

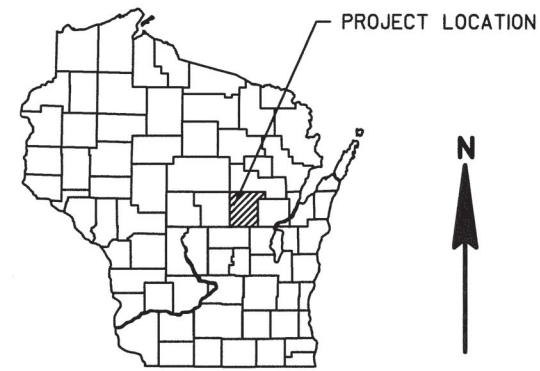
PROJECT ID: 6270-00-74
WITH: N/A

COUNTY: WAUPACA

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.	2018	=	4,600
A.A.D.T.	2038	=	5,900
D.H.V.		=	555
D.D.		=	59/41
T.		=	6.6%
DESIGN SPEED		=	30 MPH
ESALS		=	868,700

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

V IOLA, MAIN STREET

S BR LITTLE WOLF, B-68-0133

STH 49

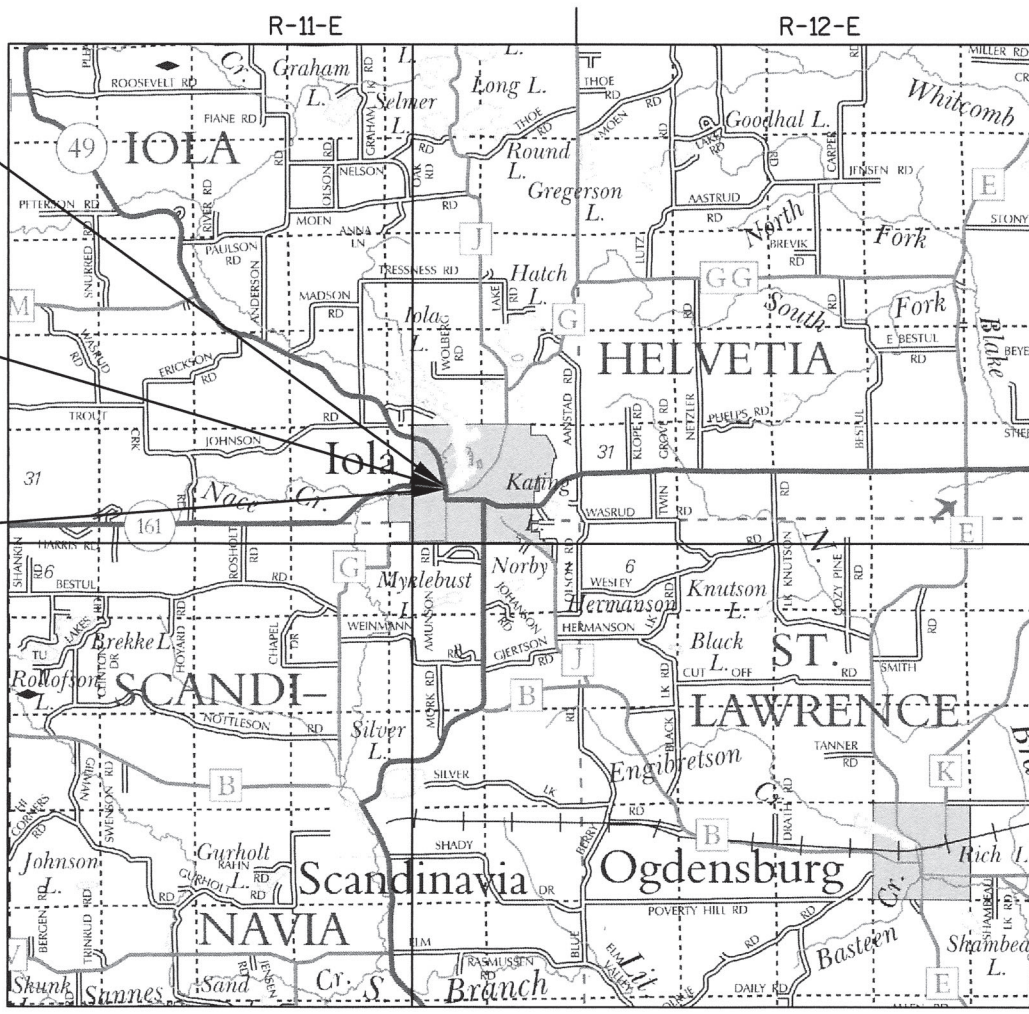
WAUPACA COUNTY

STATE PROJECT NUMBER
6270-00-74

END PROJECT 6270-00-74
STA 11+50.00

STRUCTURE B-68-0133

BEGIN PROJECT 6270-00-74
STA 9+28.00
Y = 397,095.145
X = 524,996.245



LAYOUT
SCALE 0 1 MI
TOTAL NET LENGTH OF CENTERLINE = 0.042 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, WAUPACA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. ELEVATIONS ON THE PLAN ARE REFERENCED TO NAVD 88.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6270-00-74		

ORIGINAL PLANS PREPARED BY

AECOM

WISCONSIN
PROFESSIONAL ENGINEER

RYAN N. BARZ
E-37634
AMHERST
WI

10/21/19 (Date) [Signature] (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AECOM TECHNICAL SERVICES
Designer	AECOM TECHNICAL SERVICES
Project Manager	WENDY ARNESON
Regional Examiner	CHERYL SIMON
Regional Supervisor	MICHAEL KRETSCHMER

APPROVED FOR THE DEPARTMENT

DATE: 10/22/19 [Signature] (Signature)

E

GENERAL NOTES

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

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS. IF EBS IS REQUIRED, IT SHALL BE MEASURED AND PAID FOR AS EXCAVATION COMMON. LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.

THE WISCONSIN DEPARTMENT OF TRANSPORTATION WILL FURNISH THE CONTRACTOR AN ALUMINUM MONUMENT TO SET IN THE STRUCTURE AS DESIGNATED BY THE ENGINEER.

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 = 0.585 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.294 ACRES

UTILITY CONTACTS

ALLIANT ENERGY (ELECTRIC)
ATTN: SCOTT FISHER
4040 2ND STREET
AMHERST JCT., WI 54407
715-824-3510 (OFFICE)
715-572-0569 (MOBILE)
SCOTTFISHER@ALLIANTENERGY.COM

ALLIANT ENERGY (GAS/PETROLEUM)
ATTN: SCOTT FISHER
4040 2ND STREET
AMHERST JCT., WI 54407
715-824-3510 (OFFICE)
715-572-0569 (MOBILE)
SCOTTFISHER@ALLIANTENERGY.COM

OTHER CONTACTS

DEPARTMENT OF NATURAL RESOURCES
ATTN: CASEY JONES
473 GRIFFITH DRIVE
WISCONSIN RAPIDS, WI 54494
715-421-7867
CASEY.JONES@WISCONSIN.GOV

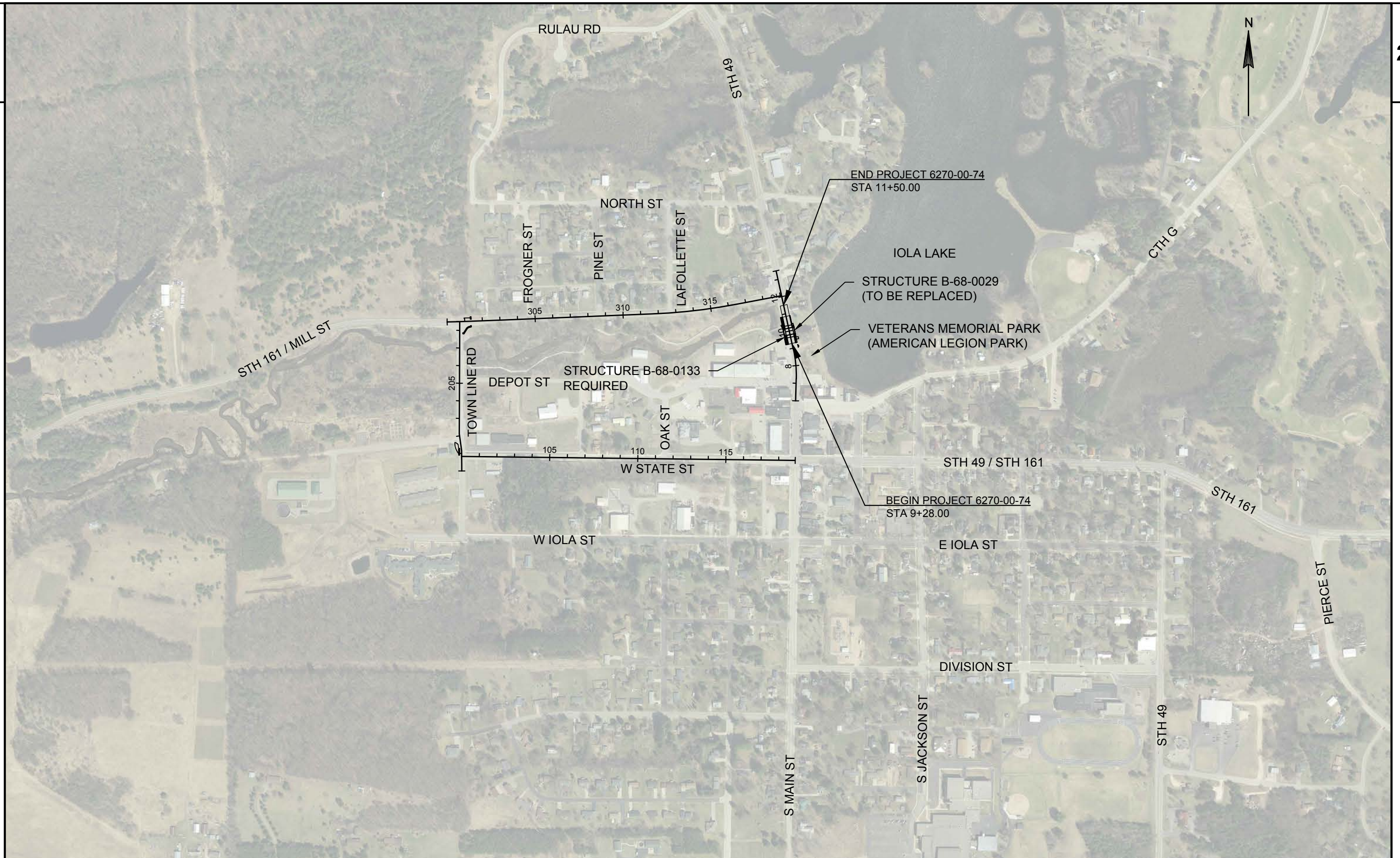
VILLAGE OF IOLA (WATER)
ATTN: GLEN TETZLAFF
PO BOX 336
IOLA, WI 54954
715-495-2612 (OFFICE)
715-281-5146 (MOBILE)
IOLAWWTP@TDS.NET

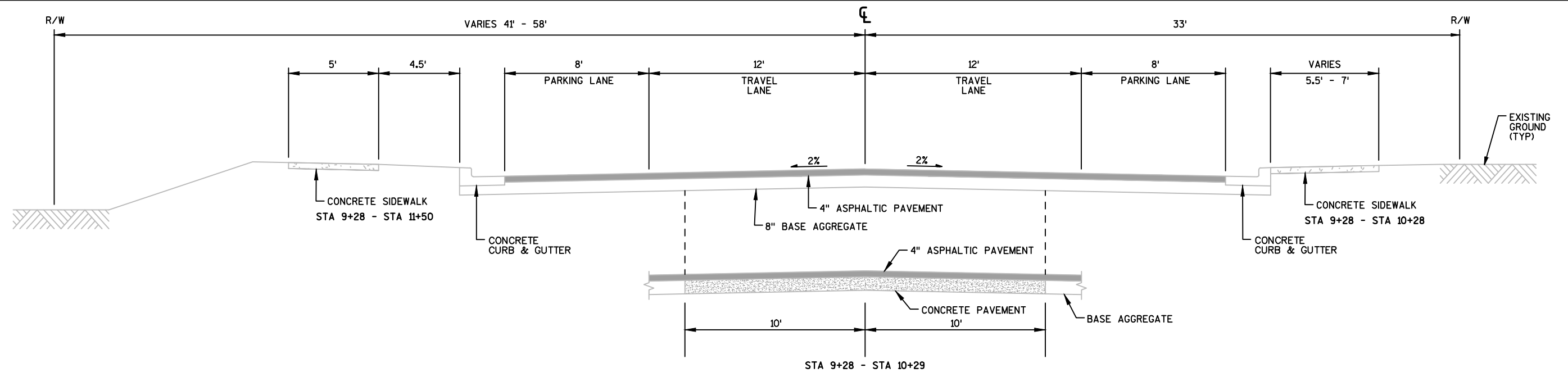
VILLAGE OF IOLA (SEWER)
ATTN: GLEN TETZLAFF
PO BOX 336
IOLA, WI 54954
715-495-2612 (OFFICE)
715-281-5146 (MOBILE)
IOLAWWTP@TDS.NET

MEDIACOM WISCONSIN LLC (COMMUNICATION)
ATTN: CRAIG EGGERT
1240 HIGHWAY 52 S
CHATFIELD, MN 55923
563-419-5160 (OFFICE/MOBILE)
CEGGERT@MEDIACOMCC.COM

AMHERST TELEPHONE COMPANY (COMMUNICATION)
ATTN: TOM IVERSON
120 MILL ST
PO BOX 279
AMHERST, WI 54406
715-824-2006 (OFFICE)
715-572-5630 (MOBILE)
TIVERSON@TVALLEYCOM.COM

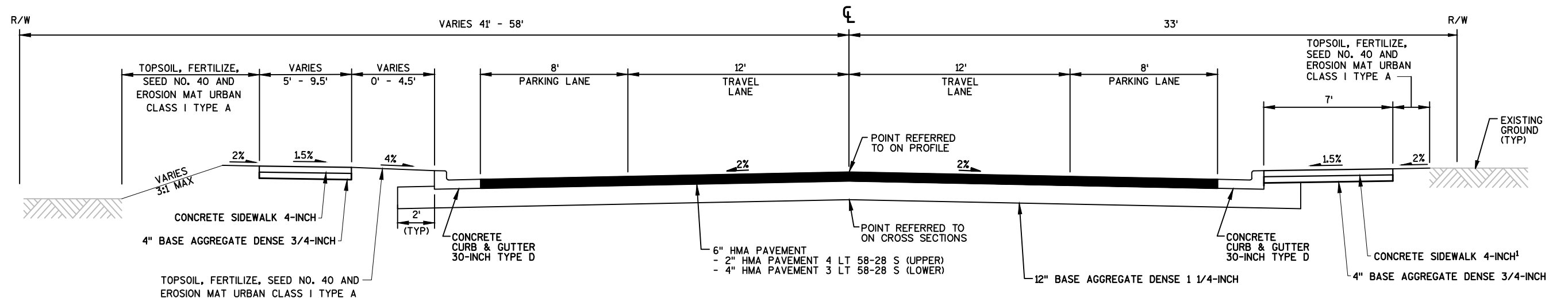






TYPICAL EXISTING SECTION - STH 49

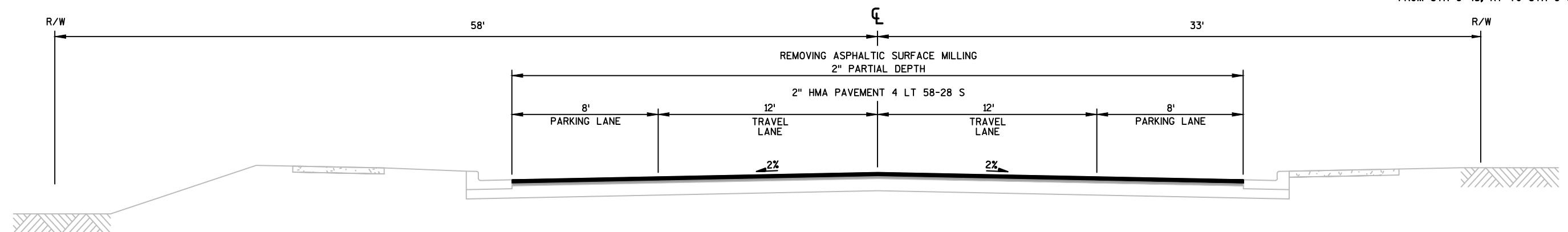
STA 9+28.00 - STA 9+64.41
STA 10+31.58 - STA 11+50.00



TYPICAL FINISHED SECTION - STH 49

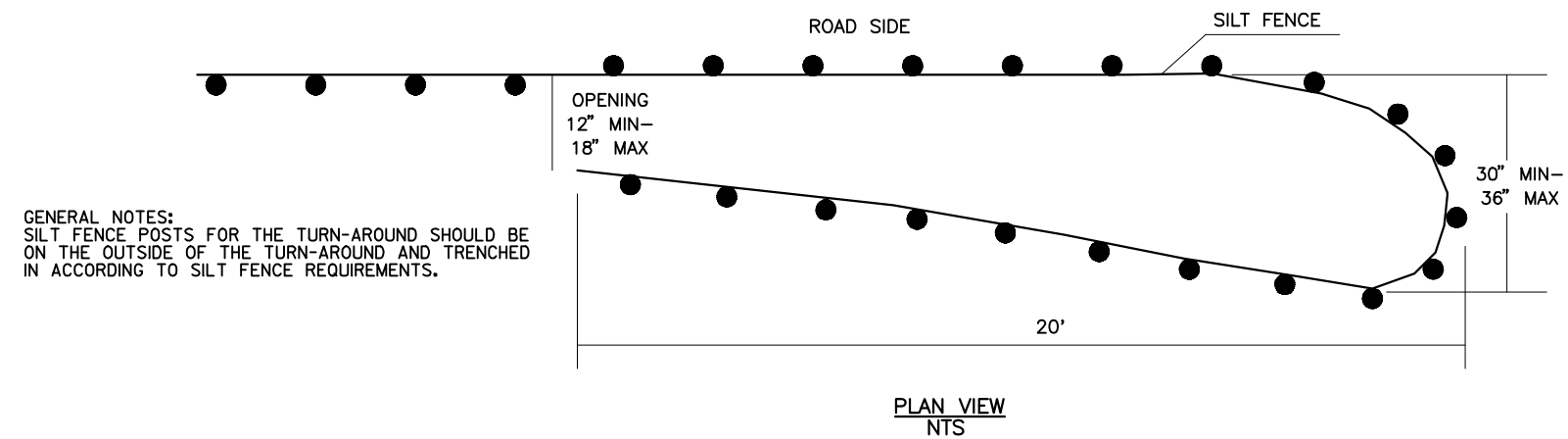
STA 9+28.00 - STA 9+64.41
STA 10+31.58 - STA 11+50.00

NOTE:
1 - CONCRETE SIDEWALK 6-INCH AND
6" BASE AGGREGATE DENSE 1 1/4-INCH
FROM STA 9+45, RT TO STA 9+60, RT



TYPICAL FINISHED SECTION - STH 49

STA 10+85.00 - STA 11+50.00



TEMPORARY SMALL ANIMAL TURN-AROUND DETAIL

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
5	201+58.17	SE FLANGE (BURY) BOLT ON HYDRANT	948.09

