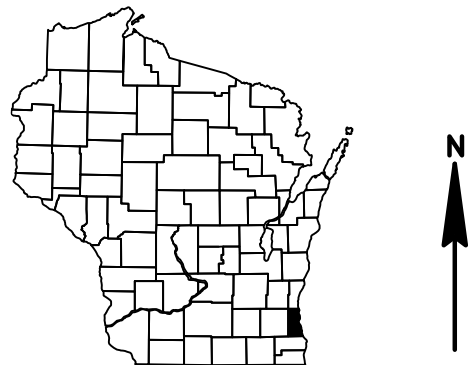


PROJECT ID: 1060-11-73
WITH: N/A

COUNTY: MILWAUKEE

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		IH-94 E-W/FREEWAY
A.A.D.T.	2019	= 170000
A.A.D.T.		=
D.H.V.	2035	=
D.D.		=
T.		=
DESIGN SPEED		= 55 MPH
ESALS		=

CONVENTIONAL SYMBOLS

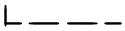
PLAN
CORPORATE LIMITS



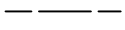
PROPERTY LINE



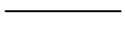
LOT LINE



LIMITED HIGHWAY EASEMENT



EXISTING RIGHT OF WAY



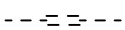
PROPOSED OR NEW R/W LINE



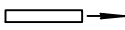
SLOPE INTERCEPT



REFERENCE LINE



EXISTING CULVERT



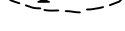
PROPOSED CULVERT
(Box or Pipe)



COMBUSTIBLE FLUIDS



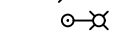
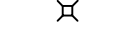
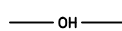
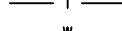
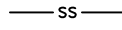
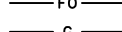
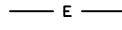
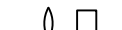
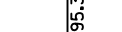
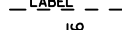
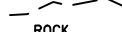
MARSH AREA



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
OVERHEAD ELECTRIC
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE
LIGHT POLE

