

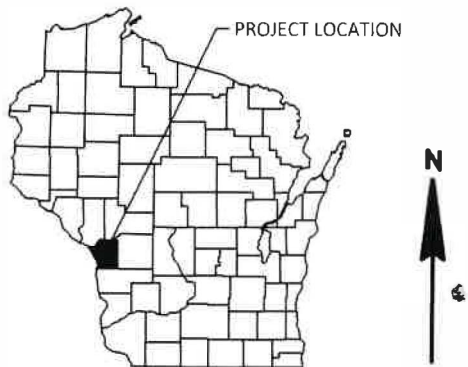
PROJECT ID: 1640-00-73
WITH: N/A

COUNTY: LA CROSSE

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	=	N/A
A A D T	=	N/A
D H V	=	N/A
D D	=	N/A
T	=	N/A
DESIGN SPEED	=	N/A
ESALS	=	N/A

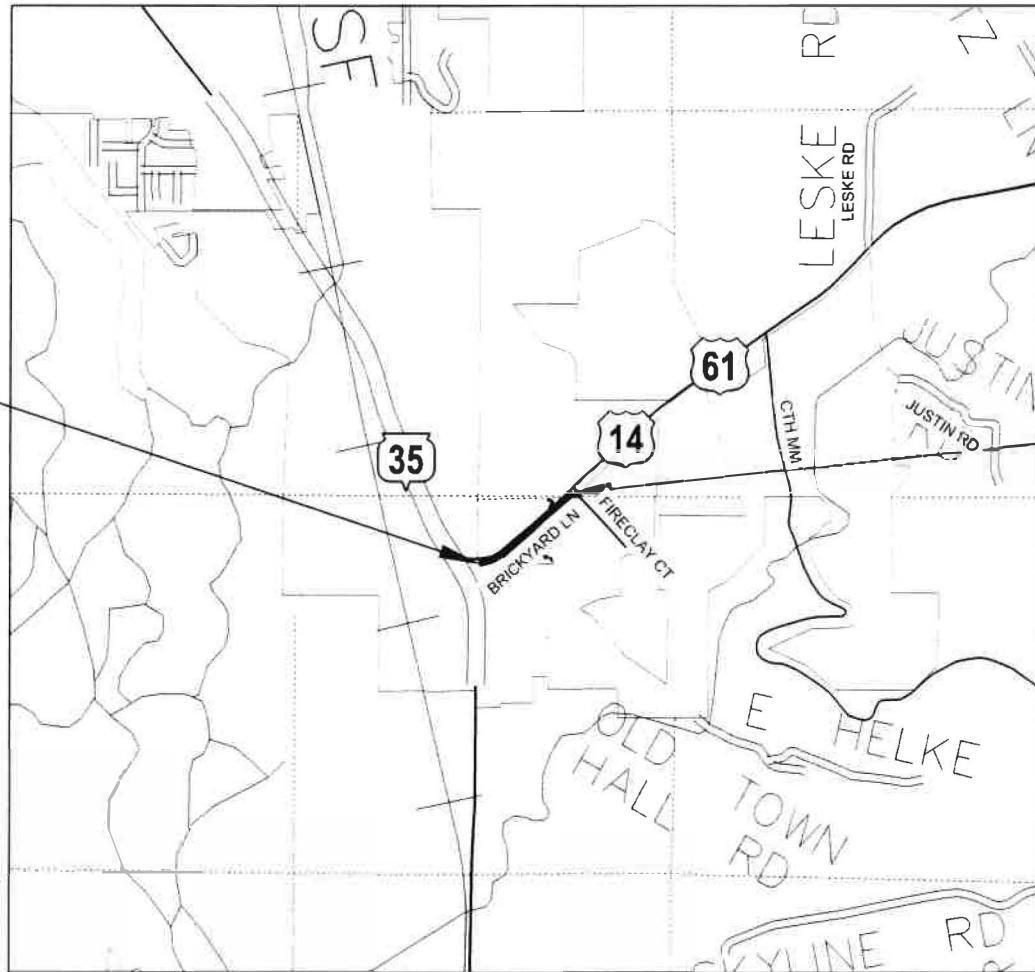
CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
PROPERTY LINE	---
LOT LINE	- - -
LIMITED HIGHWAY EASEMENT	- . - .
EXISTING RIGHT OF WAY	---
PROPOSED OR NEW R/W LINE	---
SLOPE INTERCEPT	30:1
REFERENCE LINE	---
EXISTING CULVERT	- - -
PROPOSED CULVERT (Box or Pipe)	---
COMBUSTIBLE FLUIDS	CAUTION
MARSH AREA	~ ~ ~
WOODED OR SHRUB AREA	~~~~

PROFILE	
GRADE LINE	---
ORIGINAL GROUND	---
MARSH OR ROCK PROFILE (To be noted as such)	---
SPECIAL DITCH	---
GRADE ELEVATION	0 1
CULVERT (Profile View)	0 1
UTILITIES	
ELECTRIC	---
FIBER OPTIC	---
GAS	---
SANITARY SEWER	---
STORM SEWER	---
TELEPHONE	---
WATER	---
UTILITY PEDESTAL	---
POWER POLE	---
TELEPHONE POLE	---

BEGIN PROJECT
STA 1+00.00
Y=109664.986
X=458814.242

T 15-N



SCALE 0 0.5 MI
TOTAL NET LENGTH OF CENTERLINE = N/A

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), LA CROSSE 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 12B.

T SHELBY, SIDEWALK

PLAN OF PROPOSED IMPROVEMENT

TRANSPORTATION ALTERNATIVES PROGRAM

FEDERALLY FUNDED PROJECT

US 14 / 61 - BRICKYARD LANE
LA CROSSE COUNTY

PROJECT NUMBER
1640-00-73

PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1640-00-73		

APPROVED BY
TOWN of SHELBY
9/15/24
Signature & Title of Official

ORIGINAL PLANS PREPARED BY
cbs²
WISCONSIN
ROSS T. JOHNSON
E-27897
LA CROSSE, WI
PROFESSIONAL ENGINEER
8/27/2024
(Professional Engineer Signature)



GENERAL NOTES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGER'S HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

THE LOCATION OF EXISTING OR PROPOSED UTILITIES, AS NOTED ON THE PLANS, IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY THAT ARE NOT INCIDENTAL TO CONTRACT WORK ITEMS SHALL BE FERTILIZED SEEDED AND MULCHED AT THE CONTRACTORS EXPENSE.

