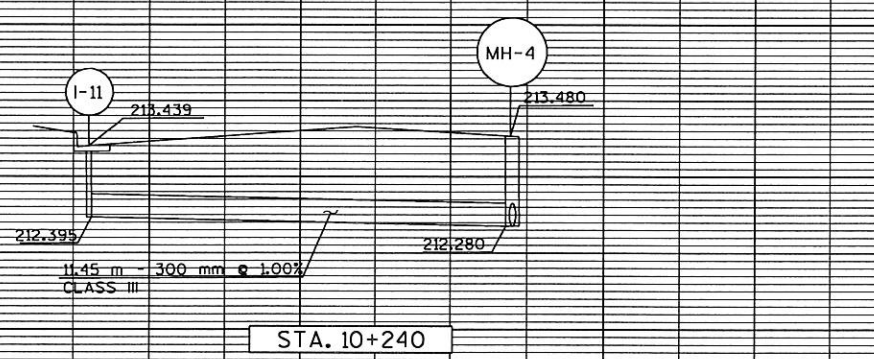
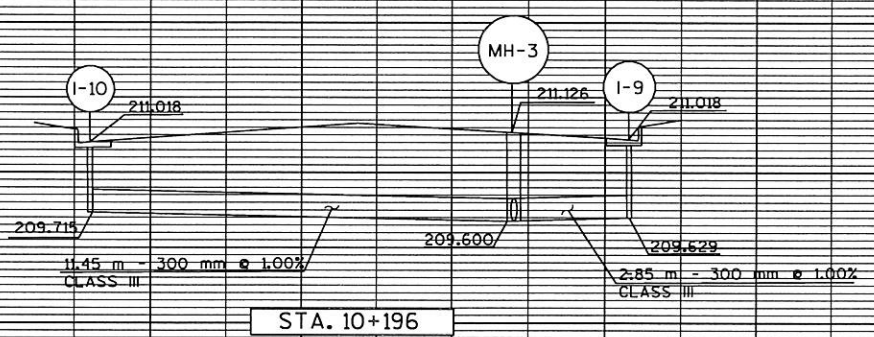
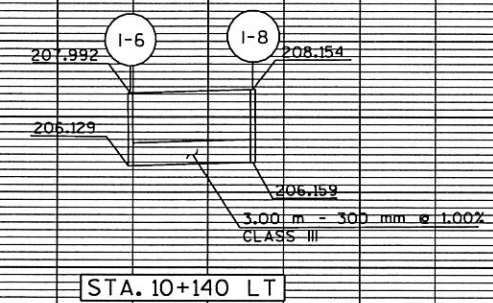
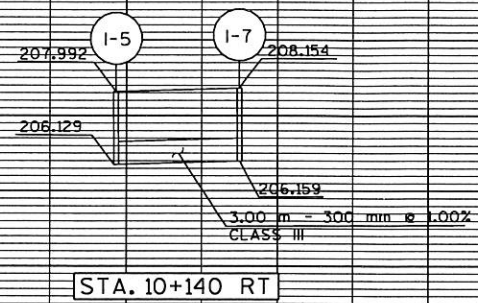
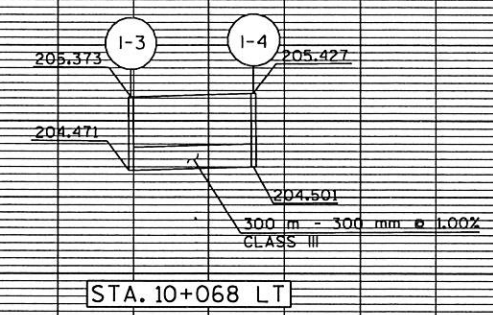
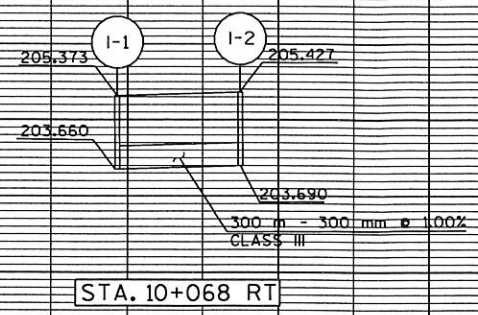
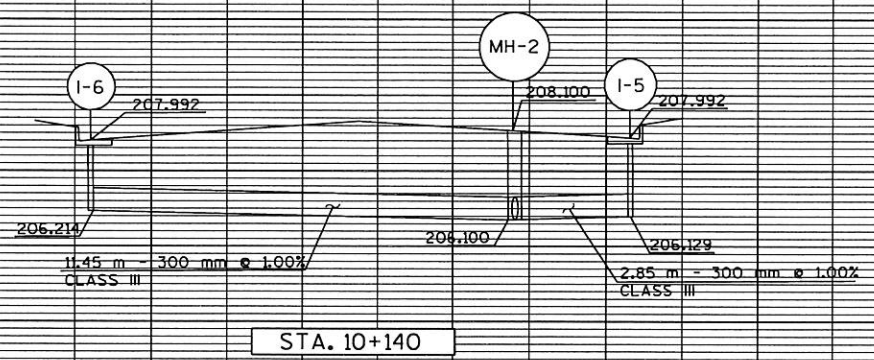
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WISDOT: MSHT 40

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



STORM SEWER LATERALS

HWY: CTH SS

COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

NOTES

ALL SIGNS ARE 1200 x 1200 mm UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH EXISTING SIGNS. SIGNS SHOULD BE SPACED TO PROVIDE A MINIMUM OF 60 m, (150 m DESIRABLE) DISTANCE FROM EXISTING SIGNS.



A



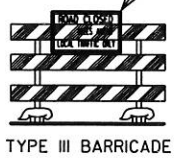
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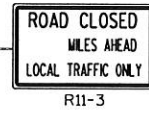
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D



E

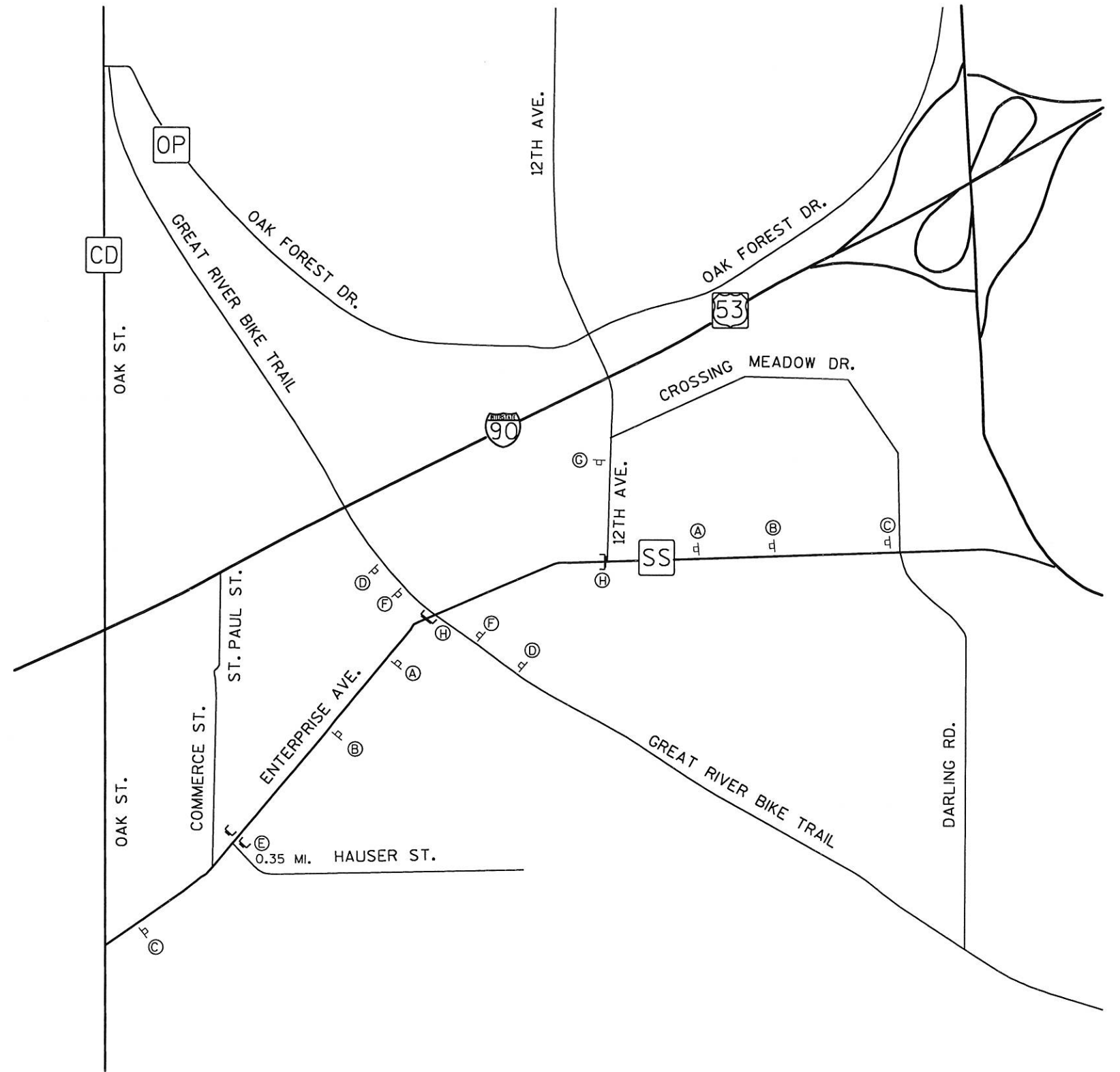


F



G

H SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURES" FOR DETAILS. USE LANE CLOSURE BARRICADE DETAIL.