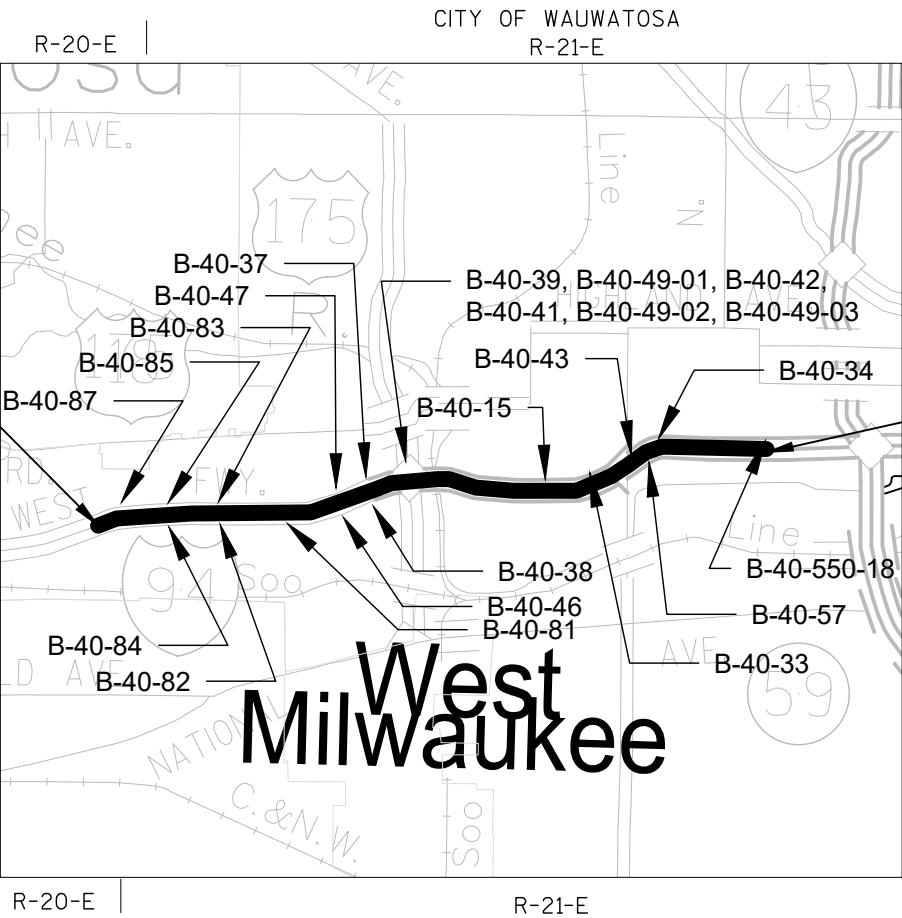


STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
IH 94 EAST WEST FREEWAY
70TH STREET TO 16TH STREET
IH 94
MILWAUKEE COUNTY

STATE PROJECT NUMBER
1060-11-73

BEGIN PROJECT
STA 284+92.76
X=581732.995
Y=296430.937

END PROJECT
STA 600+43.80



LAYOUT
SCALE 0 0.5 MI.

TOTAL NET LENGTH OF CENTERLINE = 3.5 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, MILWAUKEE COUNTY, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2007)

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1060-11-73		

DRAFT PS&E

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	_____
Designer	WISDOT
Project Manager	SCOTT ANDERSON
Regional Examiner	_____
Regional Supervisor	WAFA ELQAO
APPROVED FOR THE DEPARTMENT	
DATE: _____	(Signature)

E

GENERAL NOTES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPERATELY.

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- PLAN DETAILS
- TRAFFIC CONTROL
- DETOURS

OTHER CONTACTS

WISDOT DESIGN

SCOTT ANDERSON, PROJECT MANAGER
141 NW BARSTOW ST.
WAUKESHA, WI 53187 0798
PHONE: (262) 548-6894
SCOTT.ANDERSON@DOT.WI.GOV

WISCONSIN DNR

MS. KRISTINA BETZOLD
2300 N DR. MARTIN LUTHER KING DRIVE
MILWAUKEE, WI 53212
PHONE: (414) 507-4946
KRISTINA.BETZOLD@WISCONSIN.GOV

MILWAUKEE COUNTY TRANSIT SYSTEM

MS. MELANIE FLYNN
1942 N. 17TH ST.
MILWAUKEE, WI 53205
PHONE: (414) 343-1764
MFLYNN@MCTS.ORG

WISCONSIN COACH LINES, INC.

MR. TOM DIECKELMAN
1520 ARCADIAN AVENUE
WAUKESHA, WI 53186
PHONE: (262) 542-8861 EXT. 140
TOM.DIECKELMAN@COACHUSA.COM

UTILITY CONTACTS

AT&T LEGACY

KENNETH COLWELL
222 W JACKSON
WOODSTOCK, IL 60098
PHONE: (312) 734-2223
kc1298@att.com

AT&T WISCONSIN

JAY BULANEK
2005 PEWAUKEE RD
WAUKESHA, WI 53188-2443
PHONE: (262) 896-7669
jb5175@att.com

AT&T MOBILITY

IFEY ONUA
930 NATIONAL PKWY,ROOM 4A01D
SCHAUMBURG, IL 60173
PHONE: (847) 330-3471
lo1826@att.com

ATC MANAGEMENT, INC.

MIKE OLSEN
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54115-6113
PHONE: (920) 338-6582
molsen@atcllc.com

CITY OF MILWAUKEE - ELECTRICITY

SAMIR AMIN
841 N BROADWAY RD
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE - ROAD FACILITY

SAMIR AMIN
841 N BROADWAY RD
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE - SEWER

SAMIR AMIN
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE - WATER

SAMIR AMIN
841 N BROADWAY RD
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CHARTER COMMUNICATIONS

PETE KRUZELA
1320 N DR MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
PHONE: (414) 908-1339
wis.engineering@charter.com

CITY OF WAUWATOSA - ROAD FACILITY

WILLIAM WEHRLEY
7725 W NORTH AVE
WAUWATOSA, WI 53213
PHONE: (414) 479-8929
wwehrley@wauwatosa.net