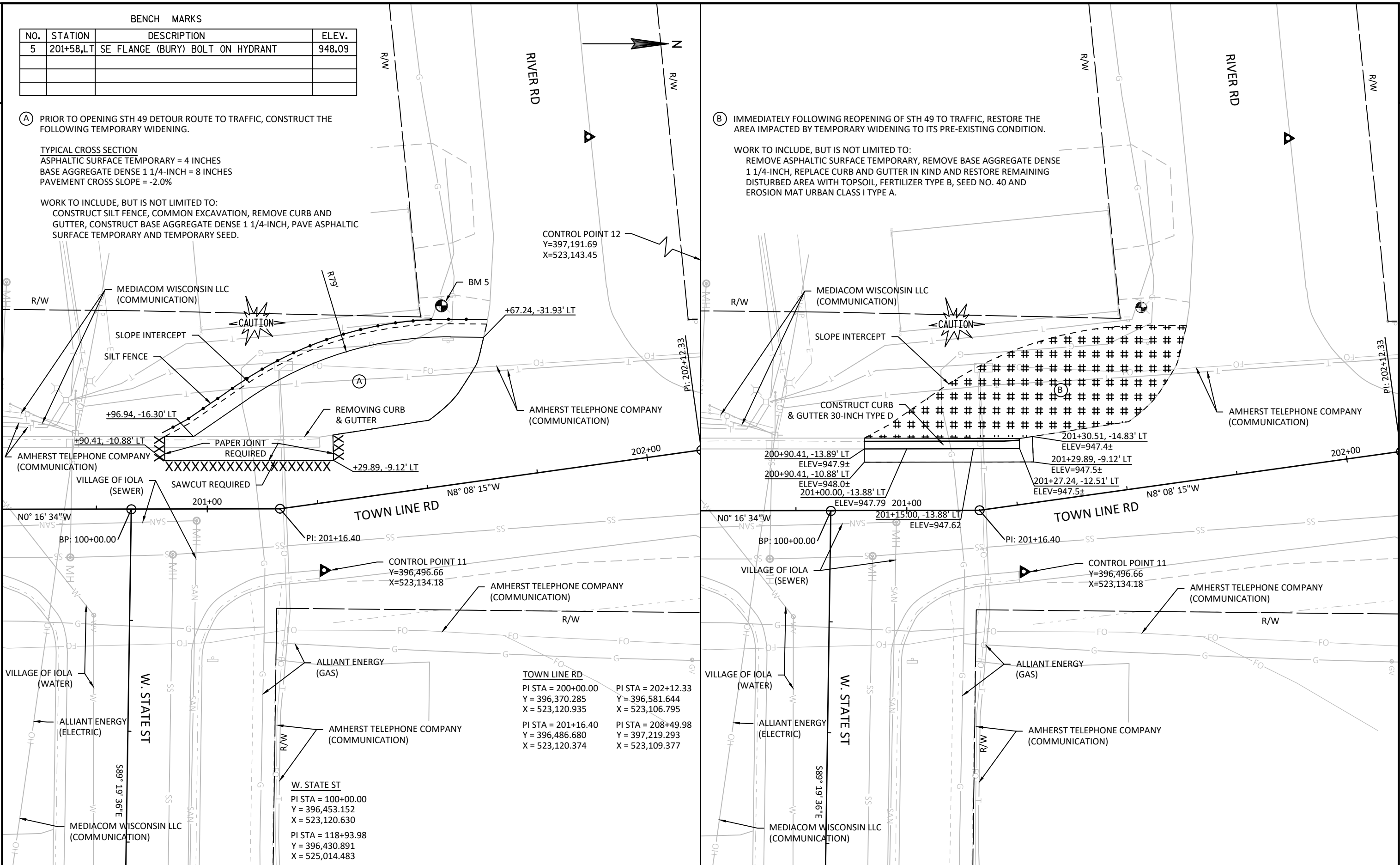
(A) PRIOR TO OPENING STH 49 DETOUR ROUTE TO TRAFFIC, CONSTRUCT THE FOLLOWING TEMPORARY WIDENING.

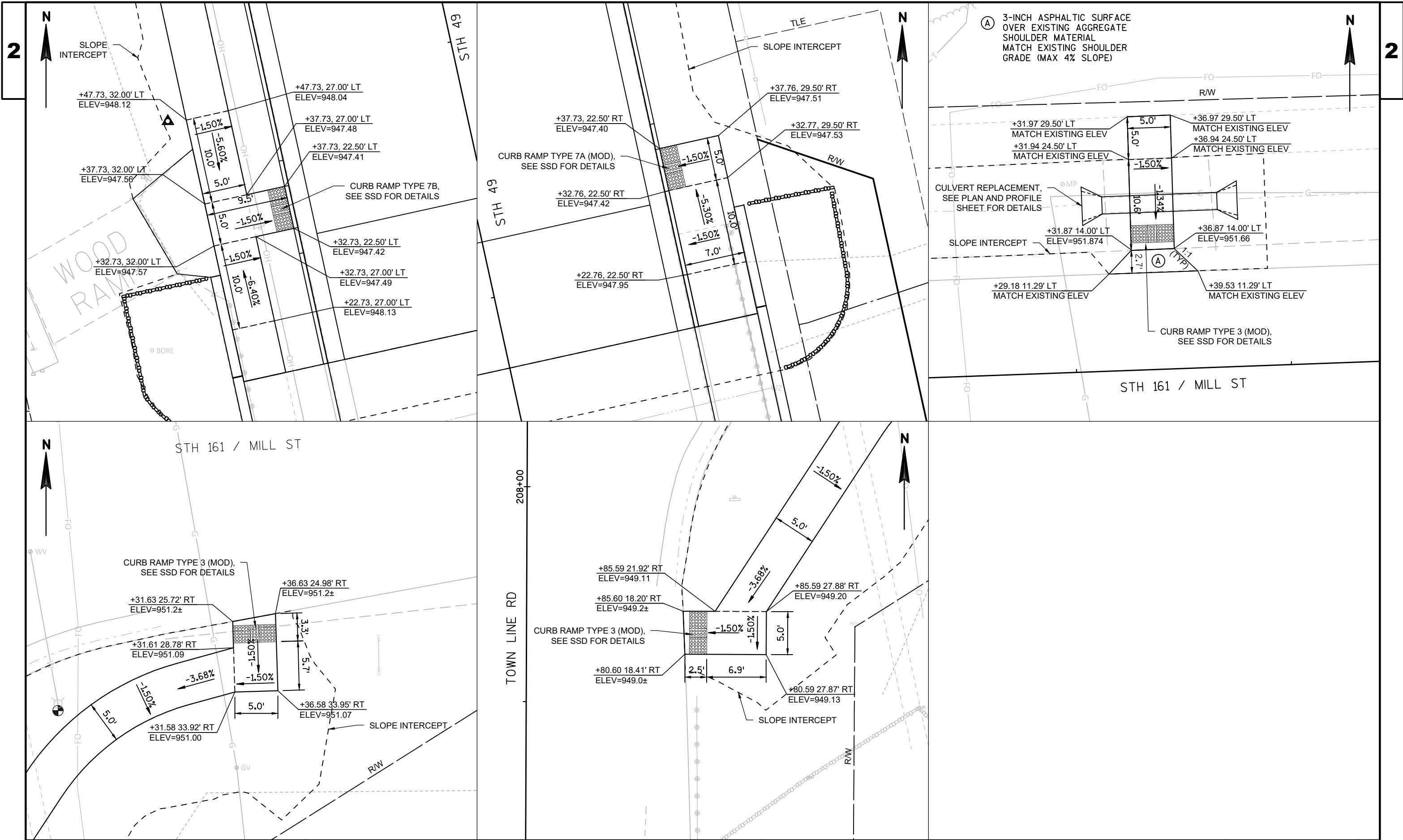
TYPICAL CROSS SECTION
ASPHALTIC SURFACE TEMPORARY = 4 INCHES
BASE AGGREGATE DENSE 1 1/4-INCH = 8 INCHES
PAVEMENT CROSS SLOPE = -2.0%

WORK TO INCLUDE, BUT IS NOT LIMITED TO:
CONSTRUCT SILT FENCE, COMMON EXCAVATION, REMOVE CURB AND GUTTER, CONSTRUCT BASE AGGREGATE DENSE 1 1/4-INCH, PAVE ASPHALTIC SURFACE TEMPORARY AND TEMPORARY SEED.

(B) IMMEDIATELY FOLLOWING REOPENING OF STH 49 TO TRAFFIC, RESTORE THE AREA IMPACTED BY TEMPORARY WIDENING TO ITS PRE-EXISTING CONDITION.

WORK TO INCLUDE, BUT IS NOT LIMITED TO:
REMOVE ASPHALTIC SURFACE TEMPORARY, REMOVE BASE AGGREGATE DENSE 1 1/4-INCH, REPLACE CURB AND GUTTER IN KIND AND RESTORE REMAINING DISTURBED AREA WITH TOPSOIL, FERTILIZER TYPE B, SEED NO. 40 AND EROSION MAT URBAN CLASS I TYPE A.





LEGEND

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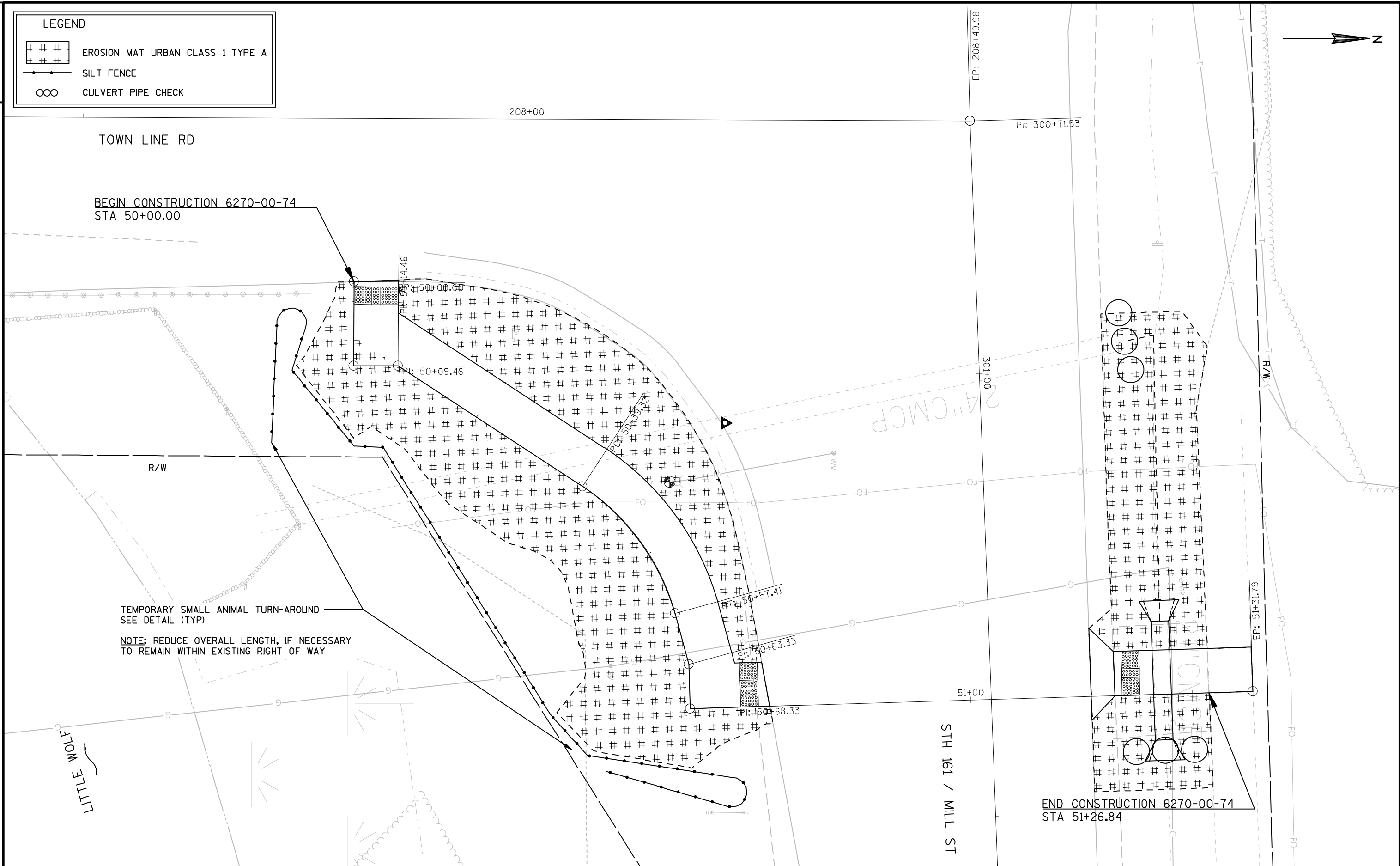
EROSION MAT URBAN CLASS 1 TYPE A

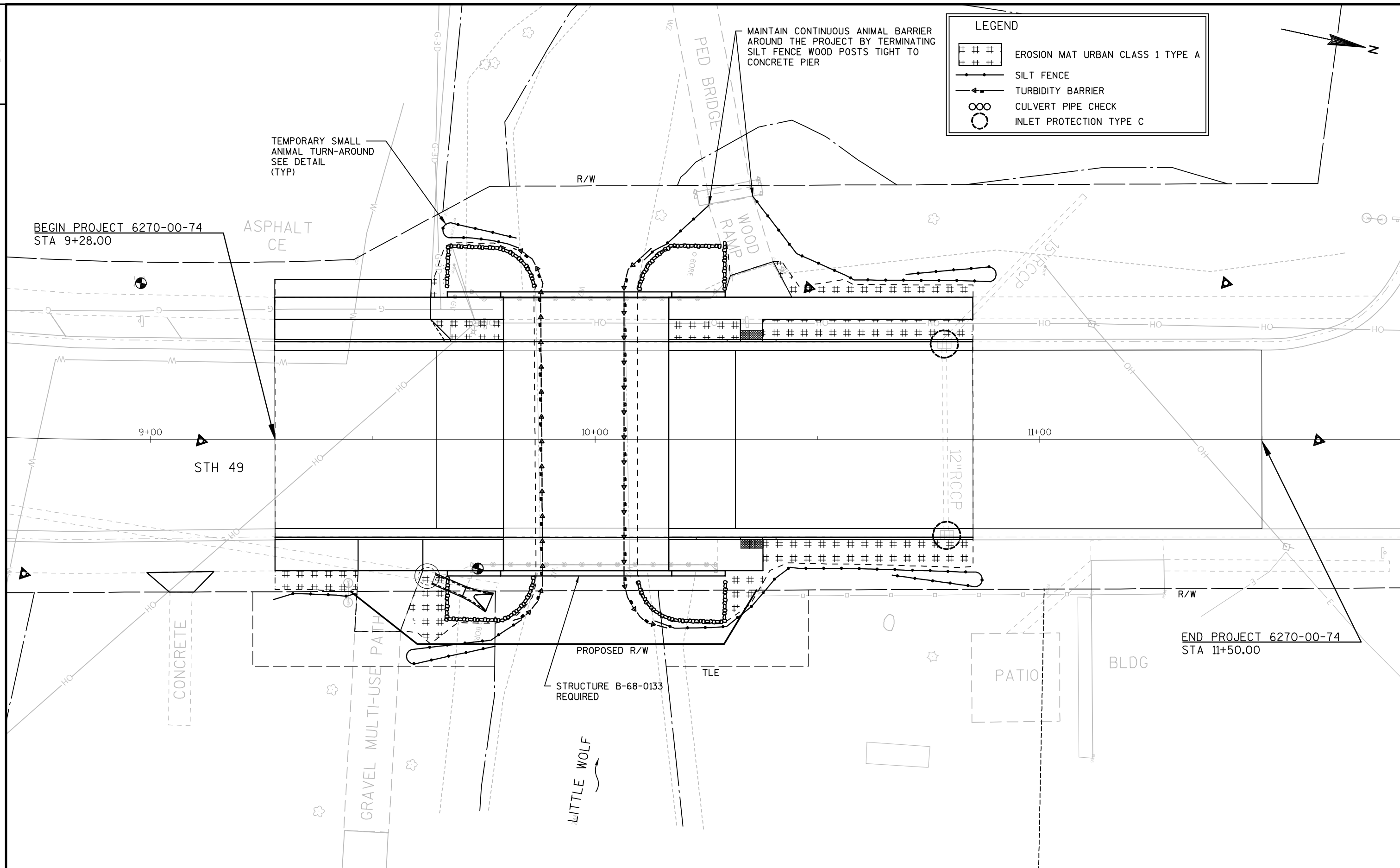
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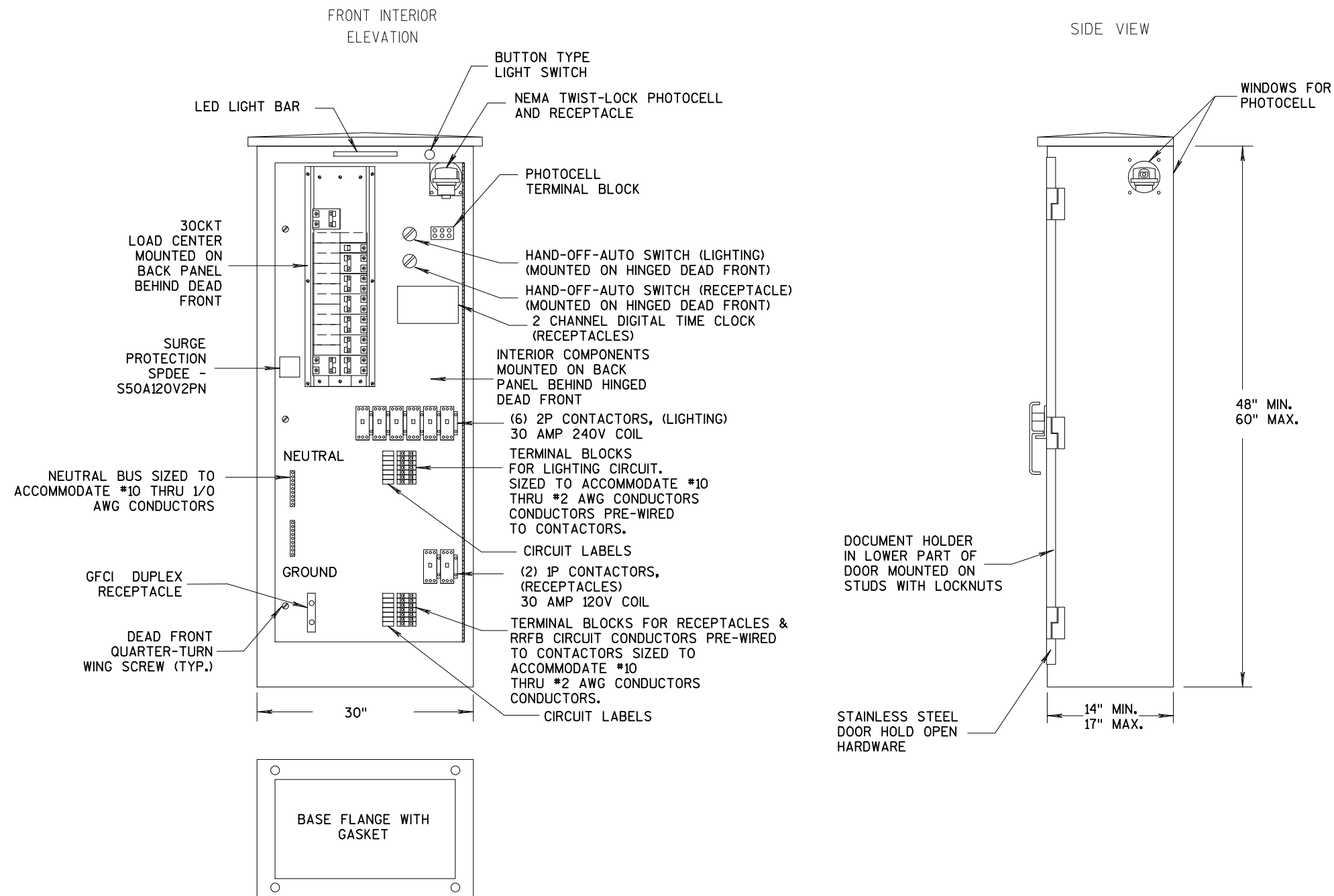
SILT FENCE

