

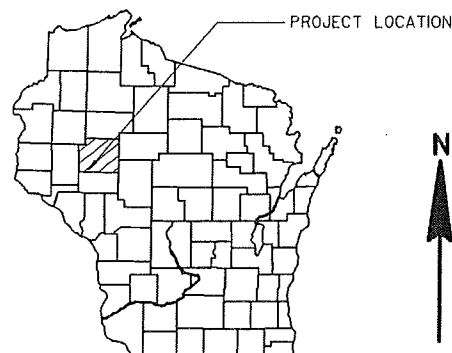
PROJECT ID: 1190-03-62
WITH:

COUNTY: CHIPPEWA

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	USH 53	STH 29
A.A.D.T. 2016	= 19300	24700
A.A.D.T. 2036	= 24200	32100
D.H.V.	= 10.9%	10.5%
D.O.	= 58/41	58/42
T.	= 9.1%	5.3%
DESIGN SPEED	= 70 MPH	70 MPH
ESALS	=	

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
PROPERTY LINE	---
LOT LINE	---
LIMITED HIGHWAY EASEMENT	---
EXISTING RIGHT OF WAY	---
PROPOSED OR NEW R/W LINE	---
SLOPE INTERCEPT	---
REFERENCE LINE	---
EXISTING CULVERT	---
PROPOSED CULVERT (Box or Pipe)	---
COMBUSTIBLE FLUIDS	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	---
CULVERT (Profile View)	---
UTILITIES	
ELECTRIC	---
FIBER OPTIC	---
GAS	---
SANITARY SEWER	---
STORM SEWER	---
TELEPHONE	---
WATER	---
UTILITY PEDESTAL	---
POWER POLE	---
TELEPHONE POLE	---

ROCK	---
LABEL	---
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---	---
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---	---
---	---
---	---
---	---
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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

EAU CLAIRE - CHIPPEWA FALLS

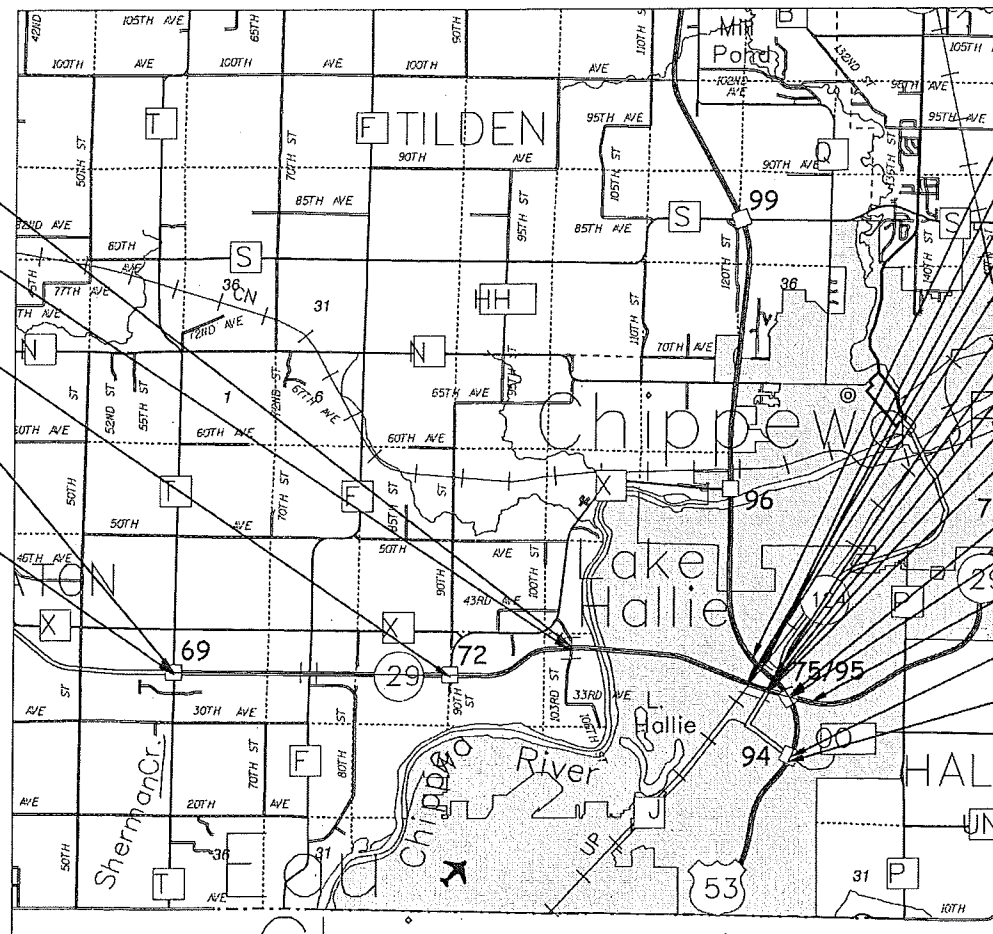
STH 29 INTERCHANGE

USH 53

CHIPPEWA COUNTY

STATE PROJECT NUMBER

1190-03-62



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 1.449 MI

STATE PROJECT

1190-03-62

FEDERAL PROJECT

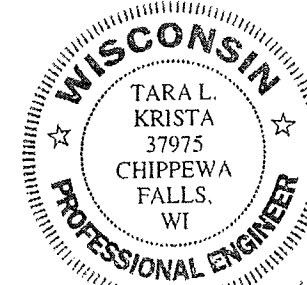
PROJECT

CONTRACT

END PROJECT

STA 2624+50 "USH 53 NB"
STRUCTURE B-09-0229
STA 2615+25 "USH 53 NB"
STRUCTURE B-09-0228
STA 2615+50 "USH 53 NB"
STRUCTURE B-09-0213
STA 1604+00 "STH 29 WB"
STRUCTURE B-09-0214
STA 603+75 "STH 29 EB"
STRUCTURE B-09-0247
STA 2607+50 "USH 53 NB"
STRUCTURE B-09-0246
STA 2502+25 "USH 53 SB"
STRUCTURE B-09-0215
STA 1613+25 "STH 29 WB"
STRUCTURE B-09-0216
STA 613+00 "STH 29 EB"
STRUCTURE B-09-0245
STA 3354+80 "STH 29 EB
TO USH 53 SB RAMP"
STRUCTURE B-09-0217
STA 1624+25 "STH 29 WB"
STRUCTURE B-09-0218
STA 625+00 "STH 29 EB"
END CONSTRUCTION
STA 1644+00 "STH 29 WB"
STRUCTURE B-09-0227
STA 3447+00 "CTH 00 EB"
BEGIN PROJECT
STA 2548+00 "USH 53 NB"

ORIGINAL PLANS PREPARED BY



1-28-16 Tara L. Kriska
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
Project Manager	TARA WEISS
Regional Examiner	CHRISTINE KOSKI
Regional Supervisor	TIM MASON

APPROVED FOR THE DEPARTMENT

DATE: 2/1/16 (Signature)

E

STANDARD ABBREVIATIONS:

ABUT	ABUTMENT	CWT	HUNDREDWEIGHT
AC	ACRE	HYD	HYDRANT
AGG	AGGREGATE	ID	INSIDE DIAMETER
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE	INV	INVERT
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL	IP	IRON PIPE OR PIN
ASPH	ASPHALTIC	LHF	LEFT-HAND FORWARD
AVG	AVERAGE	L	LENGTH OF CURVE
ADT	AVERAGE DAILY TRAFFIC	LF	LINEAR FOOT
BF	BACK FACE	LC	LONG CHORD OF CURVE
BM	BENCH MARK	LS	LUMP SUM
BR	BRIDGE	MH	MANHOLE
CE	COMMERCIAL ENTRANCE	MOR	MID POINT OF RADIUS
CL OR C/L OR Ǝ	CENTER LINE	MCE	MARKERS CULVERT END
Δ	CENTRAL ANGLE OR DELTA	NC	NORMAL CROWN
CONC	CONCRETE	NO	NUMBER
CPRC	CULVERT PIPE REINFORCED CONCRETE	OBLIT	OBLITERATE
CPCS	CULVERT PIPE CORRUGATED STEEL	PAVT	PAVEMENT
CR	CREEK	PE	PRIVATE ENTRANCE
CY	CUBIC YARD	PVRC	POINT OF VERTICAL REVERSE CURVE
C & G	CURB AND GUTTER	QOR	QUARTER POINT OF RADIUS
D	DEGREE OF CURVE	R	RADIUS
DHV	DESIGN HOUR VOLUME	REQ'D	REQUIRED
DISCH	DISCHARGE	RES	RESIDENCE OR RESIDENTIAL
DWY	DITCH GRADE	RHF	RIGHT-HAND FORWARD
X	DRIVEWAY	R/W	RIGHT-OF-WAY
EAT	EAST GRID COORDINATE	R	RIVER
EO	STEEL PLATE BEAM GUARD	RDWY	ROADWAY
EL	ENERGY ABSORBING TERMINAL	R/L OR Ǝ	REFERENCE LINE
ENT	END POINT OF RADIUS	SALV	SALVAGED
ESALS	ELEVATION	SAN	SANITARY SEWER
EXC	ENTRANCE	SF	SQUARE FEET
EBS	EQUIVALENT SINGLE AXLE LOADS	SY	SQUARE YARD
EXIST	EXCAVATION	SDD	STANDARD DETAIL DRAWINGS
FC	EXCAVATION BELOW SUBGRADE	STA	STATION
FF	EXISTING	SS	STORM SEWER
FERT	FACE OF CURB	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
FE	FACE TO FACE	SE	SUPERELEVATION RATE
FL	FERTILIZE	TC	TOP OF CURB
FO	FIELD ENTRANCE	T OR TN	TOWN
	FLOW LINE	T	TRUCKS (PERCENT OF)
	FIBER OPTIC	TYP	TYPICAL
		VAR	VARIABLE
		VC	VERTICAL CURVE
		Y	NORTH GRID COORDINATE
		YD	YARD

GENERAL NOTES:

IT IS THE CONTRACTORS RESPONSIBILITY TO CALL DIGGERS HOTLINE PRIOR TO BEGINNING WORK OPERATIONS AND TO CONFIRM ALL UTILITY LOCATIONS.

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

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL TO BE 4-INCH SALVAGED TOPSOILED, FERTILIZED, SEEDED AND MULCHED.

4-INCH HMA PAVEMENT SHALL BE CONSTRUCTED WITH A 2-INCH 4 LT 58-34 S UPPER LAYER AND A 2-INCH 4 LT 58-28 S LOWER LAYER.

PROPOSED SIGNS SHOWN ON THE PLAN ARE APPROXIMATE, ACTUAL LOCATIONS OF SIGNS ARE TO BE COORDINATED IN THE FIELD WITH THE ENGINEER.

CURVE DATA IS BASED ON THE ARC DEFINITION.

THE EXACT LOCATIONS AND QUANTITIES OF CONCRETE PAVEMENT REPAIR SHES, CONCRETE PAVEMENT REPLACEMENT SHES, CURB REPAIR, CONCRETE MASONRY OVERLAY APPROACHES, AND CONCRETE SIDEWALK 4-INCH SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

UTILITY CONTACTS

AT&T - COMMUNICATION
304 SOUTH DEWEY STREET
EAU CLAIRE WI 54701
TELEPHONE: 715-839-5565
CELL: 715-410-0656
ATTENTION: RICK PODOLAK
EMAIL: RP4514@ATT.COM

CHIPPewa VALLEY INTERNETWORKING CONSORTIUM (CINC) - COMMUNICATION
105 GARFIELD AVENUE
EAU CLAIRE, WI 54701
TELEPHONE: 715-836-5286
ATTENTION: DAREN BAUER
EMAIL: BAUERDP@UWEC.EDU

DAIRYLAND POWER COOPERATIVE - DISTRIBUTION
3200 EAST AVENUE SOUTH
PO BOX 817
LA CROSSE, WI 54602
TELEPHONE: 608-788-4000
ATTENTION: KURT CHILDS
EMAIL: KDC@DAIRYNET.COM

DUNN ENERGY COOPERATIVE - DISTRIBUTION
N5725 600TH STREET
PO BOX 220
MENOMONIE, WI 54751
TELEPHONE: 715-232-6240
ATTENTION: MIKE ANDRASCHKO
EMAIL: MANDRA@DUNNENERGY.COOPERATIVE

EAU CLAIRE ENERGY COOPERATIVE - DISTRIBUTION
8214 HIGHWAY 12
PO BOX 368
FALL CREEK, WI 54742
TELEPHONE: 715-836-6473
ATTENTION: RANDY BAIER
EMAIL: RBAIER@ECEC.COM

MAGELLAN PIPELINE - GAS
ONE WILLIAMS CENTER, MD 27-2
PO BOX 22186
TULSA, OK 74172
TELEPHONE: 918-574-7344
ATTENTION:DAVID MAINS
EMAIL: DAVID.MAINS@MAGELLANLP.COM

PACKERLAND BROADBAND - COMMUNICATION
105 KENT STREET
PO BOX 190
IRON MOUNTAIN MI 49801
TELEPHONE: 906-282-3768
ATTENTION: WAYNE CRETTON
EMAIL: WAYNE.CRETTON@PACKERLANDBROADBAND.COM

VIKING GAS TRANSMISSION COMPANY - GAS
13506 CTH 00
CHIPPewa FALLS WI 54729
TELEPHONE: 715-726-2282
ATTENTION: ANTHONY RICCI
EMAIL: ANTHONY.RICCI@ONEOK.COM

WEST WISCONSIN TELCOM COOP - COMMUNICATION
PO BOX 115
DOWNSVILLE, WI 54735
TELEPHONE: 715-664-8311
ATTENTION: GARY WAYNE
EMAIL: GARYW@WWT.COOP

WISDOT - COMMUNICATION
5009 USH 53 SOUTH
EAU CLAIRE, WI 54701
TELEPHONE: 715-839-3787
ATTENTION: BRENT MARKERT
EMAIL: BRENT.MARKERT@WISDOT.GOV

XCEL ENERGY - DISTRIBUTION
1400 WESTERN AVENUE
PO BOX 8
EAU CLAIRE WI 54702
TELEPHONE: 715-737-4203
ATTENTION: DAN KLEIN
EMAIL: DANIEL.J.KLEIN@XCELENERGY.COM

XCEL ENERGY - GAS
1400 WESTERN AVENUE
PO BOX 8
EAU CLAIRE WI 54702
TELEPHONE: 715-737-2584
ATTENTION: SCOTT SEAHOLM
EMAIL: SCOTT.J.SEAHOLM@XCELENERGY.COM

XCEL ENERGY - TRANSMISSION
414 NICOLLETT MALL, MP 8
MINNEAPOLIS, MN 55401
TELEPHONE: 612-330-7815
ATTENTION: BRUCE ZEMKE
EMAIL: BRUCE.M.ZEMKE@XCELENERGY.COM

UNION PACIFIC RAILROAD COMPANY
JOHN VENICE, MANAGER SPECIAL PROJECTS
101 NORTH WACKER DRIVE SUITE 1920
CHICAGO, IL 60606
TELEPHONE (312) 777-2043
FAX (402) 233-2769
EMAIL JNVENICE@UP.COM



Dial 811 or (800)242-8511
www.DiggersHotline.com

UP CALL BEFORE YOU DIG
1-800-336-9193

DESIGN CONTACT

SEH
10 NORTH BRIDGE ST
CHIPPewa FALLS WI 54729
TELEPHONE: 715-720-6200
ATTENTION: TARA KRISTA
EMAIL: TKRISTA@SEHINC.COM

WISDOT CONTACT

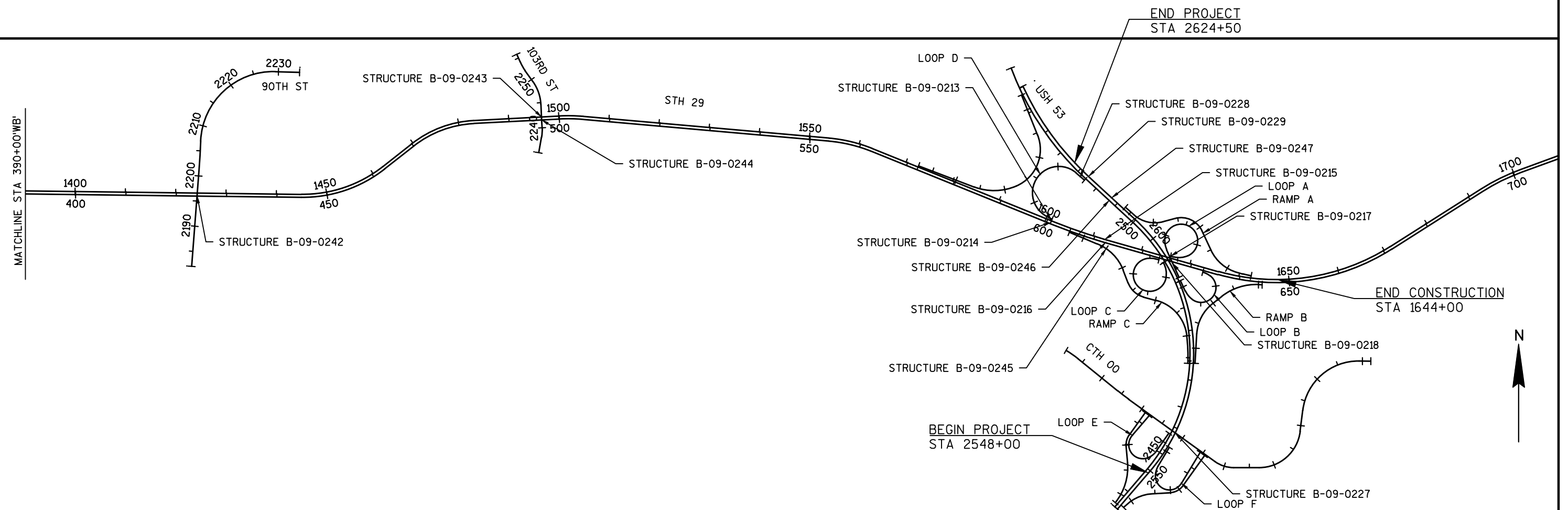
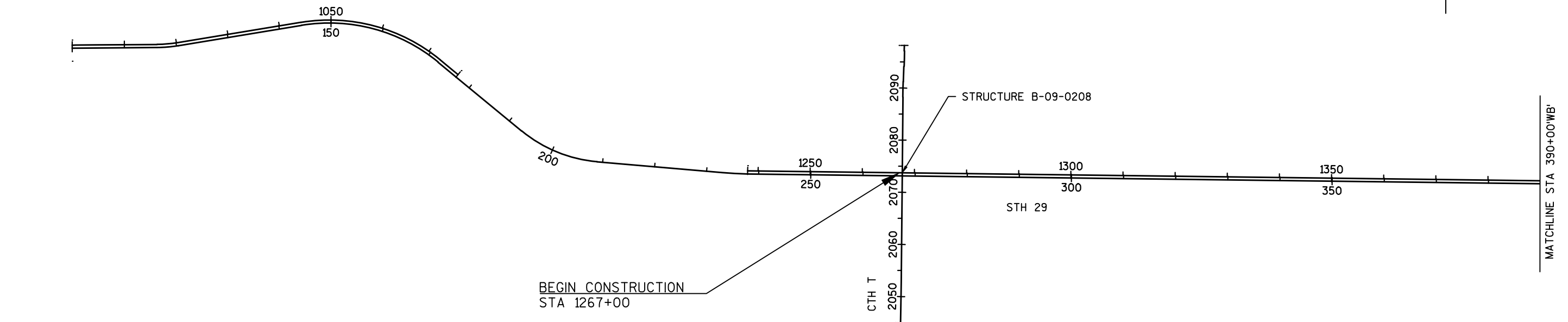
WIS DOT NW REGION
718 W CLAIREMONT AVENUE
EAU CLAIRE WI 54701
TELEPHONE: 715-836-2283
ATTENTION: TARA WEISS
EMAIL: TARA.WEISS@DOT.WI.GOV

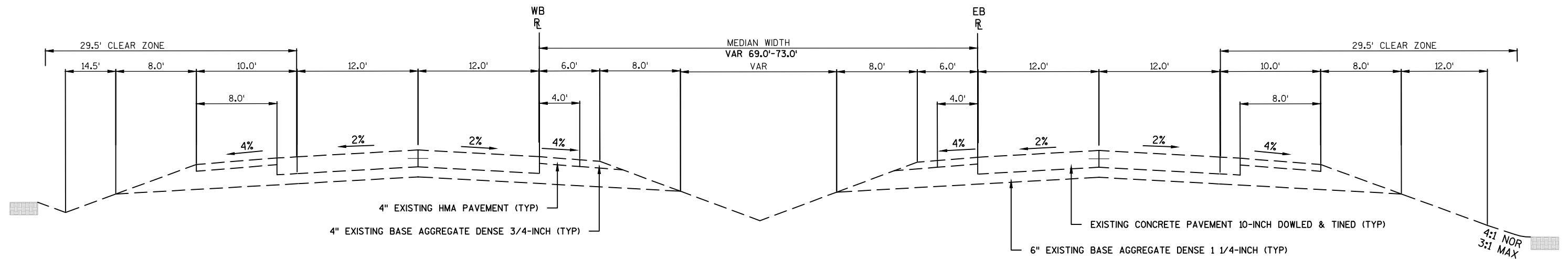
WDNR CONTACT

DNR WEST CENTRAL REGION
1400 WEST CLAIREMONT AVENUE
EAU CLAIRE WI 54701
TELEPHONE: 715-839-1609
ATTENTION: CHRIS WILLGER
EMAIL: CHRISTOPHERJ.WILLGER@WISCONSIN.GOV

STATE PATROL

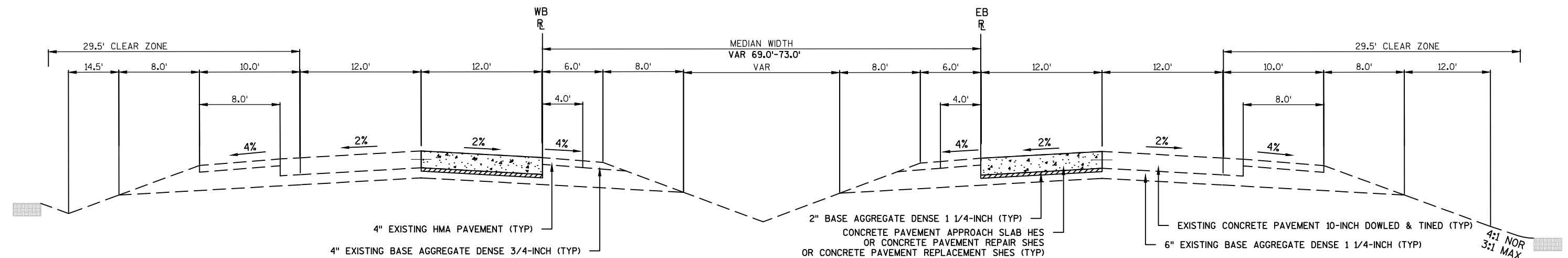
NORTHWEST REGION
EAU CLAIRE POST
5005 HIGHWAY 53 SOUTH
EAU CLAIRE WI 54701
TELEPHONE: 715-839-3800
ATTENTION: SGT. STEPHEN TAPE





TYPICAL EXISTING SECTION USH 53 BRIDGE APPROACH

B-09-0246, B-09-0247,
B-09-0228, B-09-0229

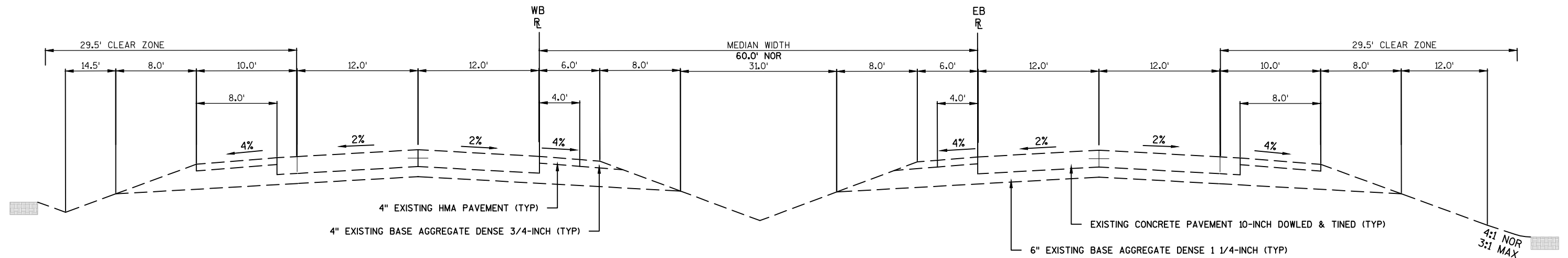


TYPICAL PROPOSED SECTION USH 53 BRIDGE APPROACH

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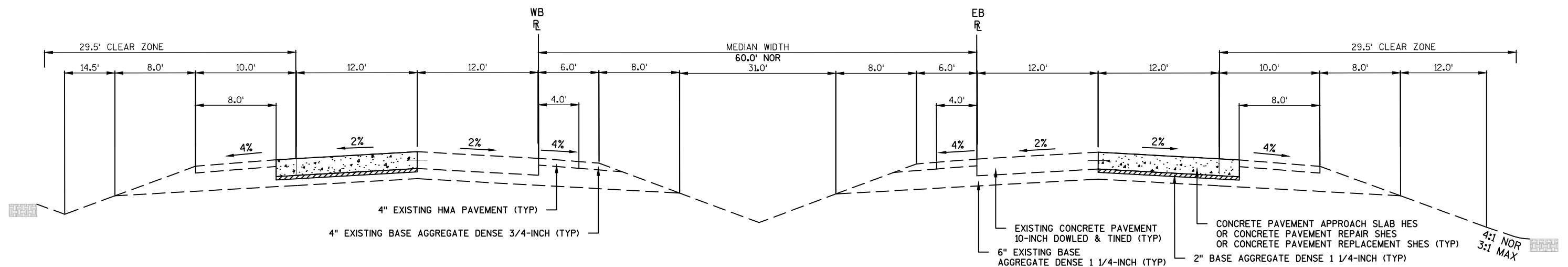
NOTE:
LOCATIONS OF REPAIRS AND REPLACEMENTS VARY.

EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM.
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY



TYPICAL EXISTING SECTION STH 29 BRIDGE APPROACH

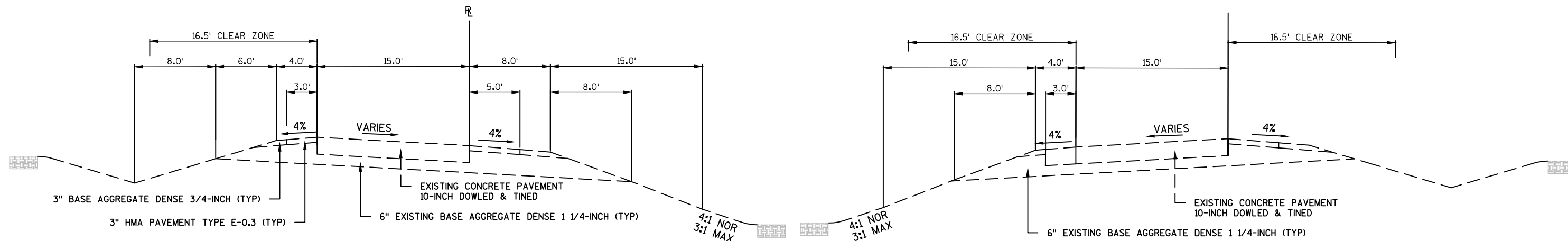
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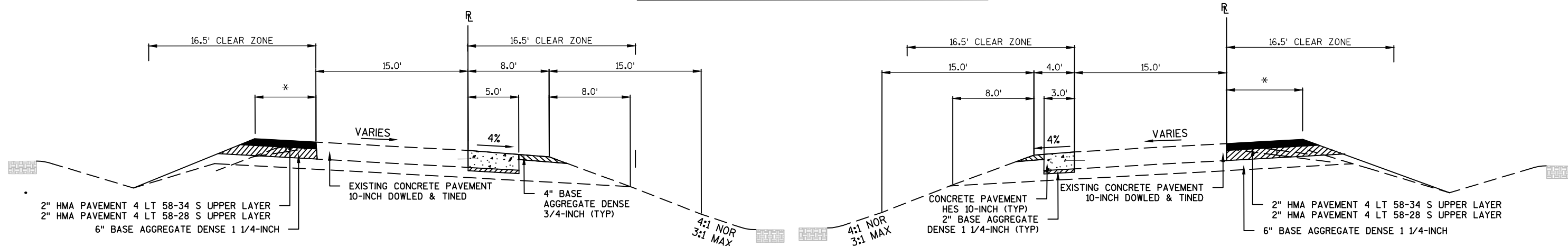
TYPICAL PROPOSED SECTION STH 29 BRIDGE APPROACH

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B-09-0215, B-09-0216,
B-09-0217, B-09-0218

NOTE:
LOCATIONS OF REPAIRS AND REPLACEMENTS VARY
EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM.
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY



TYPICAL EXISTING SECTION STH 29/USH 53 RAMPs



TYPICAL CONSTRUCTION SECTION STH 29/USH 53 RAMPs

STA 2667+80 - STA 2685+56 LOOP C, *5.5'

STA 2644+25 - STA 2665+50 LOOP A, *5.5'

STA 3386+00 - STA 3399+99 LOOP B, *6.5'

STA 3297+57 - STA 3311+45 LOOP D, *5.5'

STA 3338+02 - STA 3343+53 RAMP A, *5.0'

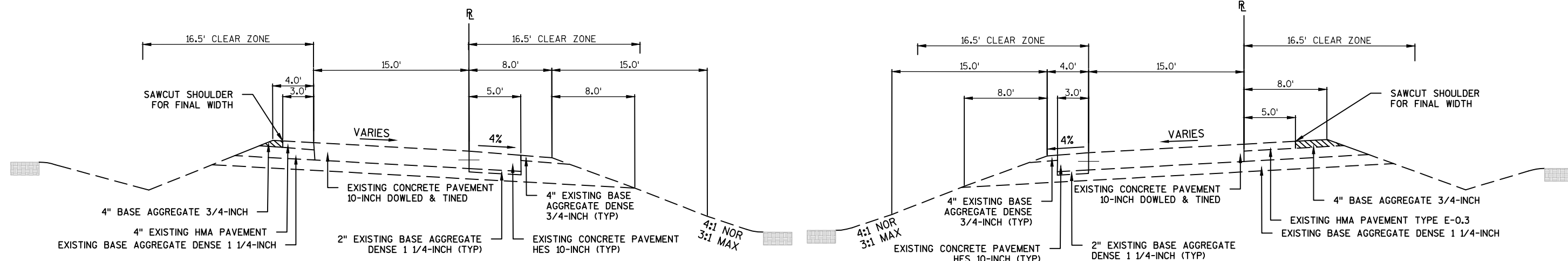
STA 3368+04 - STA 3381+01 RAMP C, *4.5'

STA 3316+07 - STA 3324+94 RAMP A, *4.5'

TYPICAL CONSTRUCTION SECTION STH 29/USH 53 RAMPs

STA 3363+35 - STA 3369+46 RAMP C, *8'

STA 3324+94 - STA 3338+02 RAMP A, *6.5'



TYPICAL PROPOSED SECTION STH 29/USH 53 RAMPs

STA 2667+80 - STA 2685+56 LOOP C

STA 2644+25 - STA 2665+50 LOOP A

STA 3386+00 - STA 3399+99 LOOP B

STA 3297+57 - STA 3311+45 LOOP D

STA 3338+02 - STA 3343+53 RAMP

STA 3368+04 - STA 3381+01 RAMP

STA 3316+07 - STA 3324+94 RAMP

TYPICAL PROPOSED SECTION STH 29/USH 53 RAMPs

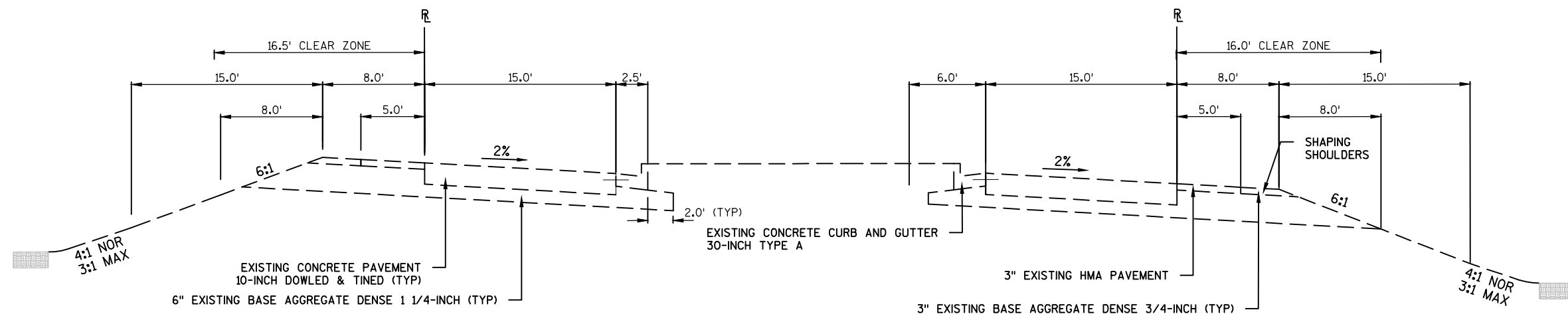
STA 3363+35 - STA 3369+46 RAMP C

STA 3324+94 - STA 3338+02 RAMP A

NOTE:
LOCATIONS OF REPAIRS AND REPLACEMENTS VARY

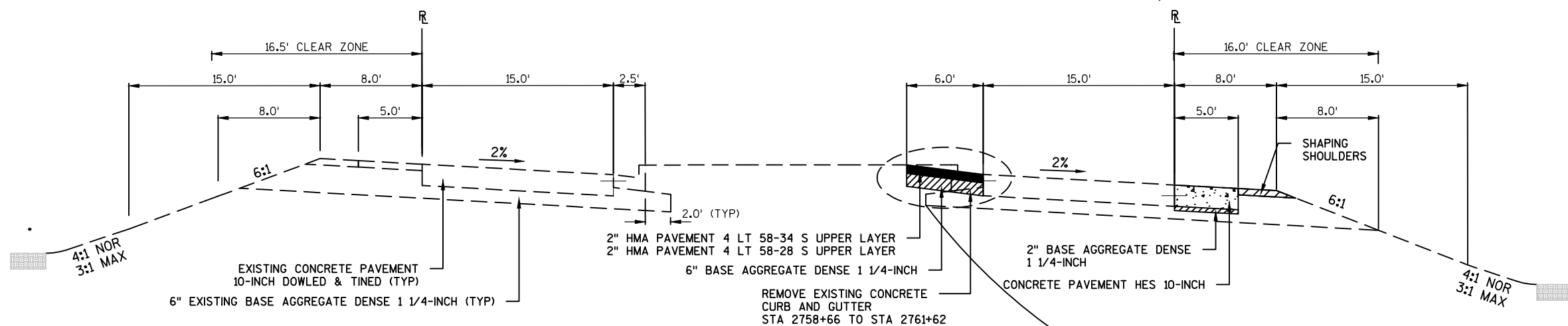
EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM.
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY

MATCH EXISTING SUPERELEVATION WITH ASPHALT WIDENING



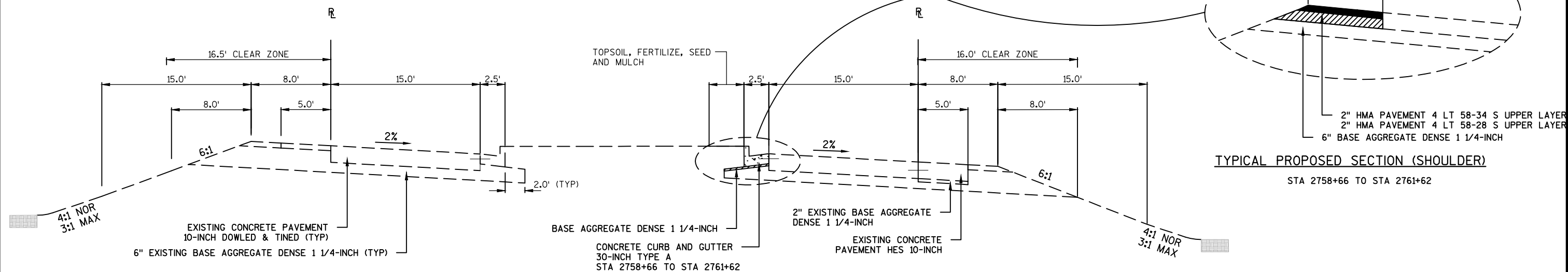
TYPICAL EXISTING SECTION CTH 00 PARCLO LOOP RAMPS

STA 2750+25 TO STA 2762+00, LOOP E



TYPICAL CONSTRUCTION SECTION CTH 00 PARCLO LOOP RAMPS

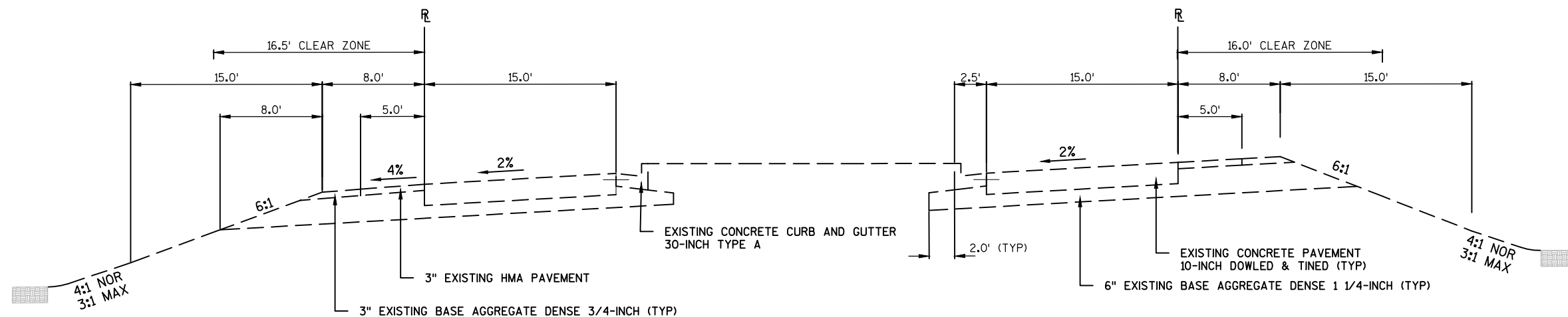
STA 2750+25 TO STA 2762+00, LOOP E



TYPICAL PROPOSED SECTION CTH 00 PARCLO LOOP RAMPS

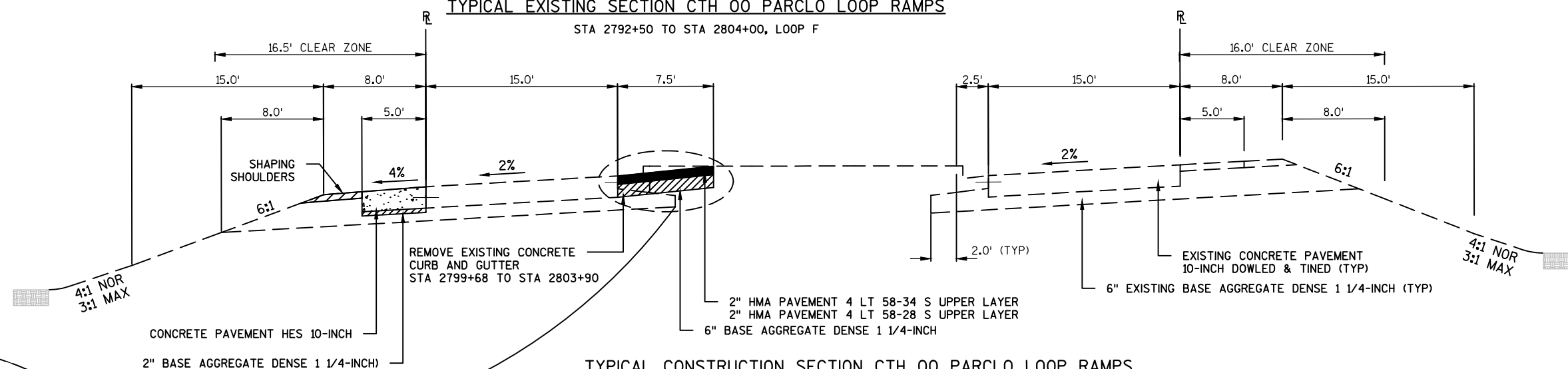
STA 2750+25 TO STA 2762+00 LOOP E

NOTE:
EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM.
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY
MATCH EXISTING SUPERELEVATION WITH ASPHALT WIDENING



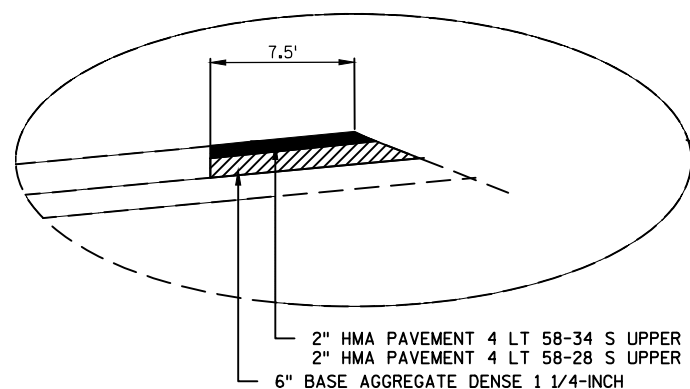
TYPICAL EXISTING SECTION CTH 00 PARCLO LOOP RAMPS

STA 2792+50 TO STA 2804+00, LOOP F



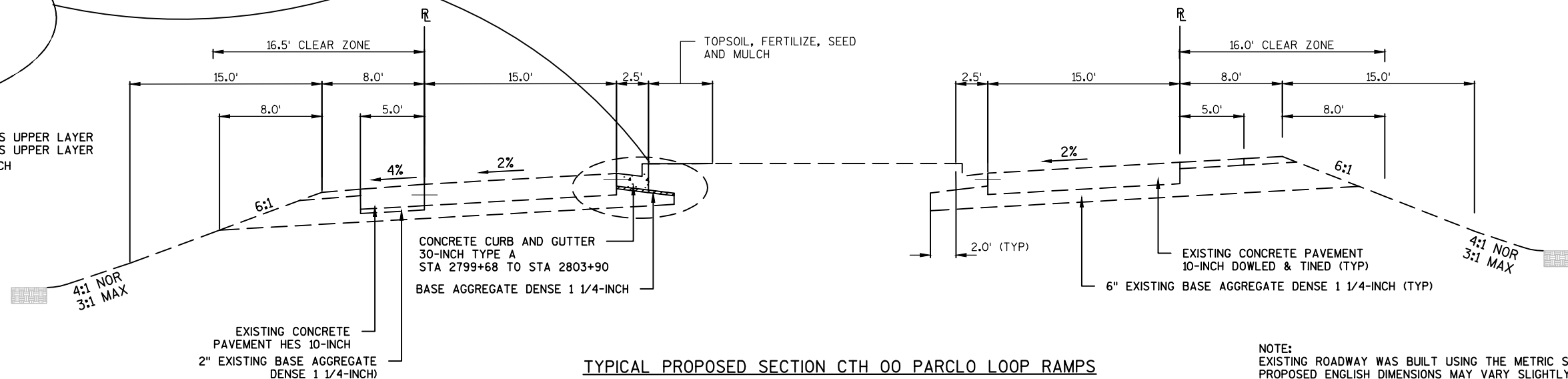
TYPICAL CONSTRUCTION SECTION CTH 00 PARCLO LOOP RAMPS

STA 2792+50 TO STA 2804+00, LOOP F



TYPICAL PROPOSED SECTION (SHOULDER)

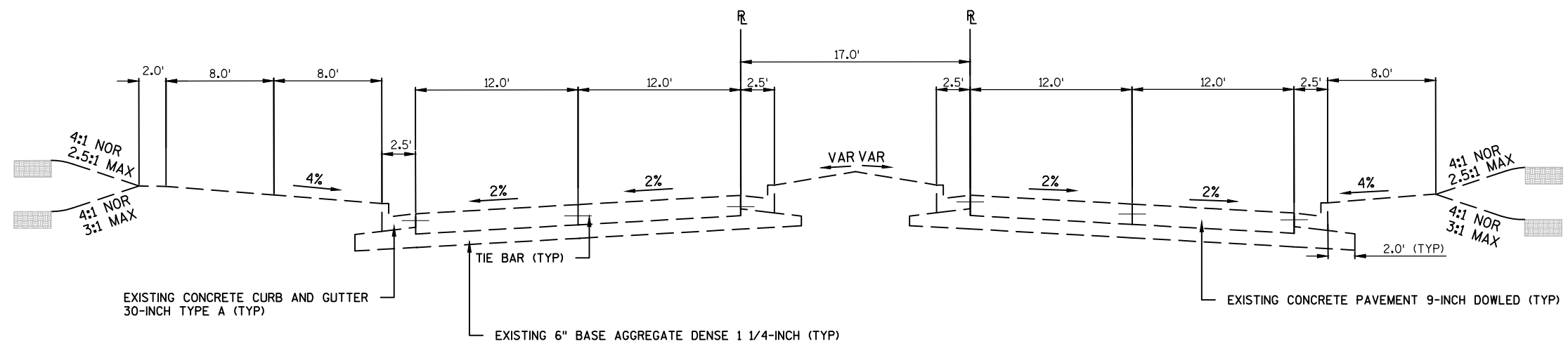
STA 2792+94 TO STA 2799+68



TYPICAL PROPOSED SECTION CTH 00 PARCLO LOOP RAMPS

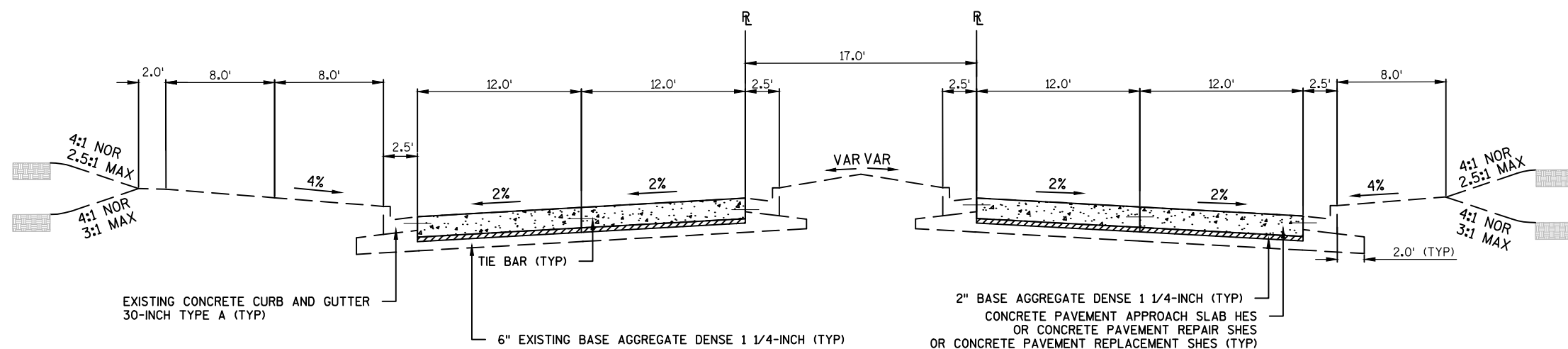
STA 2792+50 TO STA 2804+00 LOOP F

NOTE:
EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY
MATCH EXISTING SUPERELEVATION WITH ASPHALT WIDENING



TYPICAL EXISTING SECTION CTH 00 BRIDGE APPROACH

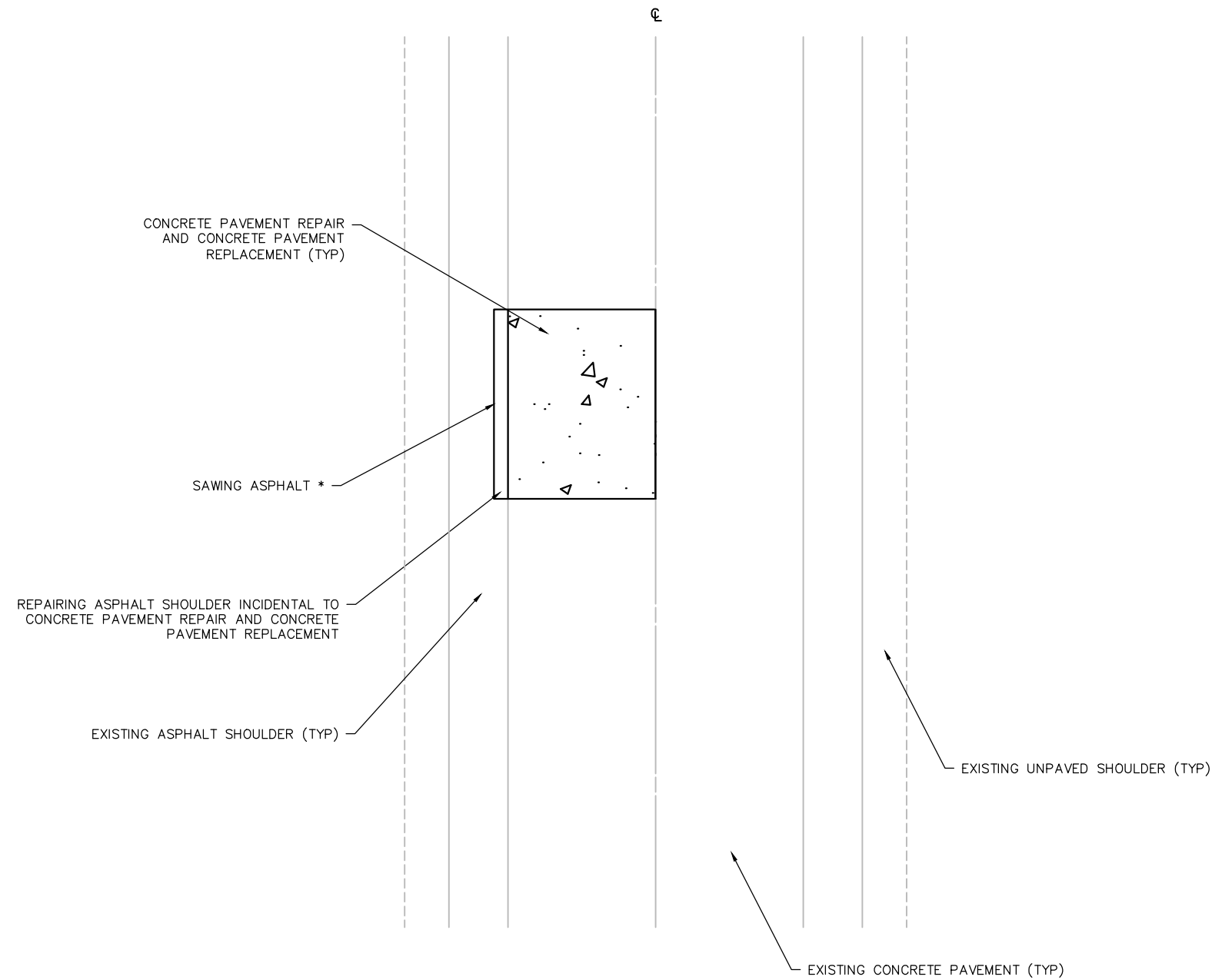
B-09-0227



TYPICAL PROPOSED SECTION CTH 00 BRIDGE APPROACH

B-09-0227

NOTE:
EXISTING ROADWAY WAS BUILT USING THE METRIC SYSTEM.
PROPOSED ENGLISH DIMENSIONS MAY VARY SLIGHTLY
MATCH EXISTING SUPERELEVATION WITH ASPHALT WIDENING

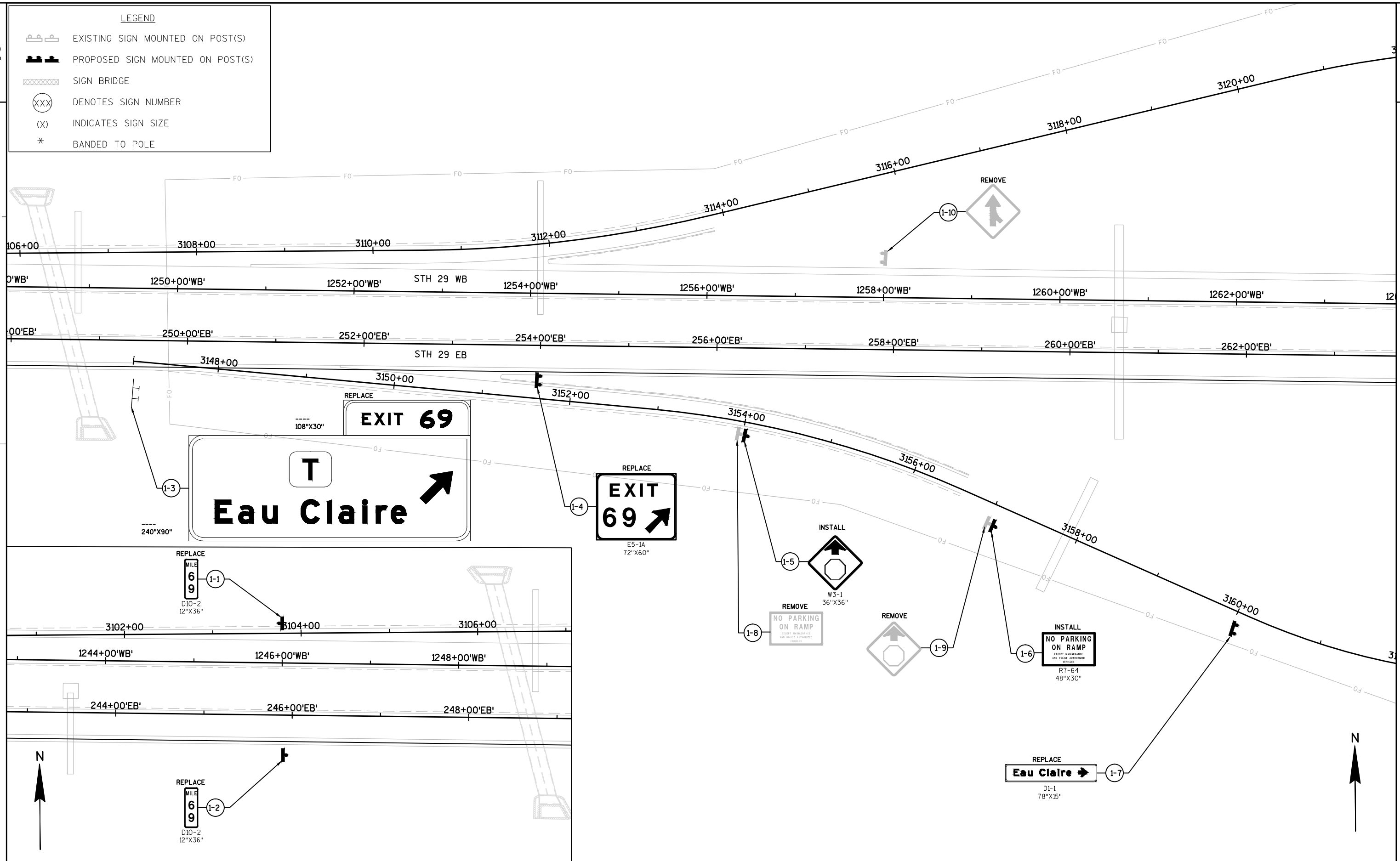


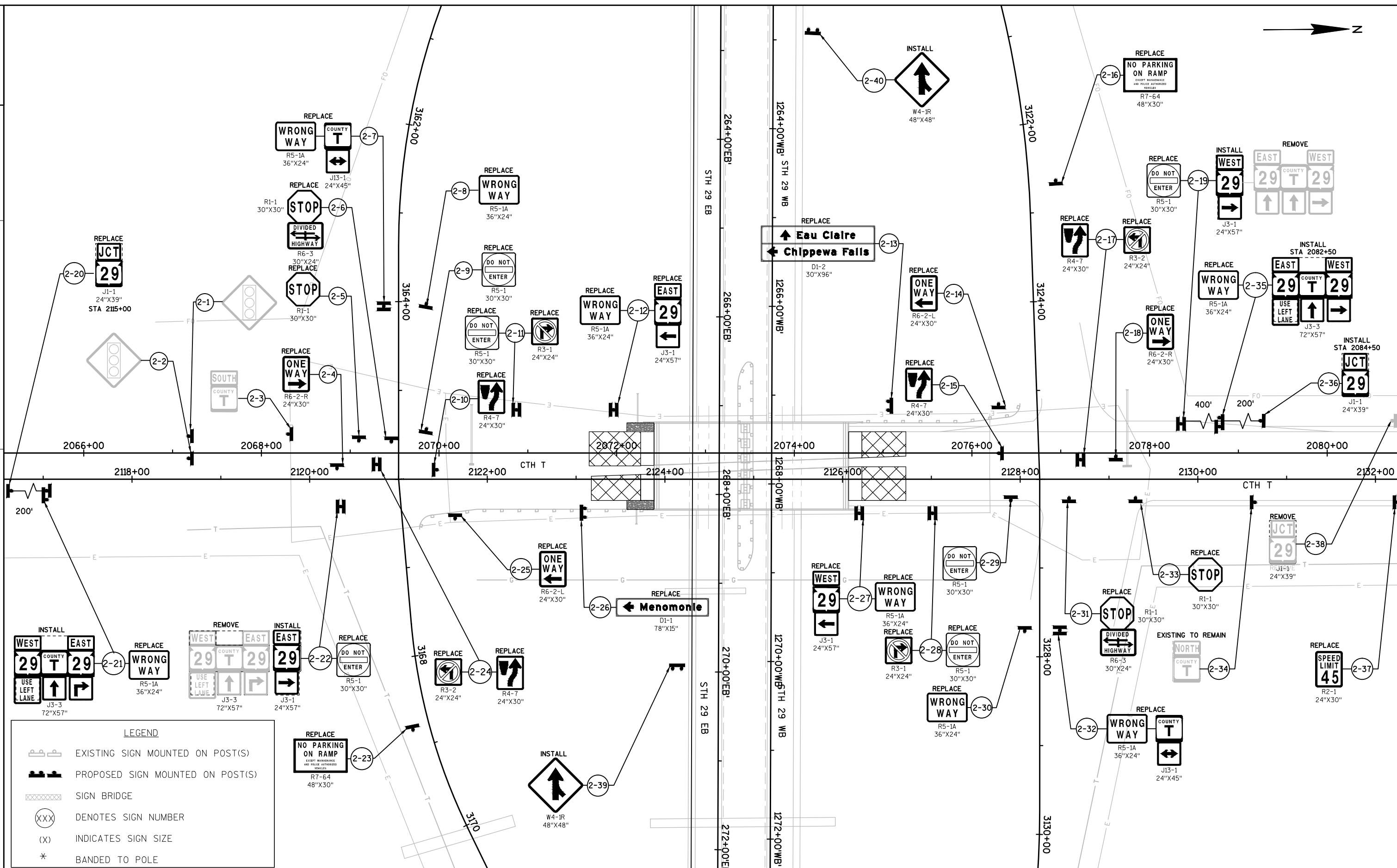
CONCRETE PAVEMENT REPAIR/REPLACEMENT DETAIL

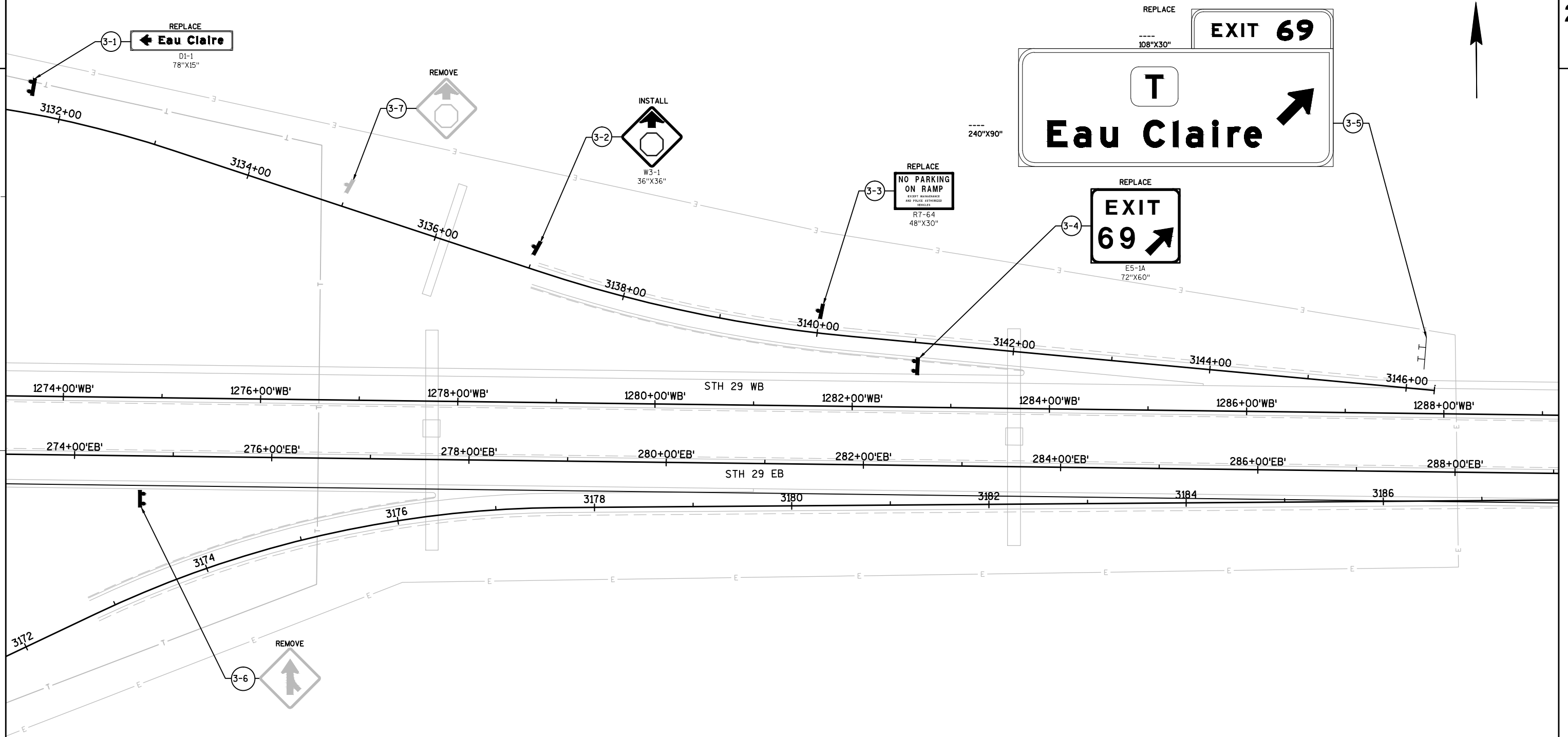
* IF CONTRACTOR CANNOT PROTECT EXISTING SHOULDER DURING CONCRETE REMOVAL, CONTRACTOR SHOULD PROVIDE CLEAN SAWED EDGE FOR REPAIR. SAWING ASPHALT IS INCIDENTAL TO CONCRETE PAVEMENT REPAIR AND CONCRETE PAVEMENT REPLACEMENT

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- BANDED TO POLE

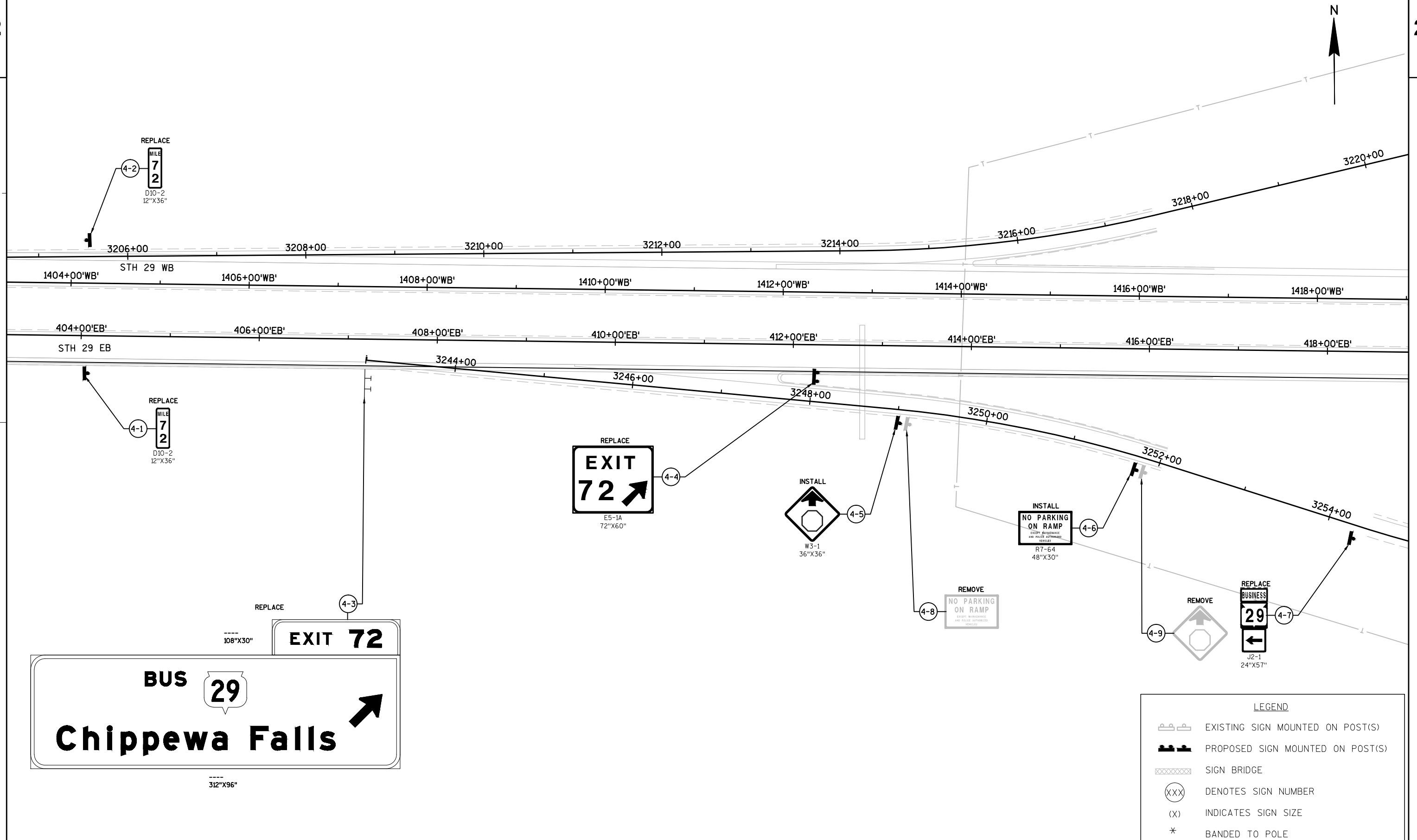




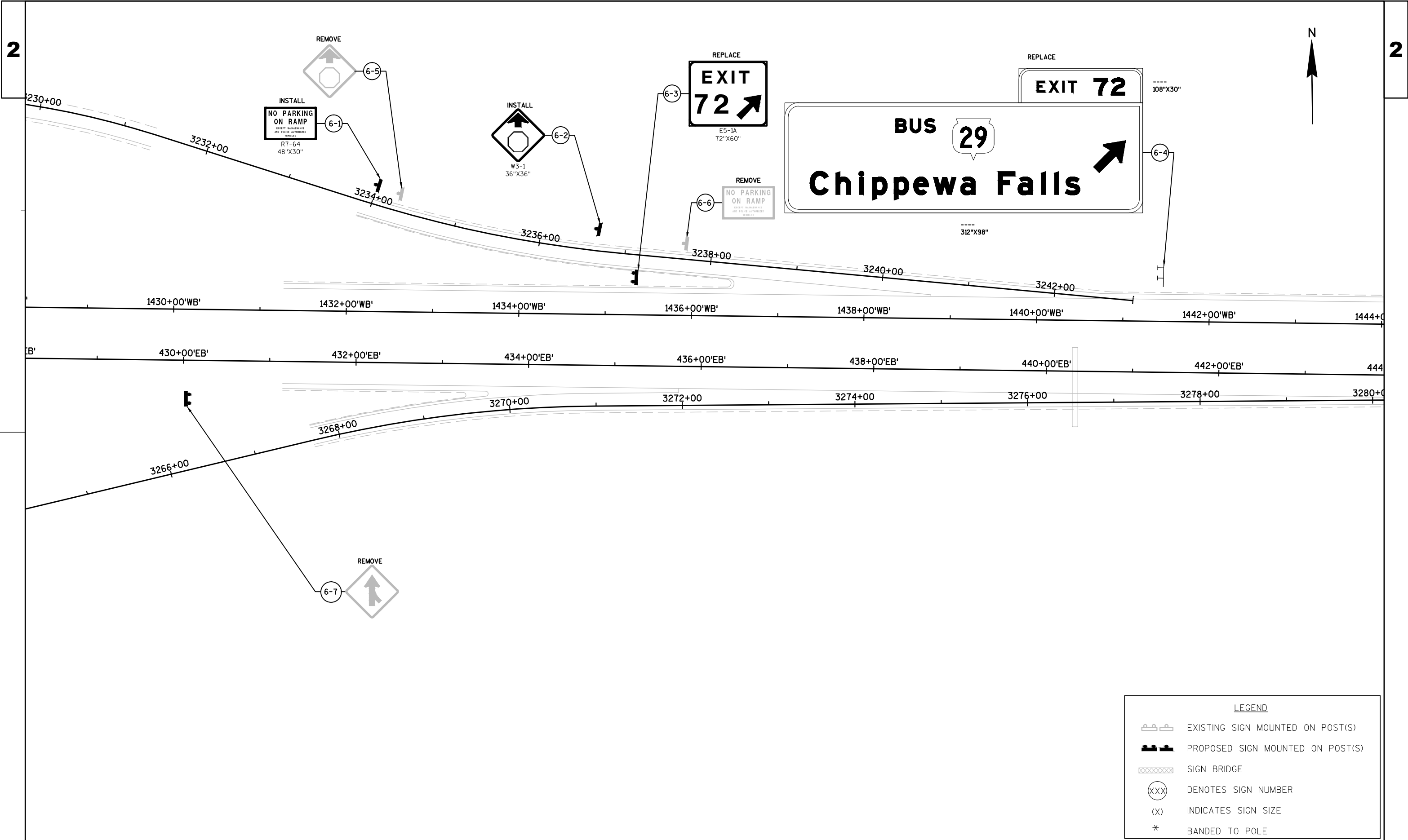


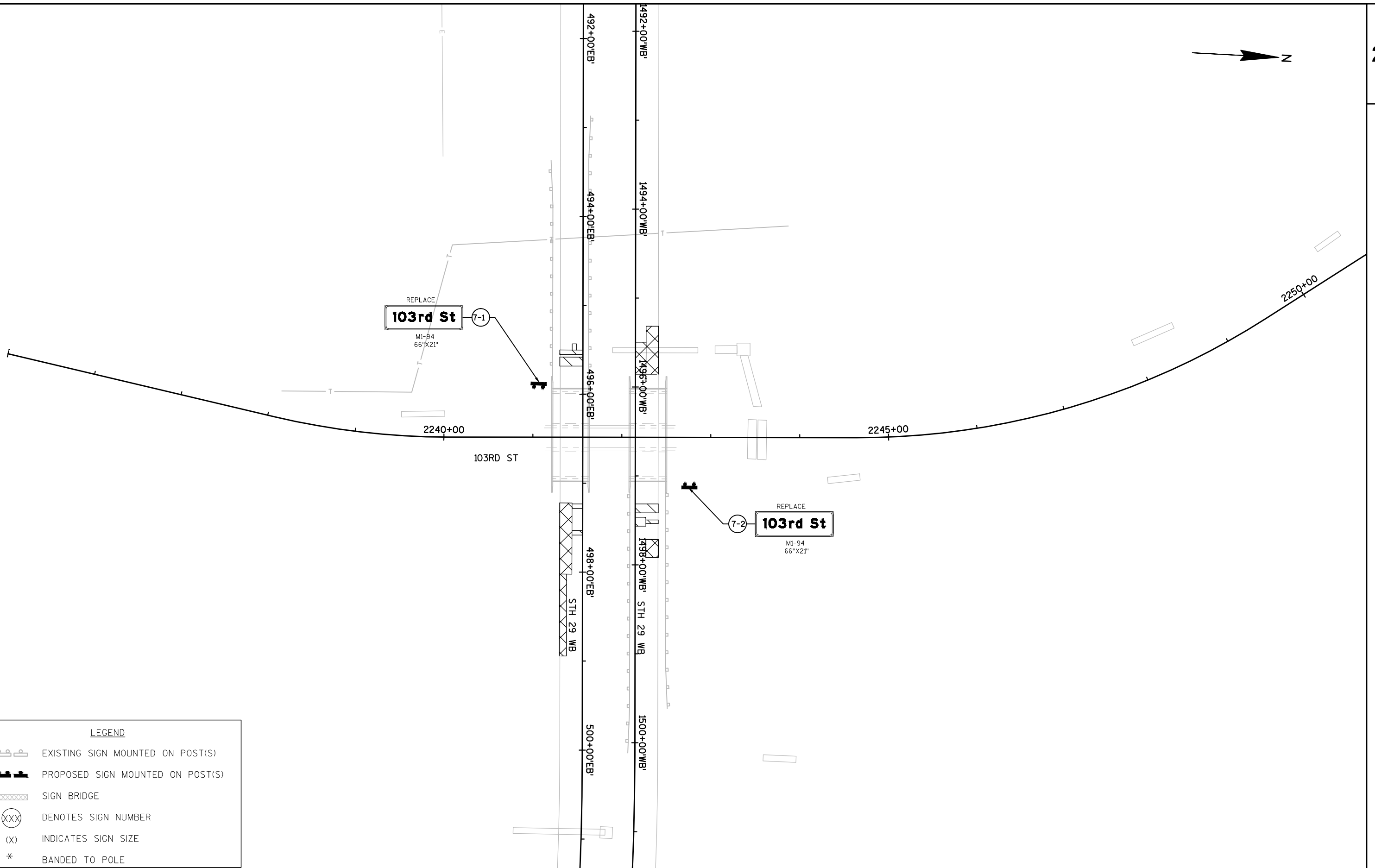
LEGEND

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- INDICATES SIGN SIZE
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LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON POST(S)
-  SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE
-  BANDED TO POLE