CITY OF WAUWATOSA - SEWER

WILLIAM WEHRLEY
7725 W NORTH AVE
WAUWATOSA, WI 53213
PHONE: (414) 479-8929
wwehrley@wauwatosa.net

CITY OF WAUWATOSA - STREET LIGHTING

RANDY MICHELZ
11100 W WALNUT RD
WAUWATOSA, WI 53226
PHONE: (414) 471-8429
rmichelz@wauwatosa.net

WISDOT ATR PULL BOXES - ELECTRICITY

CHAD BIGLER
TRAVEL SURVEY SHOP, 3633 PIERSTORFF S
P.O. BOX 2583
MADISON, WI 53704-2583
PHONE: (608) 535-7413
chad.bigler@dot.wi.gov

CITY OF WEST ALLIS - COMMUNICATION LINE

PETER DANIELS
7525 W GREENFIELD AVE
WEST ALLIS, WI 53214
PHONE: (414) 302-8374
pdaniels@westalliswi.gov

CITY OF WEST ALLIS - ROAD FACILITY

PETER DANIELS
7525 W GREENFIELD AVE
WEST ALLIS, WI 53214
PHONE: (414) 302-8374
pdaniels@westalliswi.gov

CITY OF WEST ALLIS - SEWER

PETER DANIELS
7525 W GREENFIELD AVE
WEST ALLIS, WI 53214
PHONE: (414) 302-8374
pdaniels@westalliswi.gov

CITY OF WEST ALLIS - STREET LIGHTING

PETER DANIELS
7525 W GREENFIELD AVE
WEST ALLIS, WI 53214
PHONE: (414) 302-8374
pdaniels@westalliswi.gov

CITY OF WEST ALLIS - WATER

PETER DANIELS
7525 W GREENFIELD AVE
WEST ALLIS, WI 53214
PHONE: (414) 302-8374
pdaniels@westalliswi.gov

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

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



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

UTILITY CONTACTS

LEVEL 3 COMMUNICATIONS LLC

NETWORK RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
NationalRelo@centurylink.com

MILWAUKEE COUNTY PUBLIC WORKS ROAD FACILITY

DANIEL MURPHY
10320 WATERTOWN PLANK RD
WAUWATOSA, WI 53226
PHONE: (414) 257-5942
Daniel.murphy@milwaukeecountywi.gov

MILWAUKEE COUNTY PARKS - ELECTRICITY

BLAKE PRUSAK
1150 N 68TH STREET
MILWAUKEE, WI 53213
Blake.Prusak@milwaukeecountywi.gov

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT

MICKI KLAPPA-SULLIVAN
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: (414) 225-2178
MKlappaSullivan@mmsd.com

PAETEC COMMUNICATIONS, LLC

MARY FISHER
13935 BISHOPS DR
BROOKFIELD, WI 53005
PHONE: (262) 792-7938
Mary.B.Fisher@windstream.com

MARQUETTE UNIVERSITY - COMMUNICATION LINE

MICHAEL JAHNER
517 N 14TH ST
MILWAUKEE, WI 53233
PHONE: (414) 313-9583
Michael.Jahner@Marquette.edu

TDS METROCOM LLC

MATTHEW SCHULTE
16924 W VICTOR RD
NEW BERLIN, WI 53151
PHONE: (262) 754-3063
matt.schulte@tdstelecom.com

MIDWEST FIBER NETWORKS LLC

RICHARD TRGOVEC
6070 N FLINT RD
GLENDALE, WI 53209
PHONE: (414) 459-3554
rtrgovec@midwestfibernetworks.com

WISDOT - COMMUNICATION LINE

JEFF MADSON
STE. 300
433 W. ST. PAUL AVE
MILWAUKEE, WI 53203-3007
PHONE: (414) 225-3723
Jeffrey.Madson@dot.wi.gov

WISDOT - STREET LIGHTING

ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 574-5422
Eric.Perea@dot.wi.gov

WISDOT - WISCONSIN SIGNAL

DERRIN WOLFORD
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 521-4409
derrin.wolford@dot.wi.gov

ROGERS TELECOM - COMMUNICATION LINE

VICKIE MORAN
4804 N 40TH ST
SHEBOYGAN, WI 53083
PHONE: (920) 395-7125
vmoran@gabes.com

