

LAX

PROJECT ID: 1023-06-72

WITH:

COUNTY: MONROE

FEBRUARY 2020

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 = 92



39

DESIGN DESIGNATION

A.A.D.T.	2014	=	23,700
A.A.D.T.	2030	=	27,900
D.H.V.		=	13.3
D.D.		=	58/42
T.		=	22.2%
DESIGN SPEED		=	70 MPH
ESALS		=	29,000,000

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS

PROPERTY LINE

LOT LINE

LIMITED HIGHWAY EASEMENT

EXISTING RIGHT OF WAY

PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT (Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE (To be noted as such)

SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

ELECTRIC

FIBER OPTIC

GAS

SANITARY SEWER

STORM SEWER

TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE

ROCK

LABEL

95.36

E

FO

G

SAN

SS

T

W

Utility symbols

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

BLACK RIVER FALLS - TOMAH

B-41-0062, 0064, 0066, & 0068

IH 94

MONROE

STATE PROJECT NUMBER

1023-06-72

BEGIN PROJECT

STATION 2450+45

X=695305.93 Y=453848.28

B-41-0062

BEGIN CONSTRUCTION, STATION 2450+45

X=695305.93 Y=453848.28

END CONSTRUCTION, STATION 2453+05

B-41-0064

BEGIN CONSTRUCTION, STATION 2462+90

X=695922.37 Y=452766.76

END CONSTRUCTION, STATION 2464+60

B-41-0066

BEGIN CONSTRUCTION, STATION 2547+90

X=699331.21 Y=445383.44

END CONSTRUCTION, STATION 2549+50

B-41-0068

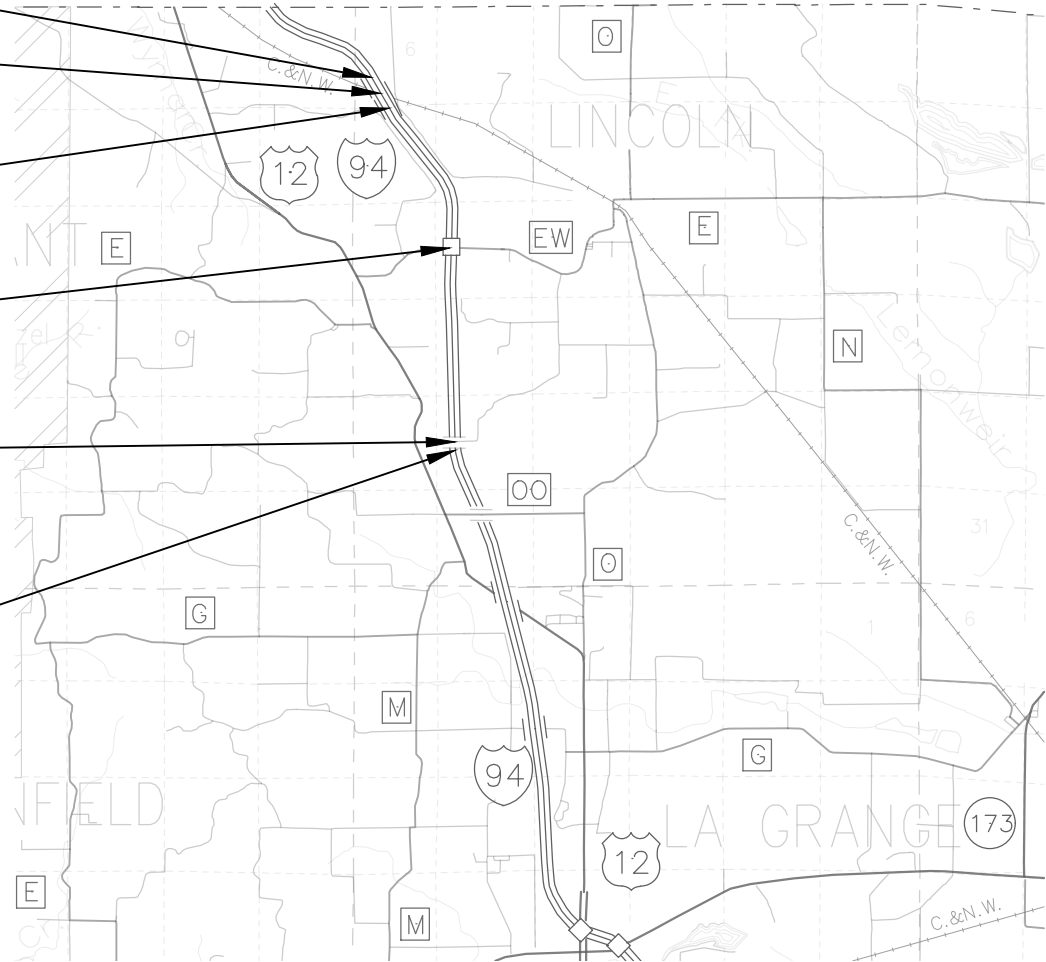
BEGIN CONSTRUCTION, STATION 17+40B

X=699398.05 Y=434549.63

END CONSTRUCTION, STATION 23+10B

END PROJECT

STATION 2656+50



0 2 MI

LAYOUT

SCALE

TOTAL NET LENGTH OF CENTERLINE = 0.000

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MONROE 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 12A.

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor

Designer

Project Manager

Regional Examiner

Regional Supervisor

WISDOT

BRANDYN MECUM

BRIAN MEYER

SW REGION

JIM SAVOLDELLI

APPROVED FOR THE DEPARTMENT

DATE: 4/09/2019

(Signature)

E

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1023-06-72	WISC 2019574	1

FILE NAME : N:\PDS\C3D\10230602\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 4/23/2018 1:52 PM

PLOT BY : MECUM, BRANDYN W

PLOT NAME :

2	GENERAL NOTES - THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. - THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE. - ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN. - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN CONSTRUCTION OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAY SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER CONSTRUCTION IN DRIVEWAY AREA IS COMPLETED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS. - PRIOR TO THE PLACEMENT OF STEEL PLATE BEAM GUARD, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE. - THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE. - HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN. - CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS. STANDARD ABBREVIATIONS <table><tr><td>AC</td><td>ACRE</td><td>LC.</td><td>LONG CHORD</td></tr><tr><td>AGG</td><td>AGGREGATE</td><td>LS</td><td>LUMP SUM</td></tr><tr><td><</td><td>ANGLE</td><td>M.P.</td><td>MARKER POST</td></tr><tr><td>AE, AEW</td><td>APRON ENDWALL</td><td>MGAL</td><td>1000 GALLONS</td></tr><tr><td>ASPH.</td><td>ASPHALTIC</td><td>N.C.</td><td>NORMAL CROWN</td></tr><tr><td>A.D.T.</td><td>AVERAGE DAILY TRAFFIC</td><td>N</td><td>NORTH</td></tr><tr><td>A.A.D.T.</td><td>ANNUAL AVERAGE DAILY TRAFFIC</td><td>NB</td><td>NORTHBOUND</td></tr><tr><td>B.F.</td><td>BACK FACE</td><td>NOR</td><td>NORMAL</td></tr><tr><td>BM</td><td>BENCHMARK</td><td>NO.</td><td>NUMBER</td></tr><tr><td>BTWN</td><td>BETWEEN</td><td>PAV'T</td><td>PAVEMENT</td></tr><tr><td>CTR.</td><td>CENTER</td><td>P.L.E.</td><td>PERMANENT LIMITED EASEMENT</td></tr><tr><td>C/L</td><td>CENTER LINE</td><td>P.C.</td><td>POINT OF CURVATURE</td></tr><tr><td>Δ</td><td>CENTRAL ANGLE OR DELTA</td><td>P.I.</td><td>POINT OF INTERSECTION</td></tr><tr><td>C.E.</td><td>COMMERCIAL ENTRANCE</td><td>P.T.</td><td>POINT OF TANGENCY</td></tr><tr><td>CONST.</td><td>CONSTRUCTION</td><td>PCC</td><td>PORTLAND CEMENT CONCRETE</td></tr><tr><td>CMCP</td><td>CORRUGATED METAL CULVERT PIPE</td><td>P.E.</td><td>PRIVATE ENTRANCE</td></tr><tr><td>CMP</td><td>CORRUGATED METAL PIPE</td><td>PGL</td><td>PROFILE GRADE LINE</td></tr><tr><td>CO.</td><td>COUNTY</td><td>P.L.</td><td>PROPERTY LINE</td></tr><tr><td>CTH</td><td>COUNTY TRUNK HIGHWAY</td><td>R</td><td>RADIUS OR RANGE</td></tr><tr><td>CR.</td><td>CREEK</td><td>R/L</td><td>REFERENCE LINE</td></tr><tr><td>CABC</td><td>CRUSHED AGGREGATE BASE COURSE</td><td>R.C.C.P.</td><td>REINFORCED CONCRETE CULVERT PIPE</td></tr><tr><td>CY</td><td>CUBIC YARD</td><td>REQ'D</td><td>REQUIRED</td></tr><tr><td>CP</td><td>CONTROL POINT OR CULVERT PIPE</td><td>RT</td><td>RIGHT</td></tr><tr><td>C&G</td><td>CURB AND GUTTER</td><td>R.H.F.</td><td>RIGHT HAND FORWARD</td></tr><tr><td>D</td><td>DEGREE OF CURVE</td><td>R/W</td><td>RIGHT OF WAY</td></tr><tr><td>D.H.V.</td><td>DESIGN HOURLY VOLUME</td><td>RD.</td><td>ROAD</td></tr><tr><td>DIA.</td><td>DIAMETER</td><td>SHLD.</td><td>SHOULDER(S)</td></tr><tr><td>D.D.</td><td>DIRECTIONAL DISTRIBUTION</td><td>SHR.</td><td>SHRINKAGE</td></tr><tr><td>DISCH.</td><td>DISCHARGE</td><td>S</td><td>SOUTH</td></tr><tr><td>DMS</td><td>DYNAMIC MESSAGE SIGN</td><td>SB</td><td>SOUTHBOUND</td></tr><tr><td>EA</td><td>EACH</td><td>S.F.</td><td>SQUARE FOOT (FEET)</td></tr><tr><td>E</td><td>EAST</td><td>SDD</td><td>STANDARD DETAIL DRAWING(S)</td></tr><tr><td>EB</td><td>EASTBOUND</td><td>STH</td><td>STATE TRUNK HIGHWAY</td></tr><tr><td>ELEC.</td><td>ELECTRIC(AL), ELEC. CABLE</td><td>STA.</td><td>STATION</td></tr><tr><td>EL., ELEV.</td><td>ELEVATION</td><td>S.E.</td><td>SUPERELEVATION</td></tr><tr><td>ESALS</td><td>EQUIVALENT SINGLE AXLE LOADS</td><td>S/L</td><td>SURVEY LINE</td></tr><tr><td>EXC.</td><td>EXCAVATION</td><td>SYM</td><td>SYMMETRICAL</td></tr><tr><td>EXIST</td><td>EXISTING</td><td>T.</td><td>PERCENT TRUCKS</td></tr><tr><td>F.F.</td><td>FACE TO FACE</td><td>TEL.</td><td>TELEPHONE</td></tr><tr><td>FERT.</td><td>FERTILIZER</td><td>TEMP.</td><td>TEMPORARY</td></tr><tr><td>F.E.</td><td>FIELD ENTRANCE</td><td>T.L.E.</td><td>TEMPORARY LIMITED EASEMENT</td></tr><tr><td>F/L, F.L.</td><td>FLOW LINE</td><td>T.O.C.</td><td>TOP OF CURB</td></tr><tr><td>GALV.</td><td>GALVANIZE</td><td>TYP</td><td>TYPICAL</td></tr><tr><td>H.S.</td><td>HIGH STRENGTH</td><td>UNCL.</td><td>UNCLASSIFIED</td></tr><tr><td>CWT</td><td>HUNDRED WEIGHT</td><td>U.G.</td><td>UNDERGROUND (CABLE)</td></tr><tr><td>INL</td><td>INLET</td><td>VAR</td><td>VARIABLE</td></tr><tr><td>INTER.</td><td>INTERSECTION</td><td>V.C.</td><td>VERTICAL CURVE</td></tr><tr><td>IH</td><td>INTERSTATE HIGHWAY</td><td>V.P.C.</td><td>VERTICAL POINT OF CURVATURE</td></tr><tr><td>JT.</td><td>JOINT</td><td>V.P.I.</td><td>VERTICAL POINT OF INTERSECTION</td></tr><tr><td>LT</td><td>LEFT</td><td>V.P.T.</td><td>VERTICAL POINT OF TANGENCY</td></tr><tr><td>L.H.F.</td><td>LEFT HAND FORWARD</td><td>Wt.</td><td>WEIGHT</td></tr><tr><td>L.</td><td>LENGTH OF CURVE</td><td>W</td><td>WEST</td></tr><tr><td>L.F.</td><td>LINEAR FOOT (FEET)</td><td>WB</td><td>WESTBOUND</td></tr></table>	AC	ACRE	LC.	LONG CHORD	AGG	AGGREGATE	LS	LUMP SUM	<	ANGLE	M.P.	MARKER POST	AE, AEW	APRON ENDWALL	MGAL	1000 GALLONS	ASPH.	ASPHALTIC	N.C.	NORMAL CROWN	A.D.T.	AVERAGE DAILY TRAFFIC	N	NORTH	A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	NB	NORTHBOUND	B.F.	BACK FACE	NOR	NORMAL	BM	BENCHMARK	NO.	NUMBER	BTWN	BETWEEN	PAV'T	PAVEMENT	CTR.	CENTER	P.L.E.	PERMANENT LIMITED EASEMENT	C/L	CENTER LINE	P.C.	POINT OF CURVATURE	Δ	CENTRAL ANGLE OR DELTA	P.I.	POINT OF INTERSECTION	C.E.	COMMERCIAL ENTRANCE	P.T.	POINT OF TANGENCY	CONST.	CONSTRUCTION	PCC	PORTLAND CEMENT CONCRETE	CMCP	CORRUGATED METAL CULVERT PIPE	P.E.	PRIVATE ENTRANCE	CMP	CORRUGATED METAL PIPE	PGL	PROFILE GRADE LINE	CO.	COUNTY	P.L.	PROPERTY LINE	CTH	COUNTY TRUNK HIGHWAY	R	RADIUS OR RANGE	CR.	CREEK	R/L	REFERENCE LINE	CABC	CRUSHED AGGREGATE BASE COURSE	R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE	CY	CUBIC YARD	REQ'D	REQUIRED	CP	CONTROL POINT OR CULVERT PIPE	RT	RIGHT	C&G	CURB AND GUTTER	R.H.F.	RIGHT HAND FORWARD	D	DEGREE OF CURVE	R/W	RIGHT OF WAY	D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD	DIA.	DIAMETER	SHLD.	SHOULDER(S)	D.D.	DIRECTIONAL DISTRIBUTION	SHR.	SHRINKAGE	DISCH.	DISCHARGE	S	SOUTH	DMS	DYNAMIC MESSAGE SIGN	SB	SOUTHBOUND	EA	EACH	S.F.	SQUARE FOOT (FEET)	E	EAST	SDD	STANDARD DETAIL DRAWING(S)	EB	EASTBOUND	STH	STATE TRUNK HIGHWAY	ELEC.	ELECTRIC(AL), ELEC. CABLE	STA.	STATION	EL., ELEV.	ELEVATION	S.E.	SUPERELEVATION	ESALS	EQUIVALENT SINGLE AXLE LOADS	S/L	SURVEY LINE	EXC.	EXCAVATION	SYM	SYMMETRICAL	EXIST	EXISTING	T.	PERCENT TRUCKS	F.F.	FACE TO FACE	TEL.	TELEPHONE	FERT.	FERTILIZER	TEMP.	TEMPORARY	F.E.	FIELD ENTRANCE	T.L.E.	TEMPORARY LIMITED EASEMENT	F/L, F.L.	FLOW LINE	T.O.C.	TOP OF CURB	GALV.	GALVANIZE	TYP	TYPICAL	H.S.	HIGH STRENGTH	UNCL.	UNCLASSIFIED	CWT	HUNDRED WEIGHT	U.G.	UNDERGROUND (CABLE)	INL	INLET	VAR	VARIABLE	INTER.	INTERSECTION	V.C.	VERTICAL CURVE	IH	INTERSTATE HIGHWAY	V.P.C.	VERTICAL POINT OF CURVATURE	JT.	JOINT	V.P.I.	VERTICAL POINT OF INTERSECTION	LT	LEFT	V.P.T.	VERTICAL POINT OF TANGENCY	L.H.F.	LEFT HAND FORWARD	Wt.	WEIGHT	L.	LENGTH OF CURVE	W	WEST	L.F.	LINEAR FOOT (FEET)	WB	WESTBOUND	2
AC	ACRE	LC.	LONG CHORD																																																																																																																																																																																																																			
AGG	AGGREGATE	LS	LUMP SUM																																																																																																																																																																																																																			
<	ANGLE	M.P.	MARKER POST																																																																																																																																																																																																																			
AE, AEW	APRON ENDWALL	MGAL	1000 GALLONS																																																																																																																																																																																																																			
ASPH.	ASPHALTIC	N.C.	NORMAL CROWN																																																																																																																																																																																																																			
A.D.T.	AVERAGE DAILY TRAFFIC	N	NORTH																																																																																																																																																																																																																			
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	NB	NORTHBOUND																																																																																																																																																																																																																			
B.F.	BACK FACE	NOR	NORMAL																																																																																																																																																																																																																			
BM	BENCHMARK	NO.	NUMBER																																																																																																																																																																																																																			
BTWN	BETWEEN	PAV'T	PAVEMENT																																																																																																																																																																																																																			
CTR.	CENTER	P.L.E.	PERMANENT LIMITED EASEMENT																																																																																																																																																																																																																			
C/L	CENTER LINE	P.C.	POINT OF CURVATURE																																																																																																																																																																																																																			
Δ	CENTRAL ANGLE OR DELTA	P.I.	POINT OF INTERSECTION																																																																																																																																																																																																																			
C.E.	COMMERCIAL ENTRANCE	P.T.	POINT OF TANGENCY																																																																																																																																																																																																																			
CONST.	CONSTRUCTION	PCC	PORTLAND CEMENT CONCRETE																																																																																																																																																																																																																			
CMCP	CORRUGATED METAL CULVERT PIPE	P.E.	PRIVATE ENTRANCE																																																																																																																																																																																																																			
CMP	CORRUGATED METAL PIPE	PGL	PROFILE GRADE LINE																																																																																																																																																																																																																			
CO.	COUNTY	P.L.	PROPERTY LINE																																																																																																																																																																																																																			
CTH	COUNTY TRUNK HIGHWAY	R	RADIUS OR RANGE																																																																																																																																																																																																																			
CR.	CREEK	R/L	REFERENCE LINE																																																																																																																																																																																																																			
CABC	CRUSHED AGGREGATE BASE COURSE	R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE																																																																																																																																																																																																																			
CY	CUBIC YARD	REQ'D	REQUIRED																																																																																																																																																																																																																			
CP	CONTROL POINT OR CULVERT PIPE	RT	RIGHT																																																																																																																																																																																																																			
C&G	CURB AND GUTTER	R.H.F.	RIGHT HAND FORWARD																																																																																																																																																																																																																			
D	DEGREE OF CURVE	R/W	RIGHT OF WAY																																																																																																																																																																																																																			
D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD																																																																																																																																																																																																																			
DIA.	DIAMETER	SHLD.	SHOULDER(S)																																																																																																																																																																																																																			
D.D.	DIRECTIONAL DISTRIBUTION	SHR.	SHRINKAGE																																																																																																																																																																																																																			
DISCH.	DISCHARGE	S	SOUTH																																																																																																																																																																																																																			
DMS	DYNAMIC MESSAGE SIGN	SB	SOUTHBOUND																																																																																																																																																																																																																			
EA	EACH	S.F.	SQUARE FOOT (FEET)																																																																																																																																																																																																																			
E	EAST	SDD	STANDARD DETAIL DRAWING(S)																																																																																																																																																																																																																			
EB	EASTBOUND	STH	STATE TRUNK HIGHWAY																																																																																																																																																																																																																			
ELEC.	ELECTRIC(AL), ELEC. CABLE	STA.	STATION																																																																																																																																																																																																																			
EL., ELEV.	ELEVATION	S.E.	SUPERELEVATION																																																																																																																																																																																																																			
ESALS	EQUIVALENT SINGLE AXLE LOADS	S/L	SURVEY LINE																																																																																																																																																																																																																			
EXC.	EXCAVATION	SYM	SYMMETRICAL																																																																																																																																																																																																																			
EXIST	EXISTING	T.	PERCENT TRUCKS																																																																																																																																																																																																																			
F.F.	FACE TO FACE	TEL.	TELEPHONE																																																																																																																																																																																																																			
FERT.	FERTILIZER	TEMP.	TEMPORARY																																																																																																																																																																																																																			
F.E.	FIELD ENTRANCE	T.L.E.	TEMPORARY LIMITED EASEMENT																																																																																																																																																																																																																			
F/L, F.L.	FLOW LINE	T.O.C.	TOP OF CURB																																																																																																																																																																																																																			
GALV.	GALVANIZE	TYP	TYPICAL																																																																																																																																																																																																																			
H.S.	HIGH STRENGTH	UNCL.	UNCLASSIFIED																																																																																																																																																																																																																			
CWT	HUNDRED WEIGHT	U.G.	UNDERGROUND (CABLE)																																																																																																																																																																																																																			
INL	INLET	VAR	VARIABLE																																																																																																																																																																																																																			
INTER.	INTERSECTION	V.C.	VERTICAL CURVE																																																																																																																																																																																																																			
IH	INTERSTATE HIGHWAY	V.P.C.	VERTICAL POINT OF CURVATURE																																																																																																																																																																																																																			
JT.	JOINT	V.P.I.	VERTICAL POINT OF INTERSECTION																																																																																																																																																																																																																			
LT	LEFT	V.P.T.	VERTICAL POINT OF TANGENCY																																																																																																																																																																																																																			
L.H.F.	LEFT HAND FORWARD	Wt.	WEIGHT																																																																																																																																																																																																																			
L.	LENGTH OF CURVE	W	WEST																																																																																																																																																																																																																			
L.F.	LINEAR FOOT (FEET)	WB	WESTBOUND																																																																																																																																																																																																																			
PROJECT NO: 1023-06-72	HWY: IH 94	COUNTY: MONROE	GENERAL NOTES	SHEET:	E																																																																																																																																																																																																																	