PROJECT NO: 1190-03-62

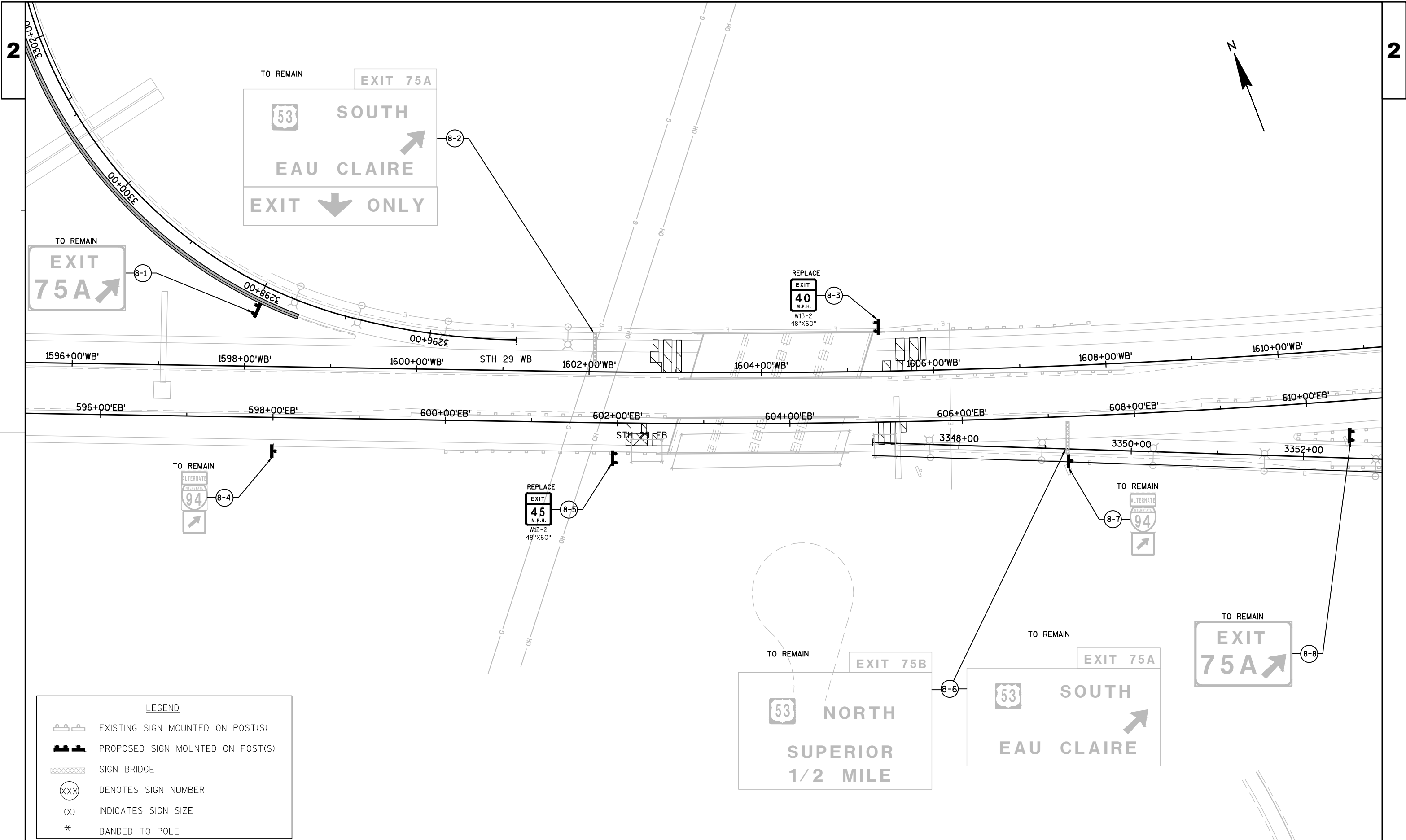
HWY: USH 53

COUNTY: CHIPPEWA

PERMANENT SIGNING

SHEET

E



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- BANDED TO POLE



LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON POST(S)
-  SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE
-  BANDED TO POLE

PROJECT NO:1190-03-62

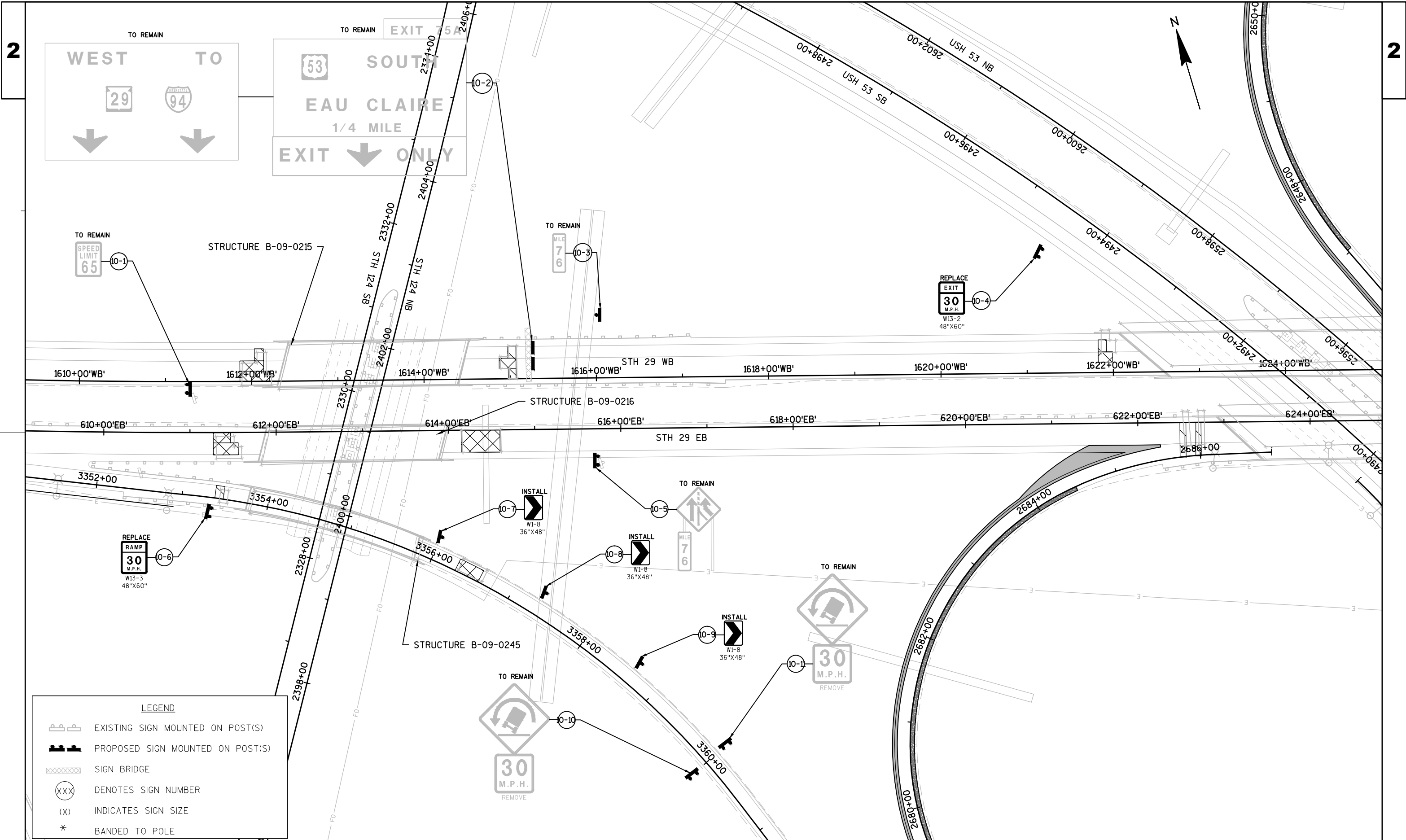
HWY: USH 53

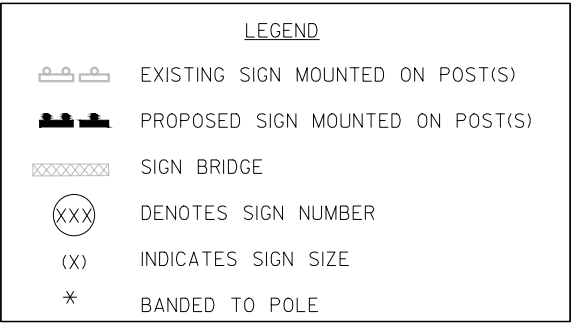
COUNTY: CHIPPEWA

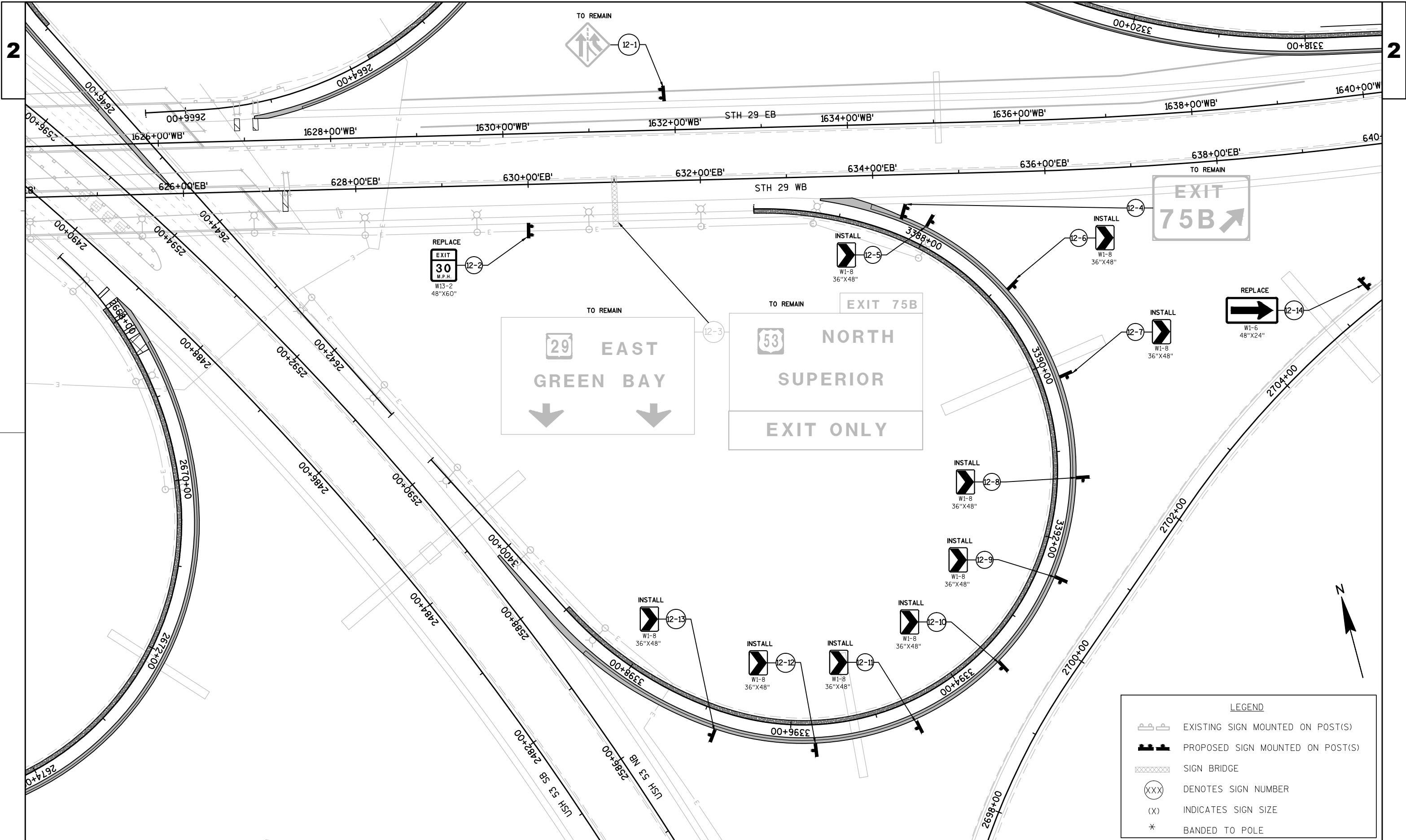
PERMANENT SIGNING

SHEET

E







PROJECT NO: 1190-03-62

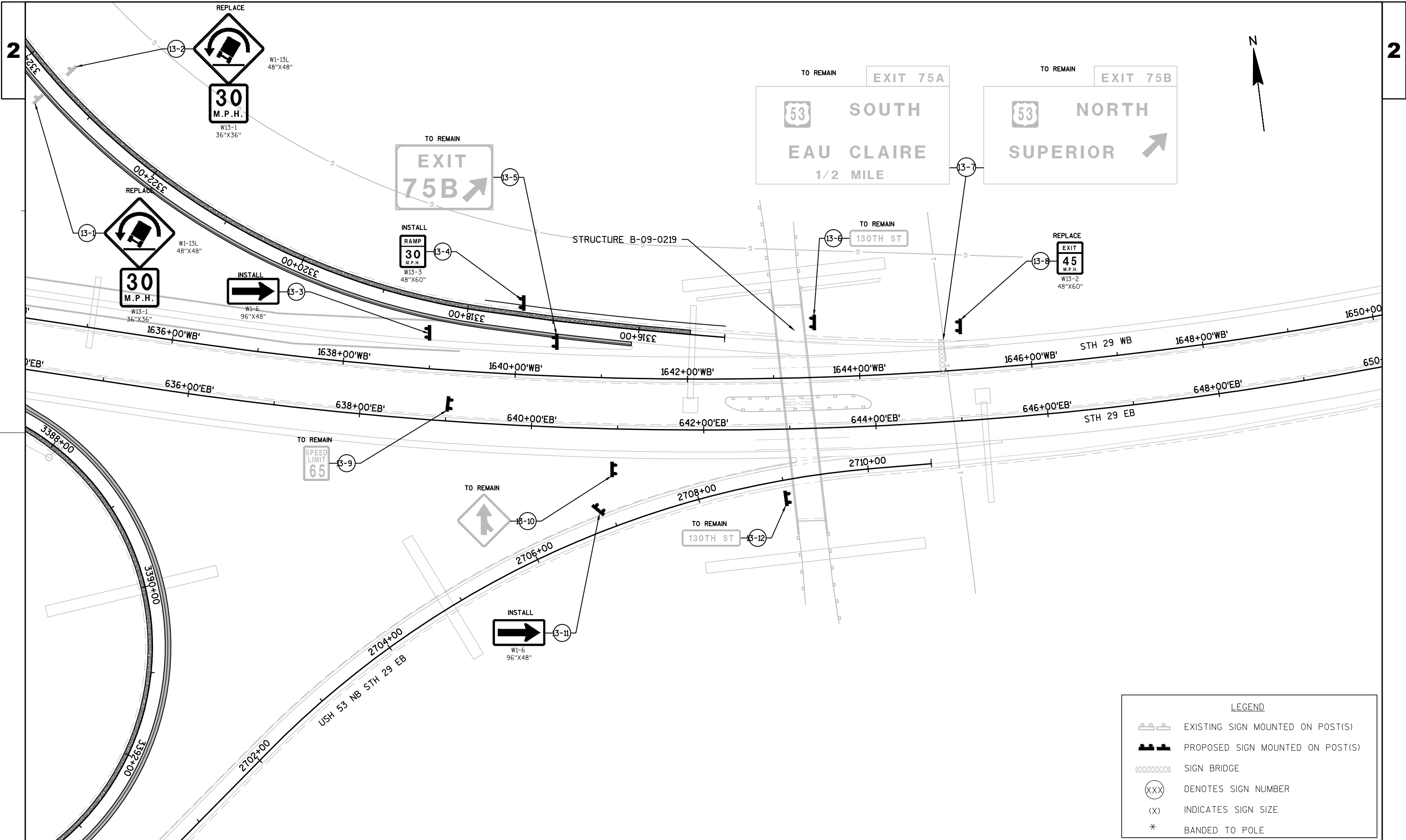
HWY: USH 53

COUNTY: CHIPPEWA

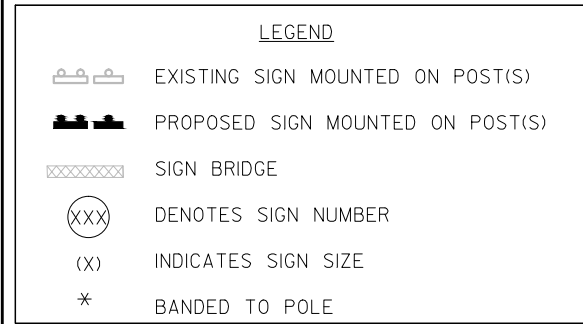
PERMANENT SIGNING

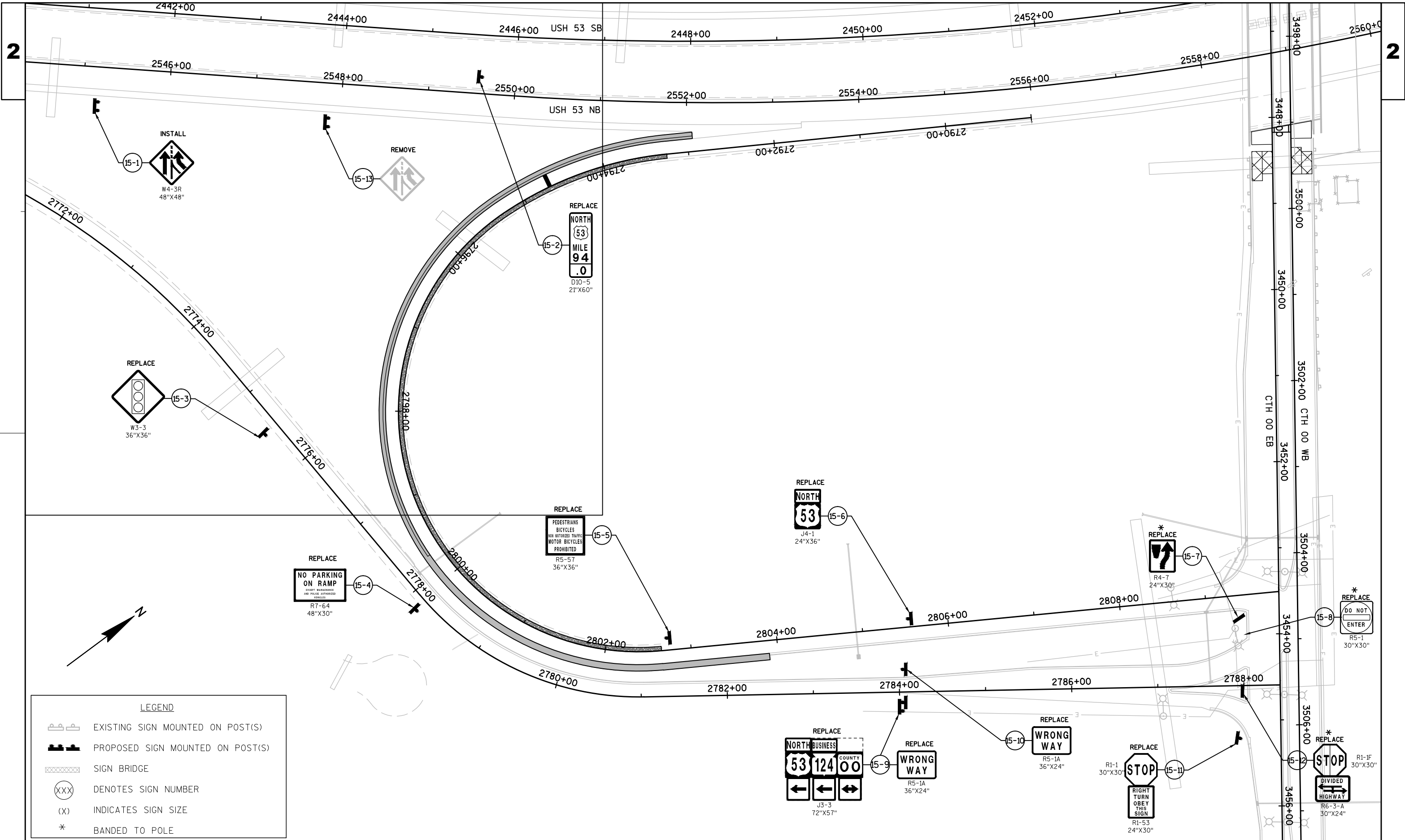
SHEET

E



2



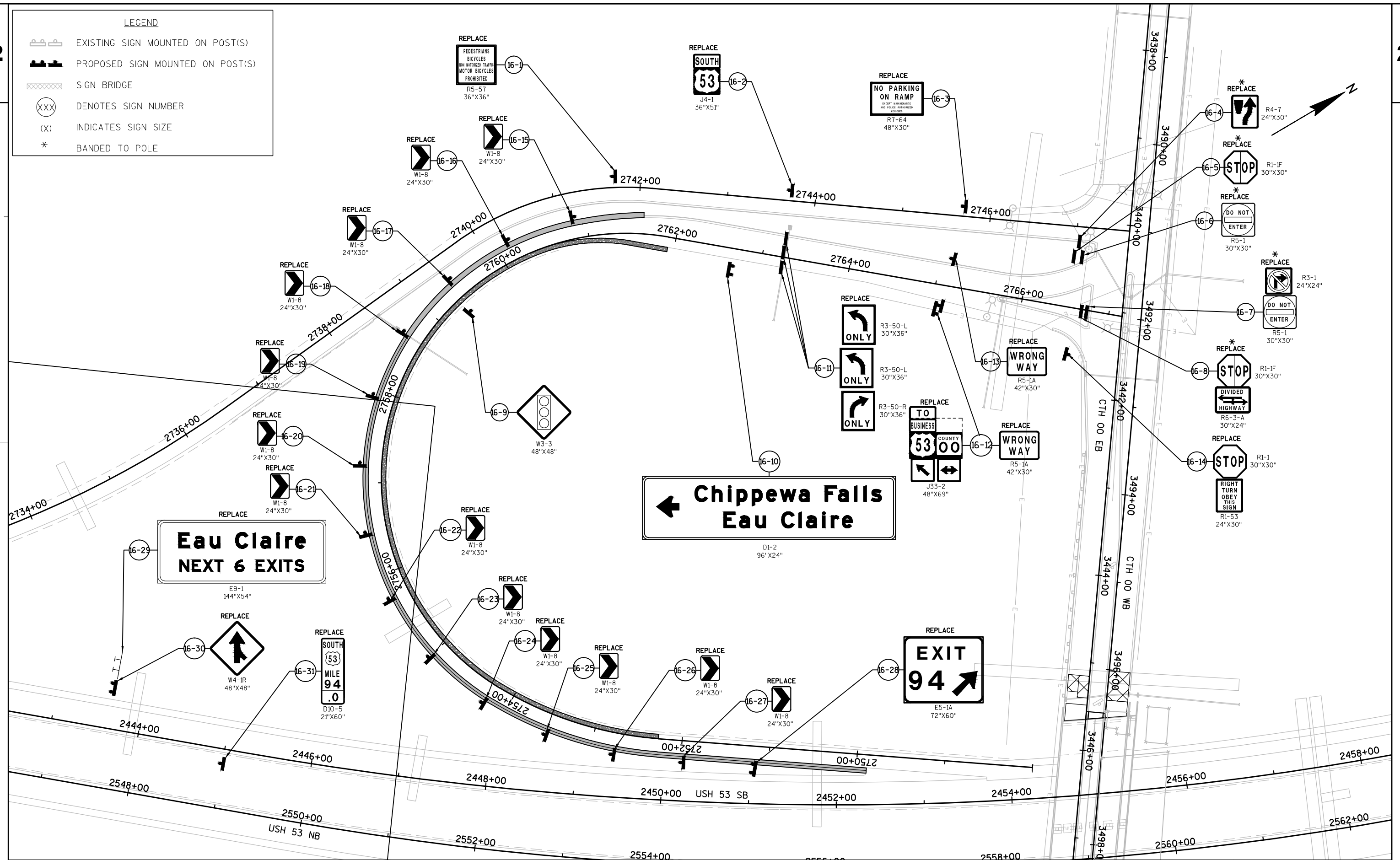


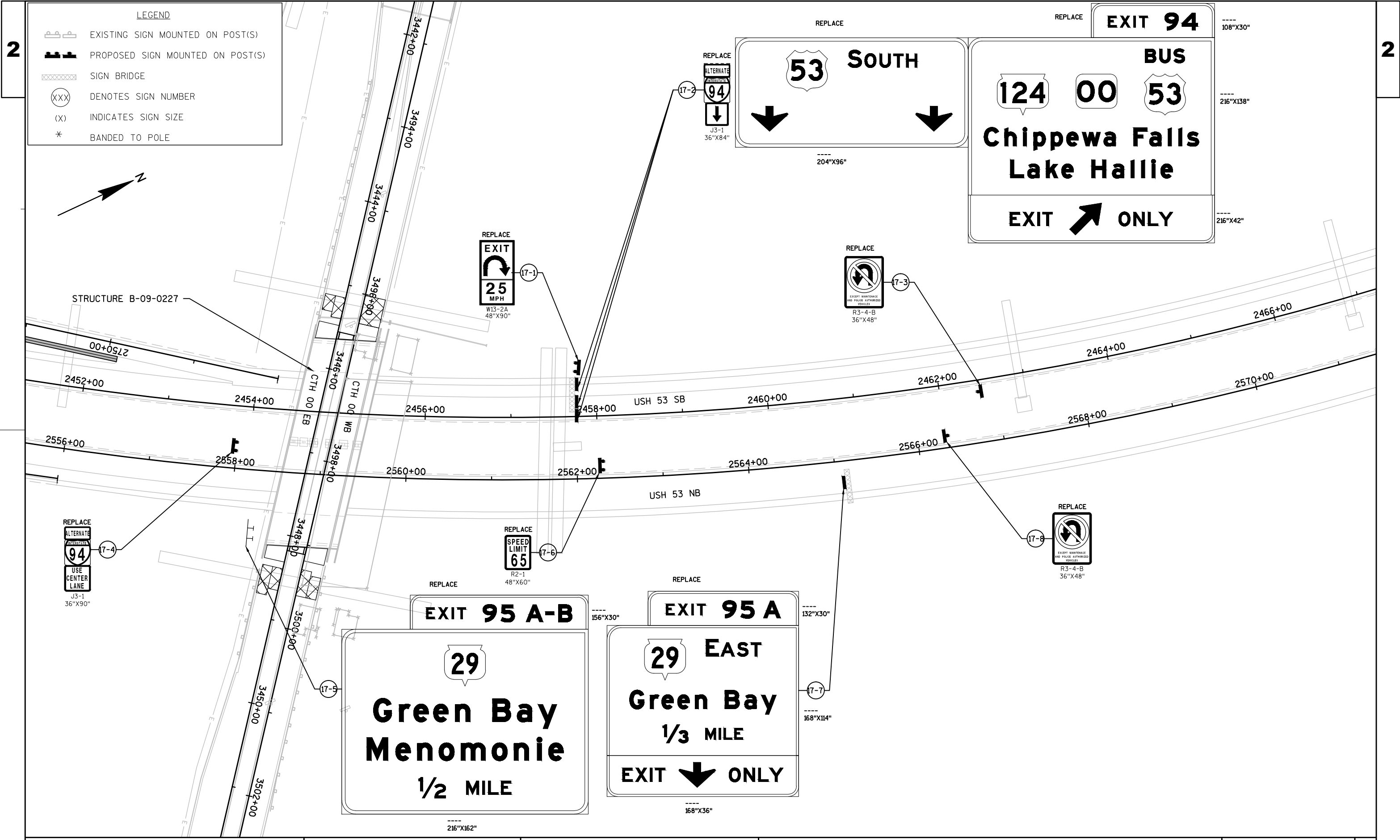
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- BANDED TO POLE

LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON POST(S)
-  SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE
-  BANDED TO POLE





LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- BANDED TO POLE

REPLACE

108"X30"

EXIT 94

BUS

124

00

53

Chippewa Falls
Lake Hallie
1/2 MILE

19-1

276"X180"

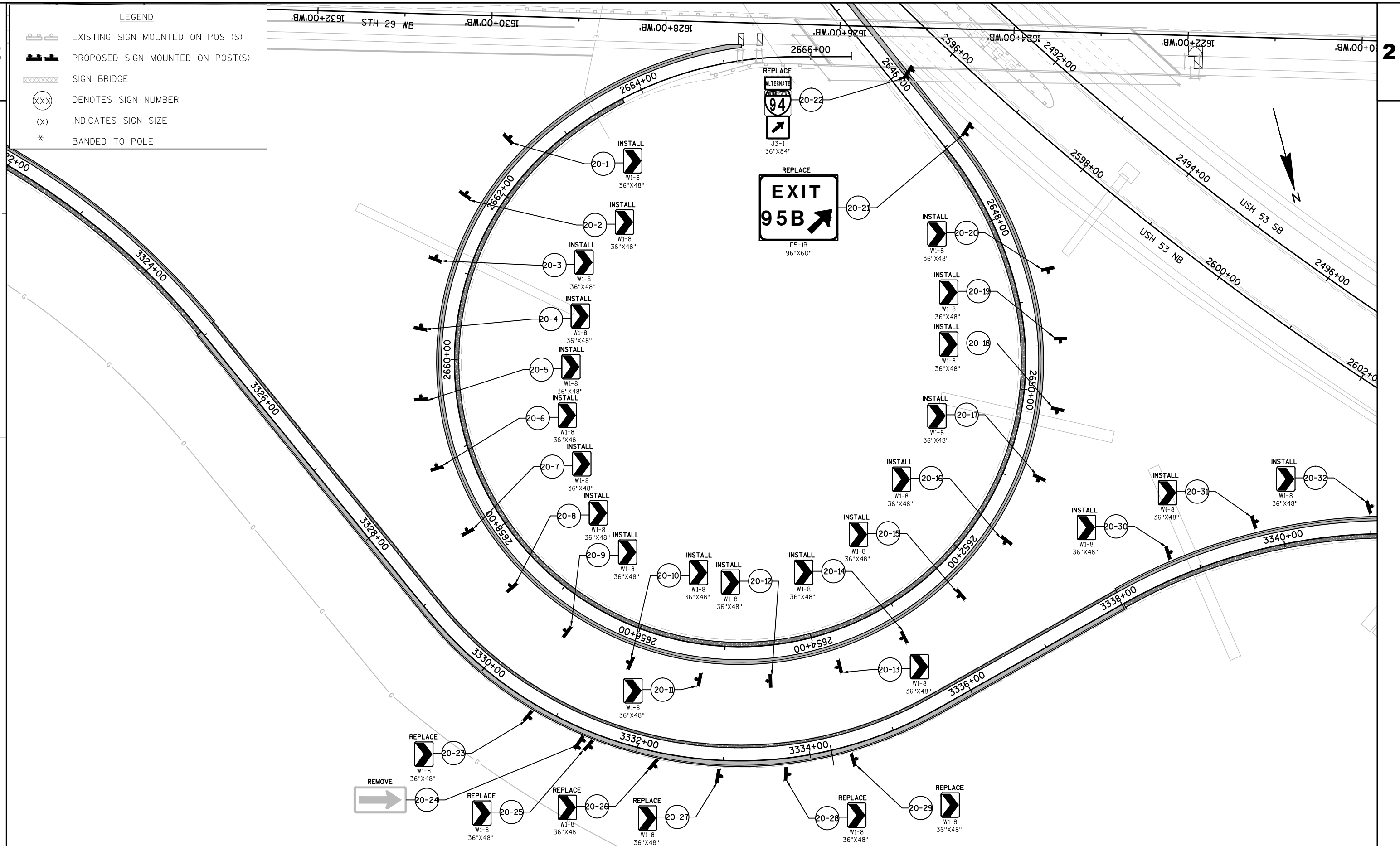
USH 53 SB

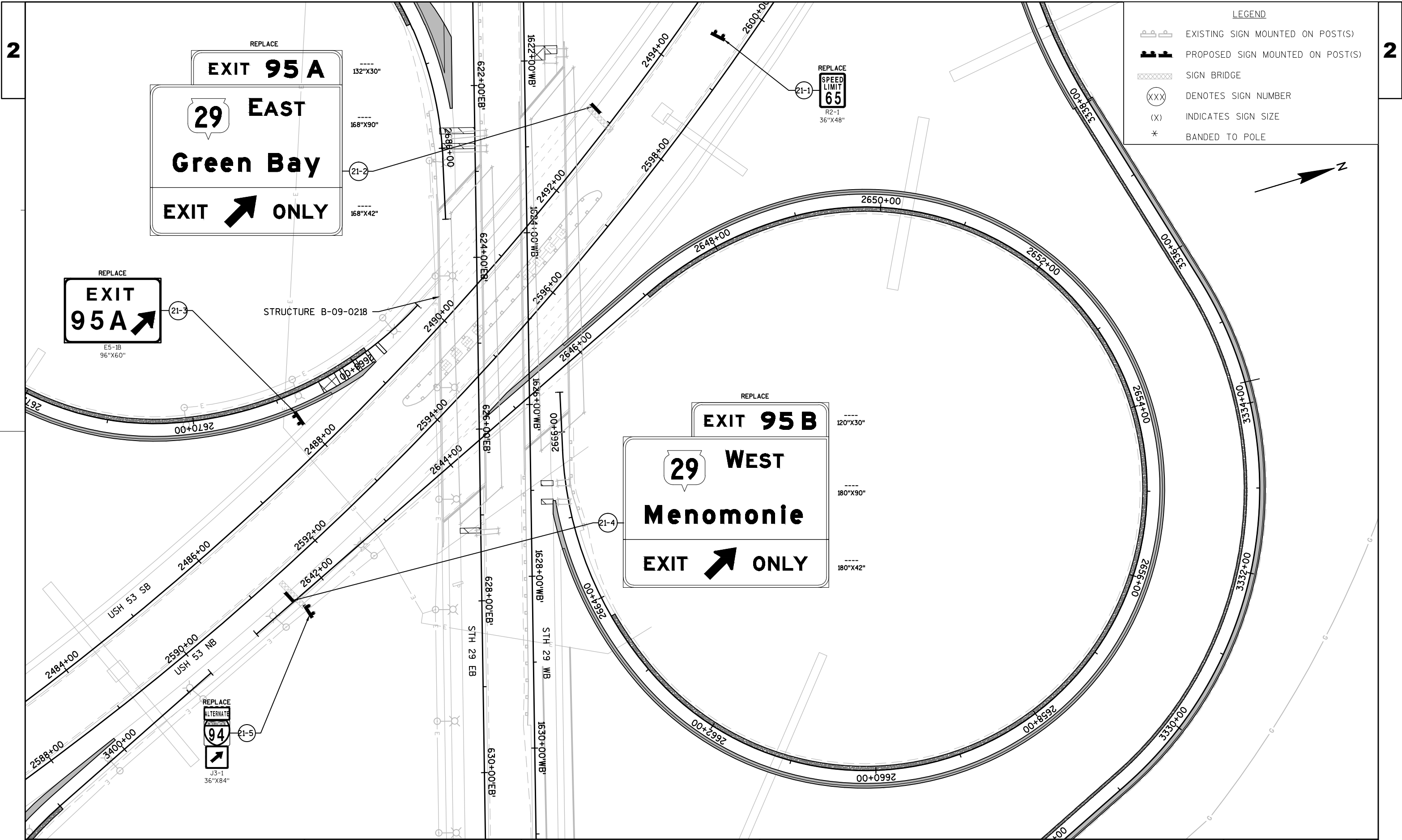
USH 53 NB

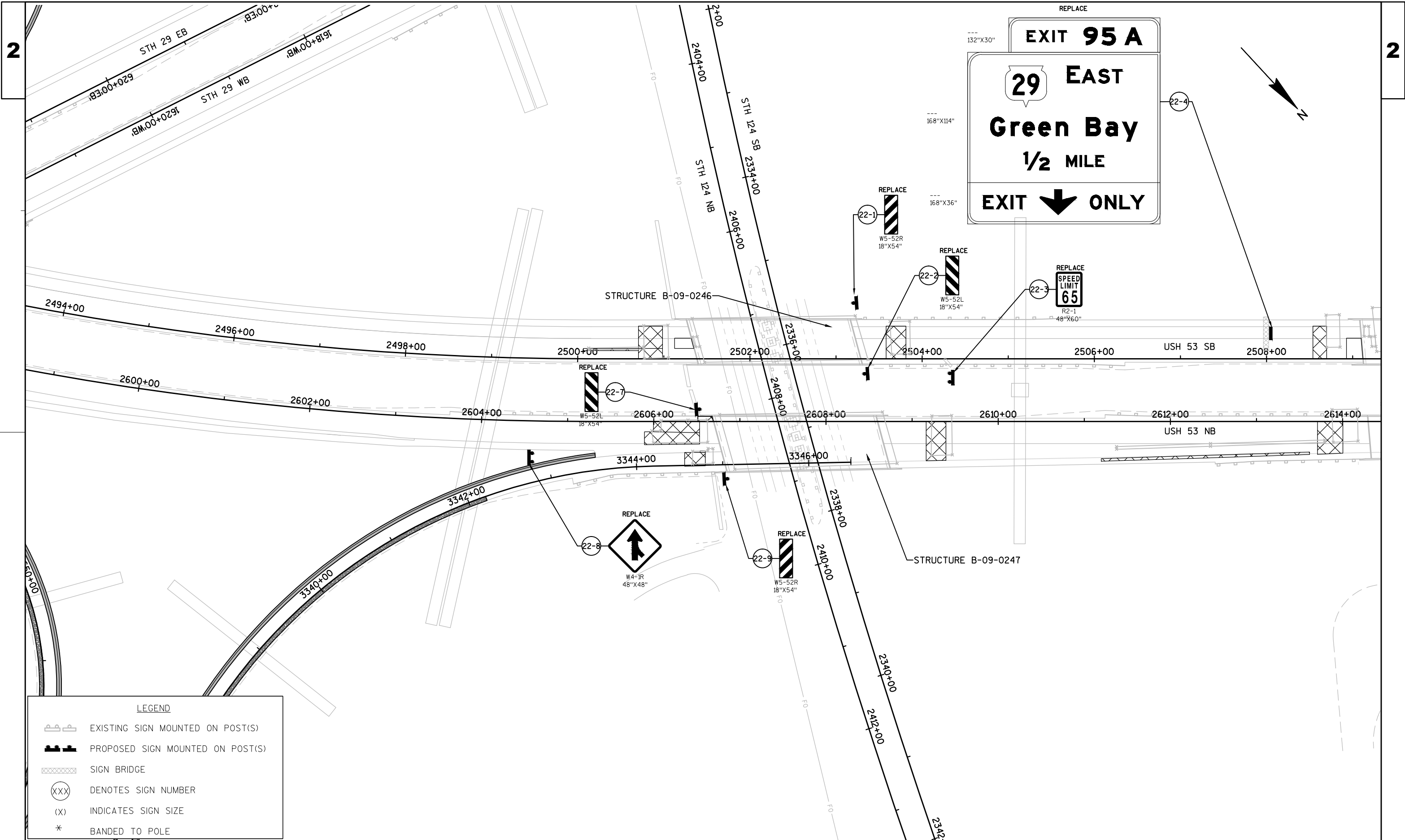
REPLACE

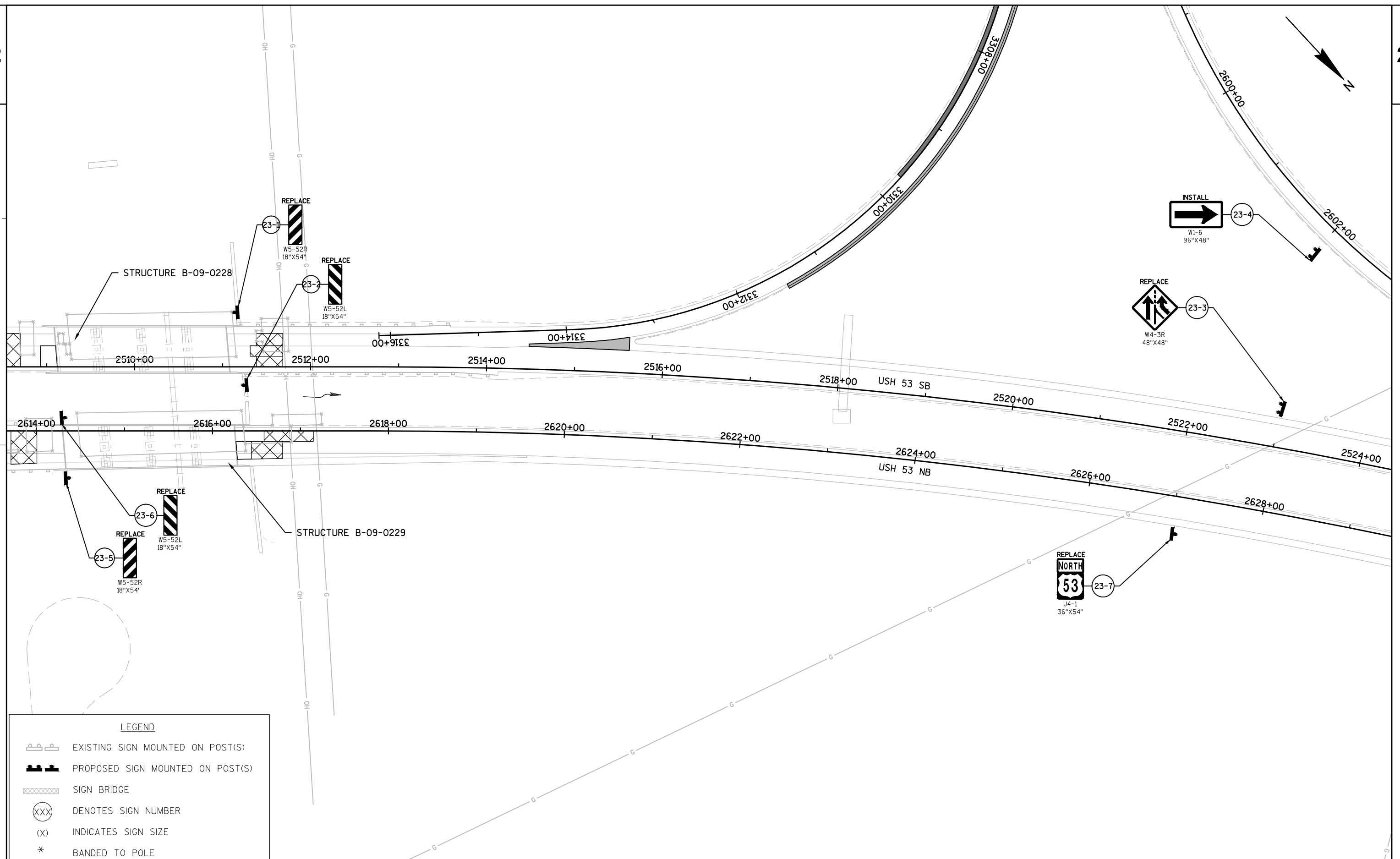
EXIT
30
MPH

W13-2B
48"X90"









PROJECT NO:1190-03-62

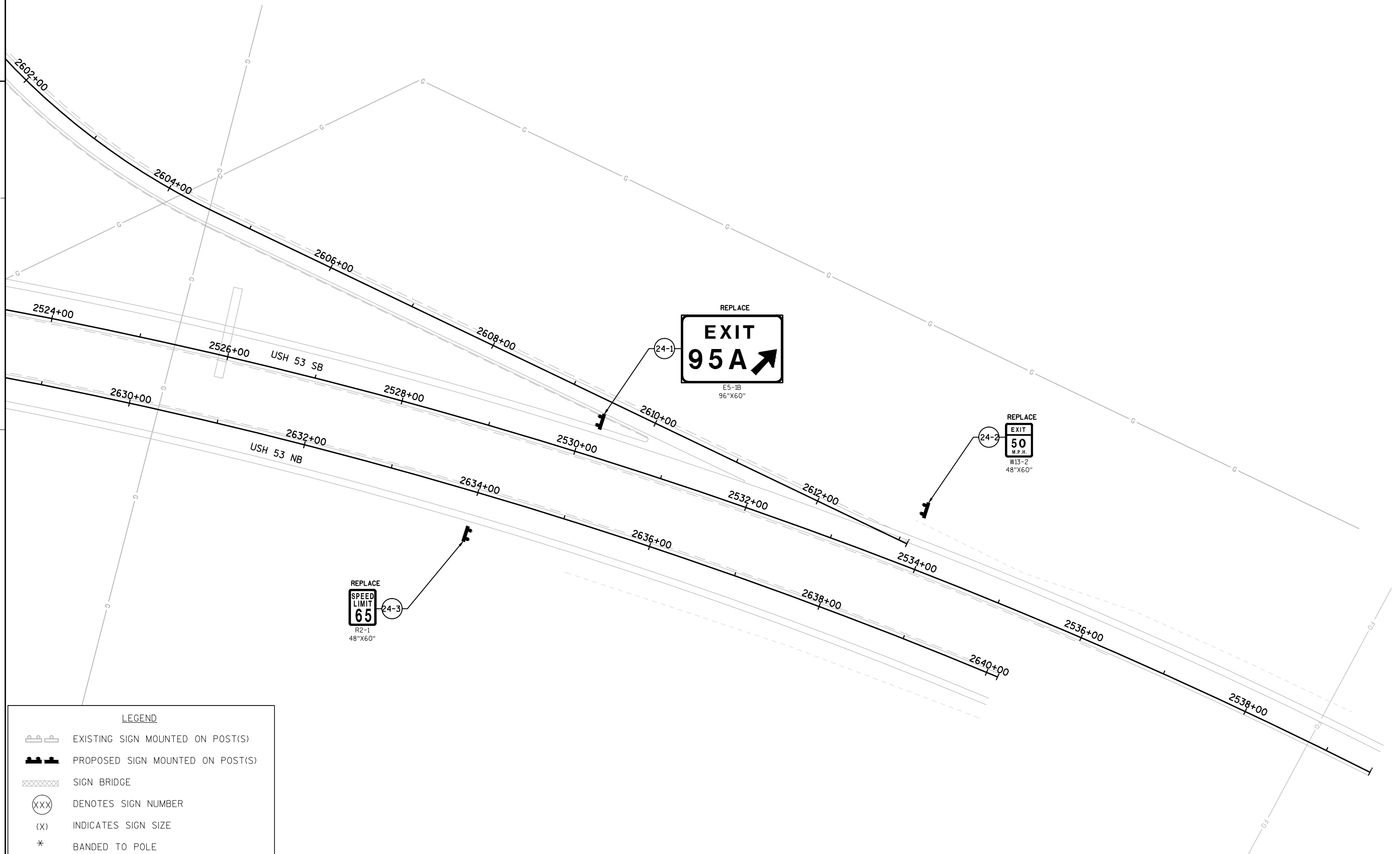
HWY:USH 53

COUNTY:CHIPPEWA

PERMANENT SIGNING

SHEET

E



LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON POST(S)
-  SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE
-  BANDED TO POLE

PROJECT NO:1190-03-62

HWY:USH 53

COUNTY:CHIPPEWA

PERMANENT SIGNING

SHEET

E

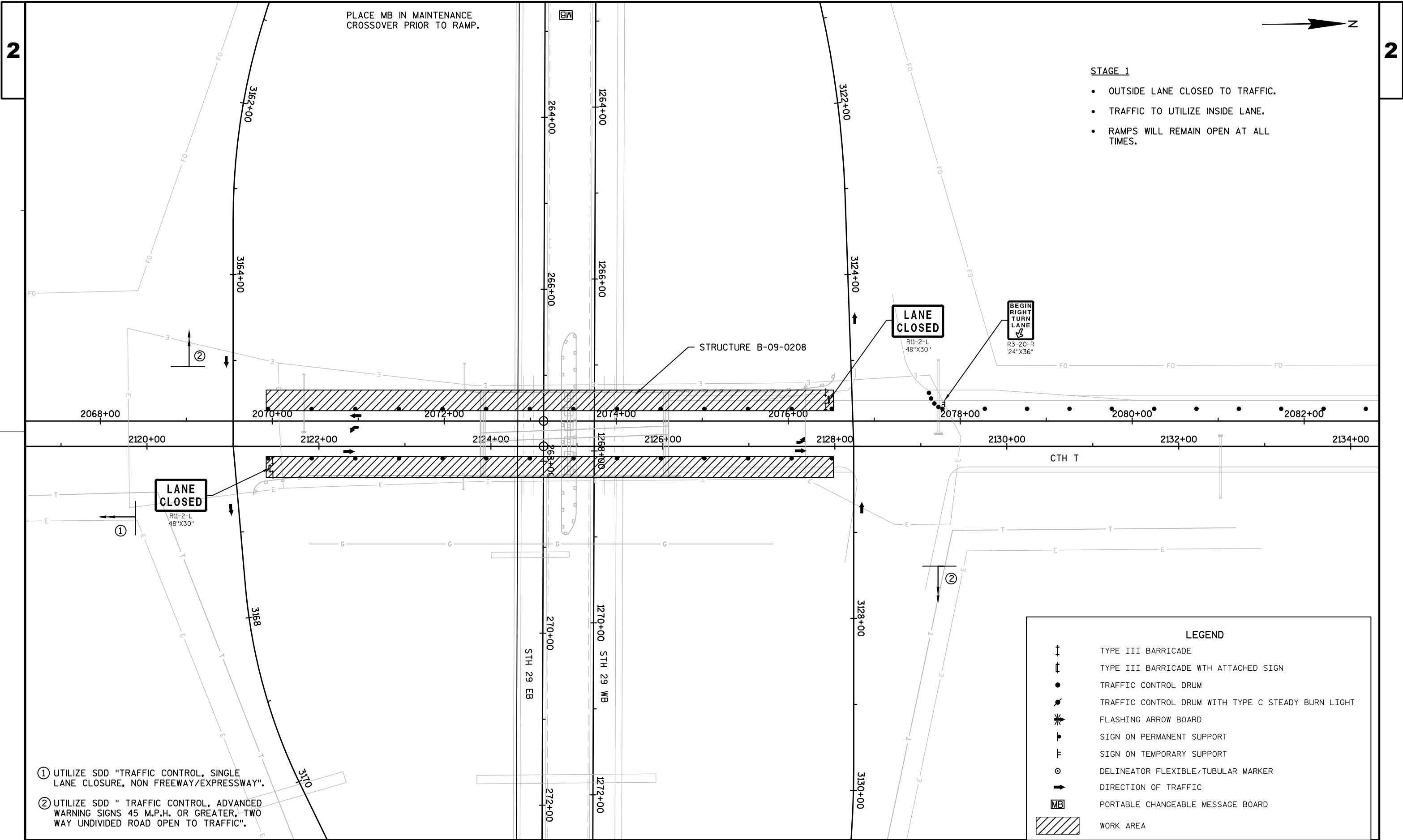
FILE NAME : P:\UZ\W\WITNW\128950\C3D\11900332\SHEETSPLAN\023201 PS.DWG

PLOT DATE : 1/29/2016 11:33 AM

PLOT BY : NICK ENGH

PLOT NAME : PLOT SCALE :

WISDOT/CADDs SHEET 44



PLACE MB IN MAINTENANCE CROSSOVER PRIOR TO RAMP.

STAGE 1

- OUTSIDE LANE CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.
- RAMPS WILL REMAIN OPEN AT ALL TIMES.

- ① UTILIZE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON FREEWAY/EXPRESSWAY".
- ② UTILIZE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

PROJECT NO: 1190-03-62

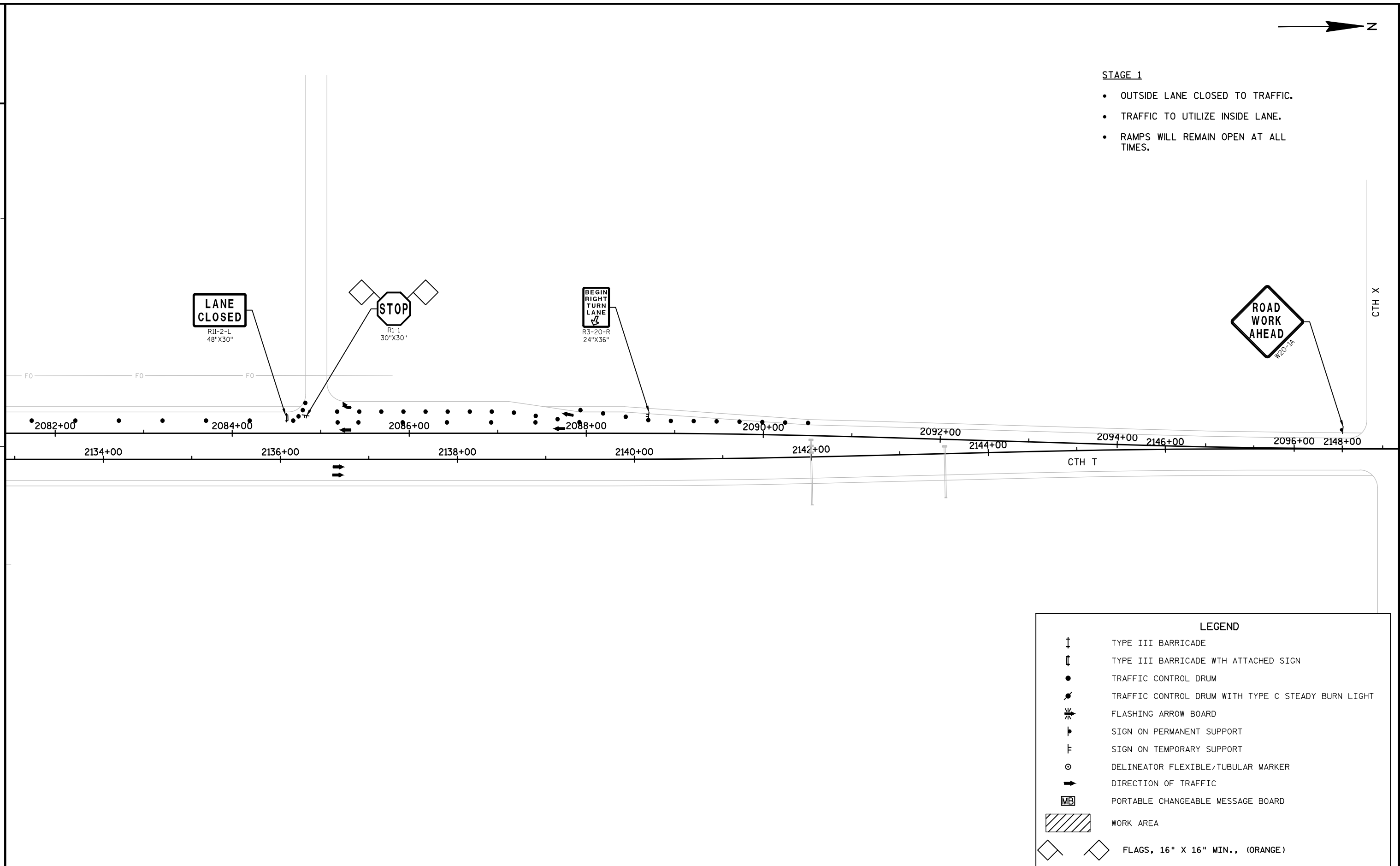
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1 FOR B-09-0208

SHEET

E

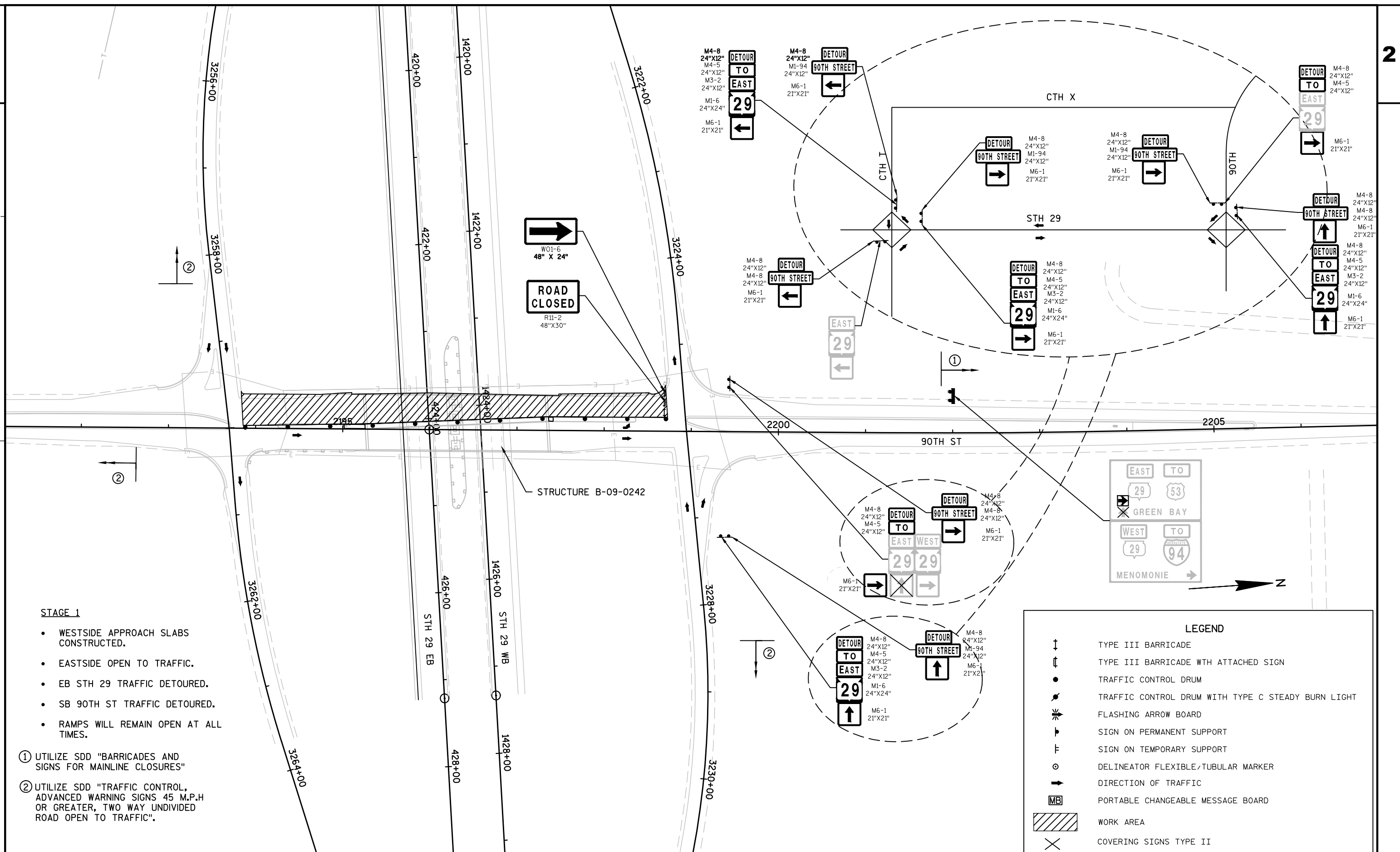


STAGE 1

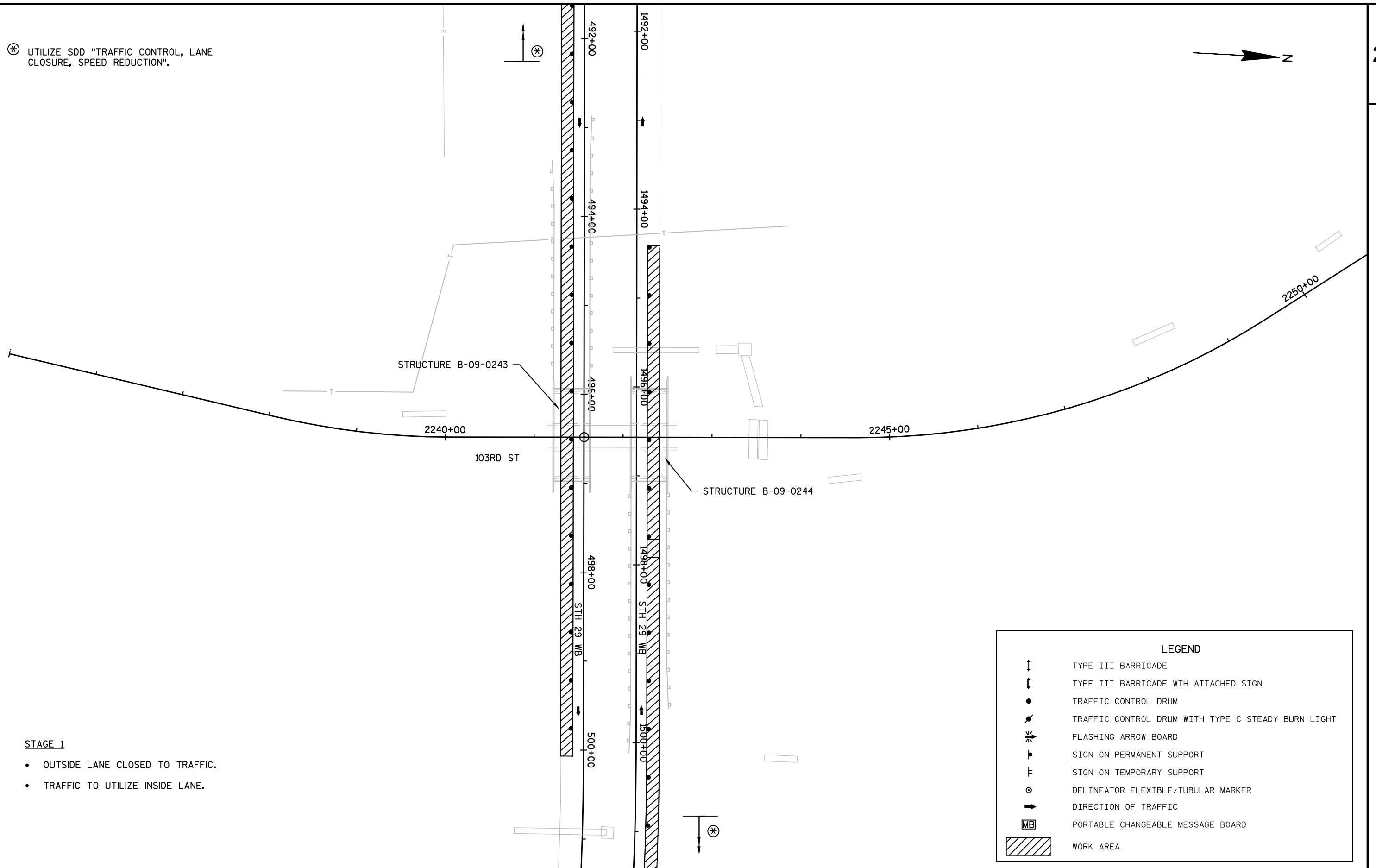
- OUTSIDE LANE CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.
- RAMPS WILL REMAIN OPEN AT ALL TIMES.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- WORK AREA
- FLAGS, 16" X 16" MIN., (ORANGE)



⊗ UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION".