WE ENERGIES - ELECTRICITY

NICOLE SMULLEN
A299
333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
Nicole.Smullen@wecenergygroup.com

WE ENERGIES - GAS/PETROLEUM

NICOLE SMULLEN
A299
333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
Nicole.Smullen@wecenergygroup.com

WE ENERGIES - STEAM

NICOLE SMULLEN
A299
333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
Nicole.Smullen@wecenergygroup.com

VERIZON BUSINESS - COMMUNICATION LINE

OSP NATIONAL SUPPORT/INVESTIGATIONS
2400 NORTH GLENVILLE
RICHARDSON, TX 75082
Investigations@Verizon.com

VILLAGE OF WEST MILAWUKEE - WATER

KIM EGAN
4755 W BELOIT
WEST MILWAUKEE, WI 53214
PHONE: (414) 645-1530

WAUWATOSA WATER UTILITY

ADAM FLORIN
7725 W NORTH AVE
WAUWATOSA, WI 53213
PHONE: (414) 479-8963
AFlorin@wauwatosa.net

WEST ALLIS WEST MILWAUKEE SCHOOL DISTRICT - COMMUNICATION LINE

JOEL MIKULSKY
PO BOX 11064
GREEN BAY, WI 54307
PHONE: (920) 676-0494

WEST ALLIS WEST MILWAUKEE SCHOOL DISTRICT - ITSNET

BRUCE ROWELL
4933 ALLEN RD
LITTLE SUAMICO, WI 54141
PHONE: (920) 826-4600
browell@access-engineering.com

WINDSTEAM KDL, LLC - COMMUNICATION LINE

MARY FISHER
13935 BISHOPS DR
BROOKFIELD, WI 53005
PHONE: (262) 792-7938
Mary.B.Fisher@windstream.com

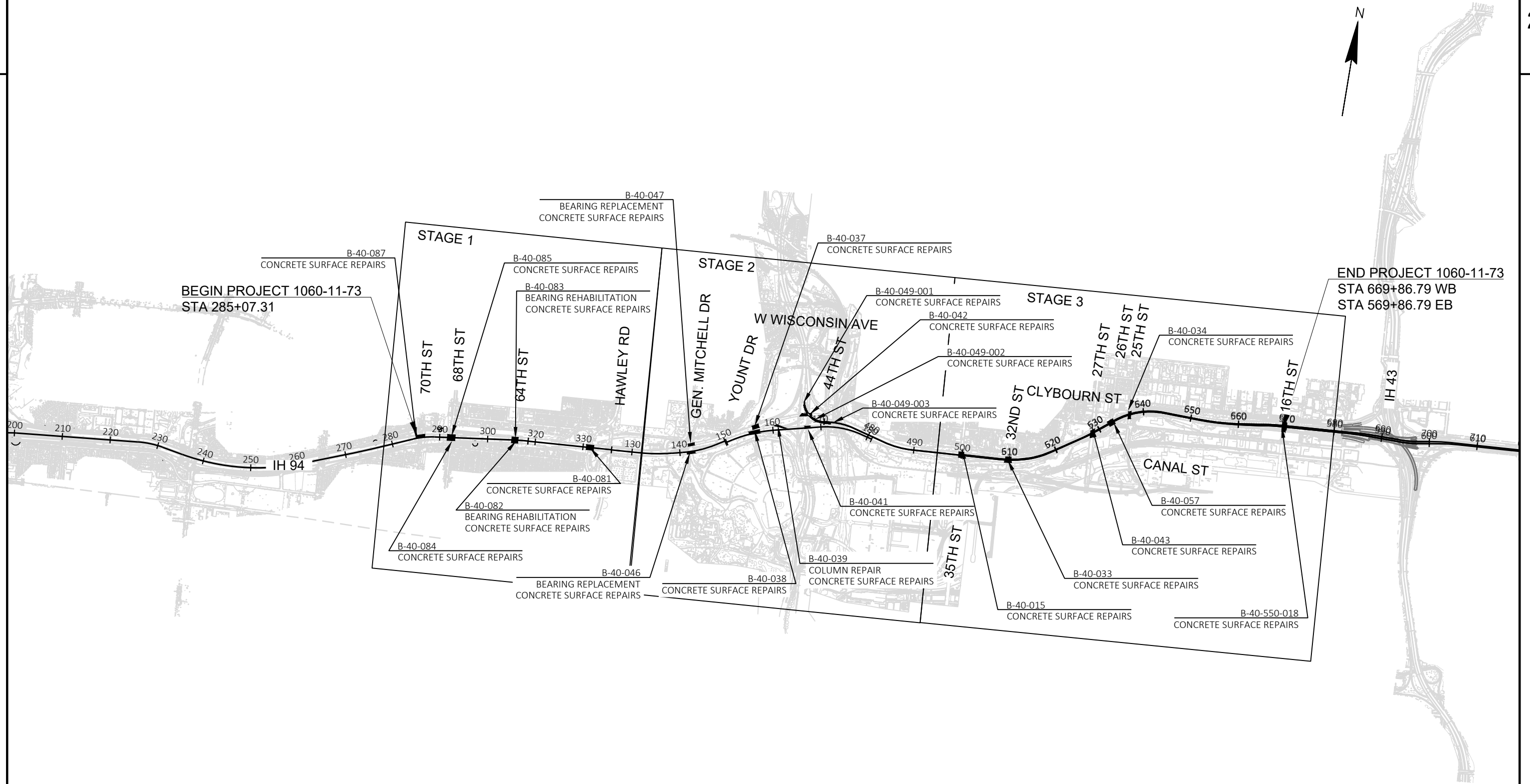
TO OBTAIN LOCATION OF
PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU DIG IN
WISCONSIN