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

STANDARD ABBREVIATIONS

AC	ACRE	INL	INLET
AGG	AGGREGATE	INV	INVERT
AH	AHEAD	JCT	JUNCTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC	LT	LEFT
ASPH	ASPHALTIC	L	LENGTH OF CURVE
AVG	AVERAGE	LIN FT OR LF	LINEAR FOOT
BK	BACK	LS	LUMP SUM
BAD	BASE AGGREGATE DENSE	NC	NORMAL CROWN
BM	BENCH MARK	N	NORTH
BR	BRIDGE	NB	NORTHBOUND
CL OR C/L	CENTER LINE	NO	NUMBER
CE	COMMERCIAL ENTRANCE	PT	POINT
CONC	CONCRETE	PC	POINT OF CURVATURE
CO	COUNTY	PCC	POINT OF COMPOUND CURVATURE
CTH	COUNTY TRUNK HIGHWAY	PI	POINT OF INTERSECTION
CR	CREEK	PT	POINT OF TANGENCY
CABC	CRUSHED AGGREGATE BASE COURSE	LB	POUND
CY OR CUYD	CUBIC YARD	PE	PRIVATE ENTRANCE
CULV	CULVERT	R	RADIUS
CP	CULVERT PIPE	RL OR R/L	REFERENCE LINE
C&G	CURB AND GUTTER	RT	RIGHT
D	DEGREE OF CURVE	R/W	RIGHT-OF-WAY
DIA	DIAMETER	RD	ROAD
DISCH	DISCHARGE	SHLDR	SHOULDER
E	EAST	SB	SOUTHBOUND
EB	EASTBOUND	SF OR SQ.FT	SQUARE FEET
EL OR ELEV	ELEVATION	SY OR SQ.YD	SQUARE YARD
EW	END WALL	SDD	STANDARD DETAIL DRAWINGS
ENT	ENTRANCE	STH	STATE TRUNK HIGHWAY
EXC	EXCAVATION	SE	SUPERELEVATION
EX	EXISTING	T	TANGENT
FERT	FERTILIZER	TEMP	TEMPORARY
FE	FIELD ENTRANCE	USH	UNITED STATES HIGHWAY
FL OR F/L	FLOW LINE	V	VELOCITY OR DESIGN SPEED
FT	FOOT	VC	VERTICAL CURVE
HMA	HOT MIX ASPHALT	WB	WESTBOUND
CWT	HUNDREDWEIGHT	YD	YARD

UTILITY CONTACTS

COMMUNICATION LINE

MEDIACOM
CRAIG EGGERT
207 W. PEARL STREET
DECORAH, IA 52101
(563) 419-5160
CEGGERT@MEDIACOMCC.COM

DESIGN CONSULTANT

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CHIPPEWA FALLS, WI 54729
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(715) 579-4179 MOBILE
RJOHNSON@CBSXSQUAREDINC.COM

WISCONSIN DNR LIAISON

KAREN KALVELAGE
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3550 MORMON COULEE RD
LA CROSSE, WI 54650
(608) 785-9115
KAREN.KALVELAGE@WISCONSIN.GOV

TOWN OF SHELBY

CHRISTINA PETERSON
ADMINISTRATOR
2800 WARD AVE
LA CROSSE, WI 54601
(608) 788-1032 EXT. 4

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 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

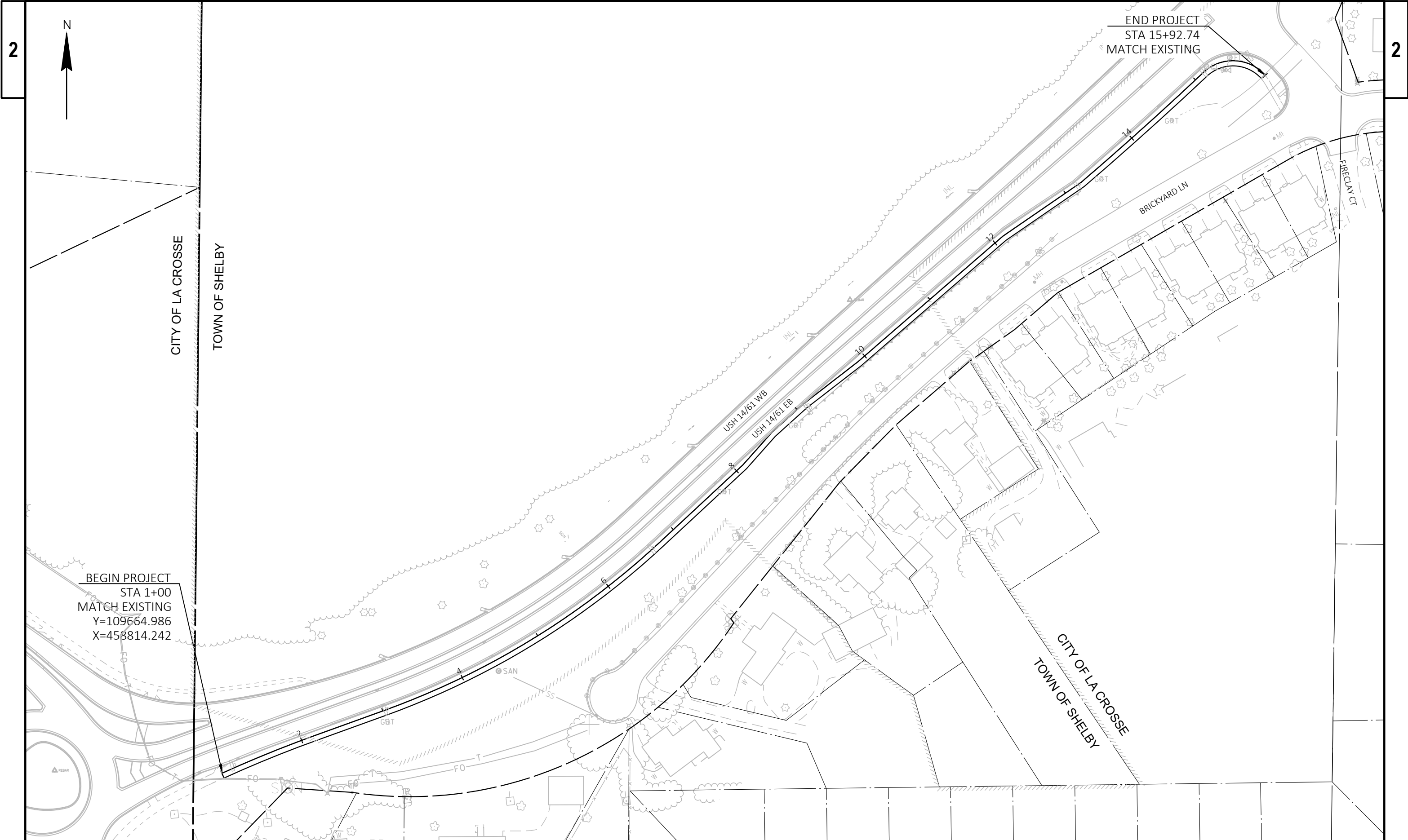
TOTAL PROJECT AREA = 3.9 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.44 ACRES