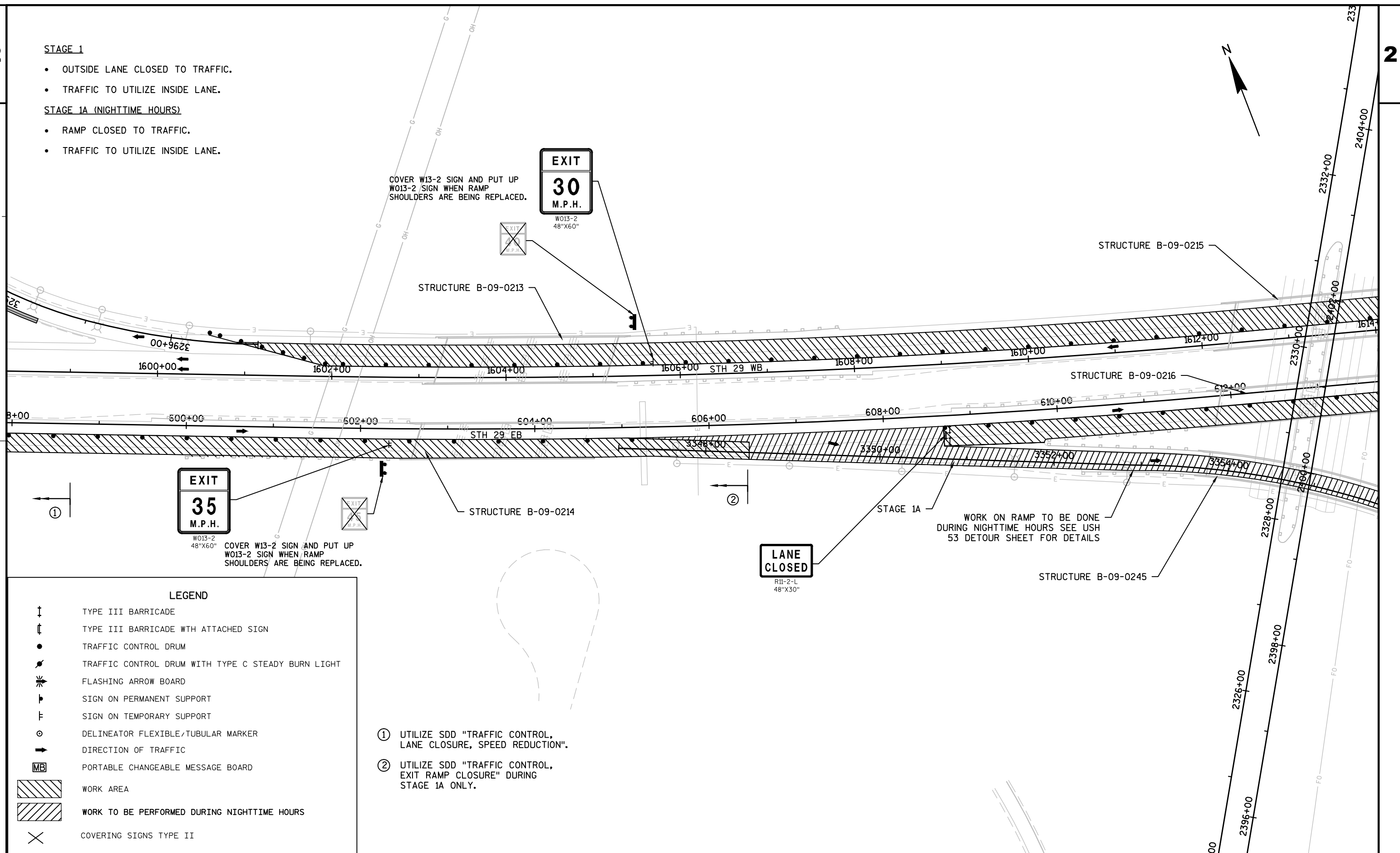


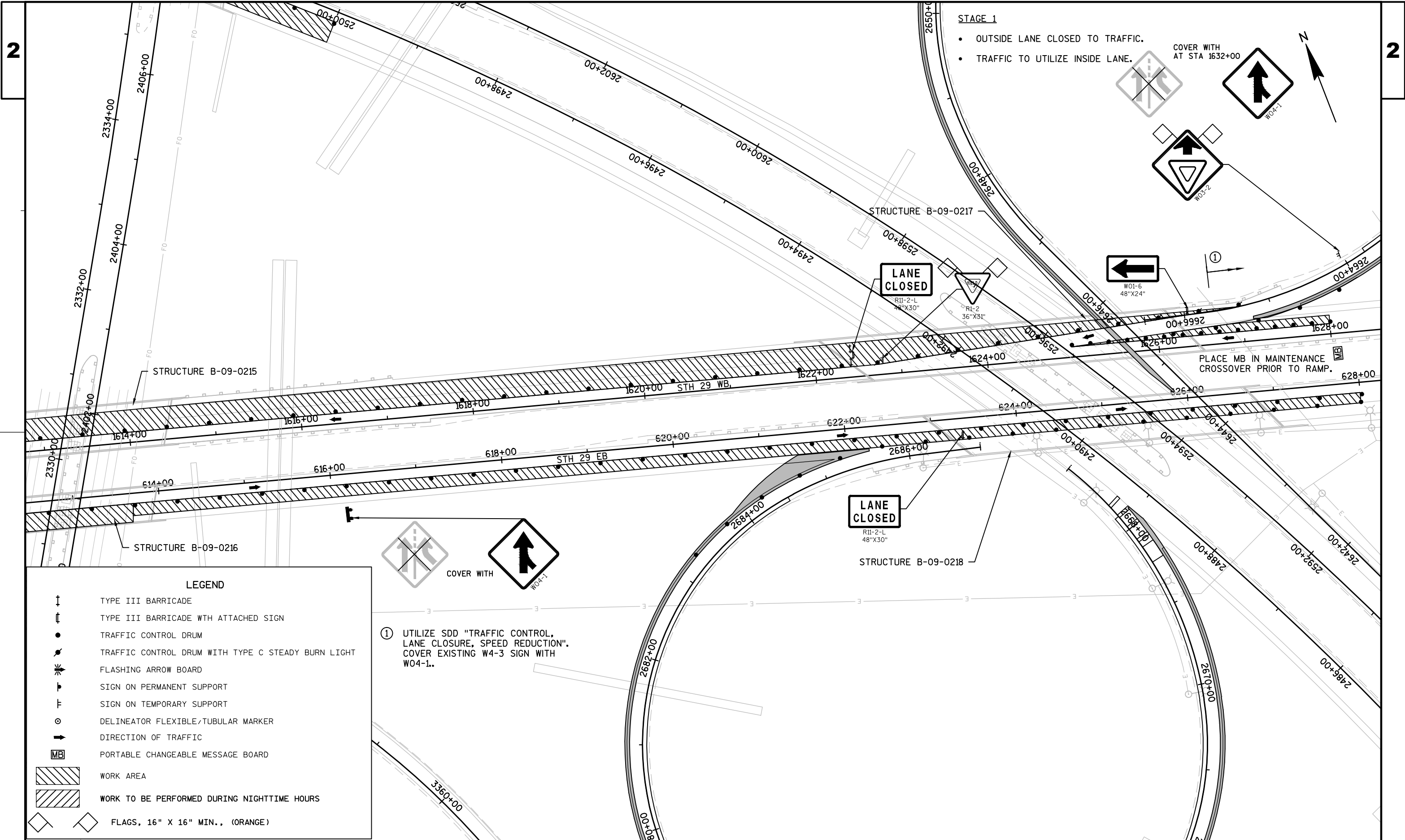
STAGE 1

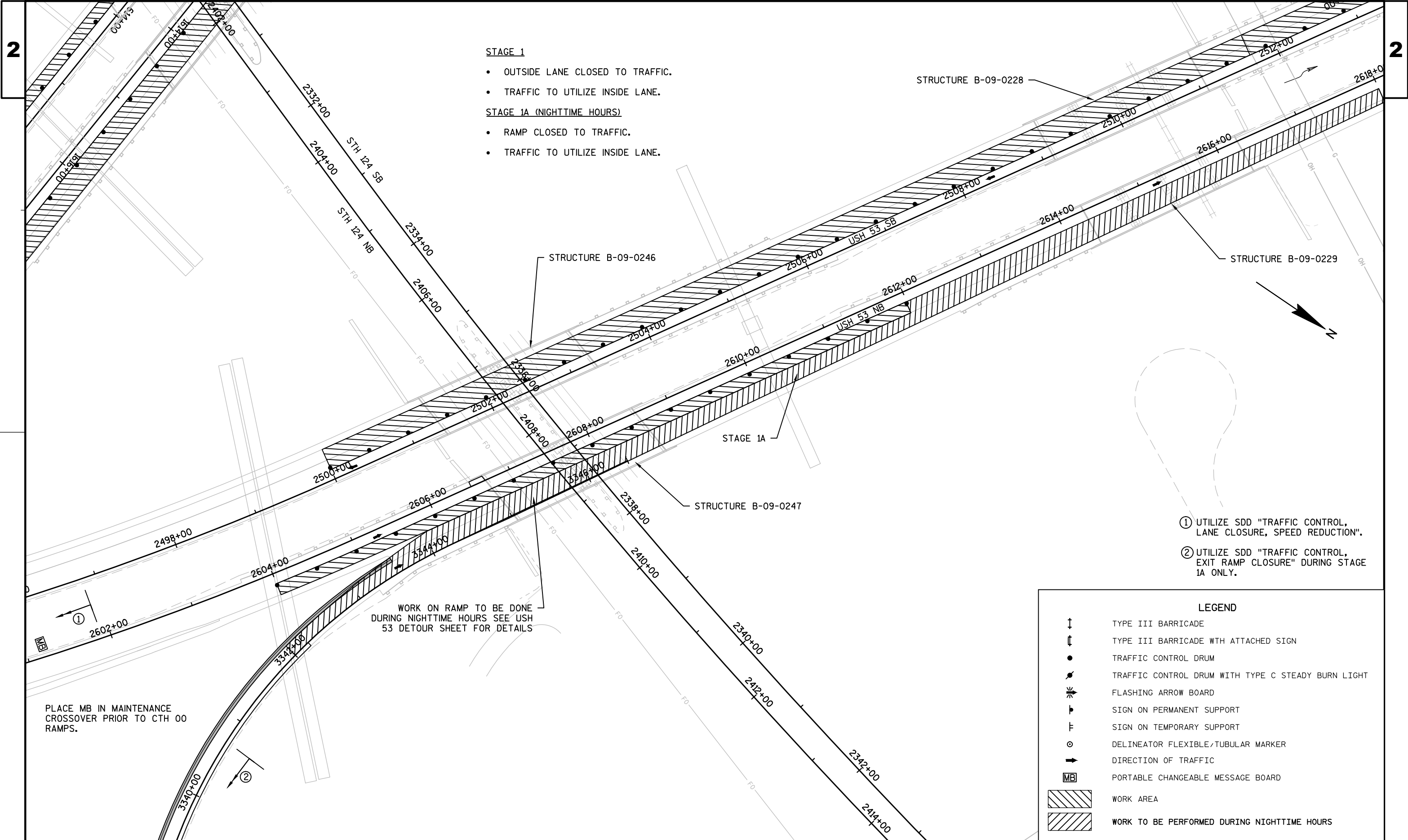
- OUTSIDE LANE CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.

STAGE 1A (NIGHTTIME HOURS)

- RAMP CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.







- STAGE 1**
- OUTSIDE LANE CLOSED TO TRAFFIC.
 - TRAFFIC TO UTILIZE INSIDE LANE.
- STAGE 1A (NIGHTTIME HOURS)**
- RAMP CLOSED TO TRAFFIC.
 - TRAFFIC TO UTILIZE INSIDE LANE.

- ① UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION".
- ② UTILIZE SDD "TRAFFIC CONTROL, EXIT RAMP CLOSURE" DURING STAGE 1A ONLY.

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA
	WORK TO BE PERFORMED DURING NIGHTTIME HOURS

PLACE MB IN MAINTENANCE CROSSOVER PRIOR TO CTH 00 RAMPS.

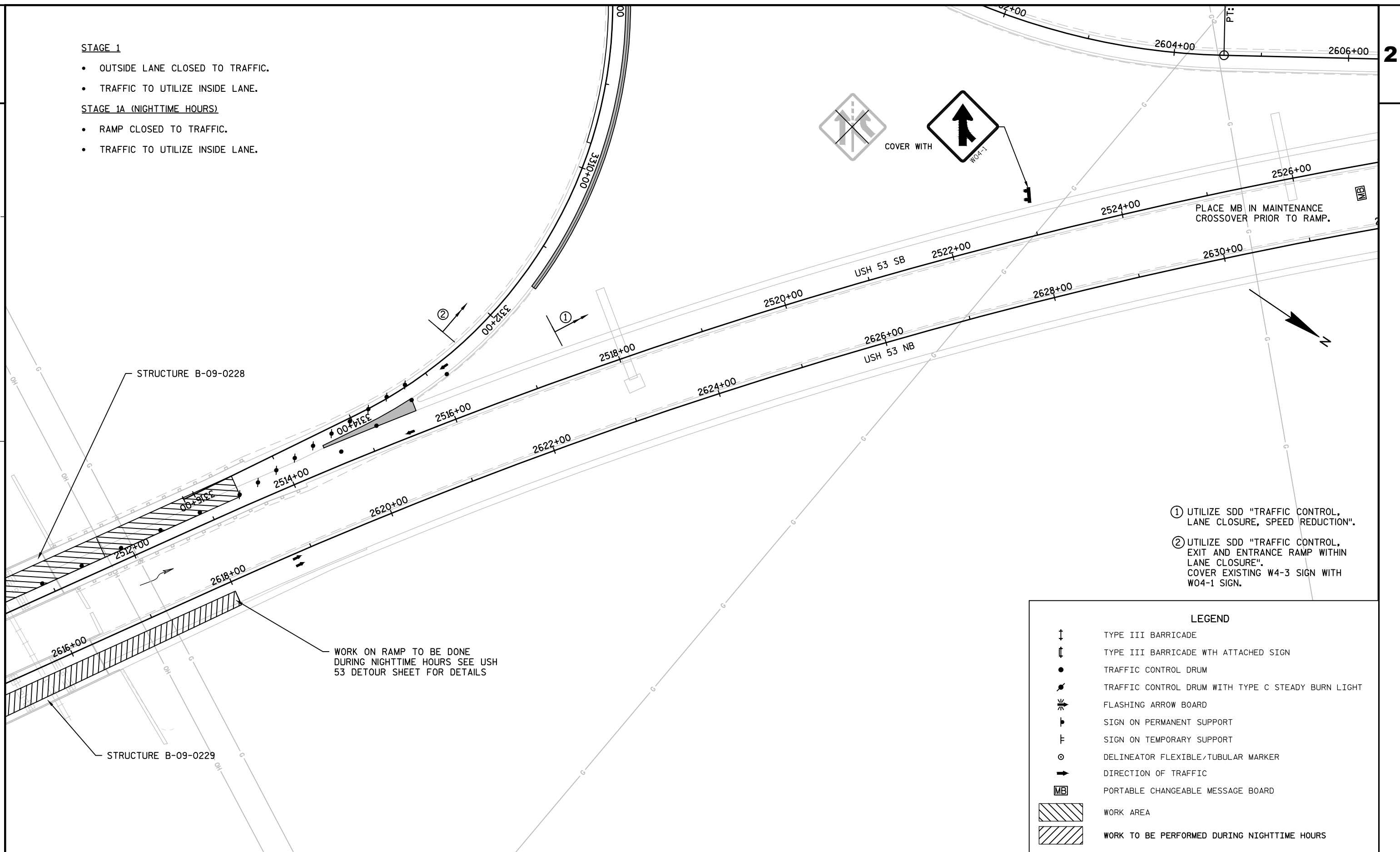
WORK ON RAMP TO BE DONE DURING NIGHTTIME HOURS SEE USH 53 DETOUR SHEET FOR DETAILS

STAGE 1

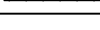
- OUTSIDE LANE CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.

STAGE 1A (NIGHTTIME HOURS)

- RAMP CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.



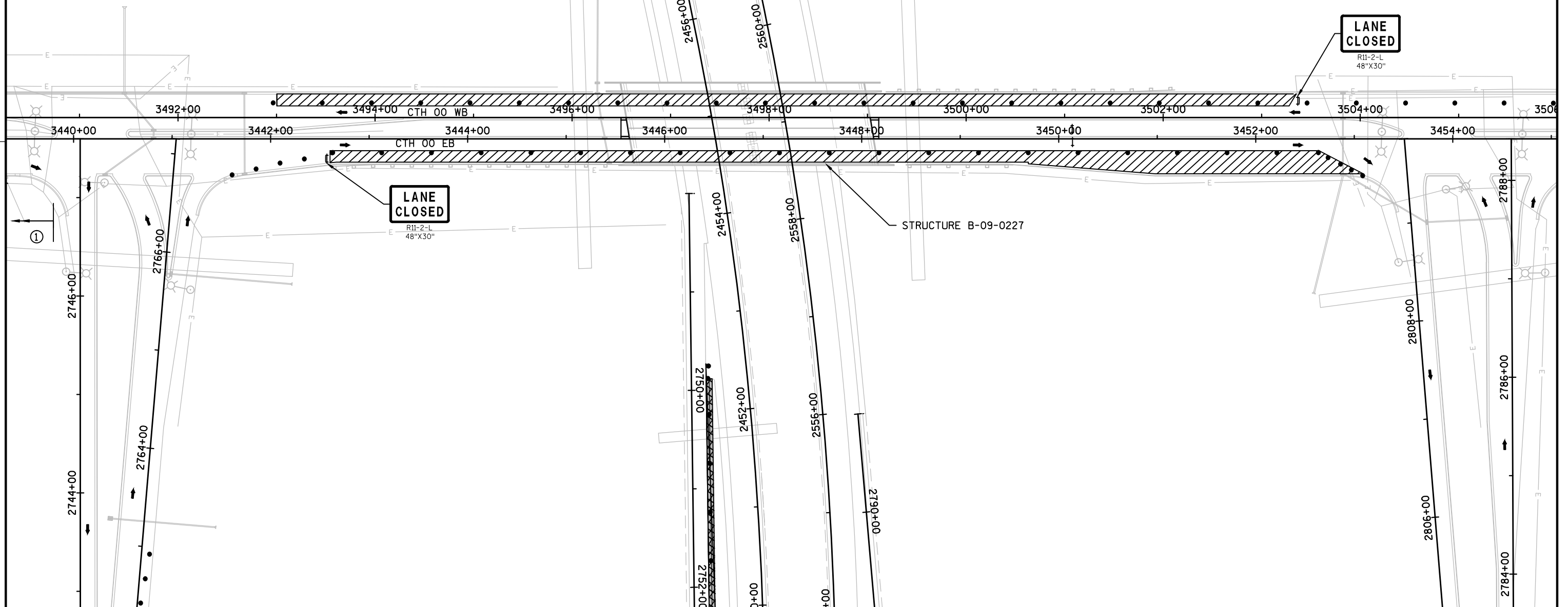
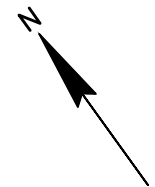
LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

- ① UTILIZE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON FREEWAY/EXPRESSWAY" AND SDD "TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE".

STAGE 1

- OUTSIDE LANE CLOSED TO TRAFFIC.
- TRAFFIC TO UTILIZE INSIDE LANE.



PROJECT NO: 1190-03-62

HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1 FOR B-09-0227

SHEET

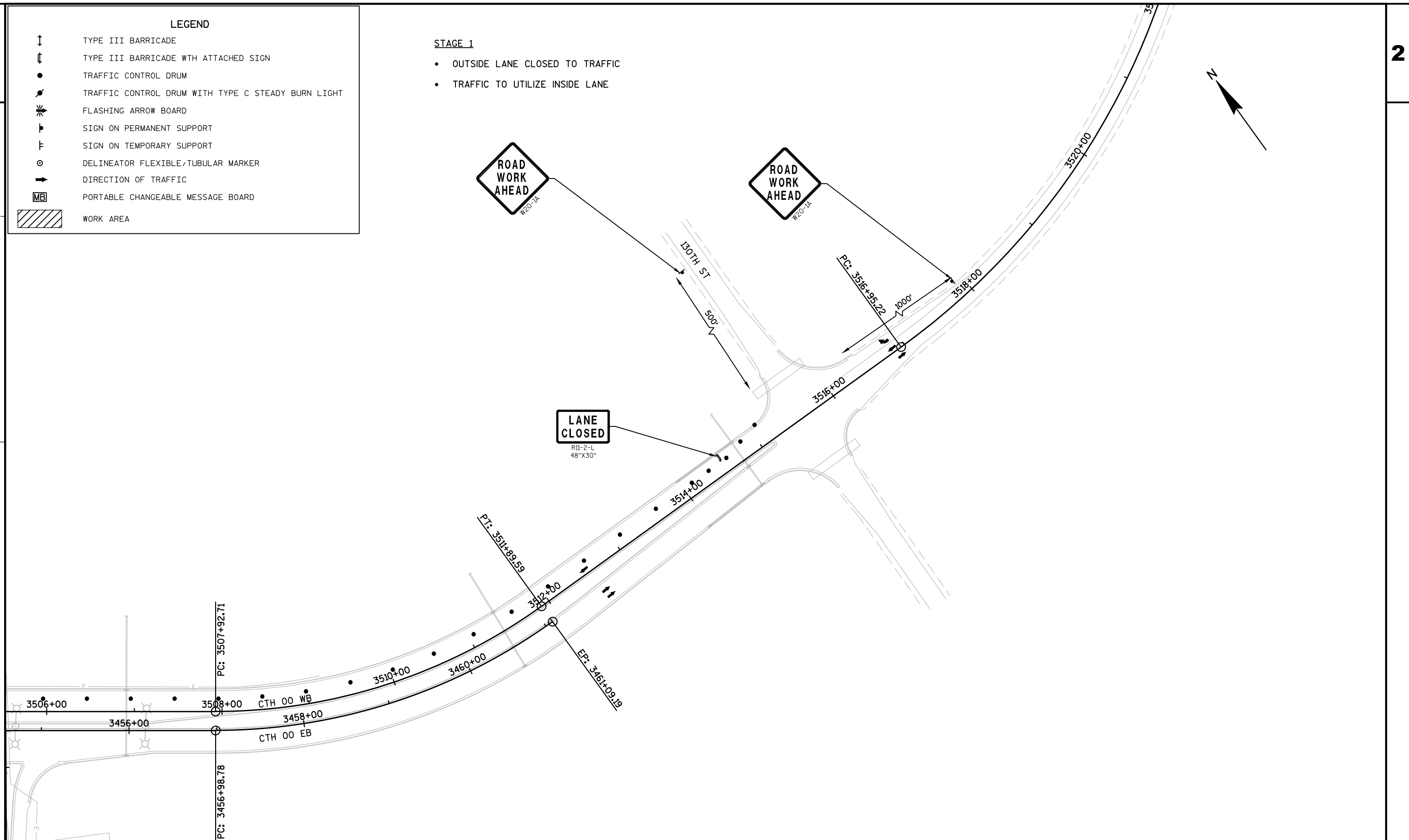
E

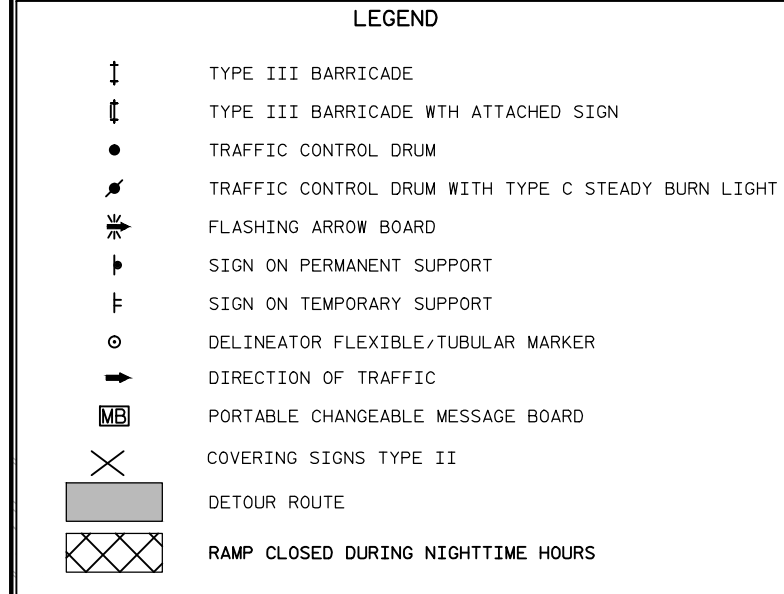
LEGEND

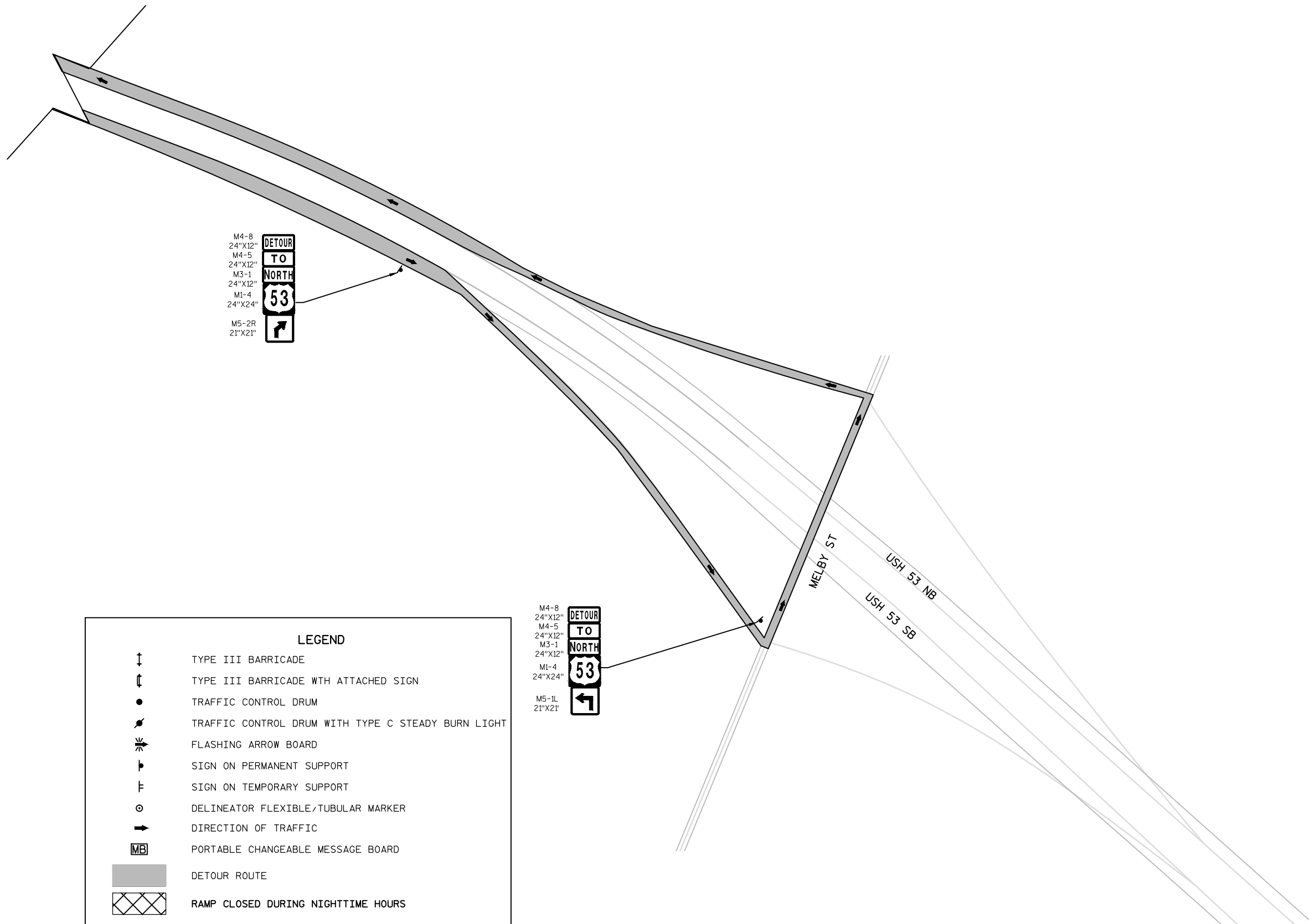
	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

STAGE 1

- OUTSIDE LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE INSIDE LANE







LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	DETOUR ROUTE
	RAMP CLOSED DURING NIGHTTIME HOURS

LEGEND

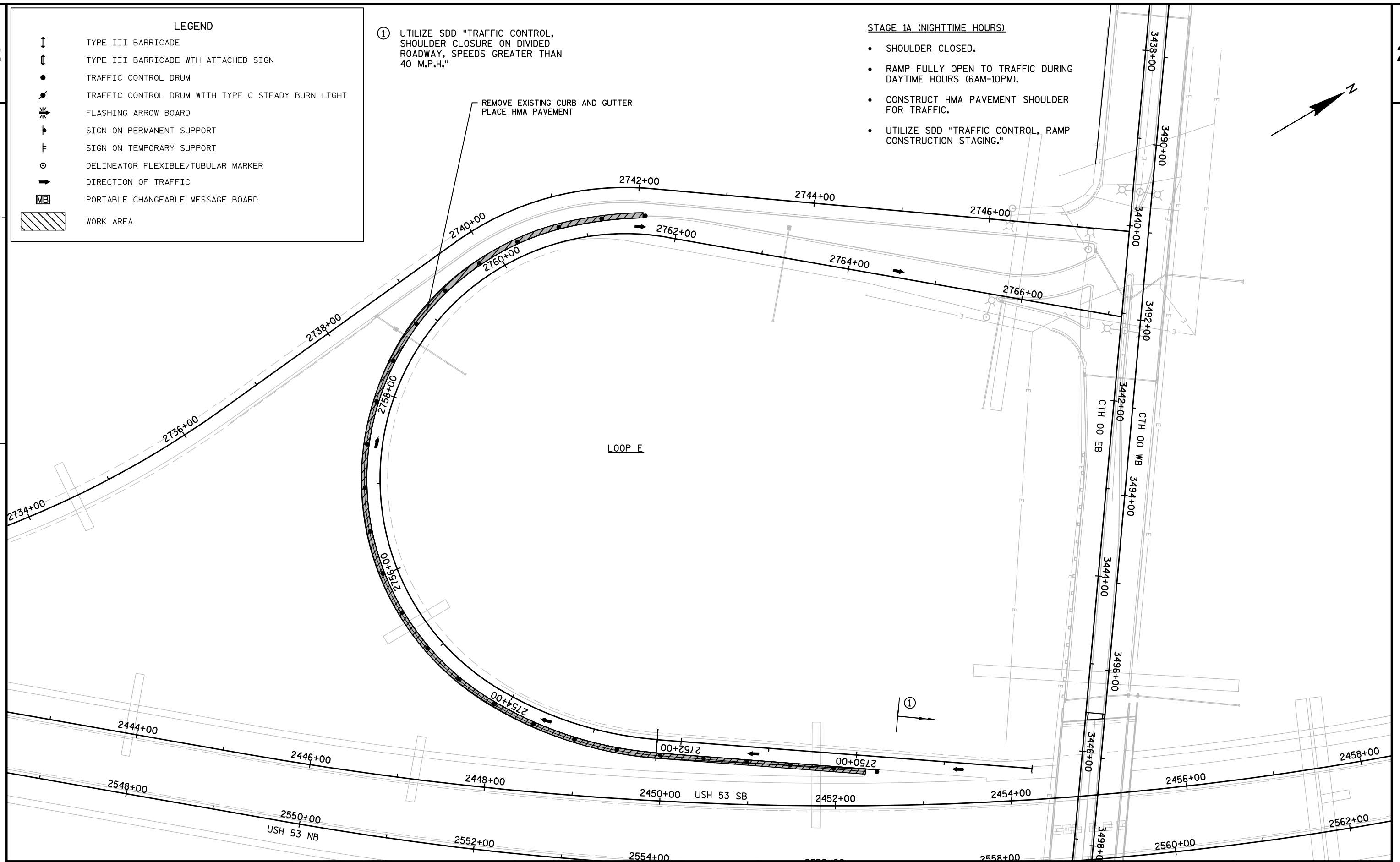
	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

REMOVE EXISTING CURB AND GUTTER
PLACE HMA PAVEMENT

STAGE 1A (NIGHTTIME HOURS)

- SHOULDER CLOSED.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- CONSTRUCT HMA PAVEMENT SHOULDER FOR TRAFFIC.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING."



PROJECT NO: 1190-03-62

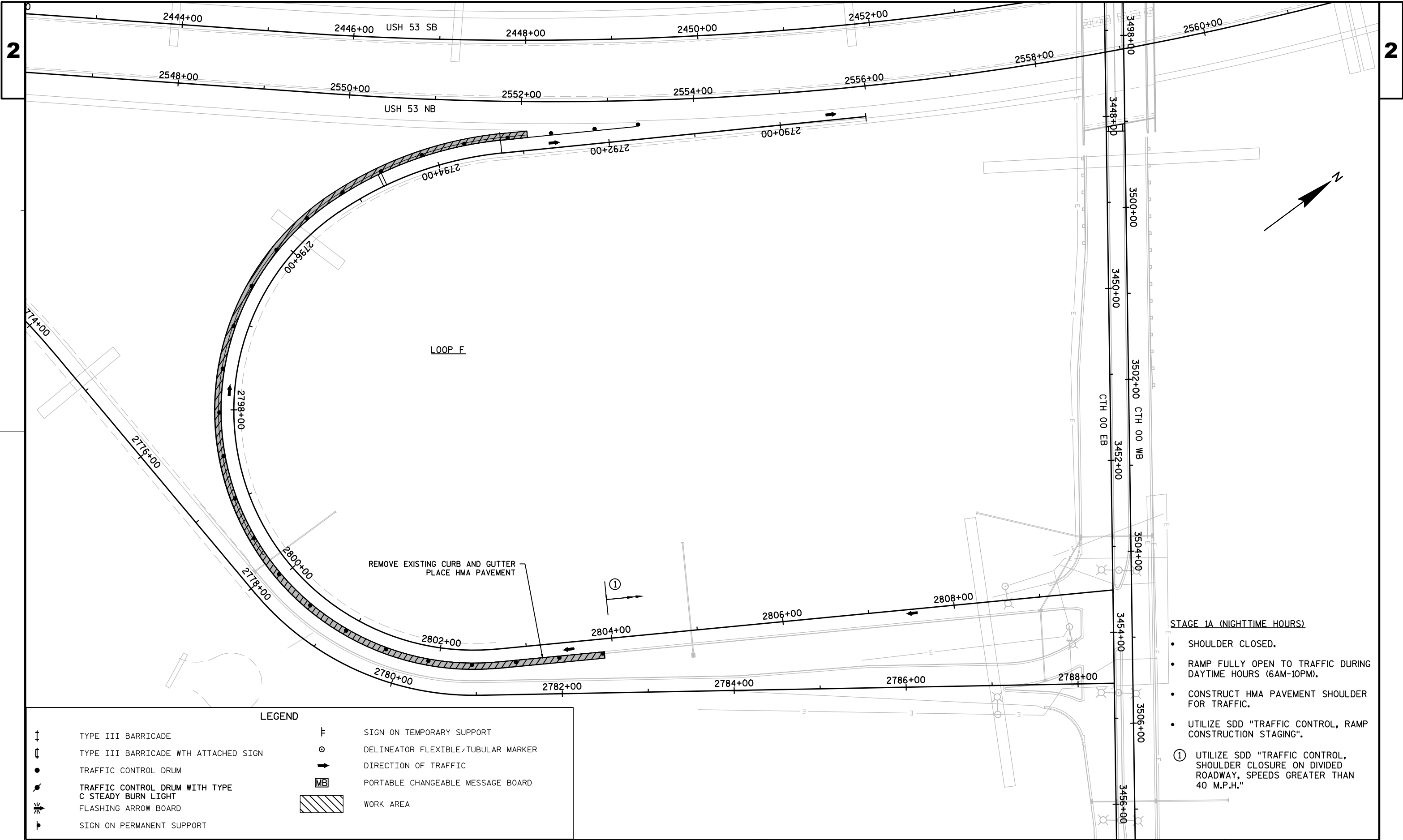
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1A CTH 00 OFF RAMP (LOOP E)

SHEET

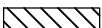
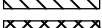
E



LEGEND			
	TYPE III BARRICADE		SIGN ON TEMPORARY SUPPORT
	TYPE III BARRICADE WITH ATTACHED SIGN		DELINEATOR FLEXIBLE/TUBULAR MARKER
	TRAFFIC CONTROL DRUM		DIRECTION OF TRAFFIC
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT		PORTABLE CHANGEABLE MESSAGE BOARD
	FLASHING ARROW BOARD		WORK AREA
	SIGN ON PERMANENT SUPPORT		

- STAGE 1A (NIGHTTIME HOURS)
- SHOULDER CLOSED.
 - RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
 - CONSTRUCT HMA PAVEMENT SHOULDER FOR TRAFFIC.
 - UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING".
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

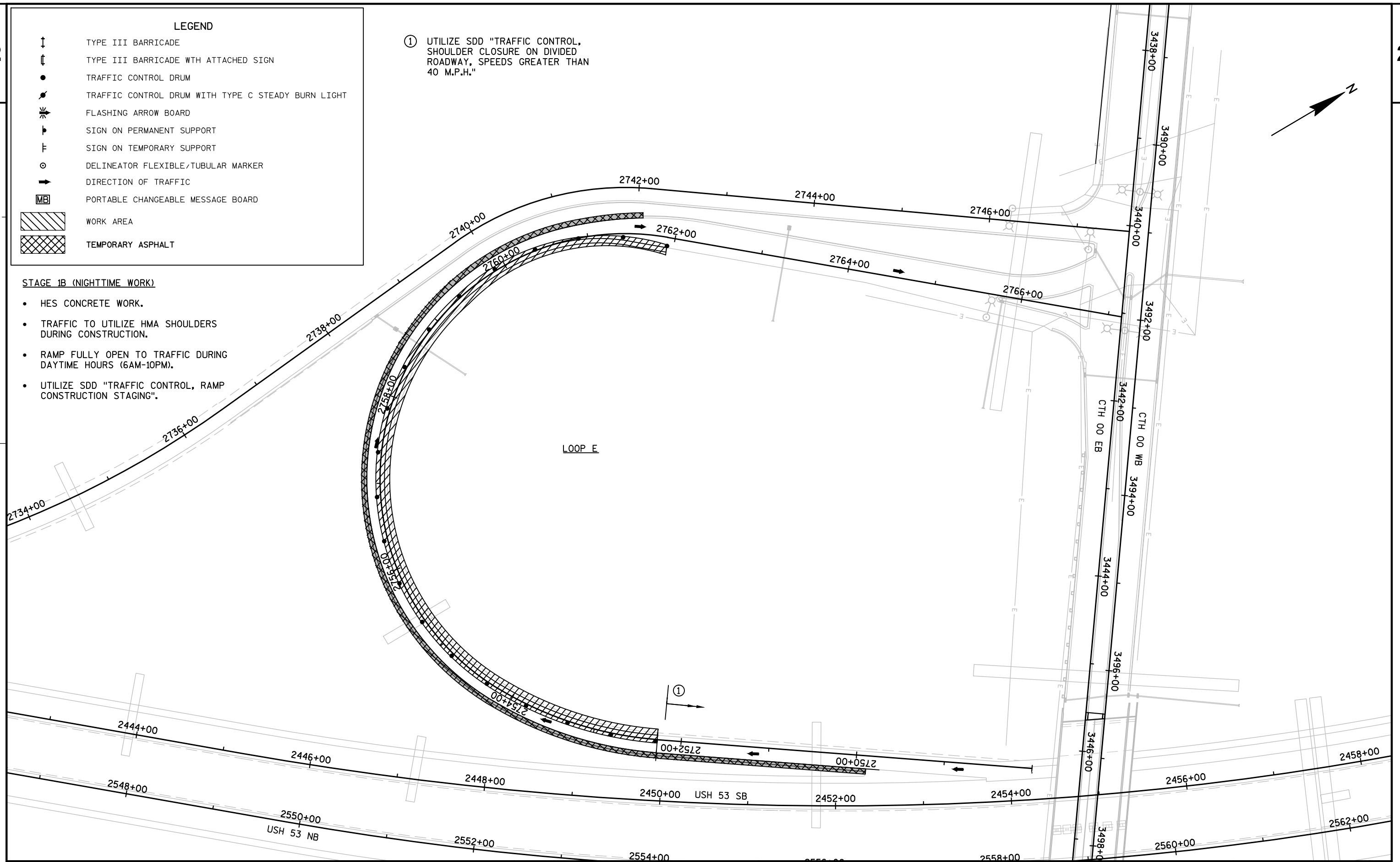
LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA
	TEMPORARY ASPHALT

STAGE 1B (NIGHTTIME WORK)

- HES CONCRETE WORK.
- TRAFFIC TO UTILIZE HMA SHOULDERS DURING CONSTRUCTION.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING".

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."



PROJECT NO: 1190-03-62

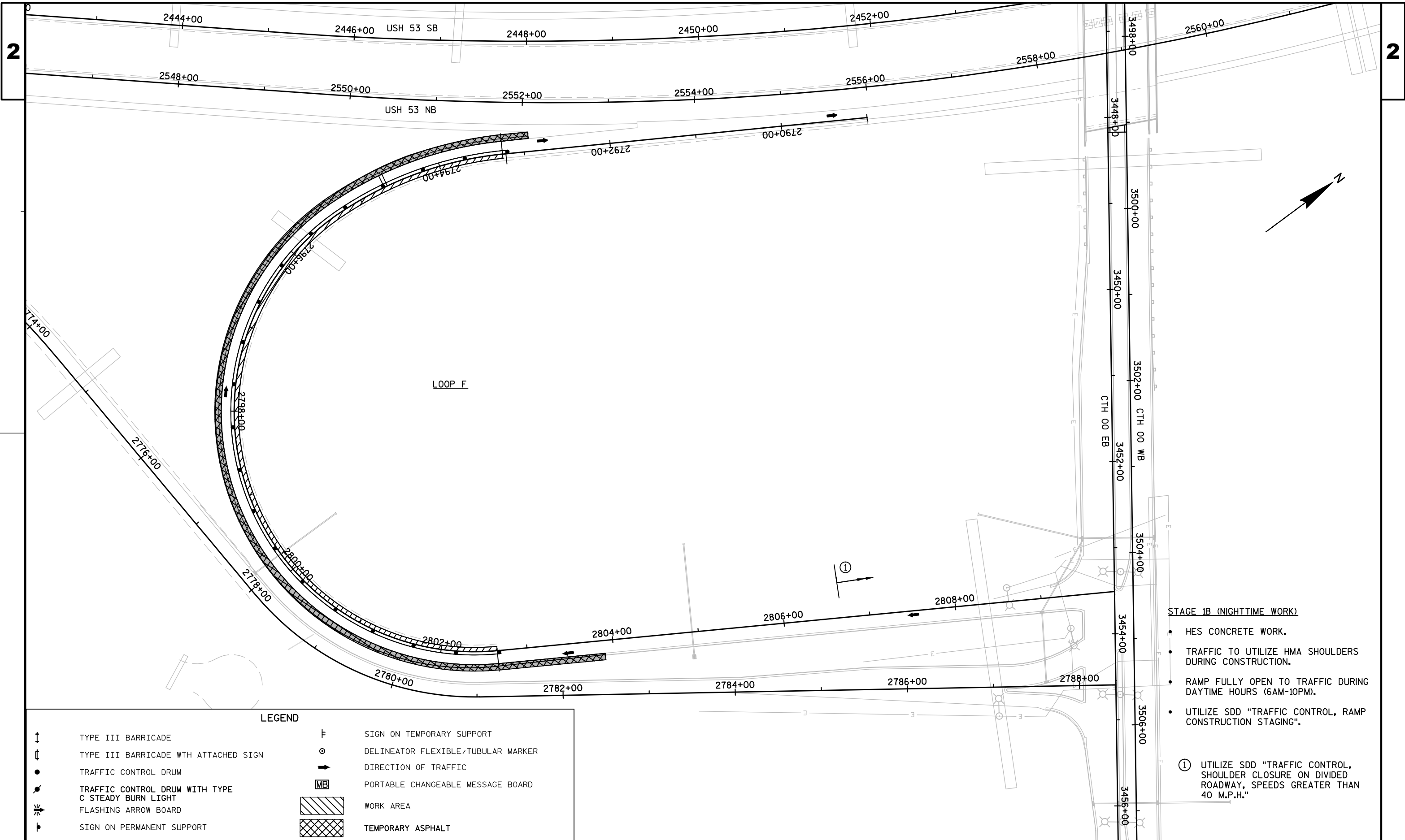
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1B CTH 00 OFF RAMP (LOOP E)

SHEET

E



LEGEND

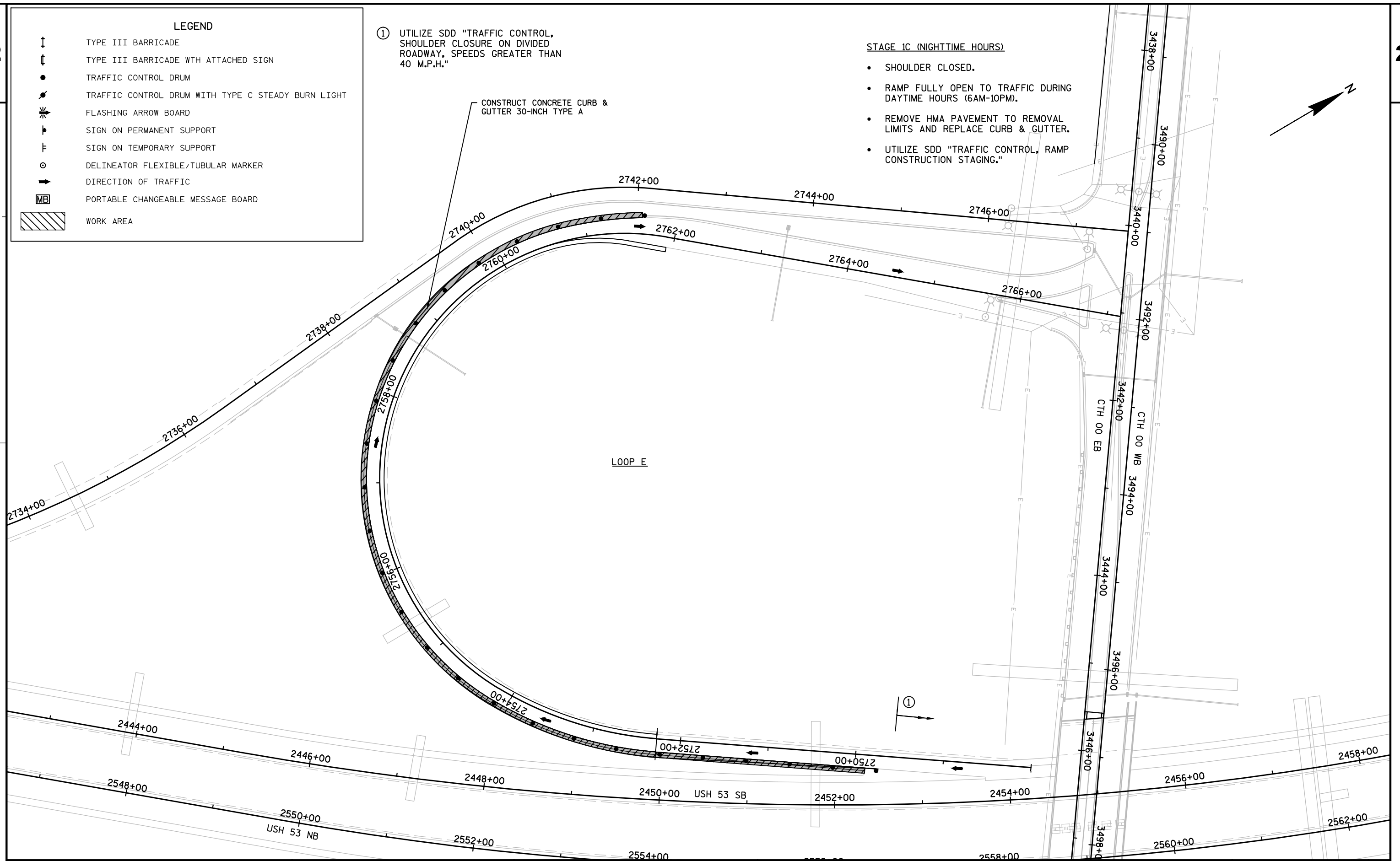
↑	TYPE III BARRICADE
↑	TYPE III BARRICADE WITH ATTACHED SIGN
●	TRAFFIC CONTROL DRUM
●	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
⚡	FLASHING ARROW BOARD
⌋	SIGN ON PERMANENT SUPPORT
⌋	SIGN ON TEMPORARY SUPPORT
○	DELINEATOR FLEXIBLE/TUBULAR MARKER
→	DIRECTION OF TRAFFIC
MB	PORTABLE CHANGEABLE MESSAGE BOARD
▨	WORK AREA

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCT CONCRETE CURB & GUTTER 30-INCH TYPE A

STAGE 1C (NIGHTTIME HOURS)

- SHOULDER CLOSED.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- REMOVE HMA PAVEMENT TO REMOVAL LIMITS AND REPLACE CURB & GUTTER.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING."



PROJECT NO: 1190-03-62

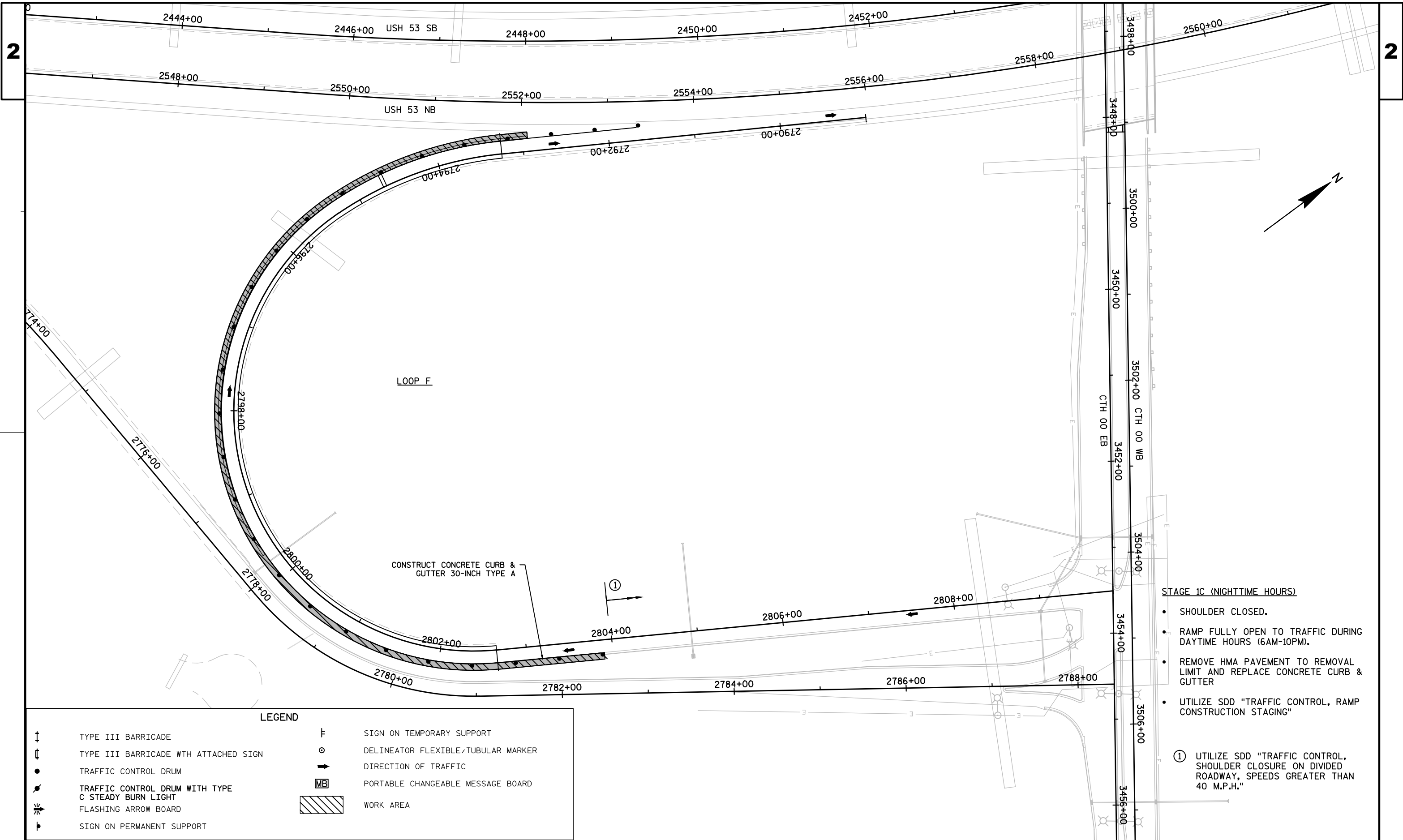
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1C: CTH 00 OFF RAMP (LOOP E)

SHEET

E



PROJECT NO: 1190-03-62

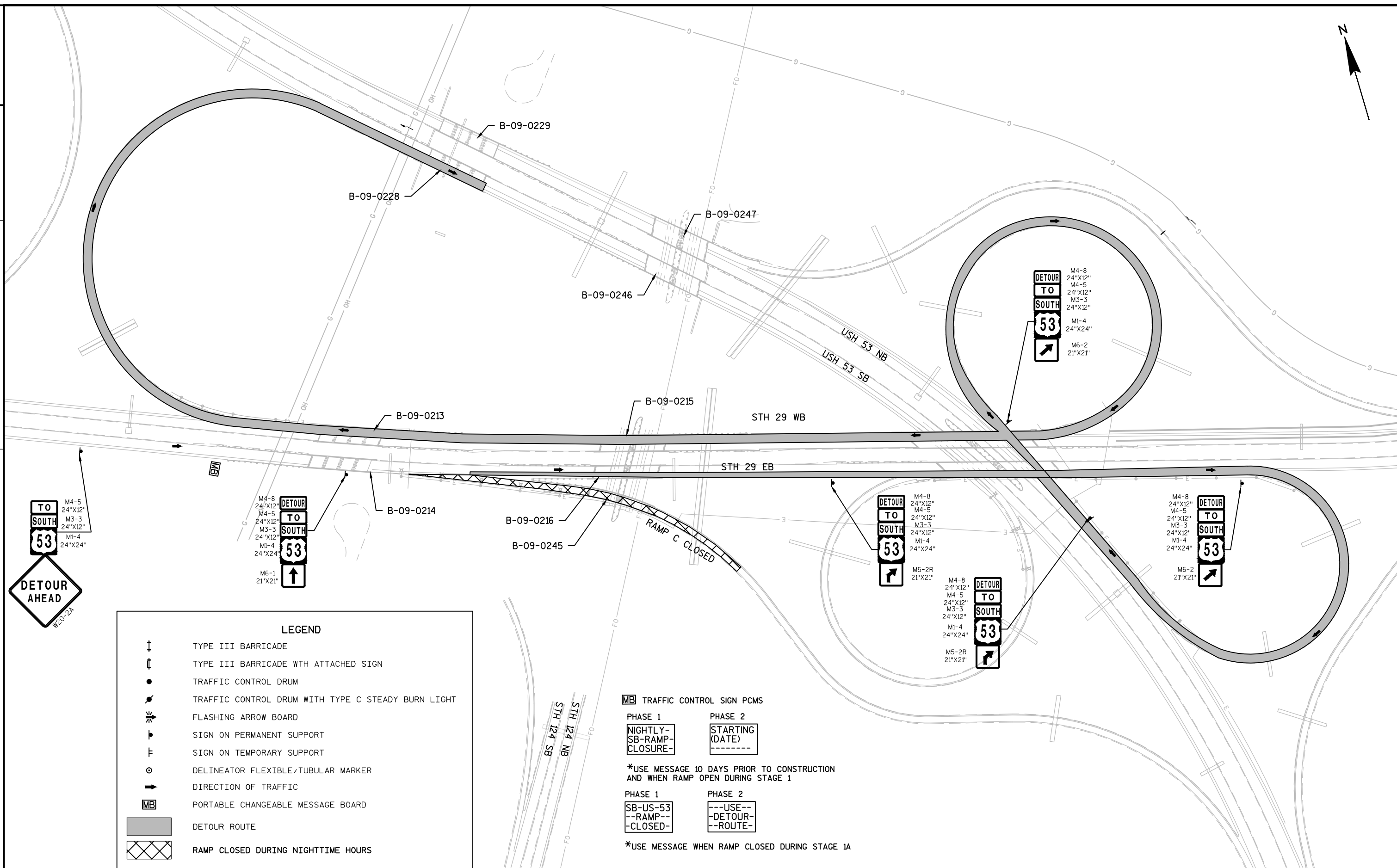
HWY: USH 53

COUNTY: CHIPPEWA

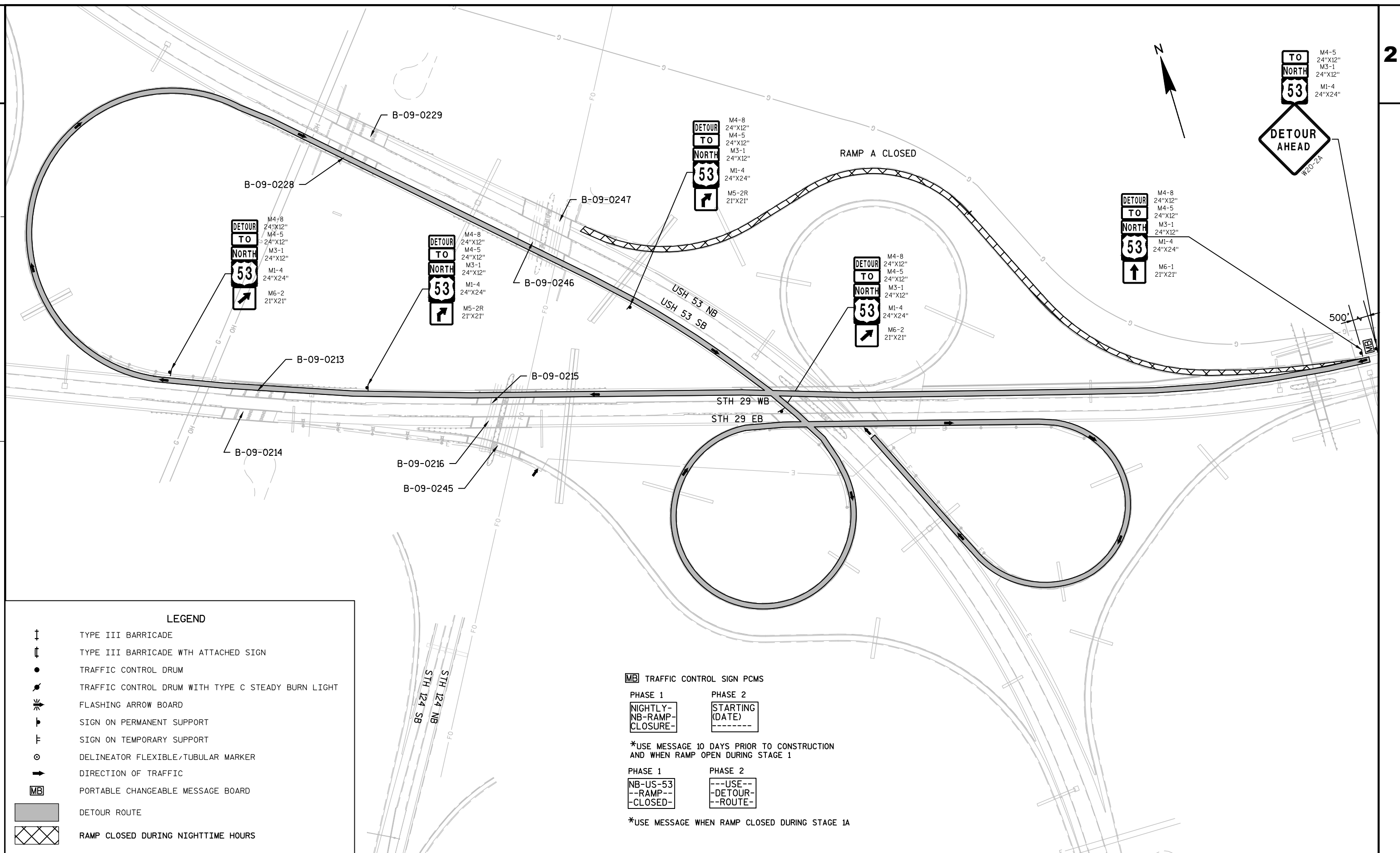
TRAFFIC CONTROL STAGE 1C: CTH 00 ON RAMP (LOOP F)

SHEET

E







LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- DETOUR ROUTE
- RAMP CLOSED DURING NIGHTTIME HOURS

TRAFFIC CONTROL SIGN PCMS

PHASE 1

NIGHTLY-
NB-RAMP-
CLOSURE-

PHASE 2

STARTING
(DATE)
-----*USE MESSAGE 10 DAYS PRIOR TO CONSTRUCTION
AND WHEN RAMP OPEN DURING STAGE 1

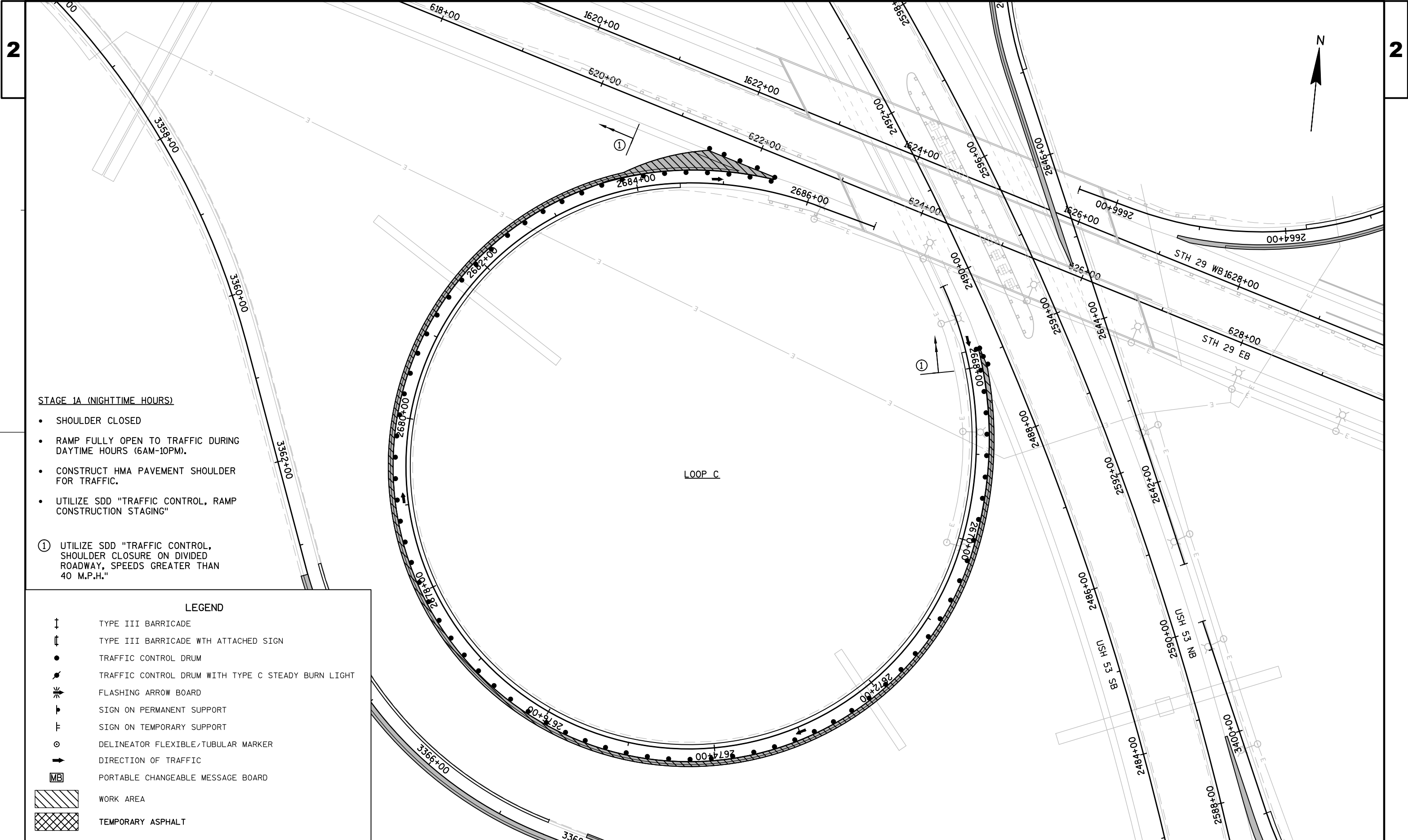
PHASE 1

NB-US-53
--RAMP--
-CLOSED-

PHASE 2

--USE--
-DETOUR-
--ROUTE-

*USE MESSAGE WHEN RAMP CLOSED DURING STAGE 1A



STAGE 1A (NIGHTTIME HOURS)

- SHOULDER CLOSED
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- CONSTRUCT HMA PAVEMENT SHOULDER FOR TRAFFIC.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- † TYPE III BARRICADE
- †† TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ↔ FLASHING ARROW BOARD
- ⊥ SIGN ON PERMANENT SUPPORT
- ⊥ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA
- ▩ TEMPORARY ASPHALT

PROJECT NO: 1190-03-62

HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1A FOR SW STH 29/USH 53 LOOP C

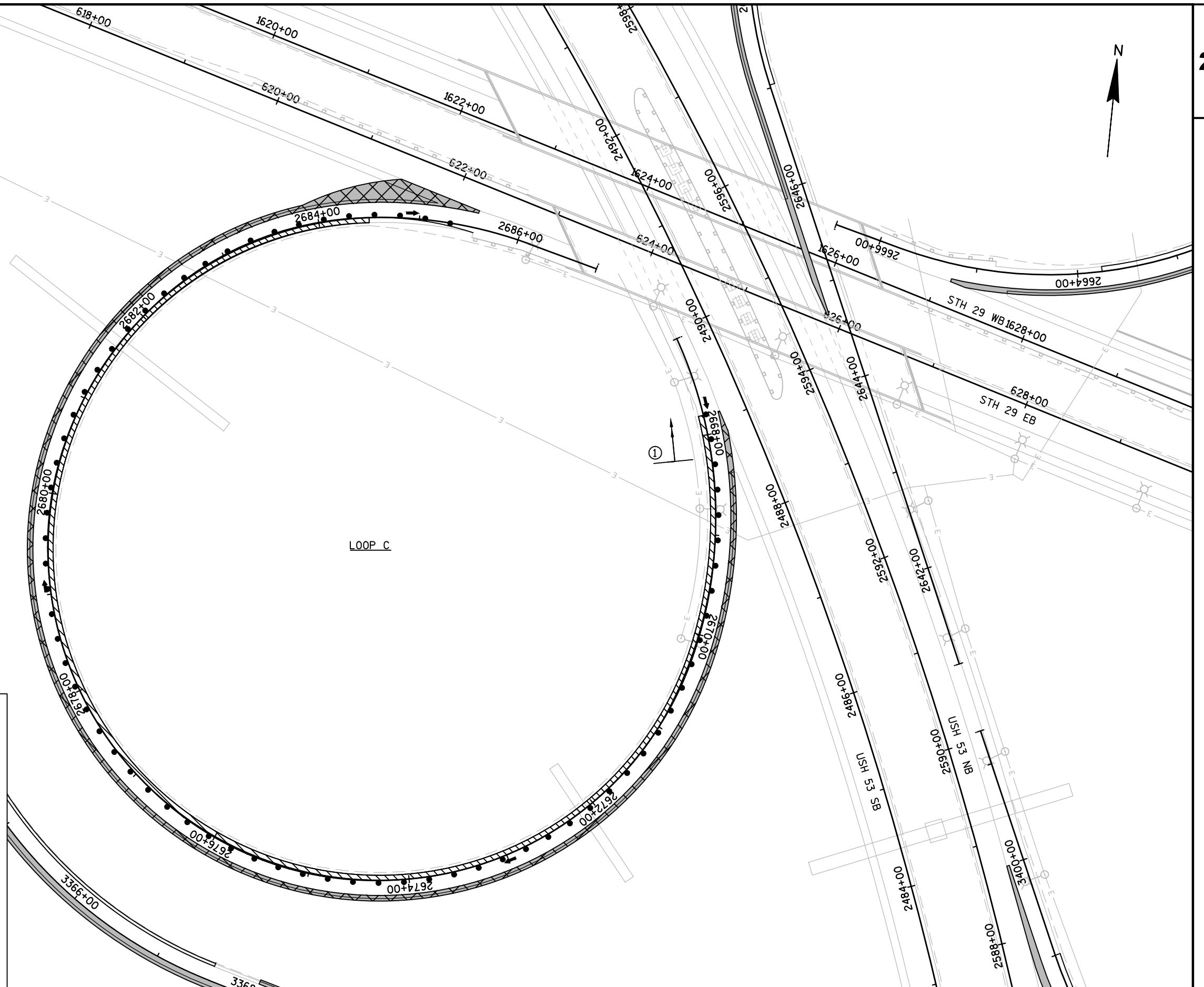
SHEET

E

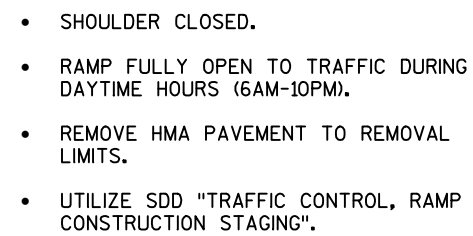
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- | | |
|---|--|
|  | TYPE III BARRICADE |
|  | TYPE III BARRICADE WTH ATTACHED SIGN |
|  | TRAFFIC CONTROL DRUM |
|  | TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT |
|  | FLASHING ARROW BOARD |
|  | SIGN ON PERMANENT SUPPORT |
|  | SIGN ON TEMPORARY SUPPORT |
|  | DELINEATOR FLEXIBLE/TUBULAR MARKER |
|  | DIRECTION OF TRAFFIC |
|  | PORTABLE CHANGEABLE MESSAGE BOARD |
|  | WORK AREA |
|  | TEMPORARY ASPHALT |



2



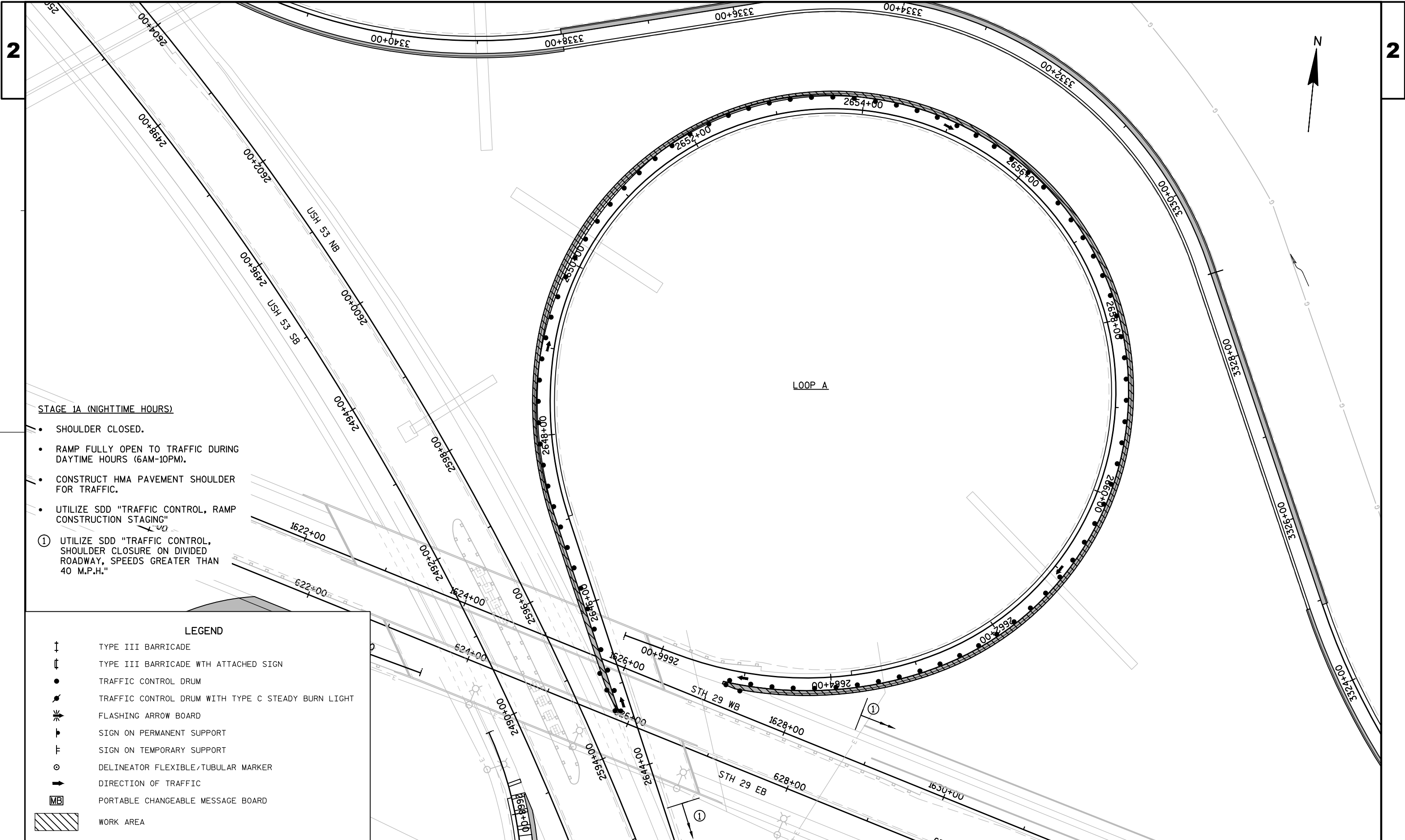
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA