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

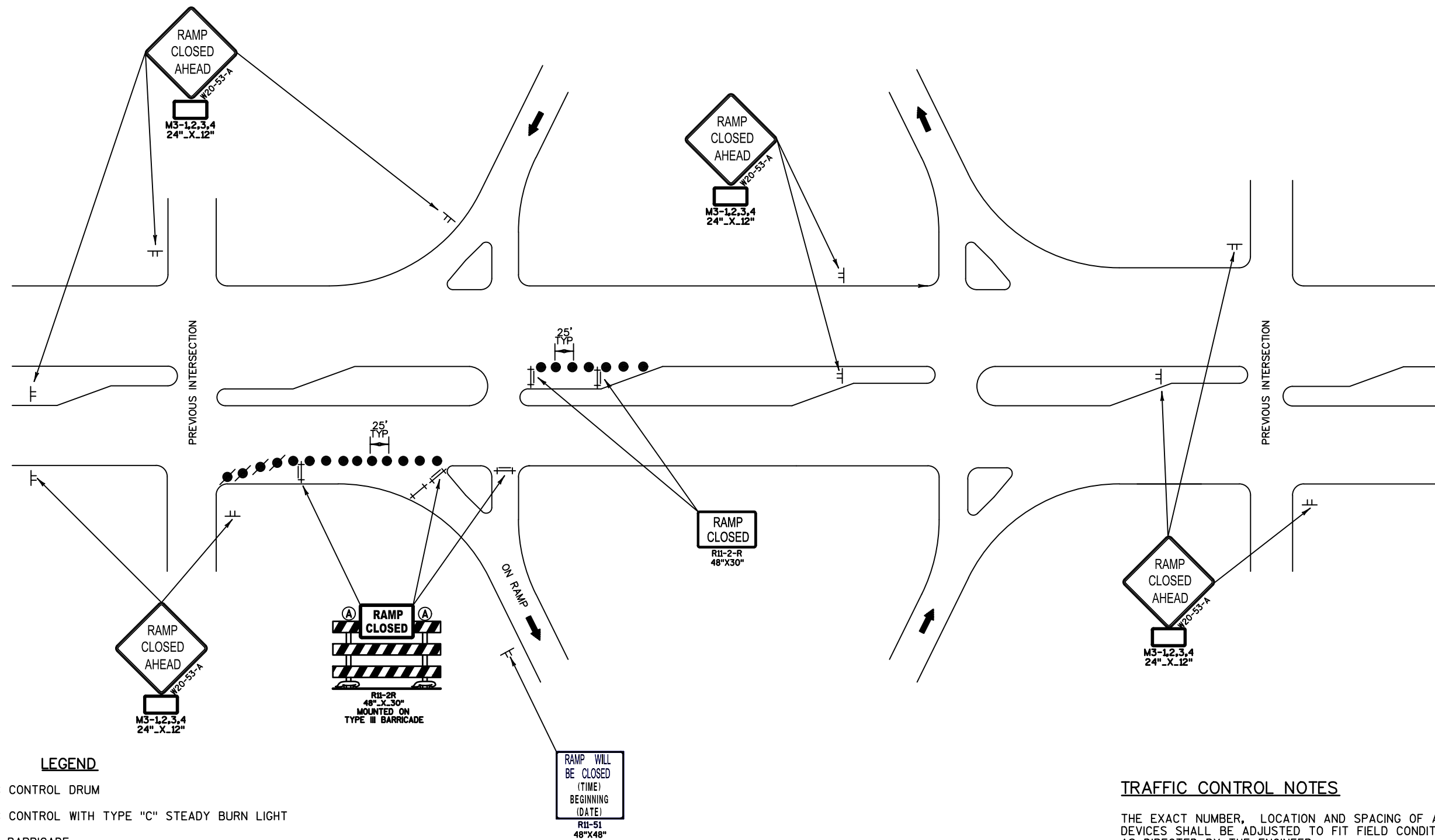
DIGGERSHOTLINE

Dial 811 or (800) 242-8511

www.DiggersHotline.com



PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET	E
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**LEGEND**

- TRAFFIC CONTROL DRUM
- ⦿ TRAFFIC CONTROL WITH TYPE "C" STEADY BURN LIGHT
- ⊥ TYPE III BARRICADE
- ⊥⊥ TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHT (FLASHING)