ORDER OF DETAIL SHEETS

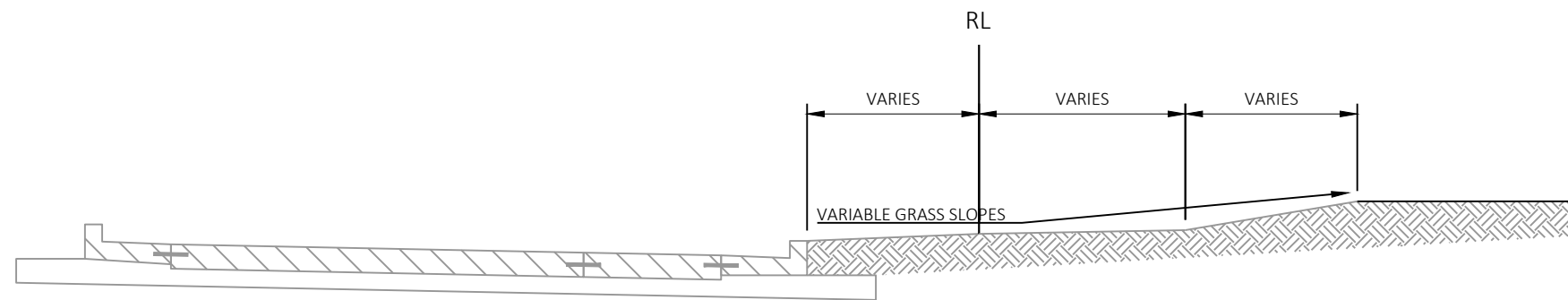
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
TRAFFIC CONTROL

CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	109668.371	458620.395	677.218	3/4" REBAR
2	110213.885	459542.067	712.128	3/4" REBAR
3	110582.105	460080.584	730.069	3/4" REBAR

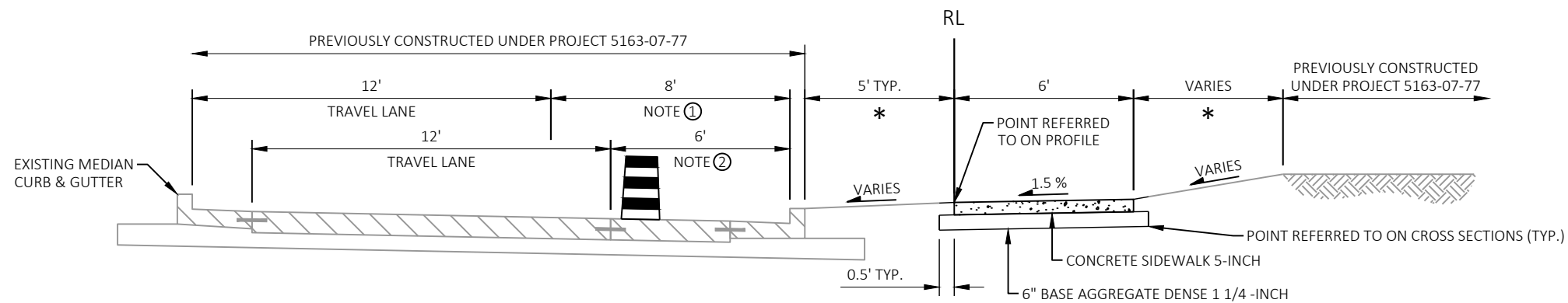




PROJECT NO: 1640-00-73	HWY: US 14 / 61	COUNTY: LA CROSSE	PROJECT OVERVIEW	SHEET 3	E
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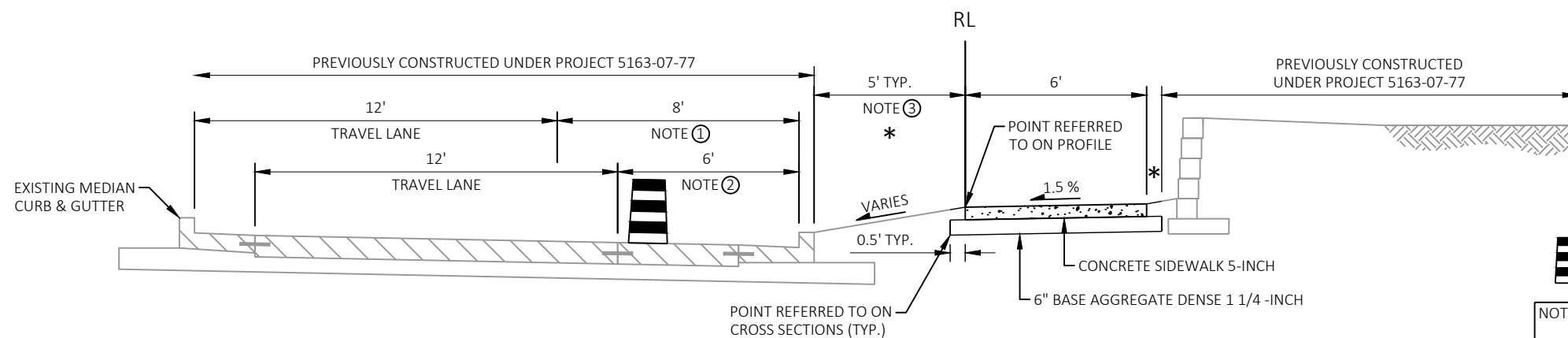
EXISTING TERRACE SECTION
PREVIOUSLY CONSTRUCTED UNDER PROJECT 5163-07-77
STA 1+00 - STA 15+92.74