OOO

CULVERT PIPE CHECK







GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE-WIRED BY THE CABINET FABRICATOR.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

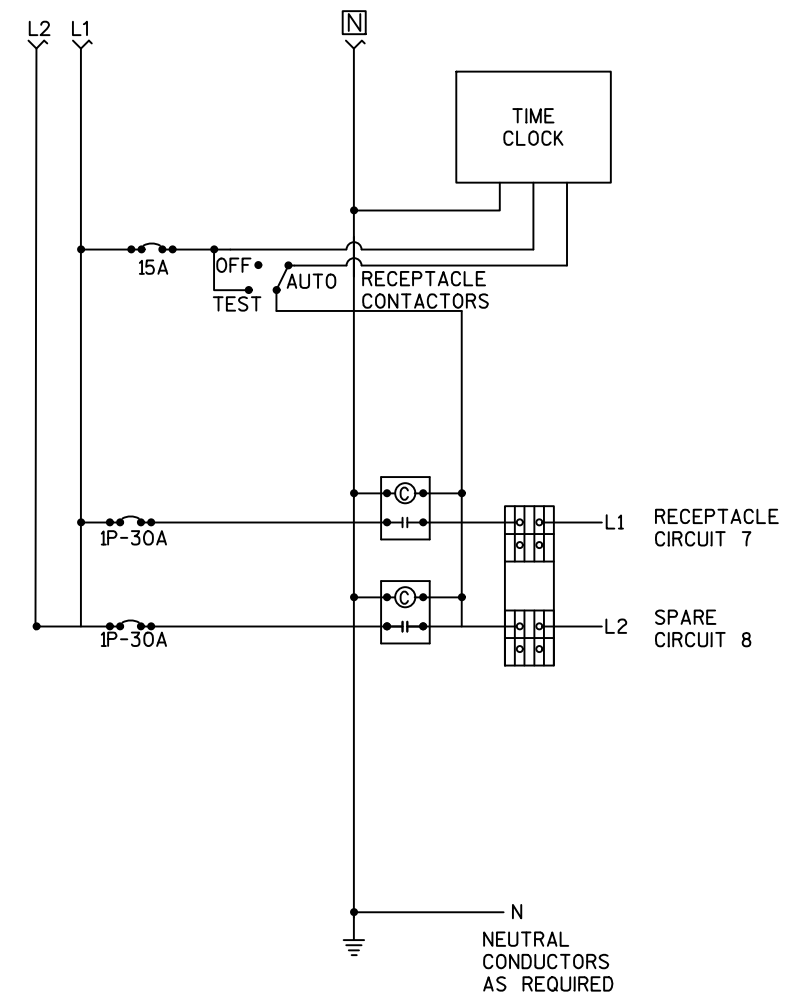
ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

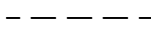
A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET 120/240 VOLT SPECIAL

LIGHTING CONTROL CABINET SPECIAL - LAYOUT
NO SCALE SHEET 1 OF 2



LEGEND

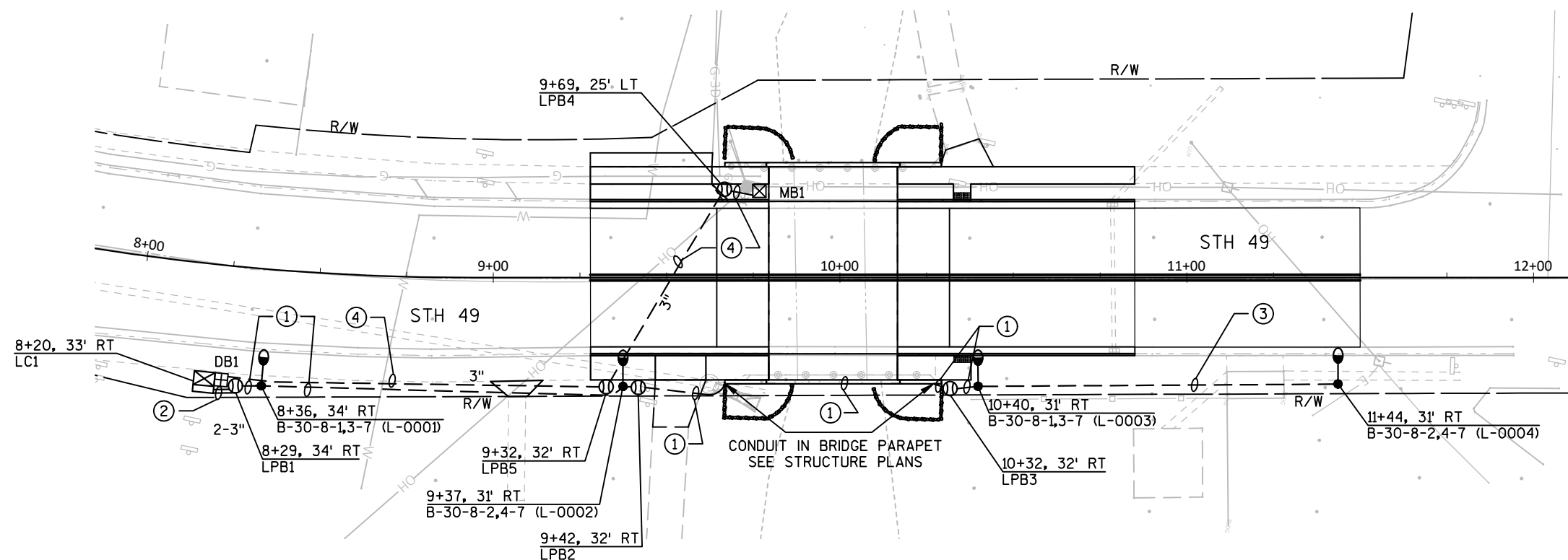
-  CONTROL CABINET
 ELECTRICAL SERVICE METER BREAKER PEDESTAL
 ELECTRICAL SERVICE BREAKER DISCONNECT BOX
 NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
 SINGLE ARM LIGHTING UNIT
 PULL BOX NON-CONDUCTIVE, 24" X 42"

LC1 - ELECTRICAL WIRING

- ① (6)*8 AND (1)*8 GROUND IN 2" C
 ② (6)*8 AND (1)*8 GROUND IN 3" C
 1-3" C EMPTY
 ③ (4)*8 AND (1)*8 GROUND IN 2" C
 ④ (3) #2 AND (1)*8 GROUND IN 3" C

STATION LOCATION

- STA. XX+XX', XX' LT
 B-30-8-X,X-X (L-000X)
 POLE NUMBER
 RECEPTACLE CIRCUIT
 LIGHTING CIRCUITS
 LUMINAIRE ARM LENGTH (FT)
 NOMINAL MOUNTING HEIGHTS (FT)
 LUMINAIRE TYPE

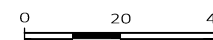


CONSTRUCTION NOTES:

- GRAYSHADE REPRESENTS EXISTING ROADWAY AND UTILITIES.
- THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED BY THE ENGINEER 5 WORKING DAYS PRIOR TO PLACING LIGHTING CABLE INTO SYSTEM.
- THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES.
- STUB-OUT THREE CONDUITS FOR FUTURE CONNECTIONS IN THE CONCRETE CONTROL CABINET BASE L-30. CONDUIT TO BE ORIENTED SOUTH AND PARALLEL TO THE SIDEWALK.
- MOUNT THE FESTOON RECEPTACLE BOX ON THE POLE 10 FEET ABOVE THE TOP OF THE TRANSFORMER BASE. MOUNT ONLY ONE DUPLEX FESTOON RECEPTACLE AND BOX ON EACH POLE. VERIFY THE MOUNTING HEIGHT OF FESTOON RECEPTACLE BOX WITH OWNER PRIOR TO INSTALLATION.

EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS OF ALL UTILITIES, INCLUDING SEWER AND WATER, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 3 WORKING DAYS PRIOR TO EXCAVATION.

SCALE, FEET

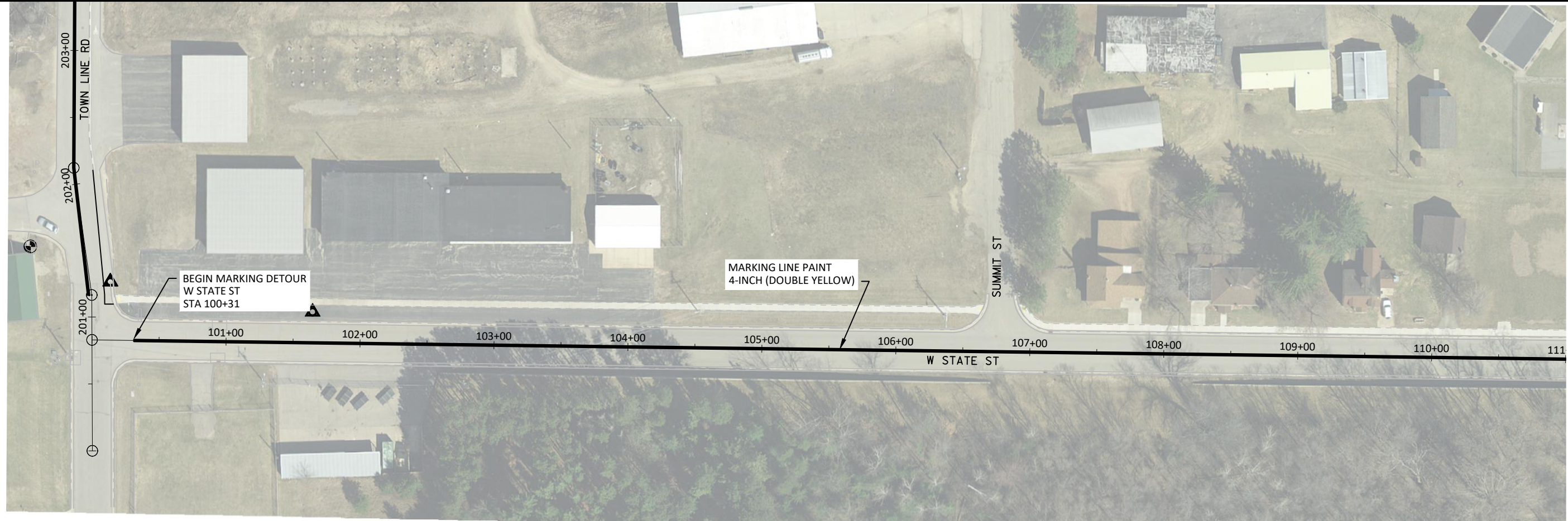


HIGHWAY LIGHTING
 STH 49
 VILLAGE OF IOLA
 WAUPACA COUNTY

OCTOBER 2019

PAGE 1 OF 1

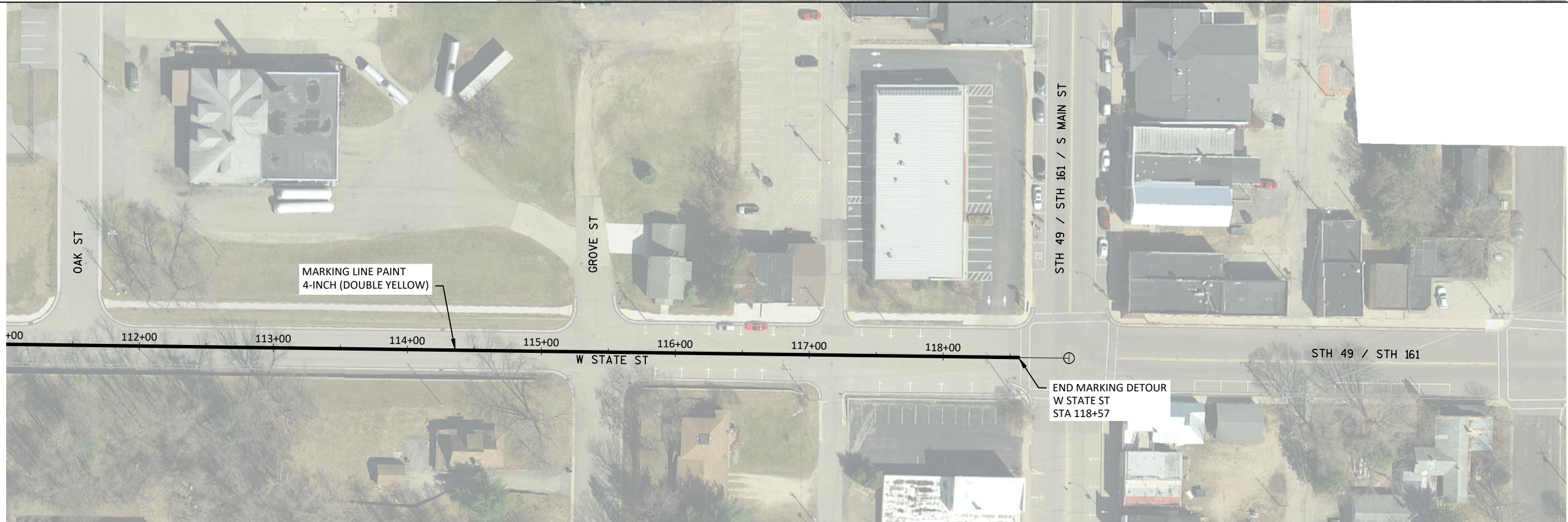
2



MATCHLINE STA. 111+00

2

MATCHLINE STA. 111+00



PROJECT NO:6270-00-74

HWY:STH 49

COUNTY:WAUPACA

DETOUR PAVEMENT MARKING

SHEET

E

FILE NAME : P:\60548152\900_WORK\910_CAD\60548152\SHEETSPLAN\0245-PM.DWG
LAYOUT NAME - *****

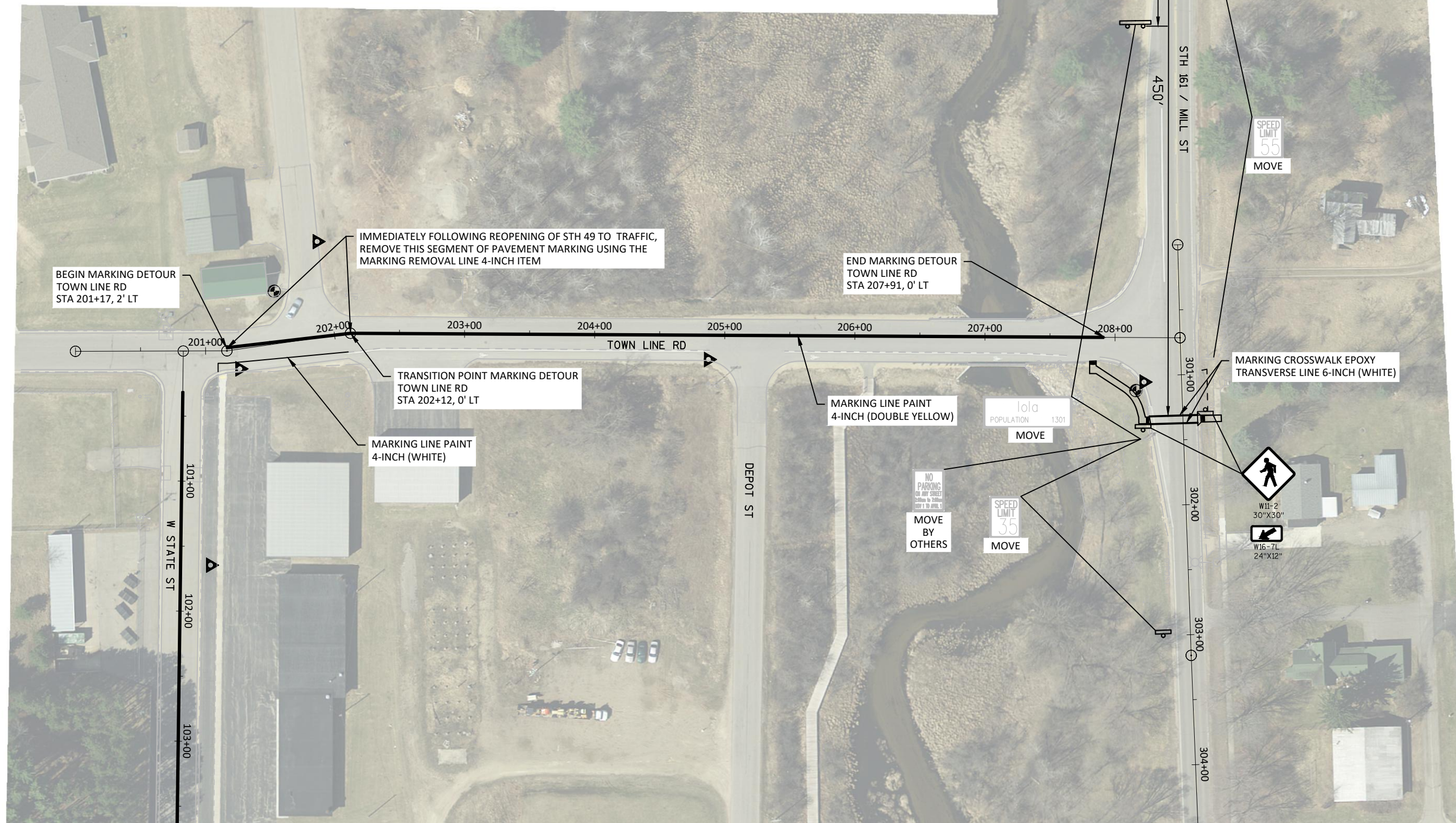
PLOT DATE : 10/30/2019 5:41 PM

PLOT BY : DOLAN, ISAAC

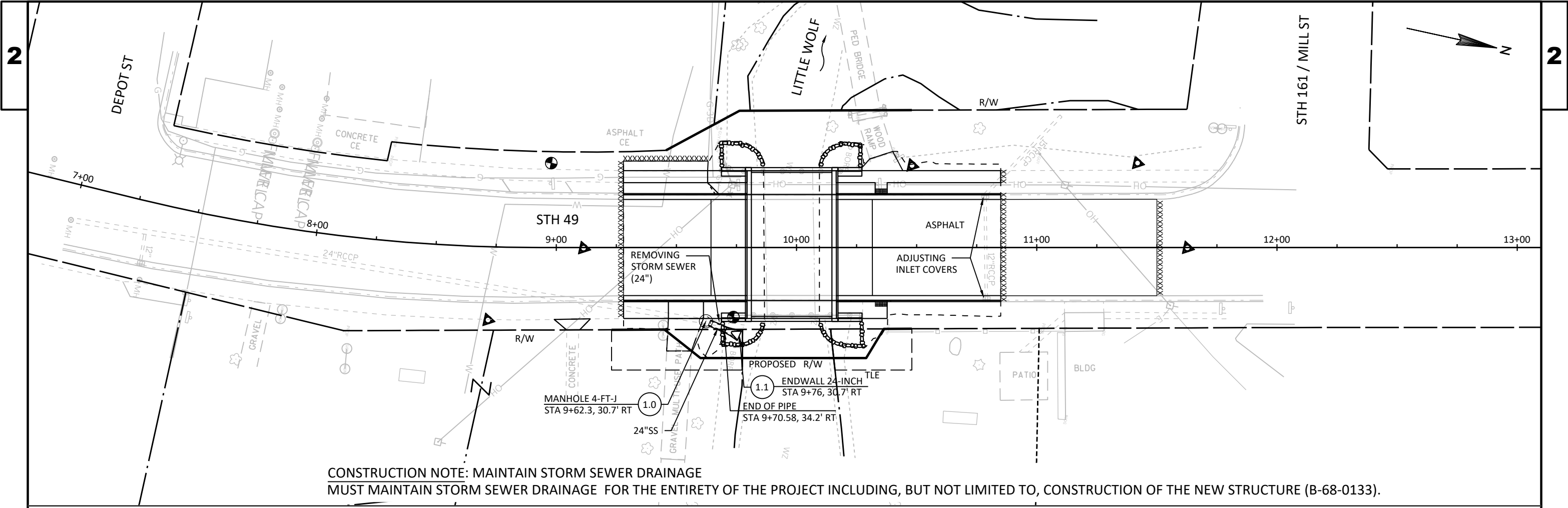
PLOT NAME :