UTILITY CONTACTS

Kenneth Colwell
AT&T Legacy - Communication Line
866 Rock Creek Rd.
Plano, IL 60545
(210) 246-8099
kc1298@att.com

Michael Brolin
Alliant Energy - Electricity
4902 N Biltmore Lane
Madison, WI 53718
(608) 458-4871
MichaelBrolin@alliantenergy.com

James Burton
Sprint Communications Co LP - Communication Line
1901 N. Roselle Rd., Suite 500
Schaumburg, IL 60195
(708) 955-6659
james.m.burton@sprint.com

Mike Olsen
ATC Management, Inc. - Electricity-transmission
801 O'keefe Rd
P.O. Box 6113
De Pere, WI 54115-6113
(920) 338-6582
molsen@atcllc.com

Ryan Niemeier
CenturyLink - Communication Line
333 N Front St
La Crosse, WI 54601
(608) 796-5190
ryan.niemeier@centurylink.com

DESIGN CONTACTS

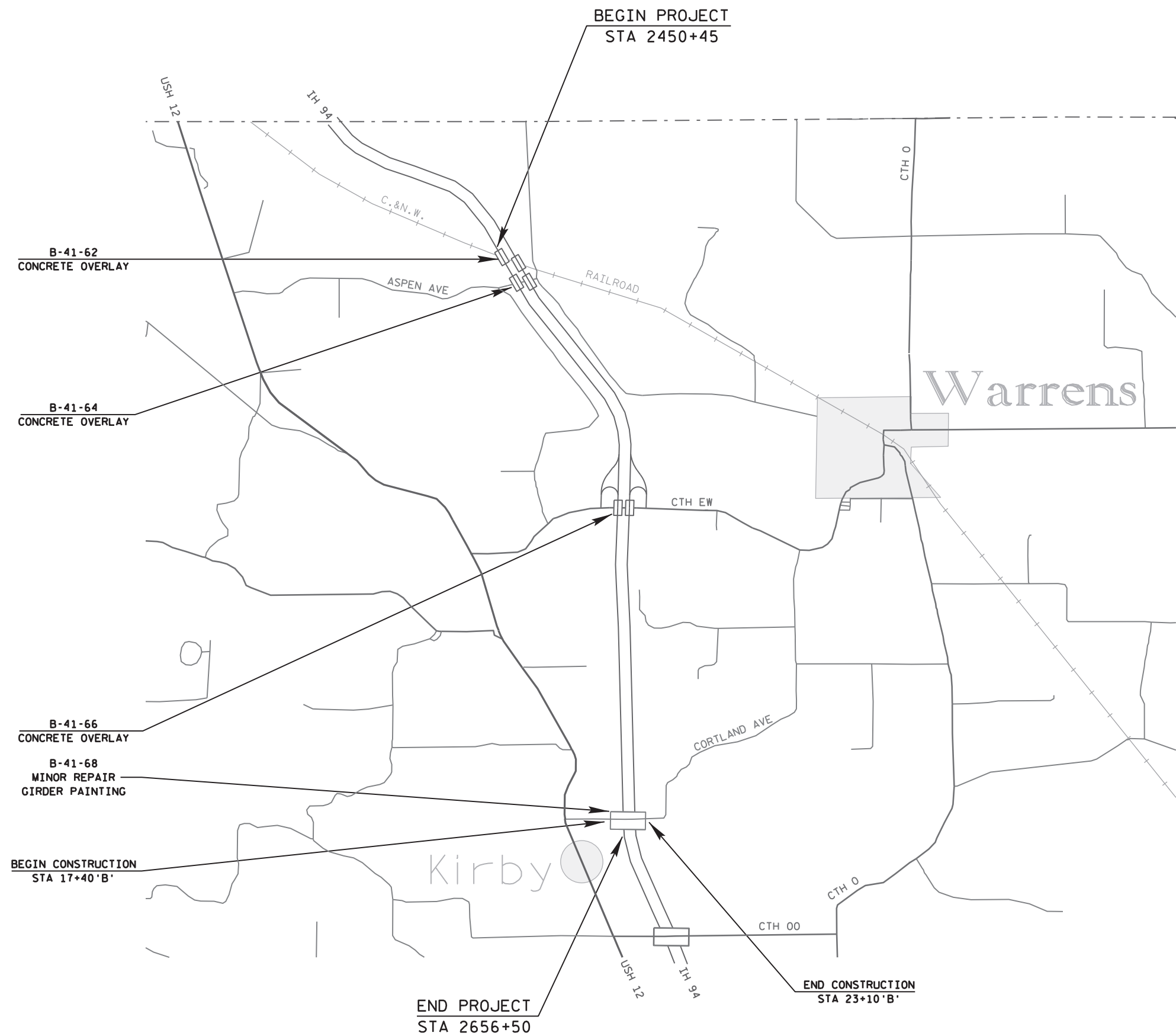
BRIAN MEYER
PROJECT MANAGER
WISDOT SW REGION
3550 MORMON COULEE RD
LA CROSSE, WI 54601
608-789-5676

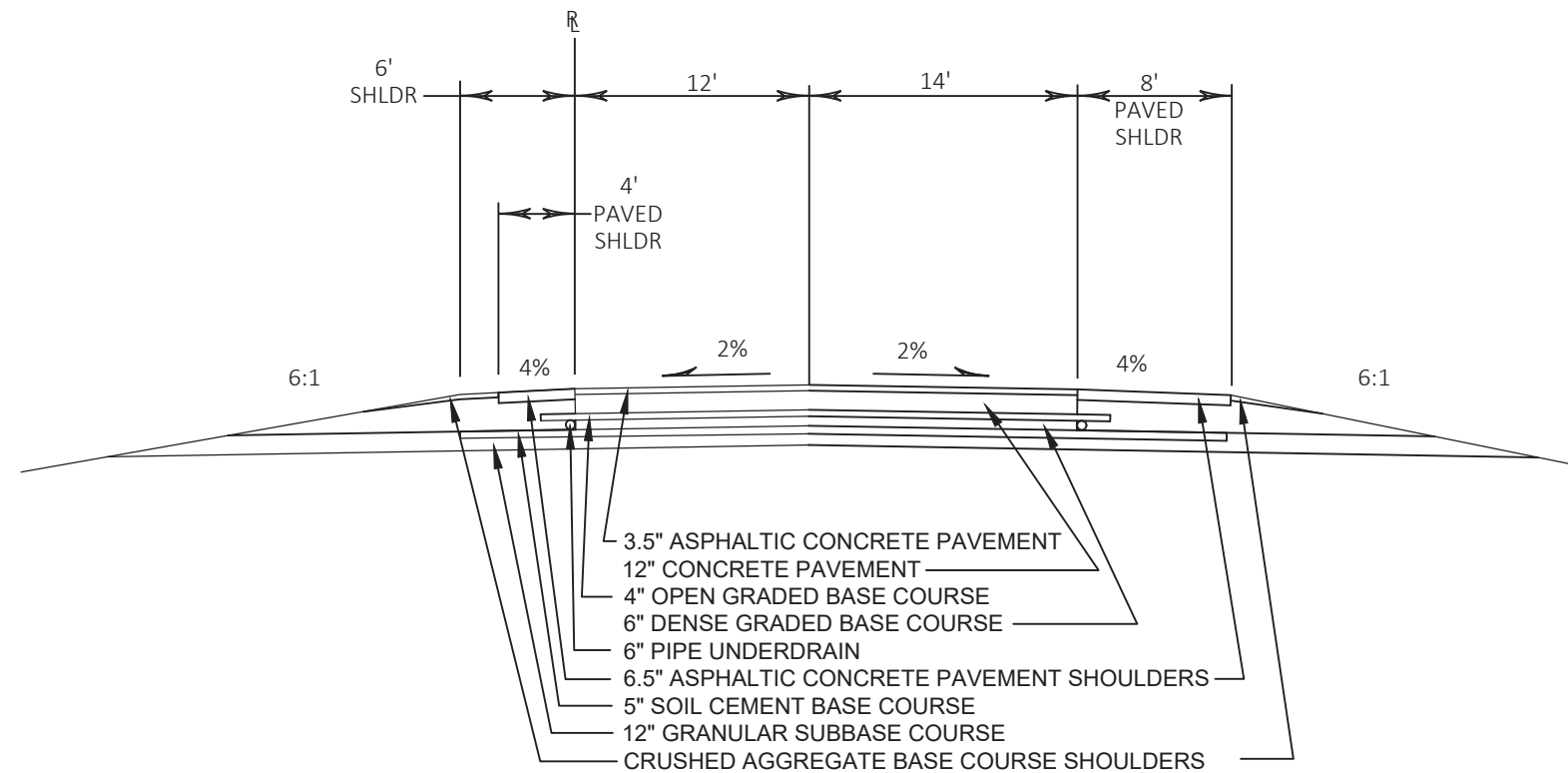
BRANDYN MECUM
PROJECT DESIGNER
WISDOT SW REGION
3550 MORMON COULEE RD
LA CROSSE, WI 54601
608-785-9070