TEMPORARY SHOULDER CLOSURE
US 14 / 61
TRAFFIC CONTROL

FINISHED TYPICAL SECTION
STA 1+00 - STA 8+90
STA 12+18 - STA 15+92.74

* 6" SALVAGED TOPSOIL, SEEDING MIXTURE
NO. 20, FERTILIZER TYPE B, & MULCH



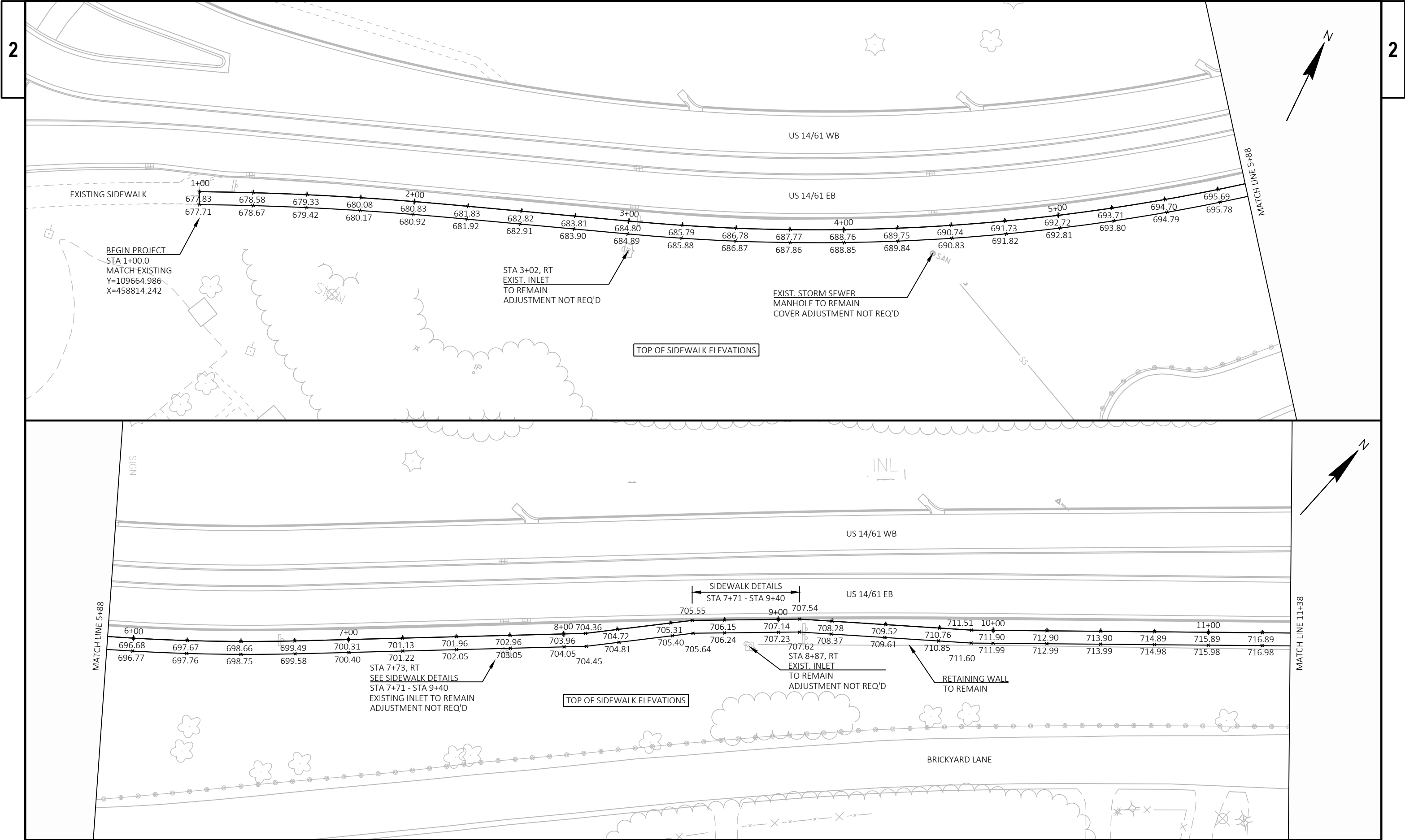
TEMPORARY SHOULDER CLOSURE
US 14 / 61
TRAFFIC CONTROL