PLOT SCALE : 1 IN:80 FT

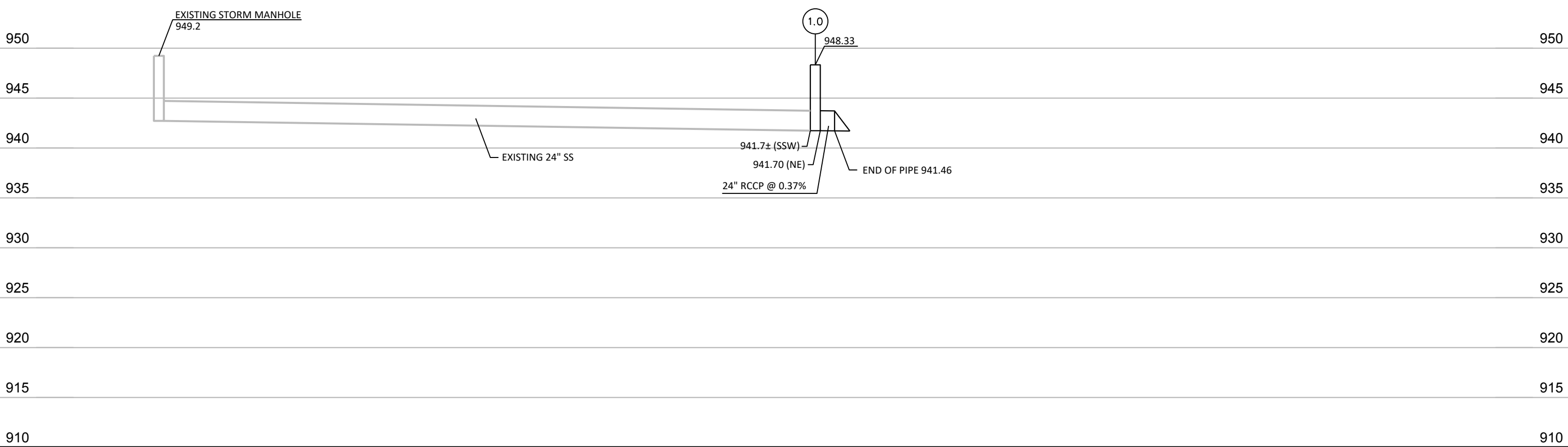
WISDOT/CADDs SHEET 42



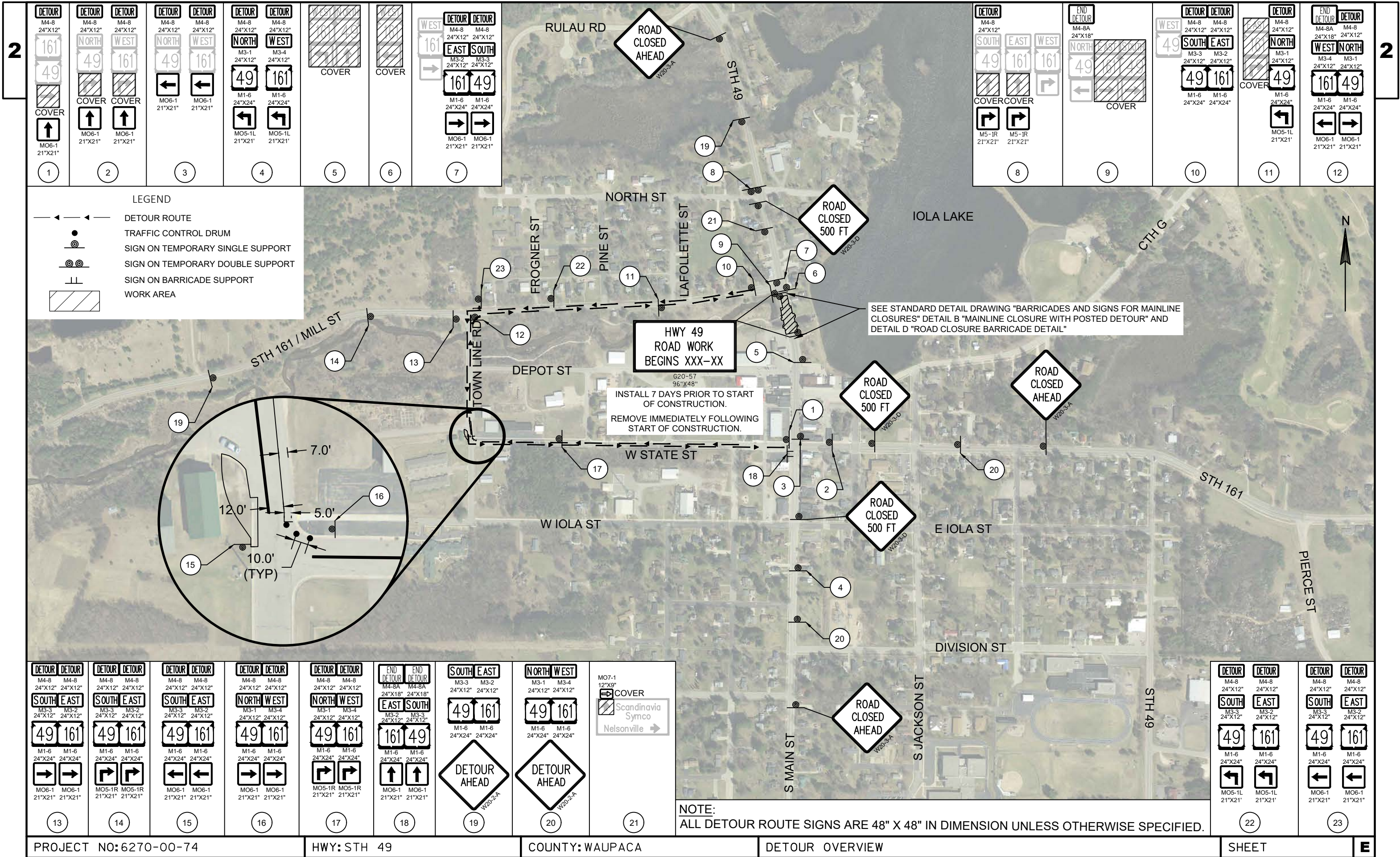




CONSTRUCTION NOTE: MAINTAIN STORM SEWER DRAINAGE
MUST MAINTAIN STORM SEWER DRAINAGE FOR THE ENTIRETY OF THE PROJECT INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION OF THE NEW STRUCTURE (B-68-0133).



PROJECT NO:6270-00-74	HWY:STH 49	COUNTY:WAUPACA	STORM SEWER	SHEET	E
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PROJECT NO:6270-00-74

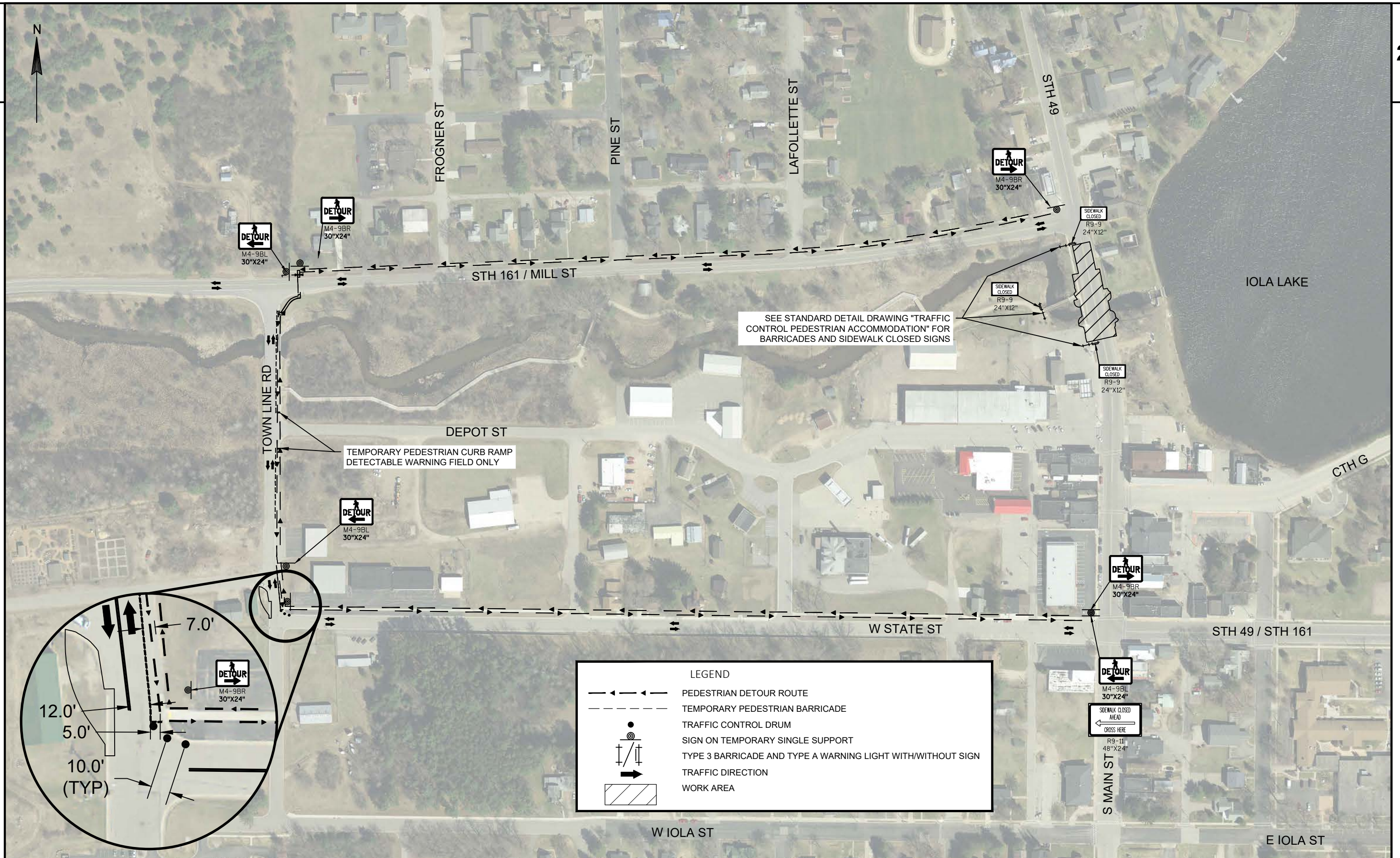
HWY: STH 49

COUNTY: WAUPACA

DETOUR OVERVIEW

SHEET

E



EARTHWORK

FROM/TO STATION	LOCATION	COMMON EXCAVATION (1) (ITEM #205.0100)	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (3)	AVAILABLE MATERIAL (4)	UNEXPANDED FILL	EXPANDED FILL (5)	MASS ORDINATE +/- (6)	WASTE	BORROW (ITEM #208.0100)	COMMENT
		CUT (2)				FACTOR 1.25				
200+90 to 201+67	CONSTRUCT TEMP. WIDENING - W. STATE ST / TOWN LINE RD INT	42	0	42	0	0	41	41	0	
50+01 to 51+27	SIDEWALK - STH 161 / TOWN LINE RD INT	10	0	10	11	13	-3	0	0	SEE NOTE 7
9+28 to 10+85	BRIDGE REPLACEMENT - STH 49, MAINLINE	370	118	252	25	32	220	220	0	
200+97 to 201+67	REMOVE TEMP. WIDENING - W. STATE ST / TOWN LINE RD INT	42	14	28	42	52	-25	0	0	SEE NOTE 7
		463	132	331	78	98	234	261	0	
GRAND TOTAL COMMON EXC.		463	GRAND TOTAL BORROW							0

- 1) COMMON EXCAVATION IS THE SUM OF THE CUT COLUMN. ITEM NUMBER 205.0100
- 2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT QUANTITY.
- 3) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS BITUMINOUS/CONCRETE MATERIAL THAT IS EXCLUDED FROM AVAILABLE MATERIAL QUANTITY.
- 4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
- 5) EXPANDED FILL. EXPANSION FACTOR = 1.25
- 6) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE WORK. A PLUS (POSITIVE) QUANTITY INDICATES AN EXCESS OF MATERIAL FOR THE WORK QUANTIFIED. A MINUS (NEGATIVE) INDICATES A SHORTAGE OF MATERIAL.
- 7) USE 41 CY FROM "CONSTRUCT TEMP. WIDENING - W. STATE ST / TOWN LINE RD INT" WORK IN PLACE OF BORROW MATERIAL.

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

3

REMOVING PIPE

						203.0100 REMOVING SMALL PIPE CULVERTS	204.0245 REMOVING STORM SEWER 24-INCH
STATION	- STATION	OFFSET	SIZE (IN)	TYPE	LENGTH (FT)	EACH	LF
301+35		19' LT	21	CMCP	18	1	---
9+62	- 9+78	33' RT	24	CMCP	---	---	16
PROJECT 6270-00-74 TOTAL						1	16

REMOVING PAVEMENT

		204.0100 REMOVING PAVEMENT
STATION	- STATION	SY
9+28	- 10+29	230 **
UNDISTRIBUTED		25
PROJECT 6270-00-74 TOTAL		255

** Note: Removing Pavement item is for underlying existing concrete pavement, see Typical Section for more information.

REMOVING ASPHALTIC SURFACE MILLING

		204.0120 REMOVING ASPHALTIC SURFACE MILLING
STATION	- STATION	LOCATION SY
10+85	- 11+50	STH 49, 2.00" DEPTH 290
PROJECT 6270-00-74 TOTAL		290

3

REMOVING CURB & GUTTER

		204.0150 REMOVING CURB & GUTTER
STATION	- STATION	OFFSET LF
9+28	- 10+85	RT 160
9+28	- 10+85	LT 160
200+92	- 201+27	LT 33
PROJECT 6270-00-74 TOTAL		353

REMOVING SIDEWALK

		204.0155 REMOVING CONCRETE SIDEWALK
STATION	- STATION	OFFSET SY
8+99	- 9+14	RT 6
9+28	- 10+28	RT 66
9+28	- 10+85	LT 87
301+32	- 301+37	LT 3
PROJECT 6270-00-74 TOTAL		162

REMOVING GUARDRAIL

		204.0165 REMOVING GUARDRAIL
STATION	- STATION	OFFSET LF
9+73	- 10+27	RT 56
9+73	- 10+27	LT 56
PROJECT 6270-00-74 TOTAL		112

FINISHING ROADWAY

		213.0100 FINISHING ROADWAY
PROJECT		EACH
6270-00-74		1
PROJECT 6270-00-74 TOTAL		1

BASE AGGREGATE DENSE

		305.0110 3/4-INCH	305.0120 1 1/4-INCH	624.0100 WATER MGAL
STATION	- STATION	TON	TON	
8+99	- 9+14	1	---	0.1
9+28	- 9+64	---	140	1.4
9+28	- 9+79	9	---	0.1
9+45		---	18	0.2
9+46	- 9+61	4	---	0.1
9+63	- 9+79	2	---	0.1
9+64	- 9+79	---	28	0.3
10+17	- 10+37	4	---	0.1
10+17	- 10+85	10	---	0.1
10+17	- 10+32	---	28	0.3
10+36		---	4	0.1
9+28	- 9+64	---	200	2.0
200+97	- 201+67	---	44	0.5
300+87	- 301+37	10	---	0.1
301+35		2	---	0.1
6270-00-74		9	93	2
PROJECT 6270-00-74 TOTAL		51	555	7.6

CONCRETE ITEMS

		415.0410 CONCRETE PAVEMENT	416.0160 CONCRETE DRIVEWAY	602.0405 CONCRETE SIDEWALK	NOTES
STATION	- STATION	APPROACH SLAB SY	6-INCH SY	4-INCH SF	
8+99	- 9+14	---	---	48	MAINTAIN FULL CURB HEAD THROUGH LIMITS
9+28	- 9+47	---	---	140	
9+47	- 9+61	---	12	---	
9+61	- 9+79	---	---	130	
9+48		---	39	---	
9+63	- 9+79	---	---	82	
9+64	- 9+79	67	---	---	
10+16	- 10+32	67	---	---	
10+16	- 10+38	---	---	150	
10+16	- 10+38	---	---	370	
300+87	- 301+37	---	---	370	
301+34		---	---	70	
PROJECT 6270-00-74 TOTAL		134	51	1,360	

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

3

ASPHALTIC ITEMS

				450.4000 HMA COLD WEATHER PAVING	455.0605 TACK COAT	460.5223 HMA PAVEMENT 3 LT 58-28 S	460.5224 HMA PAVEMENT 4 LT 58-28 S	465.0105 ASPHALTIC SURFACE	465.0125 ASPHALTIC SURFACE TEMPORARY
STATION	-	STATION	LOCATION	TON	GAL	TON	TON	TON	TON
9+28	-	9+64	STH 49, MAINLINE	15	12	38	19	---	---
		9+46	CE DRIVEWAY, LT	---	---	---	---	3	---
10+32	-	10+85	STH 49, MAINLINE	14	---	56	---	---	---
10+32	-	11+50	STH 49, MAINLINE	16	38	---	62	---	---
		10+36	PEDESTRIAN BRIDGE, LT	---	---	---	---	2	---
200+90	-	201+67	TOWN LINE RD TEMPORARY WIDENING	---	---	---	---	---	23
200+90	-	201+30	TOWN LINE RD CURB & GUTTER PATCH	---	---	---	---	4	---
301+29	-	301+40	STH 161 PED RAMP PAVED SHOULDER	---	---	---	---	1	---
PROJECT 6270-00-74 TOTAL				45	50	94	81	10	23

CULVERT PIPES

		521.1224 APRON ENDWALLS FOR PIPE ARCH STEEL 24X18-INCH	521.3724 PIPE ARCH CORRUGATED STEEL 24X18-INCH
STATION	OFFSET	EACH	LF
51+22	CROSS	2	14
PROJECT 6270-00-74 TOTAL		2	14