WISDOT/CADDS SHEET 42



STAGE 1A (NIGHTTIME HOURS)

- SHOULDER CLOSED.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- CONSTRUCT HMA PAVEMENT SHOULDER FOR TRAFFIC.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- † TYPE III BARRICADE
- †† TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ⚡ FLASHING ARROW BOARD
- ▤ SIGN ON PERMANENT SUPPORT
- ▥ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA

PROJECT NO: 1190-03-62

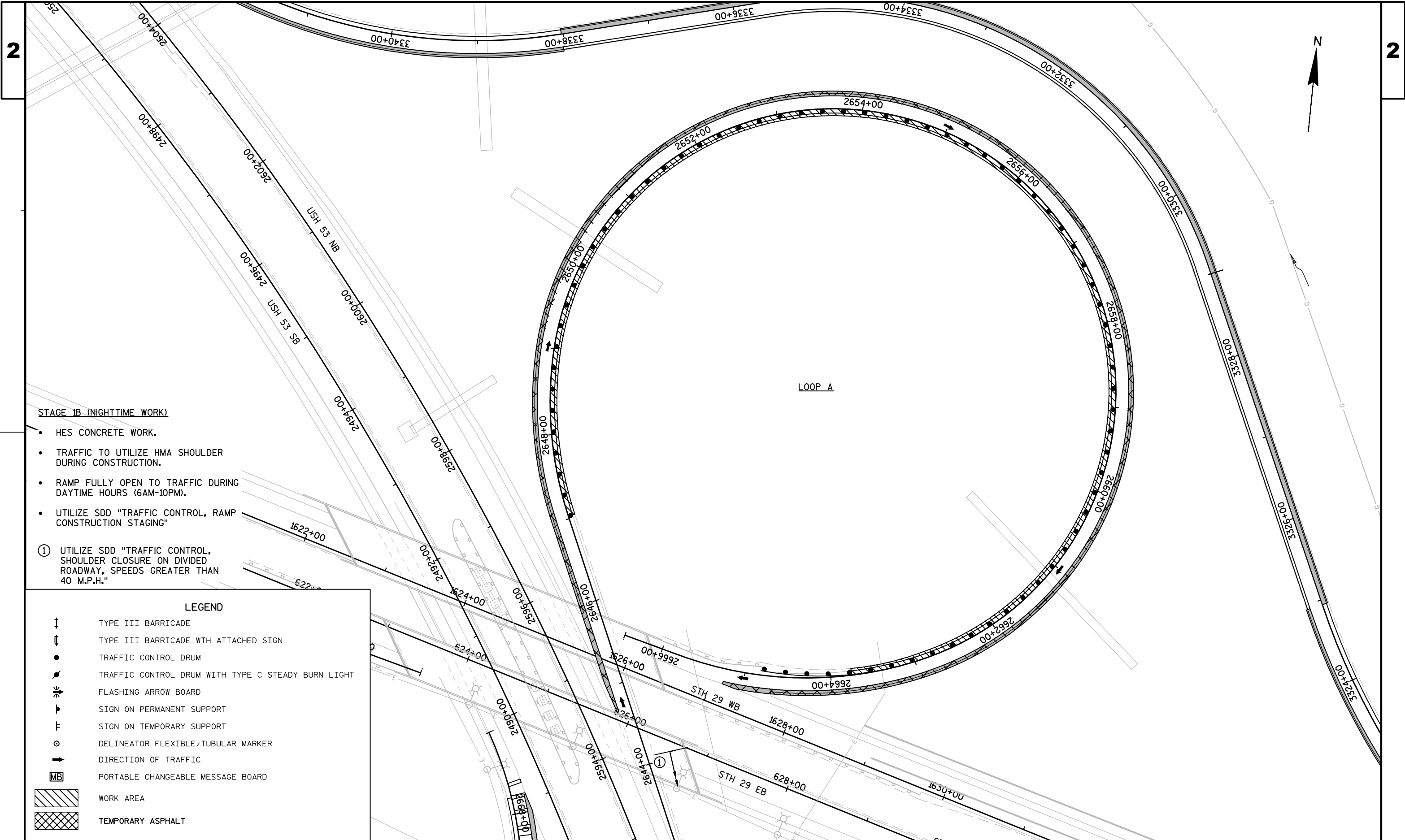
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1A FOR NE STH 29/USH 53 LOOP A

SHEET

E



STAGE 1B (NIGHTTIME WORK)

- HES CONCRETE WORK.
- TRAFFIC TO UTILIZE HMA SHOULDER DURING CONSTRUCTION.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- ⊥ TYPE III BARRICADE
- ⊥ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ↔ FLASHING ARROW BOARD
- ⊥ SIGN ON PERMANENT SUPPORT
- ⊥ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA
- ▩ TEMPORARY ASPHALT

PROJECT NO: 1190-03-62

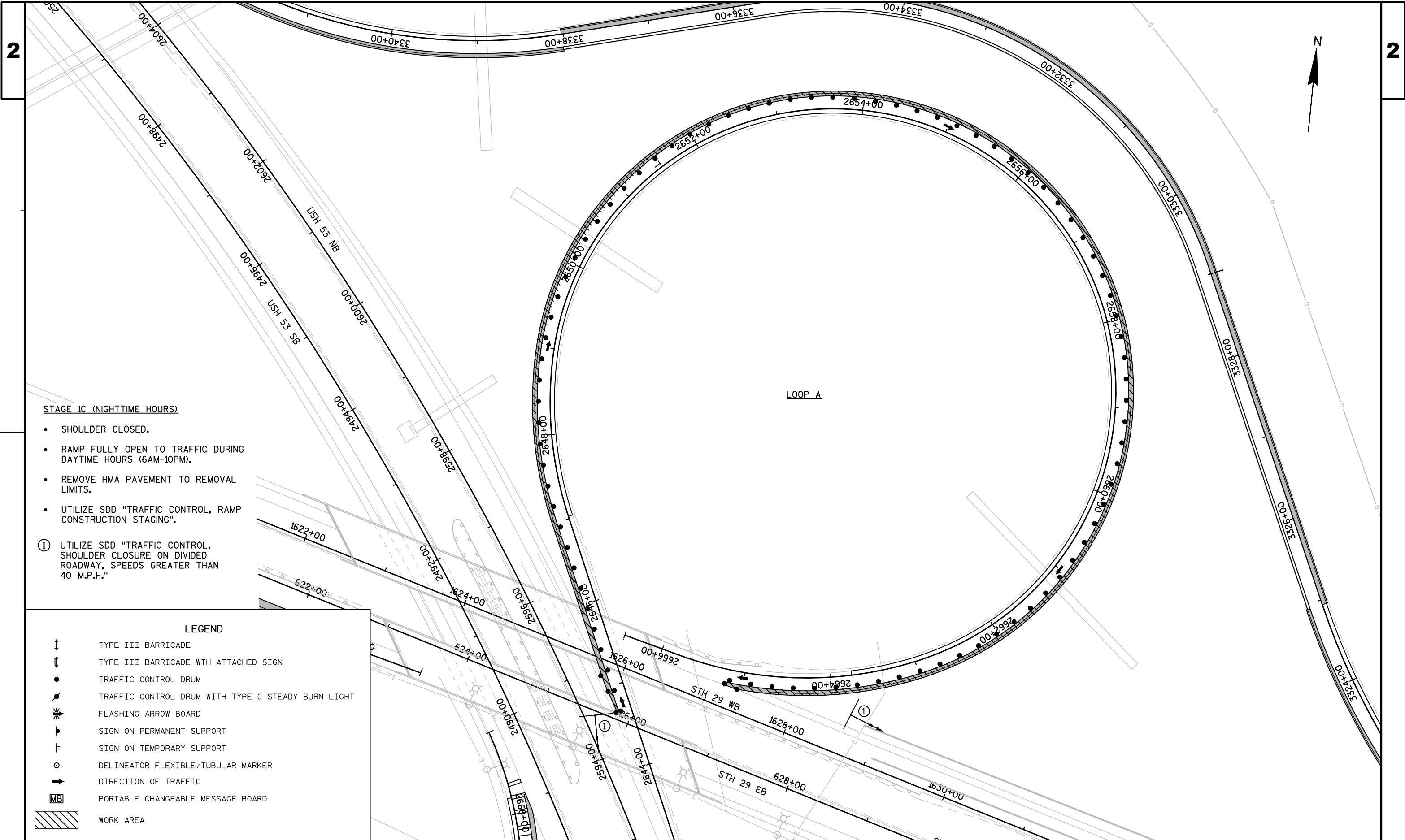
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1B FOR NE STH 29/USH 53 LOOP A

SHEET

E



STAGE 1C (NIGHTTIME HOURS)

- SHOULDER CLOSED.
 - RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
 - REMOVE HMA PAVEMENT TO REMOVAL LIMITS.
 - UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING".
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- | | |
|--|--|
| | TYPE III BARRICADE |
| | TYPE III BARRICADE WITH ATTACHED SIGN |
| | TRAFFIC CONTROL DRUM |
| | TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT |
| | FLASHING ARROW BOARD |
| | SIGN ON PERMANENT SUPPORT |
| | SIGN ON TEMPORARY SUPPORT |
| | DELINEATOR FLEXIBLE/TUBULAR MARKER |
| | DIRECTION OF TRAFFIC |
| | PORTABLE CHANGEABLE MESSAGE BOARD |
| | WORK AREA |

PROJECT NO: 1190-03-62

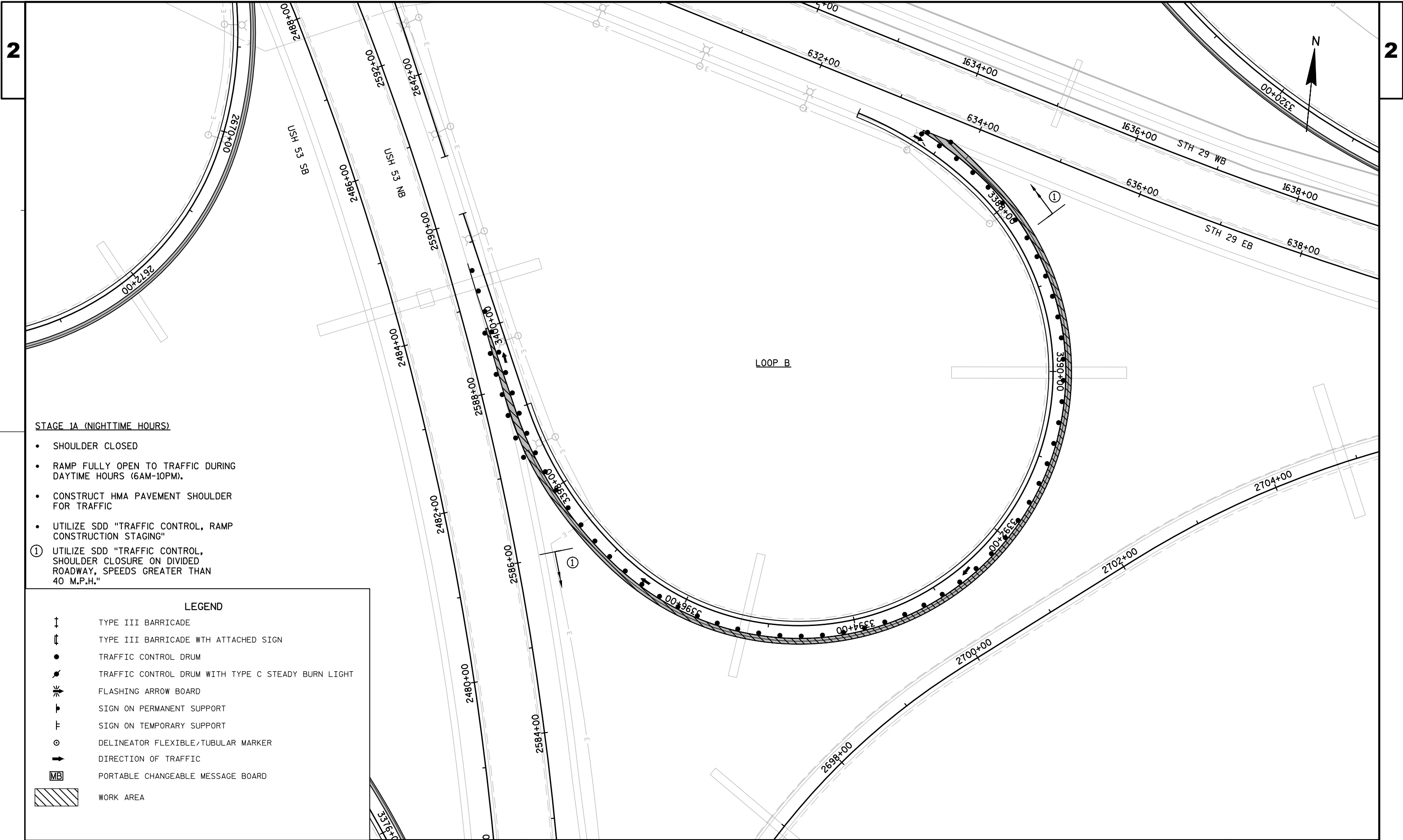
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1C FOR NE STH 29/USH 53 LOOP A

SHEET

E

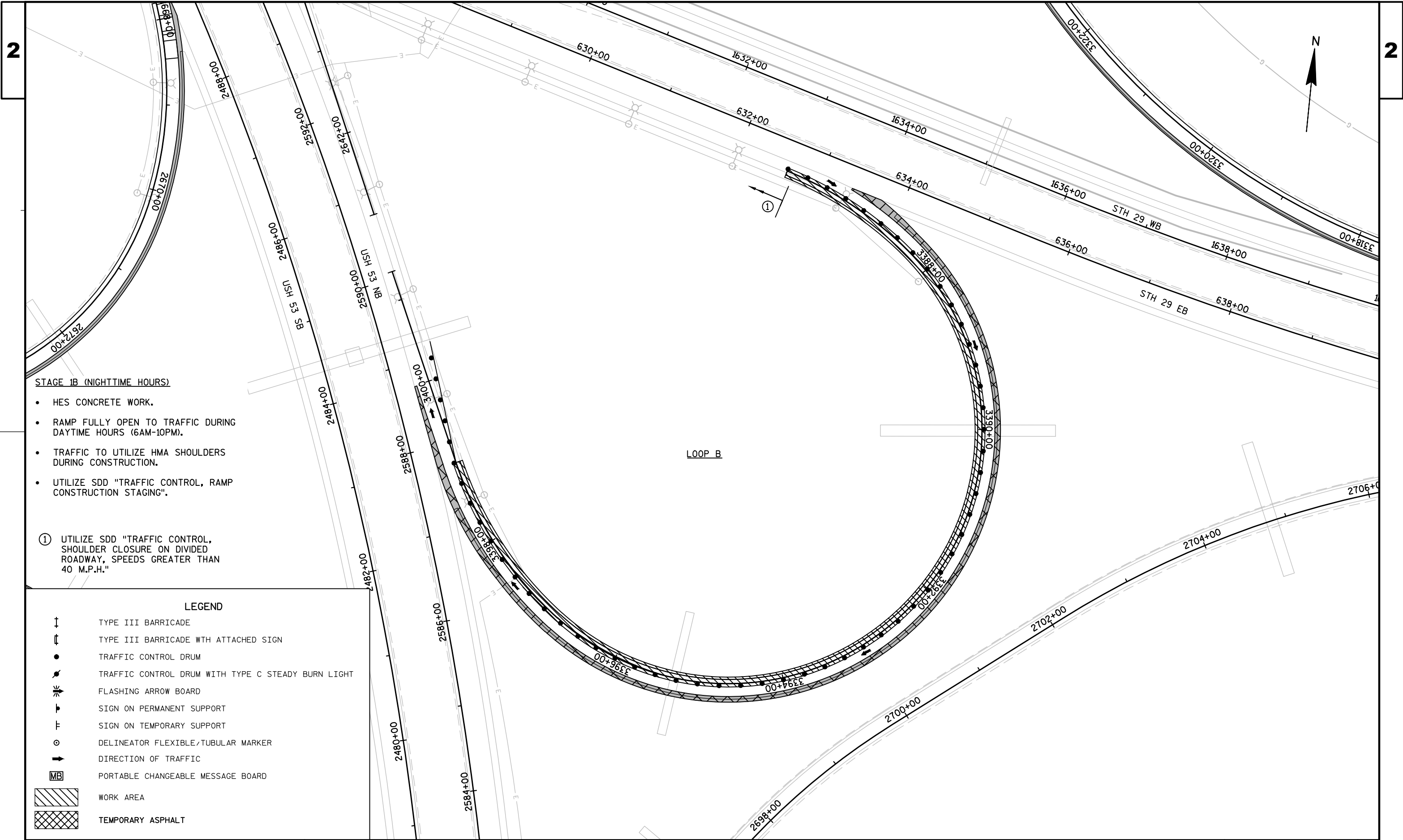


STAGE 1A (NIGHTTIME HOURS)

- SHOULDER CLOSED
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- CONSTRUCT HMA PAVEMENT SHOULDER FOR TRAFFIC
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"
- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- ⊥ TYPE III BARRICADE
- ⊥ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ↻ FLASHING ARROW BOARD
- └ SIGN ON PERMANENT SUPPORT
- └ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA



STAGE 1B (NIGHTTIME HOURS)

- HES CONCRETE WORK.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- TRAFFIC TO UTILIZE HMA SHOULDERS DURING CONSTRUCTION.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING".

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- WORK AREA
- TEMPORARY ASPHALT

PROJECT NO: 1190-03-62

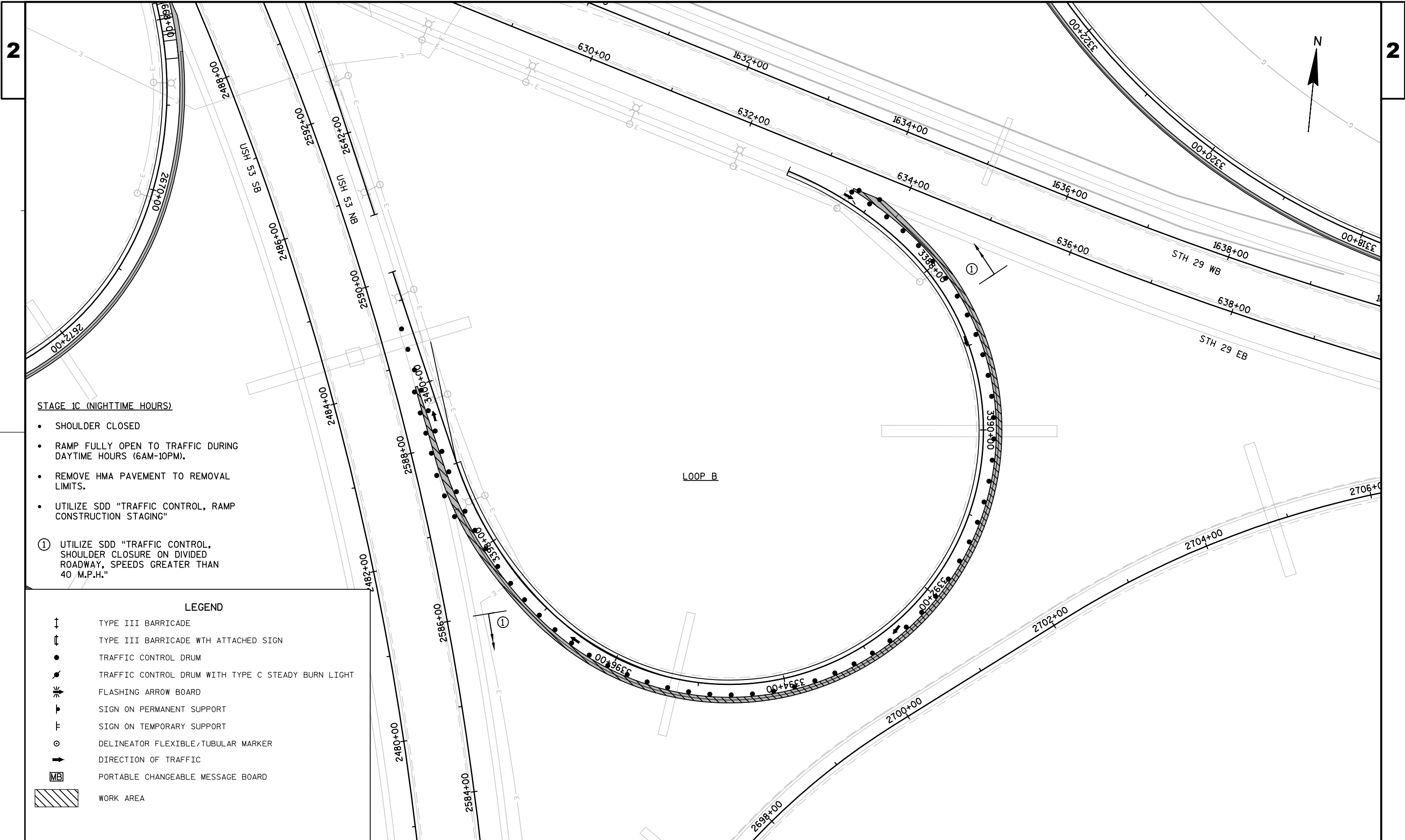
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1B FOR SE STH 29/USH 53 LOOP B

SHEET

E



STAGE 1C (NIGHTTIME HOURS)

- SHOULDER CLOSED
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- REMOVE HMA PAVEMENT TO REMOVAL LIMITS.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

LEGEND

- ⊥ TYPE III BARRICADE
- ⊥ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ↗ FLASHING ARROW BOARD
- ⌋ SIGN ON PERMANENT SUPPORT
- ⌋ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➔ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA

PROJECT NO: 1190-03-62

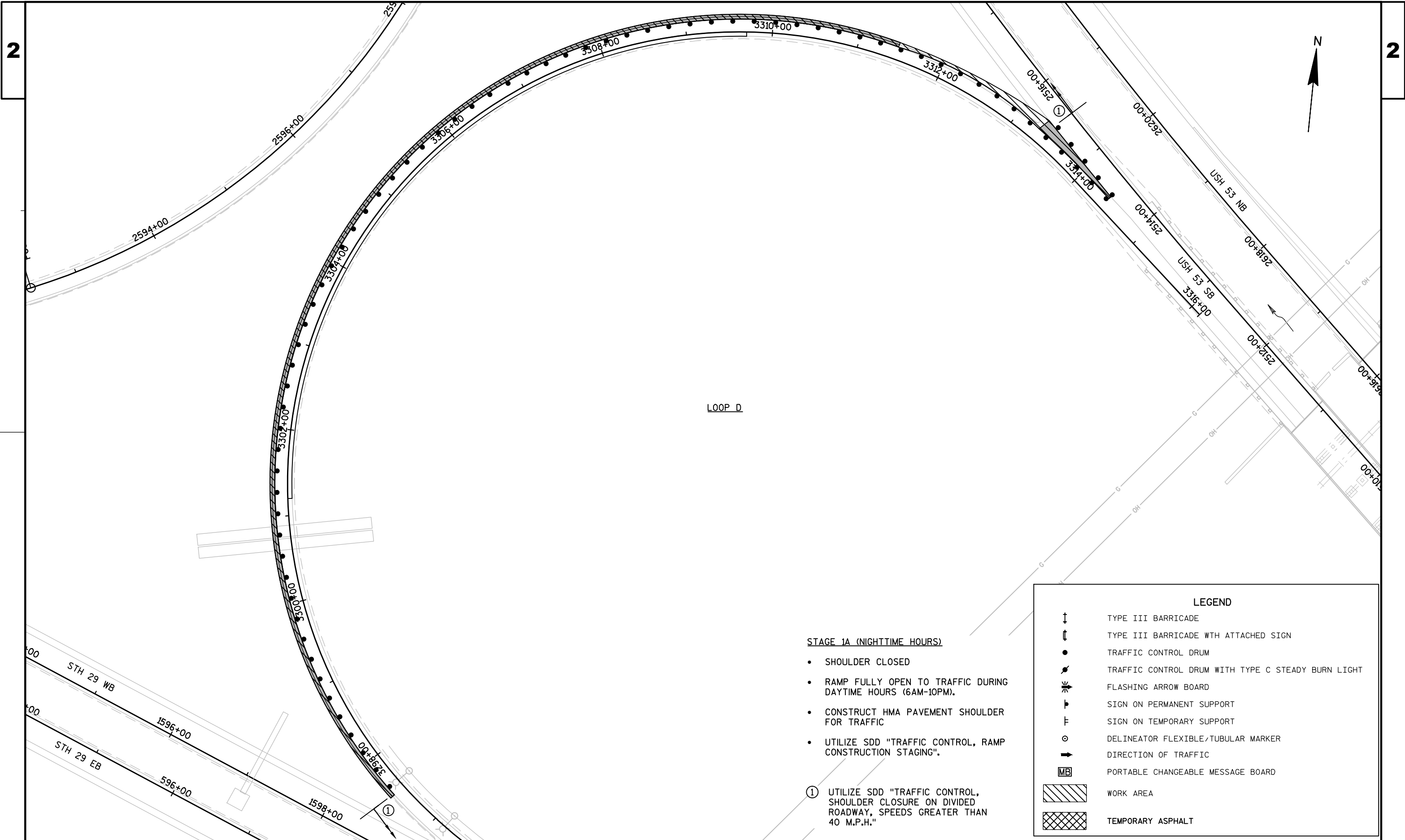
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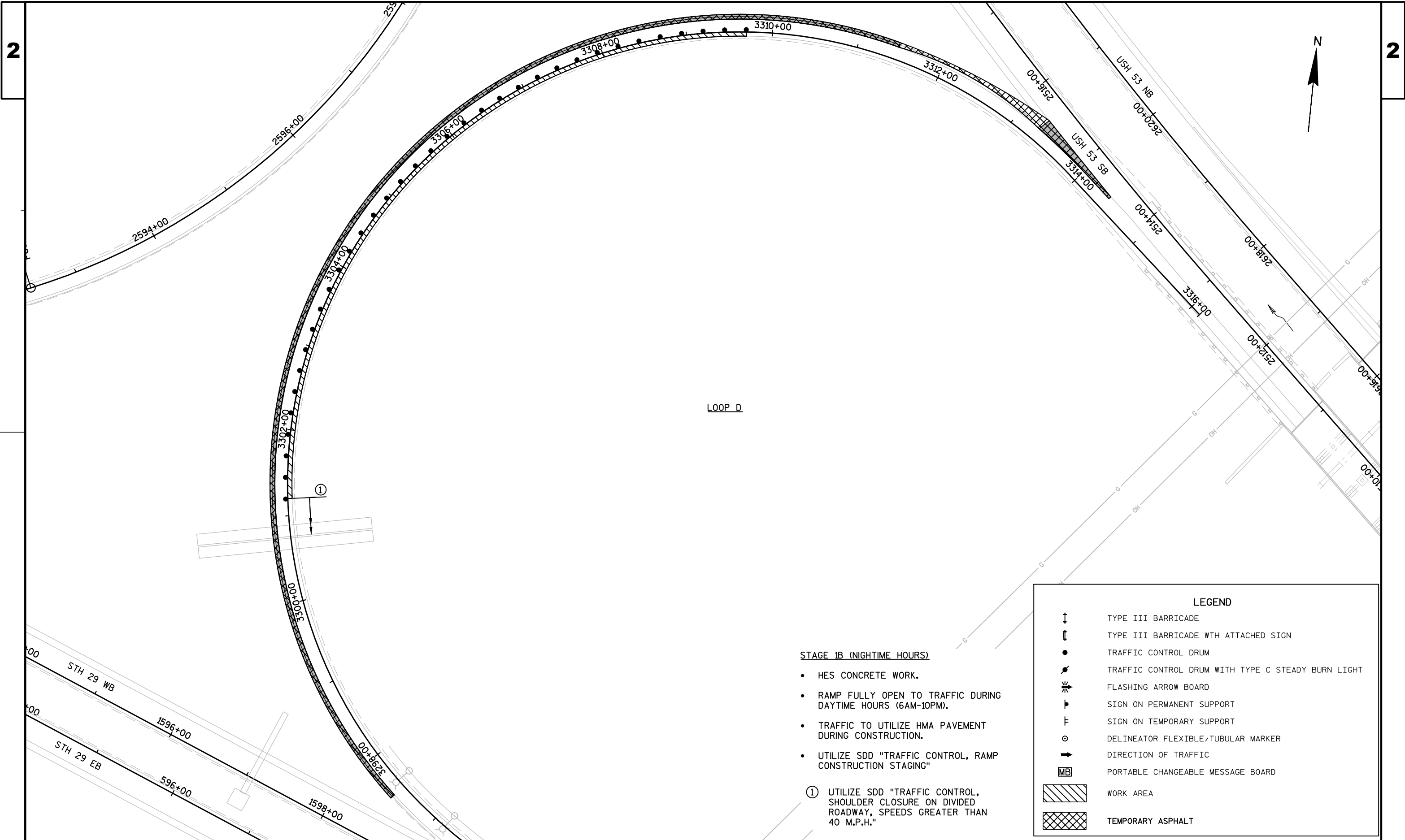
COUNTY: CHIPPEWA

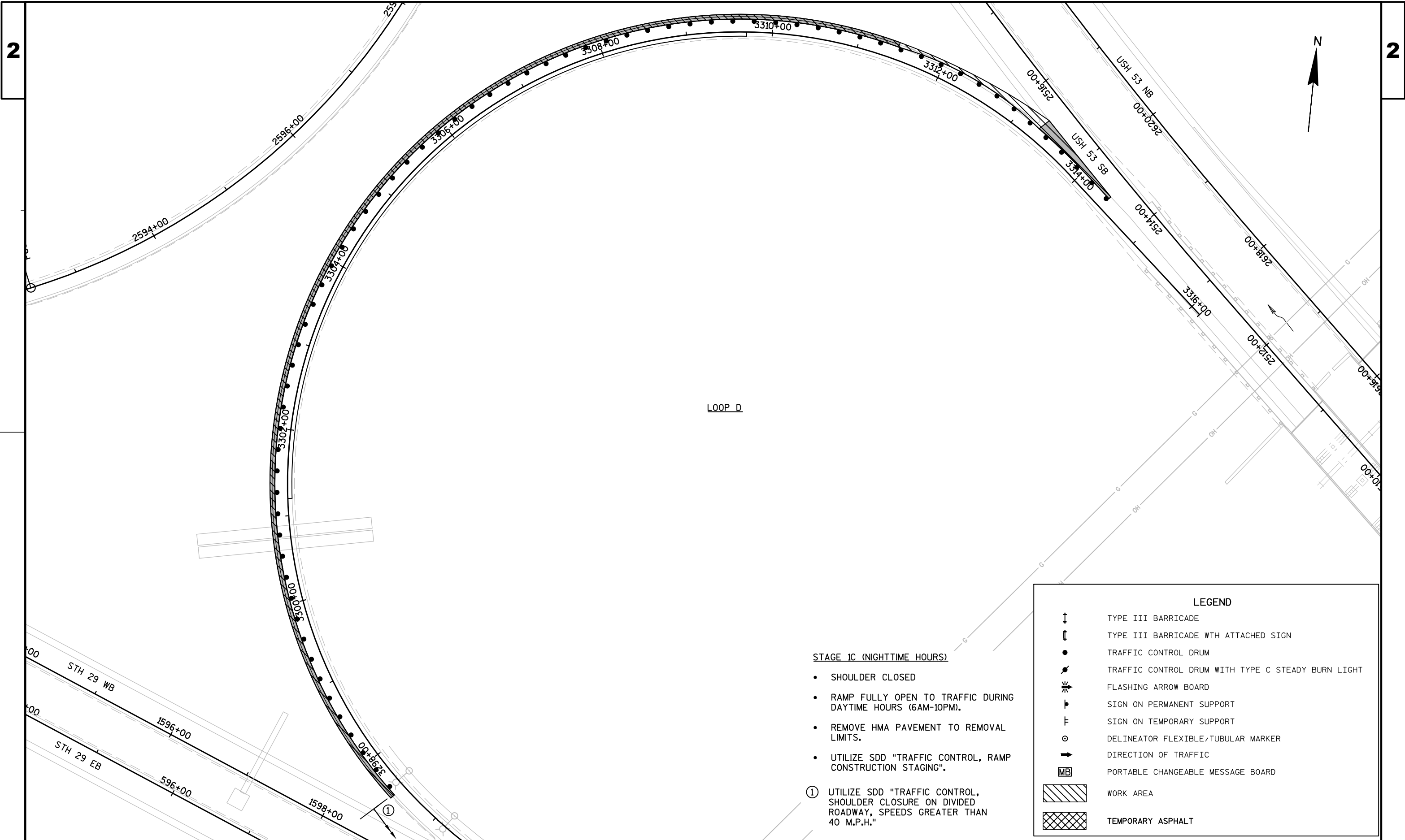
TRAFFIC CONTROL STAGE 1C FOR SE STH 29/USH 53 LOOP B

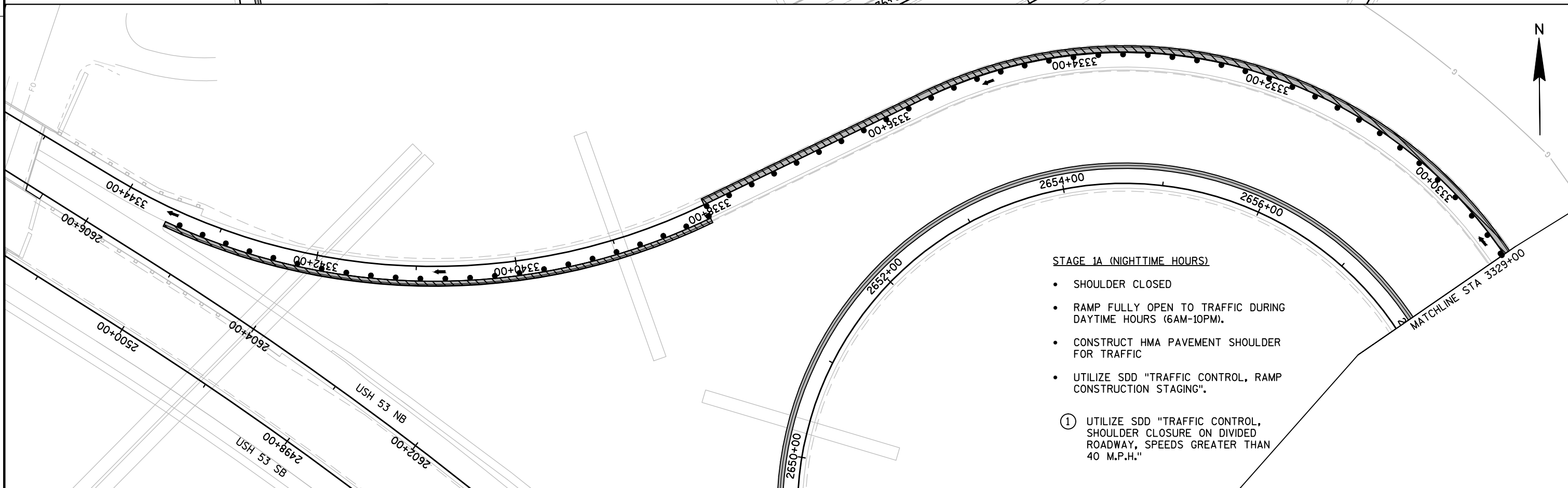
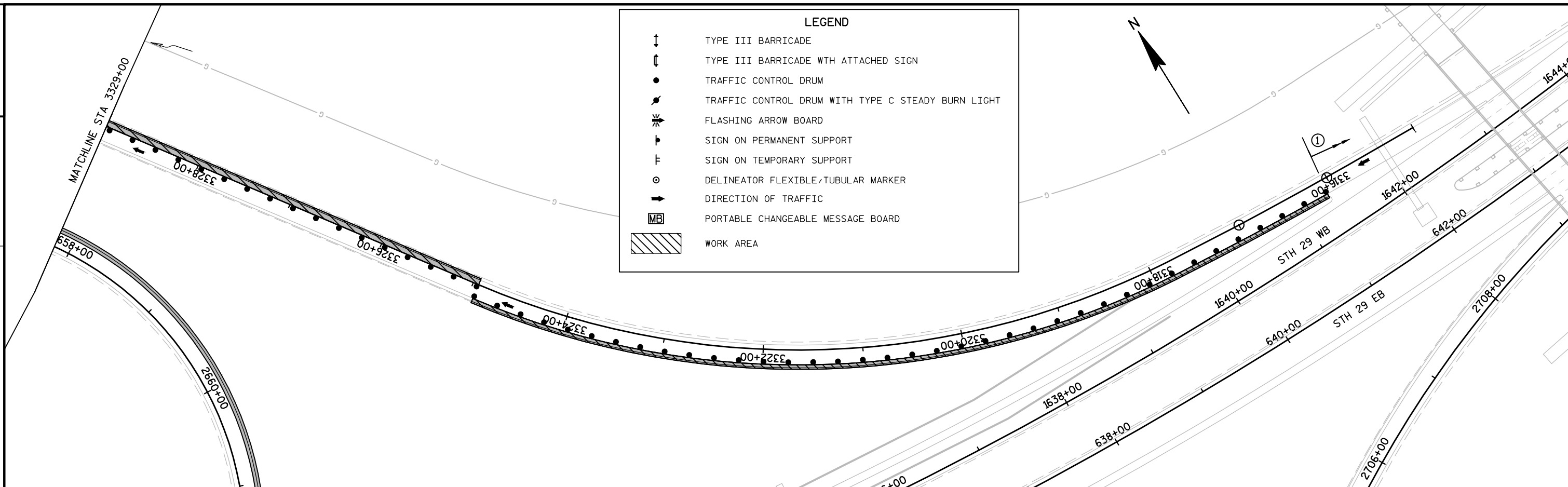
SHEET

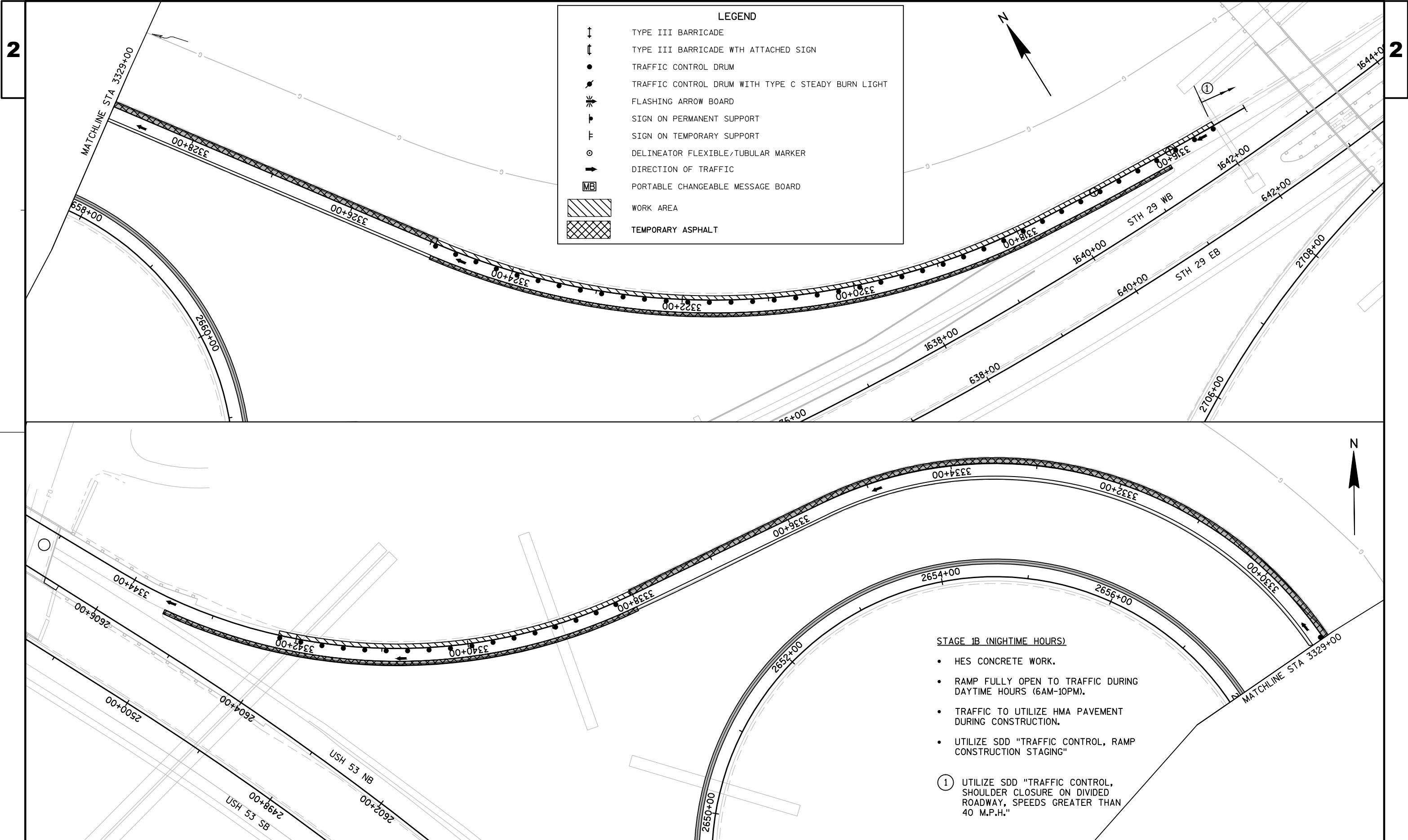
E











LEGEND

↑	TYPE III BARRICADE
↑	TYPE III BARRICADE WTH ATTACHED SIGN
●	TRAFFIC CONTROL DRUM
●	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
✱	FLASHING ARROW BOARD
↑	SIGN ON PERMANENT SUPPORT
↑	SIGN ON TEMPORARY SUPPORT
○	DELINEATOR FLEXIBLE/TUBULAR MARKER
→	DIRECTION OF TRAFFIC
MB	PORTABLE CHANGEABLE MESSAGE BOARD
▨	WORK AREA
▩	TEMPORARY ASPHALT

STAGE 1B (NIGHTTIME HOURS)

- HES CONCRETE WORK.
- RAMP FULLY OPEN TO TRAFFIC DURING DAYTIME HOURS (6AM-10PM).
- TRAFFIC TO UTILIZE HMA PAVEMENT DURING CONSTRUCTION.
- UTILIZE SDD "TRAFFIC CONTROL, RAMP CONSTRUCTION STAGING"

- ① UTILIZE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H."

PROJECT NO: 1190-03-62

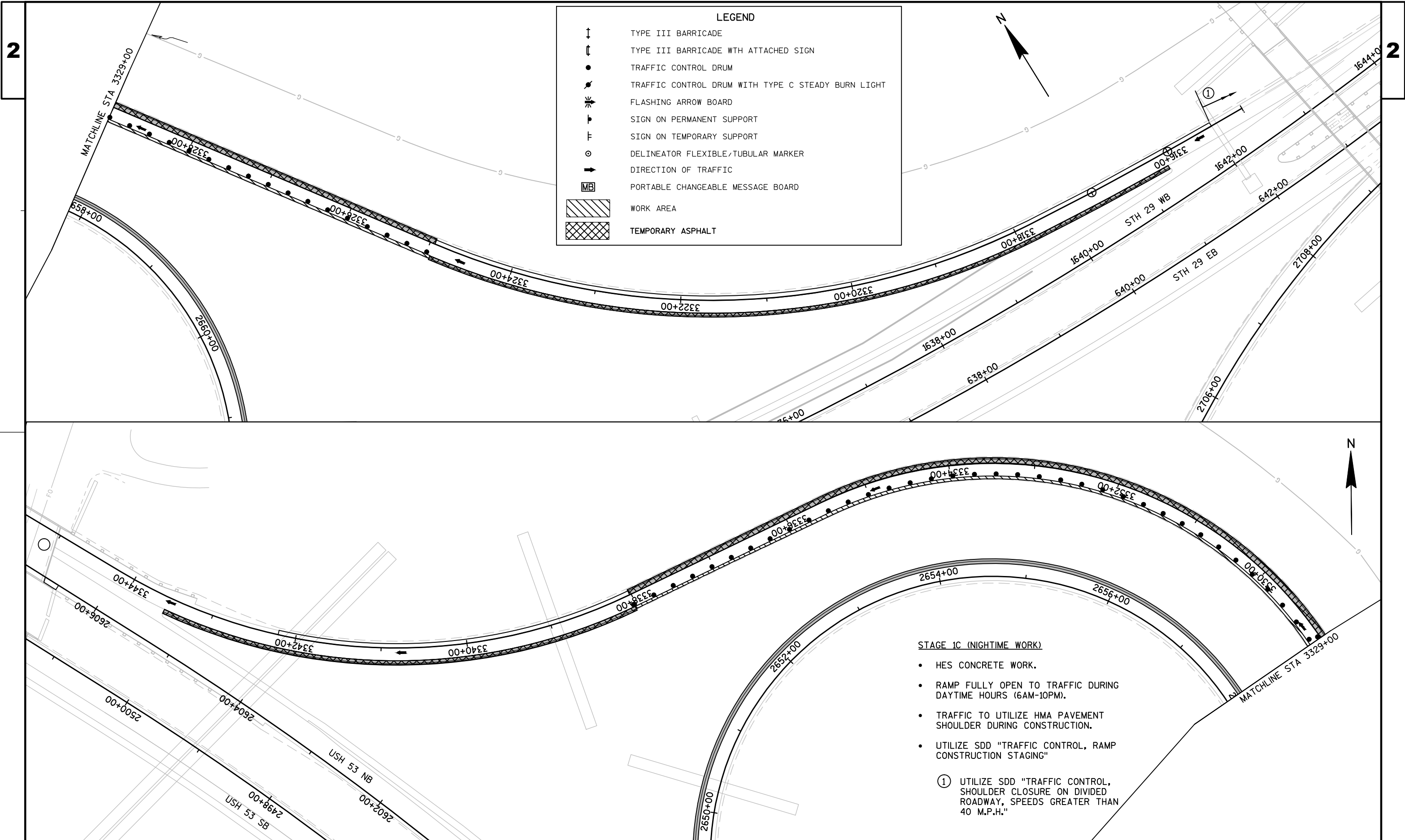
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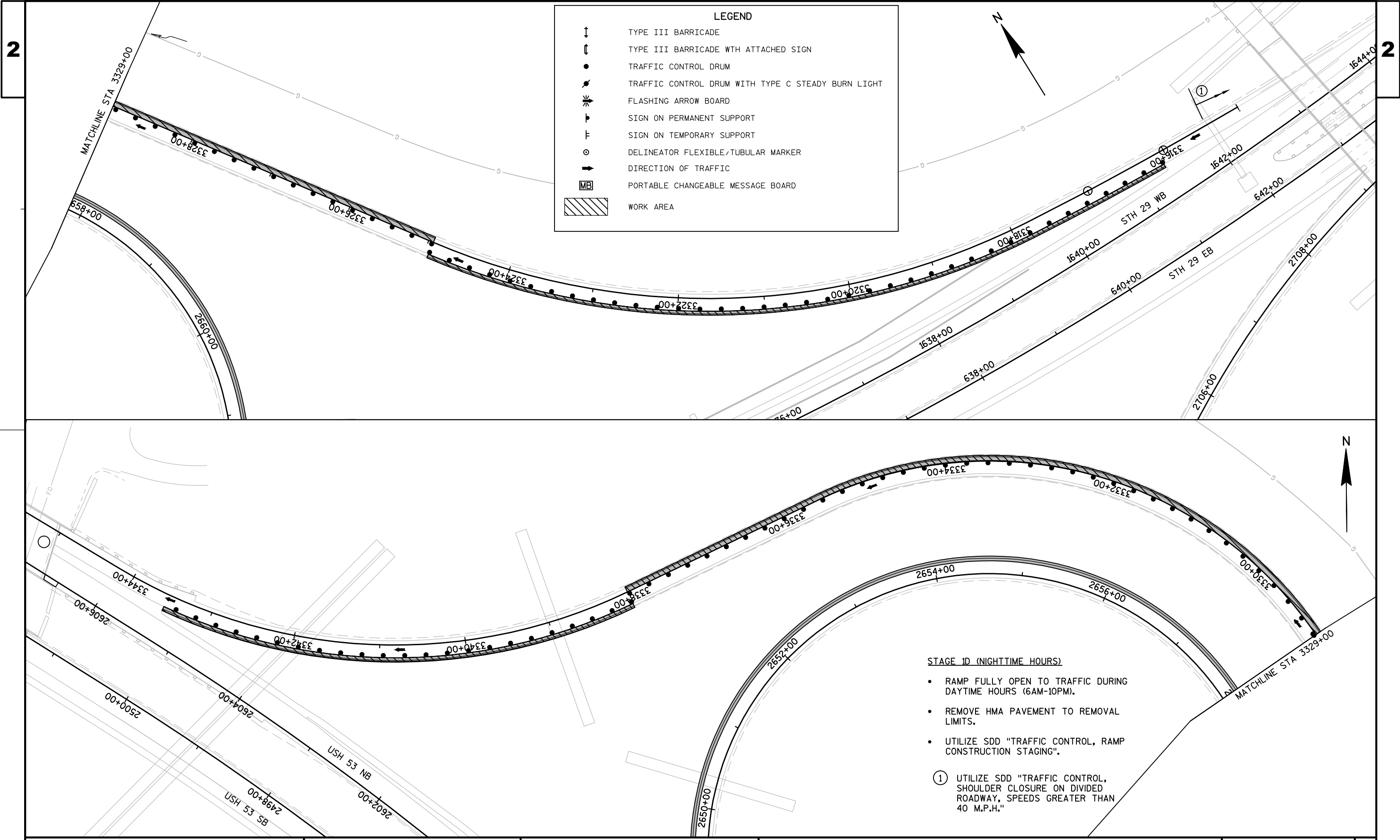
COUNTY: CHIPPEWA

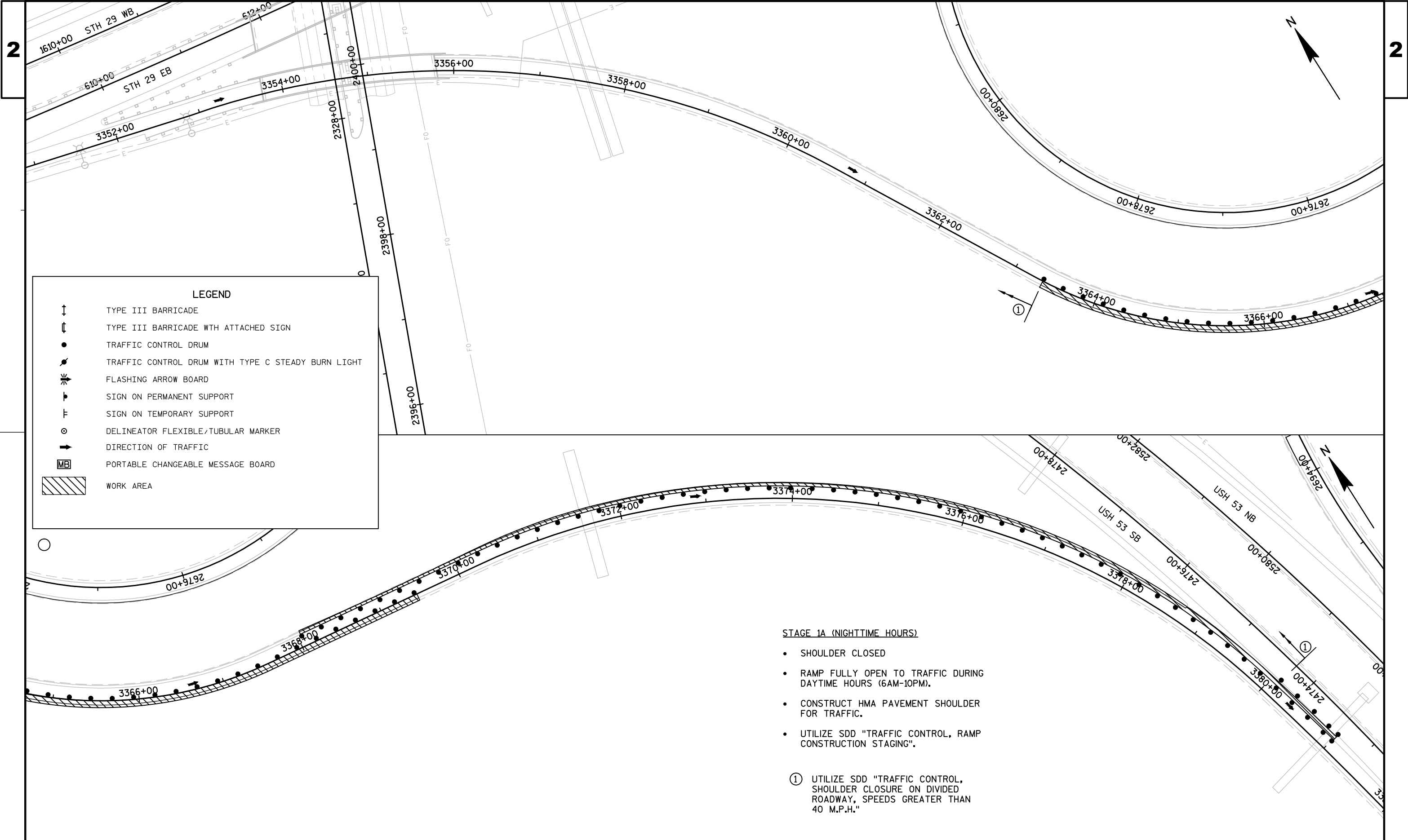
TRAFFIC CONTROL STAGE 1B FOR NE STH 29/USH 53 RAMP A

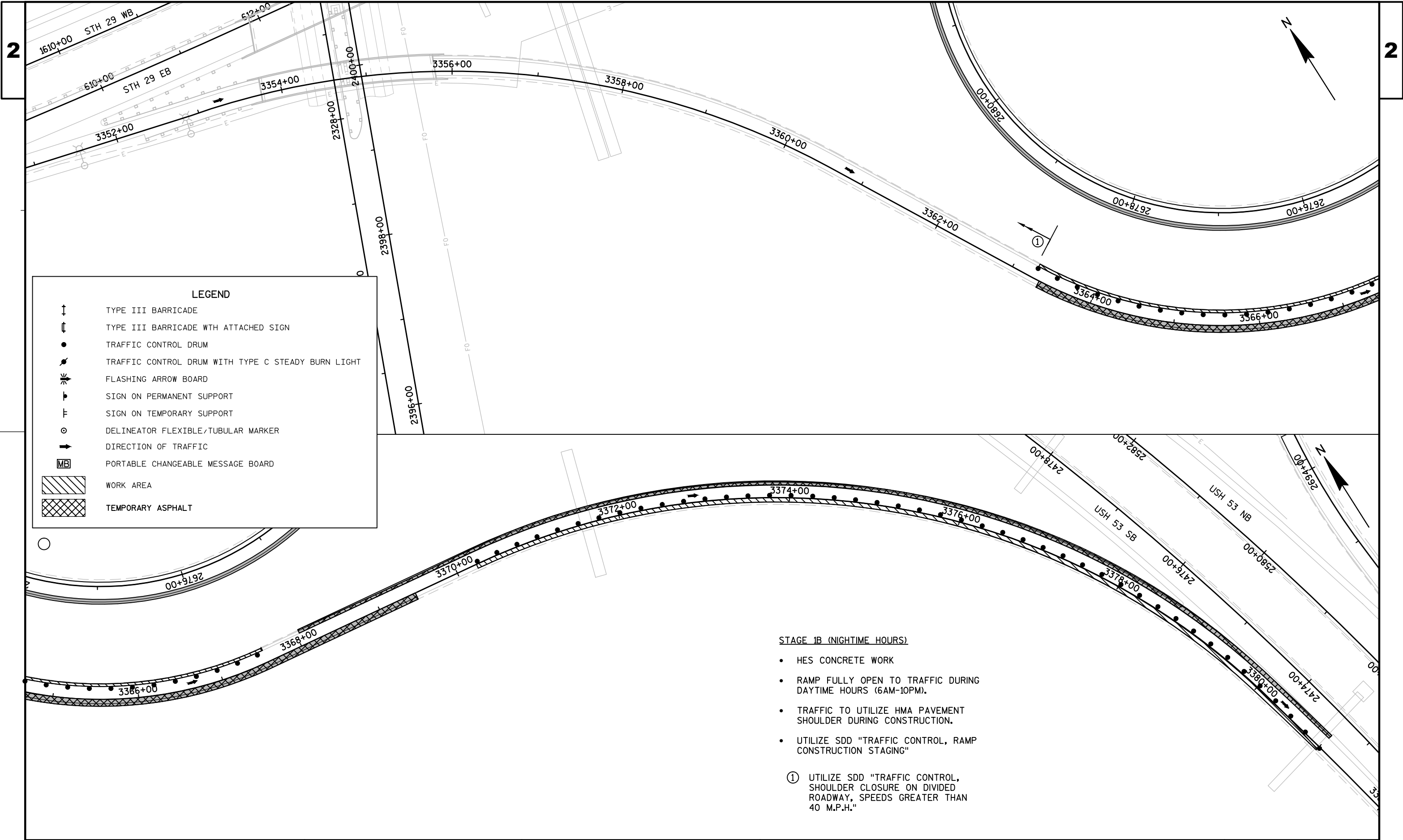
SHEET

E









PROJECT NO: 1190-03-62

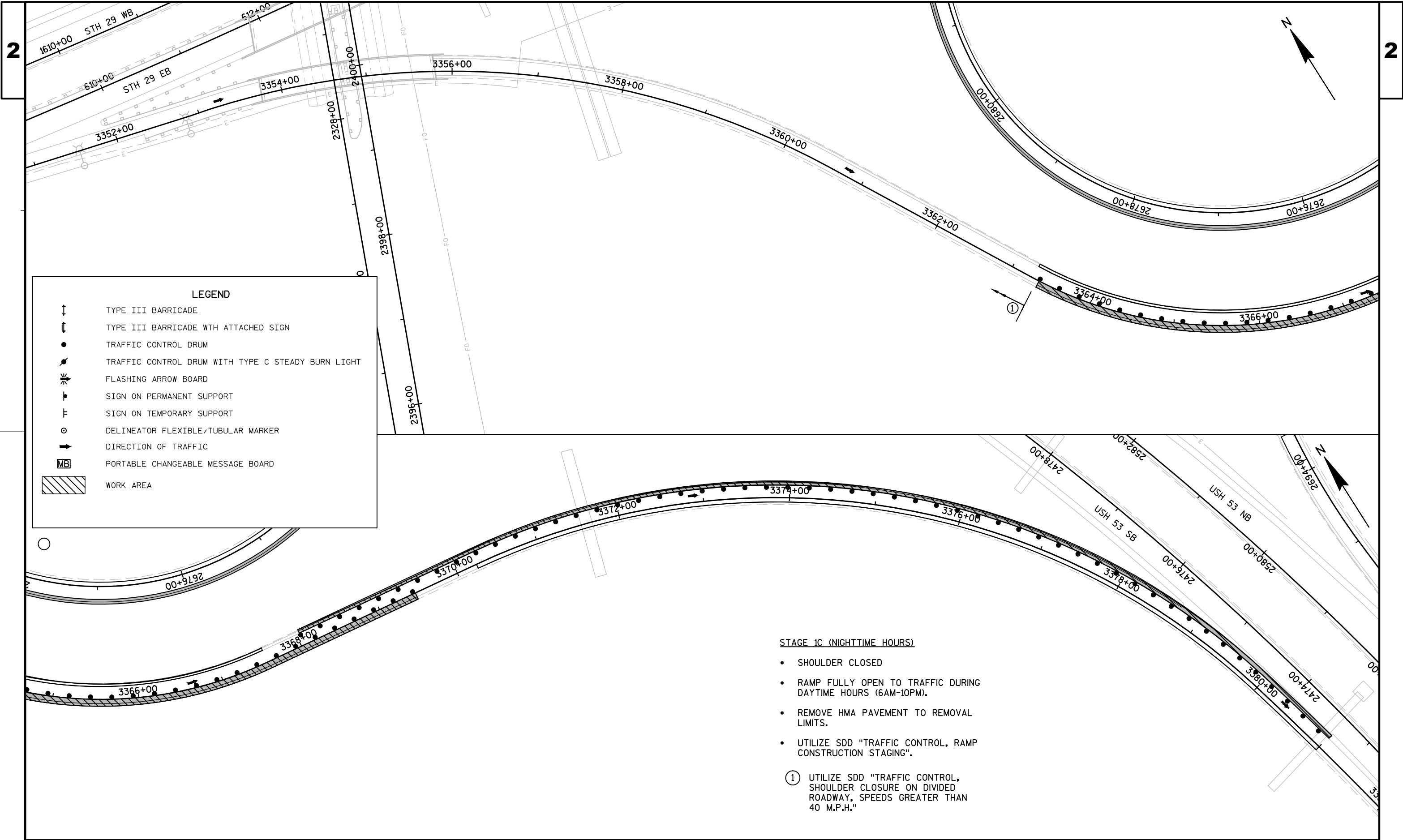
HWY: USH 53

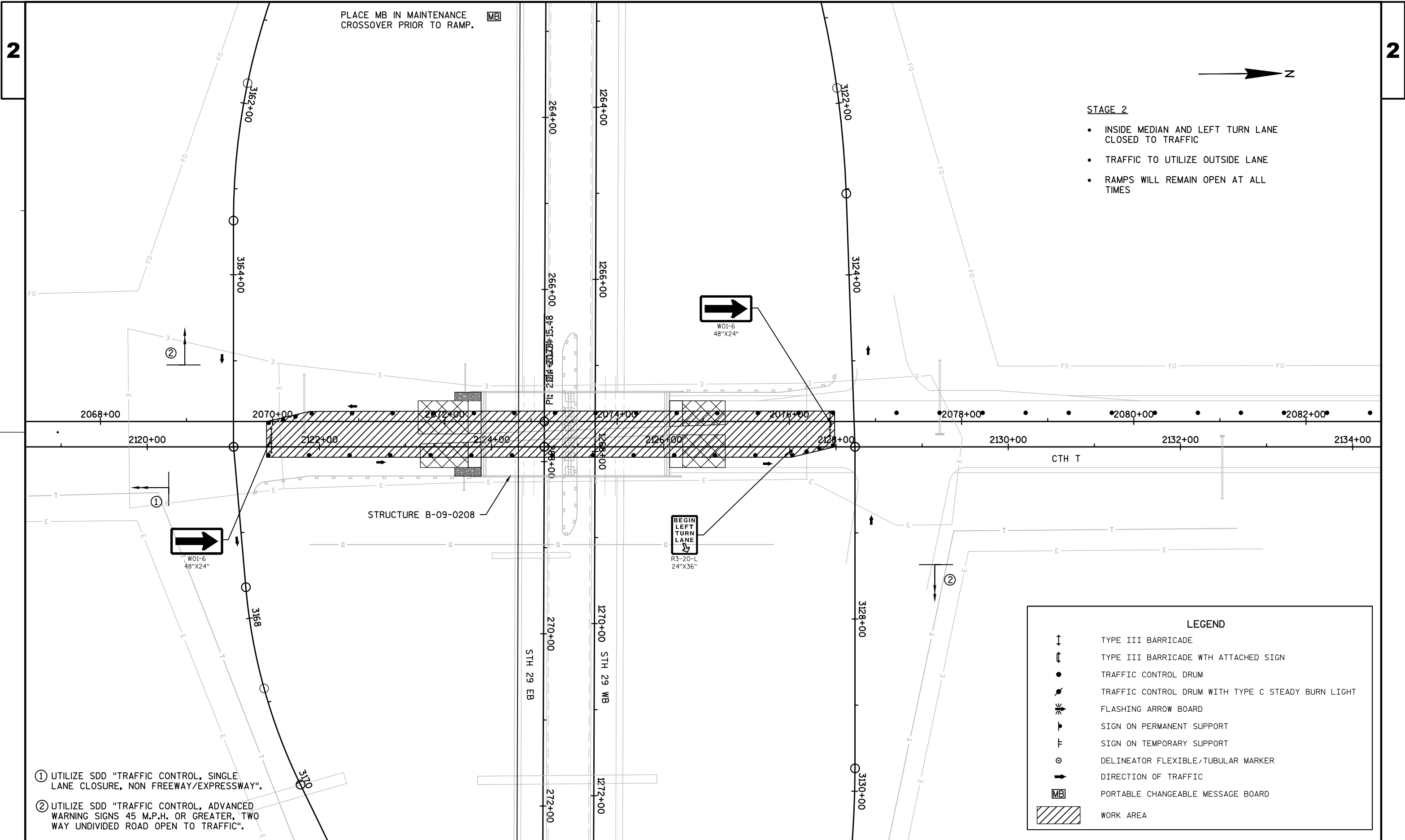
COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 1B FOR NE STH 29/USH 53 RAMP C

SHEET

E





- ① UTILIZE SDD "TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON FREEWAY/EXPRESSWAY".
- ② UTILIZE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

STAGE 2

- INSIDE MEDIAN AND LEFT TURN LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE OUTSIDE LANE
- RAMPS WILL REMAIN OPEN AT ALL TIMES

LEGEND

- ↑ TYPE III BARRICADE
- ↑ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ⚡ FLASHING ARROW BOARD
- ▬ SIGN ON PERMANENT SUPPORT
- ▬ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- ➡ DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA

PROJECT NO: 1190-03-62

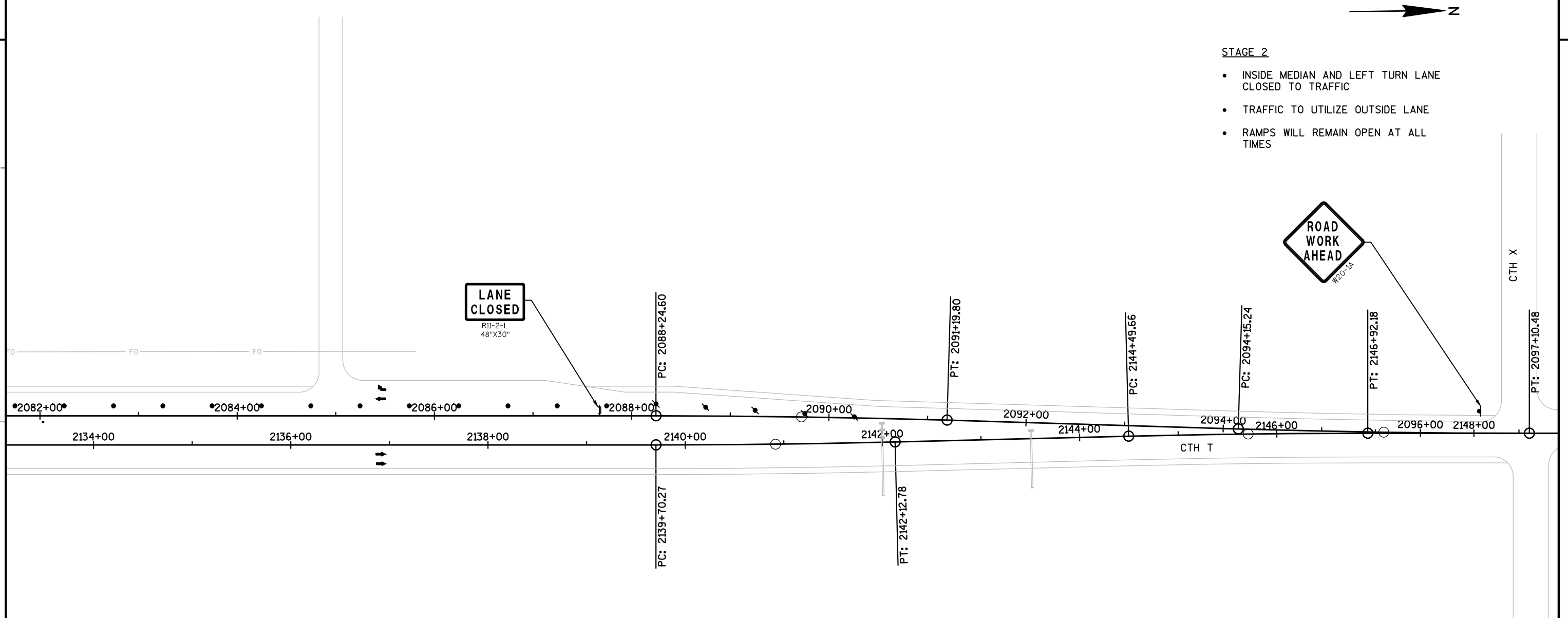
HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 2 FOR B-09-0208

SHEET

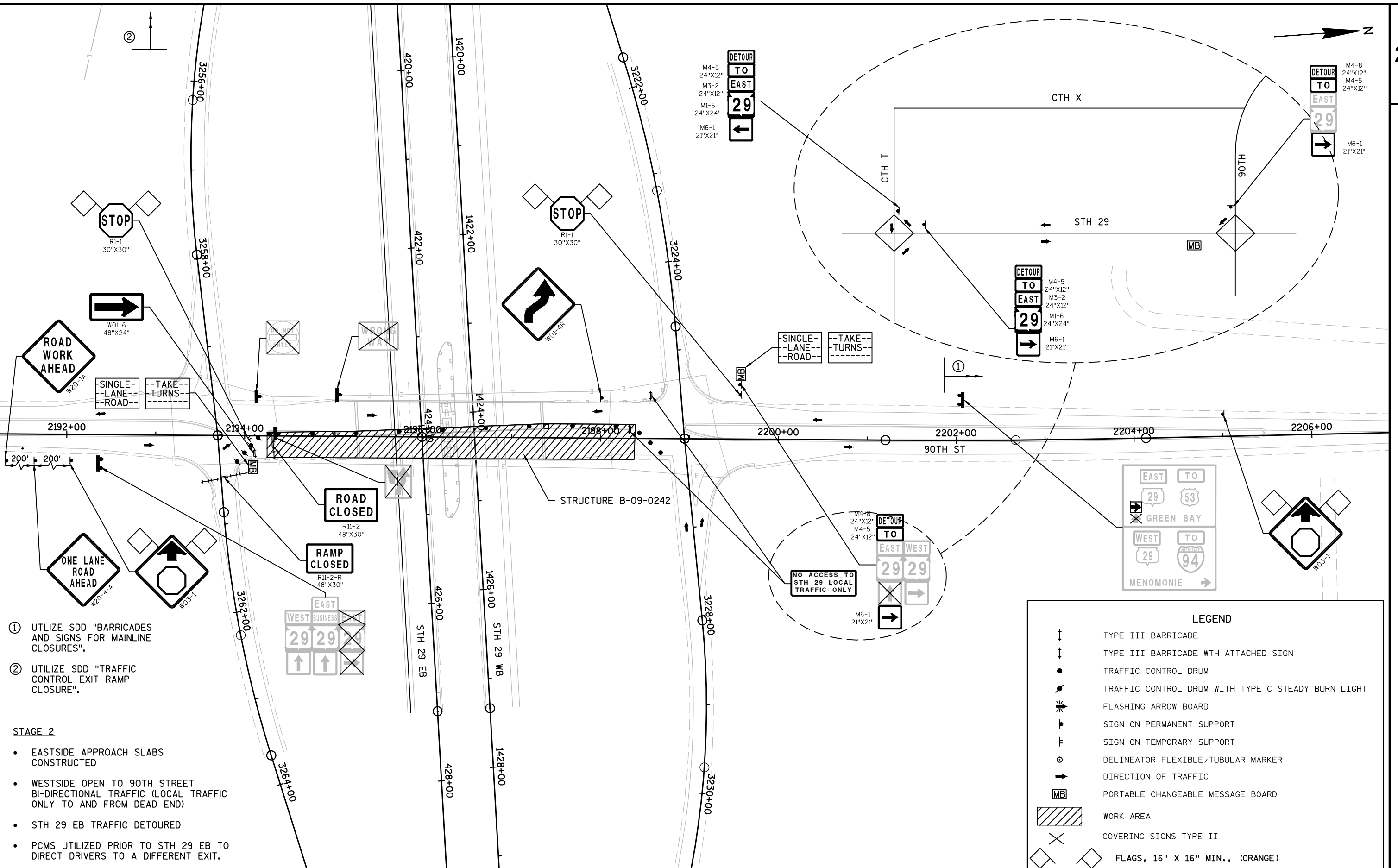
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**STAGE 2**

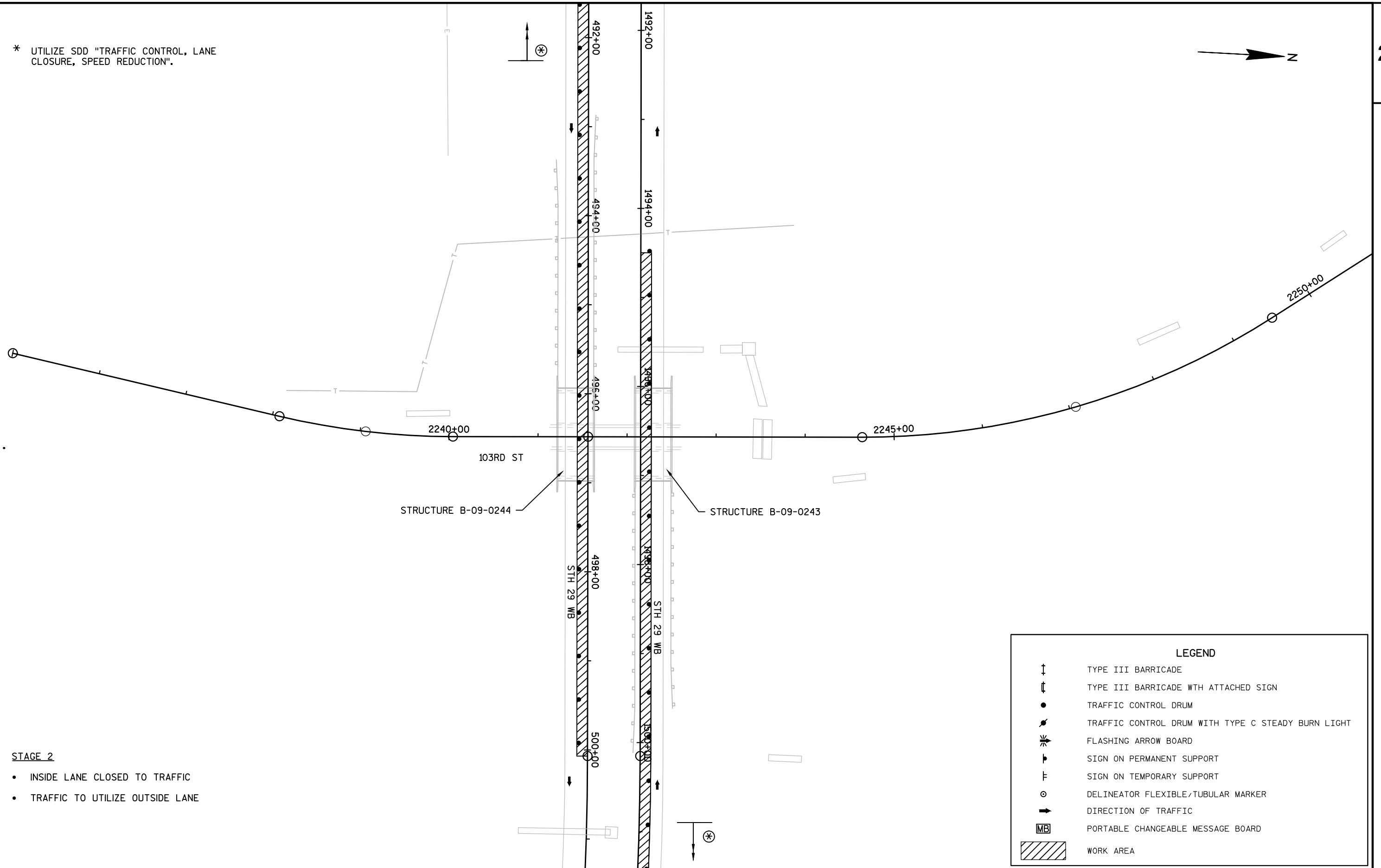
- INSIDE MEDIAN AND LEFT TURN LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE OUTSIDE LANE
- RAMPS WILL REMAIN OPEN AT ALL TIMES

**LEGEND**

	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA



* UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION".