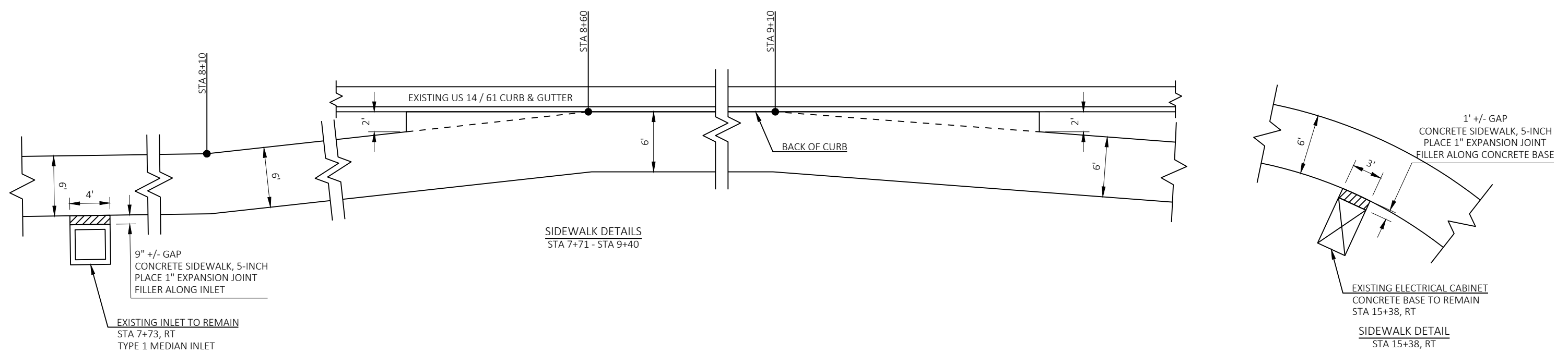
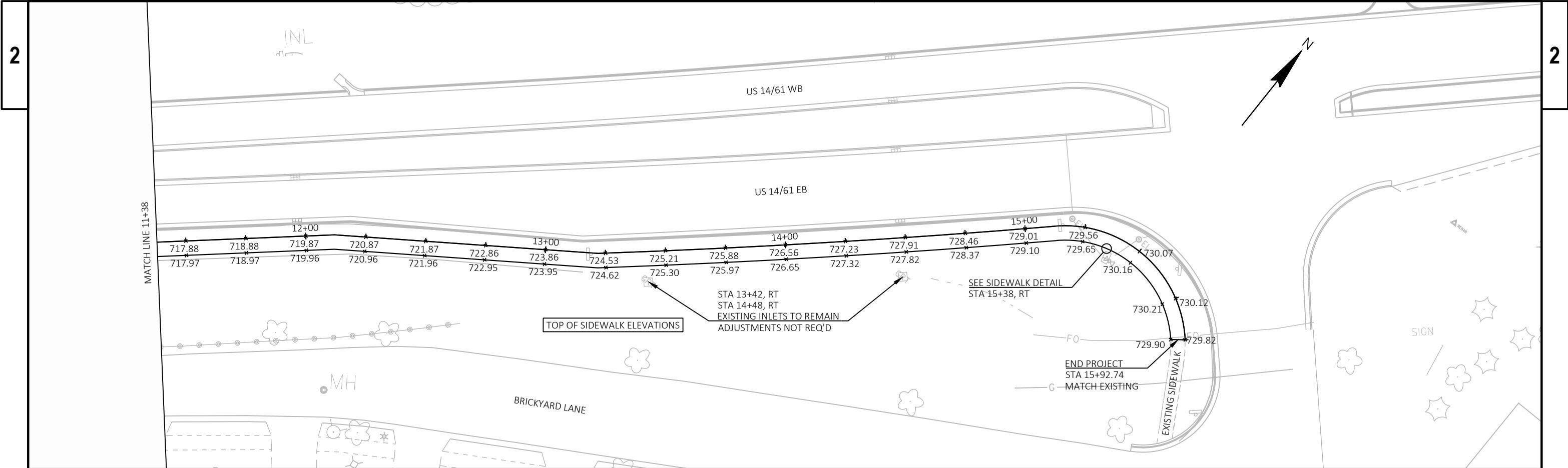
FINISHED TYPICAL SECTION
STA 8+90 - STA 12+18

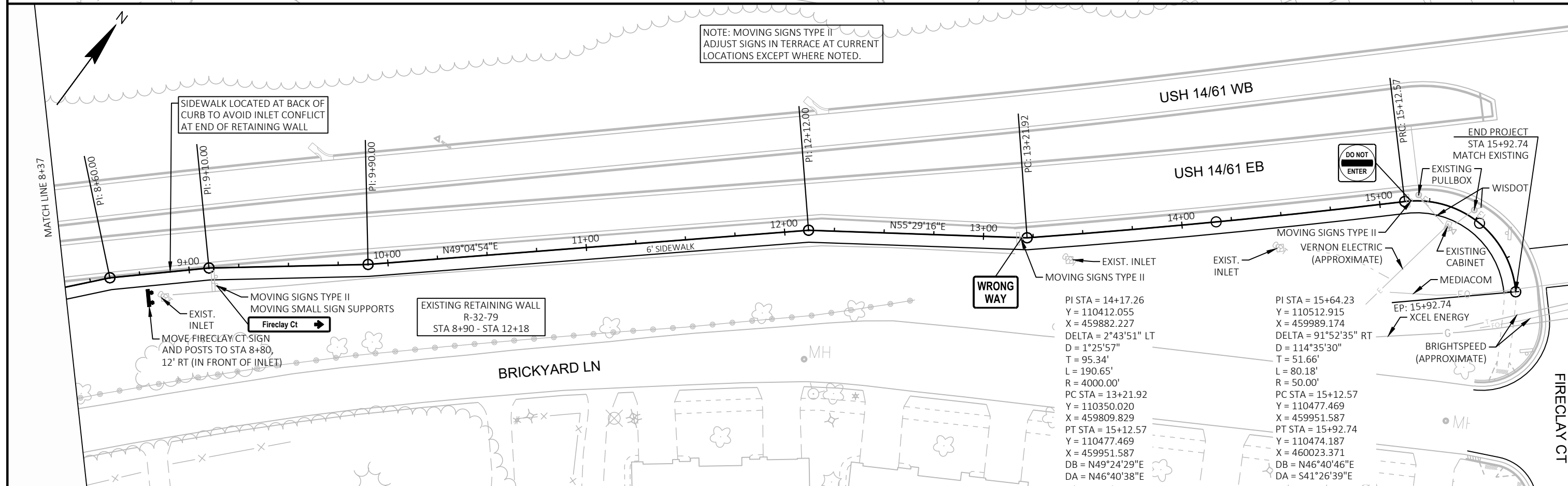
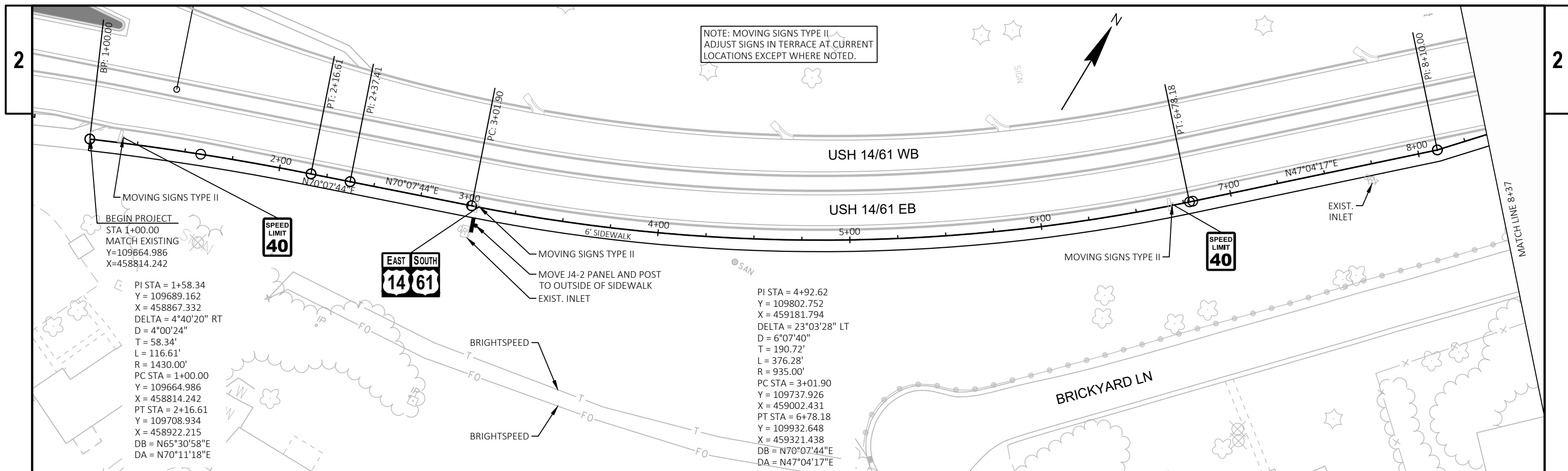
* 6" SALVAGED TOPSOIL, SEEDING MIXTURE
NO. 20, FERTILIZER TYPE B, & MULCH