DNR LIAISON

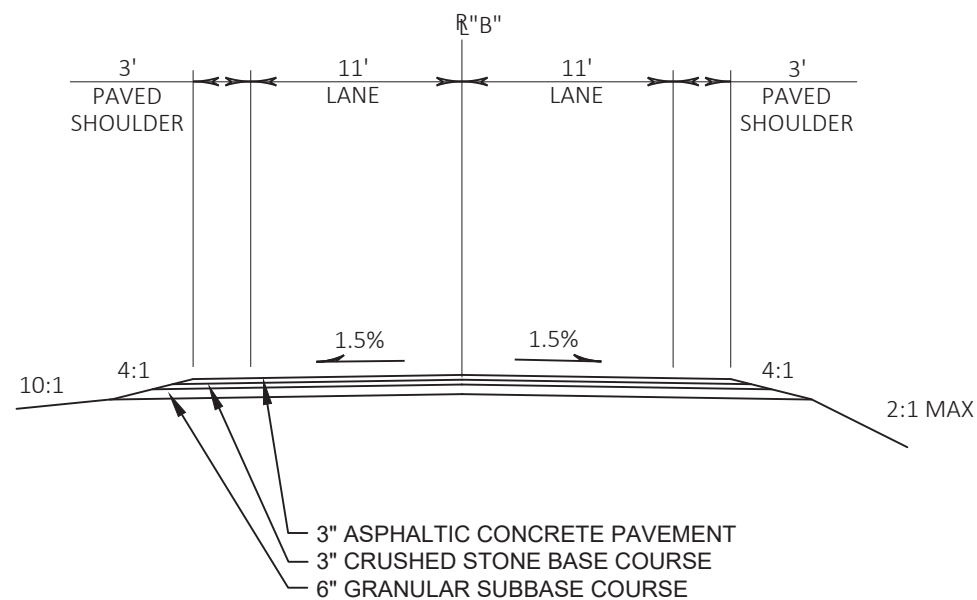
KAREN KALVELAGE
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
WEST CENTRAL REGION
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9115



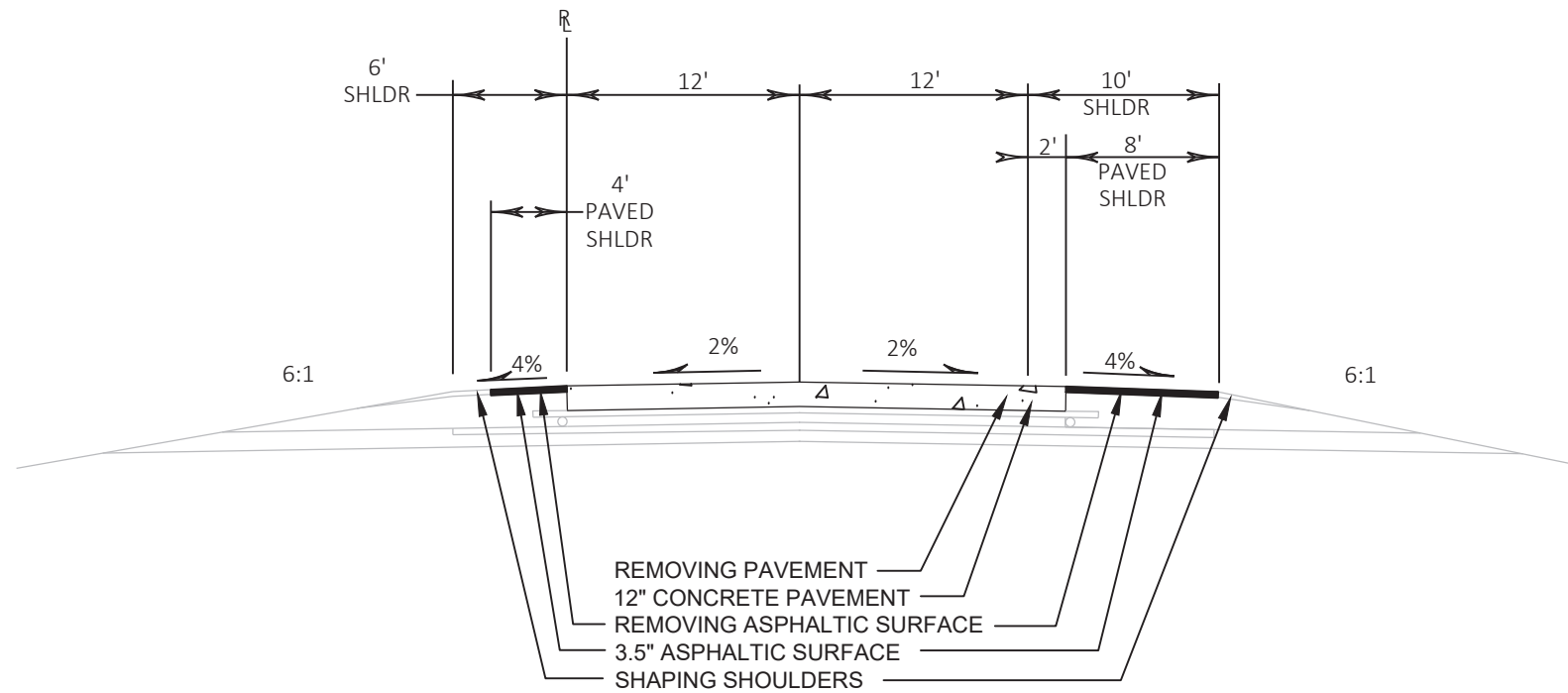




TYPICAL EXISTING SECTION - IH 94 EB
ADJACENT TO B-41-62, B-41-64, B-41-66

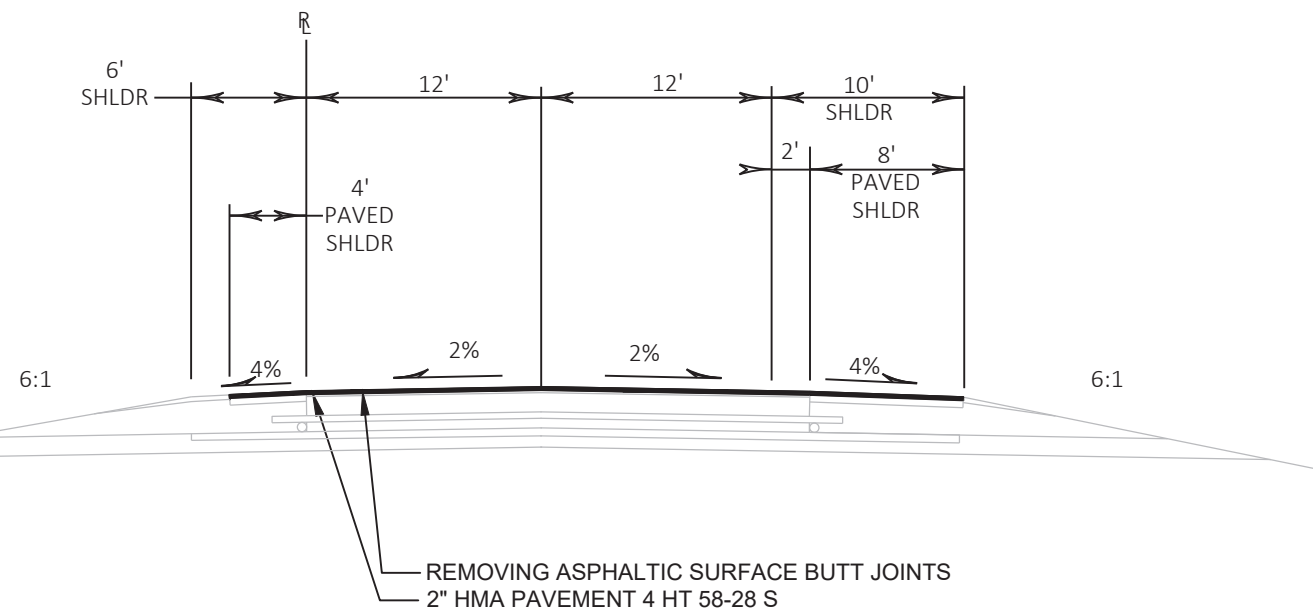


TYPICAL EXISTING SECTION - CORTLAND AVE
ADJACENT TO B-41-68



PROPOSED TYPICAL SECTION - IH 94 EB

ADJACENT TO B-41-62
STATION 2450+44 TO STATION 2450+91
STATION 2452+56 TO STATION 2453+03

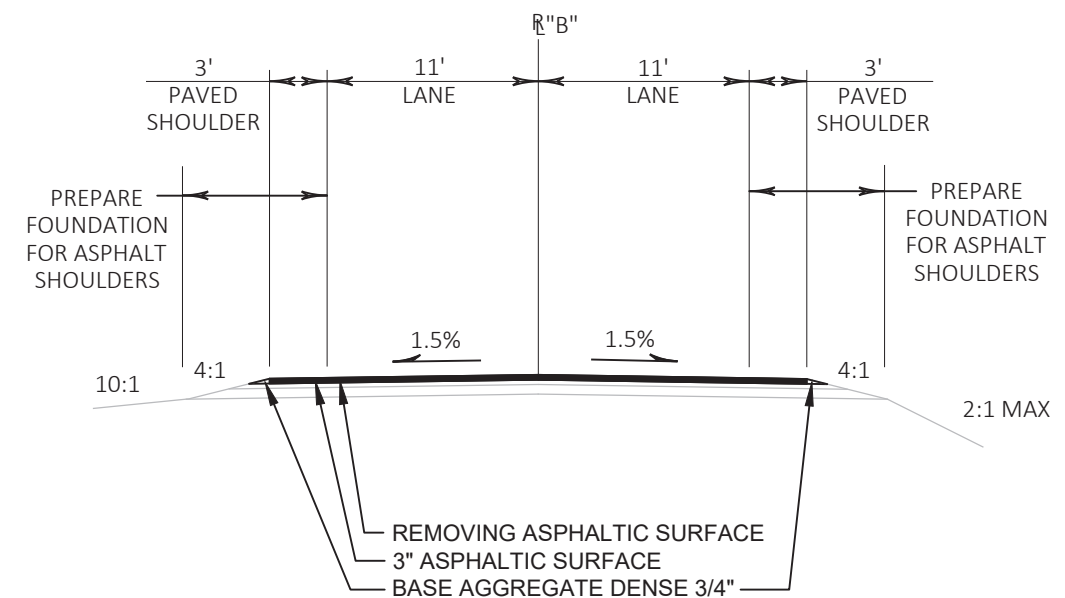


PROPOSED TYPICAL SECTION - IH 94 EB

ADJACENT TO B-41-62
STATION 2449+81 TO STATION 2450+45
STATION 2453+03 TO STATION 2453+65

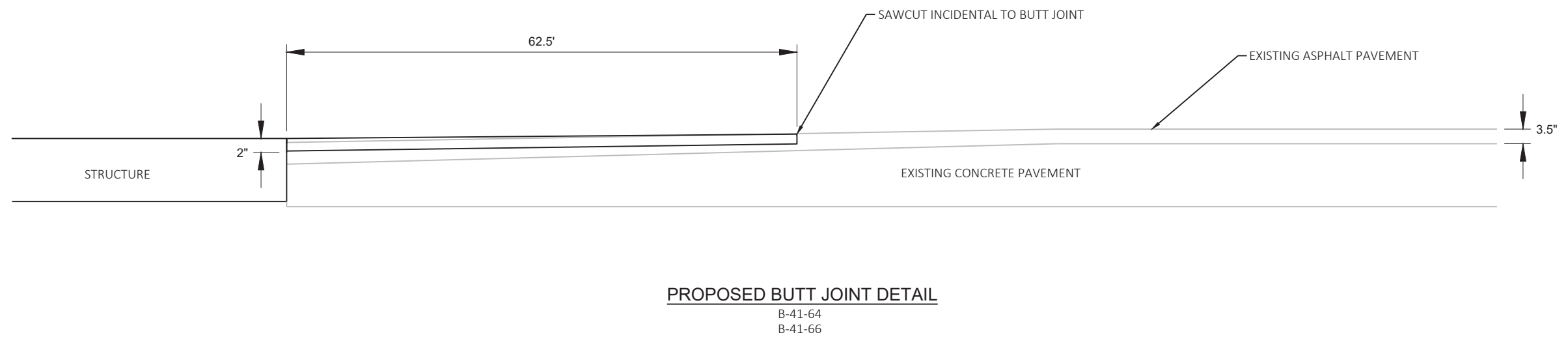
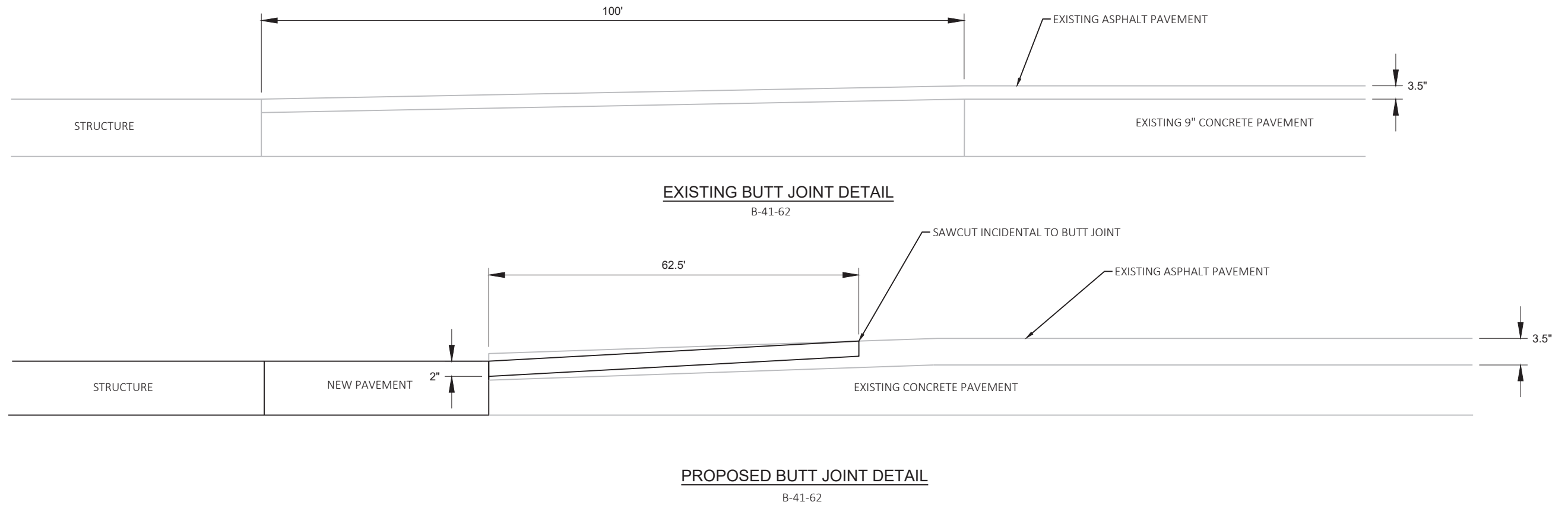
ADJACENT TO B-41-64
STATION 2462+54 TO STATION 2463+25
STATION 2464+14 TO STATION 2464+89