3

STORM SEWER

STRUCTURE NUMBER	STATION	OFFSET	LOCATION	FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER	INVERT ELEVATION	DISCHARGE ELEVATION	RIM OR FLANGE LINE ELEVATION	STRUCTURE LOWEST INVERT ELEVATION	INVERT DEPTH
MH 1.0	9+62	30.7', RT	STH 49	---	---	---	---	948.33	941.70	6.63
---	---	---	STH 49	MH 1.0	EW 1.1	941.70	941.46	---	---	---
EW 1.1	9+76	36.6', RT	STH 49	---	---	---	---	---	---	---
EX INLET	10+79	21.5', RT	STH 49	---	---	---	---	---	---	---
EX INLET	10+79	21.5', LT	STH 49	---	---	---	---	---	---	---

CONCRETE CURB & GUTTER

			601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D	
STATION	-	STATION	LOCATION	LF	LF
9+28	-	9+64	STH 49, RT<	---	72
9+64	-	9+79	STH 49, RT<	30	---
10+17	-	10+32	STH 49, RT<	30	---
10+32	-	10+84	STH 49, RT<	---	104
200+90	-	201+27	TOWN LINE RD, LT	---	36
PROJECT 6270-00-74 TOTAL				60	212

CURB RAMP DETECTABLE WARNING FIELD

		602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW
STATION	LOCATION	SF
10+35	RT	10
10+35	LT	10
300+88	RT	10
301+34	RT	10
301+34	LT	10
PROJECT 6270-00-74 TOTAL		50

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

MAINTENANCE AND REPAIR OF HAUL ROADS

618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS	
PROJECT	EACH
6270-00-74	1
PROJECT 6270-00-74 TOTAL	
	1

MOBILIZATION

619.1000 MOBILIZATION	
PROJECT	EACH
6270-00-74	1
PROJECT 6270-00-74 TOTAL	
	1

EROSION CONTROL MOBILIZATION

628.1905 MOBILIZATIONS EROSION CONTROL		628.1910 MOBILIZATION EMERGENCY EROSION CONTROL
PROJECT	EACH	EACH
6270-00-74	2	2
UNDISTRIBUTED	1	1
PROJECT 6270-00-74 TOTAL		3

LANDSCAPING

				625.0100 TOPSOIL	628.2006 EROSION MAT URBAN CLASS I TYPE A	629.0210 FERTILIZER TYPE B	630.0140 SEEDING MIXTURE NO. 40	630.0500 SEED WATER
STATION	-	STATION	LOCATION	SY	SY	CWT	LB	MGAL
9+28	-	9+46	RT	9	9	0.01	0.2	3
9+58	-	9+69	RT	16	16	0.01	0.3	6
9+63	-	9+78	LT	12	12	0.01	0.3	4
10+27	-	10+30	LT	1	1	0.00	0.1	1
10+27	-	10+85	RT	40	40	0.03	0.8	14
10+40	-	10+85	RT	15	15	0.01	0.3	5
200+90	-	201+68	LT	120	120	0.07	2.1	39
300+87	-	301+42	RT	70	70	0.04	1.3	23
301+30	-	301+39	LT	48	48	0.03	0.9	17
6270-00-74 UNDISTRIBUTED				89	89	0.72	1.2	28
PROJECT 6270-00-74 TOTAL				420	420	1	8	140

EROSION CONTROL

				628.1504 SILT FENCE	628.1520 SILT FENCE MAINTENANCE	628.6005 TURBIDITY BARRIERS	628.7015 INLET PROTECTION TYPE C	628.7555 CULVERT PIPE CHECKS	628.7570 ROCK BAGS
STATION	-	STATION	OFFSET	LF	LF	SY	EACH	EACH	EACH
9+57	-	9+83	RT	50	50	---	---	---	---
9+66	-	9+83	LT	37	37	---	---	---	---
		9+88	LT/RT	---	---	63	---	---	---
		10+06	LT/RT	---	---	65	---	---	---
10+06	-	10+26	LT	20	20	---	---	---	---
10+13	-	10+87	RT	104	104	---	---	---	---
10+38	-	10+90	LT	85	85	---	---	---	---
		10+79	RT	---	---	---	1	---	---
		10+79	LT	---	---	---	1	---	---
		300+97	LT	---	---	---	---	3	---
		301+43	LT	---	---	---	---	3	---
UNDISTRIBUTED				34	34	22	1	1	6
PROJECT 6270-00-74 TOTAL				330	330	150	3	7	6

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

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PERMANENT SIGNING

			634.0616 POSTS WOOD 4X6-INCH 16-FT	634.0618 POSTS WOOD 4X6-INCH 18-FT	634.0816 POSTS TUBULAR STEEL 2x2-INCH 16-FT	637.2230 SIGNS TYPE II REFLECTIVE F	638.2102 MOVING SIGNS TYPE II	638.4000 MOVING SMALL SIGN SUPPORTS	
STATION	OFFSET	SIGN CODE	EACH	EACH	EACH	SF	EACH	EACH	REMARKS
9+45	34.5' RT	D1-60	---	---	---	---	1	2	ELDERON/NELSONVILLE
9+75	26.0' LT	R2-1	---	---	---	---	1	---	SPEED LIMIT 25 MPH (REATTACH TO NEW UTILITY POLE WHEN REPLACED)
10+25	24.5' LT	M3-3	---	---	---	---	1	1	SOUTH
---	---	M3-3	---	---	---	---	---	---	EAST (ON SAME POSTS AS M3-3 AT STA. 10+25, 24.6' LT)
---	---	M1-6	---	---	---	---	---	---	STH 49 (ON SAME POSTS AS M3-3 AT STA. 10+25, 24.6' LT)
---	---	M1-6	---	---	---	---	---	---	STH 161 (ON SAME POSTS AS M3-3 AT STA. 10+25, 24.6' LT)
10+42	38.0' LT	R5-3	---	---	---	---	1	1	NO MOTORIZED VEHICLES ALLOWED
10+44	24.5' RT	W11-2	---	---	1	6.25	---	---	PEDESTRIAN CROSSING
---	---	W16-7L	---	---	---	2.00	---	---	DIAGONAL ARROW LEFT (ON SAME POST AS W11-2 AT STA. 10+44, 24.5' RT)
10+44	24.5' LT	W11-2	---	---	1	6.25	---	---	PEDESTRIAN CROSSING
---	---	W16-7L	---	---	---	2.00	---	---	DIAGONAL ARROW LEFT (ON SAME POST AS W11-2 AT STA. 10+44, 24.5' LT)
---	---	W16-9P	---	---	---	3.75	---	---	AHEAD (ON SAME POST AS W11-2 AT STA. 296+81±, 24.0' RT)
296+81±	24.0' RT	W11-2	---	1	---	9.00	---	---	PEDESTRIAN CROSSING
300+85	20.5' LT	R2-1	---	---	---	---	1	1	SPEED LIMIT 55 MPH
301+40	28.0' RT	W11-2	1	---	---	9.00	---	---	PEDESTRIAN CROSSING
---	---	W16-7L	---	---	---	3.75	---	---	DIAGONAL ARROW LEFT (ON SAME POST AS W11-2 AT STA. 301+40, 28.0' RT)
301+30	16.0' LT	W11-2	1	---	---	6.25	---	---	PEDESTRIAN CROSSING
---	---	W16-7L	---	---	---	2.00	---	---	DIAGONAL ARROW LEFT (ON SAME POST AS W11-2 AT STA. 301+40, 16.0' LT)
301+48	28.5' RT	I2-3	---	---	---	---	1	2	IOLA POPULATION 1301
---	---	R2-1	---	1	---	---	1	---	SPEED LIMIT 35 MPH (ON SAME POSTS AS I2-3 AT STA. 301+48, 28.5' RT)
PROJECT 6270-00-74 TOTAL			2	2	2	50.25	7	7	

FIELD OFFICE

		642.5201 TYPE C EACH
PROJECT		
6270-00-74		1
PROJECT 6270-00-74 TOTAL		1

TRAFFIC CONTROL COVERING SIGNS

				643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH
SIGN DETAIL NUMBER	PLAN SHEET	SIGN COVERED	NO. OF COVERING CYCLES	
1	S2 - DETOUR OVERVIEW	RIGHT TURN ARROW	1	1
2	S2 - DETOUR OVERVIEW	RIGHT TURN AHEAD ARROW, RIGHT TURN AHEAD ARROW	1	2
5	S2 - DETOUR OVERVIEW	WEST, 161, LEFT TURN AHEAD ARROW, NORTH 48, STRAIGHT AHEAD ARROW	1	1
6	S2 - DETOUR OVERVIEW	WEST, 161, LEFT TURN ARROW	1	1
8	S2 - DETOUR OVERVIEW	STRAIGHT AHEAD ARROW, STRAIGHT AHEAD ARROW	1	1
9	S2 - DETOUR OVERVIEW	EAST, 161, RIGHT TURN ARROW, SOUTH, 49, RIGHT TURN ARROW	1	1
11	S2 - DETOUR OVERVIEW	EAST, 161, RIGHT TURN AHEAD ARROW	1	1
21	S2 - DETOUR OVERVIEW	STRAIGHT AHEAD ARROW	1	1
PROJECT 6270-00-74 TOTAL				9

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

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* - DETECTABLE WARNING FIELD ONLY													
TRAFFIC CONTROL													
		643.0300		643.0410		643.0420		643.0705		643.0900		644.1601*	
		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TEMPORARY	
		DRUMS		BARRICADES		BARRICADES		WARNING LIGHTS		SIGNS		PEDESTRIAN	
				TYPE II		TYPE III		TYPE A				CURB RAMP	
LOCATION	DAYS IN SERVICE	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY
6270-00-74	100	3	300	5	500	24	2,400	37	3,700	146	14,600	2	200
PROJECT 6270-00-74 TOTAL			300		500		2,400		3,700		14,600		200

TRAFFIC CONTROL SIGNS		
		643.1000
		TRAFFIC CONTROL
		SIGNS FIXED MESSAGE
PROJECT	LOCATION	SF
6270-00-74	STH 49, SOUTH APPROACH	32
6270-00-74	STH 49, NORTH APPROACH	32
PROJECT 6270-00-74 TOTAL		64

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TRAFFIC CONTROL					PAVEMENT MARKING ITEMS					SAWING									
643.5000 TRAFFIC CONTROL EACH					646.1005 MARKING LINE PAINT 4-INCH YELLOW WHITE					646.1020 MARKING LINE EPOXY 4-INCH YELLOW 646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH 646.9000 MARKING REMOVAL LINE 4-INCH					690.0150 SAWING ASPHALT 690.0250 SAWING CONCRETE				
PROJECT 6270-00-74 1																			
PROJECT 6270-00-74 TOTAL 1																			
TEMPORARY PEDESTRIAN BARRICADE					STATION - STATION TYPE LF					STATION - STATION LOCATION LF LF									
644.1810 TEMPORARY PEDESTRIAN BARRICADE					9+28 - 10+32 CENTERLINE (DOUBLE YELOW) --- --- 208 --- ---					8+99 - 9+14 STH 49, SIDEWALK, LT --- 20									
					10+35 CROSSWALK --- --- --- 80 ---					9+28 STH 49 20 20									
					10+38 - 11+50 CENTERLINE (DOUBLE YELOW) --- --- 218 --- ---					9+28 CURB AND GUTTER/SIDEWALK, LT/RT --- 22									
					100+31 - 118+57 CENTERLINE (DOUBLE YELOW) 3,652 --- --- --- ---					9+28 DRIVEWAY, LT 40 ---									
STATION - STATION OFFSET LF					201+10 - 202+09 EDGELINE, RT (WHITE) --- 100 --- --- ---					10+85 STH 49 40 ---									
201+10 - 202+09 RT 108					201+17 - 207+91 CENTERLINE (DOUBLE YELOW) 1,348 --- --- --- 95					10+85 CURB AND GUTTER/SIDEWALK, LT/RT --- 10									
203+18 - 204+78 RT 160					301+34 CROSSWALK --- --- --- 74 ---					11+50 STH 49 40 ---									
205+58 - 207+89 RT 238										200+90 - 201+30 W STATE ST/TEMP WIDENING 47 3									
PROJECT 6270-00-74 TOTAL 506					PROJECT 6270-00-74 TOTAL 5,100 426 154 95					200+90 - 201+30 TEMP WIDENING REMOVAL 47 ---									
										301+32 - 301+37 STH 161, SIDEWALK, LT --- 10									
										PROJECT 6270-00-74 TOTAL 234 85									

CONSTRUCTION STAKING													** - CATEGORY 0030
			650.4000 CONSTRUCTION STAKING STORM SEWER	650.4500 CONSTRUCTION STAKING SUBGRADE	650.5000 CONSTRUCTION STAKING BASE	650.5500 CONSTRUCTION CURB GUTTER AND CURB & GUTTER	650.6000 CONSTRUCTION STAKING PIPE CULVERTS	650.6500 CONSTRUCTION STAKING STRUCTURE LAYOUT B-68-0133	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE	650.8500** CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS 6270-00-74	650.9000 CONSTRUCTION STAKING CURB RAMPS	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 6270-00-74	650.9920 CONSTRUCTION STAKING SLOPE STAKES
STATION	-	STATION	EACH	LF	LF	LF	EACH	LS	LF	LS	EACH	LS	LF
9+28	-	9+79	2	51	51	51	---	---	---	1	---	1	51
	10+00		---	---	---	---	---	1	---	---	---	---	---
10+17	-	10+85	---	68	68	68	---	---	---	---	2	---	68
10+85	-	11+50	---	---	---	---	---	---	65	---	---	---	---
200+97	-	201+67	---	70	70	35	---	---	---	---	---	---	70
300+93		301+26	---	---	---	---	---	---	---	---	3	---	33
50+00	-	50+74	---	74	74	---	---	---	---	---	---	---	74
51+10	-	51+24	---	14	14	---	1	---	---	---	---	---	14
PROJECT 6270-00-74 TOTAL			2	277	277	154	1	1	65	1	5	1	310

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

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LIGHTING CONDUIT & ELECTRICAL WIRE

				652.0225	652.0235	652.0605	IN CONDUIT RUN		#12 AWG IN LIGHT POLE				655.0610	655.0620	655.0635				
				CONDUIT RIGID NONMETALLIC	CONDUIT RIGID NONMETALLIC	CONDUIT SPECIAL							ELECTRICAL WIRE	ELECTRICAL WIRE	ELECTRICAL WIRE				
				SCHEDULE 40	SCHEDULE 40	2-INCH							LIGHTING	LIGHTING	LIGHTING				
				2-INCH	3-INCH	2-INCH							12 AWG	8 AWG	2 AWG				
LOC.	TO	LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	2-INCH LF	3-INCH LF	LF	WIRE SLACK LF	WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	WIRES (INCLUDING GROUND WIRE)	LENGTH OF FESTOON WIRE IN POLE	RECEPTACLE WIRES (INCLUDING GROUND WIRE)	LF	LF	LF			
LC1		LPB1	9	2	---	18	---	25	7	---	---	---	---	---	238	---			
LPB1		L-0001	7	1	7	---	---	22	7	40	3	20	3	180	203	---			
L-0001		L-0002	106	1	106	---	---	10	7	40	3	20	3	180	812	---			
L-0002		LPB2	5	1	5	---	---	22	7	---	---	---	---	---	189	---			
LPB2		LPB3	92	1	28	---	---	34	7	---	---	---	---	---	882	---			
LPB3		L-0003	8	1	8	---	---	22	7	40	3	20	3	180	210	---			
L-0003		L-0004	104	1	62	---	42	10	5	40	3	20	3	180	570	---			
METER		PB4	10	1	---	10	---	25	4	---	---	---	---	---	35	105			
PB4		PB5	66	1	---	66	---	34	4	---	---	---	---	---	100	300			
PB5		DB1	113	1	---	113	---	25	4	---	---	---	---	---	138	414			
PROJECT 6270-00-74 TOTAL					216	207	42										720	3377	819

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PULL BOXES

653.0164 PULL BOXES NON-CONDUCTIVE 24"x42"		
PULL BOX NO.	LOCATION	EACH
LPB1	8+29, 34' RT	1
LPB2	9+42, 32' RT	1
LPB3	10+32, 32' RT	1
LPB4	9+67, 25' LT	1
LPB5	9+32, 32' RT	1
PROJECT 6270-00-74 TOTAL		5

LIGHTING CONTROL CABINET

		654.0230	SPV.0060.02
		CONCRETE CONTROL CABINET BASE TYPE L30 EACH	LIGHTING CONTROL CABINET 120/240 30-INCH SPECIAL EACH
CONTROL CABINET NO.	LOCATION		
LC1	8+20, 33' RT	1	1
PROJECT 6270-00-74 TOTAL		1	1

LIGHTING EQUIPMENT

		654.0105	SPV.0060.01
		CONCRETE BASE TYPE 5 EACH	LIGHT POLE ASSEMBLY EACH
LIGHT POLE BASE NO.	LOCATION		
L-0001	8+36, 34' RT	1	1
L-0002	9+37, 31' RT	1	1
L-0003	10+40, 31' RT	1	1
L-0004	11+44, 31' RT	1	1
PROJECT 6270-00-74 TOTAL		4	4

ELECTRICAL SERVICE

		656.0200.01	656.0500.01
		ELECTRICAL SERVICE METER BREAKER PEDESTAL LS	ELECTRICAL SERVICE BREAKER DISCONNECT BOX LS
CABINET NO.	LOCATION		
MB1	9+77, 25' LT	1	---
DB1	8+25, 33' RT	---	1
PROJECT 6270-00-74 TOTAL		1	1

ALL ITEMS ARE CATEGORY 0030 UNLESS OTHERWISE SPECIFIED.

TRANSPORTATION PROJECT PLAT NO: 6270-00-24-4.01

PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, INCLUDING PART OF OUTLOT 1 OF CERTIFIED SURVEY MAP 2333 AND PART OF OUTLOT 32 OF PRESIDENT & TRUSTEES PLAT OF IOLA, ALL LOCATED IN SECTION 35, TOWNSHIP 24 NORTH, RANGE 11 EAST, VILLAGE OF IOLA, WAUPACA COUNTY, WISCONSIN.

RELOCATION ORDER STH 49 WAUPACA COUNTY
(VILLAGE OF IOLA, MAIN STREET, SOUTH BRANCH LITTLE WOLF RIVER, B-68-29)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE NAMED PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 6270-00-24-4.01
AMENDMENT NO:

RW COORDINATE TABLE			
POINT	Y	X	
24	397103.747	524952.928	
200	397200.056	524914.606	
201	397219.613	525003.480	
*202	397208.251	525006.019	
203	397203.676	525019.463	
204	397136.288	525034.292	
205	397119.092	525025.941	
206	397097.621	525030.739	
207	397130.096	524930.238	

* NO TYPE 2 MONUMENT SET DUE TO CLOSE PROXIMITY OF EXISTING MONUMENT. USE COORDINATES IN THIS TABLE FOR R/W.