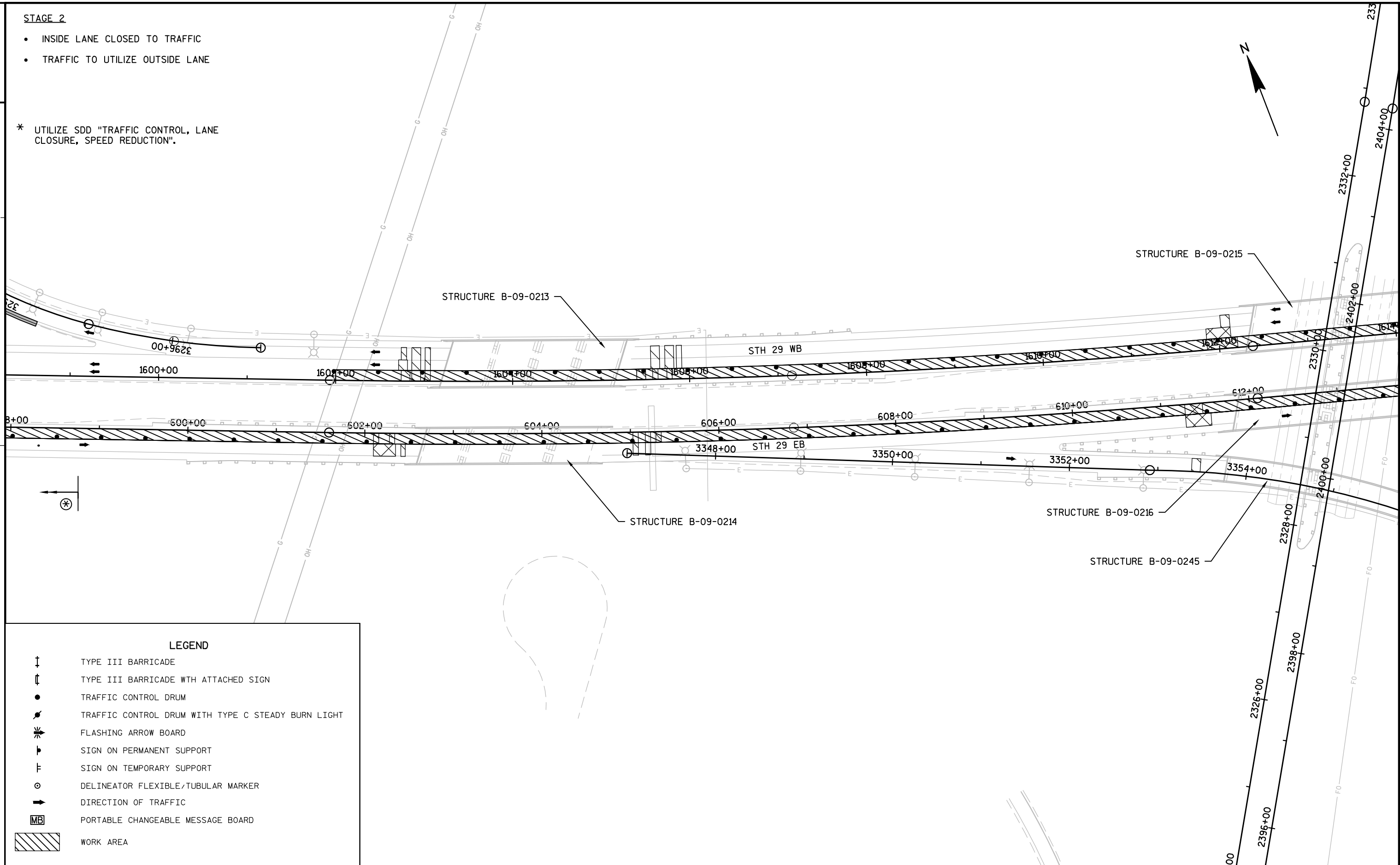


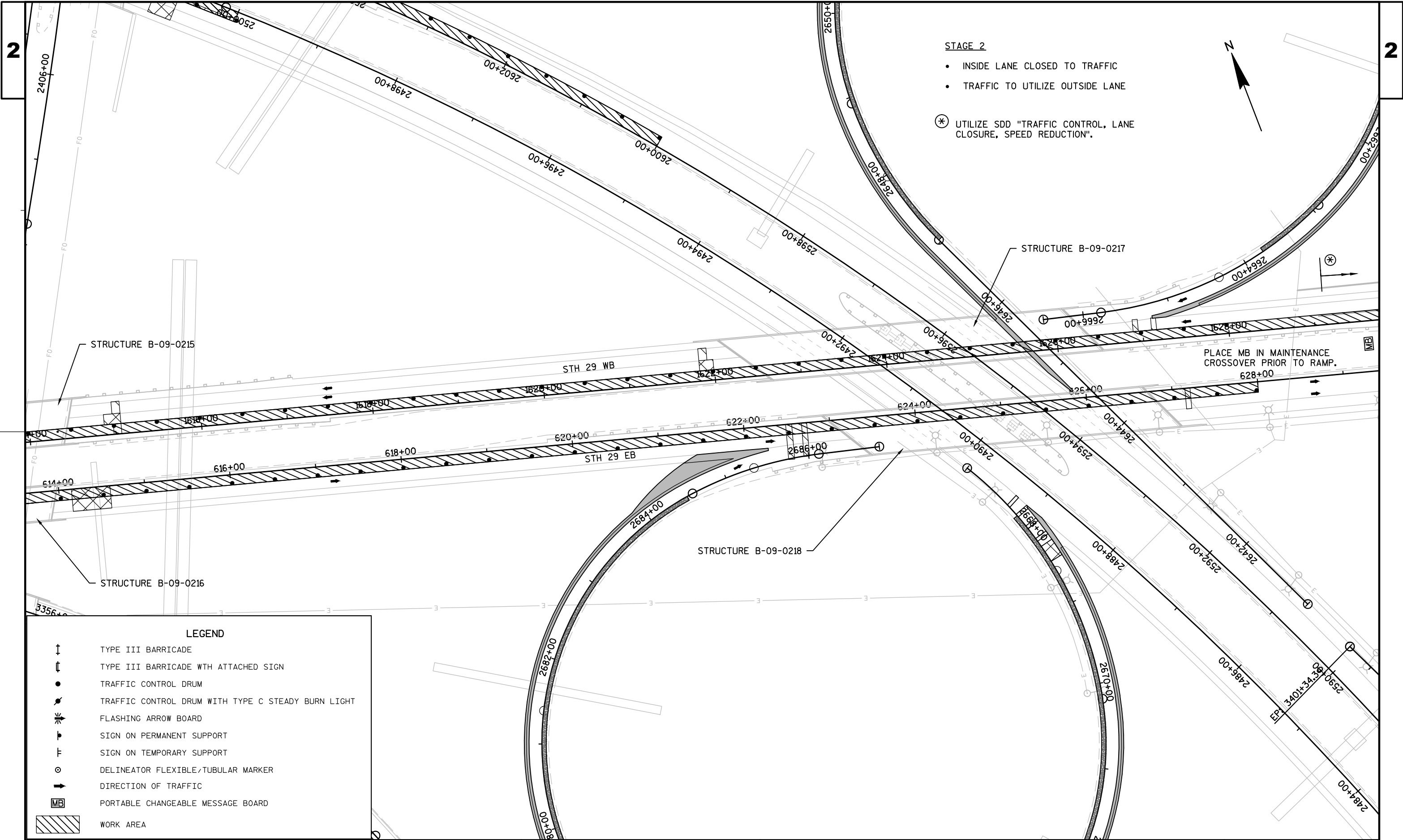
STAGE 2

- INSIDE LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE OUTSIDE LANE

- STAGE 2
- INSIDE LANE CLOSED TO TRAFFIC
 - TRAFFIC TO UTILIZE OUTSIDE LANE

* UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION".





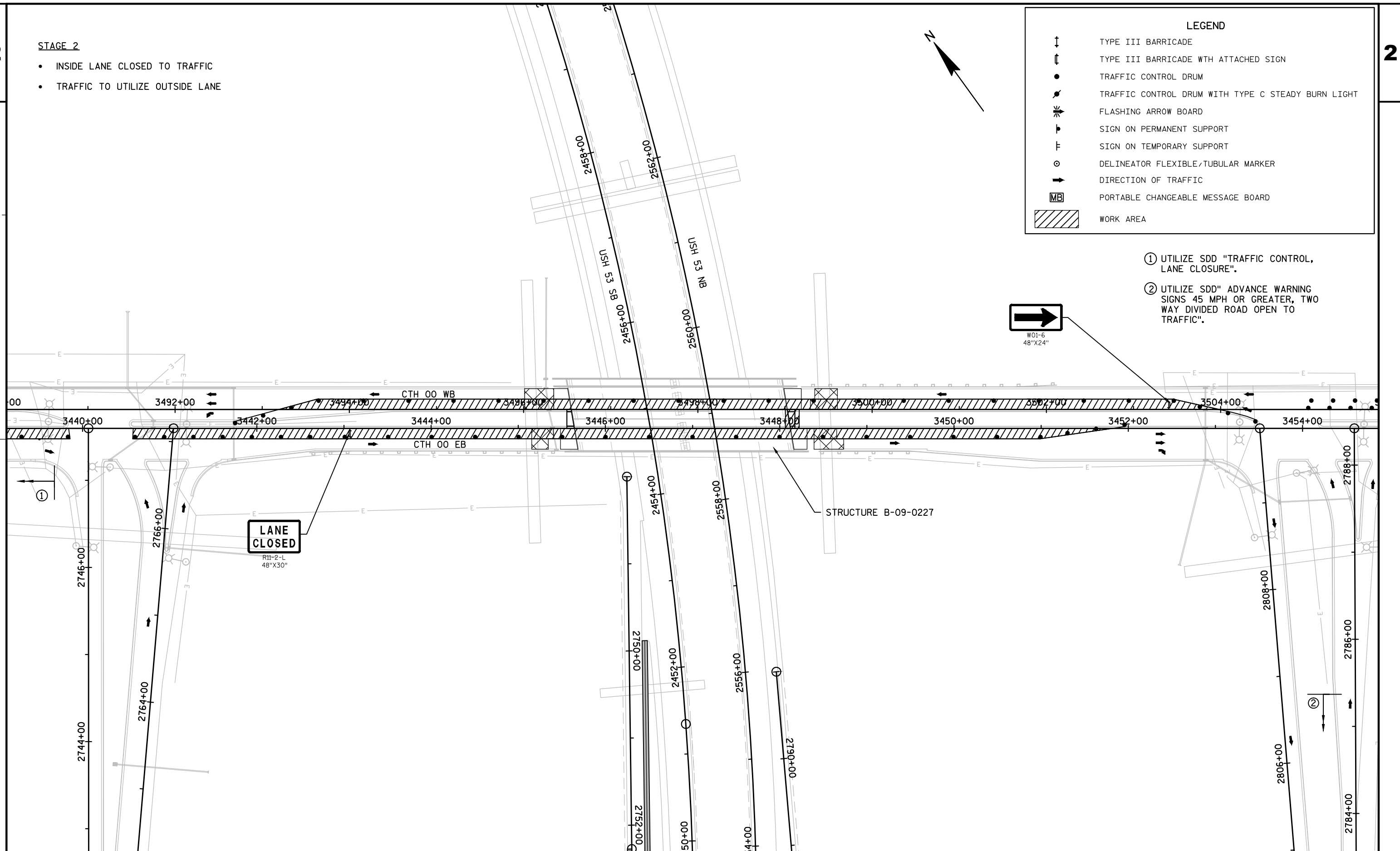
STAGE 2

- INSIDE LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE OUTSIDE LANE

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

- ① UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE".
- ② UTILIZE SDD "ADVANCE WARNING SIGNS 45 MPH OR GREATER, TWO WAY DIVIDED ROAD OPEN TO TRAFFIC".



PROJECT NO: 1190-03-62

HWY: USH 53

COUNTY: CHIPPEWA

TRAFFIC CONTROL STAGE 2 FOR B-09-0227

SHEET

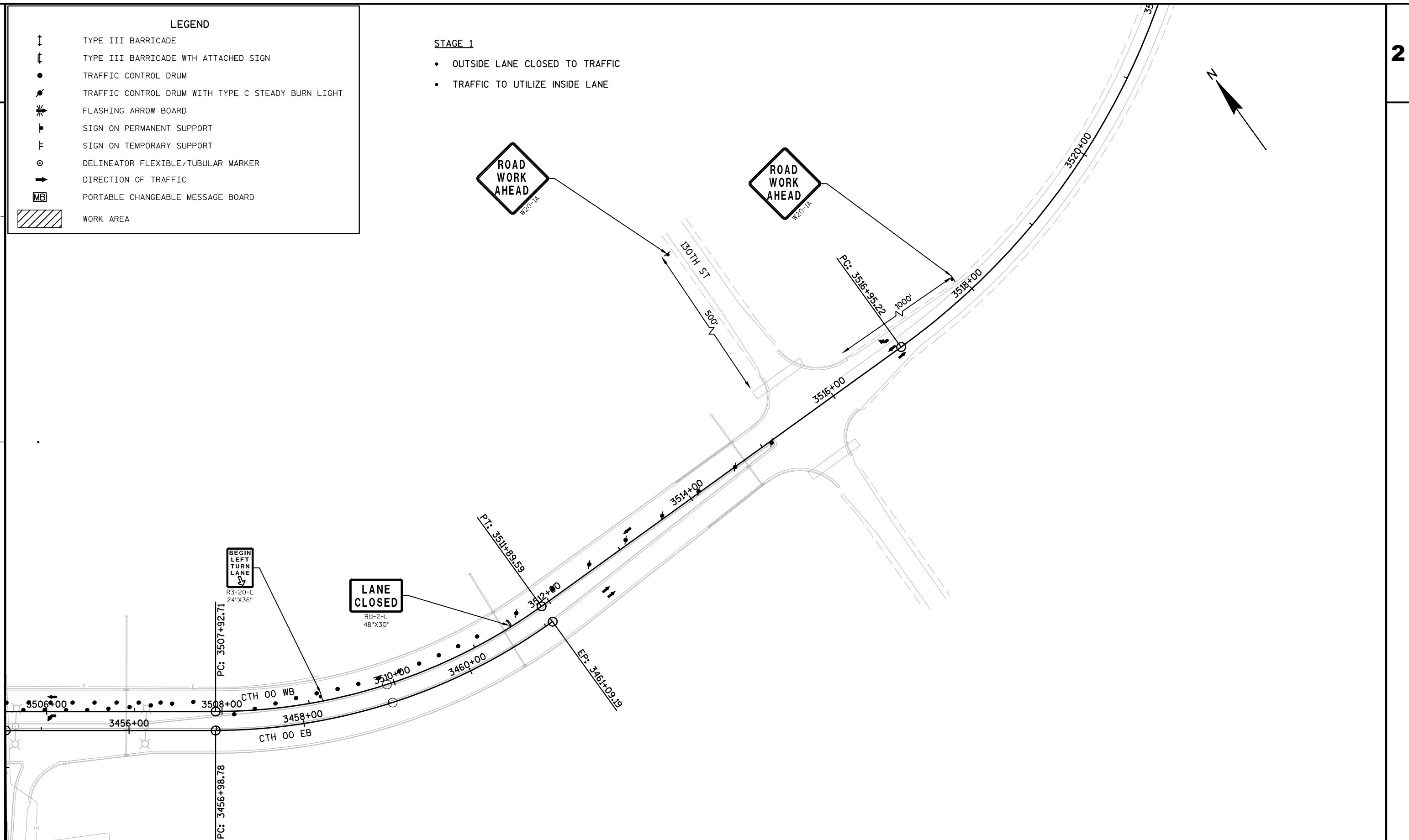
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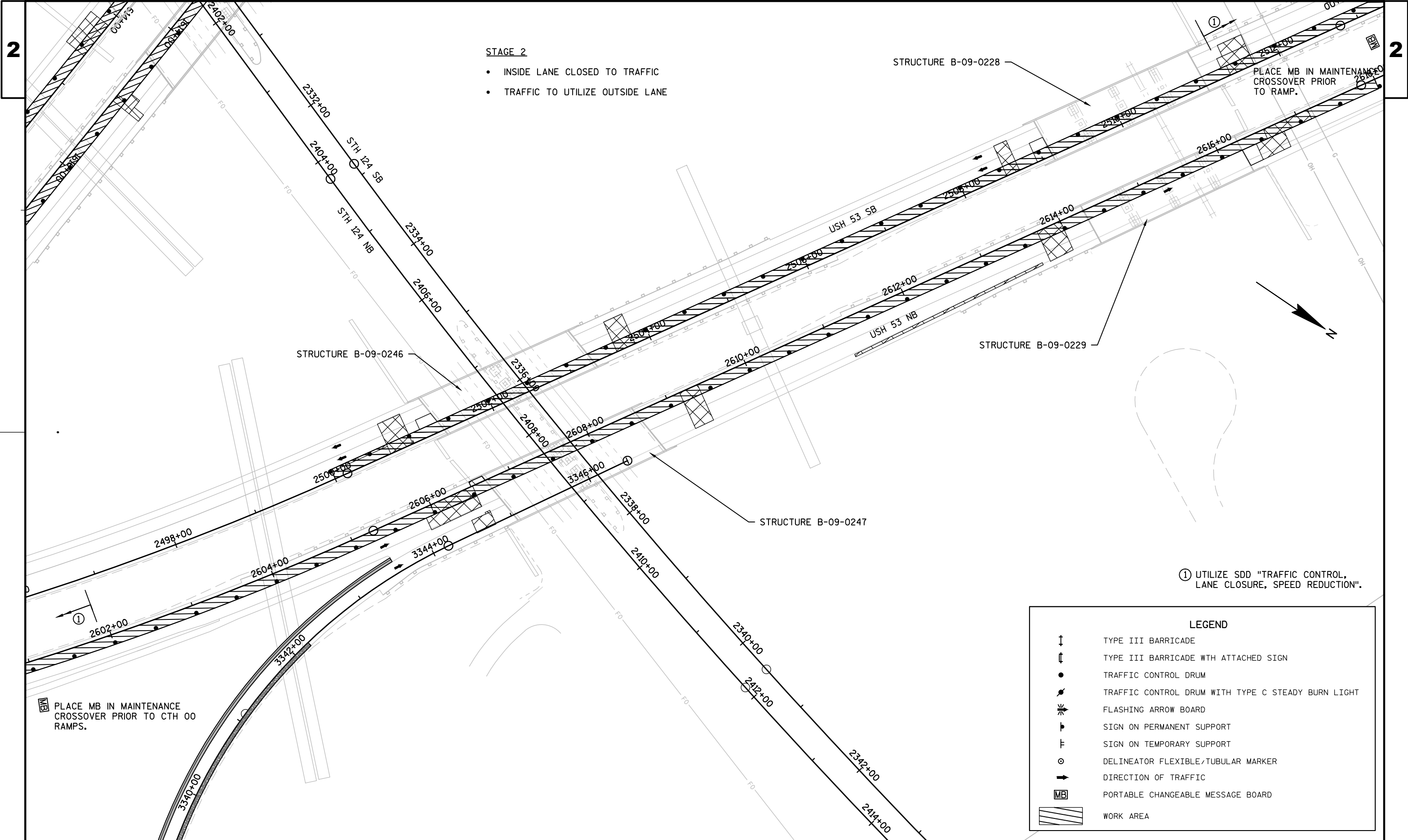
LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

STAGE 1

- OUTSIDE LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE INSIDE LANE





- STAGE 2
- INSIDE LANE CLOSED TO TRAFFIC
 - TRAFFIC TO UTILIZE OUTSIDE LANE

① UTILIZE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION".

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	DELINEATOR FLEXIBLE/TUBULAR MARKER
	DIRECTION OF TRAFFIC
	PORTABLE CHANGEABLE MESSAGE BOARD
	WORK AREA

STAGE 3

- AUXILIARY LANE CLOSED TO TRAFFIC
- TRAFFIC TO UTILIZE MAINLINE LANE
- NIGHTTIME HOURS ONLY (10PM-6AM)

COVER WITH
AT STATION 616+00

W04-1

LANE
CLOSEDR11-2-L
48"X30"

LEGEND

- | | |
|--|--|
| | TYPE III BARRICADE |
| | TYPE III BARRICADE WITH ATTACHED SIGN |
| | TRAFFIC CONTROL DRUM |
| | TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT |
| | FLASHING ARROW BOARD |
| | SIGN ON PERMANENT SUPPORT |
| | SIGN ON TEMPORARY SUPPORT |
| | DELINEATOR FLEXIBLE/TUBULAR MARKER |
| | DIRECTION OF TRAFFIC |
| | PORTABLE CHANGEABLE MESSAGE BOARD |
| | WORK AREA |

- (*) UTILIZE SDD "TRAFFIC CONTROL, EXIT
AND ENTRANCE RAMP WITHIN LANE
CLOSURE".
COVER EXISTING W4-3 SIGN WITH W04-1.

STRUCTURE B-09-0217

STRUCTURE B-09-0218

STH 29 WB

STH 29 EB

MB TRAFFIC CONTROL SIGN PCMS

PHASE 1

NIGHTLY-
EB-RAMP-
CLOSURE-

PHASE 2

STARTING
(DATE)*USE MESSAGE 10 DAYS PRIOR TO CONSTRUCTION
AND WHEN RAMP OPEN DURING STAGE 3

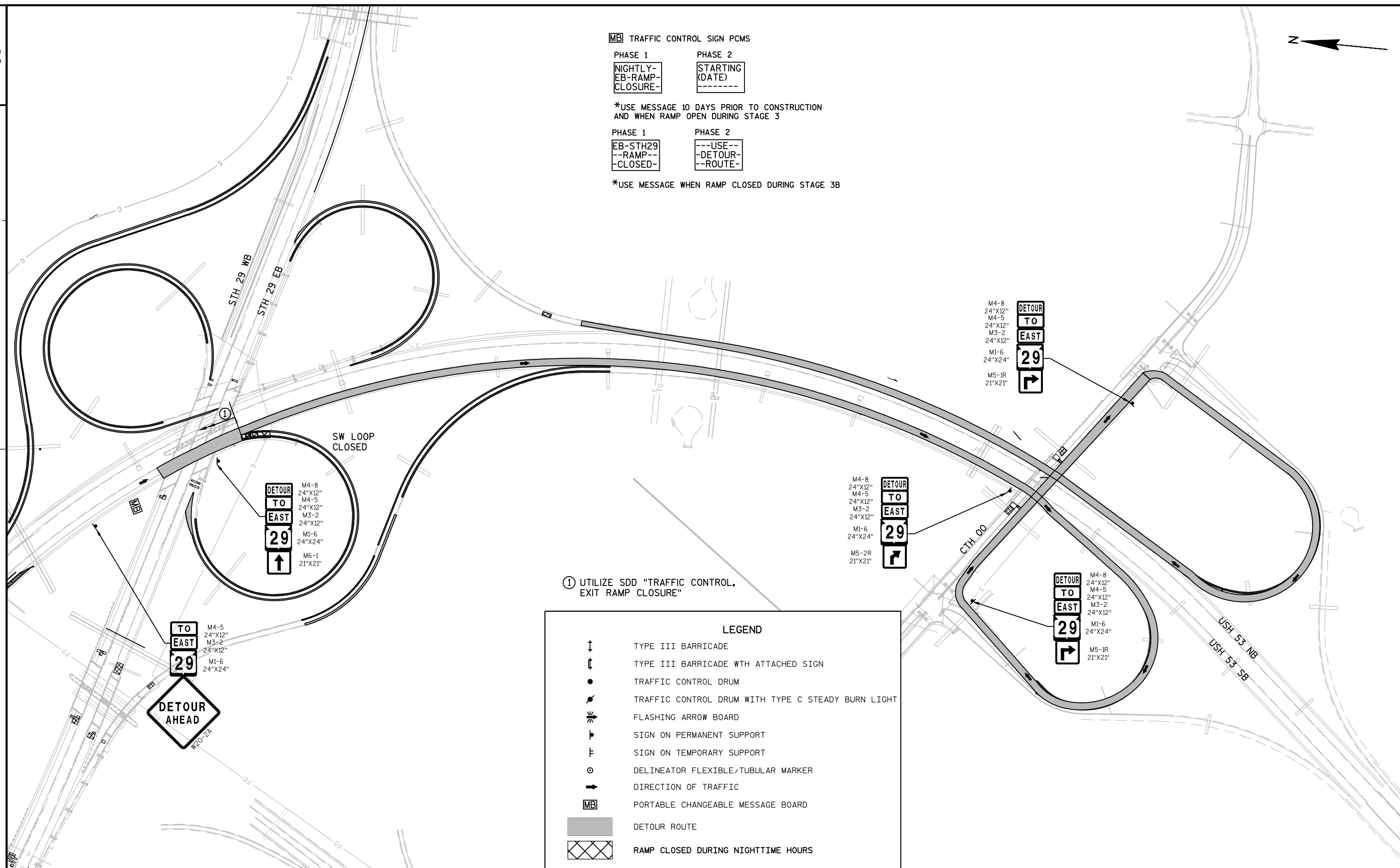
PHASE 1

EB-STH29
--RAMP--
--CLOSED-

PHASE 2

---USE---
--DETOUR--
--ROUTE-

*USE MESSAGE WHEN RAMP CLOSED DURING STAGE 3B



ALIGNMENT: USH 53 NB

TANGENT STATION	2540+00		
DISTANCE	984.252'	BEARING	N 40°38'32.69" E
ARC			
PC STATION	2549+84.25		
PI STATION	2584+69.23		
TAN	3484.977'		
DB	N 40°38'32.77" E		
DA	N 47°21'20.18" W		
LCHORD DISTANCE	5013.848'	BEARING	N 3°21'23.71" W
EXTERNAL DISTANCE	1407.987'		
MIDDLE ORDINATE	1012.838'		
RADIUS	3608.923'		
DEG	1°35'15.41"		
DELTA	87°59'52.95"		
LENGTH	5542.784'		
PT STATION	2605+27.04		
TANGENT STATION	2605+27.04		
DISTANCE	1255.916'	BEARING	N 47°21'20.11" W
ARC			
PC STATION	2617+82.95		
PI STATION	2629+12.89		
TAN	1129.938'		
DB	N 47°21'20.36" W		
DA	N 24°42'35.43" W		
LCHORD DISTANCE	2215.890'	BEARING	N 36°1'57.9" W
EXTERNAL DISTANCE	112.015'		
MIDDLE ORDINATE	109.835'		
RADIUS	5643.043'		
DEG	1°0'55.21"		
DELTA	22°38'44.93"		
LENGTH	2230.379'		
PT STATION	2640+13.33		
END STATION	2640+13.33		
ALIGNMENT LENGTH	10013.33'		

ALIGNMENT: USH 53 SB

TANGENT STATION	2436+00		
DISTANCE	922.159'	BEARING	N 40°38'32.87" E
ARC			
PC STATION	2445+22.16		
PI STATION	2448+28.88		
TAN	306.726'		
DB	N 40°38'32.17" E		
DA	N 31°44'0.43" E		
LCHORD DISTANCE	611.598'	BEARING	N 36°11'16.3" E
EXTERNAL DISTANCE	11.929'		
MIDDLE ORDINATE	11.893'		
RADIUS	3937.371'		
DEG	1°27'18.64"		
DELTA	8°54'31.75"		
LENGTH	612.215'		
PT STATION	2451+34.37		
ARC			
PC STATION	2451+34.37		
PI STATION	2480+53.89		
TAN	2919.511'		
DB	N 31°43'58.2" E		
DA	N 47°21'19.97" W		
LCHORD DISTANCE	4502.667'	BEARING	N 7°48'40.89" W
EXTERNAL DISTANCE	1049.483'		
MIDDLE ORDINATE	809.292'		
RADIUS	3536.090'		
DEG	1°37'13.13"		
DELTA	79°5'18.17"		
LENGTH	4881.051'		
PT STATION	2500+15.43		
TANGENT STATION	2500+15.43		
DISTANCE	1262.280'	BEARING	N 47°21'20.38" W
ARC			
PC STATION	2512+77.71		
PI STATION	2526+40.89		
TAN	1363.184'		
DB	N 47°21'20.13" W		
DA	N 20°35'22.55" W		
LCHORD DISTANCE	2652.332'	BEARING	N 33°58'21.34" W
EXTERNAL DISTANCE	159.932'		
MIDDLE ORDINATE	155.589'		
RADIUS	5729.589'		
DEG	0°59'59.99"		
DELTA	26°45'57.58"		
LENGTH	2676.604'		
PT STATION	2539+54.31		
END STATION	2539+54.31		
ALIGNMENT LENGTH	10354.31'		

ALIGNMENT: STH 29 EB

TANGENT STATION	100+00		
DISTANCE	456.730'	BEARING	N 89°32'27.93" E
ARC			
PC STATION	116+27.4		
PI STATION	118+31.89		
TAN	204.487'		
DB	N 89°32'24.37" E		
DA	N 80°37'50.76" E		
LCHORD DISTANCE	407.739'	BEARING	N 85°5'7.57" E
EXTERNAL DISTANCE	7.953'		
MIDDLE ORDINATE	7.929'		
RADIUS	2624.807'		
DEG	2°10'58.29"		
DELTA	8°54'33.6"		
LENGTH	408.150'		
PT STATION	120+35.55		
TANGENT STATION	120+35.55		
DISTANCE	2394.968'	BEARING	N 80°37'50.19" E
ARC			
PC STATION	144+30.52		
PI STATION	159+20.88		
TAN	1490.357'		
DB	N 80°37'50.37" E		
DA	S 50°30'30.61" E		
LCHORD DISTANCE	2713.833'	BEARING	S 74°56'20.12" E
EXTERNAL DISTANCE	322.641'		
MIDDLE ORDINATE	293.753'		
RADIUS	3280.842'		
DEG	1°44'46.95"		
DELTA	48°51'39.02"		
LENGTH	2797.845'		
PT STATION	172+28.36		
TANGENT STATION	172+28.36		
DISTANCE	2077.449'	BEARING	S 50°30'30.63" E
ARC			
PC STATION	193+05.81		
PI STATION	201+21.83		
TAN	816.016'		
DB	S 50°30'31.61" E		
DA	S 85°2'58.64" E		
LCHORD DISTANCE	1558.450'	BEARING	S 67°46'45.12" E
EXTERNAL DISTANCE	123.924'		
MIDDLE ORDINATE	118.337'		
RADIUS	2624.697'		
DEG	2°10'58.61"		
DELTA	34°32'27.03"		
LENGTH	1582.303'		
PT STATION	208+88.12		
TANGENT STATION	208+88.12		
DISTANCE	2414.527'	BEARING	S 85°2'58.96" E
ARC			
PC STATION	233+02.64		
PI STATION	235+45.39		
TAN	242.744'		
DB	S 85°2'57.18" E		
DA	S 89°17'15.7" E		
LCHORD DISTANCE	485.156'	BEARING	S 87°10'6.44" E
EXTERNAL DISTANCE	4.490'		
MIDDLE ORDINATE	4.487'		
RADIUS	6559.837'		
DEG	0°52'24.36"		
DELTA	4°14'18.52"		
LENGTH	485.266'		
PT STATION	237+87.91		

ALIGNMENT: STH 29 EB CONT.

TANGENT STATION	237+87.91		
DISTANCE	18933.603'	BEARING	S 89°17'13.28" E
TANGENT STATION	427+21.51		
DISTANCE	1759.890'	BEARING	S 89°17'13.23" E
ARC			
PC STATION	444+81.4		
PI STATION	454+09.47		
TAN	928.065'		
DB	S 89°17'17.58" E		
DA	N 51°46'0.96" E		
LCHORD DISTANCE	1749.963'	BEARING	N 71°14'21.69" E
EXTERNAL DISTANCE	159.241'		
MIDDLE ORDINATE	150.133'		
RADIUS	2624.788'		
DEG	2°10'58.34"		
DELTA	38°56'41.46"		
LENGTH	1784.110'		
PT STATION	462+65.51		
TANGENT STATION	462+65.51		
DISTANCE	736.961'	BEARING	N 51°45'58.89" E
ARC			
PC STATION	470+02.47		
PI STATION	476+69.62		
TAN	667.144'		
DB	N 51°45'58.34" E		
DA	N 87°1'9.29" E		
LCHORD DISTANCE	1271.645'	BEARING	N 69°23'33.81" E
EXTERNAL DISTANCE	103.438'		
MIDDLE ORDINATE	98.581'		
RADIUS	2099.733'		
DEG	2°43'43.38"		
DELTA	35°15'10.94"		
LENGTH	1291.927'		
PT STATION	482+94.4		
TANGENT STATION	482+94.4		
DISTANCE	1712.487'	BEARING	N 87°1'9.45" E
ARC			
PC STATION	500+06.89		
PI STATION	502+36.42		
TAN	229.538'		
DB	N 87°1'9.05" E		
DA	S 84°58'35.32" E		
LCHORD DISTANCE	457.956'	BEARING	S 88°58'43.14" E
EXTERNAL DISTANCE	8.020'		
MIDDLE ORDINATE	8.000'		
RADIUS	3280.756'		
DEG	1°44'47.11"		
DELTA	8°0'15.63"		
LENGTH	458.329'		
PT STATION	504+65.22		
TANGENT STATION	504+65.22		
DISTANCE	4906.680'	BEARING	S 84°58'35.73" E
ARC			
PC STATION	553+71.9		
PI STATION	558+12.02		
TAN	440.125'		
DB	S 84°58'34.69" E		
DA	S 68°1'15.83" E		
LCHORD DISTANCE	870.632'	BEARING	S 76°29'55.26" E
EXTERNAL DISTANCE	32.620'		
MIDDLE ORDINATE	32.264'		
RADIUS	2952.834'		
DEG	1°56'25.32"		
DELTA	16°57'18.85"		
LENGTH	873.816'		
PT STATION	562+45.71		
TANGENT STATION	562+45.71		
DISTANCE	3913.769'	BEARING	S 68°1'15.07" E

ALIGNMENT: STH 29 EB CONT.

ARC			
PC STATION	601+59.48		
PI STATION	606+85.19		
TAN	525.706'		
DB	S 68°1'17.37" E		
DA	S 74°8'6.42" E		
LCHORD DISTANCE	1049.917'	BEARING	S 71°4'41.89" E
EXTERNAL DISTANCE	14.027'		
MIDDLE ORDINATE	14.007'		
RADIUS	9844.300'		
DEG	0°34'55.27"		
DELTA	6°6'49.05"		
LENGTH	1050.415'		
PT STATION	612+09.9		
TANGENT STATION	612+09.9		
DISTANCE	2352.111'	BEARING	S 74°8'8.27" E
ARC			
PC STATION	635+62.01		
PI STATION	654+73.61		
TAN	1911.601'		
DB	S 74°8'8.82" E		
DA	N 57°34'50.42" E		
LCHORD DISTANCE	3488.807'	BEARING	N 81°43'21.3" E
EXTERNAL DISTANCE	408.798'		
MIDDLE ORDINATE	373.043'		
RADIUS	4265.066'		
DEG	1°20'36.15"		
DELTA	48°17'1.76"		
LENGTH	3594.221'		
PT STATION	671+56.23		
TANGENT STATION	671+56.23		
DISTANCE	2146.272'	BEARING	N 57°34'51.37" E
ARC			
PC STATION	693+02.5		
PI STATION	697+27.55		
TAN	425.050'		
DB	N 57°34'49.39" E		
DA	N 69°54'18.01" E		
LCHORD DISTANCE	845.188'	BEARING	N 63°44'33.7" E
EXTERNAL DISTANCE	22.880'		
MIDDLE ORDINATE	22.747'		
RADIUS	3936.773'		
DEG	1°27'19.44"		
DELTA	12°19'28.62"		
LENGTH	846.820'		
PT STATION	701+49.32		
TANGENT STATION	701+49.32		
DISTANCE	2278.358'	BEARING	N 69°54'17.18" E
ARC			
PC STATION	724+27.68		
PI STATION	741+66.3		
TAN	1738.627'		
DB	N 69°54'17.11" E		
DA	N 2°51'44.9" E		
LCHORD DISTANCE	2898.924'	BEARING	N 36°23'1.01" E
EXTERNAL DISTANCE	523.617'		
MIDDLE ORDINATE	436.530'		
RADIUS	2624.674'		
DEG	2°10'58.68"		
DELTA	67°2'32.21"		
LENGTH	3071.154'		
PT STATION	754+98.83		
TANGENT STATION	754+98.83		
DISTANCE	1461.731'	BEARING	N 2°51'44.49" E

ALIGNMENT: STH 29 EB CONT.

TANGENT STATION	754+98.83		
DISTANCE	1461.731'	BEARING	N 2°51'44.49" E
ARC			
PC STATION	769+60.56		
PI STATION	799+80.08		
TAN	3019.519'		
DB	N 2°51'44.81" E		
DA	N 77°50'9.05" E		
LCHORD DISTANCE	4791.944'	BEARING	N 40°20'56.93" E
EXTERNAL DISTANCE	1024.598'		
MIDDLE ORDINATE	813.013'		
RADIUS	3937.005'		
DEG	1°27'19.13"		
DELTA	74°58'24.24"		
LENGTH	5151.700'		
PT STATION	821+12.26		
ARC			
PC STATION	821+12.26		
PI STATION	825+71.16		
TAN	458.898'		
DB	N 77°50'9.71" E		
DA	S 88°52'4.35" E		
LCHORD DISTANCE	911.625'	BEARING	N 84°29'2.68" E
EXTERNAL DISTANCE	26.653'		
MIDDLE ORDINATE	26.474'		
RADIUS	3937.220'		
DEG	1°27'18.84"		
DELTA	13°17'45.95"		
LENGTH	913.674'		
PT STATION	830+25.94		
TANGENT STATION	830+25.94		
DISTANCE	1151.530'	BEARING	S 88°52'2.47" E
END STATION	841+77.47		
ALIGNMENT LENGTH	74177.47'		

ALIGNMENT: STH 29 WB

TANGENT STATION	1238+00		
DISTANCE	18933.603'	BEARING	S 89°17'13.32" E
TANGENT STATION	1427+33.6		
DISTANCE	1759.889'	BEARING	S 89°17'13.85" E
ARC			
PC STATION	1444+93.49		
PI STATION	1454+00.68		
TAN	907.186'		
DB	S 89°17'13.73" E		
DA	N 51°45'58.63" E		
LCHORD DISTANCE	1710.585'	BEARING	N 71°14'22.45" E
EXTERNAL DISTANCE	155.665'		
MIDDLE ORDINATE	146.761'		
RADIUS	2565.616'		
DEG	2°13'59.58"		
DELTA	38°56'47.64"		
LENGTH	1743.967'		
PT STATION	1462+37.46		
TANGENT STATION	1462+37.46		
DISTANCE	736.964'	BEARING	N 51°45'58.79" E
ARC			
PC STATION	1469+74.42		
PI STATION	1476+60.33		
TAN	685.906'		
DB	N 51°45'58.84" E		
DA	N 87°1'9.85" E		
LCHORD DISTANCE	1307.407'	BEARING	N 69°23'34.34" E
EXTERNAL DISTANCE	106.347'		
MIDDLE ORDINATE	101.354'		
RADIUS	2158.783'		
DEG	2°39'14.68"		
DELTA	35°15'11.01"		
LENGTH	1328.260'		
PT STATION	1483+02.68		
TANGENT STATION	1483+02.68		
DISTANCE	1712.487'	BEARING	N 87°1'9.09" E
ARC			
PC STATION	1500+15.17		
PI STATION	1502+48.84		
TAN	233.669'		
DB	N 87°1'11.06" E		
DA	S 84°58'37.01" E		
LCHORD DISTANCE	466.199'	BEARING	S 88°58'42.98" E
EXTERNAL DISTANCE	8.163'		
MIDDLE ORDINATE	8.143'		
RADIUS	3340.239'		
DEG	1°42'55.15"		
DELTA	8°0'11.93"		
LENGTH	466.579'		
PT STATION	1504+81.75		
TANGENT STATION	1504+81.75		
DISTANCE	4906.680'	BEARING	S 84°58'35.73" E
ARC			
PC STATION	1553+88.43		
PI STATION	1558+37.36		
TAN	448.928'		
DB	S 84°58'34.36" E		
DA	S 68°1'16.41" E		
LCHORD DISTANCE	888.045'	BEARING	S 76°29'55.39" E
EXTERNAL DISTANCE	33.272'		
MIDDLE ORDINATE	32.909'		
RADIUS	3011.938'		
DEG	1°54'8.24"		
DELTA	16°57'17.94"		
LENGTH	891.294'		
PT STATION	1562+79.72		
TANGENT STATION	1562+79.72		
DISTANCE	3913.766'	BEARING	S 68°1'15.01" E

ALIGNMENT: STH 29 WB CONT.

ARC			
PC STATION	1601+93.49		
PI STATION	1607+16.04		
TAN	522.555'		
DB	S 68°1'15.62" E		
DA	S 74°8'7.94" E		
LCHORD DISTANCE	1043.622'	BEARING	S 71°4'41.78" E
EXTERNAL DISTANCE	13.945'		
MIDDLE ORDINATE	13.925'		
RADIUS	9783.824'		
DEG	"0°35'8.22"		
DELTA	"6°6'52.32"		
LENGTH	1044.118'		
PT STATION	1612+37.61		
TANGENT STATION	1612+37.61		
DISTANCE	2352.111'	BEARING	S 74°8'8.27" E
ARC			
PC STATION	1635+89.72		
PI STATION	1654+74.85		
TAN	1885.130'		
DB	S 74°8'8.32" E		
DA	N 57°34'50.99" E		
LCHORD DISTANCE	3440.499'	BEARING	N 81°43'21.34" E
EXTERNAL DISTANCE	403.135'		
MIDDLE ORDINATE	367.875'		
RADIUS	4206.033'		
DEG	1°21'44.02"		
DELTA	"48°17'0.7"		
LENGTH	3544.451'		
PT STATION	1671+34.17		
TANGENT STATION	1671+34.17		
DISTANCE	2146.274'	BEARING	N 57°34'51.1" E
ARC			
PC STATION	1692+80.44		
PI STATION	1697+11.87		
TAN	431.426'		
DB	N 57°34'50.41" E		
DA	N 69°54'18.11" E		
LCHORD DISTANCE	857.867'	BEARING	N 63°44'34.26" E
EXTERNAL DISTANCE	23.222'		
MIDDLE ORDINATE	23.088'		
RADIUS	3995.910'		
DEG	1°26'1.9"		
DELTA	12°19'27.7"		
LENGTH	859.523'		
PT STATION	1701+39.96		
TANGENT STATION	1701+39.96		
DISTANCE	2278.355'	BEARING	N 69°54'17.08" E
ARC			
PC STATION	1724+18.32		
PI STATION	1741+17.83		
TAN	1699.510'		
DB	N 69°54'17.3" E		
DA	N 2°51'44.66" E		
LCHORD DISTANCE	2833.700'	BEARING	N 36°23'0.98" E
EXTERNAL DISTANCE	511.837'		
MIDDLE ORDINATE	426.709'		
RADIUS	2565.616'		
DEG	"2°13'59.58"		
DELTA	"67°2'32.64"		
LENGTH	3002.054'		
PT STATION	1754+20.37		
TANGENT STATION	1754+20.37		
DISTANCE	1442.666'	BEARING	N 2°51'44.75" E

ALIGNMENT: STH 29 WB CONT.

ARC			
PC STATION	1768+63.04		
PI STATION	1797+80.07		
TAN	2917.031'		
DB	N 2°51'44.66" E		
DA	N 75°7'10.4" E		
LCHORD DISTANCE	4712.149'	BEARING	N 38°59'27.53" E
EXTERNAL DISTANCE	951.421'		
MIDDLE ORDINATE	768.459'		
RADIUS	3996.061'		
DEG	1°26'1.7"		
DELTA	"72°15'25.74"		
LENGTH	5039.533'		
PT STATION	1819+02.57		
ARC			
PC STATION	1819+02.57		
PI STATION	1824+64.65		
TAN	562.075'		
DB	N 75°7'10.4" E		
DA	S 88°52'2.54" E		
LCHORD DISTANCE	1113.191'	BEARING	N 83°7'33.93" E
EXTERNAL DISTANCE	39.336'		
MIDDLE ORDINATE	38.953'		
RADIUS	3996.061'		
DEG	1°26'1.7"		
DELTA	16°0'47.06"		
LENGTH	1116.822'		
PT STATION	1830+19.4		
TANGENT STATION	1830+19.4		
DISTANCE	1152.108'	BEARING	S 88°52'2.95" E
END STATION	1841+71.5		
ALIGNMENT LENGTH	60371.50'		

ALIGNMENT: STH 29 WB TO USH 53 NB RAMP A

TANGENT DISTANCE	STATION 3315+00	BEARING	N 78°2'50.64" W
ARC			
PC STATION	3315+26.87		
PI STATION	3315+99.94		
TAN	73.066'		
DB	N 78°2'50.64" W		
DA	N 76°10'58.12" W		
LCHORD DISTANCE	146.113'	BEARING	N 77°6'54.38" W
EXTERNAL DISTANCE	.594'		
MIDDLE ORDINATE	.594'		
RADIUS	4490.000'		
DEG	1°16'33.87"		
DELTA	1°51'52.52"		
LENGTH	146.119'		
PT STATION	3316+72.99		
TANGENT DISTANCE	STATION 3316+72.99	BEARING	N 76°10'58.12" W
	27.009'		
TANGENT DISTANCE	STATION 3317+00	BEARING	N 75°6'13.25" W
	81.424'		
ARC			
PC STATION	3317+81.42		
PI STATION	3321+62.18		
TAN	380.758'		
DB	N 74°35'28.75" W		
DA	N 24°47'16.56" W		
LCHORD DISTANCE	690.719'	BEARING	N 49°41'22.65" W
EXTERNAL DISTANCE	84.069'		
MIDDLE ORDINATE	76.254'		
RADIUS	820.209'		
DEG	6°59'7.82"		
DELTA	49°48'12.18"		
LENGTH	712.953'		
PT STATION	3324+94.38		
TANGENT DISTANCE	STATION 3324+94.38	BEARING	N 24°47'16.47" W
	415.953'		
ARC			
PC STATION	3329+10.33		
PI STATION	3332+98.74		
TAN	388.408'		
DB	N 24°47'16.53" W		
DA	S 74°46'30.06" W		
LCHORD DISTANCE	593.167'	BEARING	N 65°0'23.24" W
EXTERNAL DISTANCE	142.208'		
MIDDLE ORDINATE	108.588'		
RADIUS	459.317'		
DEG	12°28'26.81"		
DELTA	80°26'13.41"		
LENGTH	644.832'		
PT STATION	3335+55.16		
TANGENT DISTANCE	STATION 3335+55.16	BEARING	S 74°46'31.13" W
	246.855'		
ARC			
PC STATION	3338+02.01		
PI STATION	3341+38.53		
TAN	336.512'		
DB	S 74°46'28.94" W		
DA	N 48°30'5.43" W		
LCHORD DISTANCE	592.237'	BEARING	N 76°51'48.25" W
EXTERNAL DISTANCE	85.032'		
MIDDLE ORDINATE	74.825'		
RADIUS	623.356'		
DEG	9°11'29.41"		
DELTA	56°43'25.64"		
LENGTH	617.133'		
PT STATION	3344+19.15		
TANGENT DISTANCE	STATION 3344+19.15	BEARING	N 48°30'4.65" W
	229.707'		
END STATION	3346+48.85		
ALIGNMENT LENGTH	3148.85'		

ALIGNMENT: USH 53 NB TO STH 29 WB LOOP A

TANGENT DISTANCE	STATION 2641+00	BEARING	N 24°19'56.03" W
ARC			
PC STATION	2647+02.93		
PI STATION	2647+99.44		
TAN	96.501'		
DB	N 24°19'56.89" W		
DA	N 1°10'1.75" E		
LCHORD DISTANCE	188.244'	BEARING	N 11°34'57.57" W
EXTERNAL DISTANCE	10.782'		
MIDDLE ORDINATE	10.516'		
RADIUS	426.482'		
DEG	13°26'4.27"		
DELTA	25°29'58.64"		
LENGTH	189.807'		
PT STATION	2648+92.74		
ARC			
PC STATION	2648+92.74		
PI STATION	2652+20.82		
TAN	328.084'		
DB	N 1°9'57.58" E		
DA	S 88°50'2.42" E		
LCHORD DISTANCE	463.981'	BEARING	N 46°9'57.58" E
EXTERNAL DISTANCE	135.897'		
MIDDLE ORDINATE	96.094'		
RADIUS	328.084'		
DEG	17°27'49.53"		
DELTA	90°0'0"		
LENGTH	515.353'		
PT STATION	2654+08.09		
ARC			
PC STATION	2654+08.09		
PI STATION	2666+46.46		
TAN	1434.747'		
DB	S 88°50'2.43" E		
DA	S 65°24'18.81" W		
LCHORD DISTANCE	639.657'	BEARING	S 11°42'51.81" E
EXTERNAL DISTANCE	1143.696'		
MIDDLE ORDINATE	254.949'		
RADIUS	328.084'		
DEG	17°27'49.53"		
DELTA	154°14'21.24"		
LENGTH	883.196'		
PT STATION	2662+91.29		
ARC			
PC STATION	2662+91.29		
PI STATION	2664+40.84		
TAN	149.551'		
DB	S 65°24'18.69" W		
DA	N 75°56'58.22" W		
LCHORD DISTANCE	282.253'	BEARING	S 84°43'40.24" W
EXTERNAL DISTANCE	25.459'		
MIDDLE ORDINATE	24.025'		
RADIUS	426.509'		
DEG	13°26'1.17"		
DELTA	38°38'43.09"		
LENGTH	287.675'		
PT STATION	2665+78.97		
TANGENT DISTANCE	STATION 2665+78.97	BEARING	N 75°56'53.99" W
	67.496'		
END STATION	2666+46.46		
ALIGNMENT LENGTH	2546.46'		

ALIGNMENT: USH 53 NB TO STH 29 EB RAMP B

TANGENT DISTANCE	STATION 2687+00	BEARING	N 3°13'38.29" E
ARC			
PC STATION	2692+84.16		
PI STATION	2696+54.69		
TAN	370.530'		
DB	N 3°13'38.27" E		
DA	N 51°50'58.37" E		
LCHORD DISTANCE	675.344'	BEARING	N 27°32'18.32" E
EXTERNAL DISTANCE	79.811'		
MIDDLE ORDINATE	72.733'		
RADIUS	820.207'		
DEG	6°59'7.89"		
DELTA	48°37'20.1"		
LENGTH	696.043'		
PT STATION	2699+80.21		
TANGENT DISTANCE	STATION 2699+80.21	BEARING	N 51°50'59.37" E
	233.590'		
ARC			
PC STATION	2702+13.8		
PI STATION	2706+28.51		
TAN	414.709'		
DB	N 51°50'57.19" E		
DA	S 87°21'45.7" E		
LCHORD DISTANCE	777.428'	BEARING	N 72°14'35.75" E
EXTERNAL DISTANCE	74.596'		
MIDDLE ORDINATE	69.920'		
RADIUS	1115.473'		
DEG	5°8'11.24"		
DELTA	40°47'17.12"		
LENGTH	794.090'		
PT STATION	2710+07.89		
TANGENT DISTANCE	STATION 2710+07.89	BEARING	S 87°21'45.89" E
	65.616'		
END STATION	2710+73.5		
ALIGNMENT LENGTH	2373.50'		

ALIGNMENT: STH 29 EB TO USH 53 NB LOOP B

ARC		
PC STATION	3386+00	
PI STATION	3386+83.04	
TAN	83.043'	
DB	S 74°8'8.13" E	
DA	S 52°5'59.74" E	
LCHORD DISTANCE	163.025'	BEARING S 63°7'3.94" E
EXTERNAL DISTANCE	8.009'	
MIDDLE ORDINATE	7.862'	
RADIUS	426.510'	
DEG	13°26'1.05"	
DELTA	22°2'8.39"	
LENGTH	164.034'	
PT STATION	3387+64.03	
ARC		
PC STATION	3387+64.03	
PI STATION	3392+75.46	
TAN	511.427'	
DB	S 52°6'0.05" E	
DA	S 67°53'58.77" W	
LCHORD DISTANCE	511.430'	BEARING S 7°53'59.36" W
EXTERNAL DISTANCE	295.272'	
MIDDLE ORDINATE	147.637'	
RADIUS	295.275'	
DEG	19°24'15.24"	
DELTA	119°59'58.82"	
LENGTH	618.420'	
PT STATION	3393+82.45	
ARC		
PC STATION	3393+82.45	
PI STATION	3395+46.41	
TAN	163.959'	
DB	S 67°54'0.45" W	
DA	N 54°0'55.44" W	
LCHORD DISTANCE	286.685'	BEARING N 83°3'27.5" W
EXTERNAL DISTANCE	42.467'	
MIDDLE ORDINATE	37.127'	
RADIUS	295.275'	
DEG	19°24'15.04"	
DELTA	58°5'4.12"	
LENGTH	299.340'	
PT STATION	3396+81.79	
ARC		
PC STATION	3396+81.79	
PI STATION	3397+93.49	
TAN	111.694'	
DB	N 54°0'55.81" W	
DA	N 24°39'54.24" W	
LCHORD DISTANCE	216.100'	BEARING N 39°20'25.03" W
EXTERNAL DISTANCE	14.383'	
MIDDLE ORDINATE	13.914'	
RADIUS	426.503'	
DEG	13°26'1.92"	
DELTA	29°21'1.57"	
LENGTH	218.481'	
PT STATION	3399+00.27	
TANGENT STATION	3399+00.27	
DISTANCE	234.063'	BEARING N 24°39'56.95" W
END STATION	3401+34.34	
ALIGNMENT LENGTH	1534.34'	

ALIGNMENT: STH 29 EB TO USH 53 SB RAMP C

TANGENT STATION	3347+00	
DISTANCE	590.815'	BEARING S 67°6'1.88" E
ARC		
PC STATION	3352+90.81	
PI STATION	3356+97.76	
TAN	406.948'	
DB	S 68°49'3.11" E	
DA	S 21°1'55.45" E	
LCHORD DISTANCE	744.149'	BEARING S 44°55'29.28" E
EXTERNAL DISTANCE	86.101'	
MIDDLE ORDINATE	78.723'	
RADIUS	918.644'	
DEG	6°14'13.18"	
DELTA	47°47'7.67"	
LENGTH	766.162'	
PT STATION	3360+56.98	
TANGENT STATION	3360+56.98	
DISTANCE	269.677'	BEARING S 21°1'52.88" E
ARC		
PC STATION	3363+26.65	
PI STATION	3365+58.82	
TAN	232.168'	
DB	S 21°1'54.57" E	
DA	S 74°39'40.6" E	
LCHORD DISTANCE	414.405'	BEARING S 47°50'47.59" E
EXTERNAL DISTANCE	55.342'	
MIDDLE ORDINATE	49.391'	
RADIUS	459.320'	
DEG	12°28'26.52"	
DELTA	53°37'46.03"	
LENGTH	429.929'	
PT STATION	3367+56.58	
TANGENT STATION	3367+56.58	
DISTANCE	267.874'	BEARING S 74°39'41.09" E
ARC		
PC STATION	3370+24.46	
PI STATION	3375+75.98	
TAN	551.523'	
DB	S 74°39'40.9" E	
DA	S 6°49'34.79" E	
LCHORD DISTANCE	915.354'	BEARING S 40°44'37.85" E
EXTERNAL DISTANCE	168.184'	
MIDDLE ORDINATE	139.566'	
RADIUS	820.211'	
DEG	6°59'7.77"	
DELTA	67°50'6.11"	
LENGTH	971.085'	
PT STATION	3379+95.54	
ARC		
PC STATION	3379+95.54	
PI STATION	3382+71.73	
TAN	276.186'	
DB	S 6°44'29.01" E	
DA	S 1°58'5.41" W	
LCHORD DISTANCE	550.777'	BEARING S 2°23'11.8" E
EXTERNAL DISTANCE	10.501'	
MIDDLE ORDINATE	10.471'	
RADIUS	3626.773'	
DEG	1°34'47.28"	
DELTA	8°42'34.42"	
LENGTH	551.308'	
PT STATION	3385+46.85	
END STATION	3385+46.85	
ALIGNMENT LENGTH	3846.85'	

ALIGNMENT: USH 53 SB TO STH 29 EB LOOP C

ARC		
PC STATION	2667+00	
PI STATION	2668+67	
TAN	167.005'	
DB	S 30°46'40.94" E	
DA	S 11°59'19.64" W	
LCHORD DISTANCE	311.017'	BEARING S 9°23'40.65" E
EXTERNAL DISTANCE	31.531'	
MIDDLE ORDINATE	29.360'	
RADIUS	426.509'	
DEG	13°26'1.13"	
DELTA	42°46'0.58"	
LENGTH	318.356'	
PT STATION	2670+18.36	
ARC		
PC STATION	2670+18.36	
PI STATION	2679+19.76	
TAN	901.402'	
DB	S 11°59'19.82" W	
DA	N 28°0'40.31" W	
LCHORD DISTANCE	616.596'	BEARING S 81°59'19.76" W
EXTERNAL DISTANCE	631.168'	
MIDDLE ORDINATE	215.873'	
RADIUS	328.084'	
DEG	17°27'49.53"	
DELTA	139°59'59.87"	
LENGTH	801.660'	
PT STATION	2678+20.02	
ARC		
PC STATION	2678+20.02	
PI STATION	2682+99.85	
TAN	479.836'	
DB	N 28°0'40.23" W	
DA	N 83°15'52.76" E	
LCHORD DISTANCE	541.658'	BEARING N 27°37'36.27" E
EXTERNAL DISTANCE	253.192'	
MIDDLE ORDINATE	142.907'	
RADIUS	328.084'	
DEG	17°27'49.5"	
DELTA	111°16'32.99"	
LENGTH	637.182'	
PT STATION	2684+57.2	
ARC		
PC STATION	2684+57.2	
PI STATION	2685+35.42	
TAN	78.224'	
DB	N 83°15'53" E	
DA	S 75°56'58.23" E	
LCHORD DISTANCE	153.882'	BEARING S 86°20'32.62" E
EXTERNAL DISTANCE	7.114'	
MIDDLE ORDINATE	6.997'	
RADIUS	426.509'	
DEG	13°26'1.15"	
DELTA	20°47'8.77"	
LENGTH	154.729'	
PT STATION	2686+11.93	
TANGENT STATION	2686+11.93	
DISTANCE	70.846'	BEARING S 75°56'54.52" E
END STATION	2686+82.77	
ALIGNMENT LENGTH	1982.77'	

ALIGNMENT: STH 29 WB TO USH 53 SB LOOP D

ARC		
PC STATION	3295+00	
PI STATION	3295+98.91	
TAN	98.909'	
DB	N 68°1'15.24" W	
DA	N 54°16'7.25" W	
LCHORD DISTANCE	196.394'	BEARING N 61°8'41.25" W
EXTERNAL DISTANCE	5.942'	
MIDDLE ORDINATE	5.899'	
RADIUS	820.204'	
DEG	6°59'7.99"	
DELTA	13°45'7.99"	
LENGTH	196.867'	
PT STATION	3296+96.87	
ARC		
PC STATION	3296+96.87	
PI STATION	3295+00	
TAN	11743.434'	
DB	S 54°16'7.56" E	
DA	N 49°8'59.68" W	
LCHORD DISTANCE	1048.820'	BEARING N 38°17'26.38" E
EXTERNAL DISTANCE	11230.227'	
MIDDLE ORDINATE	548.375'	
RADIUS	524.933'	
DEG	10°54'53.51"	
DELTA	185°7'7.88"	
LENGTH	1696.025'	
PT STATION	3313+92.89	
TANGENT STATION	3313+92.89	
DISTANCE	220.110'	BEARING S 49°9'0.43" E
END STATION	3316+13	
ALIGNMENT LENGTH	2113.00'	

ALIGNMENT: USH 53 SB TO CTH OO LOOP E

TANGENT STATION	2748+00	
DISTANCE	427.298'	BEARING S 35°2'44.72" W
ARC		
PC STATION	2752+27.3	
PI STATION	2753+24.34	
TAN	97.038'	
DB	S 35°2'43.11" W	
DA	S 61°40'17.69" W	
LCHORD DISTANCE	188.860'	BEARING S 48°21'30.4" W
EXTERNAL DISTANCE	11.325'	
MIDDLE ORDINATE	11.020'	
RADIUS	410.079'	
DEG	13°58'18.86"	
DELTA	26°37'34.58"	
LENGTH	190.570'	
PT STATION	2754+17.87	
ARC		
PC STATION	2754+17.87	
PI STATION	2767+15.36	
TAN	1499.240'	
DB	S 61°40'13.63" W	
DA	N 40°35'46.66" E	
LCHORD DISTANCE	548.337'	BEARING N 38°51'59.86" W
EXTERNAL DISTANCE	1246.084'	
MIDDLE ORDINATE	227.874'	
RADIUS	278.871'	
DEG	20°32'44.14"	
DELTA	158°55'33.03"	
LENGTH	773.528'	
PT STATION	2761+91.4	
TANGENT STATION	2761+91.4	
DISTANCE	523.964'	BEARING N 40°35'46.94" E
END STATION	2767+15.36	
ALIGNMENT LENGTH	1915.36'	

ALIGNMENT: CTH OO TO USH 53 NB LOOP F

TANGENT STATION	2789+00	
DISTANCE	425.476'	BEARING S 30°54'28.49" W
ARC		
PC STATION	2793+25.48	
PI STATION	2794+29.2	
TAN	103.722'	
DB	S 30°54'32.24" W	
DA	S 2°31'12.68" W	
LCHORD DISTANCE	201.112'	BEARING S 16°42'52.46" W
EXTERNAL DISTANCE	12.914'	
MIDDLE ORDINATE	12.520'	
RADIUS	410.076'	
DEG	13°58'19.13"	
DELTA	28°23'19.55"	
LENGTH	203.184'	
PT STATION	2795+28.66	
ARC		
PC STATION	2795+28.66	
PI STATION	2806+21.55	
TAN	1092.886'	
DB	S 2°31'17.37" W	
DA	N 31°9'3.05" E	
LCHORD DISTANCE	540.426'	BEARING S 73°9'49.79" E
EXTERNAL DISTANCE	849.033'	
MIDDLE ORDINATE	209.921'	
RADIUS	278.871'	
DEG	"20°32'44.16"	
DELTA	151°22'14.32"	
LENGTH	736.755'	
PT STATION	2802+65.41	
TANGENT STATION	2802+65.41	
DISTANCE	720.215'	BEARING N 31°9'3.44" E
END STATION	2809+85.63	
ALIGNMENT LENGTH	2085.63'	

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REMOVALS						REMARKS
STATION	LOCATION	204.0100 REMOVING PAVEMENT SY	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	
USH 53						
2501+13 - 2501+38	SB LT	28				FOR APPROACH SLAB REPLACEMENT
2508+93 - 2509+11	SB LT	48				FOR APPROACH SLAB REPLACEMENT
2616+28 - 2616+44	NB RT	38				FOR APPROACH SLAB REPLACEMENT
CTH T						
2072+11 - 2072+42	SB LT	34				FOR SHOULDER REPLACEMENT
2072+27 - 2072+42	SB LT & RT	63				FOR APPROACH SLAB REPLACEMENT
2074+61 - 2074+76	SB LT & RT	49				FOR APPROACH SLAB REPLACEMENT
2123+47 - 2123+87	NB RT	34				FOR SHOULDER REPLACEMENT
2123+73 - 2123+88	NB LT & RT	49				FOR APPROACH SLAB REPLACEMENT
2126+07 - 2126+22	NB LT & RT	63				FOR APPROACH SLAB REPLACEMENT
90TH ST						
2195+02 - 2195+26	LT			12		FOR MEDIAN REPAIR
2197+36 - 2197+41	LT			3		FOR MEDIAN REPAIR
CTH OO						
3445+48 - 3445+66	EB RT	48				FOR APPROACH SLAB REPLACEMENT
3445+56 - 3445+64	EB LT			9	13	FOR MEDIAN REPLACEMENT
3448+14 - 3448+31	EB RT	45				FOR APPROACH SLAB REPLACEMENT
3448+12 - 3448+17	EB LT			5	13	FOR MEDIAN REPLACEMENT
3496+35 - 3496+53	WB LT	48				FOR MEDIAN REPLACEMENT
3496+50 - 3496+55	WB RT			5		FOR MEDIAN REPLACEMENT
3499+00 - 3449+19	WB RT	48				FOR APPROACH SLAB REPLACEMENT
3499+03 - 3499+11	WB RT			8		FOR MEDIAN REPLACEMENT
UNDISTRIBUTED					45	FOR SPOT REPLACEMENT
LOOP A						
2644+69 - 2665+22	LT		753			FOR TEMP WIDENING
2644+69 - 2665+22	LT		549			TEMP WIDENING REMOVAL
RAMP A						
3316+07 - 3324+94	LT		301			FOR TEMP WIDENING
3316+07 - 3324+94	LT		151			TEMP WIDENING REMOVAL
3324+94 - 3338+02	RT		546			FOR TEMP WIDENING
3324+94 - 3338+02	RT		219			TEMP WIDENING REMOVAL
3338+02 - 3343+53	RT		189			FOR TEMP WIDENING
3338+02 - 3343+53	RT		126			TEMP WIDENING REMOVAL
LOOP B						
3386+86 - 3339+99	LT		537			FOR TEMP WIDENING
3387+32 - 3398+51	LT		476			TEMP WIDENING REMOVAL
LOOP C						
2667+80 - 2685+56	LT		697			FOR TEMP WIDENING
2668+40 - 2685+32	LT		605			TEMP WIDENING REMOVAL
RAMP C						
3363+35 - 3369+46	RT		341			FOR TEMP WIDENING
3363+35 - 3369+46	RT		206			TEMP WIDENING REMOVAL
3368+04 - 3381+01	LT		477			FOR TEMP WIDENING
3368+04 - 3378+74	LT		182			TEMP WIDENING REMOVAL
LOOP D						
3297+52 - 3311+45	LT		479			FOR TEMP WIDENING
3297+52 - 3311+45	LT		401			TEMP WIDENING REMOVAL
3313+29 - 3314+43	LT		96			FOR GORE REPLACEMENT
LOOP E						
2749+88 - 2761+62	LT		304	300		FOR TEMP WIDENING
2749+88 - 2761+62	LT		516			TEMP WIDENING REMOVAL
LOOP F						
2792+94 - 2803+90	RT		236	425		FOR TEMP WIDENING
2792+94 - 2803+90	RT		726			TEMP WIDENING REMOVAL
ITEM TOTALS		595	9113	752	86	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

EXCAVATION

STATION	LOCATION	205.0100 COMMON CY	AIR FILL CY	EXPAND FILL CY	208.0100 BORROW CY	WASTE CY	REMARKS
90TH ST							
2195+11 - 2195+26	LT	20				20	FOR NEW APPROACH SLAB
2195+11 - 2195+26	RT	13				13	FOR NEW APPROACH SLAB
2197+37 - 2197+52	LT	16				16	FOR NEW APPROACH SLAB
2197+37 - 2197+52	LT & RT	22				22	FOR NEW APPROACH SLAB
RAMP A							
3315+40 - 3324+94	RT	176				176	FOR SHOULDER REPLACEMENT
3316+07 - 3324+94	LT	64	49	64	64		FOR TEMPORARY WIDENING
3324+94 - 3338+02	LT	143				143	FOR SHOULDER REPLACEMENT
3324+94 - 3338+02	RT	196	151	196	196		FOR TEMPORARY WIDENING
3338+02 - 3342+21	RT	77				77	FOR SHOULDER REPLACEMENT
3338+02 - 3343+53	LT	49	38	49	49		FOR TEMPORARY WIDENING
LOOP B							
3386+00 - 3399+00	RT	239				239	FOR SHOULDER REPLACEMENT
3386+86 - 3399+99	LT	209	161	209	209		FOR TEMPORARY WIDENING
RAMP B							
2644+15 - 2665+23	LT	225	173	225	225		FOR TEMPORARY WIDENING
2647+03 - 2663+76	RT	307				307	FOR SHOULDER REPLACEMENT
LOOP C							
2667+80 - 2684+50	RT	307				307	FOR SHOULDER REPLACEMENT
2667+80 - 2685+56	LT	190	146	190	190		FOR TEMPORARY WIDENING
RAMP C							
3363+27 - 3367+57	LT	46				46	FOR SHOULDER REPLACEMENT
3363+35 - 3369+46	RT	139	107	139	139		FOR TEMPORARY WIDENING
3368+04 - 3381+01	LT	94	72	94	94		FOR TEMPORARY WIDENING
3370+24 - 3381+00	RT	199				199	FOR SHOULDER REPLACEMENT
LOOP D							
3297+52 - 3311+45	LT	150	115	150	150		FOR TEMPORARY WIDENING
3301+20 - 3309+70	RT	157				157	FOR SHOULDER REPLACEMENT
LOOP E							
2749+88 - 2758+66	LT	112	86	112	112		FOR TEMPORARY WIDENING
2752+27 - 2761+92	RT	177				177	FOR SHOULDER REPLACEMENT
LOOP F							
2792+94 - 2799+68	RT	134	103	134	134		FOR TEMPORARY WIDENING
2793+25 - 2802+65	LT	173				173	FOR SHOULDER REPLACEMENT
ITEM TOTALS		3634	1201	1562	1562	2072	

NOTES:
1) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN COMMON EXCAVATION.
2) FILL DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUME.
3) FILL WILL BE BACKFILLED WITH CUT OR BORROW.
4) POSITIVE BORROW INDICATES A SHORTAGE OF MATERIAL.
5) EXPANSION FACTOR=1.3.