ADJACENT TO B-41-66
STATION 2547+53 TO STATION 2548+18
STATION 2549+23 TO STATION 2549+87

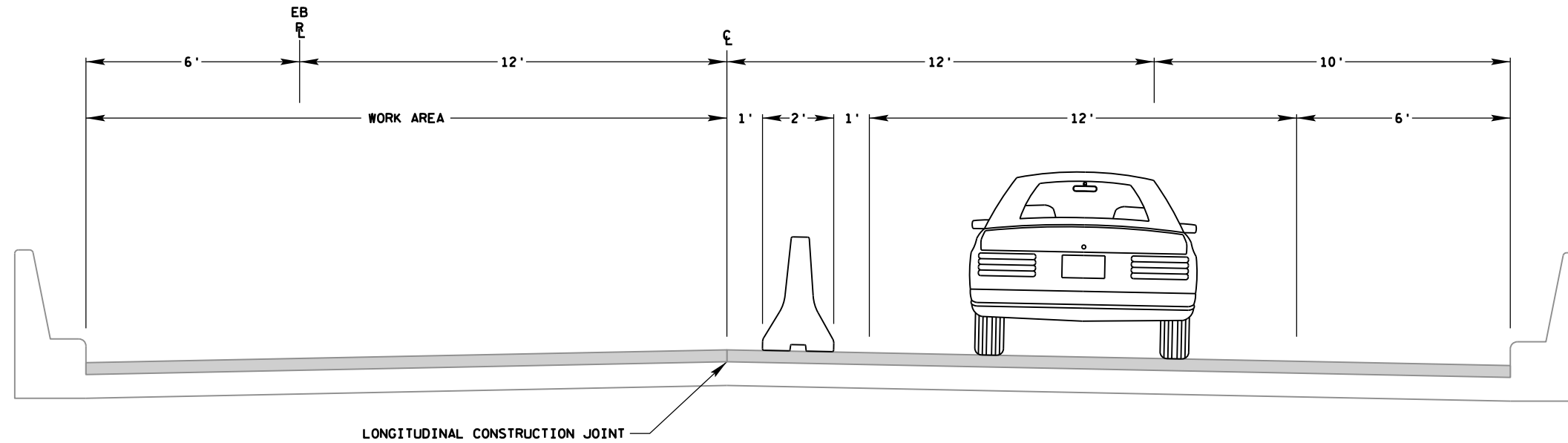


PROPOSED TYPICAL SECTION - CORTLAND AVE

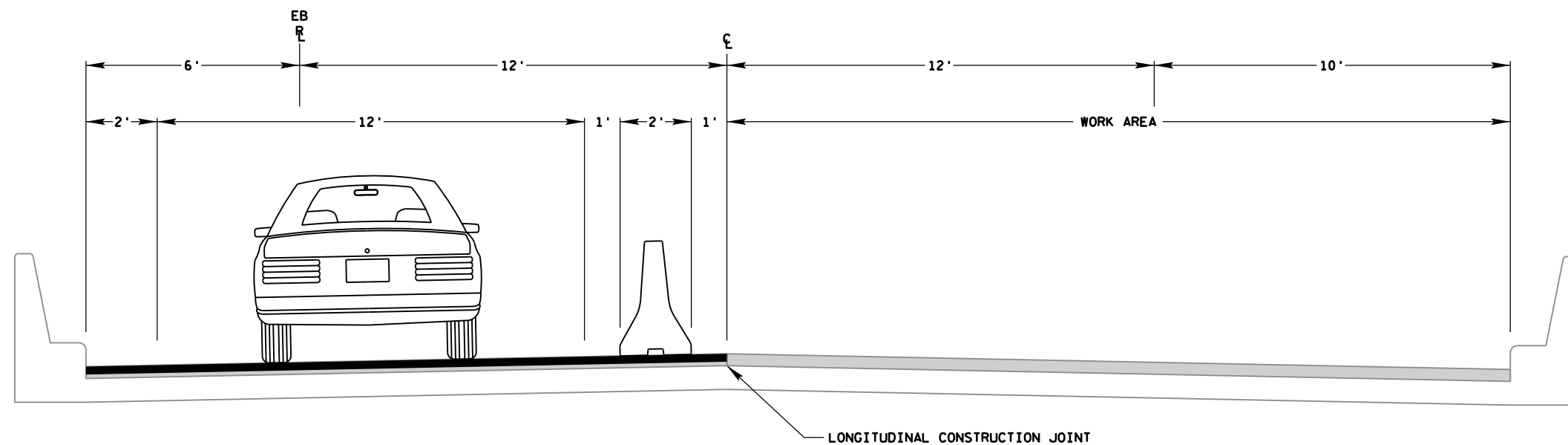
ADJACENT TO B-41-68
STATION 17+41B TO STATION 19+32B
STATION 21+23B TO STATION 21+44B



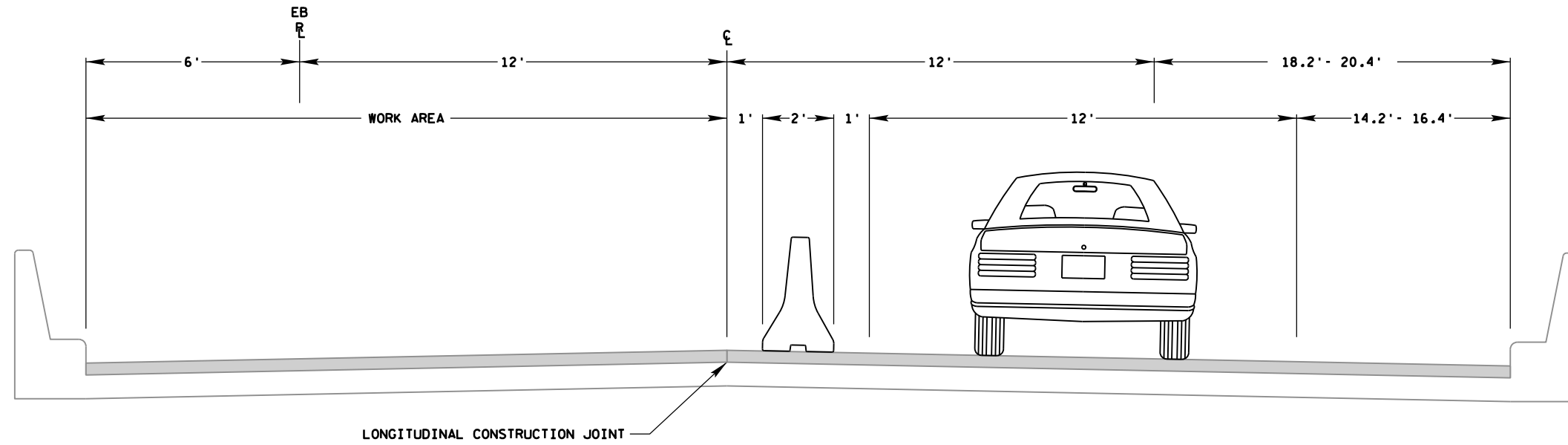
NOT TO SCALE



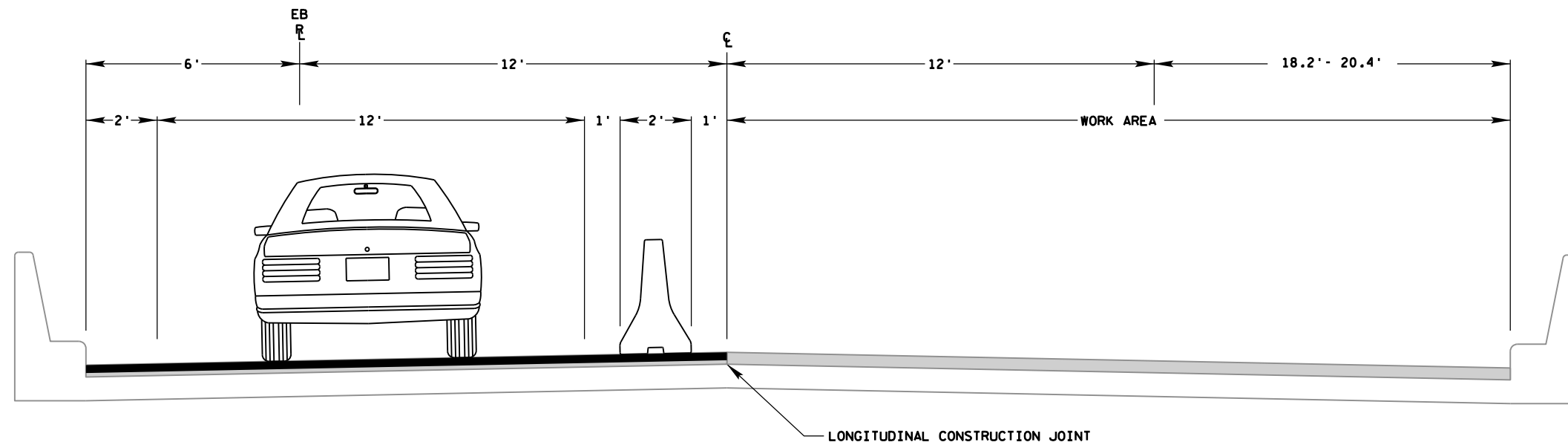
EB IH 94 STAGE 1
B-41-062, B-41-064 LOOKING SOUTH



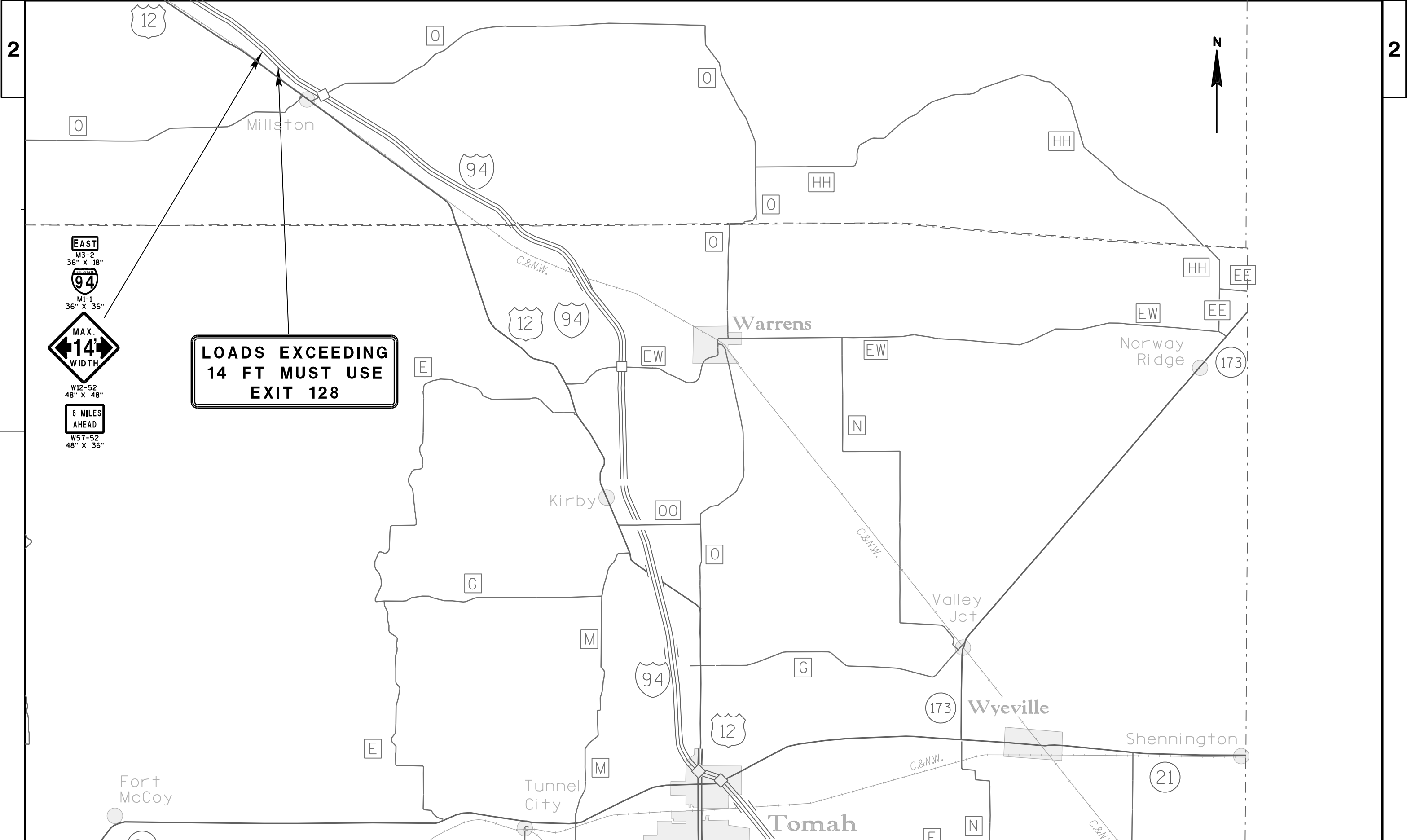
EB IH 94 STAGE 2
B-41-062, B-41-064 LOOKING SOUTH



EB IH 94 STAGE 1
B-41-066 LOOKING SOUTH



EB IH 94 STAGE 2
B-41-066 LOOKING SOUTH



PROJECT NO: 1023-06-72

HWY: IH 94

COUNTY: MONROE

TRAFFIC CONTROL

SHEET

E

FILE NAME : N:\PDS\c3d\10230602\SheetsPlan\025005_fc.dgn

PLOT DATE : 22-MAR-2018 14:53

PLOT BY : dotj3j

PLOT NAME :

PLOT SCALE : 8000.000000:1.000000

WISDOT/CADDs SHEET 42

GENERAL NOTES

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - MIRROR IT FOR CLOSING LEFT LANE.

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. "WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS APPROVED BY THE ENGINEER.