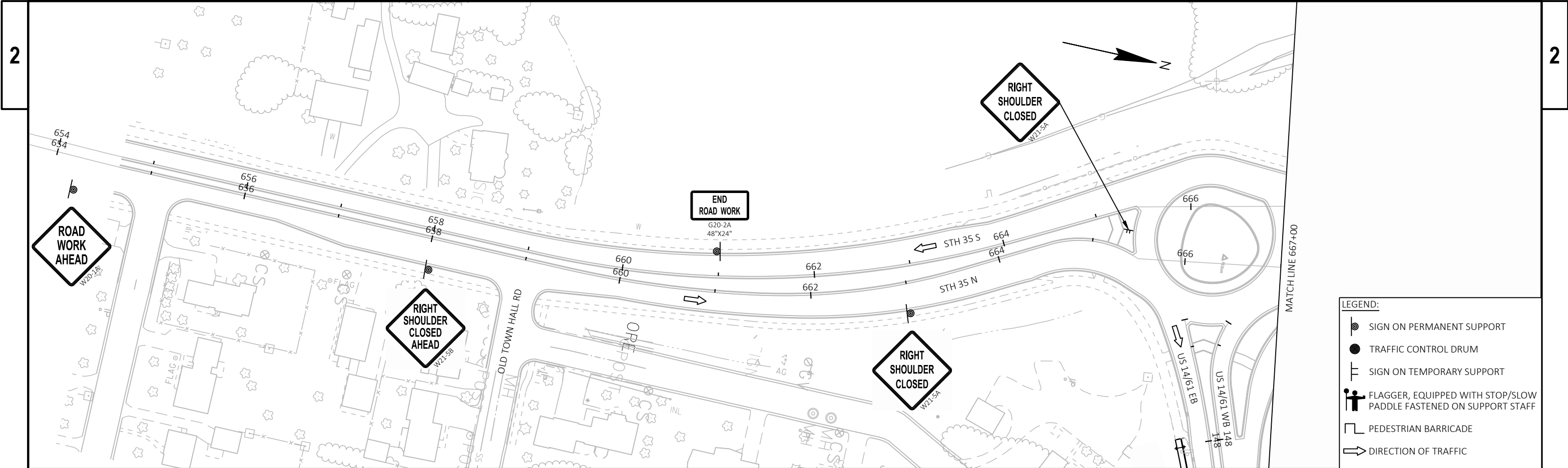


- NOTE ① : SHOULDER CLOSURE WHEN FLAGGERS ARE PRESENT.
MATERIAL DELIVERIES ARE ALLOWED FROM CLOSED SHOULDER.
MAINTAIN 12' TRAFFIC LANE WIDTH.
- NOTE ② : SHOULDER CLOSURE WHEN FLAGGERS ARE NOT PRESENT.
MATERIAL DELIVERIES NOT ALLOWED FROM CLOSED SHOULDER.
- NOTE ③ : STA 8+60 - STA 9+10: TERRACE IS ELIMINATED.
SIDEWALK IS BACK OF CURB.