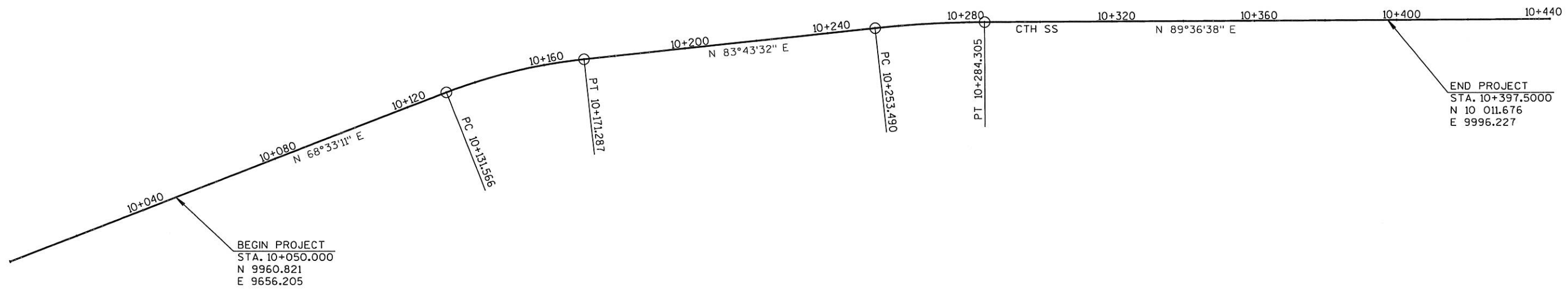
PLOT SCALE:

PLOT NAME:

REV. DATE: 07-02-97

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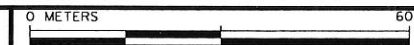
BEGIN PROJECT
 STA. 10+050.000
 N 9960.821
 E 9656.205

END PROJECT
 STA. 10+397.5000
 N 10 011.676
 E 9996.227

PISTA = 10+151.543
 N = 9997.949
 E = 9750.717
 I = 15°10'20"RT
 Da = 3°49'11"
 T = 19.977
 R = 150.000
 L = 39.721
 PC STA = 10+131.566
 N = 9990.645
 E = 9732.123
 PT STA = 10+171.287
 N = 10 000.132
 E = 9770.575

PISTA = 10+268.911
 N = 10 010.802
 E = 9867.614
 I = 5°53'06"RT
 Da = 1°54'35"
 T = 15.421
 R = 300.000
 L = 30.814
 PC STA = 10+253.490
 N = 10 009.117
 E = 9852.286
 PT STA = 10+284.305
 N = 10 010.907
 E = 9883.034

ALIGNMENT DIAGRAM



HWY: CTH SS

COUNTY: LACROSSE

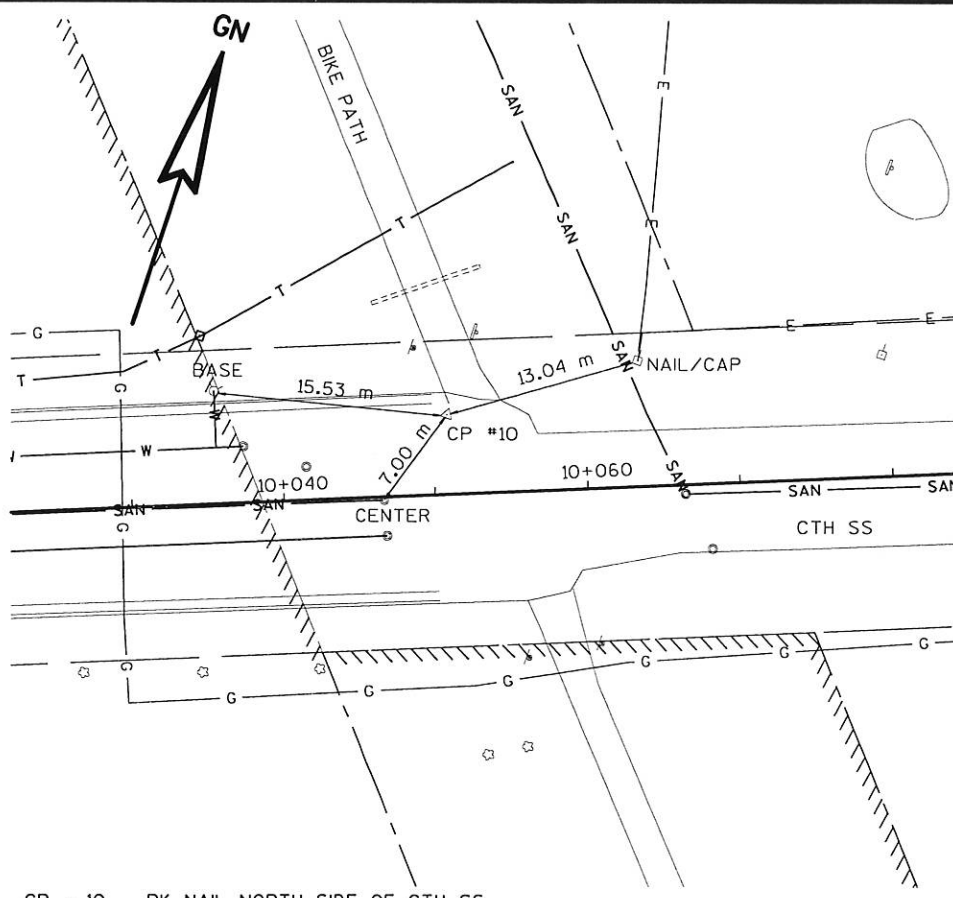
STATE PROJECT NO: 5991-02-19

SHEET NO: .