CONSIDER ROADWAY GEOMETRIC'S WHEN LOCATING SIGNS SO THE DRIVER HAS A CLEAR VIEW OF LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUM TAPER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS THE ADVANCE WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

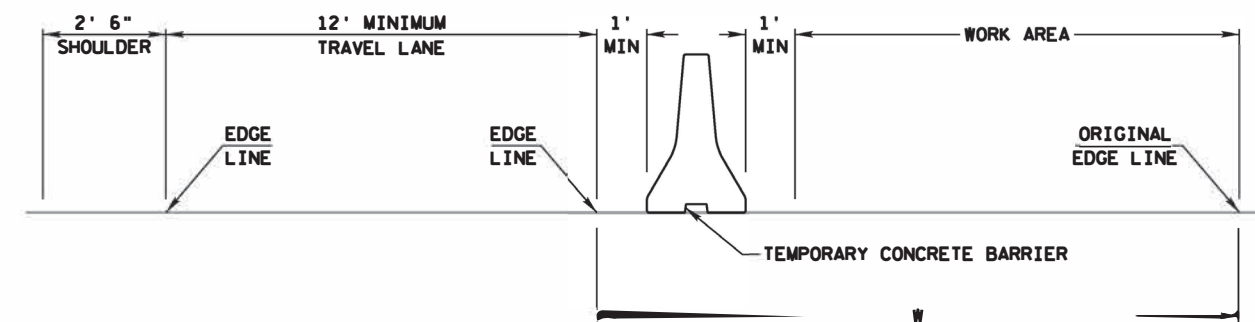
REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

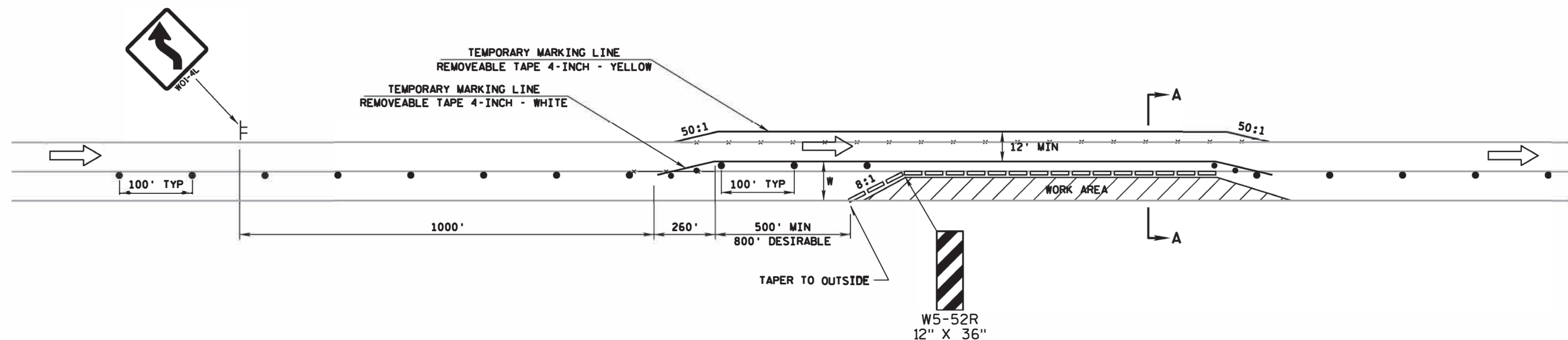
ADJUSTMENTS IN BUFFER SPACE NEEDS TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIST OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE BEFORE AND EXIT RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

LEGEND

-  SIGN ON TEMPORARY SUPPORT
-  TRAFFIC CONTROL DRUM
-  MARKING REMOVAL
-  CONCRETE BARRIER TEMPORARY PRECAST
-  DIRECTION OF TRAFFIC
-  WORK AREA

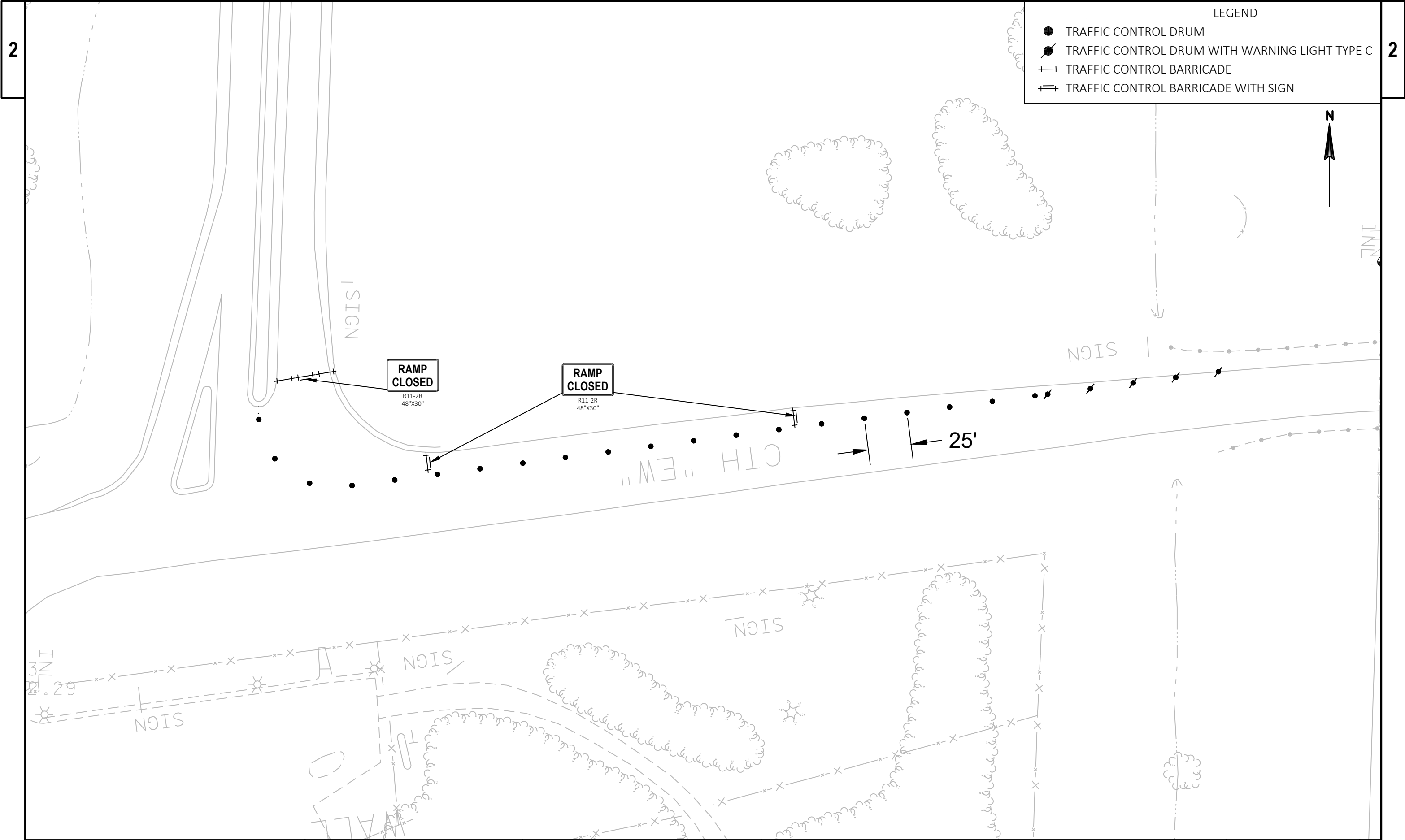


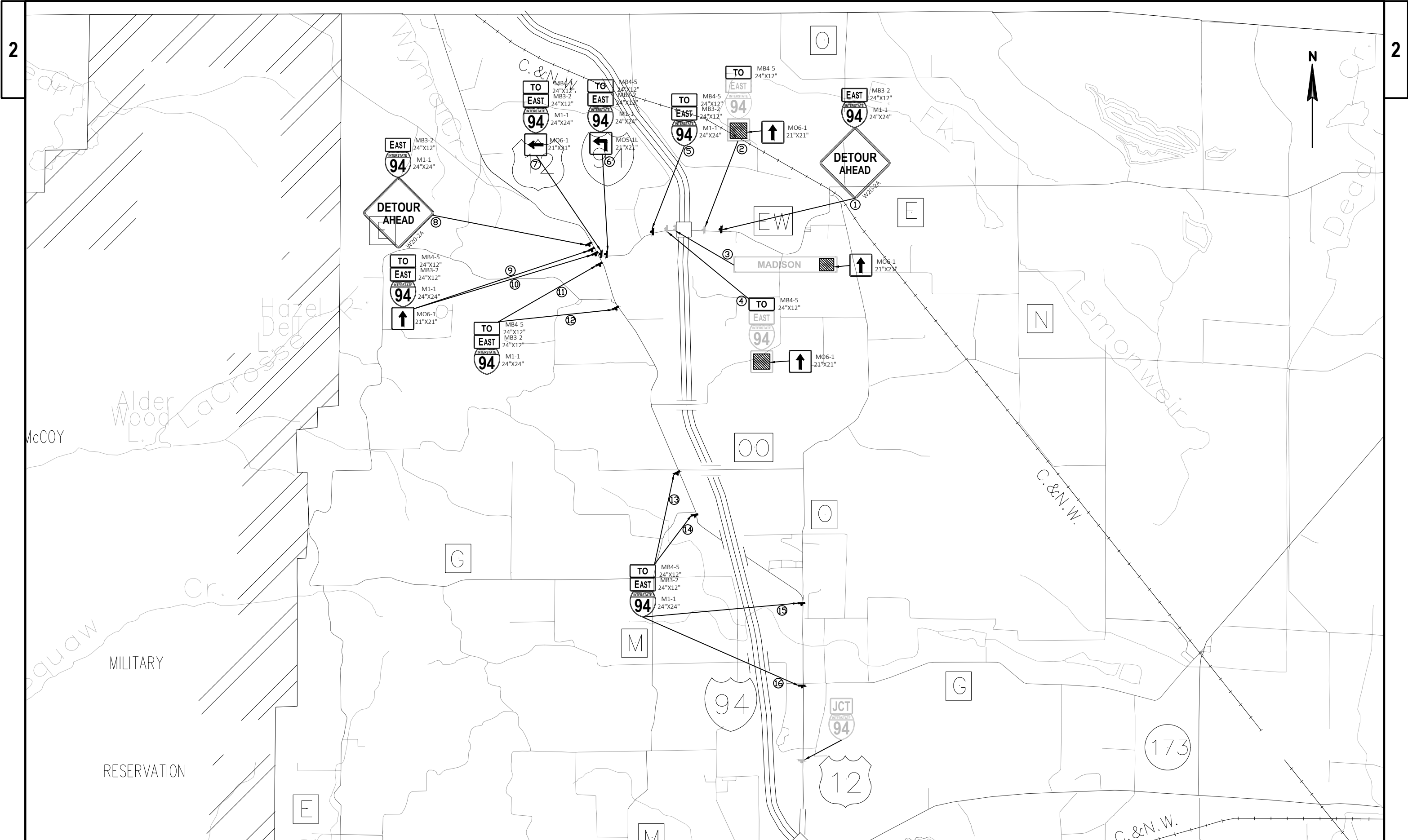
SECTION A-A

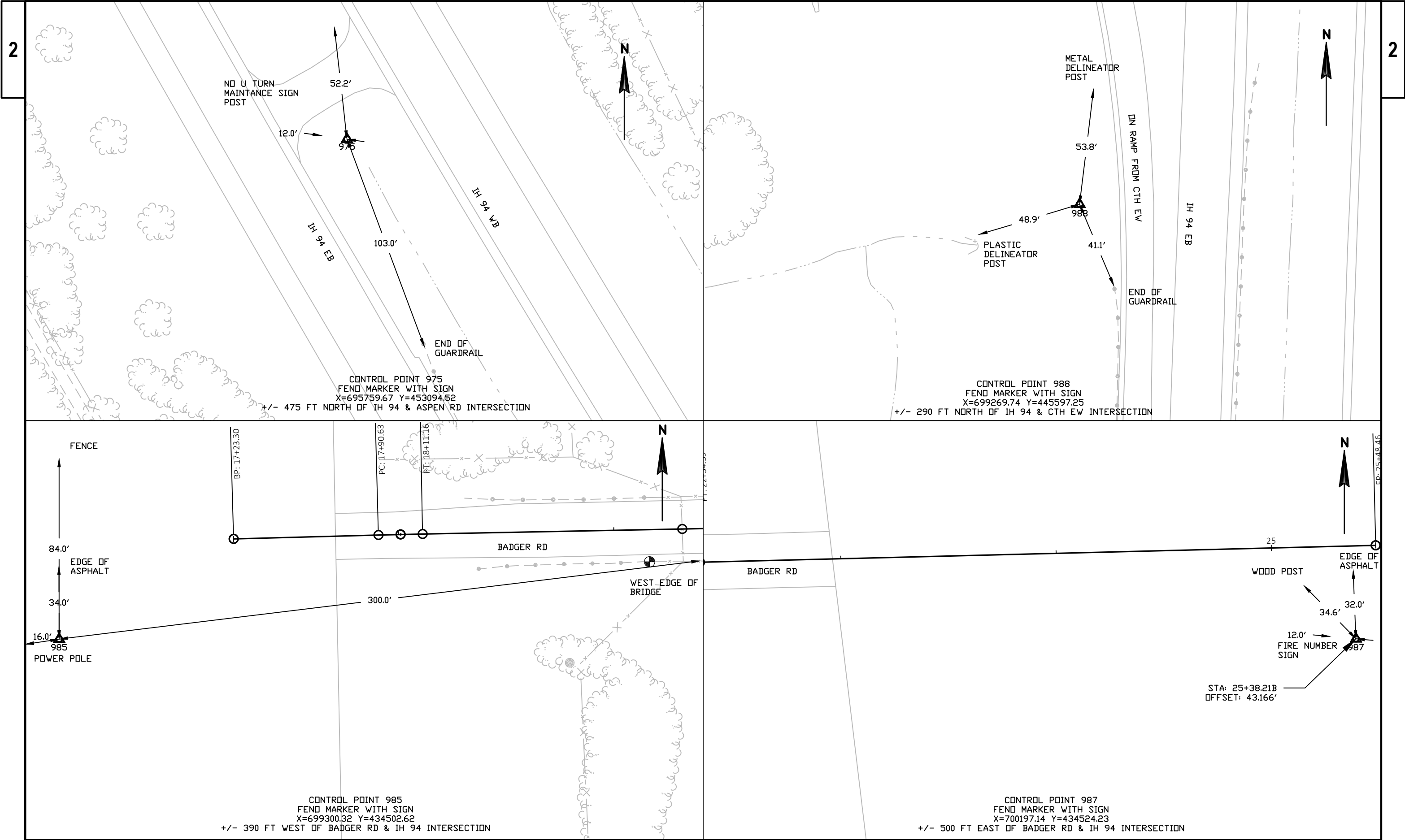


LANE SHIFT FOR BARRIER INSIDE LANE CLOSURE

B-41-64, B-41-66







PROJECT NO: 1023-06-72	HWY: IH 94	COUNTY: MONROE	ALIGNMENT TIES	SHEET	E
------------------------	------------	----------------	----------------	-------	---