RW COURSE TABLE			
COURSE	BEARING	DISTANCE	
201-202	S 12°35'44" E	11.64'	
202-203	S 71°12'19" E	14.20'	
203-204	S 12°24'37" E	69.00'	
204-205	S 25°54'02" W	19.12'	
205-206	S 12°35'44" E	22.00'	
24-207	N 40°43'56" W	34.77'	
207-200	N 12°35'44" W	71.69'	

EXISTING MONUMENTS			
POINT	Y	X	DESCRIPTION
22	397271.353	524991.884	3/4" REBAR
23	397208.234	525006.069	3/4" REBAR
24	SEE RW COORD. TABLE		MAG NAIL
28	397120.992	524938.062	RR SPIKE

BASIS OF EXISTING RIGHT OF WAY			
ROAD NAME	PROJECT/SURVEY	VOL. PAGE	DOC.
STH 49	TPP 6270-00-01-4.01	3/4	820733
STH 49	6260-01-00		
STH 49	SAP 4361		
STH 49	PRESIDENT & TRUSTEES PLAT OF IOLA		
STH 49	CSM 2333	7 394	444554
STH 49	CSM 6512	23 225	718852
STH 49	CSM 7204	27 148	787586

PARCEL 2 NOTE: PARCEL 2 FALLS WITHIN THE "ORDINARY HIGH WATER MARK" OR "WATERWAY" OF THE LITTLE WOLF RIVER.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WAUPACA COUNTY, NAD83 (2011), IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4"x24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

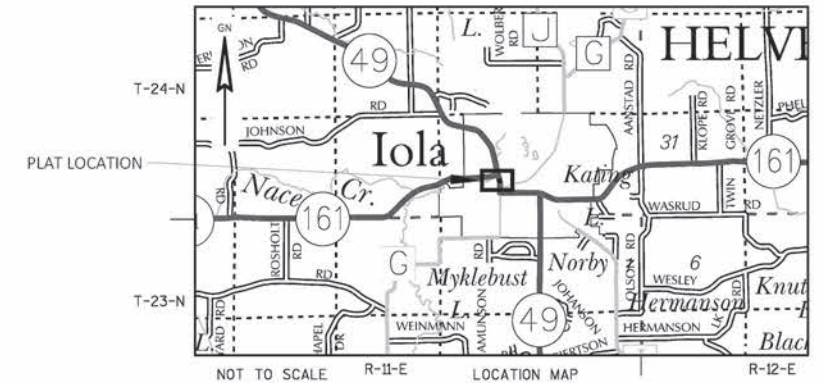
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER, WISCONSIN.



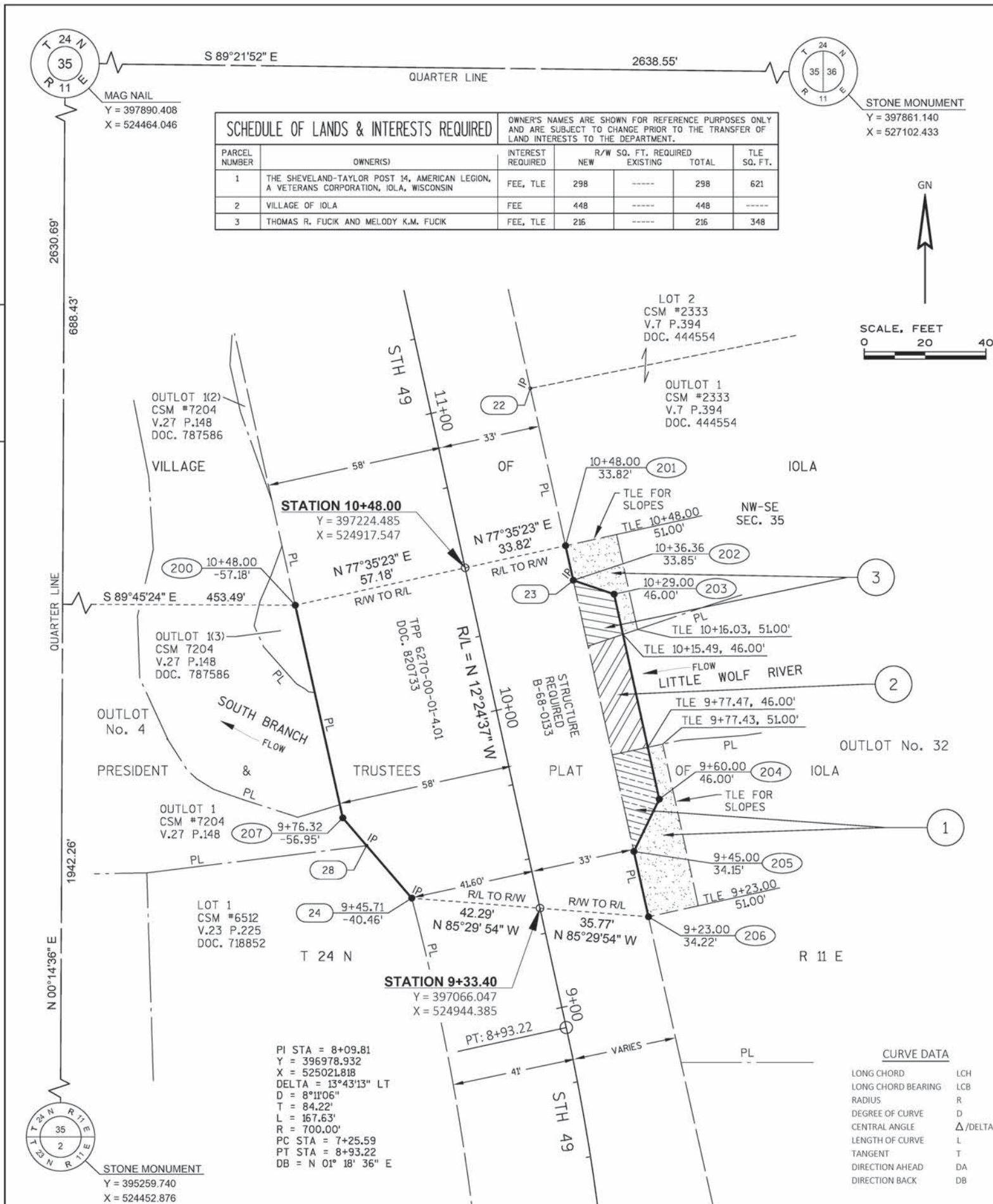
CONVENTIONAL SYMBOLS	
FOUND IRON PIPE/PIN	1" (UNLESS NOTED)
R/W MONUMENT	• (SET)
R/W STANDARD	▲ (SET)
SIGN	ISIGN
SECTION CORNER MONUMENT	•
SECTION CORNER SYMBOL	•
FEE (HATCH VARIES)	
TEMPORARY LIMITED EASEMENT	
PERMANENT LIMITED EASEMENT	
R/W BOUNDARY POINT	•
EXISTING MONUMENT POINT	•
PARCEL NUMBER	200
UTILITY INTEREST	20
SIGN NUMBER (OFF PREMISE)	100
BUILDING	40
	21-1

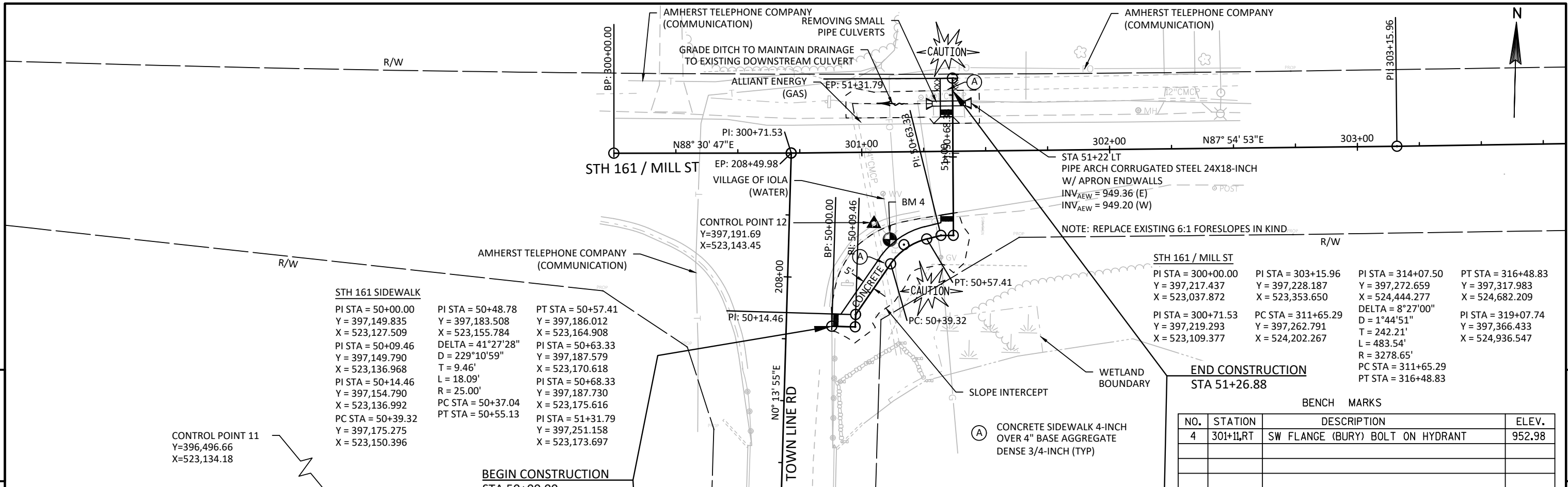
CONVENTIONAL ABBREVIATIONS	
ACCESS POINT/ DRIVEWAY CONNECTION	AP
ACCESS RIGHTS	AR
ACRES	AC.
AND OTHERS	ET.AL.
CENTERLINE	C/L
CERTIFIED SURVEY MAP	CSM
CORNER	COR.
DOCUMENT	DOC.
EASEMENT	EASE.
HIGHWAY EASEMENT	H.E.
LAND CONTRACT	LC
MONUMENT	MON.
PAGE	P.
PERMANENT LIMITED EASEMENT	PLE
PROPERTY LINE	PL
RECORDED AS	(100')
REFERENCE LINE	R/L
RELEASE OF RIGHTS	ROR
REMAINING	REM.
RIGHT-OF-WAY	R/W
SECTION	SEC.
STATION	STA.
TEMPORARY LIMITED EASEMENT	TLE
VOLUME	V.

AECOM

I, DONALD J. BUZA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: *Donald J. Buza* DATE: 5/01/2019
PRINT NAME: DONALD J. BUZA
REGISTRATION NUMBER: S-2338
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION NORTH CENTRAL REGION OFFICE.
SIGNATURE: *Brent L. Stella* DATE: 5-3-19
PRINT NAME: Brent L. Stella





STH 161 SIDEWALK

PI STA = 50+00.00
Y = 397,149.835
X = 523,127.509
PI STA = 50+09.46
Y = 397,149.790
X = 523,136.968
PI STA = 50+14.46
Y = 397,154.790
X = 523,136.992
PC STA = 50+39.32
Y = 397,175.275
X = 523,150.396

PI STA = 50+48.78
Y = 397,183.508
X = 523,155.784
DELTA = 41°27'28"
D = 229°10'59"
T = 9.46'
L = 18.09'
R = 25.00'
PC STA = 50+37.04
PT STA = 50+55.13

PT STA = 50+57.41
Y = 397,186.012
X = 523,164.908
PI STA = 50+63.33
Y = 397,187.579
X = 523,170.618
PI STA = 50+68.33
Y = 397,187.730
X = 523,175.616
PI STA = 51+31.79
Y = 397,251.158
X = 523,173.697

STH 161 / MILL ST

PI STA = 300+00.00
Y = 397,217.437
X = 523,037.872
PI STA = 300+71.53
Y = 397,219.293
X = 523,109.377

PI STA = 303+15.96
Y = 397,228.187
X = 523,353.650
PC STA = 311+65.29
Y = 397,262.791
X = 524,202.267

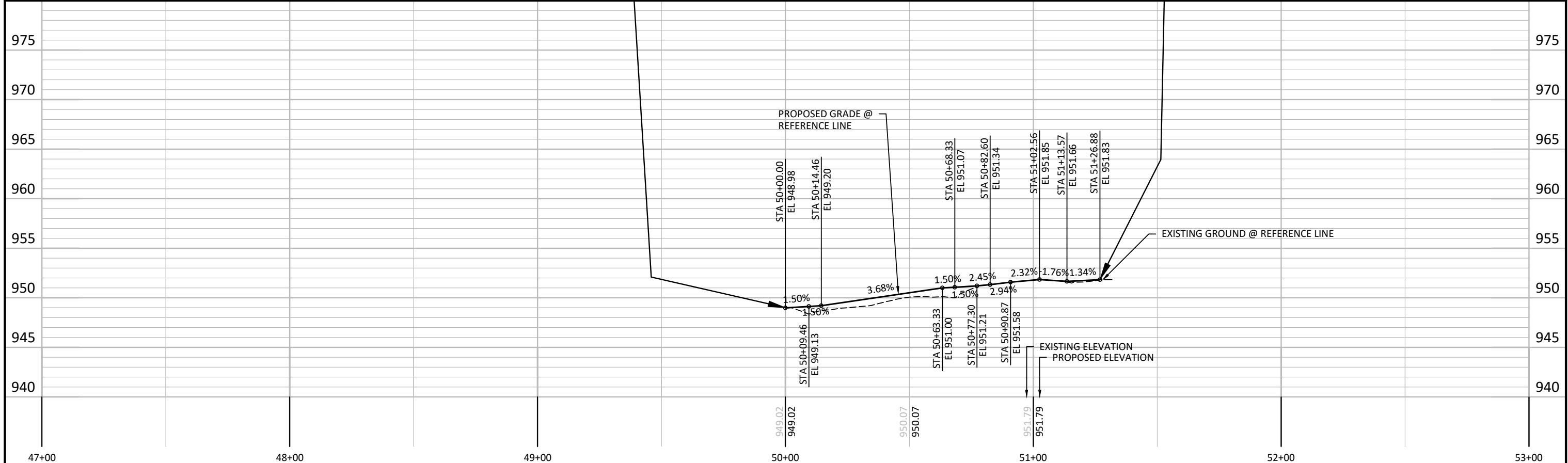
PI STA = 314+07.50
Y = 397,272.659
X = 524,444.277
DELTA = 8°27'00"
D = 1°44'51"
T = 242.21'
L = 483.54'
R = 3278.65'
PC STA = 311+65.29
PT STA = 316+48.83

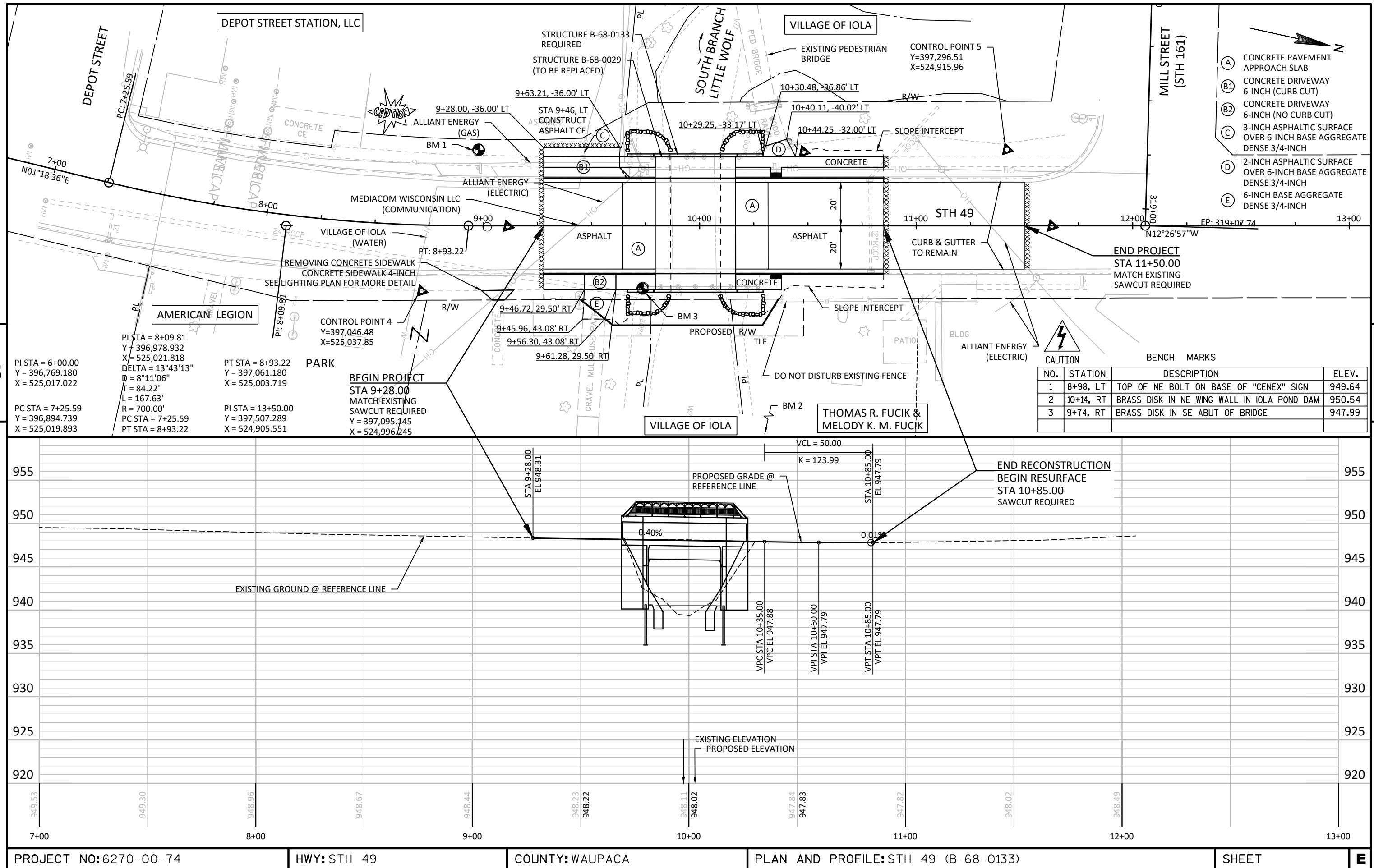
PT STA = 316+48.83
Y = 397,317.983
X = 524,682.209
PI STA = 319+07.74
Y = 397,366.433
X = 524,936.547

**END CONSTRUCTION
STA 51+26.88**

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
4	301+11.17	SW FLANGE (BURY) BOLT ON HYDRANT	952.98





EARTHWORK

CONSTRUCT TEMPORARY WIDENING - W. STATE ST / TOWN LINE RD INTERSECTION											
STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		MASS ORDINATE
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
									1.00	1.25	
200+90	20090.41	0.0	5.48	0	0.00	0.0	0	0.0	0.0	0.0	0.0
201+00	20100.00	9.6	8.57	0	0.00	2.5	0	0.0	2.5	0.0	3.0
201+10	20110.00	10.0	15.28	0	0.20	4.4	0	0.0	6.9	0.0	5.6
201+20	20120.00	10.0	18.27	0	0.55	6.2	0	0.1	13.1	0.2	6.6
201+30	20130.00	10.0	20.06	0	0.19	7.1	0	0.1	20.2	0.2	7.3
201+40	20140.00	10.0	17.90	0	0.02	7.0	0	0.0	27.3	0.0	6.6
201+50	20150.00	10.0	18.94	0	0.00	6.8	0	0.0	34.1	0.0	7.0
201+60	20160.00	10.0	13.32	0	0.00	6.0	0	0.0	40.0	0.0	4.9
201+67	20167.17	7.2	0.20	0	0.00	1.8	0	0.0	41.8	0.0	0.1
						41.8	0	0.4			