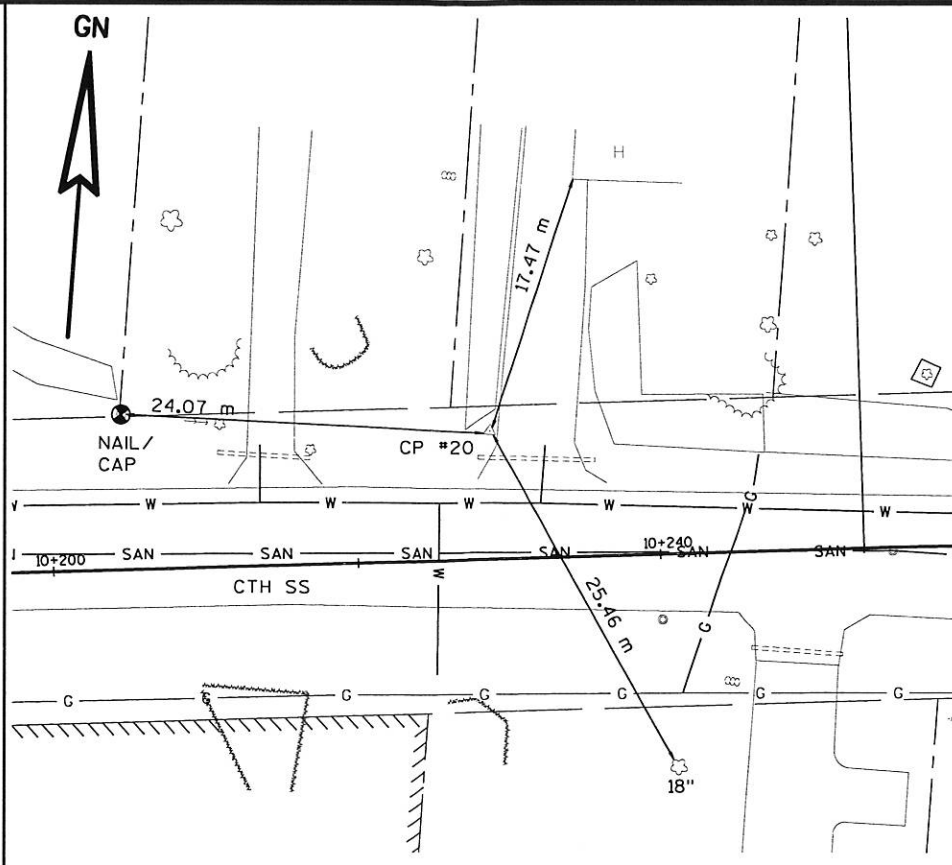


STRAND ASSOCIATES 107-420-

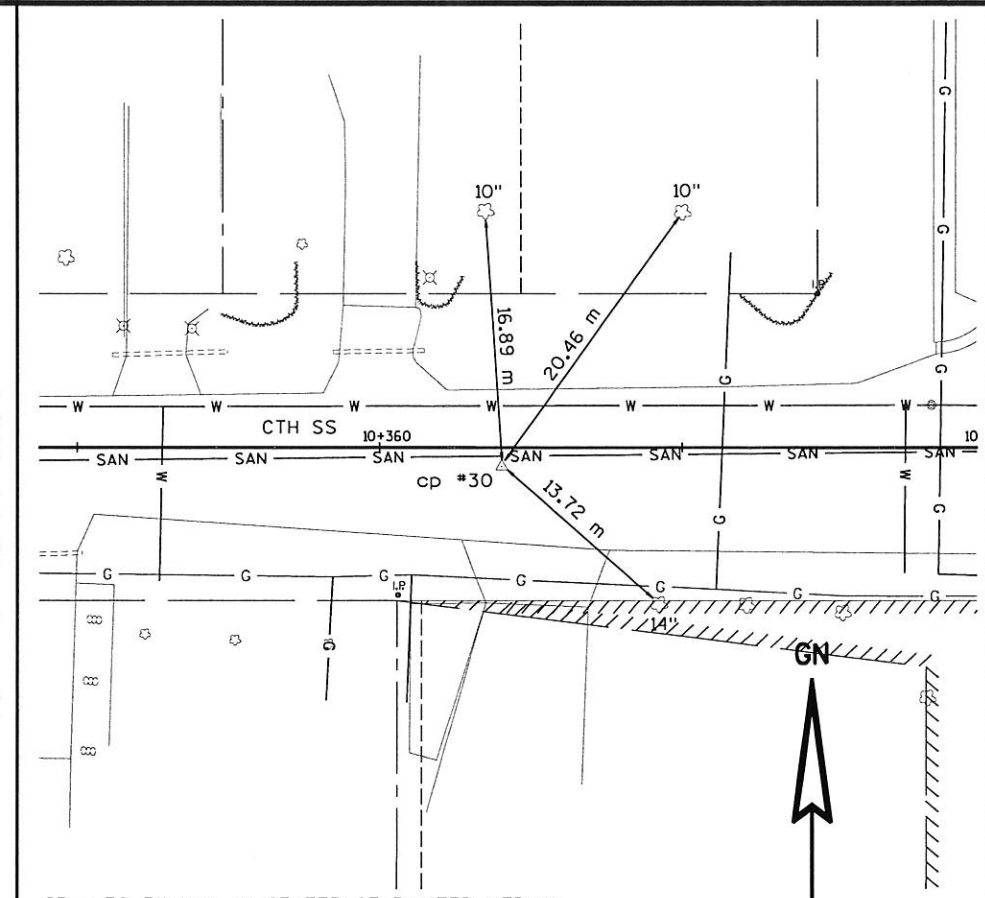
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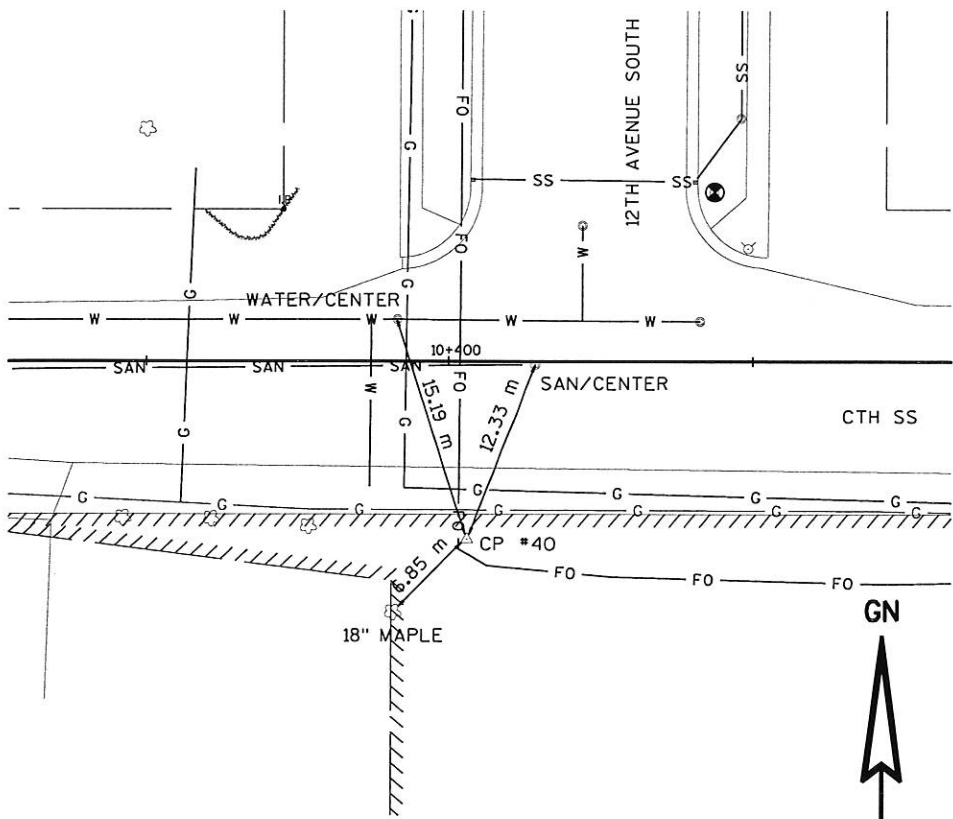
CP - 10 PK NAIL NORTH SIDE OF CTH SS
JUST WEST OF BIKE PATH
STATION 10+050.989 / 5.188 m LT
N = 9966.034
E = 9655.206



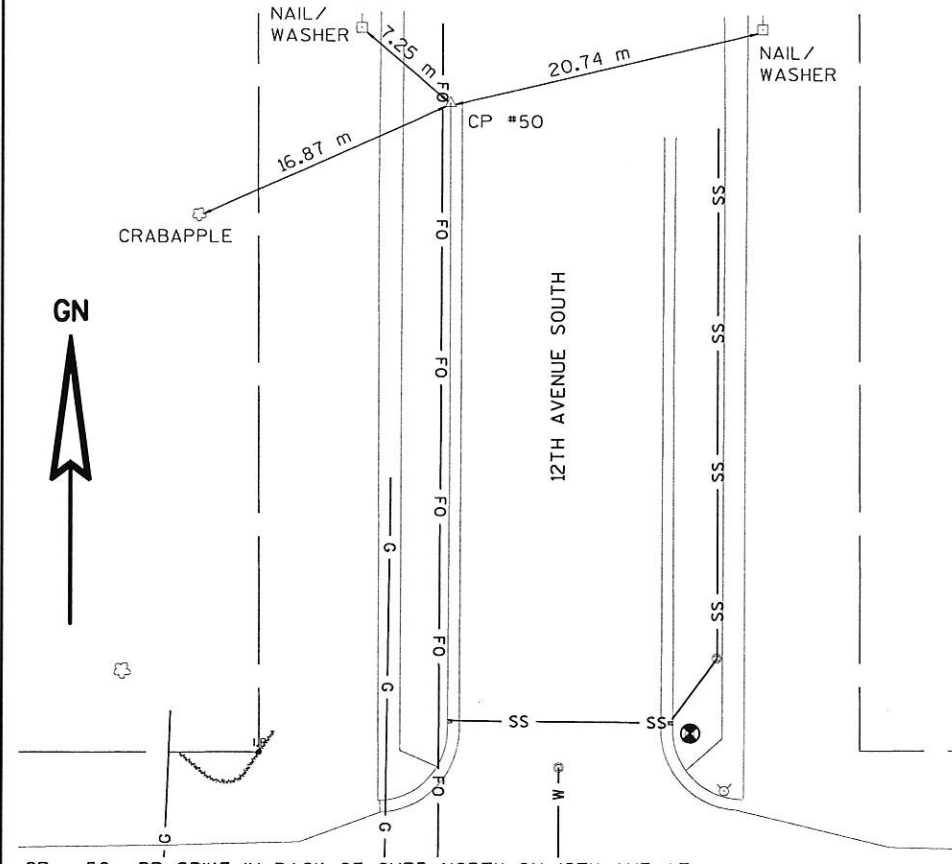
CP - 20 REBAR NORTH SIDE CTH SS AND
WEST SIDE OF GRAVEL DRIVE AT #1365
STATION 10+229.079 / 7.068 m LT
N = 10 014.808
E = 9826.933



CP - 30 PK NAIL IN CENTER OF PAINTED MEDIAN
ON CTH SS
STATION 10+368.606 / 1.252 m RT
N = 10 010.226
E = 9966.893

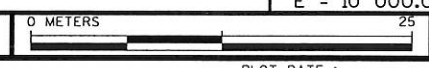


CP - 40 REBAR SOUTH SIDE OF CTH SS AT INTERSECTION OF
12TH AVE AND CTH SS IN LINE WITH WEST SIDE BACK OF
CURB OF 12TH AVE.
STATION 10+401.619 / 11.724 m RT
N = 10 000.000
E = 10 000.000



CP - 50 RR SPIKE IN BACK OF CURB NORTH ON 12TH AVE AT
FIRST DRIVEWAY WEST SIDE OF STREET
STATION 10+402.066 / 52.697 m LT
N = 10 064.451
E = 10 000.000

CONTROL POINT TIES



HWY: CTH SS

COUNTY: LACROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

PLOT SCALE: PLOT NAME: REV. DATE: 07-02-97 ORIGINAL: JPH
 LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

CLEARING AND GRUBBING

GROUP CODE	STATION TO STATION	CLEARING 40m	GRUBBING 40m	CLEARING 25 mm	GRUBBING 25 mm
010	10+100 TO 10+180 10+283.5 LT	2 ---	2 ---	--- 6	--- 6
TOTALS		2	2	6	6

REMOVING OLD CULVERTS

GROUP CODE	STATION	LOCATION	SIZE	EACH
010	10+176.5	LT	600 mm x 25 m	1

REMOVING PAVEMENT

GROUP CODE	STATION TO STATION	LOCATION	m2
010	10+248.8	PE RT	25
	10+303.6	PE LT	39
	10+312.2	PE LT	32
	10+345.1	PE LT	56
	10+360	PE LT	16
TOTAL			168

REMOVING CONCRETE SIDEWALK

GROUP CODE	STATION	LOCATION	m2
010	10+398	LT	12

REMOVING CURB AND GUTTER

GROUP CODE	STATION	LOCATION	m	REMARK
010	10+400	LT	11.6	RADIUS CURB AND GUTTER

REMOVING INLETS

GROUP CODE	STATION	LOCATION	EACH
010	10+401.5	LT	1

EARTHWORK SUMMARY

GROUP CODE	STATION - STATION	UNCLASSIFIED* m3	FILL** m3	WASTE m3	EBS*** m3	HAULED**** FROM WASTE m3
010	10+050 - 10+397.5 BIKE PATH DITCH UNDISTRIBUTED	1986 105 ---	999 0 ---	987 105 ---	--- --- 100	--- --- 125
TOTALS		2091	999	1092	100	125

*INCLUDES APPROXIMATELY 130 m3 OF EXISTING ASPHALT PAVEMENT.
 ** INCLUDES 25% EXPANSION FACTOR.
 *** NOT USED TO BALANCE YARDAGE. UNCLASSIFIED EXCAVATION QUANTITY INCLUDES THESE QUANTITIES WHICH ARE TO BE REMOVED AND WASTED.
 TOTAL UNCLASSIFIED EXCAVATION BID = UNCLASSIFIED + EBS
 **** EBS BACKFILL MATERIAL WILL COME FROM USEABLE WASTE MATERIAL

CRUSHED AGGREGATE BASE COURSE

GROUP CODE	STATION TO STATION	LOCATION	CRUSHED AGGREGATE BASE COURSE Mg
010	10+050 - 10+397.5 10+050 - 10+397.5	CTH SS DRIVEWAYS	5260 180
TOTALS			5440

ASPHALTIC ITEMS

GROUP CODE	STATION TO STATION	LOCATION	ASPHALTIC CONC. PAVEMENT, TYPE MV Mg	ASPHALTIC MATERIAL FOR PLANT MIXES Mg	TACK COAT L	QUALITY MANAGEMENT PROGRAM, ASPHALTIC MIXTURE Mg
010	10+050 - 10+397.5 10+050 - 10+397.5 10+055	CTH SS DRIVEWAYS BIKEPATH	1540 13 6	92.4 0.8 0.3	1050 --- ---	1540 13 6
TOTALS			1559	93.5	1050	1559

REINFORCED CONCRETE APRON
ENDWALL FOR CULVERT PIPE

GROUP CODE	STATION	LOCATION	300 mm EACH	375 mm EACH
010	10+064 10+068	13.50 m LT 15.00 m RT	1 ---	--- 1
TOTALS			1	1

CONCRETE SIDEWALK, 100 mm

GROUP CODE	STATION	LOCATION	m2
010	10+398	LT	8.7

RIPRAP & GEOTEXTILE FABRIC, TYPE 'R'