Estimate Of Quantities

1023-06-72

Line	Item	Item Description	Unit	Total	Qty
0002	203.0210.S	Abatement of Asbestos Containing Material (structure) 01. B-41-0068	LS	1.000	1.000
0004	203.0225.S	Debris Containment (structure) 01. B-41-62	LS	1.000	1.000
0006	204.0100	Removing Pavement	SY	261.000	261.000
0008	204.0110	Removing Asphaltic Surface	SY	641.000	641.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,787.000	1,787.000
0012	204.0165	Removing Guardrail	LF	334.000	334.000
0014	204.0170	Removing Fence	LF	23.000	23.000
0016	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	8.000	8.000
0018	213.0100	Finishing Roadway (project) 01. 1023-06-72	EACH	1.000	1.000
0020	305.0110	Base Aggregate Dense 3/4-Inch	TON	3.000	3.000
0022	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	9.000	9.000
0024	305.0500	Shaping Shoulders	STA	4.000	4.000
0026	415.0090	Concrete Pavement 9-Inch	SY	19.000	19.000
0028	415.0120	Concrete Pavement 12-Inch	SY	38.000	38.000
0030	415.0410	Concrete Pavement Approach Slab	SY	161.000	161.000
0032	416.0610	Drilled Tie Bars	EACH	20.000	20.000
0034	416.0620	Drilled Dowel Bars	EACH	19.000	19.000
0036	416.1010	Concrete Surface Drains	CY	4.600	4.600
0038	455.0605	Tack Coat	GAL	44.700	44.700
0040	460.2000	Incentive Density HMA Pavement	DOL	130.000	130.000
0042	460.7224	HMA Pavement 4 HT 58-28 S	TON	207.000	207.000
0044	465.0105	Asphaltic Surface	TON	129.000	129.000
0046	465.0400	Asphaltic Shoulder Rumble Strips	LF	6,972.000	6,972.000
0048	502.0100	Concrete Masonry Bridges	CY	1.000	1.000
0050	502.3101	Expansion Device (structure) 01. B-41-68	LF	27.000	27.000
0052	502.3200	Protective Surface Treatment	SY	2,574.000	2,574.000
0054	502.3210	Pigmented Surface Sealer	SY	503.000	503.000
0056	502.4205	Adhesive Anchors No. 5 Bar	EACH	31.000	31.000
0058	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	960.000	960.000
0060	509.0301	Preparation Decks Type 1	SY	39.000	39.000
0062	509.0302	Preparation Decks Type 2	SY	23.000	23.000
0064	509.0310.S	Sawing Pavement Deck Preparation Areas	LF	1.000	1.000
0066	509.0500	Cleaning Decks	SY	1,929.000	1,929.000
0068	509.1000	Joint Repair	SY	14.000	14.000
0070	509.1200	Curb Repair	LF	10.000	10.000
0072	509.1500	Concrete Surface Repair Special	SF	166.000	166.000
0074	509.2000	Full-Depth Deck Repair	SY	3.000	3.000
0076	509.2100.S	Concrete Masonry Deck Repair	CY	3.000	3.000
0078	509.2500	Concrete Masonry Overlay Decks	CY	107.000	107.000

Estimate Of Quantities

1023-06-72

Line	Item	Item Description	Unit	Total	Qty
0080	509.9050.S	Cleaning Parapets	LF	1,401.000	1,401.000
0082	517.3000.S	Structure Overcoating Cleaning and Priming (structure) 01. B-41-68	LS	1.000	1.000
0084	517.4000.S	Containment and Collection of Waste Materials (structure) 01. B-41-68	LS	1.000	1.000
0086	517.6001.S	Portable Decontamination Facility	EACH	1.000	1.000
0088	520.8700	Cleaning Culvert Pipes	EACH	3.000	3.000
0090	603.8000	Concrete Barrier Temporary Precast Delivered	LF	1,137.500	1,137.500
0092	603.8125	Concrete Barrier Temporary Precast Installed	LF	2,275.000	2,275.000
0094	604.0400	Slope Paving Concrete	SY	9.000	9.000
0096	611.8115	Adjusting Inlet Covers	EACH	1.000	1.000
0098	611.9710	Salvaged Inlet Covers	EACH	1.000	1.000
0100	614.0200	Steel Thrie Beam Structure Approach	LF	82.400	82.400
0102	614.0305	Steel Plate Beam Guard Class A	LF	275.000	275.000
0104	614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH	4.000	4.000
0106	614.0920	Salvaged Rail	LF	264.000	264.000
0108	616.0100	Fence Woven Wire (height) 01. 4 FT	LF	23.000	23.000
0110	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1023-06-72	EACH	1.000	1.000
0112	619.1000	Mobilization	EACH	1.000	1.000
0114	624.0100	Water	MGAL	0.500	0.500
0116	628.7015	Inlet Protection Type C	EACH	2.000	2.000
0118	642.5201	Field Office Type C	EACH	1.000	1.000
0120	643.0300	Traffic Control Drums	DAY	10,248.000	10,248.000
0122	643.0420	Traffic Control Barricades Type III	DAY	976.000	976.000
0124	643.0705	Traffic Control Warning Lights Type A	DAY	1,952.000	1,952.000
0126	643.0715	Traffic Control Warning Lights Type C	DAY	1,450.000	1,450.000
0128	643.0800	Traffic Control Arrow Boards	DAY	132.000	132.000
0130	643.0900	Traffic Control Signs	DAY	2,962.000	2,962.000
0132	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	2.000
0134	643.1000	Traffic Control Signs Fixed Message	SF	40.000	40.000
0136	643.5000	Traffic Control	EACH	1.000	1.000
0138	646.1020	Marking Line Epoxy 4-Inch	LF	8,486.000	8,486.000
0140	646.3020	Marking Line Epoxy 8-Inch	LF	967.000	967.000
0142	646.9000	Marking Removal Line 4-Inch	LF	7,543.000	7,543.000
0144	646.9100	Marking Removal Line 8-Inch	LF	966.000	966.000
0146	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	18,097.000	18,097.000
0148	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	787.000	787.000
0150	650.9910	Construction Staking Supplemental Control (project) 01. 1023-06-72	LS	1.000	1.000
0152	690.0150	Sawing Asphalt	LF	66.000	66.000

Estimate Of Quantities

1023-06-72

Line	Item	Item Description	Unit	Total	Qty
0154	690.0250	Sawing Concrete	LF	150.000	150.000
0156	715.0415	Incentive Strength Concrete Pavement	DOL	500.000	500.000
0158	715.0502	Incentive Strength Concrete Structures	DOL	642.000	642.000
0160	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0162	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,200.000	1,200.000
0164	SPV.0060	Special 01. Embedded Galvanic Anodes	EACH	10.000	10.000
0166	SPV.0060	Special 02. Strapping B-41-62	EACH	6.000	6.000
0168	SPV.0090	Special 01. Filling Rumble Strips	LF	6,531.000	6,531.000
0170	SPV.0165	Special 01. Fiber Wrap Reinforcing Non-Structural	SF	79.000	79.000
0172	SPV.0180	Special 01. Seal Aggregate Shoulder	SY	93.600	93.600

REMOVING PAVEMENT SUMMARY

		204.0100		204.0110			
		REMOVING PAVEMENT		REMOVING ASPHALTIC SURFACE			
CAT.	STATION TO STATION	LOCATION	SY	SY	REMARKS		
0010	2450+45 - 2450+99	IH 94 EB LT LANE	61	33	STAGE 1		
0010	2452+70 - 2453+03	IH 94 EB LT LANE	49	3	STAGE 1		
0010	2450+45 - 2450+80	IH 94 EB RT LANE	65	6	STAGE 2		
0010	2452+47 - 2453+02	IH 94 EB RT LANE	68	43	STAGE 2		
0010	2463+19 - 2463+29	IH 94 EB LT LANE	6	-	STAGE 1		
0010	2462+95 - 2463+10	IH 94 EB RT LANE	12	-	STAGE 2		
0010	17+41B - 19+32B	CORTLAND AVE	-	495	STAGE 3		
0010	21+23B - 21+44B	CORTLAND AVE	-	61	STAGE 3		
TOTAL 0010			261	641			

REMOVING ASPHALTIC SURFACE BUTT JOINTS

		204.0115			
		REMOVING ASPHALTIC SURFACE BUTT JOINTS			
CAT.	STATION TO STATION	LOCATION	SY	REMARKS	
0010	2449+81 - 2450+45	IH 94 EB LT LANE	126	STAGE 1	
0010	2453+03 - 2453+65	IH 94 EB LT LANE	121	STAGE 1	
0010	2449+81 - 2450+45	IH 94 EB RT LANE	147	STAGE 2	
0010	2453+03 - 2453+65	IH 94 EB RT LANE	154	STAGE 2	
0010	2462+54 - 2463+25	IH 94 EB LT LANE	129	STAGE 1	
0010	2464+28 - 2464+89	IH 94 EB LT LANE	109	STAGE 1	
0010	2462+54 - 2463+18	IH 94 EB RT LANE	131	STAGE 2	
0010	2464+14 - 2464+89	IH 94 EB RT LANE	171	STAGE 2	
0010	2547+53 - 2548+16	IH 94 EB LT LANE	131	STAGE 1	
0010	2549+23 - 2549+87	IH 94 EB LT LANE	125	STAGE 1	
0010	2547+53 - 2548+18	IH 94 EB RT LANE	234	STAGE 2	
0010	2549+25 - 2549+87	IH 94 EB RT LANE	209	STAGE 2	
TOTAL 0010			1787		

GUARDRAIL SUMMARY

		204.0165		614.0200		614.0305		614.0370	
		REMOVING GUARDRAIL		STEEL THRIE BEAM STRUCTURE APPROACH		STEEL PLATE BEAM GUARD CLASS A		STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	
CAT.	STATION TO STATION	LOCATION	LF	LF	LF	EACH	REMARKS		
0010	17+46B - 19+17B	CORTLAND AVE RT	79	20.6	100.0	1	STAGE 3		
0010	18+09B - 19+17B	CORTLAND AVE LT	85	20.6	37.5	1	STAGE 3		
0010	21+40B - 22+48B	CORTLAND AVE RT	84	20.6	37.5	1	STAGE 3		
0010	21+40B - 23+10B	CORTLAND AVE LT	86	20.6	100.0	1	STAGE 3		
TOTAL 0010			334	82.4	275.0	4			

FENCE SUMMARY

		204.0170		616.0100	
		REMOVING FENCE		FENCE WOVEN WIRE (4 FT)	
CAT.	STATION TO STATION	LOCATION	LF	LF	REMARKS
0010	2449+96 - 2450+60	IH 94 RT	23	23	
TOTAL 0010			23	23	

ASPHALTIC SURFACE SUMMARY

				211.0400		465.0105	
				PREPARE			
				FOUNDATION			
				FOR			
				ASPHALTIC		ASPHALTIC	
				SHOULDERS		SURFACE	
CAT.	STATION TO	STATION	LOCATION	STA	TON	REMARKS	
0010	2450+45 -	2451+00	IH 94 EB LT	-	7.7	STAGE 1	
0010	2452+81 -	2453+03	IH 94 EB LT	-	3.0	STAGE 1	
0010	2450+35 -	2450+66	IH 94 EB RT	-	0.8	STAGE 2	
0010	2452+47 -	2453+03	IH 94 EB RT	-	9.6	STAGE 2	
0010	17+44B -	19+32B	CORTLAND AVE	6	97.6	STAGE 3	
0010	21+23 -	21+44	CORTLAND AVE	2	10.3	STAGE 3	
TOTAL 0010				8	129.0		

BASE AGGREGATE DENSE SUMMARY

				305.0110		305.0120		624.0100			
				BASE		BASE					
				AGGREGATE		AGGREGATE					
				DENSE 3/4-		DENSE 1 1/4-					
				INCH		INCH		WATER			
CAT.	STATION TO	STATION	LOCATION	TON	TON	MGAL	REMARKS				
0010	2450+88 -	2451+00	IH 94 EB LT	-	2	0.1	CHANGE OF PAVEMENT THICKNESS				
0010	2452+81 -	2453+00	IH 94 EB LT	-	5	0.1	CHANGE OF PAVEMENT THICKNESS				
0010	2452+47 -	2452+57	IH 94 EB RT	-	2	0.1	CHANGE OF PAVEMENT THICKNESS				
0010	17+41B -	19+32B	CORTLAND AVE	2	-	0.1					
0010	21+23 -	21+44	CORTLAND AVE	1	-	0.1					
TOTAL 0010				3	9	0.5					

SHAPING SHOULDERS

				305.0500	
				SHAPING	
				SHOULDERS	
CAT.	STATION TO	STATION	LOCATION	STA	REMARKS
0010	2450+44 -	2451+00	IH 94 EB LT	1	
0010	2452+81 -	2453+02	IH 94 EB LT	1	
0010	2450+35 -	2450+61	IH 94 EB RT	1	
0010	2452+47 -	2453+02	IH 94 EB RT	1	
TOTAL 0010				4	

CONCRETE PAVEMENT SUMMARY

				415.0090		415.0120		415.0410		416.0610		416.0620			
				CONCRETE		CONCRETE		CONCRETE		PAVEMENT		DRILLED			
				CONCRETE		CONCRETE		PAVEMENT		DRILLED		DRILLED			
				PAVEMENT		PAVEMENT		PAVEMENT		TIE		DOWEL			
				9-INCH		12-INCH		SLAB		BARS		BARS			
CAT.	STATION TO	STATION	LOCATION	SY	SY	SY	SY	SY	SY	REMARKS					
0010	2450+45 -	2450+92	IH 94 EB LT LANE	-	9	46	5	-		STAGE 1					
0010	2452+69 -	2453+03	IH 94 EB LT LANE	-	9	28	5	-		STAGE 1					
0010	2450+45 -	2450+80	IH 94 EB RT LANE	-	10	34	5	-		STAGE 2					
0010	2452+56 -	2453+03	IH 94 EB RT LANE	-											

CONCRETE SURFACE DRAINS

416.1010 CONCRETE SURFACE DRAINS				
CAT.	STATION TO	STATION	LOCATION	REMARKS
			CY	
0010	2450+38	- 2450+61	IH 94 EB RT	4.6
TOTAL 0010			4.6	

HMA PAVEMENT SUMMARY

455.0605 TACK COAT GAL				460.7224 HMA PAVEMENT 4 HT 58-28 S TON	
CAT.	STATION TO	STATION	LOCATION		REMARKS
0010	2450+25	- 2450+45	IH 94 EB LT LANE	3.1	15
0010	2453+03	- 2453+23	IH 94 EB LT LANE	3.0	14
0010	2450+25	- 2450+45	IH 94 EB RT LANE	3.7	17
0010	2453+03	- 2453+23	IH 94 EB RT LANE	3.9	18
0010	2462+90	- 2463+25	IH 94 EB LT LANE	3.2	15
0010	2464+28	- 2464+55	IH 94 EB LT LANE	2.7	13
0010	2462+90	- 2463+18	IH 94 EB RT LANE	3.3	15
0010	2464+14	- 2464+55	IH 94 EB RT LANE	4.3	20
0010	2547+95	- 2548+16	IH 94 EB LT LANE	3.3	15
0010	2549+23	- 2549+47	IH 94 EB LT LANE	3.1	14
0010	2547+95	- 2548+18	IH 94 EB RT LANE	5.8	27
0010	2549+25	- 2549+47	IH 94 EB RT LANE	5.2	24
TOTAL 0010				44.7	207

RUMBLE STRIP SUMMARY

465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF					SPV.0090.01 FILLING RUMBLE STRIPS LF	
CAT.	STATION TO	STATION	LOCATION			REMARKS
STAGE 1						
0010	2439+27	- 2450+47	IH 94 EB RT	1120	1120	
0010	2452+57	- 2462+94	IH 94 EB RT	1037	1037	
0010	2464+21	- 2466+68	IH 94 EB RT	247	247	
0010	2536+86	- 2544+75	IH 94 EB RT	789	789	
STAGE 2						
0010	2439+27	- 2450+92	IH 94 EB LT	1165	1055	
0010	2452+88	- 2463+19	IH 94 EB LT	1031	882	
0010	2464+40	- 2466+68	IH 94 EB LT	228	171	
0010	2536+86	- 2548+14	IH 94 EB LT	1128	1067	
0010	2549+24	- 2551+51	IH 94 EB LT	227	163	
TOTAL 0010				6972	6531	

CLEANING CULVERT PIPES

520.8700 CLEANING CULVERT PIPES EACH			REMARKS
CAT.	STATION	LOCATION	
0010	2548+01	IH 94 RT	1
0010	21+51B	CORTLAND AVE RT	1
0010	21+51B	CORTLAND AVE LT	1
TOTAL 0010			3