- ⦿ SIGN ON PERMANENT SUPPORT
- ⊥ SIGN ON TEMPORARY SUPPORT
- ➔ DIRECTION OF TRAFFIC

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE
SHORT TERM ONLY

TRAFFIC CONTROL NOTES

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

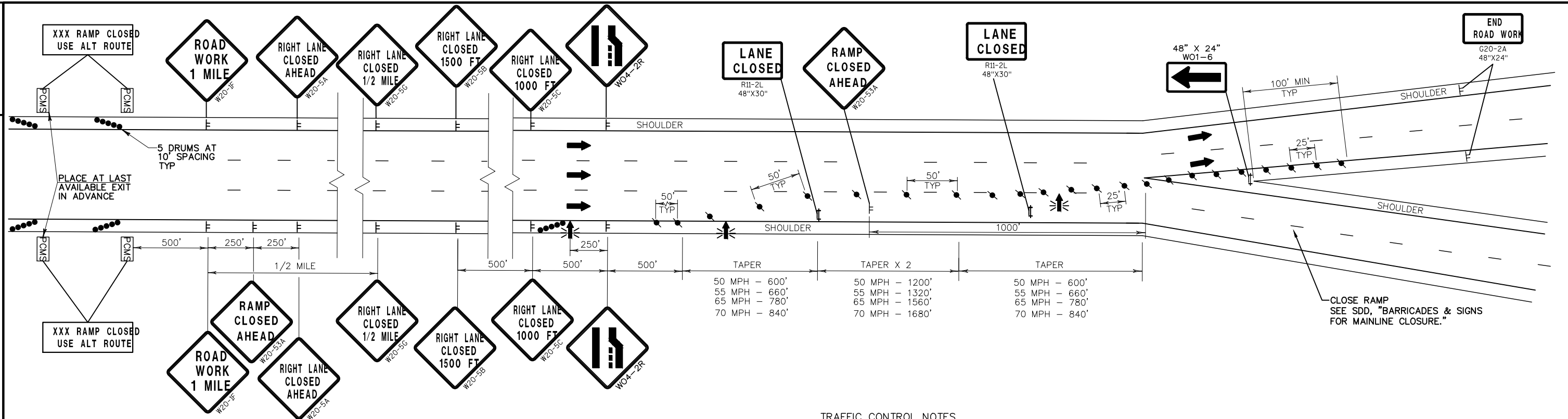
SHORT TERM DEFINED AS 7 DAYS/NIGHTS OR LESS. FOR NIGHT TIME OPERATIONS ALL DRUMS IN TAPERS SHALL HAVE WARNING LIGHT, TYPE C (STEADY BURN). MAY BE APPLIED TO ARTERIALS OR LOCAL ROADS.