SIDEWALK - STH 161 / TOWN LINE RD INTERSECTION											
STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		MASS ORDINATE
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
									1.00	1.25	
50+01	5000.50		2.45	0	0.02	0.0	0	0.0	0.0	0.0	
50+10	5010.00	9.5	2.02	0	2.56	0.8	0	0.5	0.8	0.6	0.2
50+20	5020.00	10.0	1.92	0	3.40	0.7	0	1.1	1.5	1.9	-0.4
50+30	5030.00	10.0	1.03	0	4.60	0.5	0	1.5	2.1	3.8	-1.7
50+40	5040.00	10.0	2.14	0	3.28	0.6	0	1.5	2.6	5.6	-3.0
50+50	5050.00	10.0	2.39	0	3.16	0.8	0	1.2	3.5	7.1	-3.6
50+60	5060.00	10.0	0.16	0	8.72	0.5	0	2.2	4.0	9.9	-5.9
50+75	5074.50	14.5	2.68	0	0.07	0.8	0	2.4	4.7	12.8	-8.1
51+14	5114.00	39.5	2.99	0	0.18	4.1	0	0.2	8.9	13.0	-4.2
51+22	5122.00	8.0	2.54	0	0.42	0.8	0	0.1	9.7	13.2	-3.5
51+27	5127.00	5.0	2.90	0	0.23	0.5	0	0.1	10.2	13.2	-3.0
						10.2	0	10.6			

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

EARTHWORK

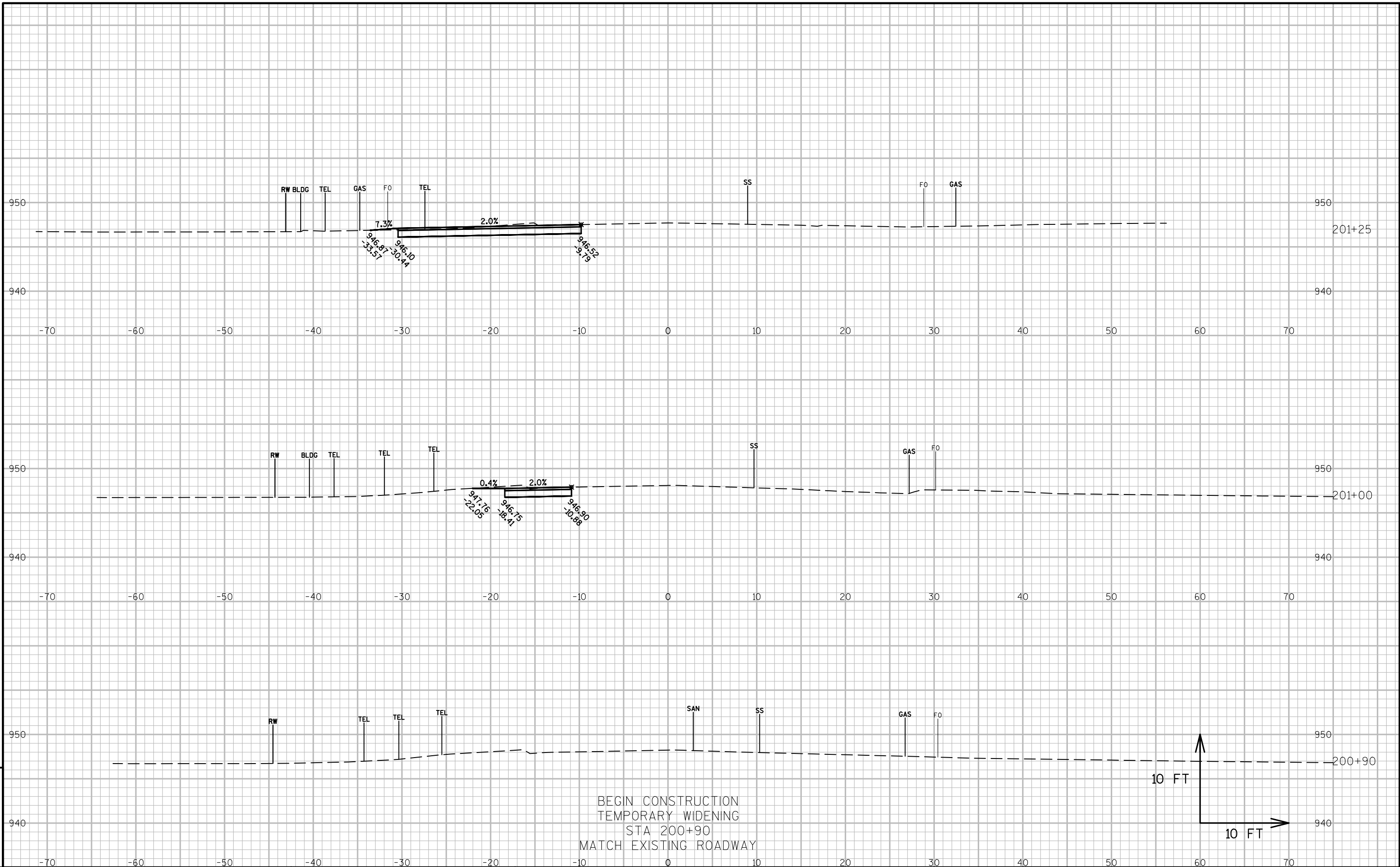
BRIDGE REPLACEMENT - STH 49, MAINLINE

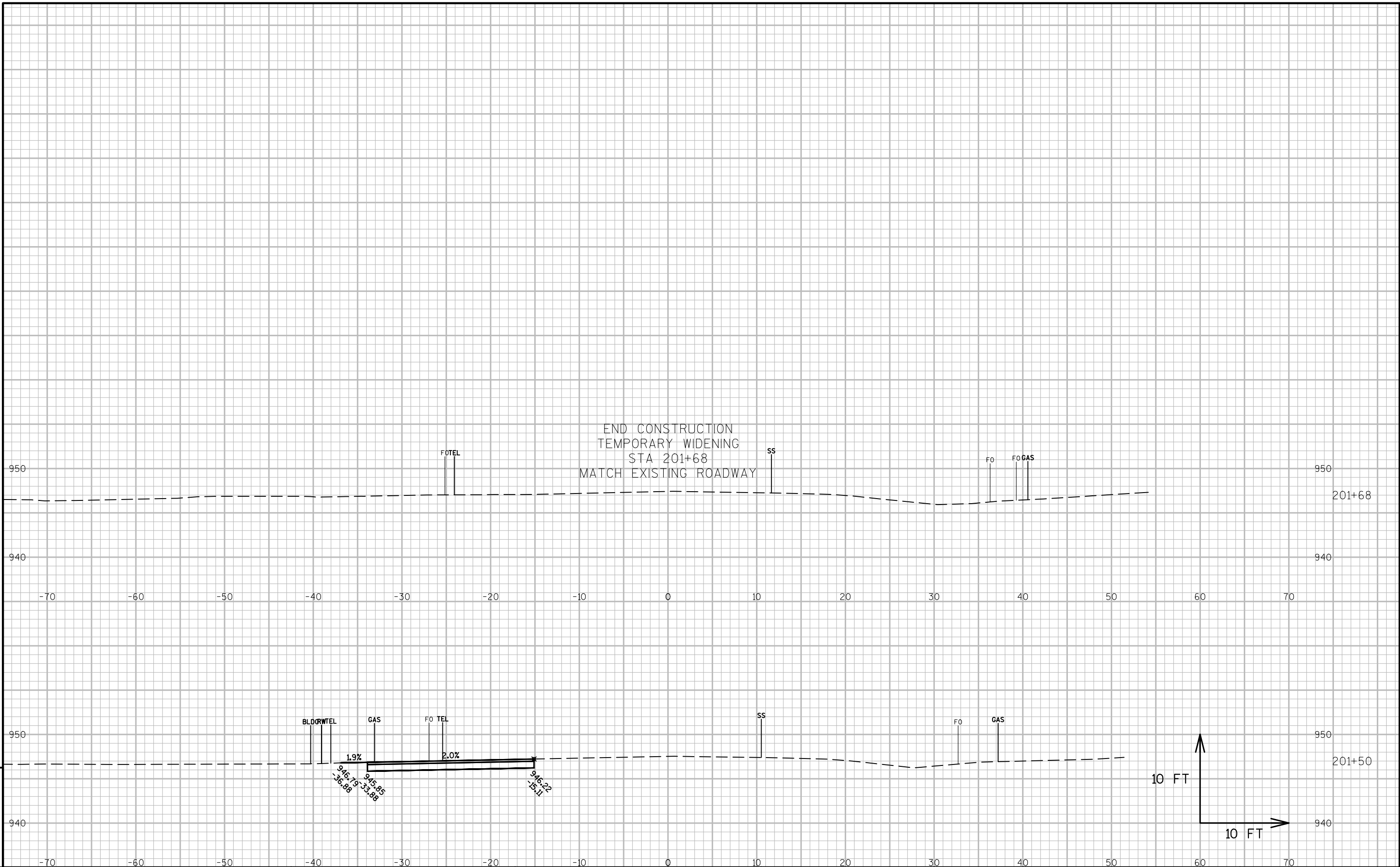
STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		MASS ORDINATE
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
									1.00	1.25	
09+28	928.00		87.10	35	0.49	0.0	0	0.0	0.0	0.0	0.0
09+30	930.00	2.0	87.06	35	0.47	6.5	3	0.0	6.5	0.0	3.8
09+40	940.00	10.0	87.09	35	0.52	32.3	13	0.2	38.7	0.3	22.9
09+50	950.00	10.0	88.85	35	2.29	32.6	13	0.5	71.3	0.9	41.8
09+60	960.00	10.0	88.69	35	3.34	32.9	13	1.0	104.2	2.2	60.5
09+64	964.41	4.4	84.86	35	10.05	14.2	6	1.1	118.3	3.6	67.5
09+70	970.00	5.6	100.45	35	1.92	19.2	7	1.2	137.5	5.1	77.9
09+79	979.41	9.4	82.85	35	54.02	32.0	12	9.8	169.5	17.3	85.5
10+17	1016.58		82.96	35	40.02	0.0	0	0.0	169.5	17.3	85.5
10+20	1020.00	3.4	82.59	35	21.84	10.5	4	3.9	180.0	22.2	86.6
10+30	1030.00	10.0	80.34	20	6.33	30.2	10	5.2	210.1	28.8	100.1
10+32	1031.58	1.6	79.79	18	5.17	4.7	1	0.3	214.8	29.2	103.3
10+40	1040.00	8.4	84.69	18	0.50	25.6	6	0.9	240.5	30.3	122.2
10+50	1050.00	10.0	81.51	18	0.77	30.8	7	0.2	271.2	30.6	146.0
10+60	1060.00	10.0	81.93	18	0.74	30.3	7	0.3	301.5	30.9	169.3
10+70	1070.00	10.0	81.87	18	0.79	30.3	7	0.3	331.8	31.3	192.6
10+80	1080.00	10.0	81.33	18	0.91	30.2	7	0.3	362.1	31.7	215.7
10+85	1085.00	5.0	0.00	18	0.00	7.5	3	0.1	369.6	31.8	219.8
						369.6	118	25.4			

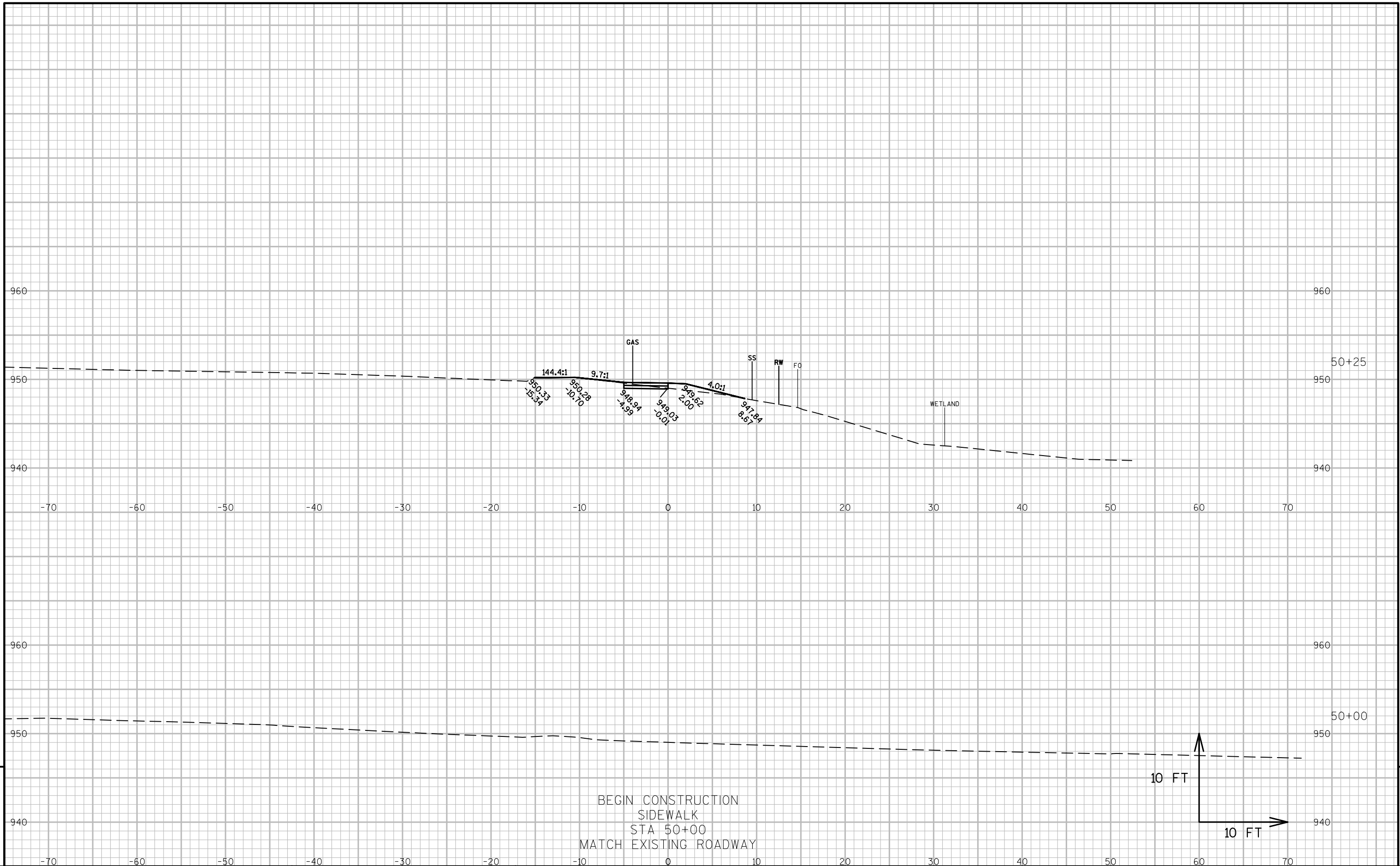
REMOVE TEMPORARY WIDENING - W. STATE ST / TOWN LINE RD INTERSECTION

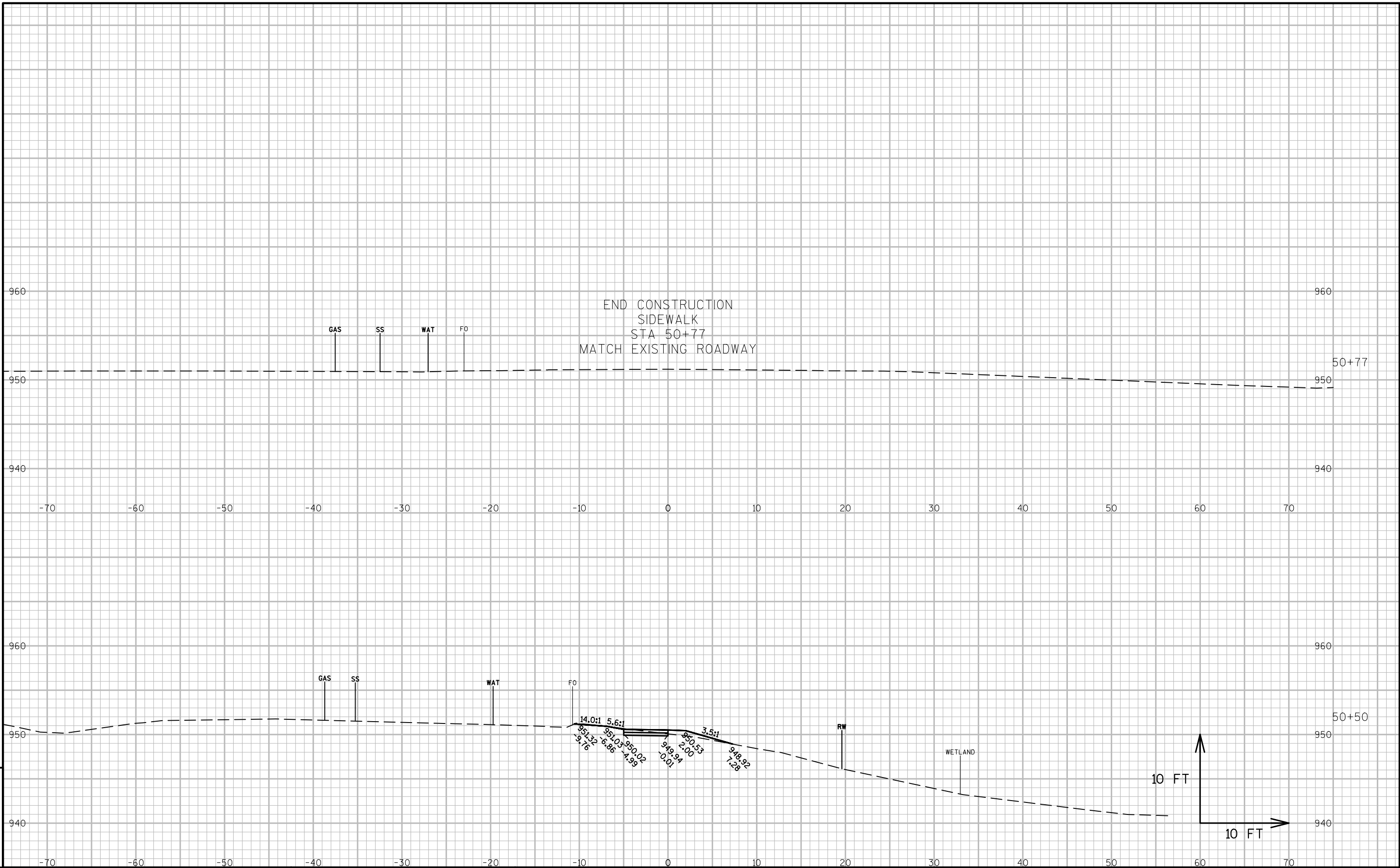
STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		MASS ORDINATE
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	
									1.00	1.25	
200+90	20090.41	0.0	5.44	2	5.48	0.0	0	0.0	0.0	0.0	0.0
201+00	20100.00	9.6	7.53	3	8.57	2.3	1	2.5	2.3	3.1	-1.2
201+10	20110.00	10.0	14.39	5	15.28	4.1	1	4.4	6.4	5.5	-1.5
201+20	20120.00	10.0	18.23	6	18.27	6.0	2	6.2	12.4	7.8	-3.0
201+30	20130.00	10.0	21.69	7	20.06	7.4	2	7.1	19.8	8.9	-3.3
201+40	20140.00	10.0	18.51	6	17.90	7.4	3	7.0	27.2	8.8	-4.4
201+50	20150.00	10.0	18.77	6	18.94	6.9	2	6.8	34.1	8.5	-3.9
201+60	20160.00	10.0	12.53	4	13.32	5.8	2	6.0	39.9	7.5	-4.8
201+67	20167.17	7.2	0.20	0	0.20	1.7	1	1.8	41.6	2.2	-2.8
						41.6	14	41.8			