CONCRETE BARRIER SUMMARY

				603.8000	603.8125	REMARKS
				CONCRETE	CONCRETE	
				BARRIER	BARRIER	
				TEMPORARY	TEMPORARY	
				PRECAST	PRECAST	
CAT.	STATION TO	STATION	LOCATION	LF	LF	
0010	2448+85	- 2453+65	IH 94 EB	462.5	925.0	
0010	2461+40	- 2464+89	IH 94 EB	350.0	700.0	
0010	2546+50	- 2549+87	IH 94 EB	325.0	650.0	
TOTAL 0010				1137.5	2275	

INLET COVERS SUMMARY

				611.8115	611.9710	REMARKS
				ADJUSTING	SALVAGED	
				INLET	INLET	
				COVERS	COVERS	
CAT.	STATION	LOCATION		EACH	EACH	
0010	2450+47	IH 94 EB RT		1	1	
TOTAL 0010				1	1	

SALVAGED RAIL

						614.0920	REMARKS
						SALVAGED	
						RAIL	
						LF	
CAT.	STATION TO	STATION	LOCATION				
0010	2450+11	- 2450+50	IH 94 EB RT			39.5	STAGE 2
0010	2452+54	- 2453+24	IH 94 EB RT			70.5	STAGE 2
0010	2450+15	- 2450+92	IH 94 EB LT			77.0	STAGE 1
0010	2462+82	- 2462+94	IH 94 EB RT			12.5	STAGE 2
0010	2462+79	- 2463+18	IH 94 EB LT			39.5	STAGE 1
0010	2547+96	- 2548+08	IH 94 EB RT			12.5	STAGE 2
0010	2547+95	- 2548+07	IH 94 EB LT			12.5	STAGE 1
TOTAL 0010						264.0	

INLET PROTECTION TYPE C

				628.7015	REMARKS
				INLET	
				PROTECTION	
				TYPE C	
CAT.	STATION	LOCATION		EACH	
0010	2450+47	IH 94 EB RT		1	
0010	2548+02	IH 94 EB RT		1	
TOTAL 0010				2	

TRAFFIC CONTROL SUMMARY

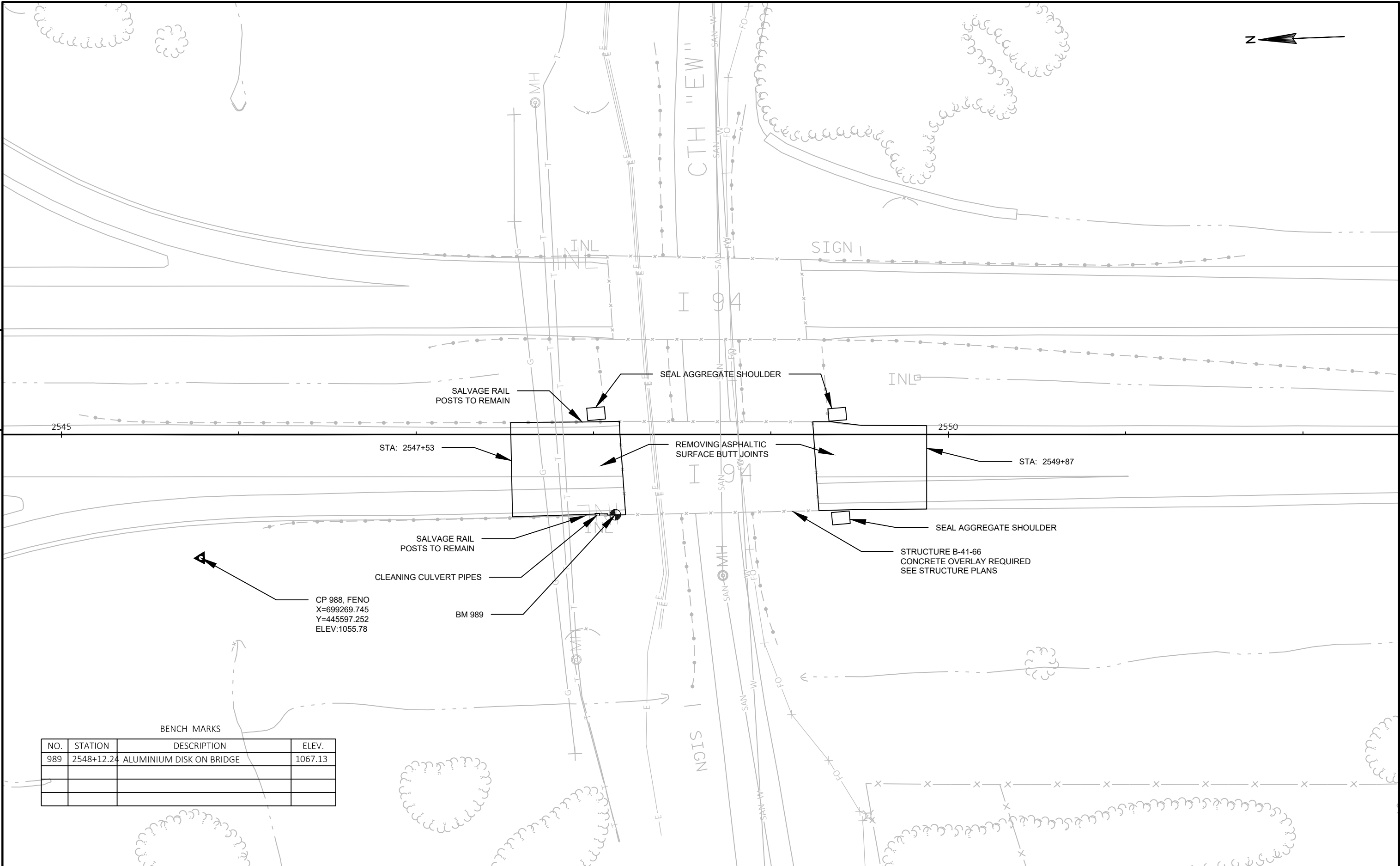
						643.0300	643.0420			643.0705			643.0715			643.0800	643.0900	643.0920	643.1000	REMARKS
						TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	TRAFFIC	
						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
						DRUMS	DRUMS	BARRICADES	BARRICADES	WARNING	WARNING	WARNING	WARNING	ARROW	ARROW	SIGNS	SIGNS	COVERING	SIGNS FIXED	
CAT.	STATION TO	STATION	LOCATION	DAYS		EACH	DAY	TYPE III	TYPE III	LIGHTS	TYPE A	LIGHTS	TYPE C	LIGHTS	TYPE C	BOARDS	BOARDS	SIGNS	SIGNS	
0010	2425+62	- 2549+70	IH 94 EB RT LANE	3		168	504	9	27	18	54	19	57	2	6	19	57	1*	20	SINGLE LANE CLOSURE SET UP
0010	2425+62	- 2549+70	IH 94 EB LT LANE	25		143	3575	8	200	16	400	21	525	2	50	23	575	-	-	SINGLE LANE CLOSURE STAGE 1
0010	2425+62	- 2549+70	IH 94 EB RT LANE	25		167	4175	9	225	18	450	29	725	2	50	24	600	1*	20	SINGLE LANE CLOSURE STAGE 2
0010	2425+62	- 2549+70	IH 94 EB LT LANE	3		144	432	8	24	16	48	11	33	2	6	18	54	-	-	SINGLE LANE CLOSURE FINISH
0010	17+44B	- 23+14B	CORTLAND AVE	20		-	-	18	360	36	720	-	-	-	-	12	240	-	-	ROAD CLOSURE
0010	2632+37	- 2661+27	IH 94 EB RT LANE	3		34	102	1	3											

TRAFFIC CONTROL DETOUR SIGNS

SIGN		LOCATION	SIGN	SIGN SIZE IN	SIGN DESCRIPTION	TRAFFIC CONTROL SIGNS		MOUNTED ON SAME POST AS SIGN	REMARKS
CAT. NUMBER			CODE	INCHES		EACH	NUMBER		
IH 94 ON RAMP FROM CTH EW CLOSED									
0010	1	CTH EW 1000' EAST OF IH 94 ON RAMP, RIGHT	MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	-		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	1		
0010			W20-2A	48 X 48	DETOUR AHEAD	1	1		
0010	2	CTH EW 850' EAST OF IH 94 ON RAMP, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	-	2		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	-	2		
0010			MB5-1R	21 X 21	(BLUE) RIGHT TURN ARROW	-	2	COVER WITH MO6-1	
0010			MO6-1	21 X 21	(ORANGE) AHEAD ARROW	1	2	COVER RIGHT TURN ARROW	
0010	3	CTH EW 400' EAST OF IH 94 ON RAMP, RIGHT	-	-	MADISON, RIGHT ARROW	-	-	COVER RIGHT ARROW WITH MO6-1	
0010			MO6-1	21 X 21	(ORANGE) AHEAD ARROW	1	3	COVER RIGHT ARROW	
0010	4	CTH EW AT IH 94 ON RAMP, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	-	4		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	-	4		
0010			MB6-1	21 X 21	(BLUE) RIGHT ARROW	-	4	COVER WITH MO6-1	
0010			MO6-1	21 X 21	(ORANGE) AHEAD ARROW	1	4	COVER RIGHT ARROW	
0010	5	CTH EW 100' WEST OF IH 94 ON RAMP, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	5		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	5		
0010	6	CTH EW 500' EAST OF USH 12, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	6		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	6		
0010			MO5-1L	21 X 21	(ORANGE) LEFT TURN ARROW	1	6		
0010	7	CTH EW AT USH 12, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	7		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	7		
0010			MO6-1	21 X 21	(ORANGE) LEFT ARROW	1	7		
0010	8	USH 12 EAST BOUND 1000' NORTH OF CTH EW, RIGHT	MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	-		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	8		
0010			W20-2A	48 X 48	DETOUR AHEAD	1	8		
SUBTOTAL						22			

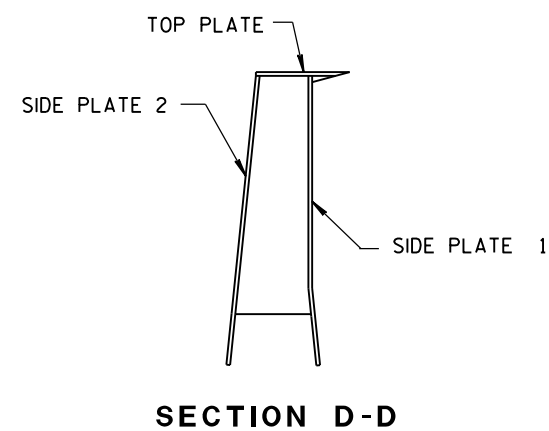
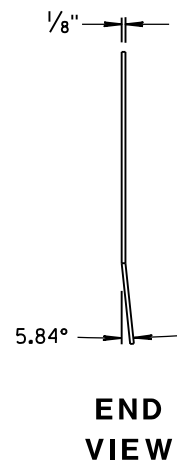
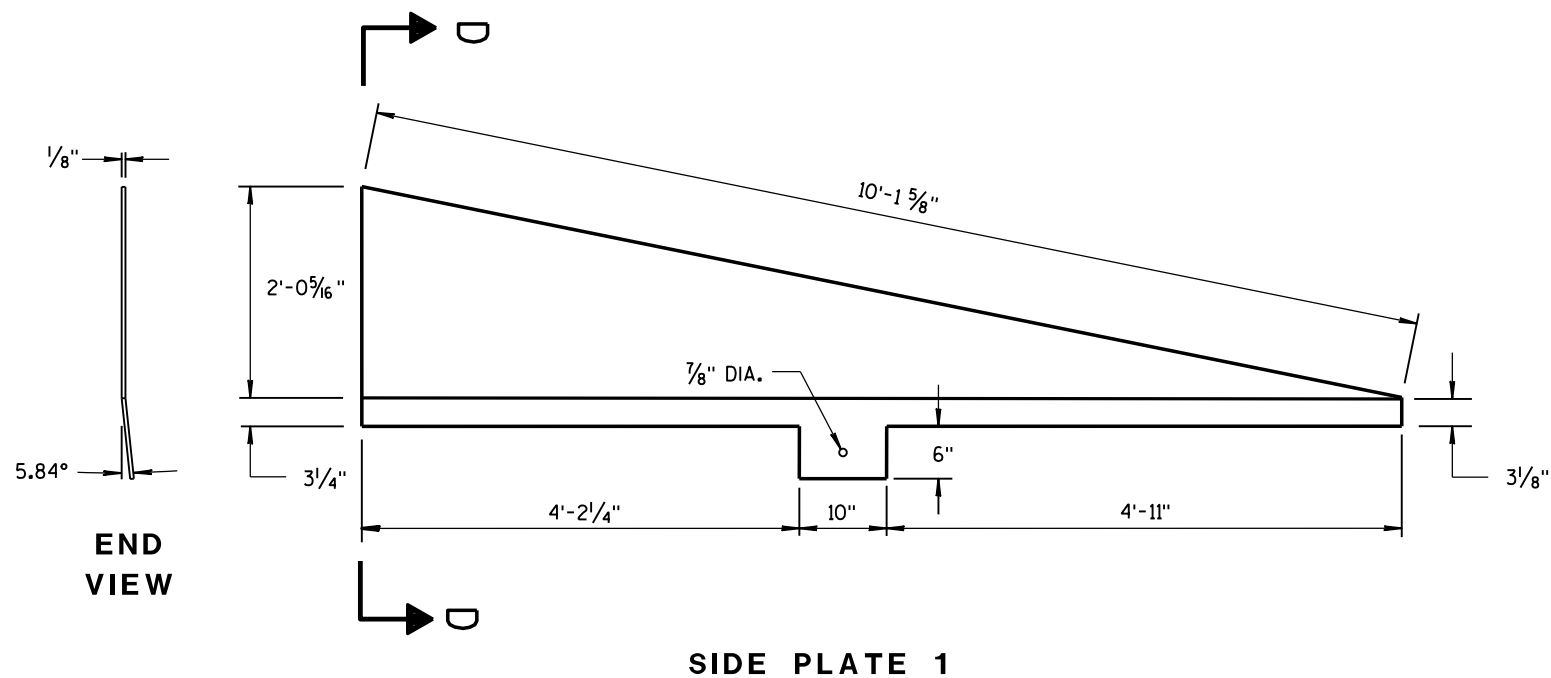
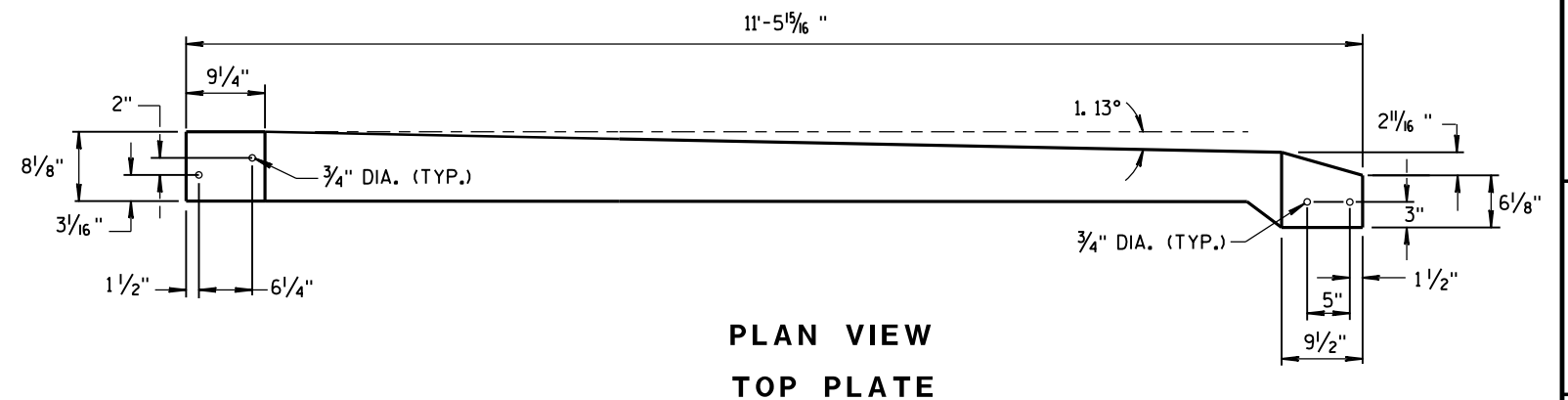
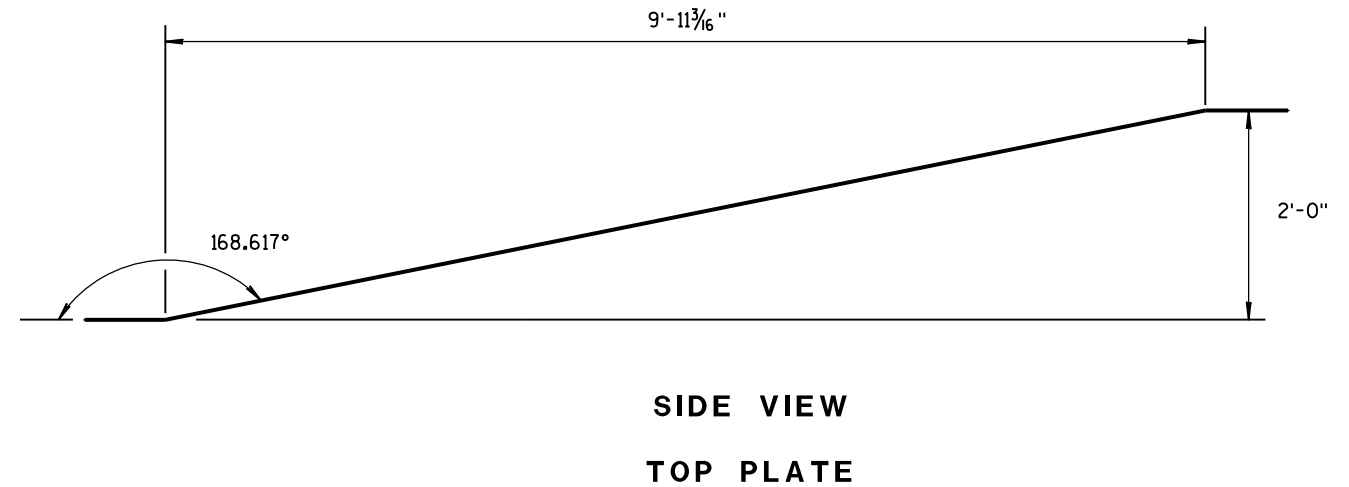
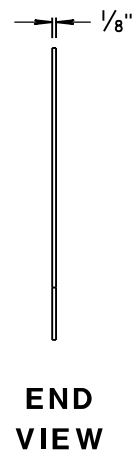
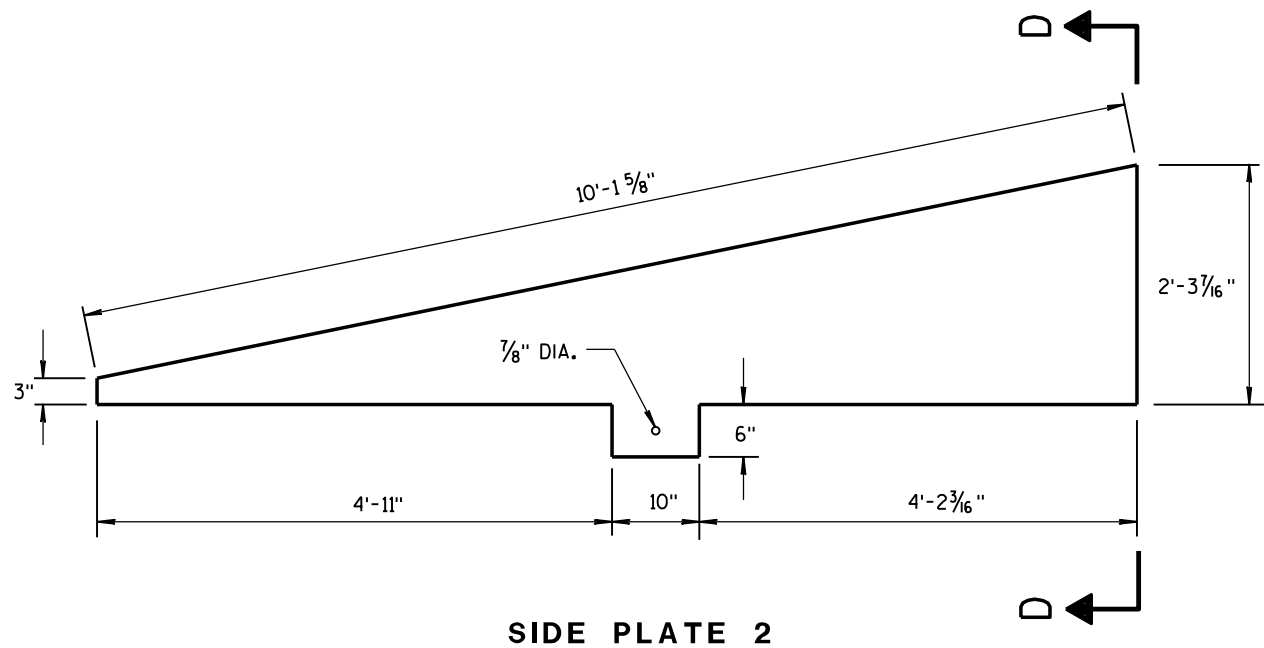
TRAFFIC CONTROL DETOUR SIGNS CONTINUED