NORTH
M3-1
24" X 12"

EAST
M3-2
24" X 12"

SOUTH
M3-3
24" X 12"

WEST
M3-4
24" X 12"



- LEGEND**
- TRAFFIC CONTROL DRUM
 - TRAFFIC CONTROL WITH TYPE "C" STEADY BURN LIGHT
 - † TYPE III BARRICADE WITH TWO (2) TYPE "A" WARNING LIGHTS (FLASHING)
 - † TYPE III BARRICADE WITH SIGN WITH TWO (2) AND TYPE "A" WARNING LIGHTS (FLASHING)
 - SIGN ON PERMANENT SUPPORT
 - † SIGN ON TEMPORARY SUPPORT
 - † FLASHING ARROW BOARD
 - DIRECTION OF TRAFFIC
 - PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD

TRAFFIC CONTROL NOTES

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

ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN).

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

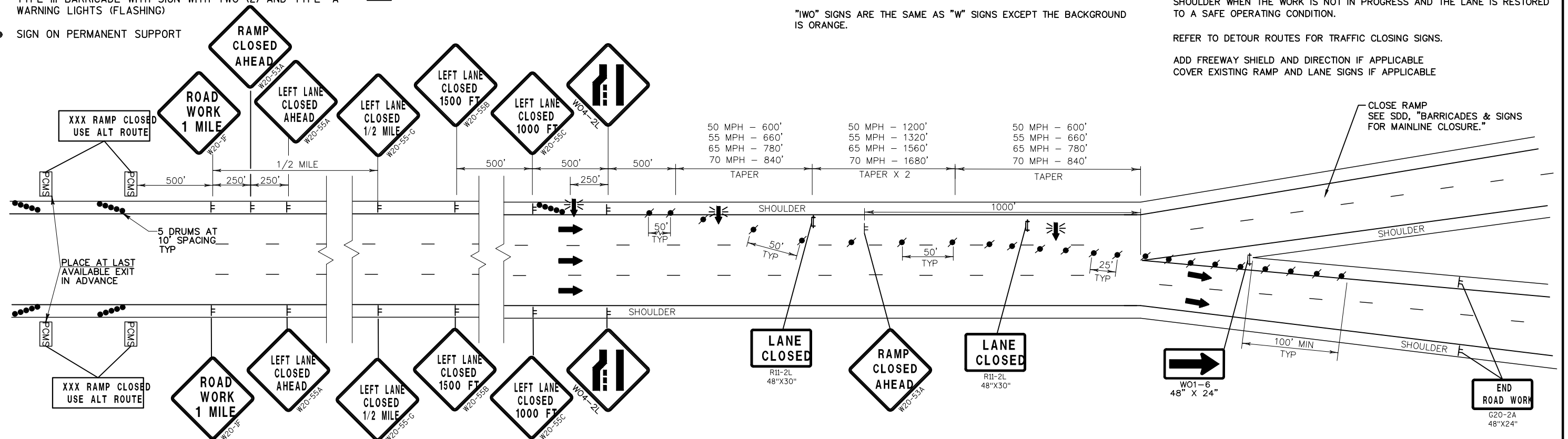
"IWO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