GENERAL NOTES FOR TRAFFIC CONTROL

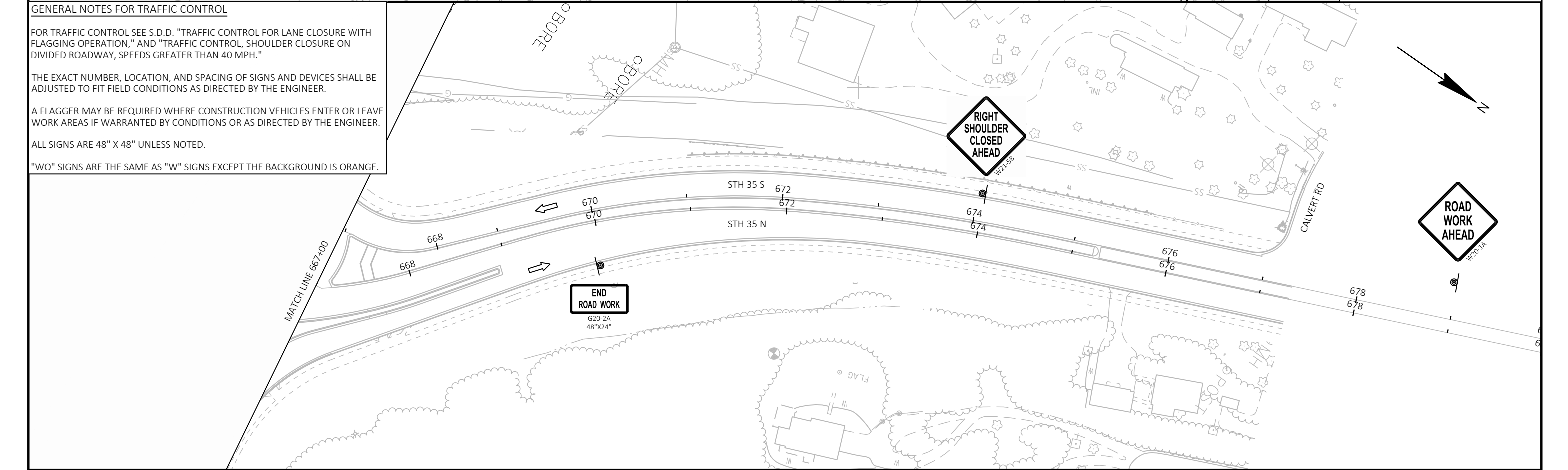
FOR TRAFFIC CONTROL SEE S.D.D. "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION," AND "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH."

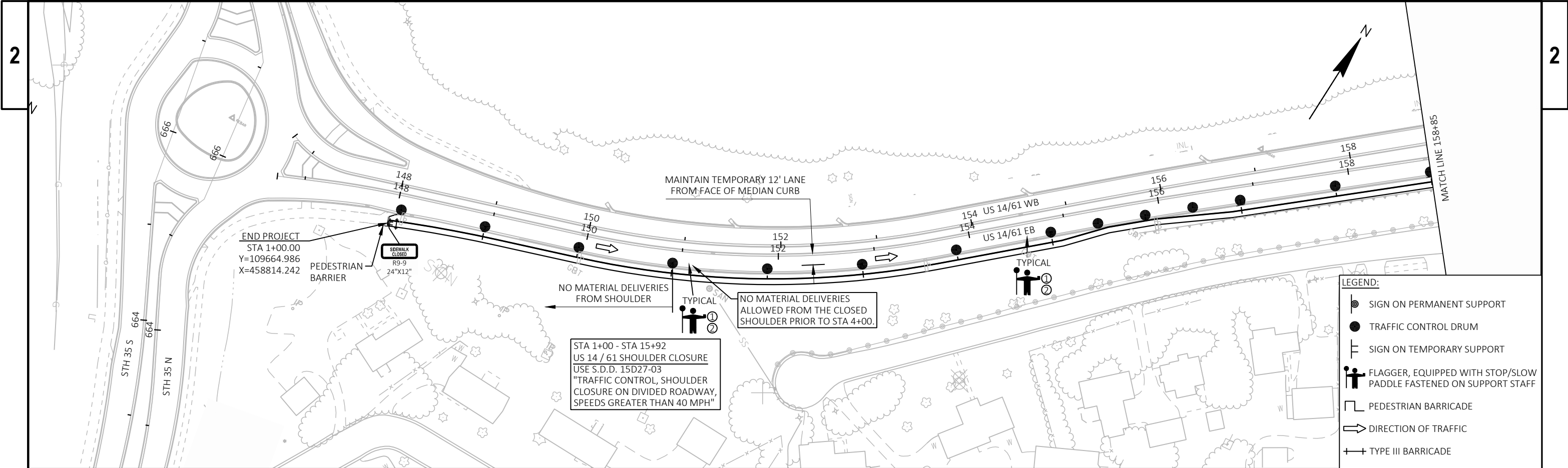
THE EXACT NUMBER, LOCATION, AND SPACING OF SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.





GENERAL NOTES FOR TRAFFIC CONTROL

FOR TRAFFIC CONTROL SEE S.D.D. "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION," AND "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH."

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

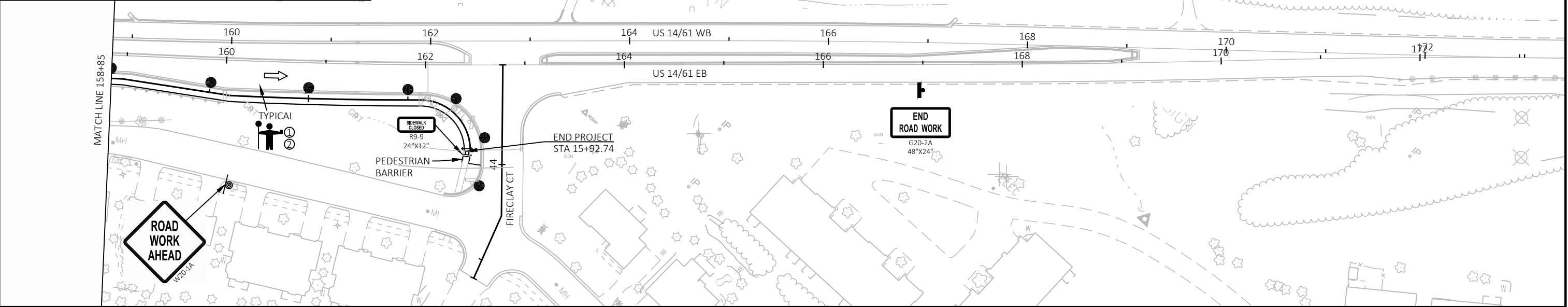
A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

- LEGEND:**
- SIGN ON PERMANENT SUPPORT
 - TRAFFIC CONTROL DRUM
 - SIGN ON TEMPORARY SUPPORT
 - FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
 - PEDESTRIAN BARRICADE
 - DIRECTION OF TRAFFIC
 - TYPE III BARRICADE