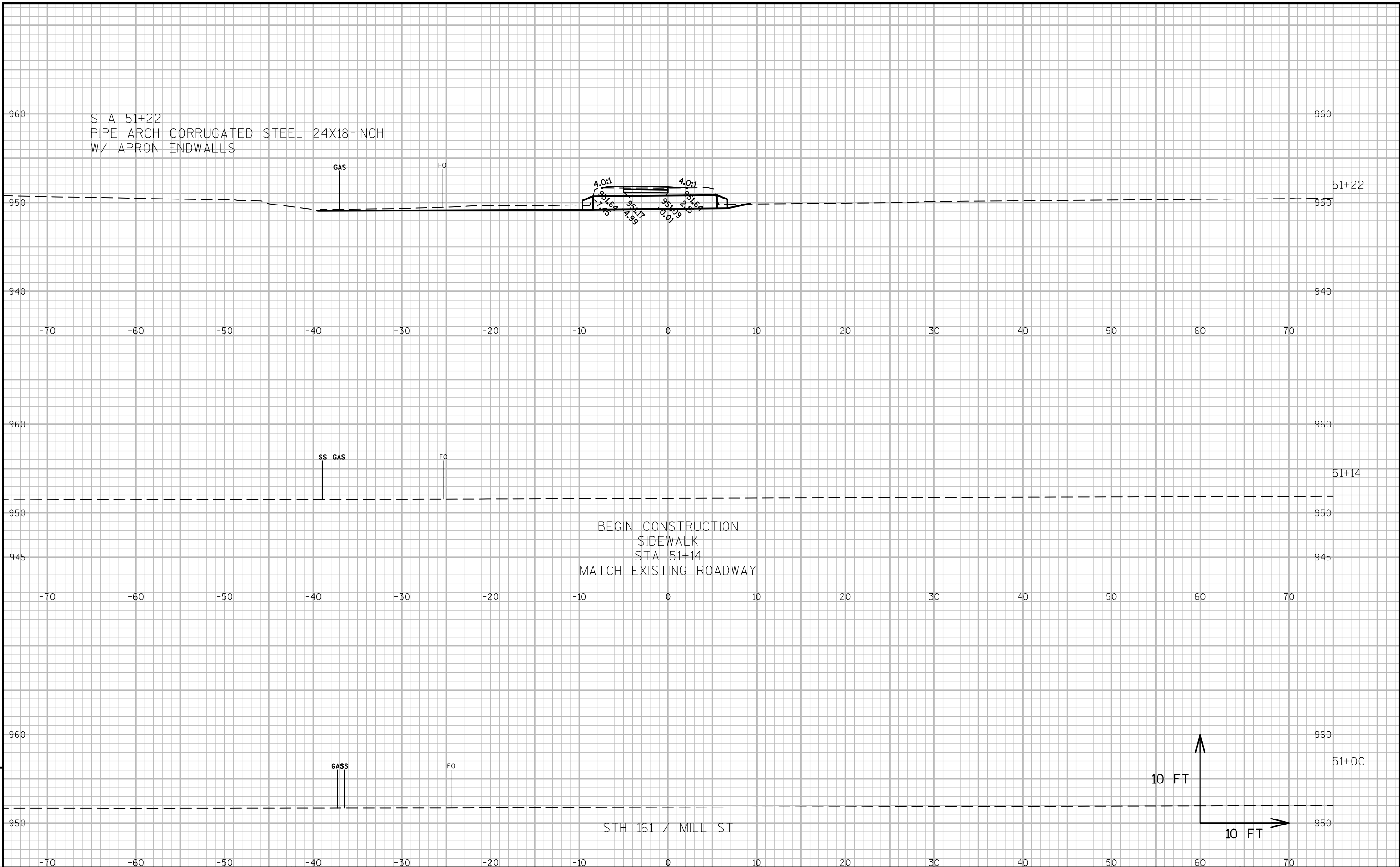
ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE SPECIFIED.

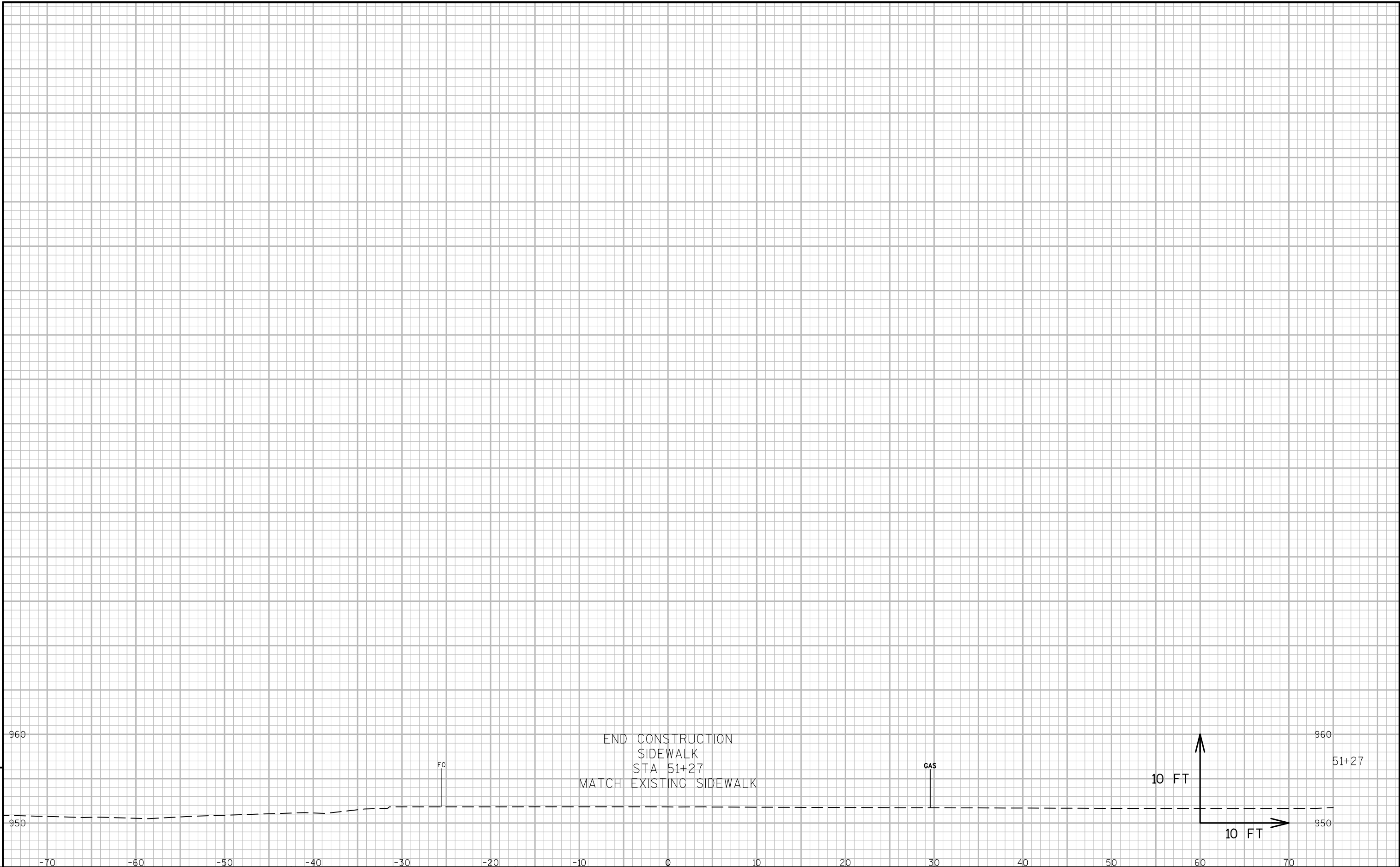


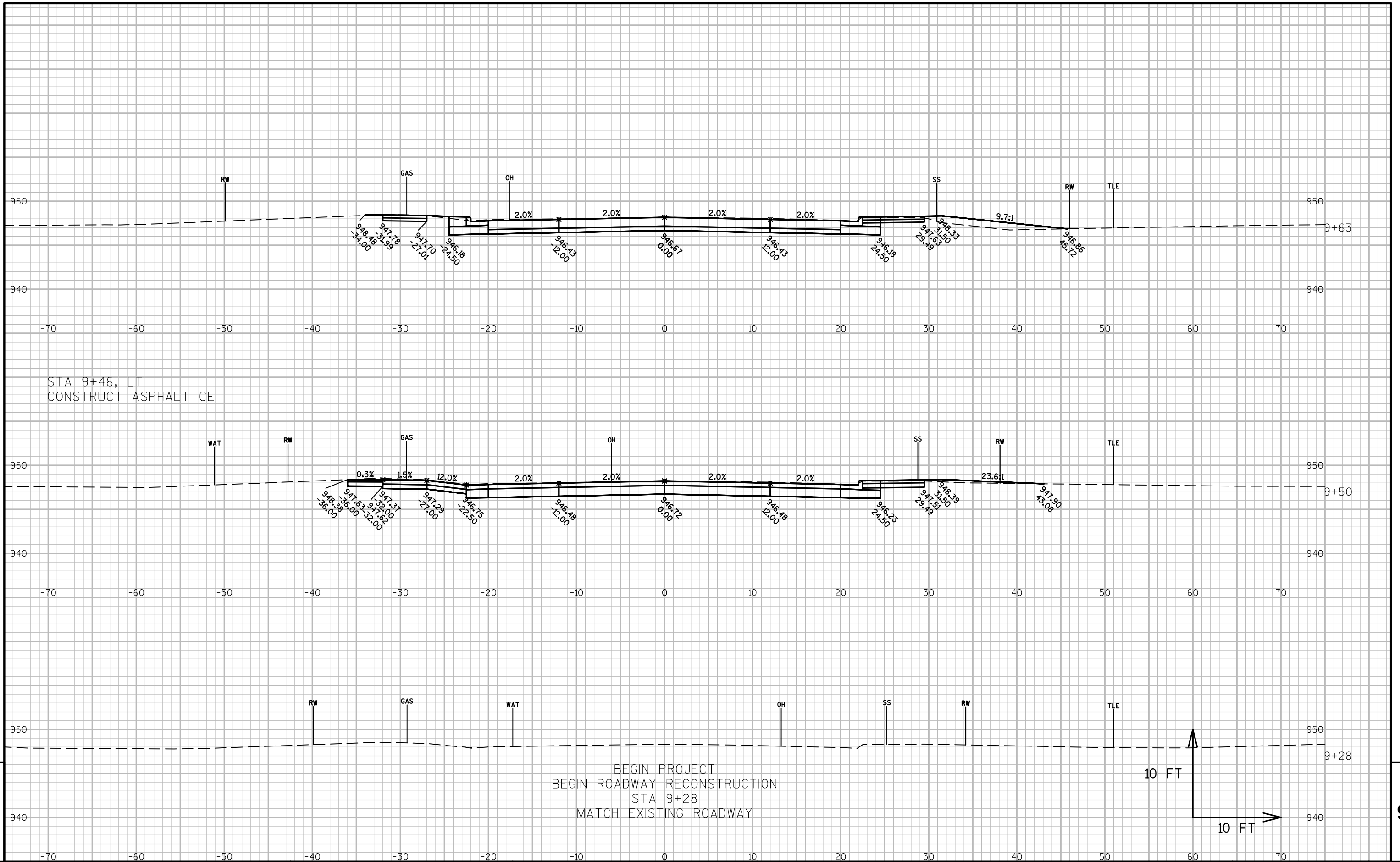


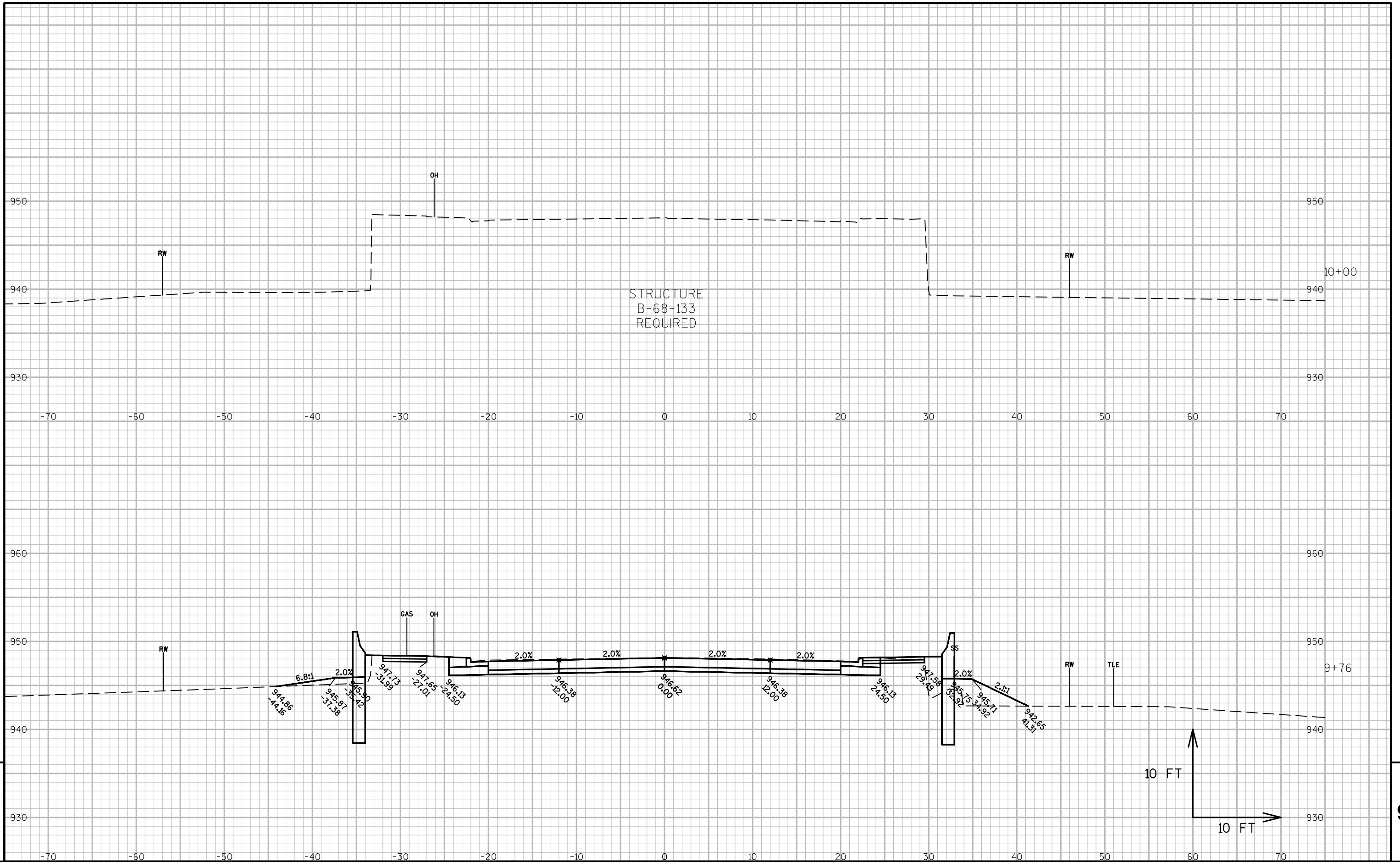


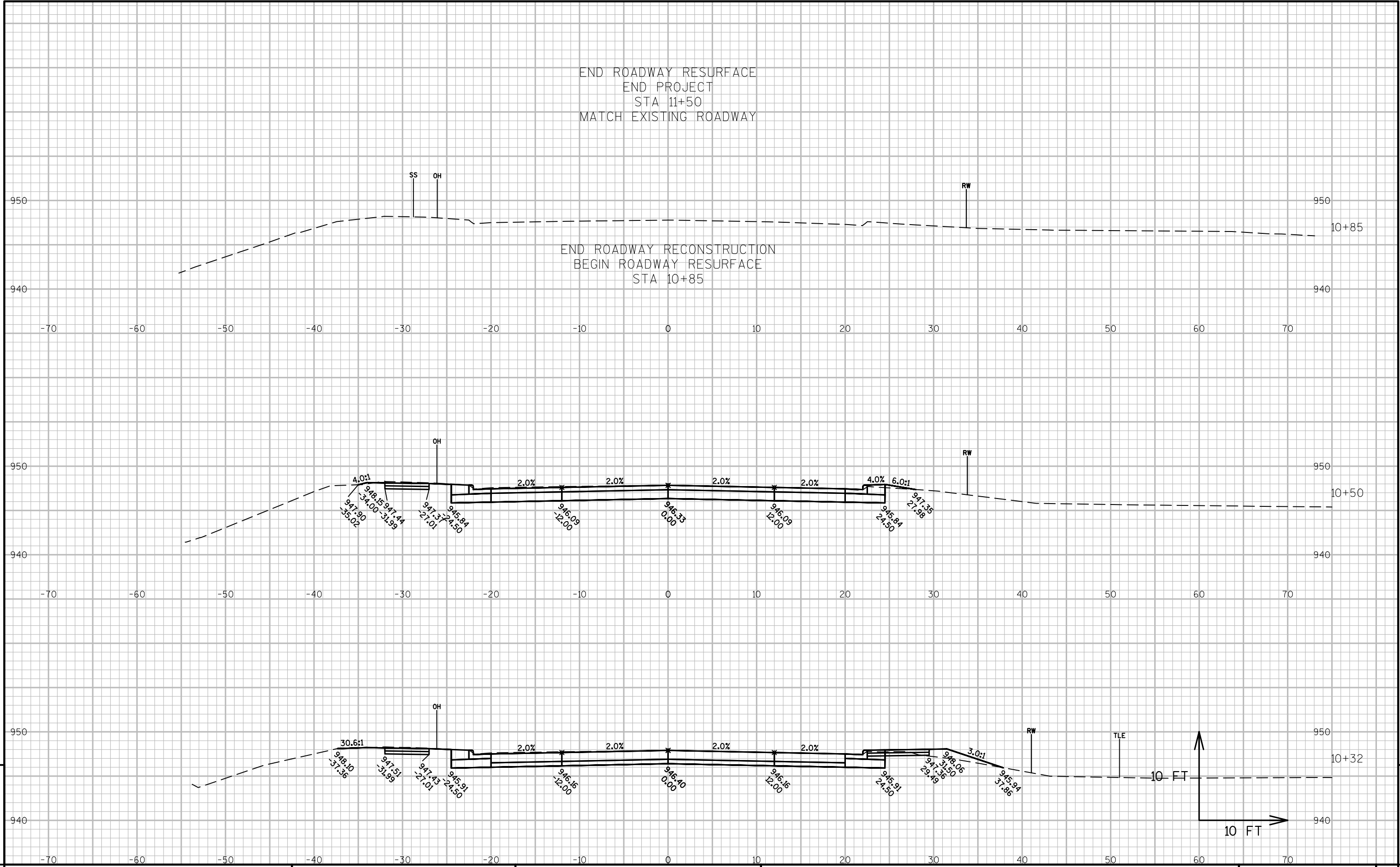












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