GROUP CODE	STATION	LOCATION	RIPRAP m3	GEO. FAB. TYPE 'R' m2
010	10+064 10+068 10+065	13.5 m LT 15.0 m RT BIKE PATH DITCH	0.6 0.6 6.8	2.2 2.2 22.4
TOTALS			8.0	26.8

CULVERT PIPE
MINOR SIDE ROAD, PRIVATE ENTRANCE AND SLOPE DRAINS

GROUP CODE	STATION	LOCATION	CULVERT PIPE, CLASS III, 450 mm m	RCCP THICKNESS (mm) CLASS STEEL ALUMINUM	APRON ENDWALLS FOR CULVERT PIPE, 450 mm EACH	PIPE TIES (IF CONC. PIPE) EACH
010	10+100 10+125.9	CE LT PE LT	29.0 12.6	III 1.63 1.52 III 1.63 1.52	2 2	12 12
TOTALS			41.6		4	24

SPECIAL DETAILS

SCALE: NO SCALE

HWY: CTH SS

COUNTY: LACROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO:

M

REINFORCED CONCRETE PIPE, STORM SEWER PIPE SUMMARY

GROUP CODE	FROM STRUCTURE	TO STRUCTURE	REINF. CONC. PIPE, CLASS III, STORM SEWER	
			300 mm m	375 mm m
010	EW-1	I-1	---	7.86
	I-1	MH-1	---	2.85
	MH-1	MH-2	72.00	---
	MH-2	MH-3	55.00	---
	MH-3	MH-4	44.00	---
	I-2	I-1	3.00	---
	I-3	EW-2	7.57	---
	I-4	I-3	3.00	---
	I-5	MH-2	2.85	---
	I-6	MH-2	11.45	---
	I-7	I-5	3.00	---
	I-8	I-6	3.00	---
	I-9	MH-3	2.85	---
	I-10	MH-3	11.45	---
	I-11	MH-4	11.45	---
	I-12	MH-4	13.80	---
	I-13	EXISTING	0.50	---
TOTALS			244.92	10.71

MANHOLES, TYPE 1 AND MANHOLE COVERS, TYPE J

GROUP CODE	STRUCTURE NUMBER	STATION	LOCATION	DEPTH m	MANHOLE, TYPE 1 EACH	COVER, TYPE J EACH
010	MH-1	10+068	4.3 m RT	0.900	1	1
	MH-2	10+140	4.3 m RT	1.775	1	1
	MH-3	10+196	4.3 m RT	1.301	1	1
	MH-4	10+240	4.3 m RT	0.975	1	1
TOTALS					4	4

INLETS, TYPE 3 AND INLET COVERS, TYPE H

STRUCTURE NUMBER	STATION	LOCATION	DEPTH m	INLET, TYPE 3 EACH	COVER, TYPE H EACH
I-1	10+068	7.3 m RT	1.46	1	1
I-2	10+071	7.3 m RT	1.46	1	1
I-3	10+068	7.3 m LT	0.65	1	1
I-4	10+071	7.3 m LT	0.65	1	1
I-5	10+140	7.3 m RT	1.61	1	1
I-6	10+140	7.3 m LT	1.53	1	1
I-7	10+143	7.3 m RT	1.61	1	1
I-8	10+143	7.3 m LT	1.53	1	1
I-9	10+196	7.3 m RT	1.14	1	1
I-10	10+196	7.3 m LT	1.05	1	1
I-11	10+240	7.3 m LT	0.79	1	1
I-12	10+253.49	7.3 m RT	1.00	1	1
I-13	10+401.5	12.2 m LT	0.72	1	1
TOTALS				13	13

ADJUSTING MANHOLE COVERS

GROUP CODE	STATION	LOCATION	EACH	TYPE
ASPHALTIC FLUMES				
020	10+066	0.5 m RT	1	SANITARY
	10+091.4	2.3 m LT	1	WATER
	10+164.7	2.1 m LT	1	SANITARY
	10+255.4	0.2 m RT	1	SANITARY
	10+396.6	2.7 m LT	1	WATER
TOTAL			5	

CALCIUM CHLORIDE SURFACE TREATMENT

GROUP CODE	STATION - STATION	LOCATION	Mg
010	10+050 - 10+397.5	CTH SS	5

WATER

GROUP CODE	STATION - STATION	LOCATION	kL
010	10+050 - 10+397.5	CTH SS	40

TOPSOIL, SEEDING, MULCHING, FERTILIZER, AND SODDING

GROUP CODE	STATION - STATION	LOCATION	TOPSOIL m2	MULCHING m2	FERTILIZER, TYPE B kg	SODDING m2	SEEDING, BORROW PIT MIXTURE kg
010	10+050 - 10+421	LT & RT	3500	---	122	3500	---
	BIKE PATH DITCH MOD.	LT	335	---	12	335	---
	MATERIAL DISPOSAL SITE	---	---	900	32	---	7.2
TOTALS			3835	900	166	3835	7.2

MOBILIZATIONS, EROSION CONTROL

EROSION BALES, DELIVERED AND INSTALLED

GROUP CODE	STATION	LOCATION	DELIVERED EACH	INSTALLED EACH
010	10+180	RT	5	5
	10+200	RT	5	5
	10+428	RT	7	7
	UNDISTRIBUTED	---	4	4
TOTALS			21	21

GROUP CODE	STATION - STATION	EACH
010	10+050 - 10+397.5	2

MOBILIZATIONS, EMERGENCY EROSION CONTROL

GROUP CODE	STATION - STATION	EACH
010	10+050 - 10+397.5	2

EROSION MAT

GROUP CODE	STATION - STATION	LOCATION	EROSION MAT CLASS I TYPE A, DELIVERED m2	EROSION MAT CLASS I TYPE A, INSTALLED m2	EROSION MAT CLASS II TYPE A, DELIVERED m2	EROSION MAT CLASS II TYPE A, INSTALLED m2
010	10+080 - 10+087	LT	7	7	---	---
	10+115 - 10+120	LT	5	5	---	---
	10+133 - 10+160	LT	27	27	---	---
	BIKEPATH DITCH MOD. UNDISTRIBUTED	---	8	8	335	335
TOTALS			47	47	335	335

SILT FENCE, SANDY SOIL, DELIVERED AND INSTALLED
SILT FENCE MAINTENANCE

GROUP CODE	STATION TO STATION	LOCATION	SILT FENCE DELIVERED & INSTALLED m	SILT FENCE MAINTENANCE m
010	10+070 - 10+110	RT	40	40
	10+160 - 10+225	RT	65	65
	UNDISTRIBUTED	---	25	25
TOTALS			130	130

TRAFFIC CONTROL, DRUMS

GROUP CODE	STATION - STATION	LOCATION	DRUMS EACH	DRUM DAYS
010	10+050 - 10+397.5	UNDISTRIBUTED	40	2000

PLOT SCALE:

PLOT NAME:

REV. DATE: 07-02-97

ORIGINATOR: JRH

PLOT SCALE: 1" = 100' PLOT NAME: 07-02-97 REV. DATE: 07-02-97 ORIGINAL: JRH LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

TRAFFIC CONTROL SUMMARY

GROUP CODE	STATION	LOCATION	SIGNS				BARRICADES, TYPE III		WARNING LIGHTS TYPE A		REMARKS PER TRAFFIC CONTROL PLAN
			TYPE	SIZE	NO. EACH	DAYS	EACH	DAYS	EACH	DAYS	
010	OAK ST/ENTERPRISE AVE	RT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED AHEAD
	ENTERPRISE AVE/HAUSEA ST	LT & RT	R11-3	1500 x 750 mm	2	120	2	120	4	240	ROAD CLOSED 0.3 MILES AHEAD LOCAL TRAFFIC ONLY
	9+745	RT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED 1000 FT
	9+900	RT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED 500 FT
	10+050	CL	R11-4	1500 x 750 mm	1	60	4	240	8	480	ROAD CLOSED TO THROUGH TRAFFIC - STAGGER BARRICADES 15 m
	10+397.5	CL	R11-4	1500 x 750 mm	1	60	4	240	8	480	ROAD CLOSED TO THROUGH TRAFFIC - STAGGER BARRICADES 15 m
	10+549	LT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED 500 FT
	10+700	LT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED 1000 FT
	CROSSING MEADOW DR/SS	LT	W20-3	1200 x 1200 mm	1	60	---	---	---	---	ROAD CLOSED AHEAD
	CROSSING MEADOW DR/12TH AVE	RT	W20-1	1200 x 1200 mm	1	60	---	---	---	---	ROAD WORK AHEAD
	10+050	150 m LT	W20-1	1200 x 1200 mm	1	60	---	---	1	60	ROAD WORK AHEAD (LOCATE ON BIKE PATH)
	10+050	100 m LT	W8-7	1200 x 1200 mm	1	60	---	---	1	60	LOOSE GRAVEL (LOCATE ON BIKE PATH)
	10+060	150 m RT	W20-1	1200 x 1200 mm	1	60	---	---	1	60	ROAD WORK AHEAD (LOCATE ON BIKE PATH)
	10+060	100 m RT	W8-7	1200 x 1200 mm	1	60	---	---	1	60	LOOSE GRAVEL (LOCATE ON BIKE PATH)
	TOTALS						900	600	1440		

PAVEMENT MARKING, 100mm, EPOXY

GROUP CODE	STATION TO STATION	LOCATION	TYPE	YELLOW m
010	10+050 - 10+397.5	CENTERLINE	DOUBLE YELLOW	695

CONCRETE CURB AND GUTTER, 750 mm, TYPE SPECIAL

GROUP CODE	STATION TO STATION	LOCATION	CONC. CURB & GUTTER, 750 mm, TYPE SPECIAL m
010	10+050 - 10+421.5	RT	371.5
	10+050 - 10+400	LT	355.5
TOTAL			727.0

DUCTILE IRON PIPE, CLASS 50, WATER MAIN, 150 mm
EXTEND EXISTING FIRE HYDRANT LEAD

GROUP CODE	STATION	LOCATION	DUCTILE IRON PIPE m	EXTEND EXISTING FIRE HYDRANT LEAD EACH
020	10+087.4	8.45 m LT	1.73	1
	10+268.9	8.45 m LT	1.54	1
TOTALS			3.27	2

PAVEMENT MARKING, CHANNELIZING, 200mm, EPOXY (WHITE)