- FLAGGER NOTES:**
- ① FLAGGERS SHALL BE USED TO GUIDE TRAFFIC AROUND LOCATIONS OF MATERIAL DELIVERY
 - ② FOLLOW SDD 15C12-09A "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION FOR FLAGGING AND ADVANCED WARNING"



PROJECT NO: 1640-00-73	HWY: US 14 / 61	COUNTY: LA CROSSE	TRAFFIC CONTROL	SHEET 9	E
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MAINTENANCE OF TRAFFIC										
SECTION 01 55 25										
LOCATION	DURATION	.01		.02		.03		.04		.05
		TRAFFIC CONTROL DRUMS		TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL		TEMPORARY PEDESTRIAN BARRICADE
		DAY	DRUMS EACH*	DAY	TYPE III EACH*	DAY	SIGNS EACH*	EACH	LF	REMARKS
PROJECT	-	-	-	-	-	-	-	1		
STA 1+00	31	-	-	31	1	31	1	-	18	WEST SIDEWALK TIE-IN
STA 1+00 - STA 15+93	31	775	25	-	-	310	10	-	-	SHLDR CLOSURE
STA 16+00	31	-	-	31	1	31	1	-	24	EAST SIDEWALK TIE-IN
PROJECT - UNISTR.	31	155	5	-	-	-	-	-	-	
TOTAL		930		62		372		1	42	

*FOR INFORMATION ONLY

CONSTRUCTION STAKING								
SECTION 01 71 25								
STATION	TO	STATION	LOCATION	.01	.02	.03	.04	.05
				CONSTRUCTION STAKING SUBGRADE LF	CONSTRUCTION STAKING BASE LF	CONSTRUCTION STAKING SIDEWALK (1640-00-73) EACH	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1640-00-73) EACH	CONSTRUCTION STAKING SLOPE STAKES LF
				LF	LF	EACH	EACH	LF
1+00	-	15+93	PROJECT	1,493	1,493	1	1	1,493
TOTAL				1,493	1,493	1	1	1,493

TRAFFIC SIGNAGE
SECTION 10 14 53

STATION	LOCATION	MOUNT	DESCRIPTION	.01	.02	REMARKS
				MOVING SIGNS TYPE II EACH	MOVING SMALL SIGN SUPPORTS EACH	
1+16	LT	WOOD POST	SPEED LIMIT	1	-	ADJUST IN TERRACE
3+04	LT	WOOD POST	J4-2 ROUTE ASSEMBLY	1	-	MOVE RT OF SIDEWALK
6+68	LT	WOOD POST	SPEED LIMIT	1	-	ADJUST IN TERRACE
9+13	LT	WOOD POSTS	FIRECLAY CT	1	2	STA 8+80 RT IN FRONT OF INLET
13+16	LT	WOOD POST	WRONG WAY	1	-	ADJUST IN TERRACE
15+13	LT	WOOD POST	NO NOT ENTER	1	-	ADJUST IN TERRACE
TOTAL				6	2	

TEMPORARY EROSION CONTROL
SECTION 31 25 10

STATION	TO	STATION	LOCATION	.01	.02	.03	.04	.05	.06	.07	REMARKS
				SILT FENCE LF	SILT FENCE MAINTENANCE LF	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE C EACH	INLET PROTECTION TYPE D EACH	
1+00	-	15+92	PROJECT	100	100	1	1				
		1+23	LT						1		HIGHWAY INL
		3+02	LT						1		HIGHWAY INL
		3+02	RT							1	MEDIAN INL
		4+42	LT						1		HIGHWAY INL
		7+73	LT						1		HIGHWAY INL
		7+73	RT							1	MEDIAN INL
		7+82	LT						1		HIGHWAY INL
		8+87	RT					1			MEDIAN INL
		9+47	LT						1		HIGHWAY INL
		11+96	LT						1		HIGHWAY INL
		13+42	RT					1			MEDIAN INL
		14+48	LT						1		HIGHWAY INL
		14+48	RT					1			MEDIAN INL
UNDISTRIBUTED (25%)				25	25	-	-				
TOTAL				125	125	1	1	3	8	2	

DENSE GRADED BASE
SECTION 32 11 23

				.01	.02
				BASE AGGREGATE DENSE 1 1/4-INCH TON	WATER MGAL
STATION	TO	STATION	LOCATION		
1+00	-	15+93	PROJECT	390	4
TOTAL				390	4

CONCRETE SIDEWALKS
SECTION 32 16 30

				.01
				CONCRETE SIDEWALK 5- INCH SF
STATION	TO	STATION	LOCATION	
1+00	-	15+93	PROJECT	9,023
TOTAL				9,023

TURF ESTABLISHMENT
SECTION 32 92 12

				.01	.02	.03	.04		
				SALVAGED TOPSOIL SY	MULCHING SY	FERTILIZER TYPE B CWT	SEEDING MIXTURE NO. 20 LB		
STATION	TO	STATION	LOCATION					REMARKS	
1+00	-	15+93	PROJECT	1,128	1,128	0.8	30		
			UNDISTRIBUTED (25%)	282	282	0.2	8		
TOTAL				1,410	1,410	1.0	38		

DIVISION	FROM/TO STATION	LOCATION	31 23 10.01 COMMON EXCAVATION (1)	AVAILABLE MATERIAL (2)	UNEXPANDED FILL	EXPANDED FILL (3)	MASS ORDINATE +/- (4)	WASTE	208.0100 BORROW	COMMENT
			CUT			FACTOR 1.30				
DIVISION 1										
US14-SIDEWALK	1+00.00/15+92.74		387	387	17	22	365	365	0	
DIVISION 1 SUBTOTAL			387	387	17	22	365	365	0	
GRAND TOTAL			387	387	17	22	365	365	0	

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT MATERIAL
(2) AVAILABLE MATERIAL = CUT MATERIAL
(3) EXPANDED FILL FACTOR = 1.30
DEPENDENT ON SELECTIONS: EXPANDED FILL = UNEXPANDED FILL * FILL FACTOR
(4) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
(5) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