FINISHING ROADWAY (1190-03-62)

STA	LOCATION	213.0100 EACH
USH 53	LT & RT	1
ITEM TOTAL		1

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BASE AGGREGATE DENSE				
		305.0110	305.0120	
STATION	LOCATION	3/4-INCH TON	1 1/4-INCH TON	REMARKS
STH 29				
1495+32 - 1495+86	WB LT		14	FOR CONCRETE REPLACEMENT
495+43 - 495+55	EB RT		2	FOR CONCRETE REPAIR
495+58 - 495+68	EB RT		4	FOR CONCRETE REPAIR
497+22 - 498+94	EB RT		23	FOR CONCRETE REPLACEMENT
497+23 - 497+28	EB RT		1	FOR CONCRETE REPAIR
1497+32 - 1497+42	WB LT		4	FOR CONCRETE REPAIR
1497+47 - 1497+57	WB LT		2	FOR CONCRETE REPAIR
497+53 - 497+58	EB RT		1	FOR CONCRETE REPAIR
1497+72 - 1497+92	WB LT		3	FOR CONCRETE REPLACEMENT
602+10 - 602+35	EB RT		5	FOR CONCRETE REPLACEMENT
602+10 - 602+16	EB RT		1	FOR CONCRETE REPAIR
602+28 - 602+34	EB RT		1	FOR CONCRETE REPAIR
602+41 - 602+46	EB RT		1	FOR CONCRETE REPAIR
1602+71 - 1602+84	WB LT		4	FOR CONCRETE REPAIR
1602+86 - 1602+96	WB LT		5	FOR CONCRETE REPAIR
1603+01 - 1603+07	WB LT		3	FOR CONCRETE REPAIR
605+02 - 605+09	EB RT		2	FOR CONCRETE REPAIR
605+17 - 605+23	EB RT		2	FOR CONCRETE REPAIR
605+29 - 605+35	EB RT		1	FOR CONCRETE REPAIR
1605+40 - 1605+50	WB LT		2	FOR CONCRETE REPAIR
1605+56 - 1605+66	WB LT		4	FOR CONCRETE REPAIR
1605+72 - 1605+82	WB LT		4	FOR CONCRETE REPAIR
1605+86 - 1605+92	WB LT		2	FOR CONCRETE REPAIR
611+27 - 611+56	EB RT		8	FOR CONCRETE REPLACEMENT
1611+86 - 1612+21	WB LT		10	FOR CONCRETE REPLACEMENT
1612+03 - 1612+14	WB LT		2	FOR CONCRETE REPAIR
614+15 - 614+60	EB RT		15	FOR CONCRETE REPLACEMENT
1614+87-1615+07	WB LT		3	FOR CONCRETE REPLACEMENT
1614+97 - 1615+07	WB LT		3	FOR CONCRETE REPAIR
1621+83 - 1621+92	WB LT		2	FOR CONCRETE REPAIR
1621+93 - 1621+99	WB LT		3	FOR CONCRETE REPLACEMENT
622+49 - 622+56	EB RT		4	FOR CONCRETE REPAIR
622+67 - 622+73	EB RT		3	FOR CONCRETE REPAIR
1626+89 - 1626+95	WB LT		1	FOR CONCRETE REPAIR
1627+10 - 1627+16	WB LT		1	FOR CONCRETE REPAIR
627+15 - 627+21	EB RT		2	FOR CONCRETE REPAIR
USH 53				
2500+07 - 2500+99	SB LT		15	FOR CONCRETE REPLACEMENT
2501+13 - 2501+33	SB LT		3	FOR APPROACH SLAB REPLACEMENT
2503+58 - 2503+81	SB LT		11	FOR CONCRETE REPLACEMENT
2508+54 - 2508+70	SB LT		8	FOR CONCRETE REPLACEMENT
2508+91 - 2509+11	SB LT		6	FOR APPROACH SLAB REPLACEMENT
2511+31 - 2511+68	SB LT		15	FOR CONCRETE REPLACEMENT
2605+89 - 2606+53	NB RT		19	FOR CONCRETE REPLACEMENT
2606+51 - 2606+69	NB LT		1	FOR CONCRETE REPLACEMENT
2606+00 - 2606+53	NB RT		8	FOR CONCRETE REPLACEMENT
2609+16 - 2609+39	NB RT		13	FOR CONCRETE REPLACEMENT
2611+20 - 2613+62	NB RT		9	FOR CONCRETE REPLACEMENT
2613+71 - 2614+00	NB RT		14	FOR CONCRETE REPLACEMENT
2616+28 - 2616+44	NB RT		4	FOR APPROACH SLAB REPLACEMENT
2616+44 - 2617+15	NB RT		9	FOR CONCRETE REPLACEMENT
2616+59 - 2617+15	NB RT		9	FOR CONCRETE REPLACEMENT
CTH T				
2071+69 - 2072+42	SB LT & RT		39	FOR CONCRETE REPLACEMENT
2074+61 - 2075+26	SB LT & RT		23	FOR CONCRETE REPLACEMENT
2123+17 - 2123+87	NB LT & RT		29	FOR CONCRETE REPLACEMENT
2126+07 - 2126+71	NB LT & RT		31	FOR CONCRETE REPLACEMENT
90TH ST				
2195+02 - 2195+26	LT		2	FOR MEDIAN REPAIR
2195+11 - 2195+26	LT		6	NEW APPROACH SLAB
2195+11 - 2195+26	RT		4	NEW APPROACH SLAB
2197+36 - 2197+41	LT		1	FOR MEDIAN REPAIR
2197+36 - 2197+52	LT		5	NEW APPROACH SLAB
2197+36 - 2197+52	LT & RT		7	NEW APPROACH SLAB
ITEM SUBTOTALS		0	439	

BASE AGGREGATE DENSE CONT.				
		305.0110	305.0120	
STATION	LOCATION	3/4-INCH TON	1 1/4-INCH TON	REMARKS
CTH OO				
3445+15 - 3445+34	EB RT		3	FOR CONCRETE REPLACEMENT
3445+15 - 3445+40	EB RT		4	FOR CONCRETE REPLACEMENT
3445+48 - 3445+66	EB RT		6	FOR APPROACH SLAB REPLACEMENT
3444+56 - 3444+64	EB LT		2	FOR MEDIAN REPLACEMENT
3448+12 - 3448+17	EB LT		2	FOR MEDIAN REPLACEMENT
3448+14 - 3448+31	EB RT		5	FOR APPROACH SLAB REPLACEMENT
3448+39 - 3448+65	EB RT		4	FOR CONCRETE REPLACEMENT
3448+31 - 3448+73	EB RT		5	FOR CONCRETE REPLACEMENT
3496+01 - 3496+35	WB LT		10	FOR CONCRETE REPLACEMENT
3496+35 - 3496+53	WB LT		6	FOR APPROACH SLAB REPLACEMENT
3499+00 - 3499+19	WB LT		6	FOR APPROACH SLAB REPLACEMENT
3499+29 - 3499+60	WB LT		5	FOR CONCRETE REPLACEMENT
3499+34 - 3499+60	WB LT		4	FOR CONCRETE REPLACEMENT
LOOP A				
2644+69 - 2665+23	LT	96	686	FOR TEMPORARY WIDENING
2647+03 - 2663+76	RT	165	103	FOR SHOULDER REPLACEMENT
RAMP A				
3316+07 - 3324+94	LT	41	260	FOR TEMPORARY WIDENING
3315+40 - 3324+94	RT	94	59	FOR SHOULDER REPLACEMENT
3324+94 - 3338+02	LT	61	48	FOR SHOULDER REPLACEMENT
3324+94 - 3338+02	RT	17	300	FOR TEMPORARY WIDENING
3338+02 - 3342+21	RT	41	26	FOR SHOULDER REPLACEMENT
3338+02 - 3343+53	LT	41	214	FOR TEMPORARY WIDENING
3344+74 - 3344+80	LT		1	FOR CONCRETE REPAIR
3344+56 - 3344+80	LT		5	FOR CONCRETE REPLACEMENT
LOOP B				
3386+00 - 3399+00	RT	128	80	FOR SHOULDER REPLACEMENT
3386+86 - 3399+99	LT	61	499	FOR TEMPORARY WIDENING
RAMP B				
2964+13 - 2964+49	LT		7	FOR CONCRETE REPLACEMENT
LOOP C				
2667+63 - 2667+67	LT		1	FOR CONCRETE REPAIR
2667+78 - 2667+82	LT		1	FOR CONCRETE REPAIR
2667+80 - 2684+50	RT	164	102	FOR SHOULDER REPLACEMENT
2667+80 - 2685+56	LT	88	666	FOR TEMPORARY WIDENING
2667+96 - 2668+00	LT		1	FOR CONCRETE REPAIR
2668+14 - 2668+18	LT		1	FOR CONCRETE REPAIR
2668+26 - 2668+47	LT		4	FOR CONCRETE REPLACEMENT
RAMP C				
3353+38 - 3353+48	LT		2	FOR CONCRETE REPAIR
3356+31 - 3356+60	LT		5	FOR CONCRETE REPLACEMENT
3363+27 - 3367+57	LT	20	15	FOR SHOULDER REPLACEMENT
3363+35 - 3369+46	RT	20	236	FOR TEMPORARY WIDENING
3368+04 - 3381+01	LT	53	361	FOR TEMPORARY WIDENING
3370+24 - 3381+00	RT	106	66	FOR SHOULDER REPLACEMENT
LOOP D				
3297+52 - 3311+45	LT	48	419	FOR TEMPORARY WIDENING
3301+20 - 3309+70	RT	84	53	FOR SHOULDER REPLACEMENT
LOOP E				
2749+88 - 2761+62	LT	42	385	FOR TEMPORARY WIDENING
2752+27 - 2761+92	RT	95	59	FOR SHOULDER REPLACEMENT
LOOP F				
2792+94 - 2803+90	RT	33	408	FOR TEMPORARY WIDENING
2793+25 - 2802+65	LT	44	58	FOR SHOULDER REPLACEMENT
2794+65 - 2794+69	LT		1	FOR CONCRETE REPAIR
ITEM SUBTOTALS		1542	5194	
ITEM TOTALS		1542	5633	

CONCRETE PAVEMENT HES 10-INCH				
		415.1100 CONCRETE PAVEMENT HES 10-INCH	*416.0610 DRILLED TIE BARS EACH	
STATION	LOCATION	SY		REMARKS
CTH T				
2072+11 - 2072+42	SB LT	34		FOR SHOULDER REPLACEMENT-TIES INCIDENTAL
2123+57 - 2123+75	NB RT	34		FOR SHOULDER REPLACEMENT-TIES INCIDENTAL
90TH ST				
2197+37 - 2197+52	LT	6		FOR SHOULDER REPLACEMENT-TIES INCIDENTAL
2197+37 - 2197+52	RT	6		FOR SHOULDER REPLACEMENT-TIES INCIDENTAL
LOOP A				
2647+03 - 2663+76	RT	922	669	FOR SHOULDER REPLACEMENT
RAMP A				
3315+40 - 3324+94	RT	529	381	FOR SHOULDER REPLACEMENT
3324+94 - 3338+02	LT	428	523	FOR SHOULDER REPLACEMENT
3338+02 - 3342+21	RT	232	167	FOR SHOULDER REPLACEMENT
LOOP B				
3386+00 - 3399+00	RT	717	520	FOR SHOULDER REPLACEMENT
LOOP C				
2667+80 - 2684+50	RT	921	668	FOR SHOULDER REPLACEMENT
RAMP C				
3363+27 - 3367+57	LT	138	172	FOR SHOULDER REPLACEMENT
3370+24 - 3381+00	RT	596	430	FOR SHOULDER REPLACEMENT
LOOP D				
3301+20 - 3309+70	RT	470	340	FOR SHOULDER REPLACEMENT
LOOP E				
2752+27 - 2761+92	RT	530	385	FOR SHOULDER REPLACEMENT
LOOP F				
2793+25 - 2802+65	LT	518	376	FOR SHOULDER REPLACEMENT
ITEM TOTALS		6081	4631	
*QUANTITY SHOWN ELSEWHERE IN PLANS				
NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.				

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CONCRETE PAVEMENT APPROACH SLAB HES					
STATION	LOCATION	415.1410 CONCRETE PAVEMENT APPROACH SLAB HES SY	*416.0610 DRILLED TIE BARS EACH	*416.0620 DRILLED DOWEL BARS EACH	REMARKS
USH 53					
2501+13 - 2501+33	SB LT	28	16	11	APPROACH SLAB REPLACEMENT
2508+93 - 2509+11	SB LT	48	15	23	APPROACH SLAB REPLACEMENT
2616+28 - 2616+44	NB RT	38	7		APPROACH SLAB REPLACEMENT
CTH T					
2072+27 - 2072+42	SB LT & RT	63	5		APPROACH SLAB REPLACEMENT
2074+61 - 2074+76	SB LT & RT	49	5		APPROACH SLAB REPLACEMENT
2123+73 - 2123+88	NB LT & RT	49	5		APPROACH SLAB REPLACEMENT
2126+07 - 2126+22	NB LT & RT	63	5		APPROACH SLAB REPLACEMENT
90TH ST					
2195+10 - 2195+25	LT	51	6		NEW APPROACH SLAB
2195+10 - 2195+25	RT	34	6		NEW APPROACH SLAB
2197+36 - 2197+52	LT	34			NEW APPROACH SLAB
2197+36 - 2197+52	LT & RT	51			NEW APPROACH SLAB
CTH OO					
3445+48 - 3445+66	EB RT	48	11	22	APPROACH SLAB REPLACEMENT
3448+14 - 3448+31	EB RT	46	11	22	APPROACH SLAB REPLACEMENT
3496+35 - 3496+53	WB LT	48	12		APPROACH SLAB REPLACEMENT
3499+00 - 3499+19	WB LT	48	11	22	APPROACH SLAB REPLACEMENT
ITEM TOTALS		698	115	100	
* QUANTITY SHOWN ELSEWHERE IN PLANS					

HMA PAVEMENT					
STATION	LOCATION	455.0605 TACK COAT GAL	460.5224 4 LT 58-28 S TON	460.6244 4 LT 58-34 S TON	460.4000 HMA COLD WEATHER PAVING TON
LOOP A					
2644+15 - 2665+23	LT	78	146	146	292
RAMP A					
3316+07 - 3324+94	LT	27	51	51	102
3324+94 - 3338+02	RT	46	86	86	172
3338+02 - 3343+53	LT	19	36	36	72
LOOP B					
3386+86 - 3399+99	LT	61	114	114	228
LOOP C					
2667+80 - 2685+56	LT	78	146	146	292
RAMP C					
3363+35 - 3369+46	RT	33	62	62	124
3368+04 - 3381+01	LT	40	74	74	148
LOOP D					
3297+52 - 3311+45	LT	53	99	99	198
3313+29 - 3314+43	LT	6	11	11	22
LOOP E					
2749+88 - 2761+62	LT	49	92	92	184
LOOP F					
2792+94 - 2803+90	LT	58	108	108	216
ITEM TOTALS		548	1025	1025	2050

CONCRETE PAVEMENT REPAIR SHES			
STATION	LOCATION	*416.0620 DRILLED DOWEL BARS EACH	416.1715 CONCRETE PAVEMENT REPAIR SHES SY
STH 29			
495+43 - 495+55	EB RT	44	18
495+58 - 495+68	EB RT	44	29
497+23 - 497+28	EB RT	22	7
1497+32 - 1497+42	WB LT	44	29
1497+47 - 1497+57	WB LT	44	20
497+53 - 497+58	EB RT	22	7
602+10 - 602+16	EB RT	22	8
602+28 - 602+34	EB RT	22	8
602+41 - 602+46	EB RT	26	8
1602+71 - 1602+84	WB LT	68	36
1602+86 - 1602+96	WB LT	66	42
1603+01 - 1603+07	WB LT	66	25
605+02 - 605+09	EB RT	48	17
605+17 - 605+23	EB RT	48	17
605+29 - 605+35	EB RT	22	8
1605+40 - 1605+50	WB LT	22	13
1605+56 - 1605+66	WB LT	66	37
1605+72 - 1605+82	WB LT	66	37
1605+86 - 1605+92	WB LT	44	17
1612+03 - 1612+14	WB LT	22	14
1614+97-1615+07	WB LT	44	25
1621+83 - 1621+92	WB LT	26	15
622+49 - 622+56	EB RT	80	32
622+67 - 622+73	EB RT	76	27
1626+89 - 1626+95	WB LT	22	9
1627+10 - 1627+16	WB LT	22	9
627+15 - 627+21	EB RT	44	16
RAMP A			
3344+74 - 3344+80	LT	1	1
LOOP C			
2667+63 - 2667+67	LT	26	7
2667+78 - 2667+82	LT	28	7
2667+96 - 2668+00	LT	26	7
2668+14 - 2668+18	LT	26	7
RAMP C			
3353+38 - 3353+48	LT	28	16
LOOP F			
2794+65 - 2794+69	RT	26	7
ITEM TOTALS		1303	582

<u>CURB REPAIR</u>				
		509.1200	**509.2500	*SPV.0090.01
		CURB	CONCRETE	CONCRETE CURB &
		REPAIR	MASONRY	GUTTER CURE AND
STATION	LOCATION	LF	OVERLAY DECKS	SEAL TREATMENT
		LF	CY	LF
CTH T				
2126+21 - 2126+23	NB LT	2	0.20	2
CTH OO				
UNDISTRIBUTED		20	2.00	20
ITEM TOTALS		22	2.20	22
*QUANTITIY SHOWN ELSEWHERE IN PLANS				

CONCRETE PAVEMENT REPLACEMENT SHES				
STATION	LOCATION	*416.0610 DRILLED TIE BARS EACH	*416.0620 DRILLED DOWEL BARS EACH	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES SY
STH 29				
1495+32 - 1495+86	WB LT	8	48	132
497+22 - 498+94	EB RT	65	26	206
1497+72 - 1497+92	WB LT		26	31
602+10 - 602+35	EB RT	8	26	39
611+27 - 611+56	EB RT	6	48	72
1611+86 - 1612+21	WB LT	9	48	83
614+15 - 614+60	EB RT	4	50	130
1614+87-1615+07	WB LT	6	22	26
1621+83-1621+99	WB LT	9	22	22
USH 53				
2500+07 - 2500+99	SB LT	50	74	136
2503+58 - 2503+81	SB LT		74	97
2508+54 - 2508+70	SB LT		74	68
2511+31 - 2511+68	SB LT	5	74	136
2605+89 - 2606+53	NB RT	4	22	174
2606+00 - 2606+53	NB RT	22	22	71
2606+51 - 2606+69	NB LT	7	4	11
2609+16 - 2609+39	NB RT		88	116
2611+20 - 2613+62	NB RT	80	4	82
2613+71 - 2614+00	NB RT		73	123
2616+44 - 2616+80	NB RT	6	18	77
2616+59 - 2617+15	NB RT	14	22	75
CTH T				
2071+69 - 2072+27	SB LT & RT		37	248
2074+76 - 2075+26	SB LT & RT		24	156
2123+17 - 2123+73	NB LT & RT		24	175
2126+22 - 2126+71	NB LT & RT		36	209
CTH OO				
3445+15 - 3445+34	EB RT		22	25
3445+15 - 3445+40	EB RT	2	22	33
3448+39 - 3448+65	EB RT		22	35
3448+39 - 3448+73	EB RT	3	22	45
3496+01 - 3496+35	WB LT			89
3499+29 - 3499+60	WB LT	2	22	41
3499+34 - 3499+60	WB LT		22	35
RAMP A				
3344+56 - 3344+80	LT		30	42
RAMP B				
2964+13 - 2964+49	LT		26	61
LOOP C				
2668+26 - 2668+47	LT		26	35
RAMP C				
3356+31 - 3356+60	LT		28	49
ITEM TOTALS		288	1228	3185
* QUANTITY SHOWN ELSEWHERE IN PLANS				

CONCRETE APPROACH SLAB REPAIR			
STATION	LOCATION	509.0302 PREPARATION DECKS TYPE 2 SY	509.2600 CONCRETE MASONRY OVERLAY APPROACHES CY
STH 29 WB			
1495+91 - 1495+94	WB LT	1	0.25
UNDISTRIBUTED		3	0.75
ITEM TOTALS		4	1.00
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CONCRETE CURB & GUTTER					
STATION	LOCATION	*416.0610 DRILLED TIE BARS EACH	601.0409 30-INCH TYPE A LF	601.0452 INTEGRAL 30-INCH TYPE D LF	*SPV.0090.01 CURE AND SEAL TREATMENT LF
USH 53 2606+51 - 2606+54	NB LT			3	3
CTH T 2072+11 - 2072+27 2123+57 - 2123+75	SB LT NB RT			16 18	16 18
CTH OO 3445+55 - 3445+64 3448+12 - 3448+17 3496+50 - 3496+55 3499+03 - 3499+11	EB LT EB LT WB RT WB RT		9 5 5 8		9 5 5 8
LOOP E 2758+66 - 2761+62	LT	120	300		300
LOOP F 2799+68 - 2803+90	LT	170	425		425
ITEM TOTALS		290	752	37	789
* QUANTITY SHOWN ELSEWHERE IN PLANS.					

CONCRETE SIDEWALK					
STATION	LOCATION	602.0405 4-INCH SF	SPV.0165.01 CURE AND SEAL TREATMENT SF	REMARKS	
90TH ST 2195+02 - 2195+26 2197+36 - 2197+41	LT LT	110 24	110 24		
CTH OO 3444+56 - 3444+64 3448+12 - 3448+17 UNDISTRIBUTED	EB LT EB LT	114 114 405	114 114 405	FOR SPOT REPLACEMENT	
ITEM TOTALS		633	633		

GUARDRAIL					
STATION	LOCATION	614.0400 ADJUSTING STEEL PLATE BEAM GUARD LF	614.0920 SALVAGED RAIL LF	614.0950 REPLACING GUARDRAIL POSTS AND BLOCKS EACH	614.0951 REPLACING GUARDRAIL RAIL AND HARDWARE LF
CTH T 2213+57 - 2213+75	NB RT		25	9	25
USH 53 2513+08 - 2513+58	SB LT	50			EXISTING TOO LOW
ITEM TOTALS		50	25	9	25

ADJUSTING INLET COVERS		
STATION	LOCATION	611.8115 EACH
CTH T 2072+23 2123+68	SB LT NB RT	1 1
ITEM TOTAL		2

MOBILIZATION	
STATION	619.1000 EACH
USH 53	1
ITEM TOTAL	1

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SALVAGED TOPSOIL, MULCHING, SEEDING ITEMS						
STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB
LOOP A 2644+15 - 2665+23	LT	2342	2342	1.5	63	63
RAMP A 3316+07 - 3324+94 3324+94 - 3338+02 3338+02 - 3343+53	LT RT LT	986 1453 612	986 1453 612	0.6 0.9 0.4	27 39 17	27 39 17
LOOP B 3386+86 - 3399+99	LT	1459	1459	0.9	39	39
LOOP C 2667+80 - 2685+56	LT	1973	1973	1.2	53	53
RAMP C 3363+35 - 3369+46 3368+04 - 3381+01	RT LT	679 1441	679 1441	0.4 0.9	18 39	18 39
LOOP D 3297+52 - 3311+45 3313+29 - 3314+43	LT LT	1548 127	1548 127	1 0.1	42 3	42 3
LOOP E 2749+88 - 2761+62	LT	1304	1304	0.8	35	35
LOOP F 2792+94 - 2803+90	LT	1218	1218	0.8	33	33
UNDISTRIBUTED			3786	2.4	102	102
ITEM TOTALS		15142	18928	11.9	510	510

DELINEATORS			
STATION	LOCATION	204.0180 REMOVING DELINEATORS AND MARKERS EACH	633.0100 DELINEATOR POSTS STEEL EACH
USH 53 UNDISTRIBUTED		115	115
ITEM TOTALS		115	115

STATION	LOCATION	633.0500 DELINEATORS REFLECTORS EACH
USH 53 UNDISTRIBUTED		115
ITEM TOTALS		115

EROSION CONTROL ITEMS			
STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF
LOOP A 2644+15 - 2665+23	LT	2000	2000
RAMP A 3316+07 - 3324+94 3324+94 - 3338+02 3338+02 - 3343+53	LT RT LT	850 1350 550	850 1350 550
LOOP B 3386+86 - 3399+99	LT	1200	1200
LOOP C 2667+80 - 2685+56	LT	1750	1750
RAMP C 3363+35 - 3369+46 3368+04 - 3381+01	RT LT	650 1050	650 1050
LOOP D 3297+52 - 3311+45	LT	1500	1500
LOOP E 2749+88 - 2761+62	LT	1250	1250
LOOP F 2792+94 - 2803+90	LT	1150	1150
ITEM TOTALS		13300	13300

MOBILIZATIONS EROSION CONTROL		
STATION	628.1905 EROSION CONTROL EACH	628.1910 EMERGENCY EROSION CONTROL EACH
USH 53	1	1
ITEM TOTALS	1	1

FIELD OFFICE TYPE C	
STATION	642.5201 EACH
USH 53	1
ITEM TOTAL	1

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SIGNING ITEMS																			REMARKS
SIGN GROUP NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.0101 SIGNS TYPE I SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.1230 SIGNS TYPE I REFLECTIVE F SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0814 POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	638.2601 REMOVING SIGNS TYPE I EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	
1-1	D10-2	MILE 69	12 X 36				3.00			1								1	
1-2	D10-2	MILE 69	12 X 36				3.00			1								1	
1-3		EXIT 69	108 X 30		22.50											1		1	
		CTH T	240 X 90		150.00														
		EAU CLAIRE [RA]																	
1-4	E5-1A	EXIT 69	72 X 60				30.00						2				1	2	
1-5	W3-1	STOP AHEAD	36 X 36						9.00		1								INSTALL
1-6	R7-64	NO PARKING ON RAMP	48 X 30				10.00			1									INSTALL
1-7	D1-1	EAU CLAIRE [RA]	78 X 15				8.13			2							1	2	
1-8	R7-64	NO PARKING ON RAMP	48 X 30														1	1	REMOVE
1-9	W3-1	STOP AHEAD	36 X 36														1	1	REMOVE
1-10	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48														1	2	REMOVE
2-1	W3-3	SIGNALS AHEAD																	EXISTING TO REMAIN
2-2	W3-3	SIGNALS AHEAD																	EXISTING TO REMAIN
2-3	J4-1	SOUTH CTH T																	EXISTING TO REMAIN
2-4	R6-2R	ONE WAY RIGHT	24 X 30				5.00			1							1	1	
2-5	R1-1	STOP	30 X 30				5.18			1							1	1	
2-6	R1-1	STOP	30 X 30				5.18			1							1	1	
	R6-3	DIVIDED HIGHWAY	30 X 24				5.00												
2-7	R5-1A	WRONG WAY	36 X 24				6.00			1							1	1	
	J13-1	CTH T	24 X 45				7.50												
		DOUBLE ARROW																	
2-8	R5-1A	WRONG WAY	36 X 24				6.00			1							1	1	
2-9	R5-1	DO NOT ENTER	30 X 30				6.25			1							1	1	
2-10	R4-7	KEEP RIGHT	24 X 30				5.00			1							1	1	
2-11	R5-1	DO NOT ENTER	30 X 30				6.25			1							1	1	
	R3-1	NO RIGHT TURN	24 X 24				4.00												
2-12	R5-1A	WRONG WAY	36 X 24				6.00					1					1	1	
	J3-1	EAST	24 X 57				9.50												
		STH 29																	
		LEFT ARROW																	
2-13	D1-2	[UA] EAU CLAIRE	96 X 30				20.00			2							1	2	
		[LA] CHIPPEWA FALLS																	
2-14	R6-2L	ONE WAY LEFT	24 X 30				5.00			1							1	1	
2-15	R4-7	KEEP RIGHT	24 X 30				5.00			1							1	1	
2-16	R7-64	NO PARKING ON RAMP	48 X 30				10.00			1							1	1	
2-17	R4-7	KEEP RIGHT	24 X 30				5.00			1							1	1	
	R3-2	NO LEFT TURN	24 X 24				4.00												
2-18	R6-2R	ONE WAY RIGHT	24 X 30				5.00			1							1	1	
2-19	R5-1	DO NOT ENTER	30 X 30				6.25					1					1	2	
	J3-3	WEST	72 X 57				28.50												INSTALL
		STH 29																	
		[RA]																	
	J3-3	EAST --- WEST	72 X 57														1	2	REMOVE
		STH 29 CTH T STH 29																	
		[UA] [UA] [RA]																	
2-20	J1-1	JCT	24 X 36				6.00			1							1	1	
		STH 29																	
2-21	R5-1A	WRONG WAY	36 X 24				6.00										1	1	
	J3-3	WEST --- EAST	72 X 57				28.50					2							INSTALL
		STH 29 CTH T STH 29																	
		[USE LEFT LANE] [UA] [RA]																	
2-22	R5-1	DO NOT ENTER	30 X 30				6.25					1							INSTALL
	J3-1	EAST	24 X 57				9.50												
		STH 29																	
		AHEAD ARROW																	
	J3-3	WEST --- EAST	72 X 57														1	2	REMOVE
		STH 29 CTH T STH 29																	
		[UA] [UA] [RA]																	
2-23	R7-64	NO PARKING ON RAMP	48 X 30				10.00			1							1	1	
2-24	R3-2	NO LEFT TURN	24 X 24				4.00			1							1	1	
	R4-7	KEEP RIGHT	24 X 30				5.00												
2-25	R6-2L	ONE WAY LEFT	24 X 30				5.00			1							1	1	
2-26	D1-1	[LA] MENOMONIE	78 X 15				8.13			2							1	2	
2-27	J3-1	WEST	24 X 57				9.50					1					1	1	
		STH 29																	
		LEFT ARROW																	
	R5-1A	WRONG WAY	36 X 24				6.00												
2-28	R3-1	NO RIGHT TURN	24 X 24				4.00			1							1	1	
	R5-1	DO NOT ENTER	30 X 30				6.25												
	R5-1	DO NOT ENTER	30 X 30				6.25			1							1	1	
2-30	R5-1A	WRONG WAY	36 X 24				6.00			1							1	1	
SHEET SUBTOTALS					172.50	0.00	346.11	0.00	9.00	4	26	6	2	0	0	1	35	43	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR
ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62	HWY:USH 53	COUNTY:CHIPPEWA	MISCELLANEOUS QUANTITIES	SHEET	E
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SIGNING ITEMS CONT.																			
SIGN GROUP NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE < H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000	REMARKS
				SIGNS TYPE I SF	SIGNS TYPE I REFLECTIVE SH SF	SIGNS TYPE I REFLECTIVE F SF	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE H FOLDING SF	SIGNS TYPE II REFLECTIVE F SF	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	
2-31	R1-1	STOP	30 X 30				5.18				1						1	1	
2-32	R6-3	DIVIDED HIGHWAY	30 X 24				5.00												
	R5-1A	WRONG WAY	36 X 24				6.00										1	1	
	J13-1	CTH T	24 X 45				7.50												
		DOUBLE ARROW																	
2-33	R1-1	STOP	30 X 30				5.18				1						1	1	
2-34	J4-1	NORTH																	EXISTING TO REMAIN
		CTH T																	
2-35	R5-1A	WRONG WAY	36 X 24				6.00						2				1	1	
	J3-3	EAST --- WEST	72 X 57				28.50												
		STH 29 CTH T STH 29																	INSTALL
		[USE LEFT LANE] [UA] [RA]																	
2-36	J1-1	JCT	24 X 39				6.50				1								INSTALL
		STH 29																	
2-37	R2-1	SPEED LIMIT 45	24 X 30				5.00				1						1	1	
2-38	J1-1	JCT	24 X 39														1	1	REMOVE
		STH 29																	
2-39	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48						16.00			2							INSTALL
2-40	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48						16.00			2							INSTALL
3-1	D1-1	[LA] EAU CLARE	78 X 15				8.13			2							1	2	
3-2	W3-1	STOP AHEAD	36 X 36						9.00		1								INSTALL
3-3	R7-64	NO PARKING ON RAMP	48 X 30				10.00												
3-4	E5-1A	EXIT 69	72 X 60				30.00												
3-5		EXIT 69	108 X 30		22.50												1		
		CTH T [TR]	240 X 90		150.00														
		EAU CLAIRE																	
3-6	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48														1	2	REMOVE
3-7	W3-1	STOP AHEAD	36 X 36														1	1	REMOVE
4-1	D10-2	MILE 72	12 X 36				3.00			1							1	1	
4-2	D10-2	MILE 72	12 X 36				3.00			1							1	1	
4-3		EXIT 72	108 X 30		22.50											1			
		BUS STH 29 [TR]	312 X 96		208.00														
		CHIPPEWA FALLS																	
4-4	E5-1A	EXIT 72	72 X 60				30.00							2			1	2	
4-5	W3-1	STOP AHEAD	36 X 36						9.00			1							INSTALL
4-6	R7-64	NO PARKING ON RAMP	48 X 30				10.00					1							INSTALL
4-7	J2-1	BUSINESS	24 X 57				9.50								1		1	1	
		STH 29																	
		LEFT ARROW																	
4-8	R7-64	NO PARKING ON RAMP	48 X 30														1	1	REMOVE
4-9	W3-1	STOP AHEAD	36 X 36														1	1	REMOVE
5-1	R1-1	STOP	30 X 30				5.18				1						1	1	
5-2	R1-1	STOP	30 X 30				5.18				1						1	1	
	R6-3	DIVIDED HIGHWAY	30 X 24				5.00												
5-3	R5-1A	WRONG WAY	36 X 24				6.00				2						1	2	
	D1-1	[LA] CHIPPEWA FALLS	96 X 15				10.00												
5-4	R5-1A	WRONG WAY	36 X 24				6.00				1						1	1	
5-5	R5-1	DO NOT ENTER	30 X 30				6.25				1						1	1	
5-6	R6-2R	ONE WAY RIGHT	24 X 30				5.00				1						1	1	
5-7	R3-2	NO LEFT TURN	24 X 24				4.00				1						1	1	
	R4-7	KEEP RIGHT	24 X 30				5.00												
5-8	R3-1	NO RIGHT TURN	24 X 24				4.00				1						1	1	
	R5-1	DO NOT ENTER	30 X 30				6.25												
5-9		ROAD ENDS 800 FEET	60 X 24						10.00										ON OVERHEAD SUPPORT
5-10	R5-1A	WRONG WAY	36 X 24				6.00							2			1	1	
	J3-2	EAST TO	48 X 57				19.00												
		STH 29 USH 53																	
		[LA] [LA]																	
5-11	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48				16.00					2					1	2	
5-12	D1-2	[LA] CHIPPEWA FALLS	96 X 24				16.00				2								
		GREEN BAY																	
5-13	R4-7	KEEP RIGHT	24 X 30				5.00				1						1	1	
5-14	R6-2L	ONE WAY LEFT	24 X 30				5.00				1						1	1	
5-15	R7-64	NO PARKING ON RAMP	48 X 30				10.00				1						1	1	
5-16	R4-7	KEEP RIGHT	24 X 30				5.00				1						1	1	
	R3-1	NO RIGHT TURN	24 X 24				4.00				1								
5-17	R6-2R	ONE WAY RIGHT	24 X 30				5.00				1						1	1	
5-18	D1-1	MENOMONIE [RA]	78 X 15				8.13			2									INSTALL
5-19	R5-1A	WRONG WAY	36 X 24				6.00							2					INSTALL
	J3-4	EAST TO WEST TO	96 X 57				38.00												INSTALL
		STH 29 USH 53 STH 29 IH 94																	
		[UA] [UA] [AARA] [AARA]																	
SHEET SUBTOTALS					403.00	0.00	389.47	0.00	60.00	6	26	6	4	3	0	1	31	35	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62	HWY:USH 53	COUNTY:CHIPPEWA	MISCELLANEOUS QUANTITIES	SHEET	E
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SIGNING ITEMS CONT.																			
SIGN GROUP NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE < H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000	REMARKS
				SIGNS TYPE I SF	SIGNS TYPE I REFLECTIVE SH SF	SIGNS TYPE I REFLECTIVE F SF	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE H FOLDING SF	SIGNS TYPE II REFLECTIVE F SF	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	
5-20	J1-1	JCT STH 29	24 X 39														1	1	REMOVE
5-21	J3-3	WEST BUSINESS EAST STH 29 STH 29 STH 29 [UA] [UA] [RA]	72 X 69				34.50							2			1	2	
	R5-1	DO NOT ENTER	30 X 30				6.25												
5-22	R4-7	KEEP RIGHT	24 X 30				5.00												
5-23	R6-2L	ONE WAY LEFT	24 X 30				5.00				1						1	1	
5-24	R7-64	NO PARKING ON RAMP	48 X 30				10.00				1						1	1	
5-25	D1-2	[UA] CHIPPEWA FALLS [LA] MENOMONIE	96 X 30				20.00				2						1	2	
5-26	R5-1A	WRONG WAY	36 X 24				6.00					1					1	1	
	J3-1	WEST STH 29 [LA]	24 X 57				9.50												
5-27	R3-1	NO RIGHT TURN	24 X 24				4.00				1						1	1	
	R5-1	DO NOT ENTER	30 X 30				6.25												
5-28	R5-1	DO NOT ENTER	30 X 30				6.25				1						1	1	
5-29	R1-1	STOP	30 X 30				5.18				1						1	1	
	R6-3	DIVIDED HIGHWAY	30 X 24				5.00												
5-30	R1-1	STOP	30 X 30				5.18				1						1	1	
5-31	R5-1A	WRONG WAY	36 X 24				6.00				1						1	1	
5-32	R5-1A	WRONG WAY	36 X 24				6.00				2						1	2	
	D1-1	CHIPPEWA FALLS [RA]	96 X 15				10.00												
5-33	J3-1	BUSINESS STH 29	24 X 57				9.50							1			1	1	
5-34	R5-1	ADVANCED ARROW RIGHT TURN DO NOT ENTER	30 X 30				6.25												
	J3-4	EAST WEST TO STH 29 STH 29 IH 94 [UA] [LA] [LA]	96 X 57				38.00							2			1	2	
5-35	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48						16.00			2							INSTALL
5-36	R5-1A	WRONG WAY	36 X 24														1	2	REMOVE
	J3-4	EAST TO WEST TO STH 29 USH 53 STH 29 IH 94 [UA] GREEN BAY [RA] MENOMONIE	96 X 57																REMOVE
5-37	J1-1	JCT STH 29	24 X 39				6.50				1								INSTALL
5-38	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48														1	2	REMOVE
6-1	R7-64	NO PARKING ON RAMP	48 X 30				10.00				1								INSTALL
6-2	W3-1	STOP AHEAD	36 X 36						9.00		1								INSTALL
6-3	E5-1A	EXIT 72	72 X 60				30.00						2				1	2	
6-4		EXIT 72 BUS STH 29 [TR] 90TH ST	108 X 30 312 X 96			22.50 208.00										1			
6-5	W3-1	STOP AHEAD	36 X 36														1	1	REMOVE
6-6	R7-64	NO PARKING ON RAMP	48 X 30														1	1	REMOVE
6-7	W4-1R	MERGING TRAFFIC SYMBOL	48 X 48														1	2	REMOVE
7-1	M1-94	103RD ST	66 X 21				9.63			2							1	2	
7-2	M1-94	103RD ST	66 X 21				9.63			2							1	2	
8-1	E5-1B	EXIT 75A																	EXISTING TO REMAIN
8-2	E1-5P	EXIT 75A USH 53 SOUTH [TR] EAU CLAIRE																	EXISTING TO REMAIN
	E11-1	EXIT [DA] ONLY																	
8-3	W13-2	EXIT 40 MPH	48 X 60						20.00				2				1	2	
8-4	J3-1	ALTERNATE IH 94 ARROW TILT RIGHT																	EXISTING TO REMAIN
8-5	W13-2	EXIT 45 MPH	48 X 60						20.00				2				1	2	
8-6	E1-5P	EXIT 75B USH 53 NORTH SUPERIOR																	EXISTING TO REMAIN
	E1-5P	1/2 MILE EXIT 75A USH 53 SOUTH [TR] EAU CLAIRE																	EXISTING TO REMAIN
8-7	J3-1	ALTERNATE IH 94 ARROW TILT RIGHT																	EXISTING TO REMAIN
8-8	E5-1B	EXIT 75A																	EXISTING TO REMAIN
9-1	W1-8	CHEVRON	36 X 48						12.00		1								
SHEET SUBTOTALS					230.50	0.00	269.61	0.00	77.00	4.00	16	3	6	5	0	1	25	37	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62

HWY:USH 53

COUNTY:CHIPPEWA

MISCELLANEOUS QUANTITIES

SHEET

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SIGNING ITEMS CONT.																				
SIGN GROUP		SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000	REMARKS
NUMBER					SIGN TYPE I	SIGN TYPE I	SIGN TYPE I	SIGN TYPE II	SIGN TYPE II	SIGN TYPE II	POSTS WOOD	POSTS WOOD	POSTS WOOD	POSTS WOOD	POSTS WOOD	POSTS TUBULAR STEEL	REMOVING SIGNS	REMOVING SIGNS	REMOVING SMALL	
					SF	REFLECTIVE SH	REFLECTIVE F	REFLECTIVE H	REFLECTIVE H FOLDING	REFLECTIVE F	4X6-INCH X 12-FT	4X6-INCH X 14-FT	4X6-INCH X 16-FT	4X6-INCH X 18-FT	4X6-INCH X 20-FT	2X2-INCH X 14-FT	TYPE I	TYPE II	SIGN SUPPORTS	
											EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
9-2		W1-8	CHEVRON	36 X 48						12.00		1								
9-3		W1-8	CHEVRON	36 X 48						12.00		1								
9-4		W1-8	CHEVRON	36 X 48						12.00		1								
9-5		W1-8	CHEVRON	36 X 48						12.00		1								
9-6		W1-8	CHEVRON	36 X 48						12.00		1								
9-7		W1-8	CHEVRON	36 X 48						12.00		1								
9-8		W1-8	CHEVRON	36 X 48						12.00		1								
9-9		W1-8	CHEVRON	36 X 48						12.00		1								
9-10		W1-8	CHEVRON	36 X 48						12.00		1								
9-11		W1-8	CHEVRON	36 X 48						12.00		1								
9-12		W1-8	CHEVRON	36 X 48						12.00		1								
10-1		R2-1	SPEED LIMIT 65																	EXISTING TO REMAIN
10-2			WEST TO																	EXISTING TO REMAIN
			STH 29 IH 94																	
			[DA] [DA]																	
		E1-5P	EXIT 75A																	EXISTING TO REMAIN
			USH 53 SOUTH																	
			EAU CLAIRE																	
			1/4 MILE																	
		E11-1	EXIT [DA] ONLY																	
10-3		D10-2	MILE 76																	EXISTING TO REMAIN
10-4		W13-2	EXIT	48 X 60						20.00					2			1		2
			30 MPH																	
10-5		W4-3R	MERGE ADDED LANE RIGHT																	EXISTING TO REMAIN
		D10-2	MILE 76																	
10-6		W13-3	RAMP	48 X 60						20.00					2					
			30 MPH																	
10-7		W1-8	CHEVRON	36 X 48						12.00		1								
10-8		W1-8	CHEVRON	36 X 48						12.00		1								
10-9		W1-8	CHEVRON	36 X 48						12.00		1								
10-10		W1-13L	TRUCK ROLLOVER SYMBOL																	EXISTING TO REMAIN
		W13-1	30 MPH																	EXISTING TO REMAIN
10-11		W1-13L	TRUCK ROLLOVER SYMBOL																	EXISTING TO REMAIN
		W13-1	30 MPH																	EXISTING TO REMAIN
11-1		W1-8	CHEVRON	36 X 48						12.00		1								
11-2		W1-8	CHEVRON	36 X 48						12.00		1								
11-3		W1-8	CHEVRON	36 X 48						12.00		1								
11-4		W1-8	CHEVRON	36 X 48						12.00		1								
11-5		W1-8	CHEVRON	36 X 48						12.00		1								
11-6		W1-8	CHEVRON	36 X 48						12.00		1								
11-7		W1-8	CHEVRON	36 X 48						12.00		1								
11-8		W1-8	CHEVRON	36 X 48						12.00		1								
11-9		W1-8	CHEVRON	36 X 48						12.00		1								
11-10		W1-8	CHEVRON	36 X 48						12.00		1								
11-11		W1-8	CHEVRON	36 X 48						12.00		1								
11-12		W1-8	CHEVRON	36 X 48						12.00		1								
11-13		W1-8	CHEVRON	36 X 48						12.00		1								
11-14		W1-8	CHEVRON	36 X 48						12.00		1								
11-15		W1-8	CHEVRON	36 X 48						12.00		1								
11-16		W1-8	CHEVRON	36 X 48						12.00		1								
11-17		W1-8	CHEVRON	36 X 48						12.00		1								
11-18		W1-8	CHEVRON	36 X 48						12.00		1								
11-19		W1-8	CHEVRON	36 X 48						12.00		1								
11-20		W1-8	CHEVRON	36 X 48						12.00		1								
11-21		W1-8	CHEVRON	36 X 48						12.00		1								
11-22		W1-8	CHEVRON	36 X 48						12.00		1								
11-23		W1-8	CHEVRON	36 X 48						12.00		1								
11-24		W1-8	CHEVRON	36 X 48						12.00		1								
11-25		W1-8	CHEVRON	36 X 48						12.00		1								
11-26		W1-8	CHEVRON	36 X 48						12.00		1								
11-27		W1-8	CHEVRON	36 X 48						12.00		1								
11-28		W1-8	CHEVRON	36 X 48						12.00		1								
11-29		W1-8	CHEVRON	36 X 48						12.00		1								
11-30		W13-2	EXIT	48 X 60						20.00					2			1		2
			30 MPH																	
12-1		W4-3R	MERGE ADDED LANE RIGHT																	EXISTING TO REMAIN
12-2		W13-2	EXIT	48 X 60						20.00					2			1		2
			30 MPH																	
SHEET SUBTOTALS						0.00	0.00	0.00	0.00	596.00	0	43	0	8	0	0	0	3	6	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62	HWY:USH 53	COUNTY:CHIPPEWA	MISCELLANEOUS QUANTITIES	SHEET	E
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SIGNING ITEMS CONT.																				
SIGN GROUP				637.0101	637.1210	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000		
NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE x H (INCHES)	SIGNS TYPE I SF	SIGNS TYPE I REFLECTIVE H SF	SIGNS TYPE I REFLECTIVE F SF	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE H FOLDING SF	SIGNS TYPE II REFLECTIVE F SF	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	REMARKS	
12-3		STH 29 EAST GREEN BAY [DA] [DA] EXIT 75B																		EXISTING TO REMAIN
	E1-5P	USH 53 NORTH																		EXISTING TO REMAIN
	E11-1C	SUPERIOR EXIT ONLY																		
12-4	E5-1B	EXIT 75B																		EXISTING TO REMAIN
12-5	W1-8	CHEVRON	36 X 48						12.00		1									
12-6	W1-8	CHEVRON	36 X 48						12.00		1									
12-7	W1-8	CHEVRON	36 X 48						12.00		1									
12-8	W1-8	CHEVRON	36 X 48						12.00		1									
12-9	W1-8	CHEVRON	36 X 48						12.00		1									
	E1-5P	EXIT 75B																		EXISTING TO REMAIN
12-10	W1-8	CHEVRON	36 X 48						12.00		1									
12-11	W1-8	CHEVRON	36 X 48						12.00		1									
12-12	W1-8	CHEVRON	36 X 48						12.00		1									
12-13	W1-8	CHEVRON	36 X 48						12.00		1									
12-14	W1-6	NIGHT ARROW (SINGLE)	96 X 48						32.00				2				1		2	
13-1	W1-13L	TRUCK ROLLOVER SYMBOL	48 X 48						16.00											PERMANENT POLE TO REMAIN
	W13-1	30 MPH	36 X 36						9.00									1		
13-2	W1-13L	TRUCK ROLLOVER SYMBOL	48 X 48						16.00									1		PERMANENT POLE TO REMAIN
	W13-1	30 MPH	36 X 36						9.00											
13-3	W1-6	NIGHT ARROW (SINGLE)	96 X 48						32.00				2							
13-4	W13-3	RAMP	48 X 60						20.00					2						
		30 MPH																		
13-5	E5-1B	EXIT 75B																		EXISTING TO REMAIN
13-6	M1-94	130TH ST																		EXISTING TO REMAIN
13-7	E1-5P	EXIT 75A																		EXISTING TO REMAIN
		USH 53 SOUTH EAU CLAIRE 1/2 MILE																		
		USH 53 NORTH SUPERIOR [TR] EXIT 45 MPH	48 X 60						20.00					2				1		2
13-9	R2-1	SPEED LIMIT 65																		
13-10	W4-1R	MERGING TRAFFIC RIGHT																		EXISTING TO REMAIN
13-11	W1-6	NIGHT ARROW (SINGLE)	96 X 48						32.00				2							EXISTING TO REMAIN
13-12	M1-94	130TH ST																		
14-1	D10-5	ENHANCED MILE MARKER MILE 93.8	21 X 60				8.75								1		1		1	
14-2	W13-2	EXIT	48 X 60					20.00					2				1		2	
		50 MPH																		
14-3		EXIT 94	108 X 30		22.50												1			
		STH 124 CTH OO BUS USH 53 CHIPPEWA FALLS [TR]	312 X 150		325.00															
		LAKE HALLIE RAMP	48 X 60					20.00					2							
		30 MPH																		
14-5	D10-5	ENHANCED MILE MARKER MILE 93.8	21 X 60				8.75								1		1		1	
14-6	E5-1A	EXIT 94	72 X 60				30.00						2				1		2	
15-1	W4-3R	MERGE ADDED LANE RIGHT	48 X 48						16.00			2		2						INSTALL
15-2	D10-5	ENHANCED MILE MARKER MILE 94.0	21 X 60				8.75								1		1		1	
15-3	W3-3	SIGNAL AHEAD	36 X 36						9.00			1	1				1		1	
15-4	R7-64	NO PARKING ON RAMP	48 X 30				10.00				1						1		1	
15-5	R5-57	PEDESTRIANS ETC, PROHIBITED	36 X 36				9.00				1						1		1	
15-6	J4-1	NORTH USH 53	24 X 36				6.00				1						1		1	
15-7	R4-7	KEEP RIGHT	24 X 30				5.00										1			BAND TO POLE
15-8	R5-1	DO NOT ENTER	30 X 30				6.25										1			BAND TO POLE
15-9	J3-3	NORTH BUSINESS	72 X 57				28.50					2					1		2	
		STH 124 USH 53 CTH OO [LA] [LA] [DBA]																		
	R5-1A	WRONG WAY	36 X 24				6.00													
15-10	R5-1A	WRONG WAY	36 X 24				6.00				1						1		1	
15-11	R1-1F	STOP (FOLDING)	30 X 30					5.18									1			BAND TO POLE
	R6-3A	DIVIDED HIGHWAY INTERSECTION	24 X 18				3.00													BAND TO POLE
15-12	R1-1	STOP	30 X 30				5.18				1									
	R1-53	RIGHT TURN OBEY THIS SIGN	24 X 30				5.00													
15-13	W4-3R	MERGE ADDED LANE RIGHT	48 X 48															1	1	REMOVE
		EAU CLAIRE																		
SHEET SUBTOTALS					347.50	0.00	146.18	45.18	319.00	0	14	11	10	0	3	1	19	19		

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62

HWY:USH 53

COUNTY:CHIPPEWA

MISCELLANEOUS QUANTITIES

SHEET

E

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SIGNING ITEMS CONT.																			
SIGN GROUP NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000	REMARKS
				SIGNS TYPE I SF	SIGNS TYPE I REFLECTIVE SH SF	SIGNS TYPE I REFLECTIVE F SF	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE H FOLDING SF	SIGNS TYPE II REFLECTIVE F SF	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	
16-1	R5-57	PEDESTRIANS ETC, PROHIBITED	36 X 36				9.00				1						1	1	
16-2	J4-1	SOUTH USH 53	36 X 54				13.50					1					1	1	
16-3	R7-64	NO PARKING ON RAMP	48 X 30				10.00			1							1	1	
16-4	R4-7	KEEP RIGHT	24 X 30				5.00										1		BAND TO POLE
16-5	R1-1F	STOP (FOLDING)	30 X 30					5.18									1		BAND TO POLE
16-6	R5-1	DO NOT ENTER	30 X 30				6.25										1		BAND TO POLE
16-7	R3-1	NO RIGHT TURN	24 X 24				4.00												BAND TO POLE
	R5-1	DO NOT ENTER	30 X 30				6.25												BAND TO POLE
16-8	R1-1F	STOP (FOLDING)	30 X 30					5.18											BAND TO POLE
	R6-3A	DIVIDED HIGHWAY INTERSECTION	24 X 18				3.00												BAND TO POLE
16-9	W3-3	SIGNAL AHEAD	36 X 36						9.00			1					1	1	
16-10	D1-2	[LA] CHIPPEWA FALLS	96 X 24				16.00					2					1	2	
16-11	R3-5L	ARROW UP LEFT/ONLY	42 X 48				14.00										1		ON MAST ARM
	R3-5L	ARROW UP LEFT/ONLY	42 X 48				14.00												ON MAST ARM
	R3-5R	ARROW UP RIGHT/ONLY	42 X 48				14.00												ON MAST ARM
16-12	J33-2	TO BUSINESS USH 53 CTH OO	48 X 69				23.00					2					1	2	
		[TL] [DBA]																	
	R5-1A	WRONG WAY	42 X 30				8.75												
16-13	R5-1A	WRONG WAY	42 X 30				8.75			1							1	1	
16-14	R1-1	STOP	30 X 30				5.18					1					1	1	
	R1-53	RIGHT TURN OBEY THIS SIGN	24 X 30				5.00												
16-15	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-16	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-17	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-18	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-19	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-20	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-21	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-22	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-23	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-24	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-25	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-26	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-27	W1-8	CHEVRON	24 X 30						5.00	1							1	1	
16-28	E5-1A	EXIT 94	72 X 60				30.00						2				1	2	
16-29	E9-1	EAU CLAIRE NEXT 6 EXITS	144 X 54		54.00											1			
16-30	W4-1R	MERGING TRAFFIC RIGHT	48 X 48						16.00			2					1	2	
16-31	D10-5	ENHANCED MILE MARKER MILE 94.0	21 X 60				8.75								1		1	1	
17-1	W13-2A	EXIT W/180 DEGREE LOOP 25 MPH	48 X 90						30.00					2			1	2	
17-2	J3-1	ALTERNATE IH 94 [DA]	36 X 84				21.00										1		ON SIGN BRIDGE
		USH 53 SOUTH [DA] [DA]	204 X 96		136.00											1			ON SIGN BRIDGE
		EXIT 94	108 X 30		22.50														ON SIGN BRIDGE
		STH 124 CTH OO BUS USH 53 CHIPPEWA FALLS	216 X 138		207.00														ON SIGN BRIDGE
		LAKE HALLIE EXIT [TR] ONLY	216 X 42			63.00													
17-3	R3-4B	NO U TURN SIGN COMBINED WITH MAINT	36 X 48				12.00					1					1	1	
17-4	J3-1	ALTERNATE IH 94	36 X 90				22.50							2			1	1	
17-5		USE CENTER LANE EXIT 95 A-B STH 29 GREEN BAY MENOMONIE	156 X 30 216 X 162		32.50 243.00											1			
17-6	R2-1	1/2 MILE SPEED LIMIT 65	48 X 60				20.00						2				1	2	
17-7		EXIT 95A STH 29 EAST GREEN BAY	132 X 30 168 X 114		27.50 133.00										1				ON SIGN BRIDGE ON SIGN BRIDGE
17-8	R3-4B	1/3 MILE EXIT [DA] ONLY	168 X 36			42.00						1					1	1	
18-1	R2-1	NO U TURN SIGN COMBINED WITH MAINT SPEED LIMIT 65 50 MPH	36 X 48 48 X 60				12.00 20.00						2				1	2	
SHEET SUBTOTALS				855.50	105.00	311.93	10.36	120.00	13	3	11	6	4	1	4	35	37		

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

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SIGNING ITEMS CONT.																							
SIGN GROUP		SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000	REMARKS				
NUMBER	SIGN CODE			SIGN TYPE I	REFLECTIVE SH	REFLECTIVE F	REFLECTIVE H	REFLECTIVE H FOLDING	REFLECTIVE F	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH					
18-2		EXIT 94	108 X 30		22.50												1		ON SIGN BRIDGE				
		STH 124 CTH OO BUS USH 53	216 X 162		243.00														ON SIGN BRIDGE				
		CHIPPEWA FALLS																					
		LAKE HALLIE																					
		1/3 MILE																					
		EXIT [DA] ONLY	216 X 36			54.00																	
18-3	W4-3R	MERGE ADDED LANE RIGHT	48 X 48					16.00				2					1	2					
18-4		EXIT 95B	144 X 30		30.00											1			ON SIGN BRIDGE				
		STH 29 WEST	168 X 120		140.00														ON SIGN BRIDGE				
		MENOMONIE																					
		1/4 MILE																					
		EXIT 95A	144 X 30		30.00														ON SIGN BRIDGE				
		STH 29 EAST [TR]	216 X 120		180.00														ON SIGN BRIDGE				
		GREEN BAY																					
18-5	W13-2	EXIT	48 X 60					20.00					2				1	2					
18-6	W13-3	RAMP	48 X 60					20.00					2										
		50 MPH																					
18-7	E5-1B	EXIT 95A	96 X 72				48.00						2				1	2					
18-8	W1-6	NIGHT ARROW (SINGLE)	96 X 48					32.00				2											
18-9		ALTERNATE	120 X 78		65.00											1							
		IH 94																					
		NEXT RIGHT																					
19-1		EXIT 94	108 X 30		22.50												1		ON SIGN BRIDGE				
		STH 124 CTH OO BUS USH 53	276 X 180		345.00														ON SIGN BRIDGE				
		CHIPPEWA FALLS																					
		LAKE HALLIE																					
		1/2 MILE																					
19-2	W13-2B	EXIT W/ PRETZEL LOOP	48 X 90					30.00						2			1	2					
		30 MPH																					
20-1	W1-8	CHEVRON	36 X 48					12.00				1											
20-2	W1-8	CHEVRON	36 X 48					12.00				1											
20-3	W1-8	CHEVRON	36 X 48					12.00				1											
20-4	W1-8	CHEVRON	36 X 48					12.00				1											
20-5	W1-8	CHEVRON	36 X 48					12.00				1											
20-6	W1-8	CHEVRON	36 X 48					12.00				1											
20-7	W1-8	CHEVRON	36 X 48					12.00				1											
20-8	W1-8	CHEVRON	36 X 48					12.00				1											
20-9	W1-8	CHEVRON	36 X 48					12.00				1											
20-10	W1-8	CHEVRON	36 X 48					12.00				1											
20-11	W1-8	CHEVRON	36 X 48					12.00				1											
20-12	W1-8	CHEVRON	36 X 48					12.00				1											
20-13	W1-8	CHEVRON	36 X 48					12.00				1											
20-14	W1-8	CHEVRON	36 X 48					12.00				1											
20-15	W1-8	CHEVRON	36 X 48					12.00				1											
20-16	W1-8	CHEVRON	36 X 48					12.00				1											
20-17	W1-8	CHEVRON	36 X 48					12.00				1											
20-18	W1-8	CHEVRON	36 X 48					12.00				1											
20-19	W1-8	CHEVRON	36 X 48					12.00				1											
20-20	W1-8	CHEVRON	36 X 48					12.00				1											
20-21	E5-1B	EXIT 95B	96 X 60				40.00						2				1	2					
20-22	J3-1	ALTERNATE	36 X 84				21.00										1	1					
		IH 94																					
20-23	W1-8	TILT RIGHT ARROW																					
20-24	W1-6	CHEVRON	36 X 48					12.00				1											
20-25	W1-8	NIGHT ARROW (SINGLE)															1	2	REMOVE				
20-26	W1-8	CHEVRON	36 X 48					12.00				1											
20-27	W1-8	CHEVRON	36 X 48					12.00				1											
20-28	W1-8	CHEVRON	36 X 48					12.00				1											
20-29	W1-8	CHEVRON	36 X 48					12.00				1											
20-30	W1-8	CHEVRON	36 X 48					12.00				1											
20-31	W1-8	CHEVRON	36 X 48					12.00				1											
20-32	W1-8	CHEVRON	36 X 48					12.00				1											
21-1	R2-1	SPEED LIMIT 65	36 X 48				12.00						2					2					
21-2		EXIT 95A	132 X 30		27.50											1	1		ON SIGN BRIDGE				
		STH 29 EAST	168 X 90		105.00														ON SIGN BRIDGE				
		GREEN BAY																					
21-3	E5-1B	EXIT [TR] ONLY	168 X 42				49.00																
		EXIT 95A	96 X 60										2				1	2					
21-4		EXIT 95B	120 X 30		25.00		40.00												ON SIGN BRIDGE				
		STH 29 WEST	180 X 90		112.50											1			ON SIGN BRIDGE				
		MENOMONIE																					
		EXIT [TR] ONLY	180 X 42				52.50																
SHEET SUBTOTALS						1348.00	155.50	161.00	0.00	466.00	0	29	6	10	4	0	4	11	17				
NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.																							
PROJECT NO:1190-03-62				HWY:USH 53				COUNTY:CHIPPEWA				MISCELLANEOUS QUANTITIES						SHEET		E			
FILE NAME : P:\UZ\W\WITNW\128950\C3D\11900332\SHEETSP\AN\030201 MQ.DWG																							
				PLOT DATE : 2/1/2016 10:15 AM				PLOT BY : SEH				PLOT NAME :				PLOT SCALE : *****				WISDOT/CADDs SHEET			