GROUP CODE	STATION TO STATION	LOCATION	m
010	10+387 - 10+397	3.0 m RT	10

RETAINING WALL, PERMANENT

GROUP CODE	STRUCTURE NUMBER	STATION - STATION	LOCATION	m2
010	STA. 10+200	10+236 - 10+260	LT	14

WATER SERVICE CURB STOP AND BOX, 100 mm
WATER SERVICE, 25 mm

GROUP CODE	STATION	LOCATION	WATER SERVICE CURB STOP AND BOX EACH	WATER SERVICE, 25 mm m
020	10+119.2	8.05 m RT	1	1.0
	10+212.0	8.05 m LT	1	3.0
	10+225.0	8.05 m RT	1	1.5
	10+236.0	8.05 m LT	1	3.0
	10+259.8	8.05 m LT	1	1.7
	10+275.1	8.05 m LT	1	2.4
	10+299.2	8.05 m LT	1	2.0
	10+309.0	8.05 m LT	1	3.0
10+335.4	8.05 m LT	1	2.3	
TOTAL			9	19.9

PAVEMENT MARKING, DIAGONAL, 200 mm, EPOXY

GROUP CODE	STATION - STATION	LOCATION	YELLOW m
010	10+284.3 - 10+387	MEDIAN	51.2

INLET PROTECTION, TYPE A
INLET PROTECTION, TYPE B

GROUP CODE	STRUCTURE NUMBER	STATION	LOCATION	TYPE A EACH	TYPE B EACH
010	I-1	10+068	7.3 m RT	1	1
	I-2	10+071	7.3 m RT	1	1
	I-3	10+068	7.3 m LT	1	1
	I-4	10+071	7.3 m LT	1	1
	I-5	10+140	7.3 m RT	1	1
	I-6	10+140	7.3 m LT	1	1
	I-7	10+143	7.3 m RT	1	1
	I-8	10+143	7.3 m LT	1	1
	I-9	10+196	7.3 m RT	1	1
	I-10	10+196	7.3 m LT	1	1
	I-11	10+240	7.3 m LT	1	1
	I-12	10+253.49	7.3 m RT	1	1
TOTALS				12	12

PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)

GROUP CODE	STATION	LOCATION	m
010	10+400	LT	4

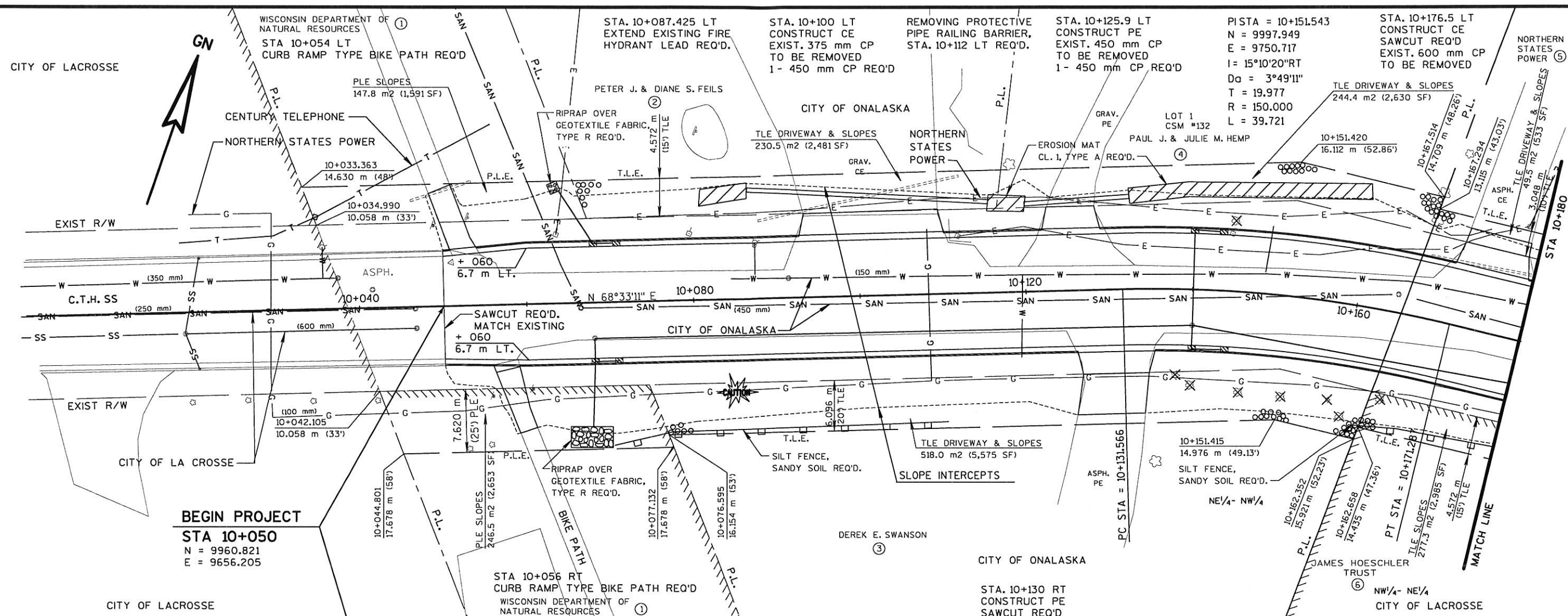
SAWING EXISTING PAVEMENT

GROUP CODE	STATION	LOCATION	m
010	10+050	MAINLINE	12.3
	10+130	PE LT	8.0
	10+176.5	CE LT	8.0
	10+190.5	PE LT	6.0
	10+263.7	PE LT	4.8
	10+287.9	PE LT	3.0
	10+297.2	PE RT	7.2
	10+337.0	PE RT	5.3
	10+397.5	MAINLINE	49.5
	TOTAL		