SIGN		LOCATION	SIGN	SIGN SIZE IN	SIGN DESCRIPTION	TRAFFIC CONTROL SIGNS		MOUNTED ON SAME POST AS SIGN	REMARKS
CAT. NUMBER			CODE	INCHES		EACH	NUMBER		
0010	9	USH 12 EAST BOUND 500' NORTH OF CTH EW, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	9		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	9		
0010			MO6-1	21 X 21	(ORANGE) AHEAD ARROW	1	9		
0010	10	USH 12 EAST BOUND AT CTH EW , RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	10		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	10		
0010			MO6-1	21 X 21	(ORANGE) AHEAD ARROW	1	10		
0010	11	USH 12 EAST BOUND 100' SOUTH OF CTH EW, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	11		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	11		
0010	12	USH 12 EAST BOUND 100' SOUTH OF CTH E, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	12		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	12		
0010	13	USH 12 EAST BOUND 100' SOUTH OF CTH OO, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	13		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	13		
0010	14	USH 12 EAST BOUND 100' SOUTH OF CTH M, RIGHT	MB4-5	24 X 12	TO	1	-		
0010			MB3-2	24 X 12	(BLUE) EAST CARDINAL MARKER	1	14		
0010			M1-1	24 X 24	INTERSTATE ROUTE MARKER, 94	1	14		
0010	1								



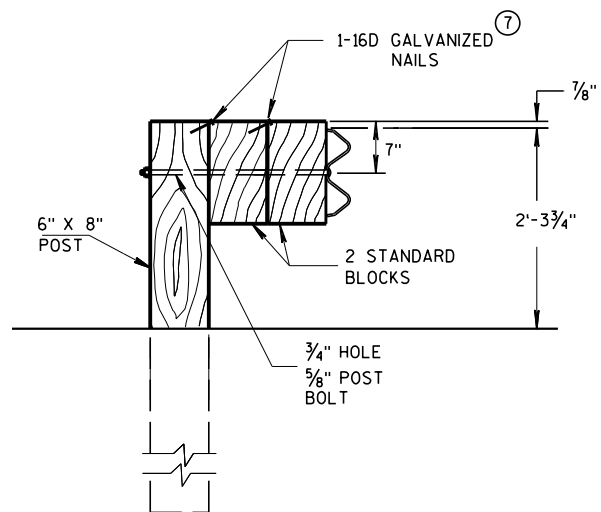
Standard Detail Drawing List

08D03-07	CONCRETE SURFACE DRAINS DROP INLET TYPE AT STRUCTURES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
14B07-15A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B15-11A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-11B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-11C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B20-11A	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-11B	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END PARAPETS
14B20-11C	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED PARAPETS
14B20-11D	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END PARAPETS
14B20-11E	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"
14B20-11F	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPE "M"
14B20-11G	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL
14B20-11H	STEEL THRIE BEAM STRUCTURE APPROACH, SINGLE SLOPE ATTACHMENT
14B24-09A	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09B	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09C	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
15B01-08A	FENCE WOVEN WIRE
15B01-08B	FENCE WOVEN WIRE
15C02-07A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-07B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-03C	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15D03-05	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER
15D12-07A	TRAFFIC CONTROL, LANE CLOSURE
15D12-07B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D15-05A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-05B	TRAFFIC CONTROL, ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-05C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-05D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-05E	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D16-04	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS



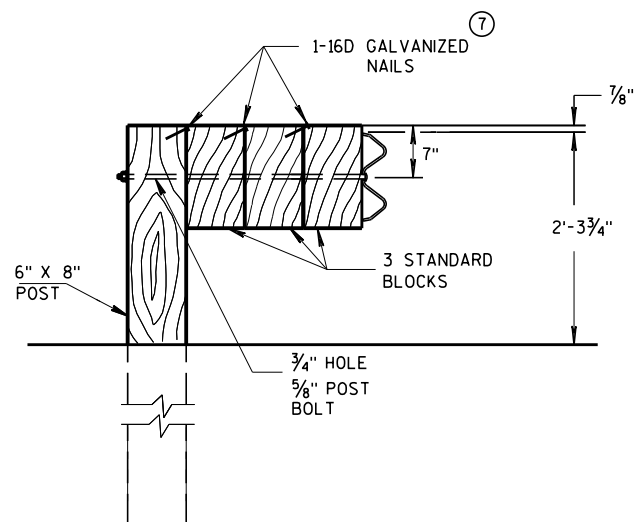
**CAP DETAILS FOR TEMPORARY CONCRETE
BARRIER TO 56" PERMANENT CONCRETE BARRIER**

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Rodney Taylor ROADWAY STANDARD DEVELOPMENT UNIT SUPERVISOR
FHWA	



DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS
WITHIN A BARRIER RUN IS UNLIMITED

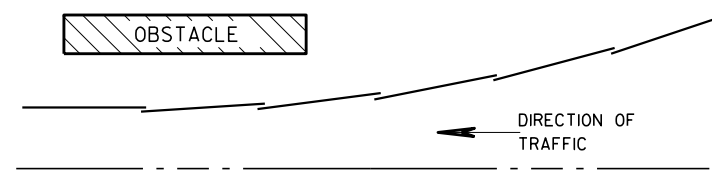


DETAIL FOR TRIPLE BLOCKS

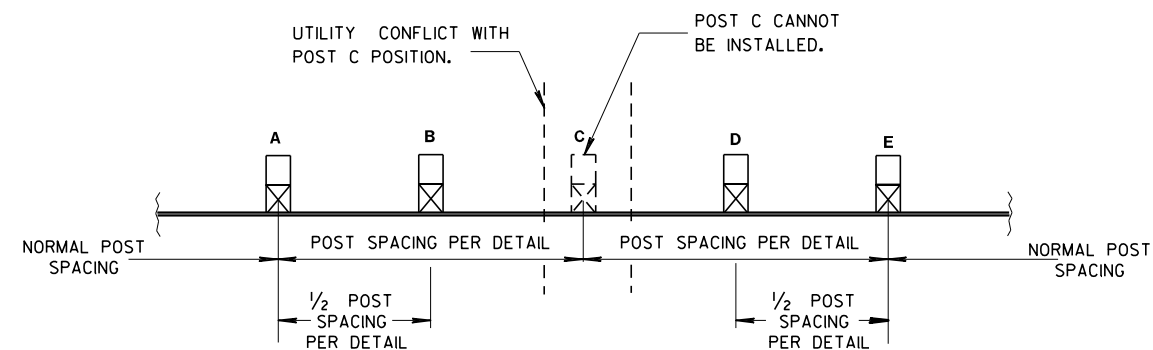
TRIPLE BLOCK DETAIL IS LIMITED TO ONE
LOCATION WITHIN A BEAM GUARD RUN.

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES
PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND
SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION
DISTANCE OF THE BARRIER.



PLAN VIEW BEAM LAPPING DETAIL

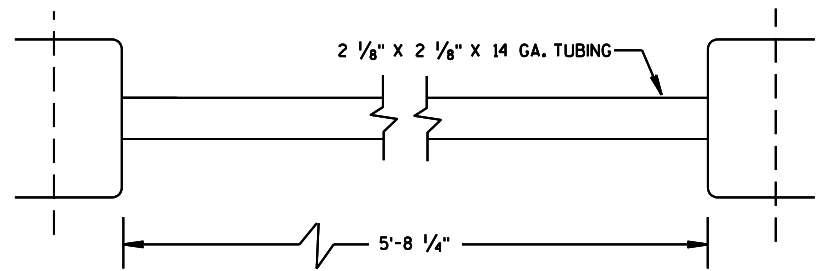


POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

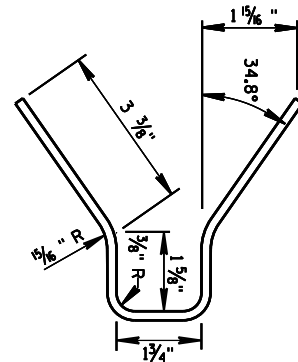
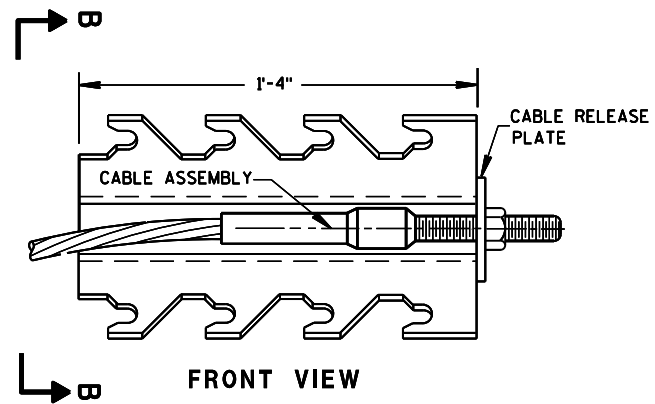
STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

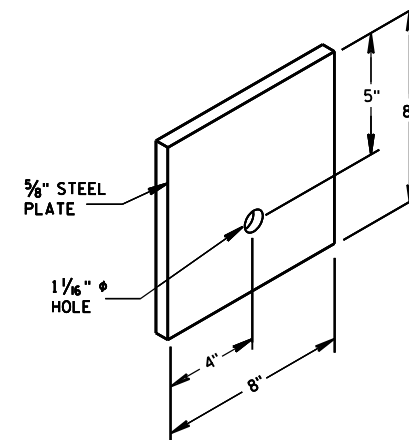
APPROVED	/S/ Rodney Taylor
June 2017	DATE
	ROADWAY STANDARDS DEVELOPMENT
	UNIT SUPERVISOR
FHWA	



⑩ STRUT DETAIL



⑨ CABLE ANCHOR BOX



⑦ STEEL BEARING PLATE