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SIGNING ITEMS CONT.																		
SIGN GROUP NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.0101	637.1220	637.1230	637.2210	637.2215	637.2230	634.0612	634.0614	634.0616	634.0618	634.0620	634.0814	638.2601	638.2602	638.3000
				SIGNS TYPE I SF	SIGNS TYPE I REFLECTIVE SH SF	SIGNS TYPE I REFLECTIVE F SF	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE H FOLDING SF	SIGNS TYPE II REFLECTIVE F SF	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS TUBULAR STEEL 2X2-INCH X 14-FT EACH	REMOVING SIGNS TYPE I EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH
21-5	J3-1	ALTERNATE IH 94 TILT RIGHT ARROW	36 X 84				21.00							2			1	1
22-1	W5-52R	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
22-2	W5-52L	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
22-3	R2-1	SPEED LIMIT 65	48 X 60				20.00						2				1	2
22-4		EXIT 95A STH 29 EAST GREEN BAY 1/2 MILE EXIT [DA] ONLY	132 X 30 168 X 114		27.50 133.00											1		
22-5	W4-1R	MERGING TRAFFIC RIGHT	48 X 48			42.00			16.00			2					1	2
22-6	W5-52R	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
22-7	W5-52L	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
23-1	W5-52R	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
23-2	W5-52L	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
23-3	W4-3R	MERGE ADDED LANE RIGHT	48 X 48						16.00			2					1	2
23-4	W1-6	NIGHT ARROW (SINGLE)	96 X 48						32.00			2						
23-5	W5-52R	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
23-6	W5-52L	CLEARANCE STRIPER	18 X 54						6.75		1						1	1
23-7	J4-1	NORTH USH 53	36 X 54				13.50					1					1	1
24-1	W13-2	EXIT	48 X 60						20.00				2				1	2
24-2	E5-1A	50 MPH EXIT 95B	90 X 60				37.50						2				1	2
24-3	R2-1	SPEED LIMIT 65	48 X 60				20.00						2				1	2
SHEET SUBTOTALS					160.50	42.00	112.00	0.00	138.00	0	8	7	8	2	0	1	16	22
ITEM TOTALS					3517.50	302.50	1736.30	55.54	1785.00	27	165	50	54	18	4	13	175	216

PAVEMENT MARKING GROOVED WET REFLECTIVE EPOXY 4-INCH

STATION	LOCATION	646.2304.S	REMARKS
		LF	
STH 29			
495+43 - 498+94	EB RT	90	SKIPS
1495+32 - 1497+92	WB LT	65	SKIPS
602+10 - 605+35	EB RT	80	SKIPS
1602+71 - 1605+92	WB LT	160	SKIPS
611+27 - 614+60	EB RT	85	SKIPS
1611+86 - 1615+07	WB LT	160	SKIPS
1621+83 - 1627+16	WB LT	265	SKIPS
622+49 - 627+21	EB RT	235	SKIPS
USH 53			
2500+07 - 2503+81	SB LT	190	SKIPS
2508+54 - 2511+68	SB LT	160	SKIPS
2605+89 - 2609+39	NB RT	90	SKIPS
2611+20 - 2617+15	NB RT	85	SKIPS
ITEM TOTAL		1665	

TEMPORARY PAVEMENT MARKING

STATION	LOCATION	649.0400 REMOVABLE TAPE 4-INCH		649.0402 PAINT 4-INCH		649.0801 REMOVABLE TAPE 8-INCH
		WHITE LF	YELLOW LF	WHITE LF	YELLOW LF	WHITE LF
LOOP A						
2644+15 - 2665+23	LT		120		1680	280
RAMP A						
3316+07 - 3324+94	LT		235		900	85
3323+30 - 3339+39	RT	440		1090		
3336+65 - 3344+05	LT		260		515	
LOOP B						
3386+86 - 3399+99	LT				1140	175
LOOP C						
2667+80 - 2685+56	LT				1575	200
RAMP C						
3362+60 - 3370+44	RT	350		440		
3367+93 - 3381+01	LT		200		900	85
LOOP D						
3297+52 - 3311+45	LT		300		1100	
3313+29 - 3314+43	LT					90
LOOP E						
2749+88 - 2761+62	LT		240		1000	
LOOP F						
2792+94 - 2803+90	LT		75		1025	
ITEM TOTALS			2220		11365	915

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

PROJECT NO:1190-03-62

HWY:USH 53

COUNTY:CHIPPEWA

MISCELLANEOUS QUANTITIES

SHEET

E

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TRAFFIC CONTROL															
STATION	LOCATION	643.0100	643.0300	643.0420	643.0705	643.0715	643.0800	643.0900	643.0920	643.1000	643.1050	643.2000	643.3000	SPV.0045.01	REMARKS
		(PROJECT) 1190-03-62 EACH	DRUMS DAY	BARRICADES TYPE III DAY	WARNING LIGHTS TYPE A DAY	WARNING LIGHTS TYPE C DAY	ARROW BOARDS DAY	SIGNS DAY	COVERING SIGNS TYPE II EACH	SIGNS FIXED MESSAGE SF	SIGNS PCMS DAY	(PROJECT) 1190-03-62 EACH	DETOUR SIGNS DAY	CELLULAR COMMUNIATION DAY	
USH 53		1										1			
CTH T	LT & RT		700	56	84	77	7	112			0		0	0	STAGE 1
90TH	LT & RT		77	21	28	0	0	70	2		0		245	0	STAGE 1
STH 29	103RD ST		368	8	16	104	16	136			0		0	0	STAGE 1
STH 29			1110	50	80	180	20	210	4		20		0	20	STAGE 1
USH 53			1620	48	96	432	48	432	1		34		0	34	STAGE 1
CTH OO			630	28	56	42	7	126			0		0	0	STAGE 1
RAMP A CLOSURE			112	16	24	0	0	24	1		14		116	14	STAGE 1
RAMP B CLOSURE			108	16	24	0	0	24	1		14		116	14	STAGE 1
RAMP C CLOSURE			112	16	24	0	0	24	3		14		116	14	STAGE 1
LOOP A			333	0	0	0	0	36			0		0	0	STAGE 1A
RAMP A			372	0	0	0	0	18			0		0	0	STAGE 1A
LOOP B			264	0	0	0	0	36			0		0	0	STAGE 1A
LOOP C			309	0	0	0	0	36			0		0	0	STAGE 1A
RAMP C			345	0	0	0	0	36			0		0	0	STAGE 1A
LOOP D			282	0	0	0	0	36			0		0	0	STAGE 1A
LOOP E			108	0	0	0	0	6			0		0	0	STAGE 1A
LOOP F			108	0	0	0	0	6			0		0	0	STAGE 1A
LOOP A			410	0	0	0	0	30			0		0	0	STAGE 1B
RAMP A			330	0	0	0	0	30			0		0	0	STAGE 1B
LOOP B			340	0	0	0	0	30			0		0	0	STAGE 1B
LOOP C			405	0	0	0	0	30			0		0	0	STAGE 1B
RAMP C			365	0	0	0	0	30			0		0	0	STAGE 1B
LOOP D			265	0	0	0	0	30			0		0	0	STAGE 1B
LOOP E			150	0	0	0	0	10			0		0	0	STAGE 1B
LOOP F			150	0	0	0	0	10			0		0	0	STAGE 1B
LOOP F CLOSURE			180	20	30	0	0	30	10		20		125	20	STAGE 1B
LOOP A			309	0	0	0	0	36			0		0	0	STAGE 1C
RAMP A			189	0	0	0	0	18			0		0	0	STAGE 1C
LOOP B			264	0	0	0	0	36			0		0	0	STAGE 1C
LOOP C			333	0	0	0	0	36			0		0	0	STAGE 1C
RAMP C			315	0	0	0	0	18			0		0	0	STAGE 1C
LOOP D			237	0	0	0	0	18			0		0	0	STAGE 1C
LOOP E			108	0	0	0	0	6			0		0	0	STAGE 1C
LOOP F			108	0	0	0	0	6			0		0	0	STAGE 1C
RAMP A			372	0	0	0	0	18			0		0	0	STAGE 1D
CTH T	LT & RT		840	96	144	192	12	192			0		0	0	STAGE 2
90TH	LT & RT		128	80	112	40	0	96	8	16	16		112	16	STAGE 2
STH 29	103RD ST		368	8	16	104	16	120			0		0	0	STAGE 2
STH 29			1074	36	72	156	24	384			12		0	12	STAGE 2
USH 53			1524	24	48	312	48	360			24		0	24	STAGE 2
CTH OO			684	24	48	84	6	108			0		0	0	STAGE 2
USH 53			299	39	52	104	0	65	6		0		0	0	STAGE 3
LOOP C CLOSURE			312	52	78	0	0	52	1		23		312	23	STAGE 3
ITEM TOTALS		1	17017	638	1032	1827	204	3167	37	16	191	1	1142	191	

CONSTRUCTION STAKING

STATION	LOCATION	650.7000	650.9910
		CONCRETE PAVEMENT LF	SUPPLEMENTAL CONTROL (1190-03-62) LS
STH 29			1
90TH ST			
2195+11 - 2195+26	LT	15	
2195+11 - 2195+26	RT	15	
2197+37 - 2197+52	LT	15	
2197+37 - 2197+52	LT & RT	15	
ITEM TOTALS		60	1

LOOP DETECTORS

STATION	LOCATION	652.0800	SPV.0105.01
		CONDUIT LOOP DETECTOR LF	SALVAGE LOOP DETECTOR WIRE CTH T OVERPASS LS
CTH T			1
2072+25	SB LT	64	
2074+80	SB LT	64	
2123+70	NB RT	64	
2126+25	NB RT	64	
ITEM TOTALS		256	1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER
ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

3

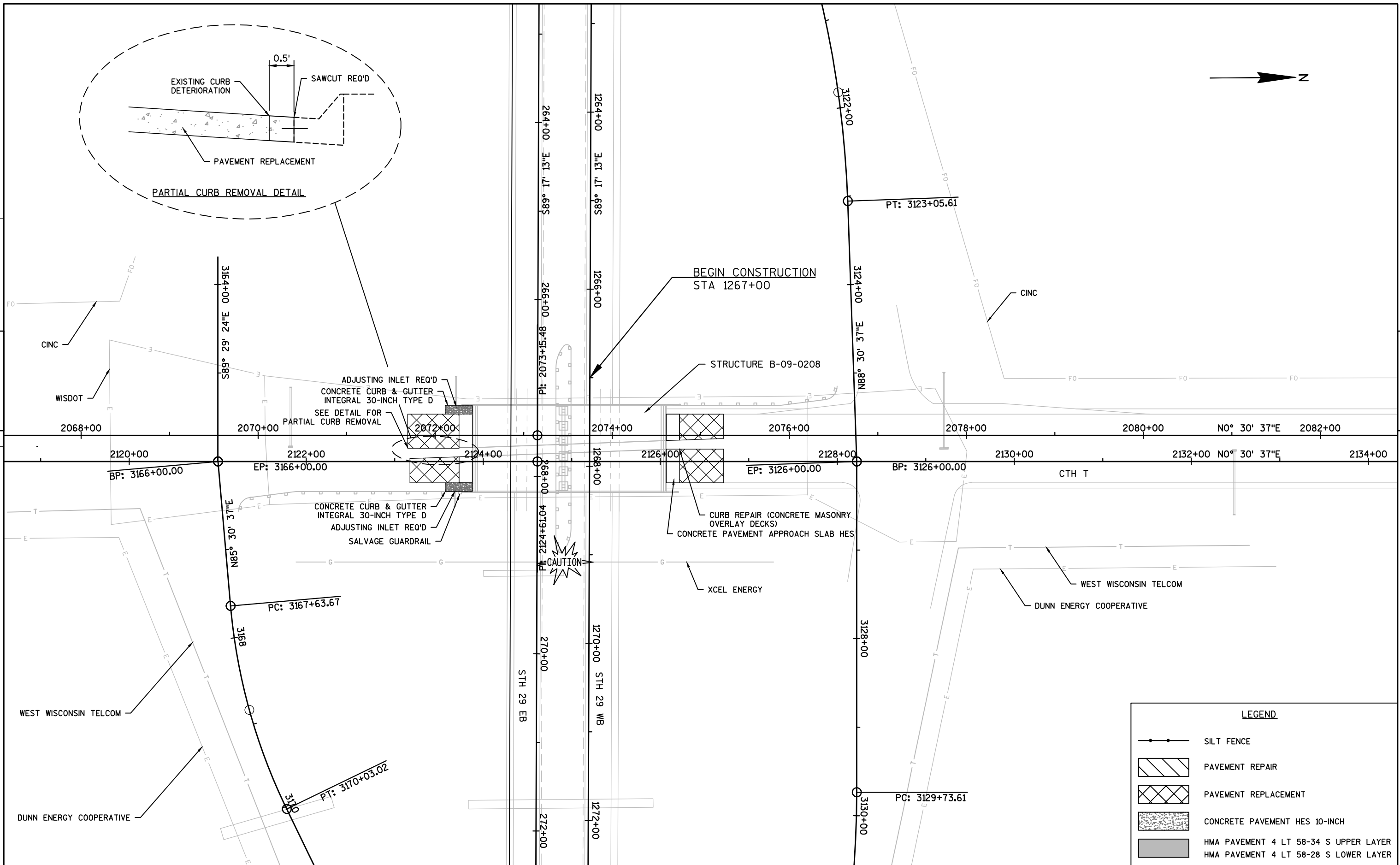
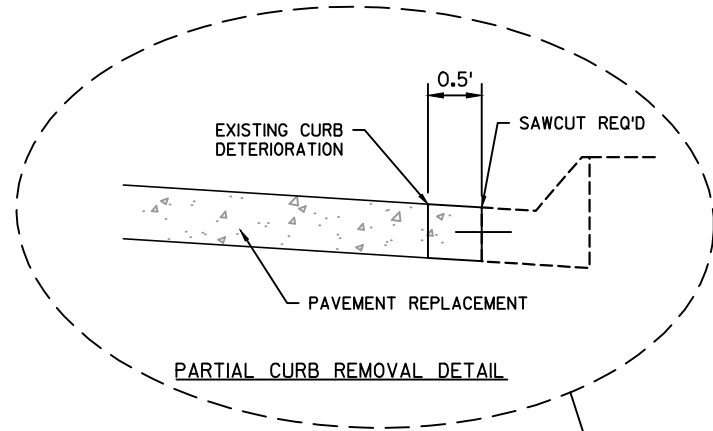
PAVEMENT MARKING EPOXY						
STATION	LOCATION	646.0106	646.0126	646.0600	REMARKS	
		WHITE LF	YELLOW LF	8-INCH LF		REMOVING PAVEMENT MARKINGS LF
STH 29						
495+43 - 498+94	EB RT	355	355			
1495+32 - 1497+92	WB LT	260	260			
602+10 - 605+35	EB RT	325	325			
1602+71 - 1605+92	WB LT	320	320			
611+27 - 614+60	EB RT	335	335			
1611+86 - 1615+07	WB LT	320	320			
1621+83 - 1627+16	WB LT	535		125		
622+49 - 627+21	EB RT	470	470	15		
USH 53						
2500+07 - 2503+81	SB LT	375	375			
2508+54 - 2511+68	SB LT	315	315			
2605+89 - 2609+39	NB RT	350	350	700		
2611+20 - 2617+15	NB RT	595	350	465		
CTH T						
2071+69 - 2075+26	SB LT & RT	360		75		
2071+69 - 2075+26	SB LT	90			SKIPS	
2123+17 - 2126+71	NB LT & RT	355		65		
2123+17 - 2126+71	NB RT	90			SKIPS	
90TH ST						
2195+11 - 2197+52	SB LT	240		15		
2195+11 - 2197+52	NB RT	240		15		
CTH OO						
3445+15 - 3448+73	EB RT	90			SKIPS	
3495+01 - 3499+60	WB LT	115			SKIPS	
LOOP A						
2647+03 - 2663+76	RT		1542	510	2052	EDGE LINE FOR TC
RAMP A						
3315+00 - 3326+21	LT		1120	85	1205	EDGE LINE FOR TC
3323+30 - 3339+39	RT	1530			1530	EDGE LINE FOR TC
3336+65 - 3344+05	LT		740		740	EDGE LINE FOR TC
3344+56 - 3344+80	LT			24		
LOOP B						
3386+75 - 3399+99	LT	663		653	1316	EDGE LINE FOR TC
LOOP C						
2667+80 - 2685+56	LT		1516	371	1887	EDGE LINE FOR TC
RAMP C						
3353+38 - 3356+60	LT	325	325			
3362+60 - 3370+44	RT	785			785	EDGE LINE FOR TC
3367+93 - 3381+01	LT		1084	213	1297	EDGE LINE FOR TC
LOOP D						
3297+52 - 3311+45	LT		1400		1400	EDGE LINE FOR TC
3313+29 - 3314+43	LT			230	230	EDGE LINE FOR TC
LOOE						
2749+90 - 2761+62	LT		1172		1172	EDGE LINE FOR TC
LOOP F						
2792+95 - 2803+90	RT		1095		1095	EDGE LINE FOR TC
ITEM TOTALS		23207		3561	14709	
NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.						

SAWING			
STATION	LOCATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
		REMARKS	
STH 29			
1495+32 - 1495+86	WB LT	102	FOR CONCRETE REPLACEMENT
495+43 - 494+55	EB RT	67	FOR CONCRETE REPAIR
495+58 - 495+68	EB RT	58	FOR CONCRETE REPAIR
497+22 - 498+94	EB RT	244	FOR CONCRETE REPLACEMENT
1497+32 - 1497+42	WB LT	58	FOR CONCRETE REPAIR
1497+47 - 1497+57	WB LT	58	FOR CONCRETE REPAIR
1497+72 - 1497+92	WB LT	44	FOR CONCRETE REPLACEMENT
602+10 - 602+35	EB RT	97	FOR CONCRETE REPLACEMENT
602+41 - 602+46	EB RT	29	FOR CONCRETE REPAIR
1602+71 - 1602+84	WB LT	85	FOR CONCRETE REPAIR
1602+86 - 1602+96	WB LT	82	FOR CONCRETE REPAIR
1603+01 - 1603+07	WB LT	82	FOR CONCRETE REPAIR
605+02 - 605+09	EB RT	64	FOR CONCRETE REPAIR
605+17 - 605+23	EB RT	64	FOR CONCRETE REPAIR
605+29 - 605+35	EB RT	30	FOR CONCRETE REPAIR
1605+40 - 1605+50	WB LT	34	FOR CONCRETE REPAIR
1605+56 - 1605+66	WB LT	82	FOR CONCRETE REPAIR
1605+72 - 1605+82	WB LT	82	FOR CONCRETE REPAIR
1605+86 - 1605+92	WB LT	54	FOR CONCRETE REPAIR
611+27 - 611+56	EB RT	81	FOR CONCRETE REPLACEMENT
1611+86 - 1612+21	WB LT	135	FOR CONCRETE REPLACEMENT
614+15 - 614+60	EB RT	97	FOR CONCRETE REPLACEMENT
1614+87 - 1615+07	WB LT	106	FOR CONCRETE REPLACEMENT
621+34	EB RT	18	FOR SHOULDER REPLACEMENT
1621+83 - 1621+99	WB LT	75	FOR CONCRETE REPLACEMENT
622+49 - 622+56	EB RT	96	FOR CONCRETE REPAIR
622+67 - 622+73	EB RT	90	FOR CONCRETE REPAIR
1626+89 - 1626+95	WB LT	36	FOR CONCRETE REPAIR
1627+10 - 1627+16	WB LT	36	FOR CONCRETE REPAIR
627+15 - 627+21	EB RT	62	FOR CONCRETE REPAIR
USH 53			
2500+07 - 2500+99	SB LT	194	FOR CONCRETE REPLACEMENT
2501+13 - 2501+35	SB LT	54	FOR APPROACH SLAB REPLACEMENT
2503+58 - 2503+81	SB LT	98	FOR CONCRETE REPLACEMENT
2508+54 - 2508+70	SB LT	91	FOR CONCRETE REPLACEMENT
2508+92 - 2509+12	SB LT	59	FOR APPROACH SLAB REPLACEMENT
2511+31 - 2511+68	SB LT	120	FOR CONCRETE REPLACEMENT
2605+89 - 2606+53	NB RT	116	FOR CONCRETE REPLACEMENT
2606+51 - 2606+69	NB LT	24	FOR CONCRETE REPLACEMENT
2609+16 - 2609+39	NB RT	137	FOR CONCRETE REPLACEMENT
2611+20 - 2613+62	NB RT	248	FOR CONCRETE REPLACEMENT
2613+71 - 2614+00	NB RT	104	FOR CONCRETE REPLACEMENT
2616+27 - 2616+44	NB RT	34	FOR APPROACH SLAB REPLACEMENT
2616+44 - 2617+15	NB RT	131	FOR CONCRETE REPLACEMENT
CTH T			
2071+69 - 2072+42	SB LT & RT	146	FOR STAGING
2071+69	SB LT & RT	39	PAVEMENT REPAIR LIMIT
2074+61 - 2075+26	SB LT & RT	145	FOR STAGING
2075+26	SB LT & RT	26	PAVEMENT REPAIR LIMIT
2123+17 - 2123+87	NB LT & RT	142	FOR STAGING
2123+17	NB LT & RT	27	PAVEMENT REPAIR LIMIT
2126+71	NB LT & RT	28	PAVEMENT REPAIR LIMIT
90TH ST			
2195+11	LT	30	FOR NEW APPROACH SLAB
2195+11	RT	21	FOR NEW APPROACH SLAB
2197+37	LT	24	FOR NEW APPROACH SLAB
2197+37	LT & RT	38	FOR NEW APPROACH SLAB
CTH OO			
3445+15 - 3445+40	EB RT	117	FOR CONCRETE REPLACEMENT
3445+48 - 3445+66	EB RT	70	FOR APPROACH SLAB REPLACEMENT
3445+55	EB LT	22	FOR MEDIAN REPAIR
3448+17	EB LT	22	FOR MEDIAN REPAIR
3448+14 - 3448+31	EB RT	70	FOR APPROACH SLAB REPLACEMENT
3448+39 - 3448+73	EB RT	142	FOR CONCRETE REPLACEMENT
3496+01 - 3496+53	WB LT	173	FOR CONCRETE REPLACEMENT
3499+00 - 3499+19	WB LT	69	FOR APPROACH SLAB REPLACEMENT
3499+29 - 3499+60	WB LT	136	FOR CONCRETE REPLACEMENT
ITEM SUBTOTALS		131	5020

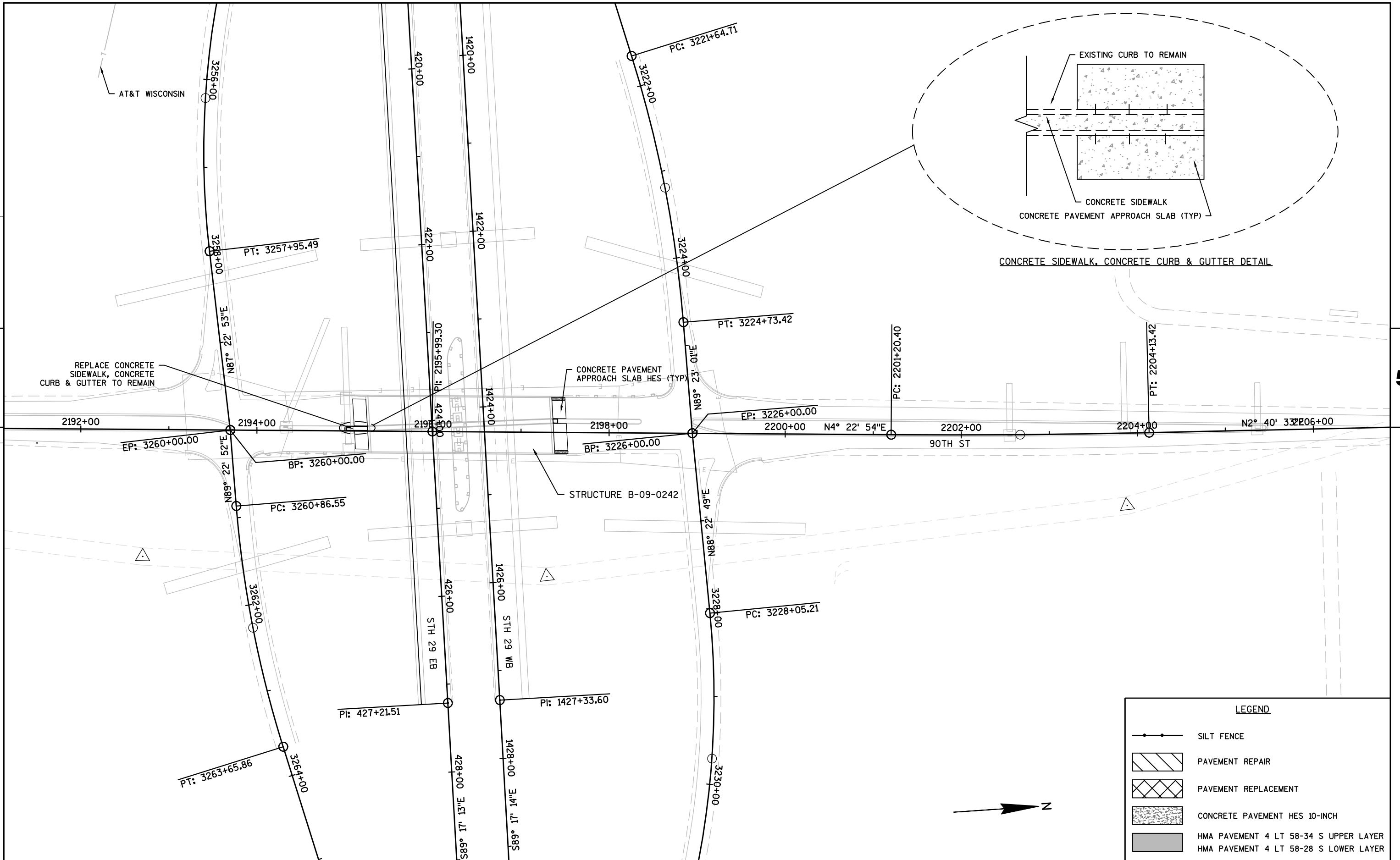
SAWING CONT.				
STATION	LOCATION	690.0150	690.0250	REMARKS
		ASPHALT LF	CONCRETE LF	
LOOP A				
2645+04 - 2645+91	LT	87		FOR SHOULDER REPLACEMENT
2645+91 - 2664+68	LT	1975		SHOULDER TO REMAIN
2647+03	RT	5		FOR SHOULDER REPLACEMENT
2663+76	RT	5		FOR SHOULDER REPLACEMENT
2664+68 - 2665+08	LT	40		FOR SHOULDER REPLACEMENT
RAMP A				
3315+40	RT	5		FOR SHOULDER REPLACEMENT
3316+07	LT	3		FOR SHOULDER REPLACEMENT
3316+07 - 3324+94	LT	904		SHOULDER TO REMAIN
3324+94 - 3338+02	RT	367		SHOULDER TO REMAIN
3338+02 - 3343+53	LT	567		SHOULDER TO REMAIN
3342+21	RT	5		FOR SHOULDER REPLACEMENT
3343+53	LT	3		FOR SHOULDER REPLACEMENT
3344+56 - 3344+80	LT		60	FOR CONCRETE REPLACEMENT
LOOP B				
3386+00	RT	5		FOR SHOULDER REPLACEMENT
3387+09 - 3387+32	LT	23		FOR SHOULDER REPLACEMENT
3387+32 - 3398+51	LT	1194		SHOULDER TO REMAIN
3398+51 - 3399+21	LT	70		FOR SHOULDER REPLACEMENT
3399+00	RT	5		FOR SHOULDER REPLACEMENT
RAMP B				
2964+13 - 2964+49	LT		30	FOR CONCRETE REPLACEMENT
LOOP C				
2667+63 - 2667+67	LT		30	FOR CONCRETE REPAIR
2667+78 - 2667+82	LT		32	FOR CONCRETE REPAIR
2667+80	RT	5		FOR SHOULDER REPLACEMENT
2667+96 - 2668+00	LT		30	FOR CONCRETE REPAIR
2667+99 - 2668+40	LT	42		FOR SHOULDER REPLACEMENT
2668+40 - 2685+32	LT	1862		SHOULDER TO REMAIN
2668+14 - 2668+18	LT		30	FOR CONCRETE REPAIR
2668+26 - 2668+47	LT		30	FOR CONCRETE REPLACEMENT
2684+50	RT	5		FOR SHOULDER REPLACEMENT
RAMP C				
3353+38	LT		15	FOR CONCRETE REPLACEMENT
3353+48	LT		15	FOR CONCRETE REPLACEMENT
3356+31	LT		15	FOR CONCRETE REPLACEMENT
3356+60	LT		15	FOR CONCRETE REPLACEMENT
3363+27	LT	3		FOR SHOULDER REPLACEMENT
3363+35	RT	5		FOR SHOULDER REPLACEMENT
3363+35 - 3369+46	RT	616		SHOULDER TO REMAIN
3367+57	LT	3		FOR SHOULDER REPLACEMENT
3368+04	LT	3		FOR SHOULDER REPLACEMENT
3368+04 - 3378+74	LT	1091		SHOULDER TO REMAIN
3369+46	RT	5		FOR SHOULDER REPLACEMENT
3370+24	RT	5		FOR SHOULDER REPLACEMENT
3378+74 - 3381+01	LT	808		FOR SHOULDER REPLACEMENT
3381+00	RT	5		FOR SHOULDER REPLACEMENT
LOOP D				
3297+52	LT	3		FOR SHOULDER REPLACEMENT
3297+52 - 3311+45	LT	1441		SHOULDER TO REMAIN
3301+20	RT	5		FOR SHOULDER REPLACEMENT
3309+70	RT	5		FOR SHOULDER REPLACEMENT
3311+45	LT	3		FOR SHOULDER REPLACEMENT
3313+29	LT	15		FOR GORE REPLACEMENT
LOOP E				
2749+88	LT	3		FOR SHOULDER REPLACEMENT
2749+88 - 2758+66	LT	918		SHOULDER TO REMAIN
2752+27	RT	5		FOR SHOULDER REPLACEMENT
2758+66 - 2761+62	LT		303	FOR CURB REMOVAL
2761+92	RT	5		FOR SHOULDER REPLACEMENT
LOOP F				
2792+94	RT	3		FOR SHOULDER REPLACEMENT
2792+94 - 2799+68	RT	687		SHOULDER TO REMAIN
2793+25	LT	5		FOR SHOULDER REPLACEMENT
2794+65 - 2794+69	LT		30	FOR CONCRETE REPAIR
2799+68 - 2803+60	LT		428	FOR CURB REMOVAL
2803+90	RT		3	FOR SHOULDER REPLACEMENT
ITEM SUBTOTALS		12819	1066	
ITEM TOTALS		12950	6086	

3

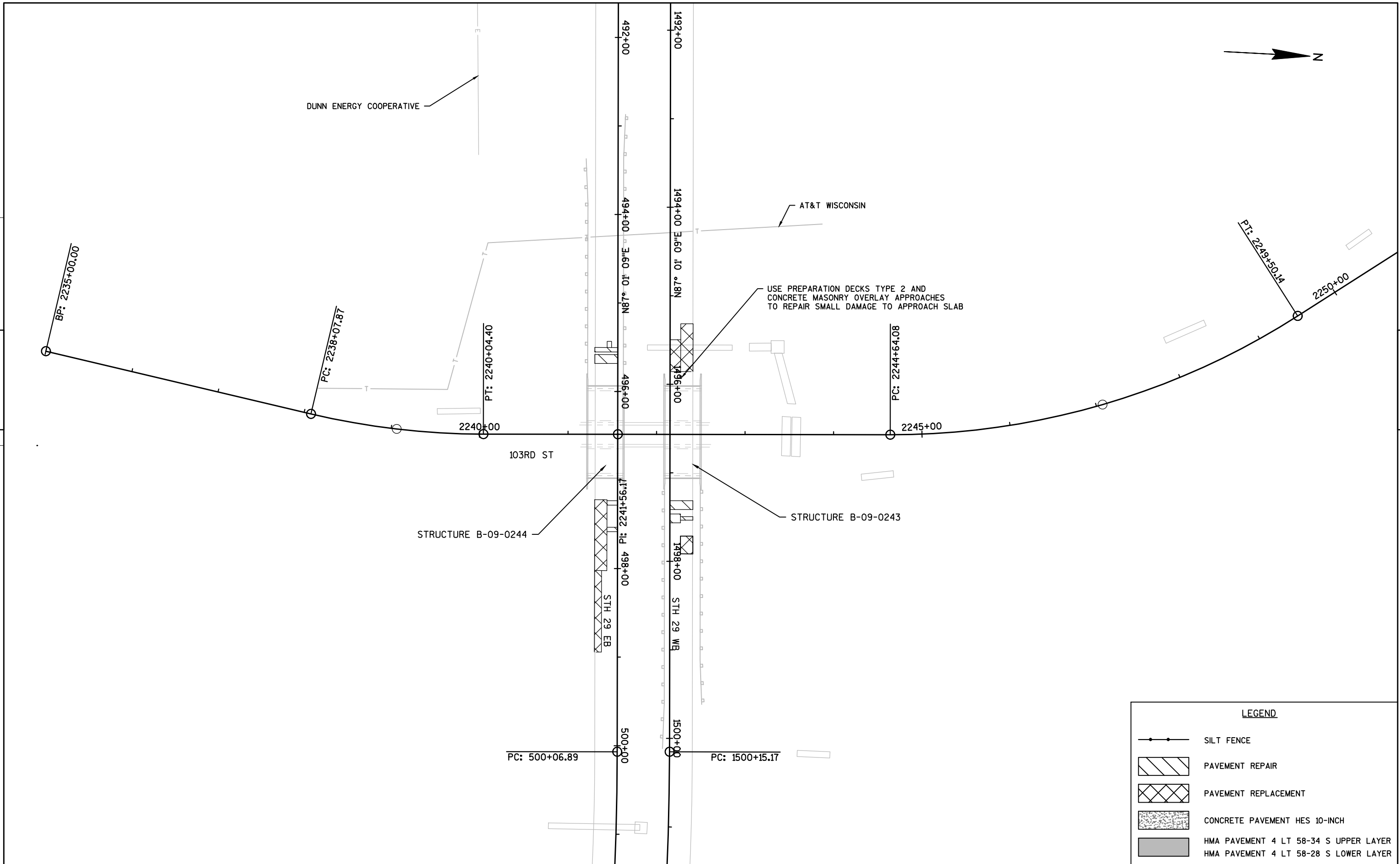
PROJECT NO:1190-03-62	HWY:USH 53	COUNTY:CHIPPEWA	MISCELLANEOUS QUANTITIES	SHEET	E
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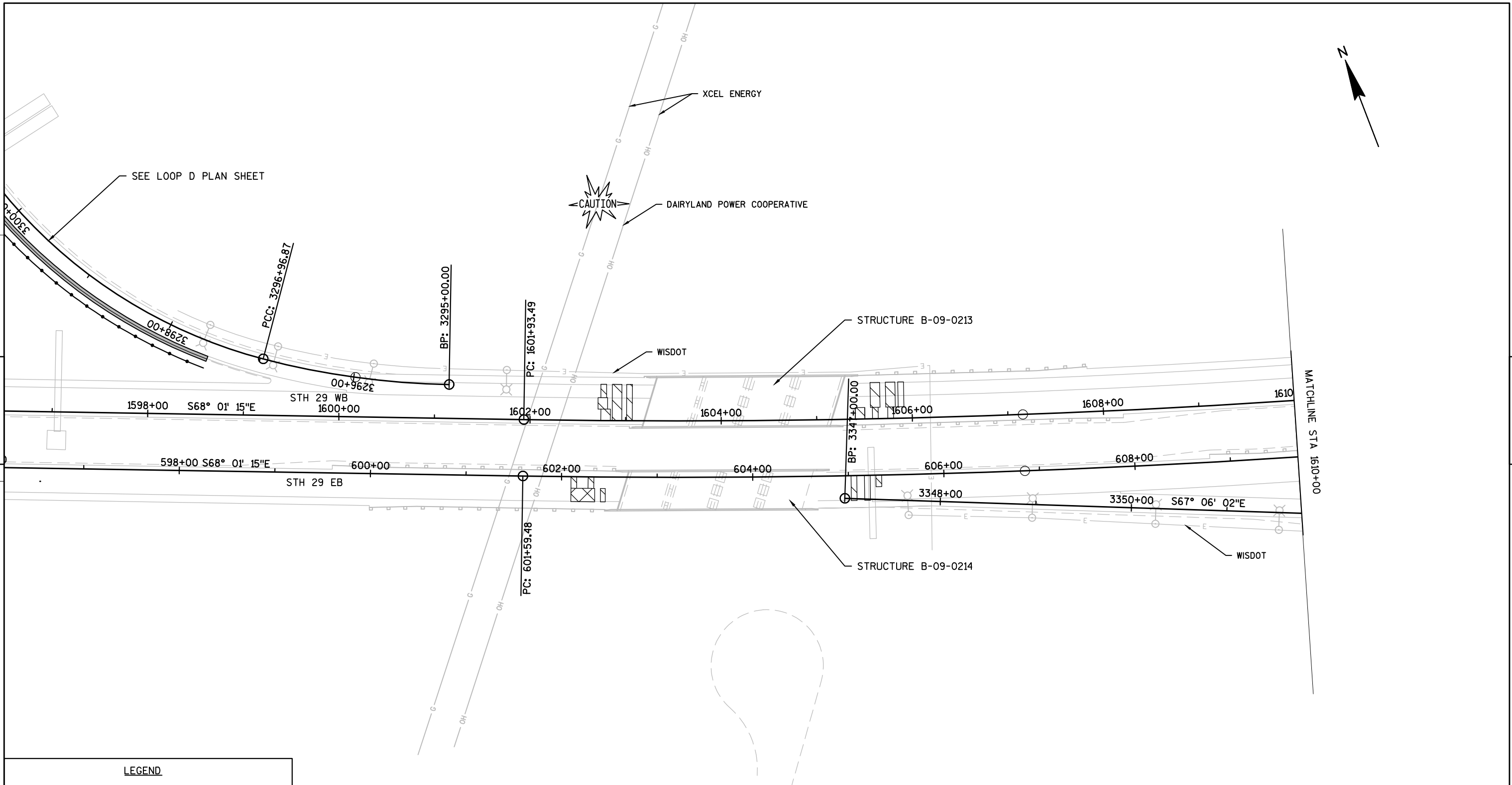


LEGEND	
	SILT FENCE
	PAVEMENT REPAIR
	PAVEMENT REPLACEMENT
	CONCRETE PAVEMENT HES 10-INCH
	HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
	HMA PAVEMENT 4 LT 58-28 S LOWER LAYER



LEGEND	
	SILT FENCE
	PAVEMENT REPAIR
	PAVEMENT REPLACEMENT
	CONCRETE PAVEMENT HES 10-INCH
	HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
	HMA PAVEMENT 4 LT 58-28 S LOWER LAYER



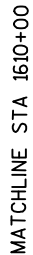


LEGEND

- SILT FENCE
- PAVEMENT REPAIR
- PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT HES 10-INCH
- HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
- HMA PAVEMENT 4 LT 58-28 S LOWER LAYER

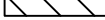
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5



MATCHLINE STA 1621+00

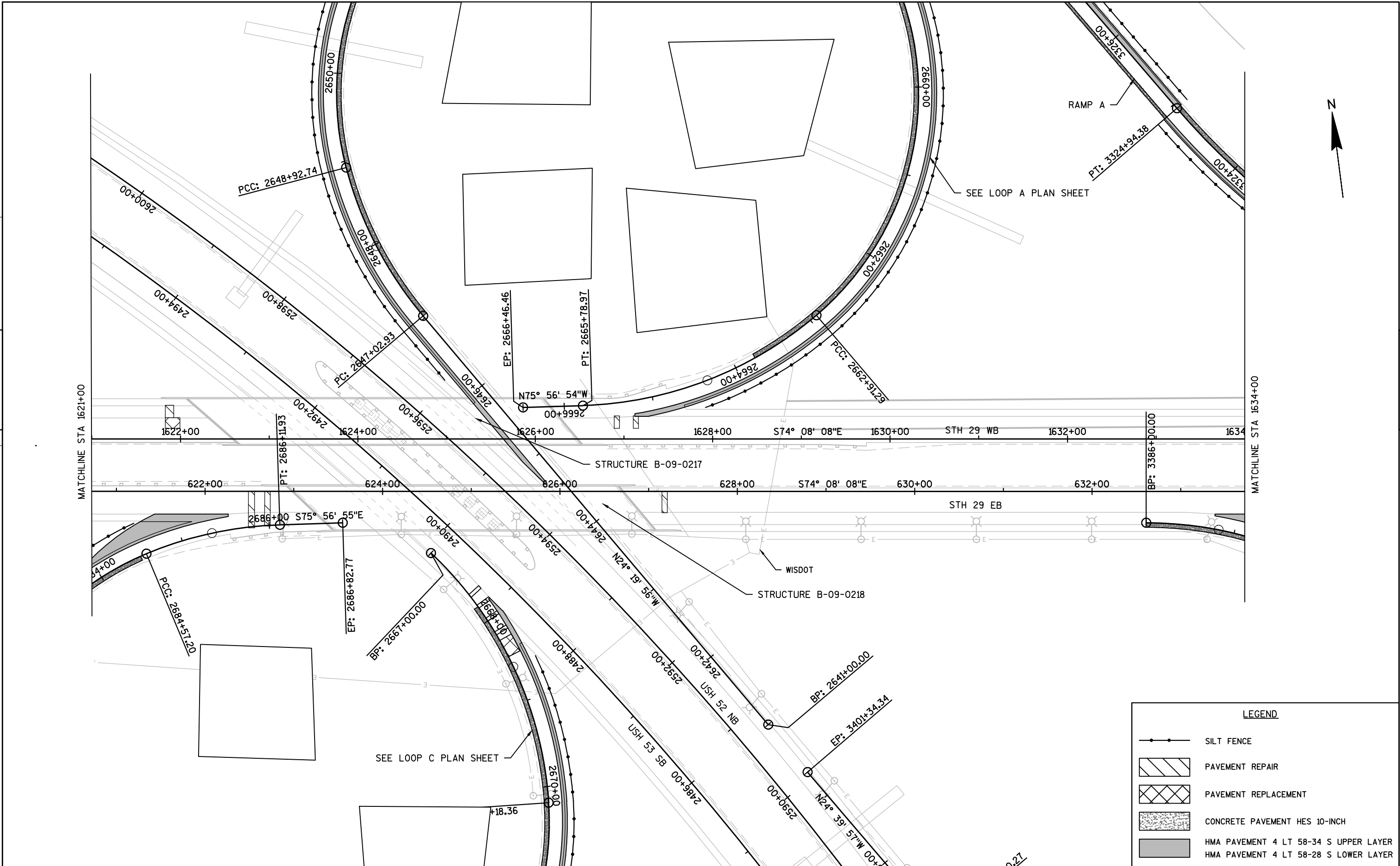


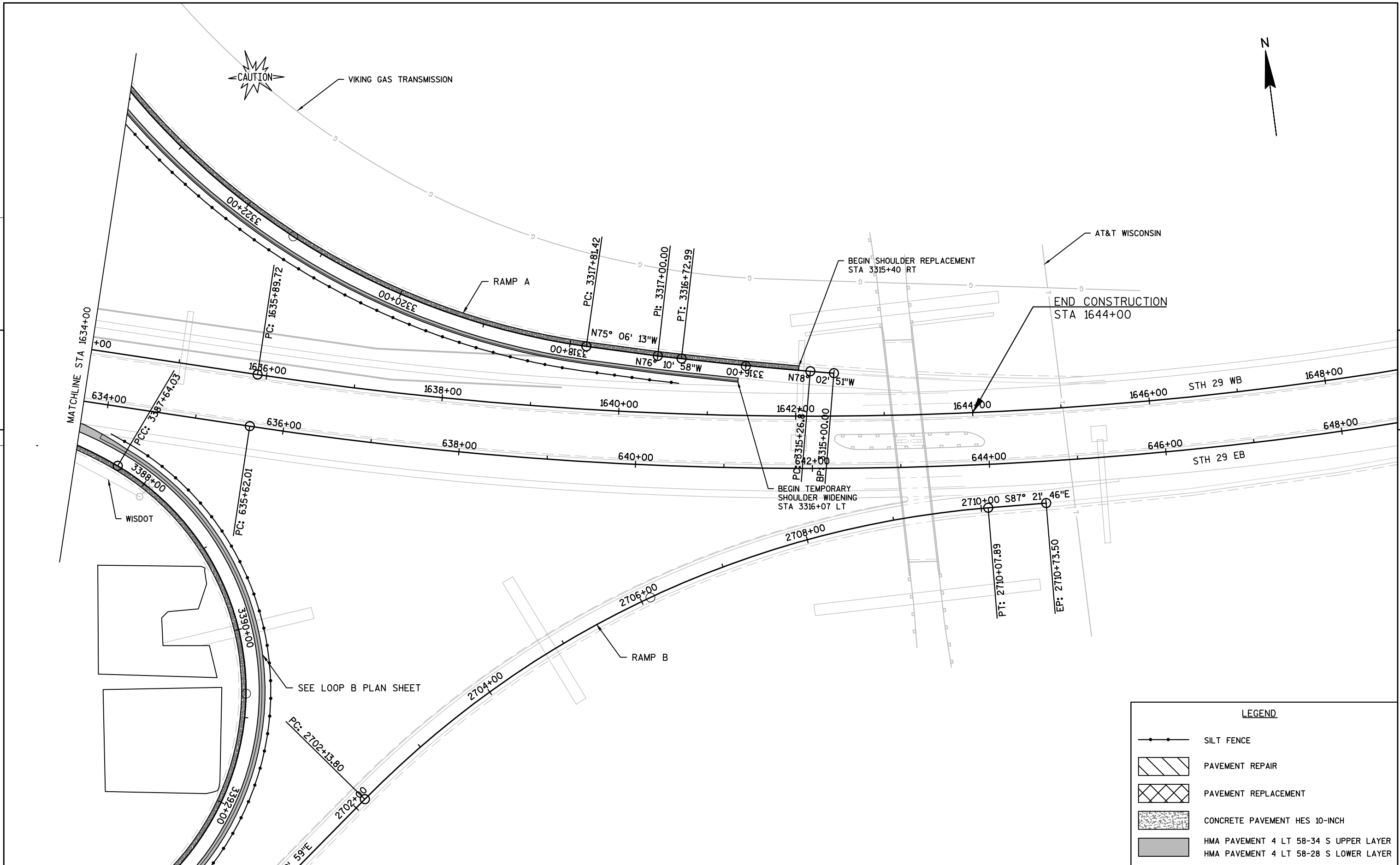
	SILT FENCE
	PAVEMENT REPAIR
	PAVEMENT REPLACEMENT
	CONCRETE PAVEMENT HES 10-INCH
	HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
	HMA PAVEMENT 4 LT 58-28 S LOWER LAYER

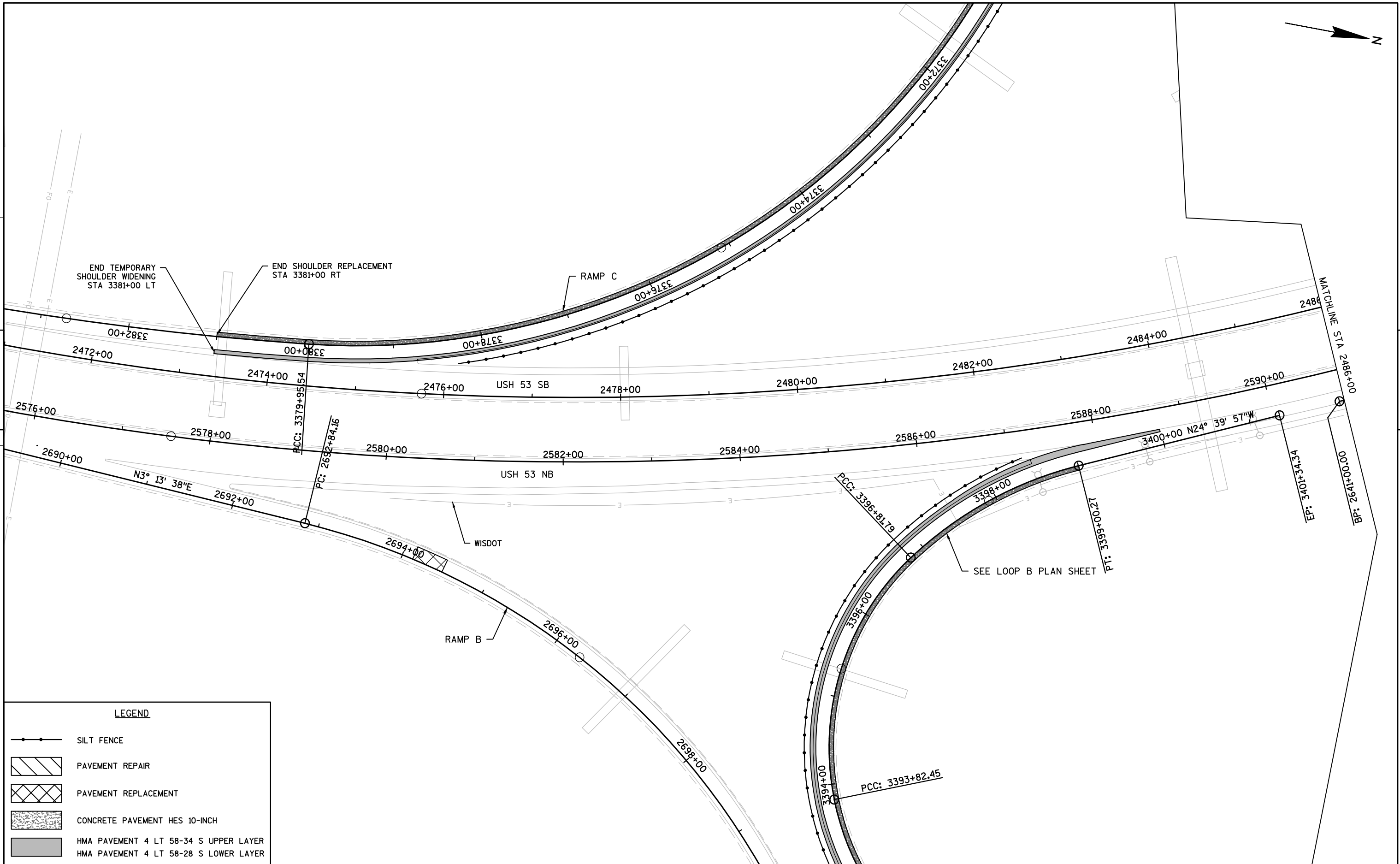
SHEET	----	E
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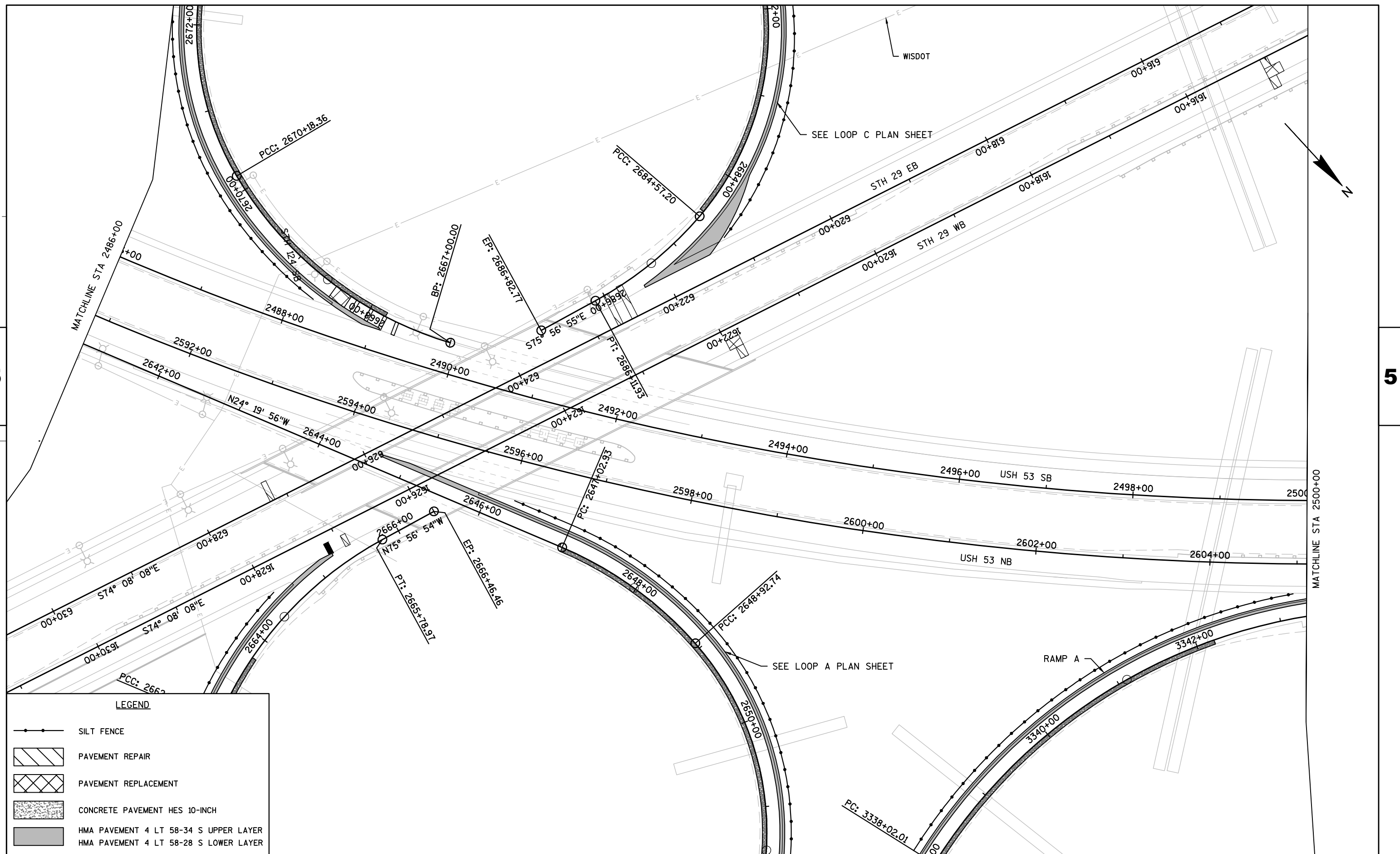
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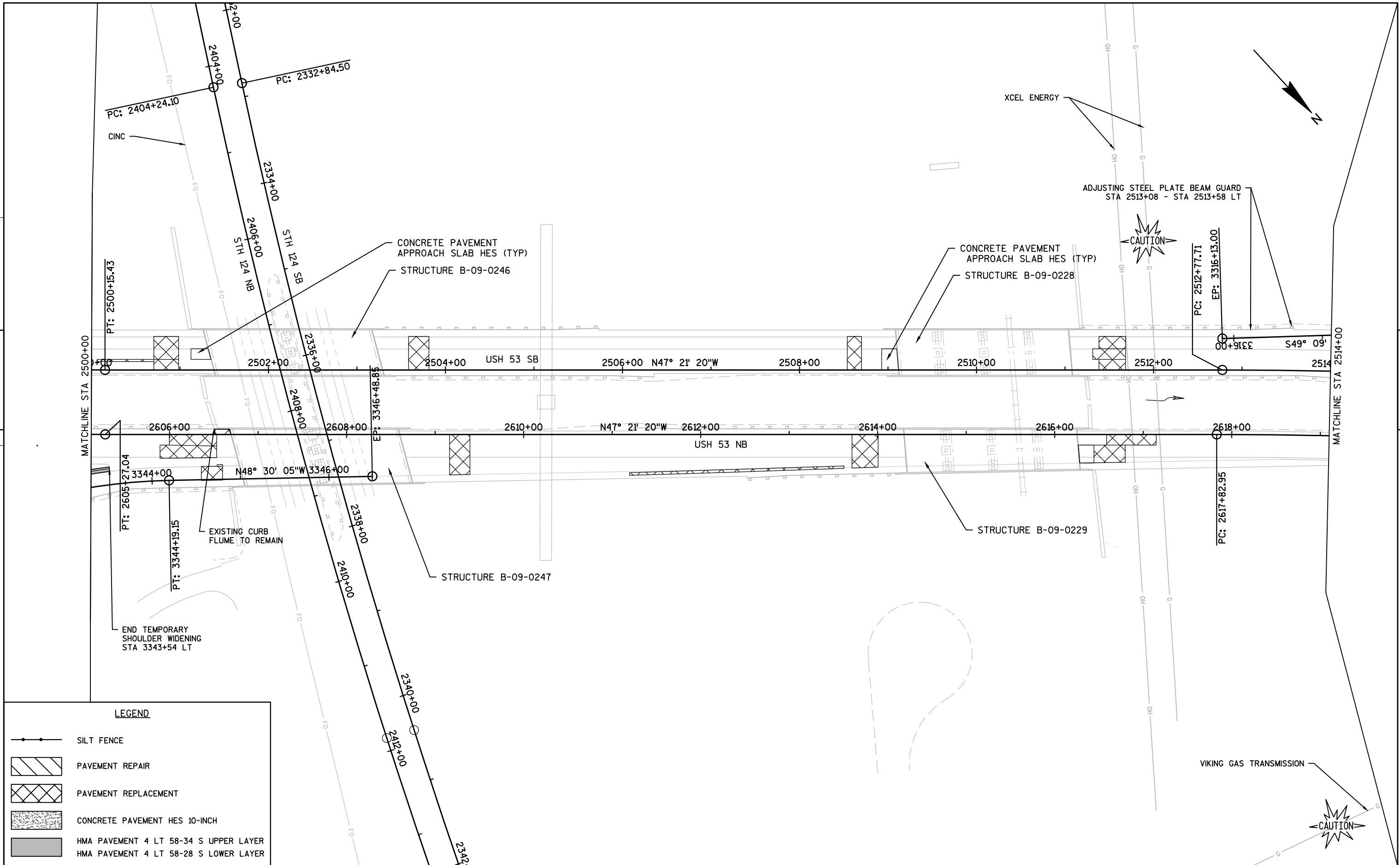


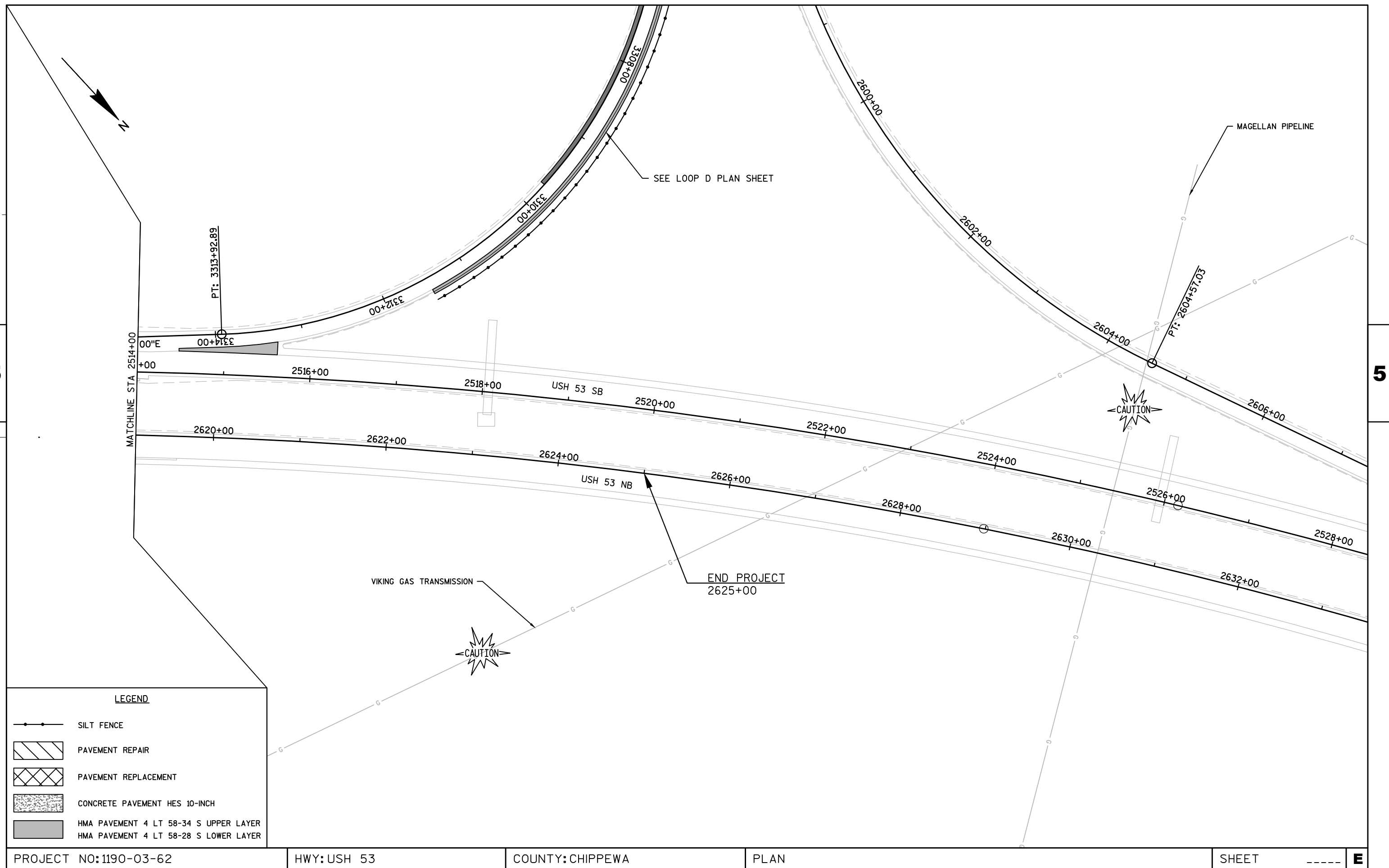


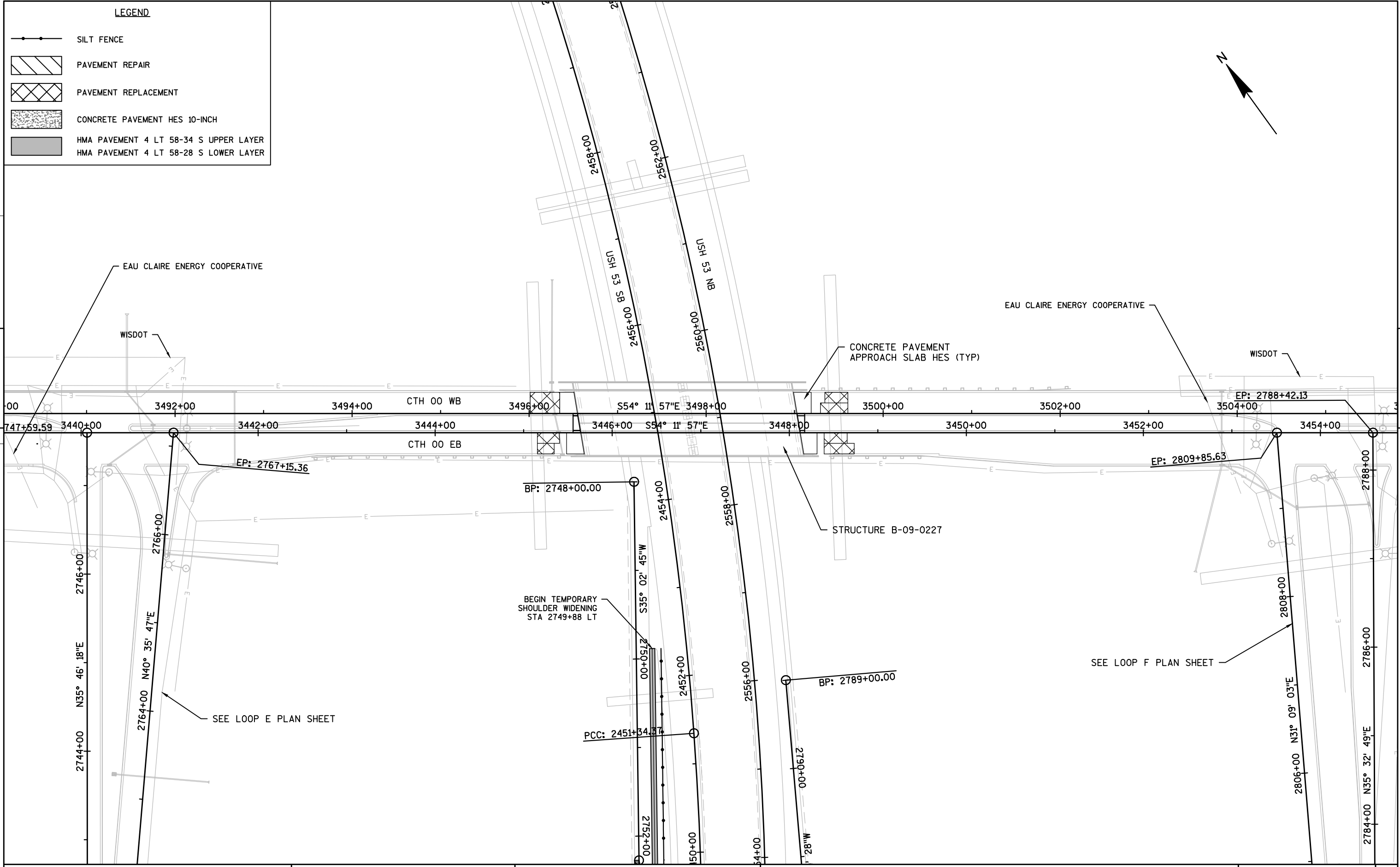


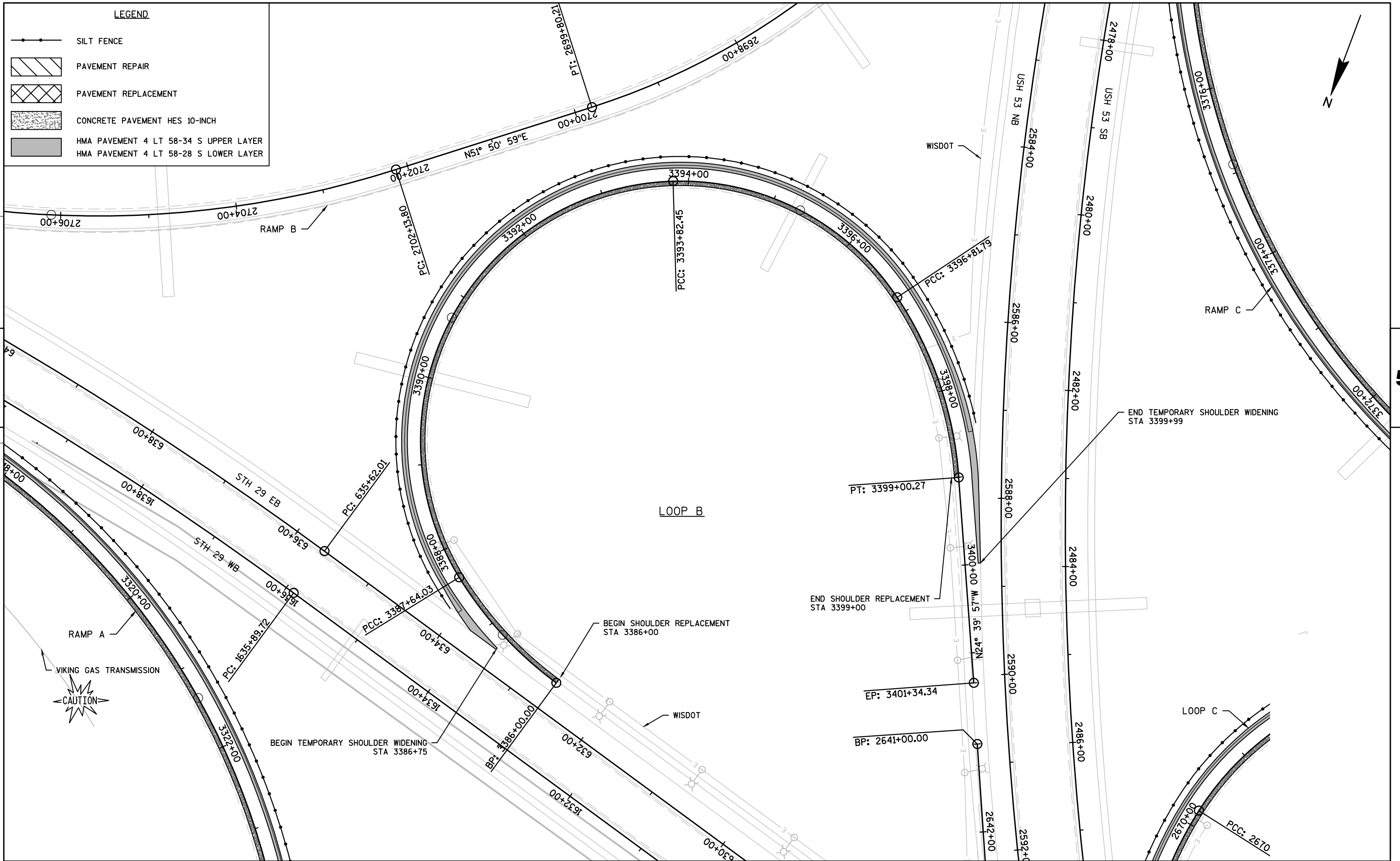
LEGEND	
	SILT FENCE
	PAVEMENT REPAIR
	PAVEMENT REPLACEMENT
	CONCRETE PAVEMENT HES 10-INCH
	HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
	HMA PAVEMENT 4 LT 58-28 S LOWER LAYER