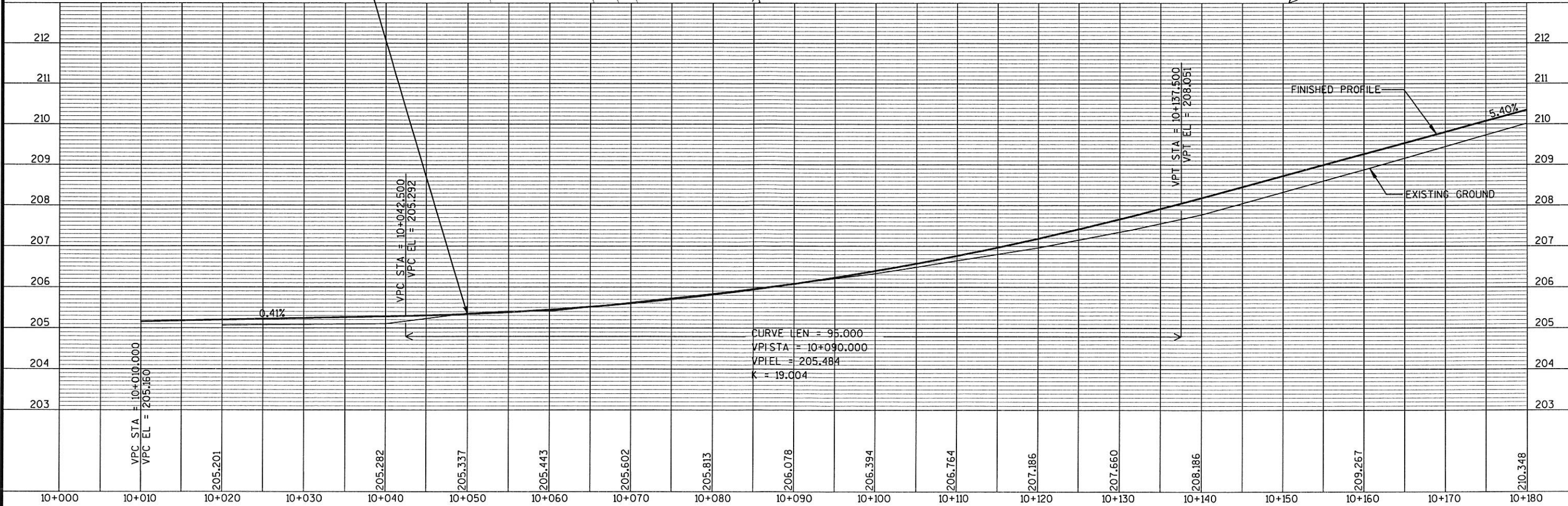
POLYSTYRENE INSULATION BOARD, 50 mm

GROUP CODE	STATION - STATION	LOCATION	m2
010	10+050 - 10+397.5	UNDISTRIBUTED	10

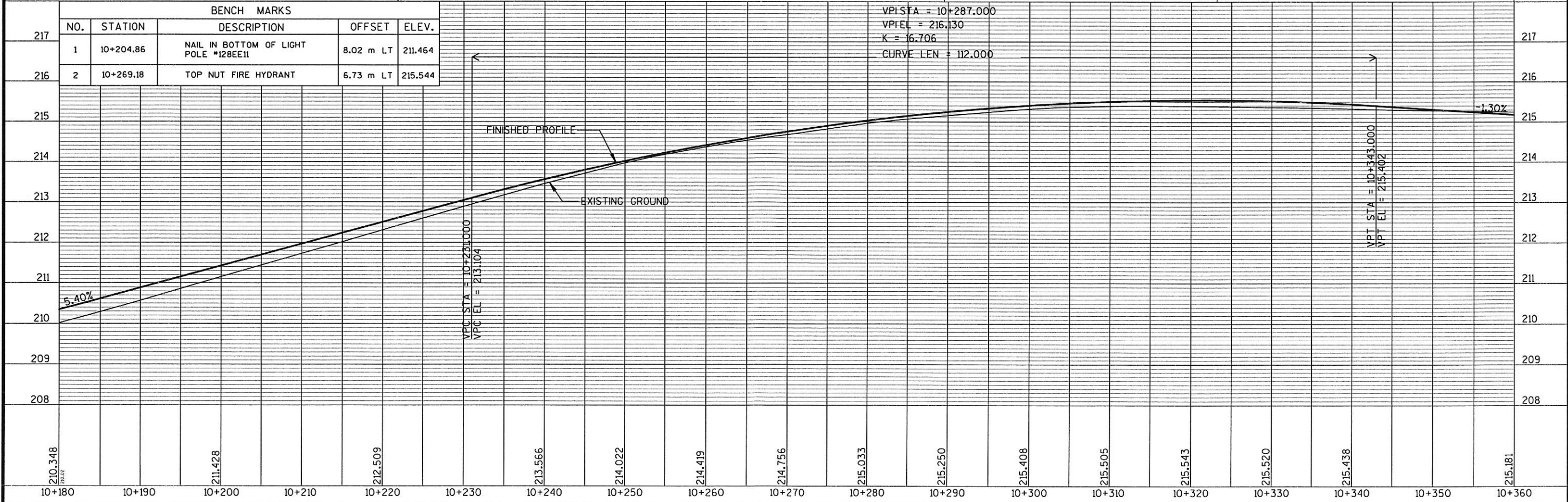
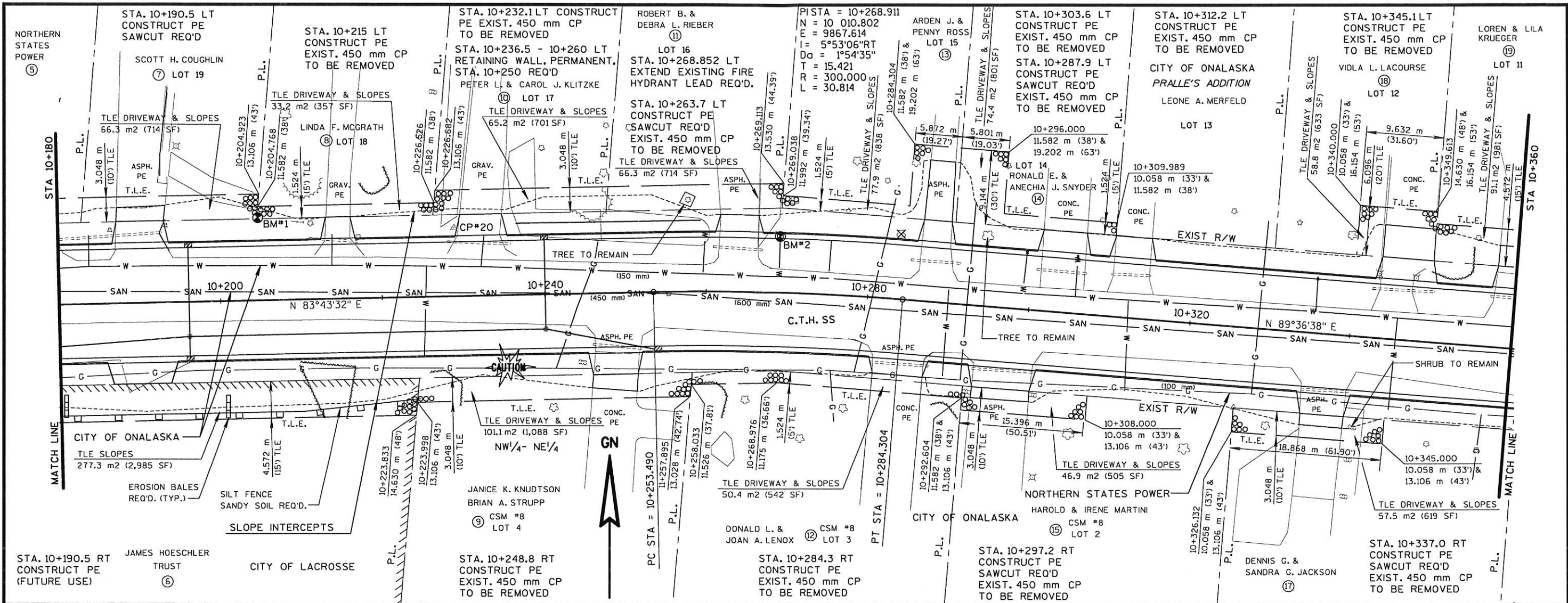
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BEGIN PROJECT
STA 10+050
 N = 9960.821
 E = 9656.205



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



STA. 10+360 LT
CONSTRUCT PE
EXIST. 450 mm CP
TO BE REMOVED

PRALLE'S ADDITION

LOT 10

LOREN & LILA
KRUEGER

19

INLET, TYPE 3-H
REQ'D (1-13)

REMOVING CONC.
SIDEWALK REQ'D

STA. 10+394.533
14.32 m LT, 7.62 m R

CITY OF ONALASKA

EXIST R/W

REMOVING CURB
AND GUTTER REQ'D

REMOVING INLET REQ'D

SS CURB RAMP,
TYPE 1 REQ'D

SAWCUT REQ'D
MATCH EXISTING

CITY OF ONALASKA

NW 1/4- NE 1/4

GN



STA 10+360

CONC. PE

ASPH. PE

MATCH LINE

P.L.

JAMES J. & ARLENE C. MARTIN
CSM #8
LOT 1

CITY OF ONALASKA

STA. 10+369.8 RT
CONSTRUCT PE

END PROJECT
STA 10+397.500

CITY OF LACROSSE

NORTHERN STATES POWER

ASPH. C.T.H. SS

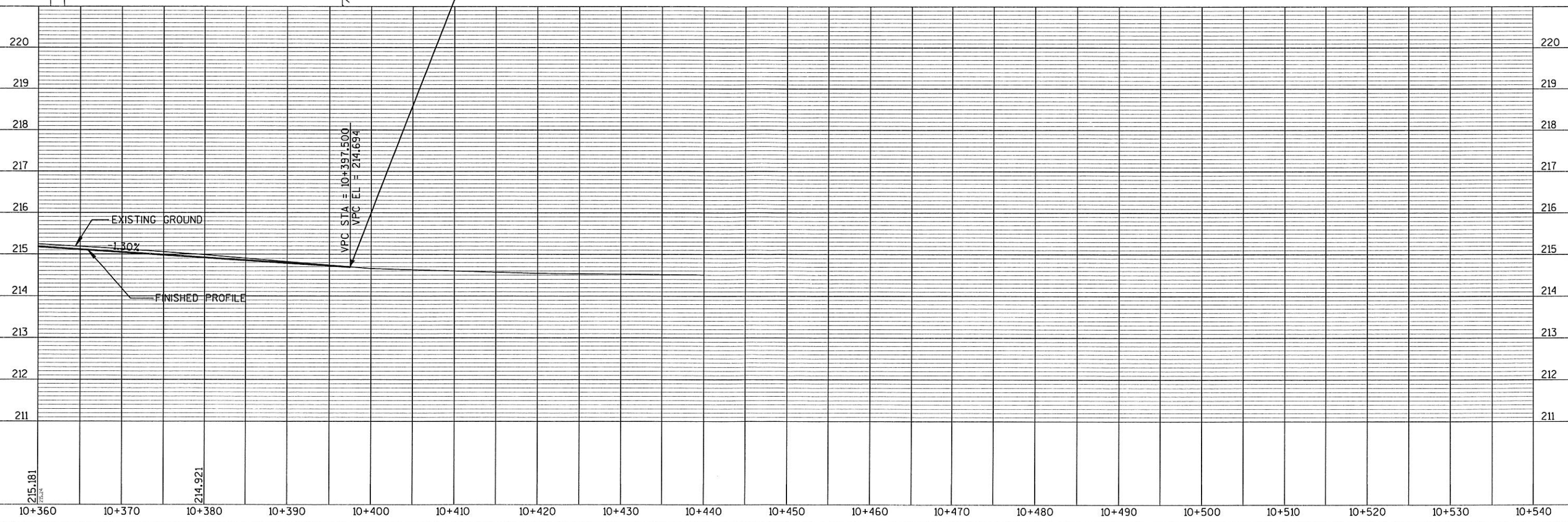
ASPHALTIC
FLUME REQ'D

EROSION BALES
REQ'D.

MARCUS CABLE

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEV.
3	10+417.87	NAIL IN BOTTOM OF LIGHT POLE #128EE12	11.16 m LT	214.589



LEVELS ON * 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

PLAN AND PROFILE



HWY: CTH SS

COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: DNG

LEVELS ON * 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

EARTHWORK

STATION	END AREA		INCREMENTAL VOLUME		UNCL CUT	CUMULATIVE VOLUME			MASS HAUL
	UNCL CUT	FILL	UNCL CUT	FILL		FACTOR	FILL	FACTOR	
10+050	4.79	2.71							
10+060	4.79	2.71	47.9	33.9	47.9	1.0	33.9	1.25	14.0
10+080	5.27	8.12	100.6	135.4	148.5	1.0	169.3	1.25	-20.8
10+100	7.85	2.62	131.2	134.3	279.7	1.0	303.5	1.25	-23.8
10+120	6.53	1.66	143.8	53.5	423.5	1.0	357.0	1.25	66.5
10+140	1.55	3.11	80.8	59.6	504.3	1.0	416.6	1.25	87.7
10+160	1.41	8.15	29.6	140.8	533.9	1.0	557.4	1.25	-23.5
10+180	2.71	4.28	41.2	155.4	575.1	1.0	712.8	1.25	-137.7
10+200	3.37	4.75	60.8	112.9	635.9	1.0	825.6	1.25	-189.7
10+220	4.02	2.84	73.9	94.9	709.8	1.0	920.5	1.25	-210.7
10+240	7.34	0.46	113.6	41.3	823.4	1.0	961.8	1.25	-138.4
10+253.49	8.75	0.47	108.5	7.8	931.9	1.0	969.6	1.25	-37.7
10+260	7.61	0.32	48.7	3.2	872.1	1.0	964.9	1.25	-92.9
10+280	7.92	0.21	155.3	6.6	1027.4	1.0	971.5	1.25	55.8
10+300	7.62	0.12	155.4	4.1	1182.8	1.0	975.7	1.25	207.1
10+320	6.22	0.26	138.4	4.8	1321.2	1.0	980.4	1.25	340.7
10+340	7.61	0.17	138.3	5.4	1459.5	1.0	985.8	1.25	473.7
10+360	10.22	0.00	178.3	2.1	1637.8	1.0	987.9	1.25	649.8
10+380	8.94	0.33	191.6	4.1	1829.4	1.0	992.0	1.25	837.3
10+397.5	8.94	0.33	156.5	7.2	1985.8	1.0	999.3	1.25	986.5

EARTHWORK SUMMARY

SCALE: NO SCALE

HWY: CTH SS

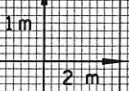
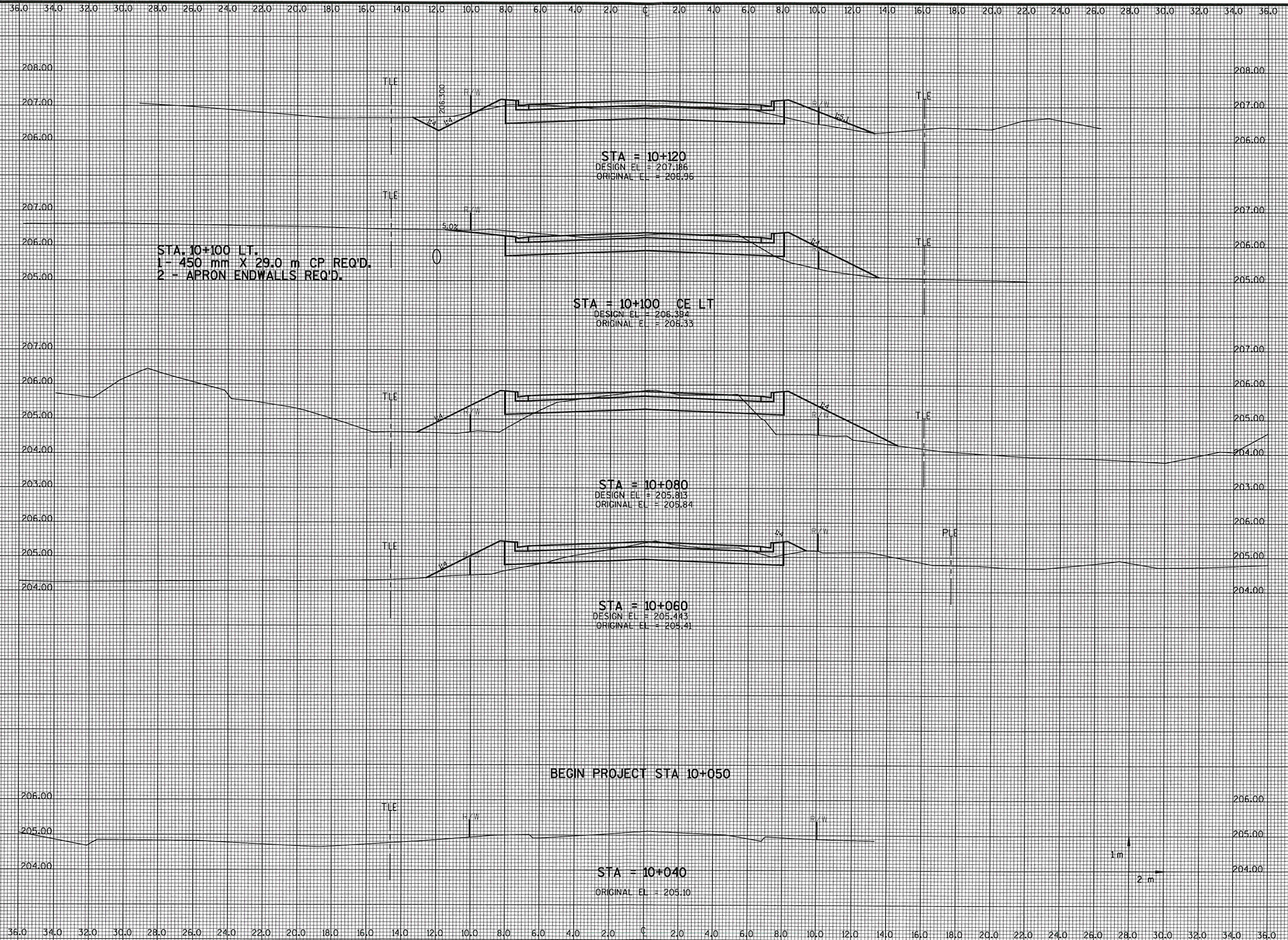
COUNTY: LACROSSE

STATE PROJECT NO: 5991-02-19

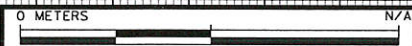
SHEET NO:

M

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CROSS SECTIONS



HWY: CTH SS

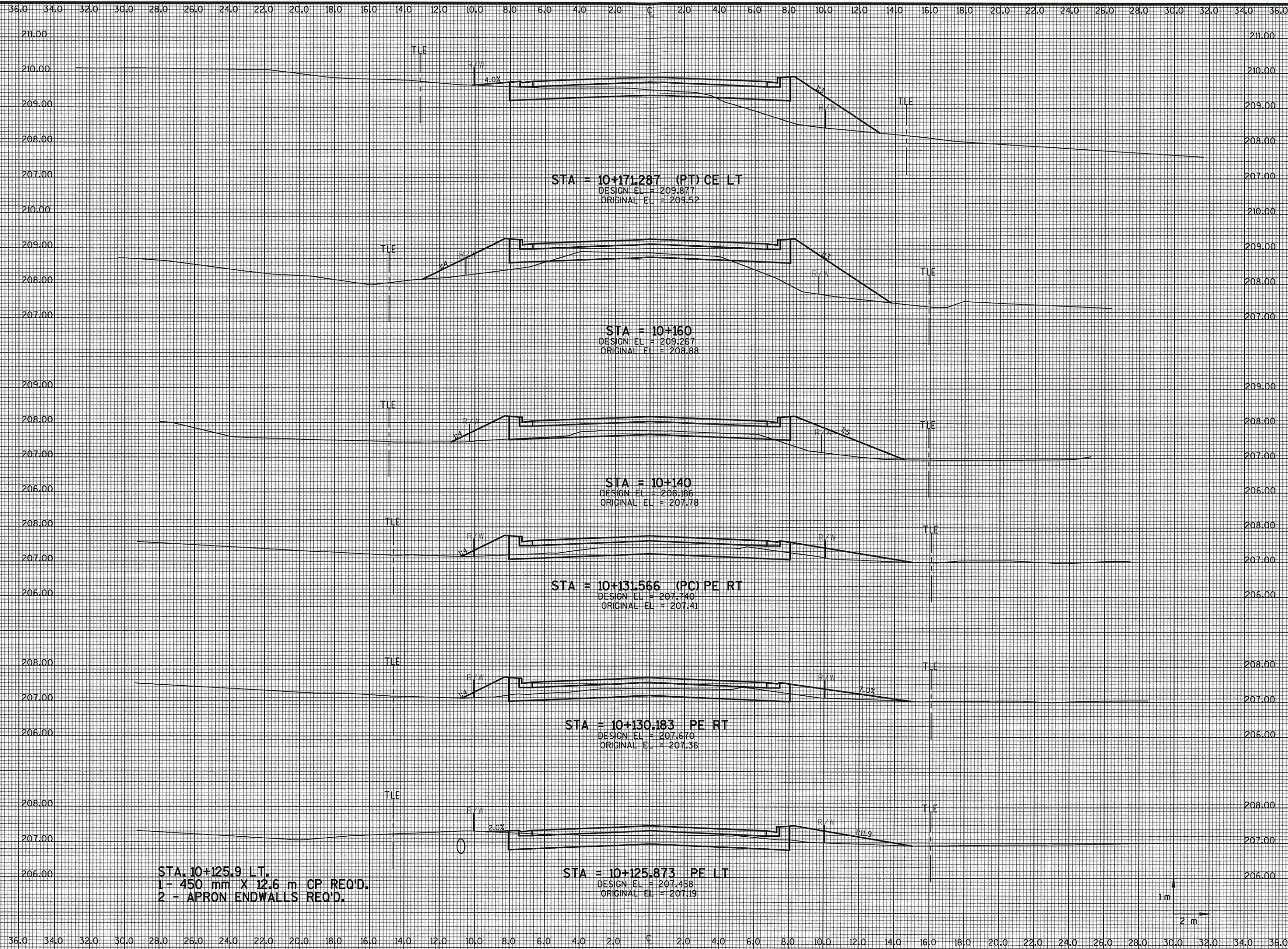
COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

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STA. 10+125.9 LT.
 1 - 450 mm X 12.6 m CP REQ'D.
 2 - APRON ENDWALLS REQ'D.

STA = 10+171.287 (PT) CE LT
 DESIGN EL = 209.877
 ORIGINAL EL = 209.52

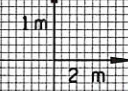
STA = 10+160
 DESIGN EL = 209.267
 ORIGINAL EL = 208.88

STA = 10+140
 DESIGN EL = 208.166
 ORIGINAL EL = 207.78

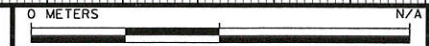
STA = 10+131.566 (PC) PE RT
 DESIGN EL = 207.740
 ORIGINAL EL = 207.41