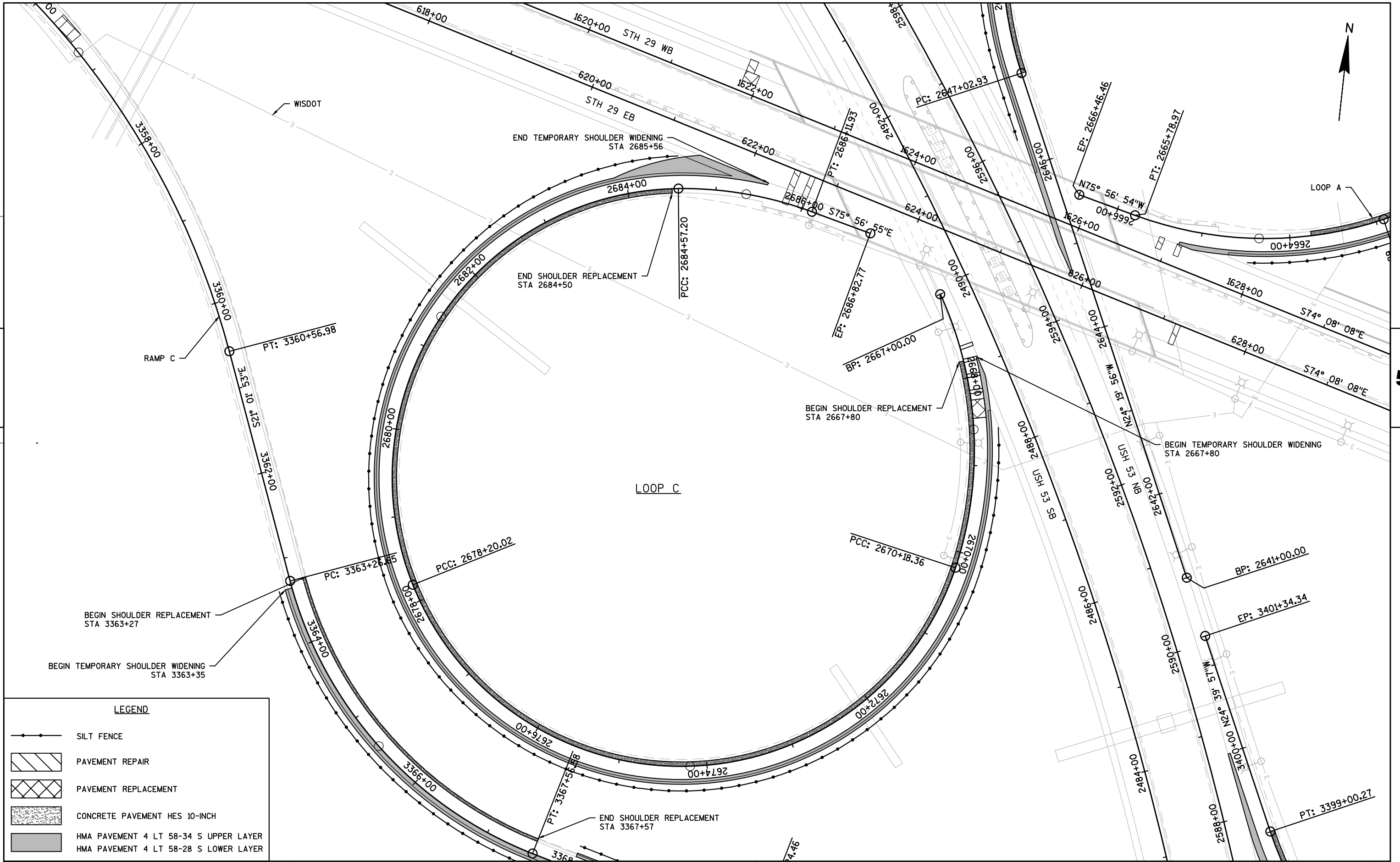






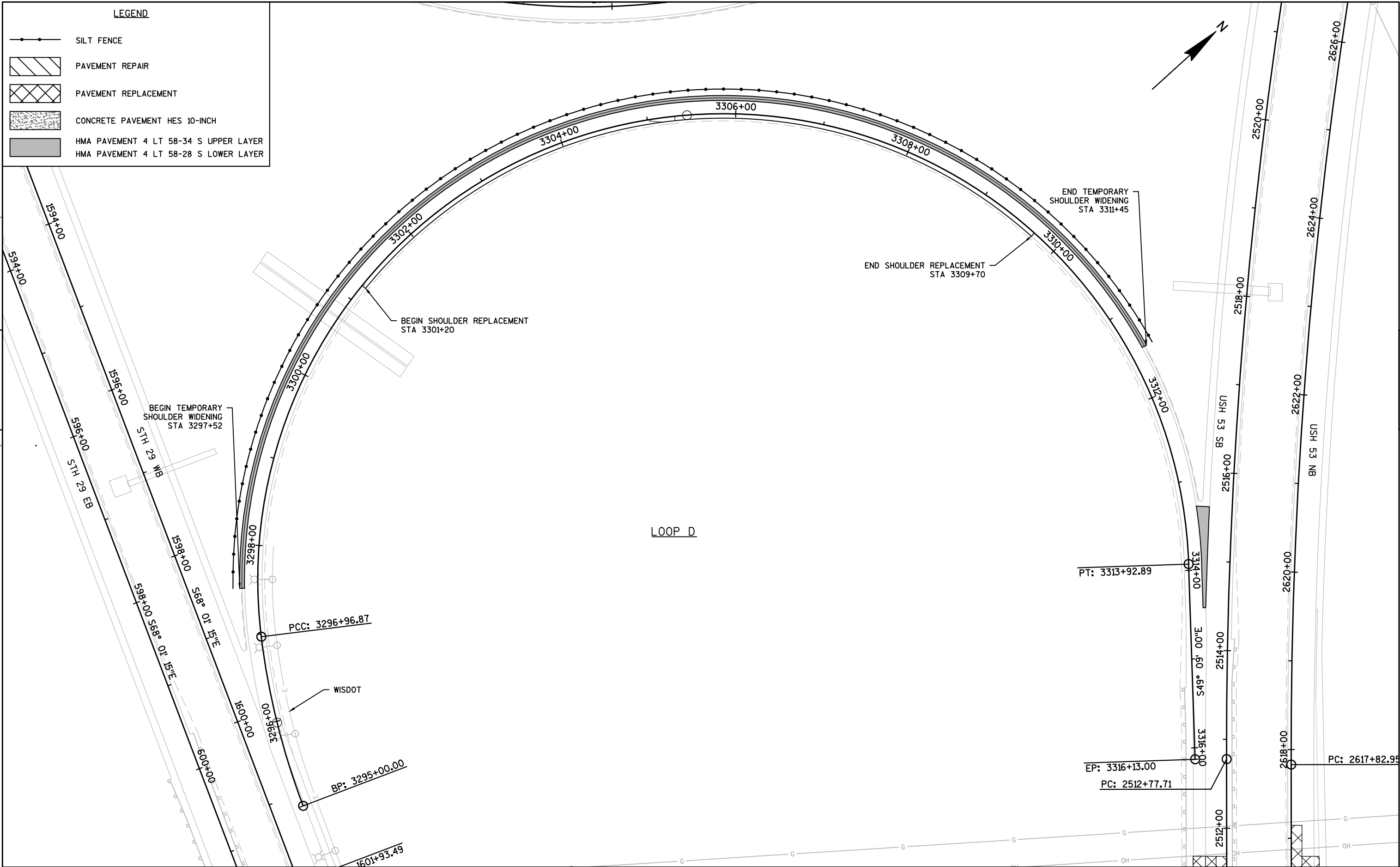


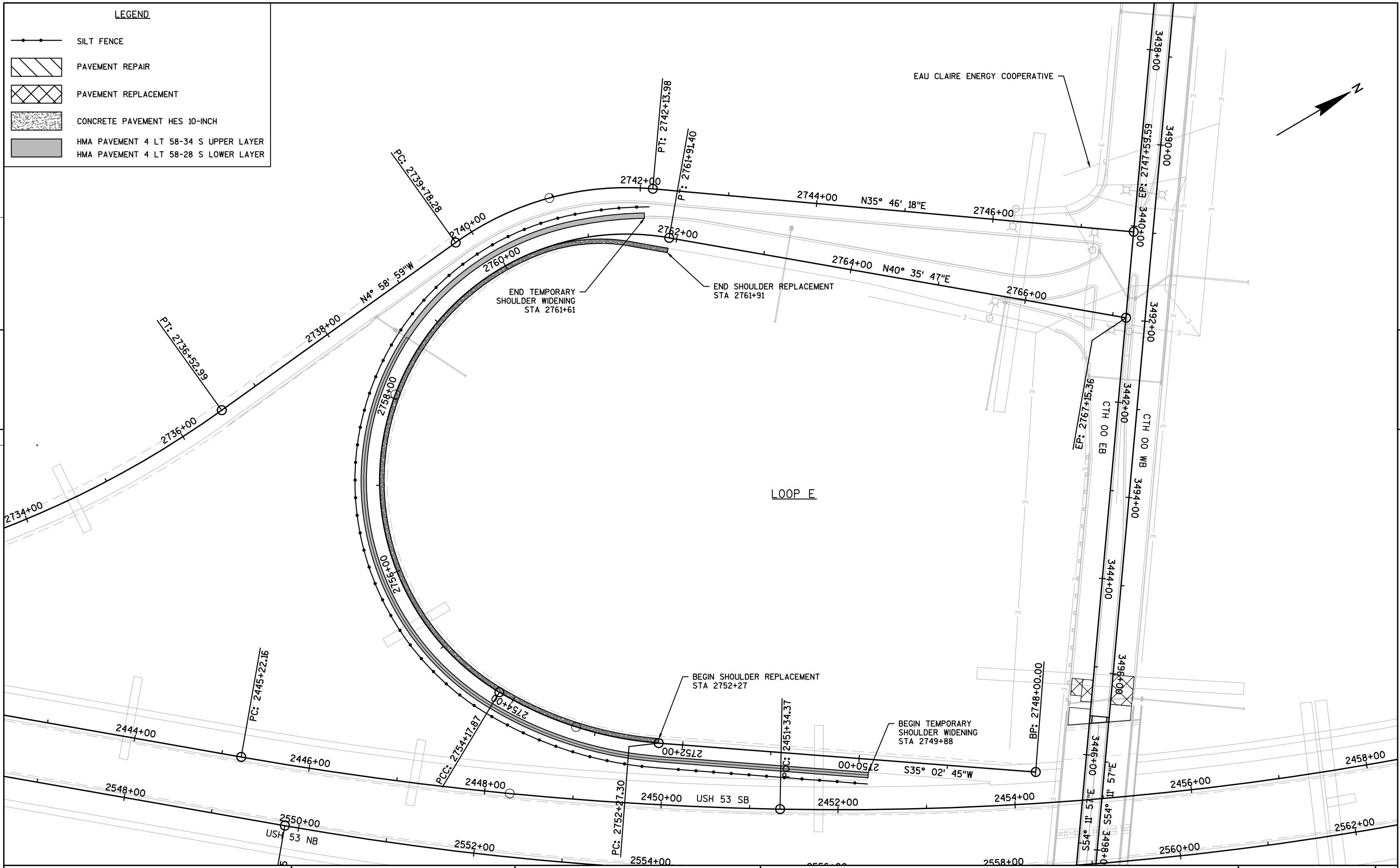


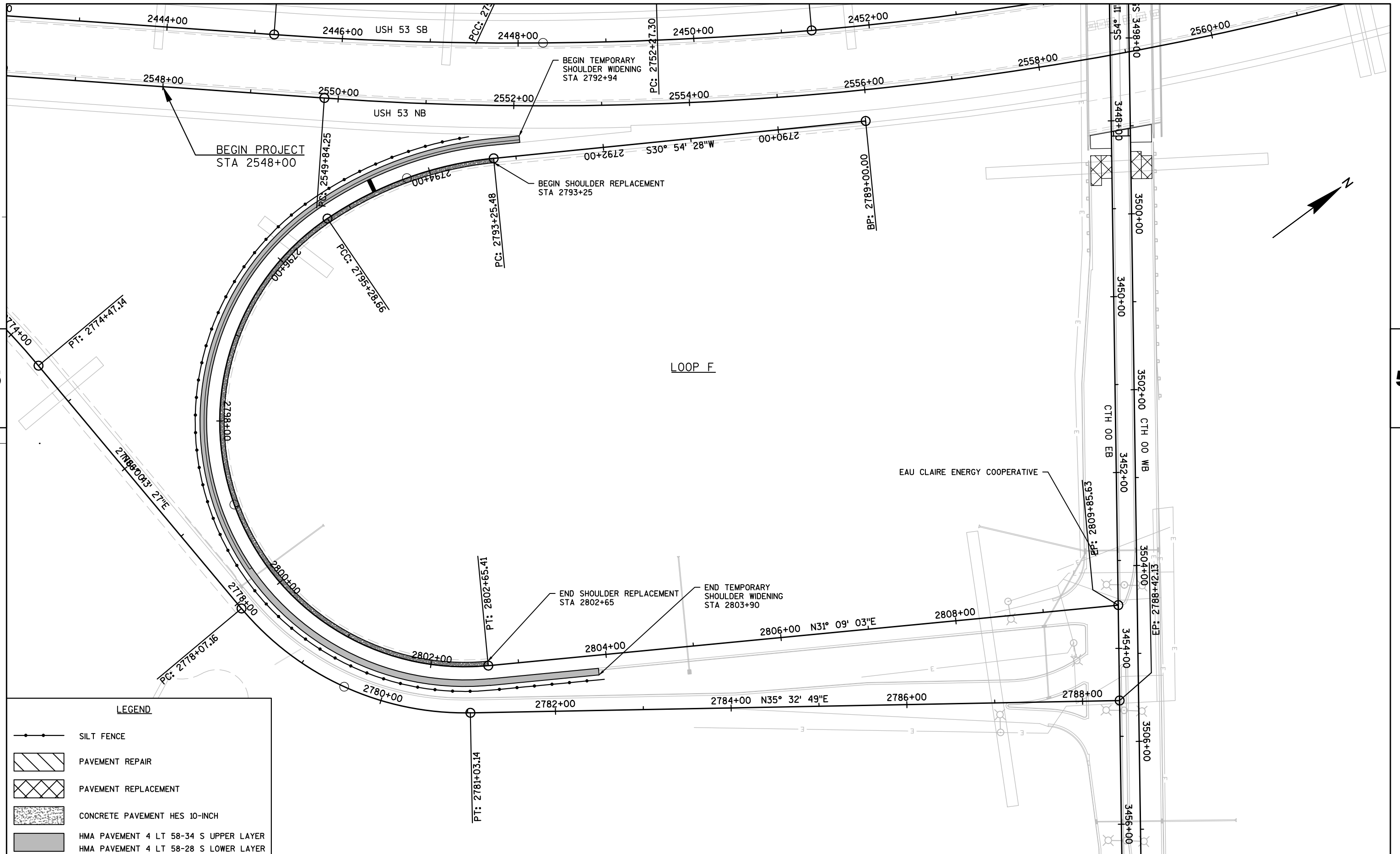


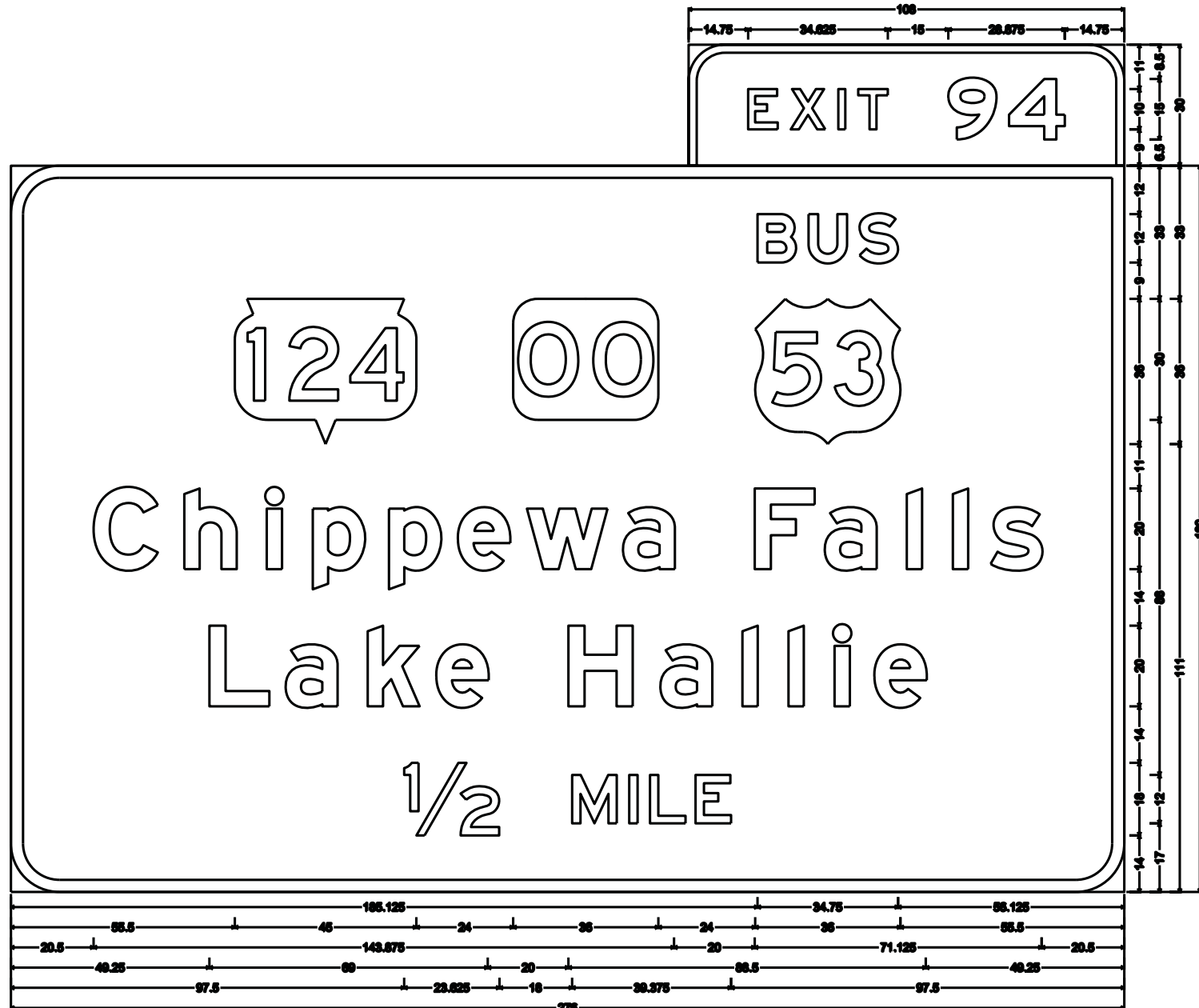
LEGEND

- SILT FENCE
- PAVEMENT REPAIR
- PAVEMENT REPLACEMENT
- CONCRETE PAVEMENT HES 10-INCH
- HMA PAVEMENT 4 LT 58-34 S UPPER LAYER
- HMA PAVEMENT 4 LT 58-28 S LOWER LAYER

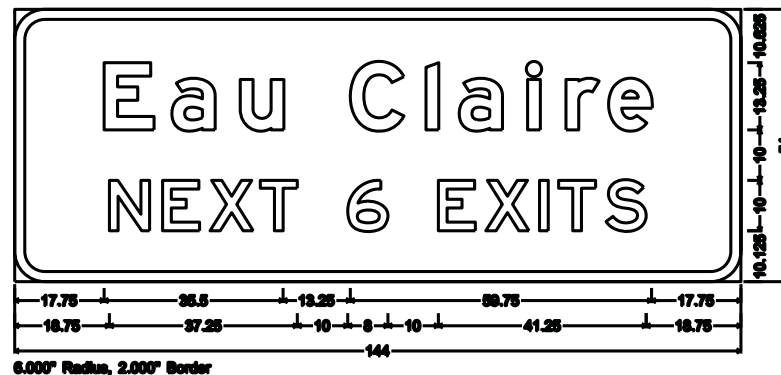




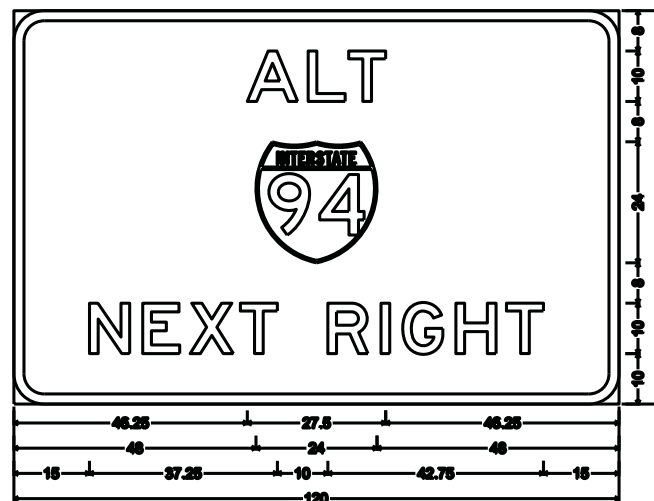




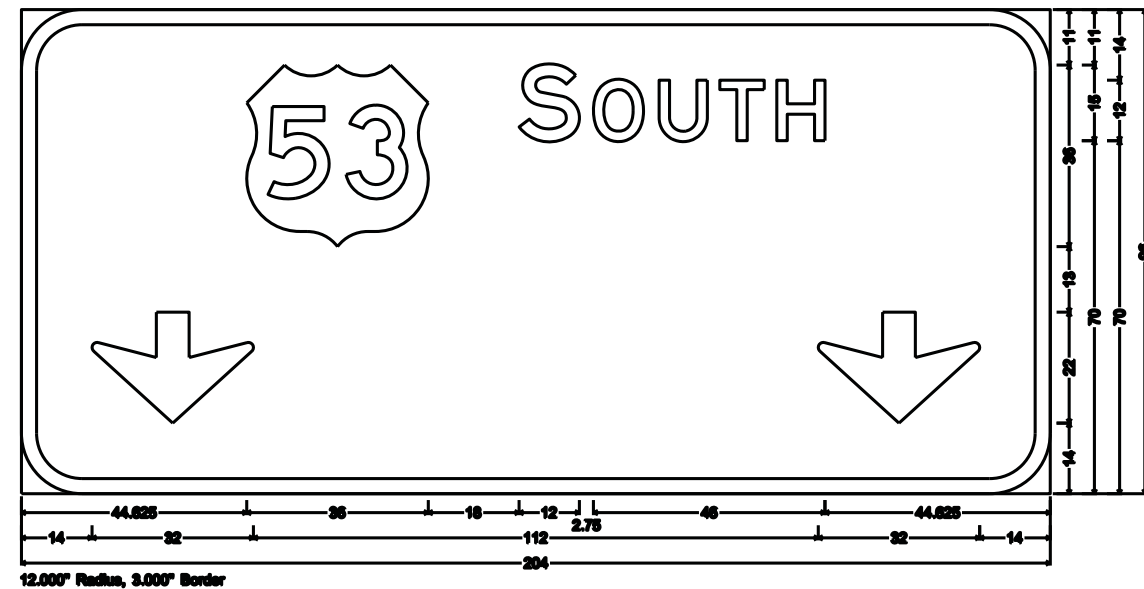
9.000" Radius, 2.000" Border, White on Green;
"EXIT" E specified length; "94" E Mod;
12.000" Radius, 3.000" Border, White on Green;
"BUS" E Mod; State Highway 124 M1-55A; Square County OO M1-55-2; "Chippewa" E Mod; "Falls" E Mod; "Lake" E Mod; "Hallie" E Mod; "1/2" E; "MILE" E;



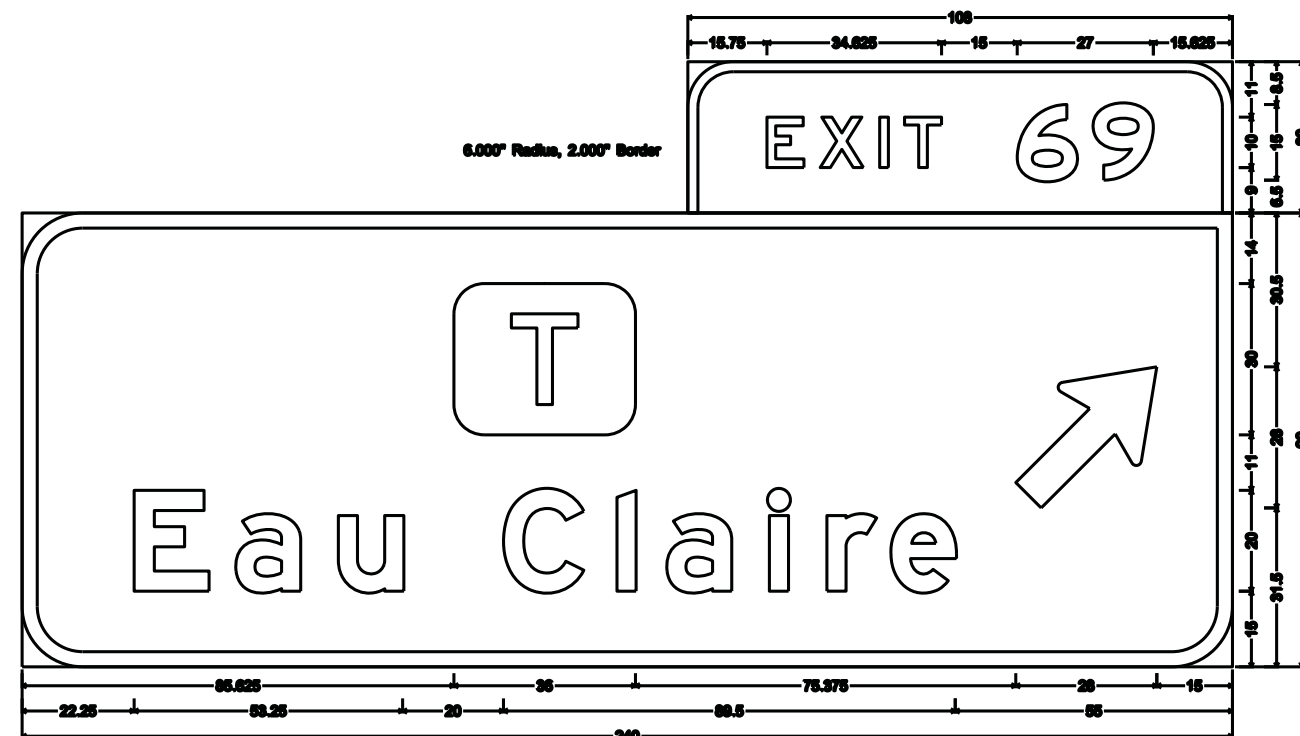
6.000" Radius, 2.000" Border



6.000" Radius, 2.000" Border



12.000" Radius, 3.000" Border



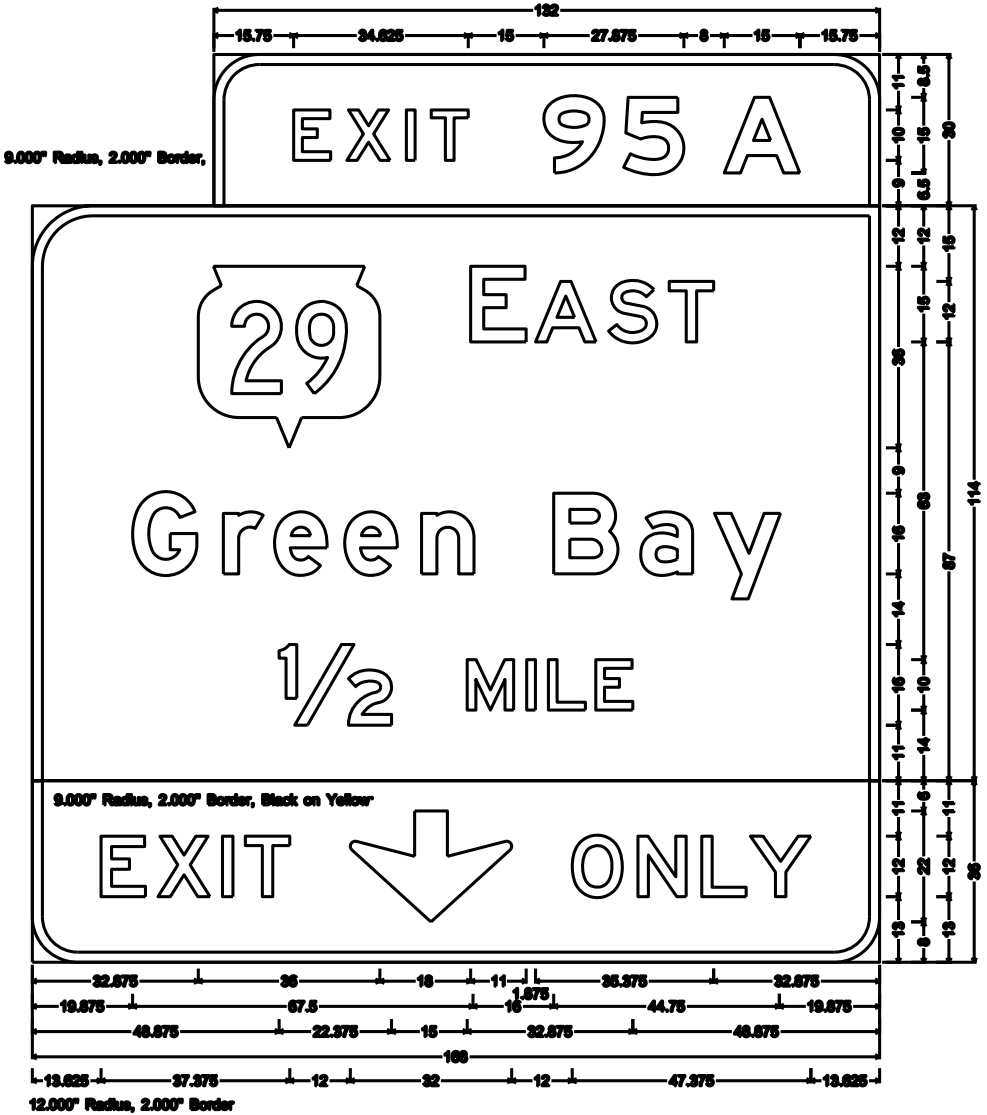
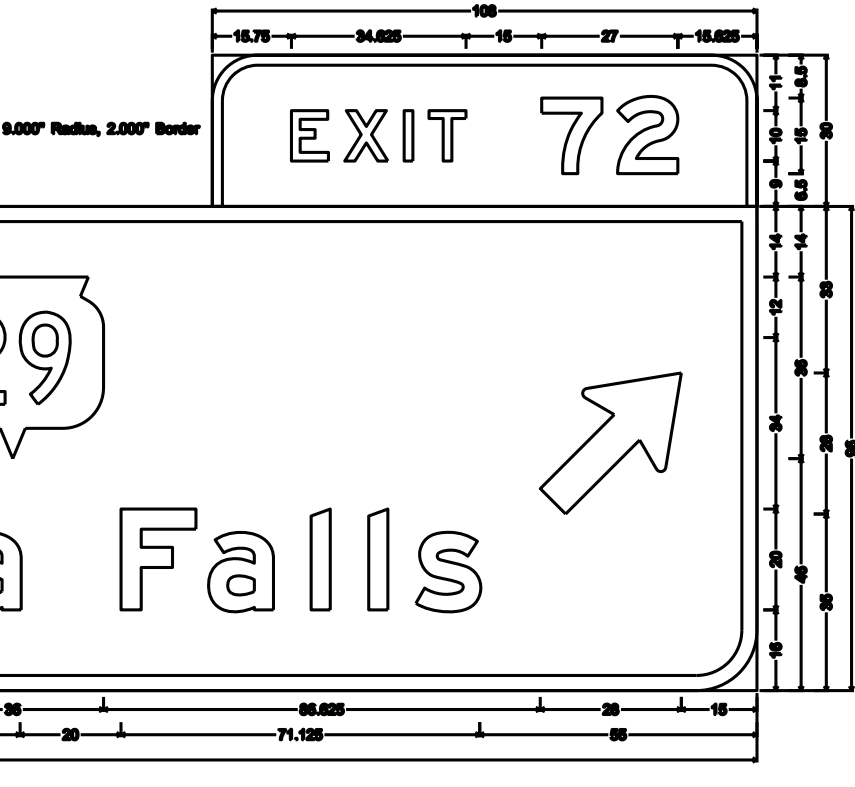
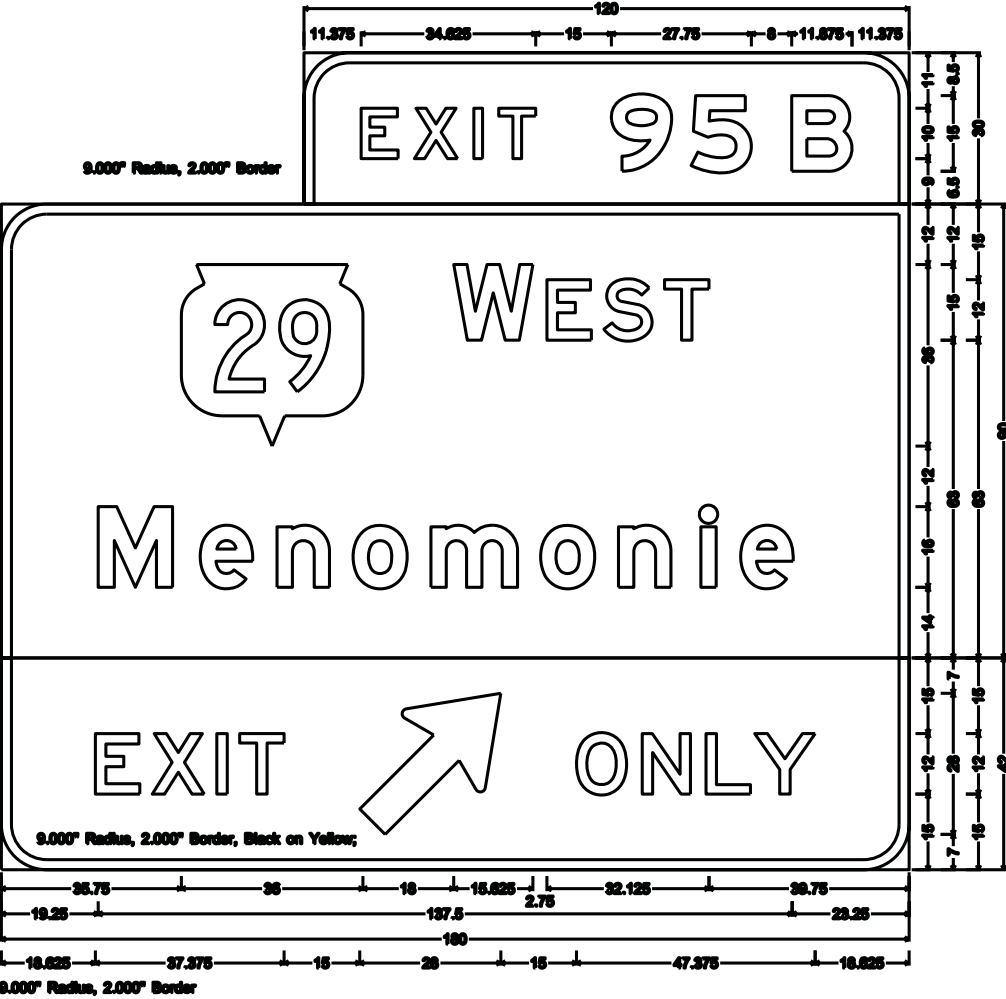
12.000" Radius, 3.000" Border

NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
Background - Green
Message - White
3. Message Series - E Modified except all cap Words are Series E
3. Exit Only panels are Yellow Type F Sheeting Background with Black Message

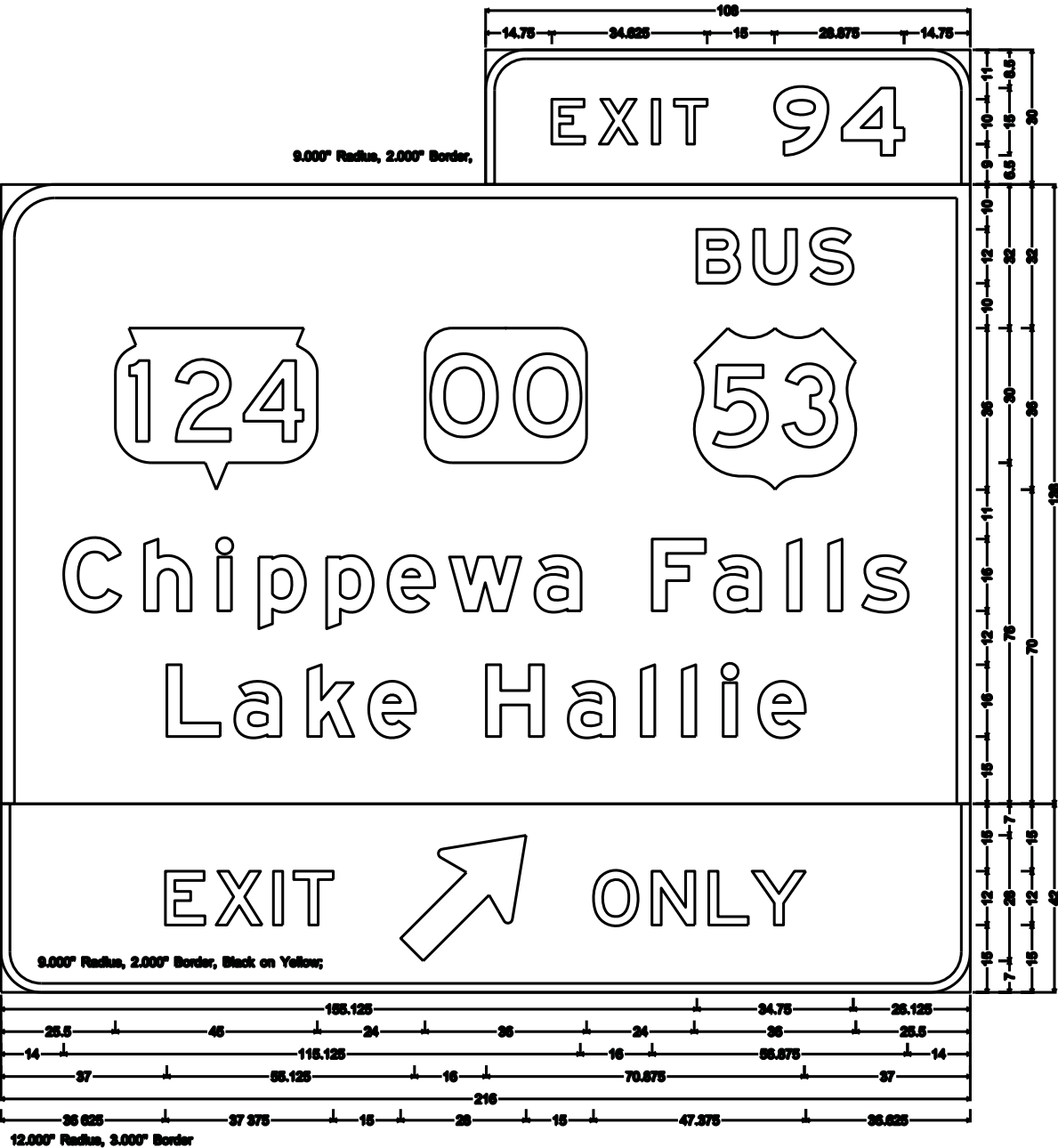
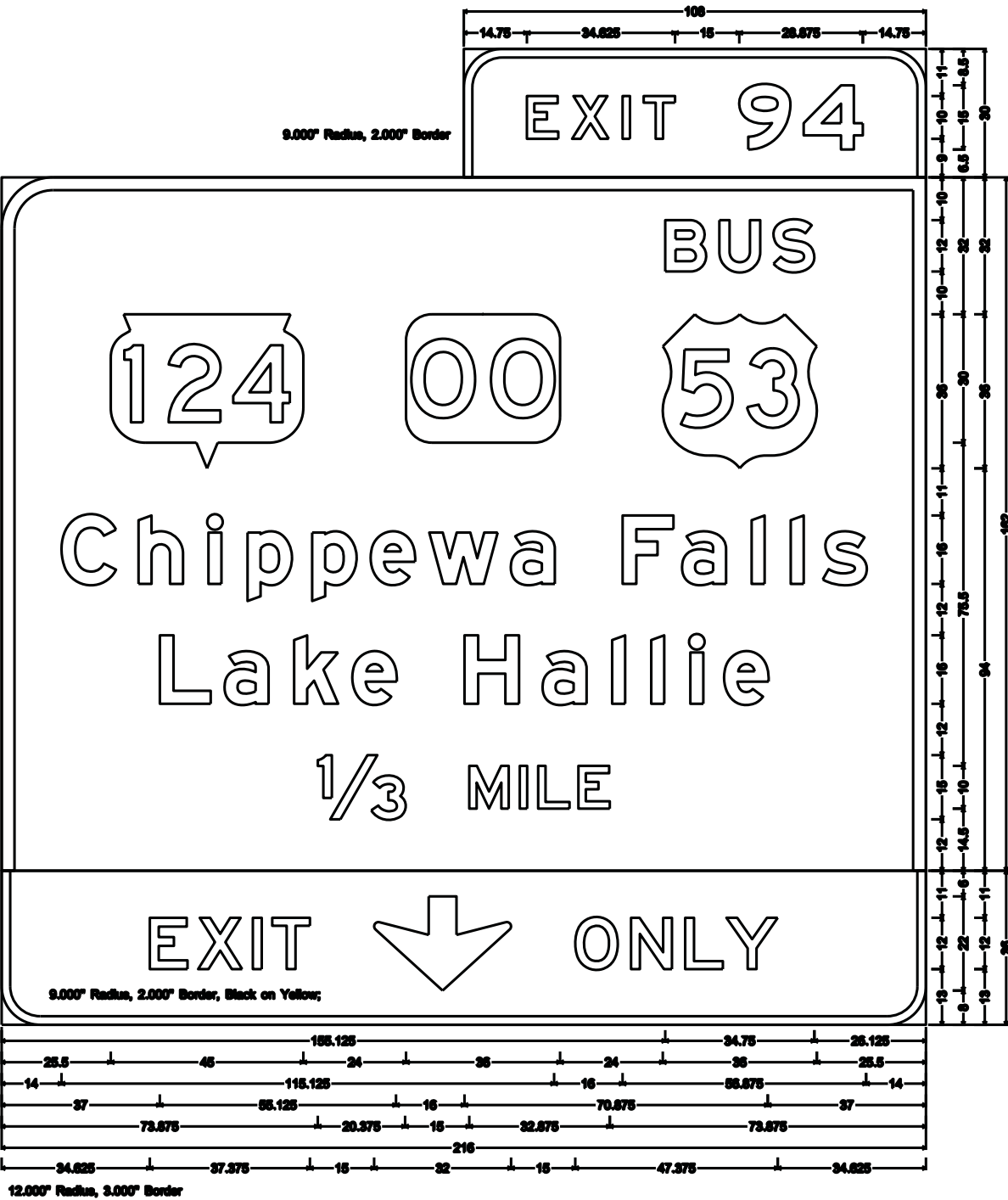
NOTES

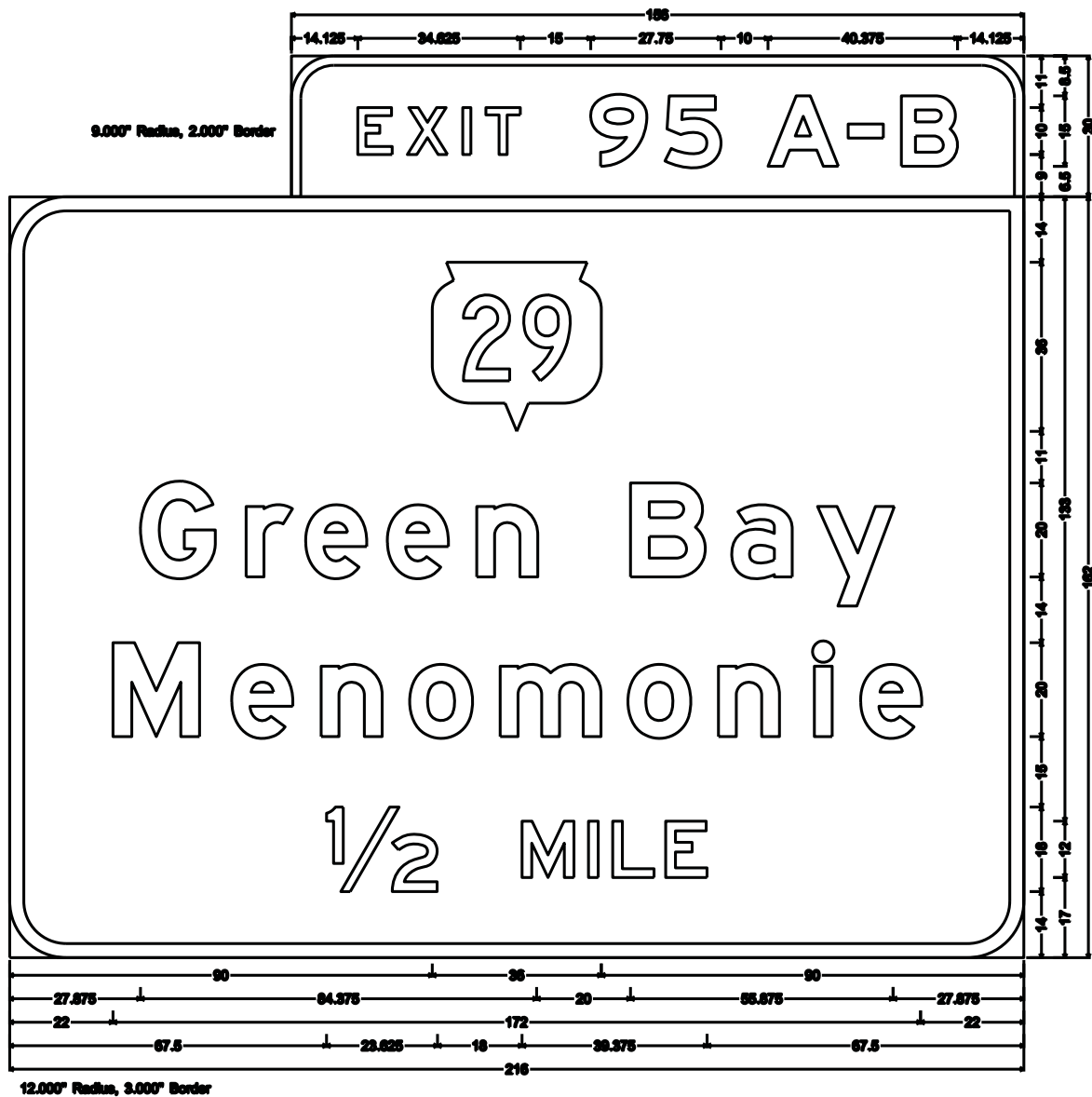
- 1. All Signs are Type I - Type SH Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E Modified except all cap Words are Series E
- 3. Exit Only panels are Yellow Type F Sheeting Background with Black Message



NOTES

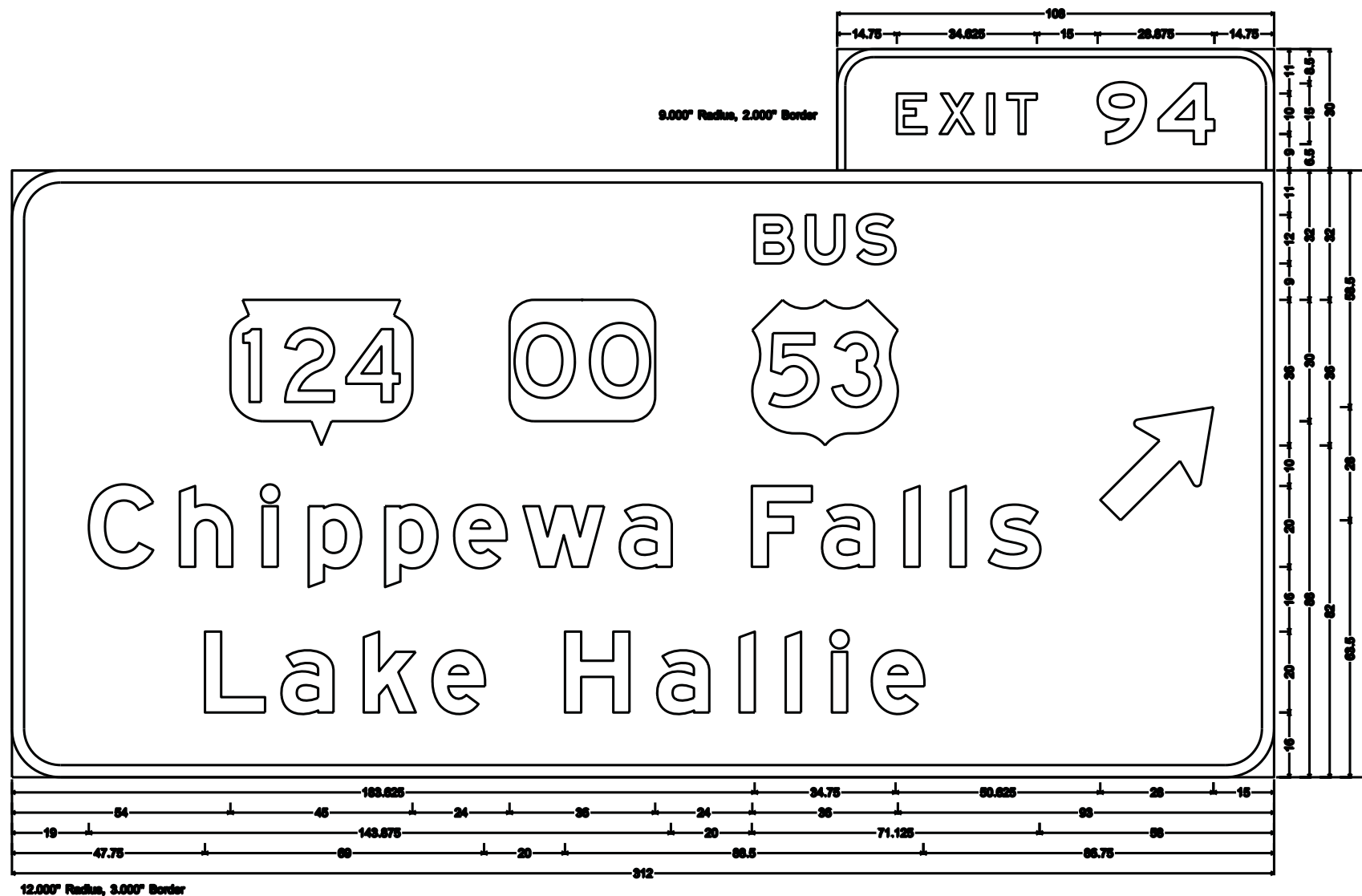
- 1. All Signs are Type I - Type SH Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E Modified except all cap Words are Series E
- 3. Exit Only panels are Yellow Type F Sheeting Background with Black Message





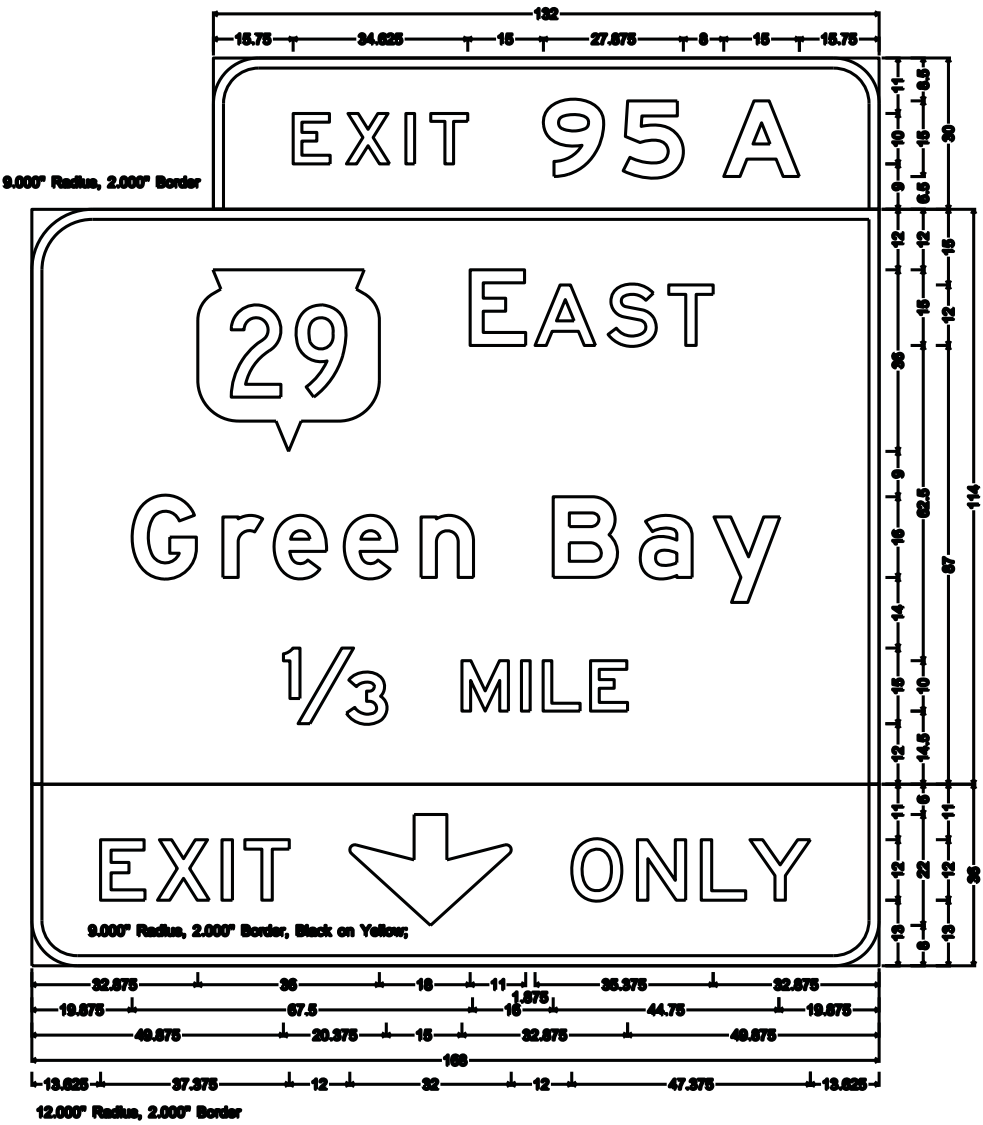
NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
Background - Green
Message - White
3. Message Series - E Modified except all cap Words are Series E
3. Exit Only panels are Yellow Type F Sheeting Background with Black Message



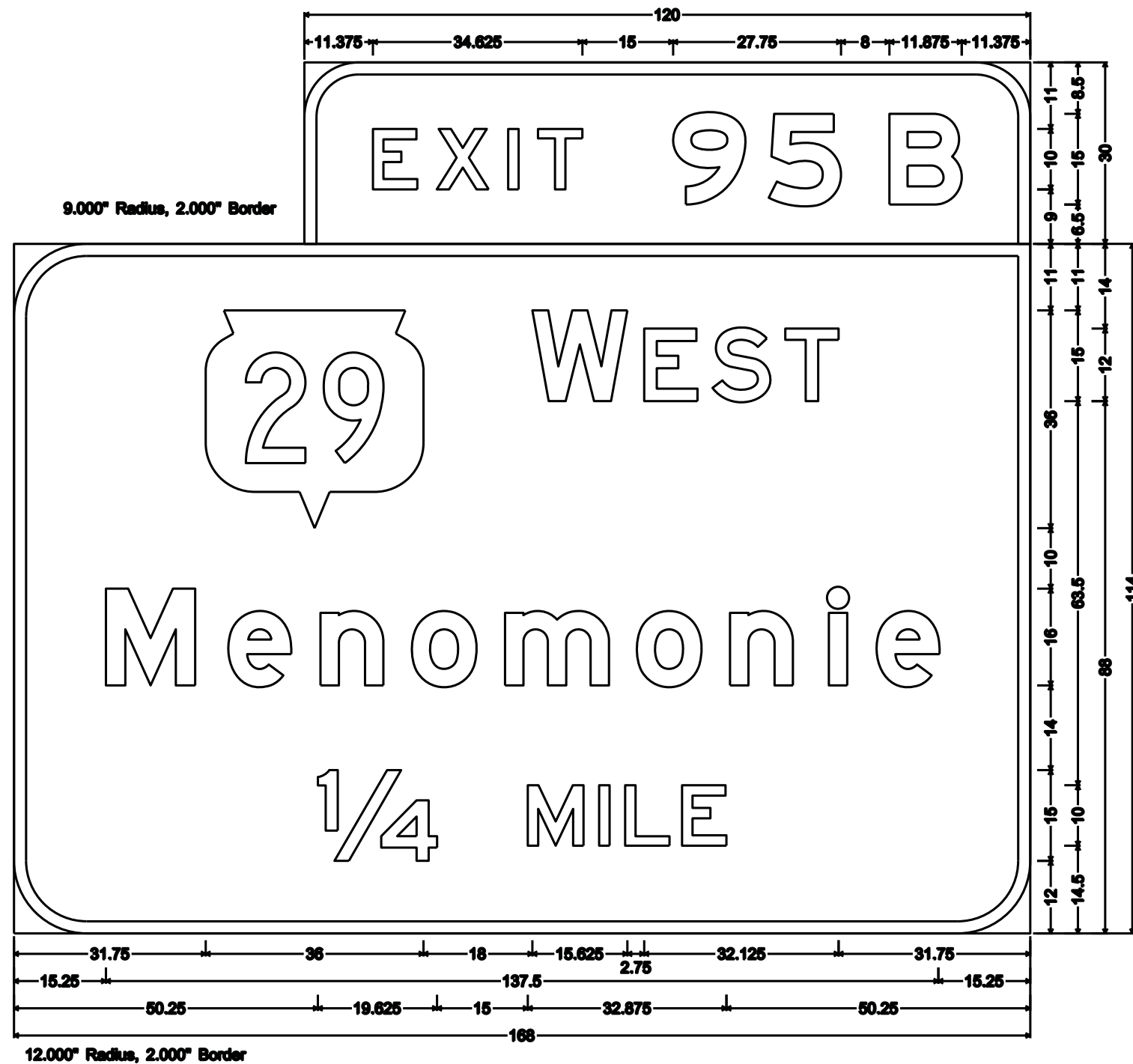
NOTES

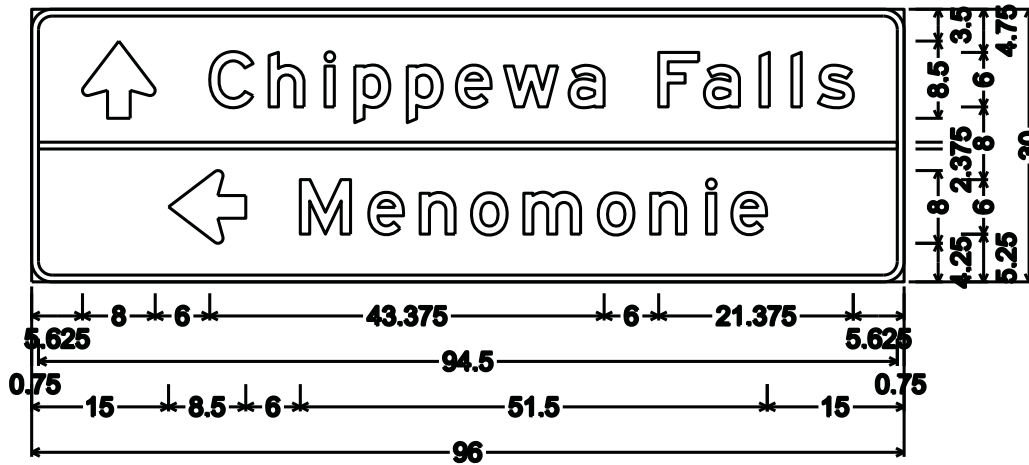
- 1. All Signs are Type I - Type SH Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E Modified except all cap Words are Series E
- 3. Exit Only panels are Yellow Type F Sheeting Background with Black Message



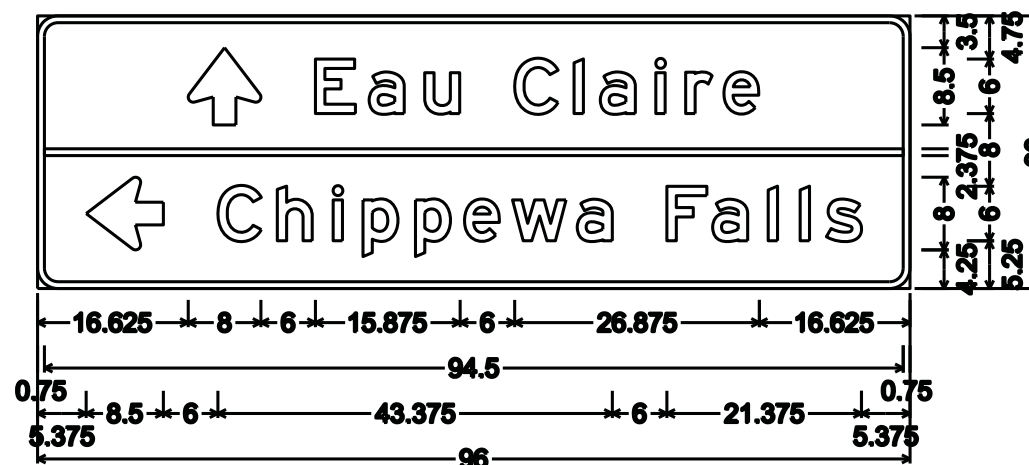
NOTES

1. All Signs are Type I - Type SH Reflective
2. Color:
Background - Green
Message - White
3. Message Series - E Modified except all cap Words are Series E

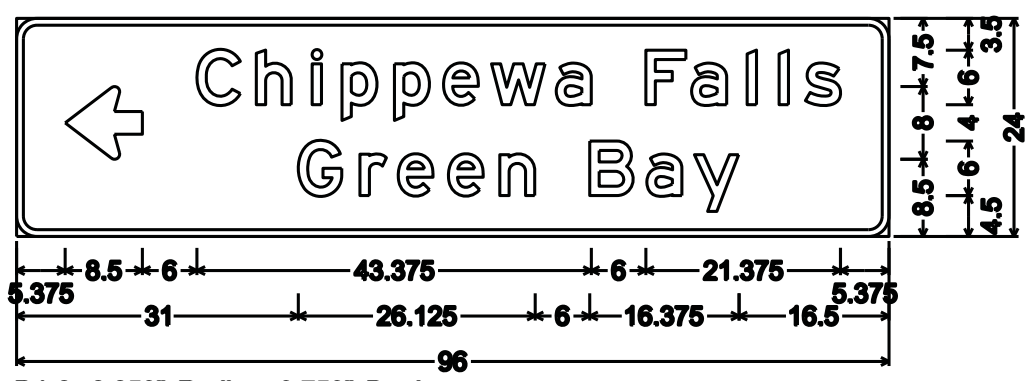




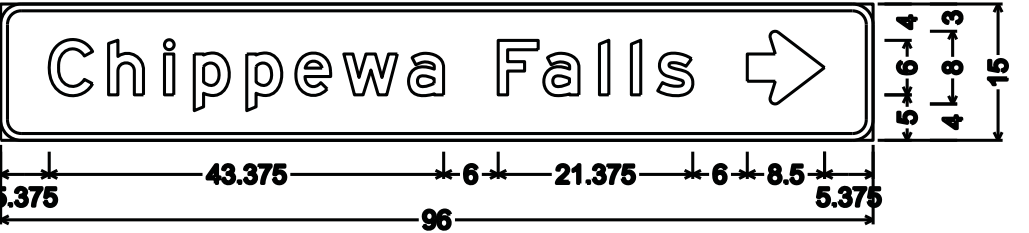
D1-2; 2.250" Radius, 0.750" Border



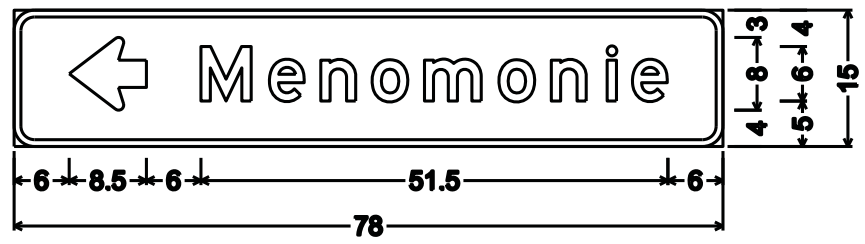
D1-2; 2.250" Radius, 0.750" Border



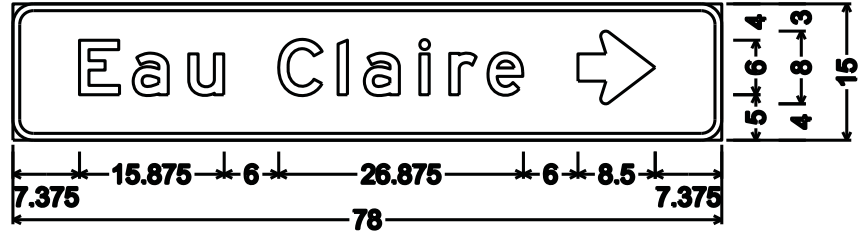
D1-2; 2.250" Radius, 0.750" Border



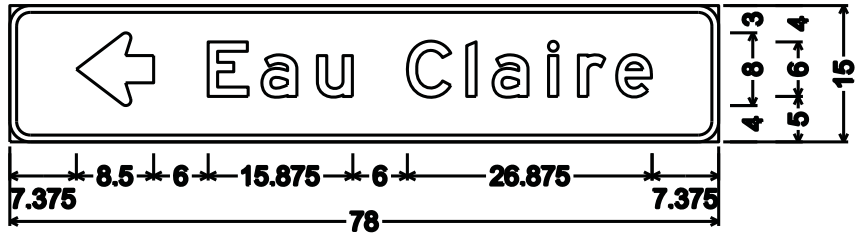
D1-1; 2.250" Radius, 0.750" Border



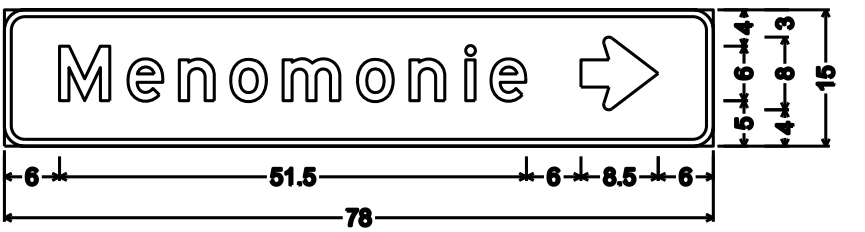
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



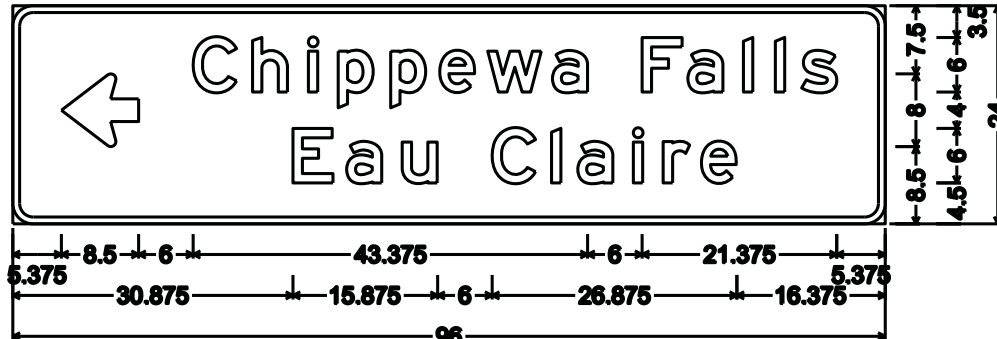
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



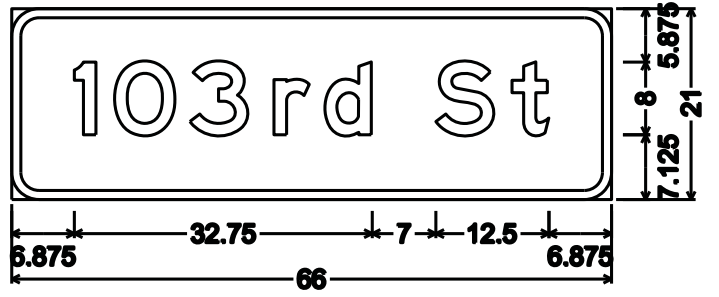
D1-1; 2.250" Radius, 0.750" Border



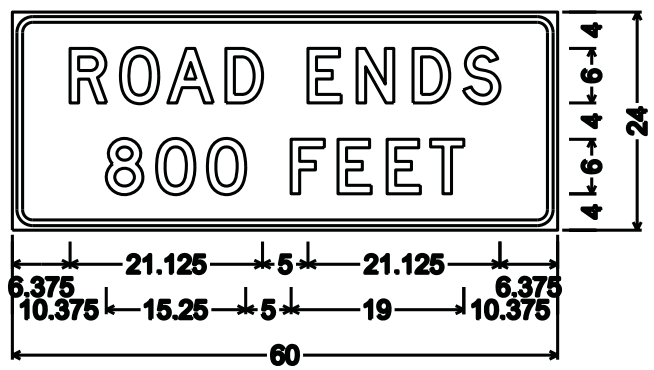
D1-2; 2.250" Radius, 0.750" Border

NOTES

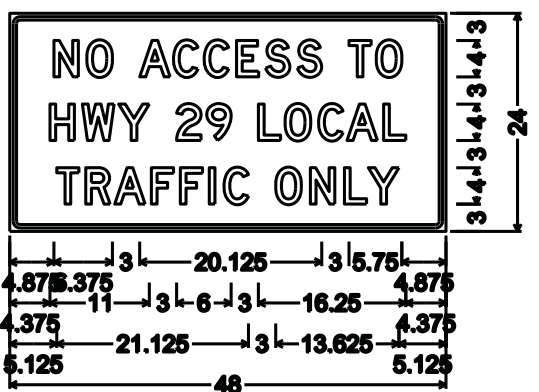
1. All Signs are Type II Type H Reflective
2. Color:
Background - Green except as noted
Message - White except as noted
3. Message Series - E except as noted



M1-94;
3.000" Radius, 1.000" Border



2.250" Radius, 0.625" Border, 0.500" Indent,
Black on Fluorescent yellow; Type F Sheeting
"ROAD" D; "ENDS" D; "800" D; "FEET" D;



1.125" Radius, 0.375" Border, 0.375" Indent,
"NO" D; "ACCESS" D; "TO" D; "HWY" D;
"29" D; "LOCAL" D; "TRAFFIC" D; "ONLY"
Black on White;