STA = 10+130.183 PE RT
 DESIGN EL = 207.670
 ORIGINAL EL = 207.36

STA = 10+125.873 PE LT
 DESIGN EL = 207.458
 ORIGINAL EL = 207.19



CROSS SECTIONS



HWY: CTH SS

COUNTY: LA CROSSE

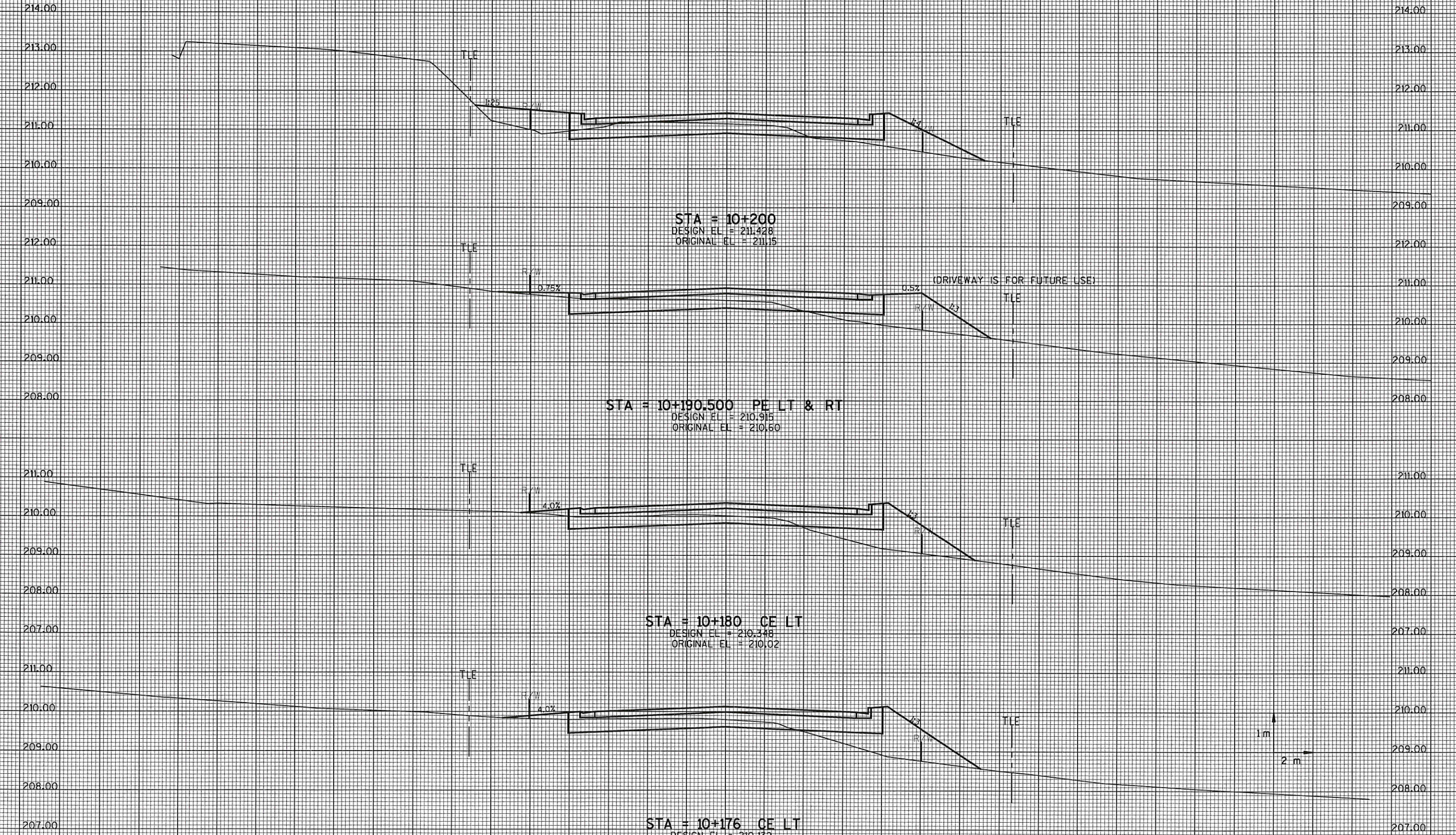
STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

36.0 34.0 32.0 30.0 28.0 26.0 24.0 22.0 20.0 18.0 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 C 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0



CROSS SECTIONS



HWY: CTH SS

COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

FILE NAME: s:\101--150\107\420\bo\int\rc003100.dgn

ORIGINATOR :

PLOT DATE : 27 MAR 98

PLOT SCALE :

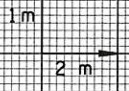
TIME : 11:15:01

STRAND ASSOCIATES 107-420-

WISDOT: MSHT20

120-

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LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

36.0 34.0 32.0 30.0 28.0 26.0 24.0 22.0 20.0 18.0 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0

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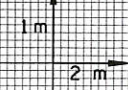
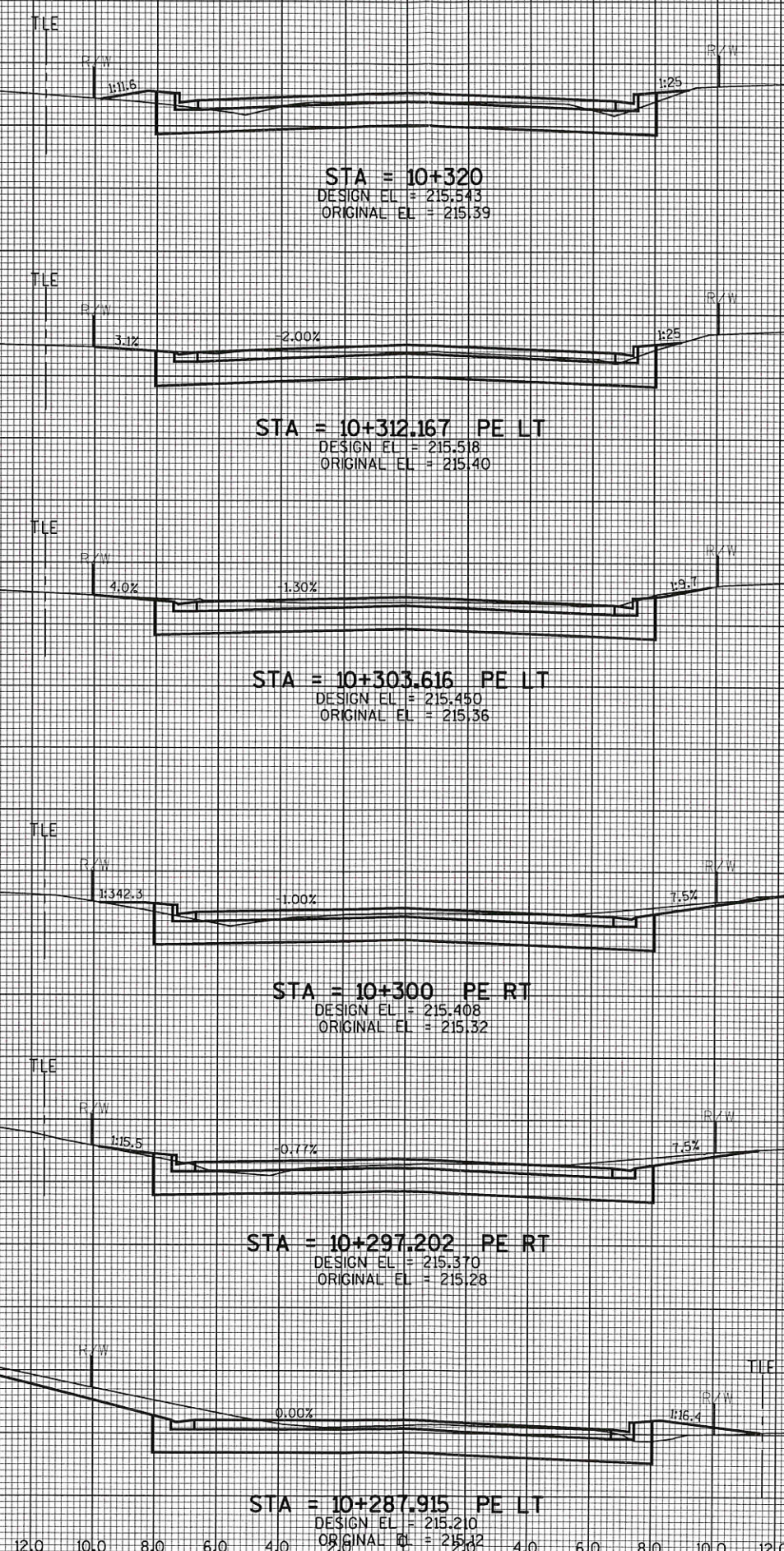
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216.00 215.00 214.00

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216.00 215.00 214.00

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CROSS SECTIONS



HWY: CTH SS

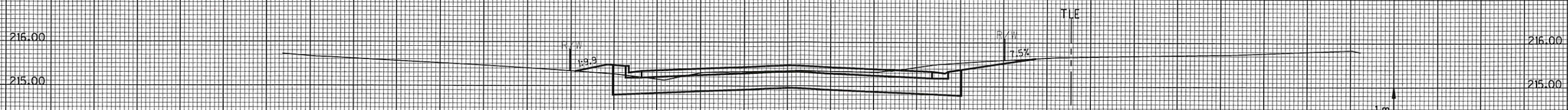
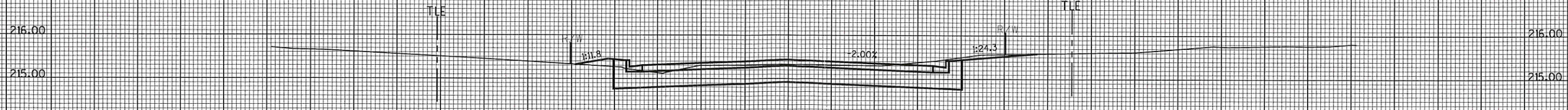
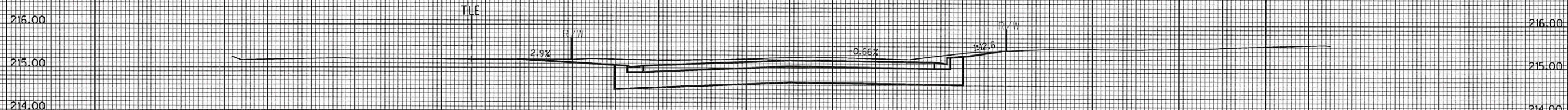
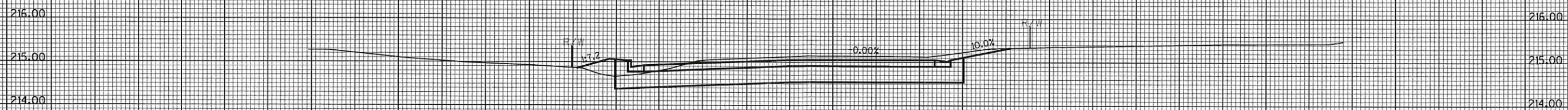
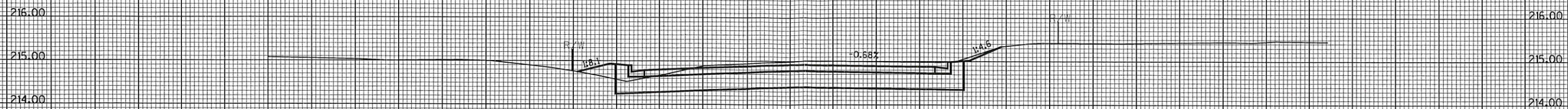
COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

36.0 34.0 32.0 30.0 28.0 26.0 24.0 22.0 20.0 18.0 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0



1 m
2 m

36.0 34.0 32.0 30.0 28.0 26.0 24.0 22.0 20.0 18.0 16.0 14.0 12.0 10.0 8.0 6.0 4.0 2.0 0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

CROSS SECTIONS



HWY: CTH SS

COUNTY: LA CROSSE

STATE PROJECT NO: 5991-02-19

SHEET NO: .

M

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