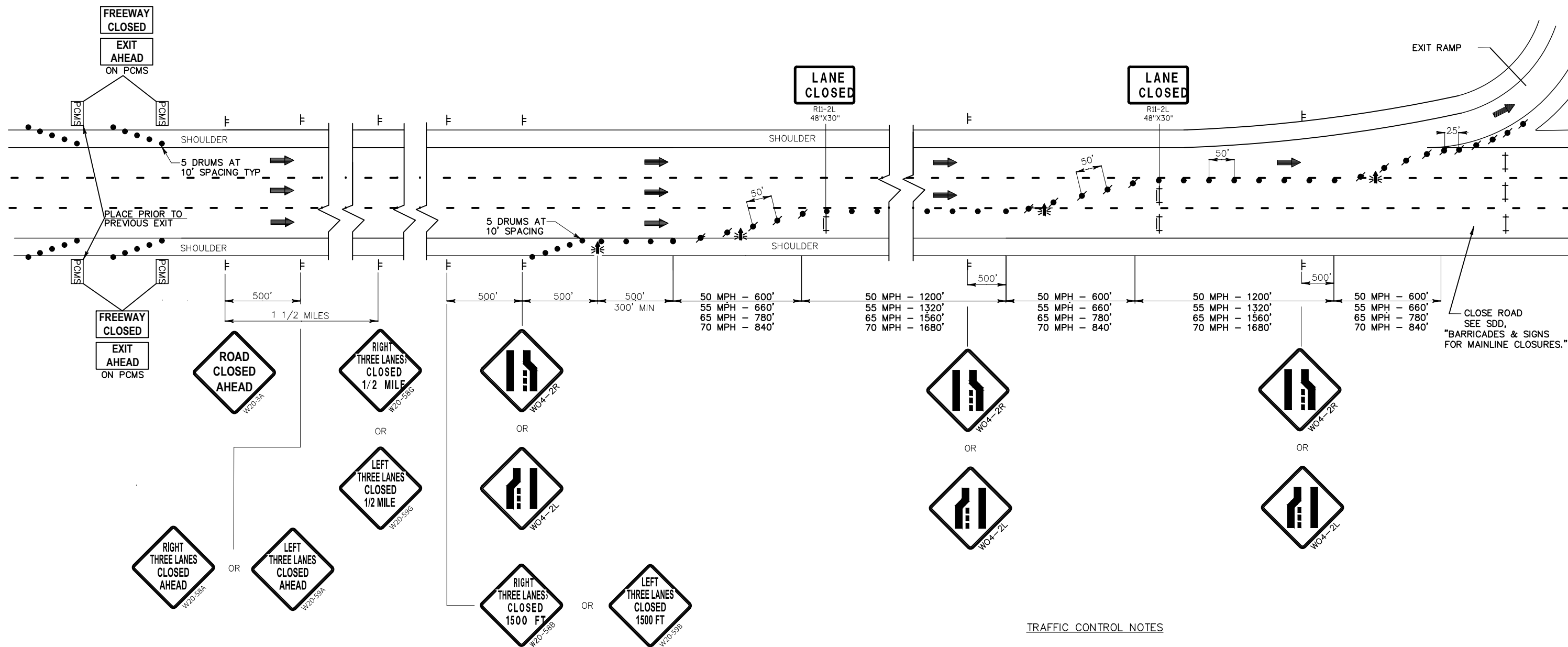
ALL SHORT-TERM LANE CLOSURE SIGNS SHALL BE COMPLETELY REMOVED OR COVERED AND ALL ARROW BOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

REFER TO DETOUR ROUTES FOR TRAFFIC CLOSING SIGNS.

ADD FREEWAY SHIELD AND DIRECTION IF APPLICABLE
COVER EXISTING RAMP AND LANE SIGNS IF APPLICABLE



TYPICAL SYSTEM RAMP CLOSURE

**LEGEND**

- TRAFFIC CONTROL DRUM
- ⦿ TRAFFIC CONTROL WITH TYPE "C" STEADY BURN LIGHT
- † TYPE III BARRICADE WITH TWO (2) TYPE "A" WARNING LIGHTS (FLASHING)
- †† TYPE III BARRICADE WITH SIGN WITH TWO (2) TYPE "A" WARNING LIGHTS (FLASHING)
- SIGN ON PERMANENT SUPPORT
- ⦿ SIGN ON TEMPORARY SUPPORT
- ⚡ FLASHING ARROW BOARD
- ➡ DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD
- ▨ WORK AREA

THREE LANE FULL FREEWAY CLOSURE**TRAFFIC CONTROL NOTES**

RIGHT LANE CLOSURE SHOWN (LEFT LANE CLOSURE SIMILAR).

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

FOR NIGHTTIME OPERATION ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN).

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

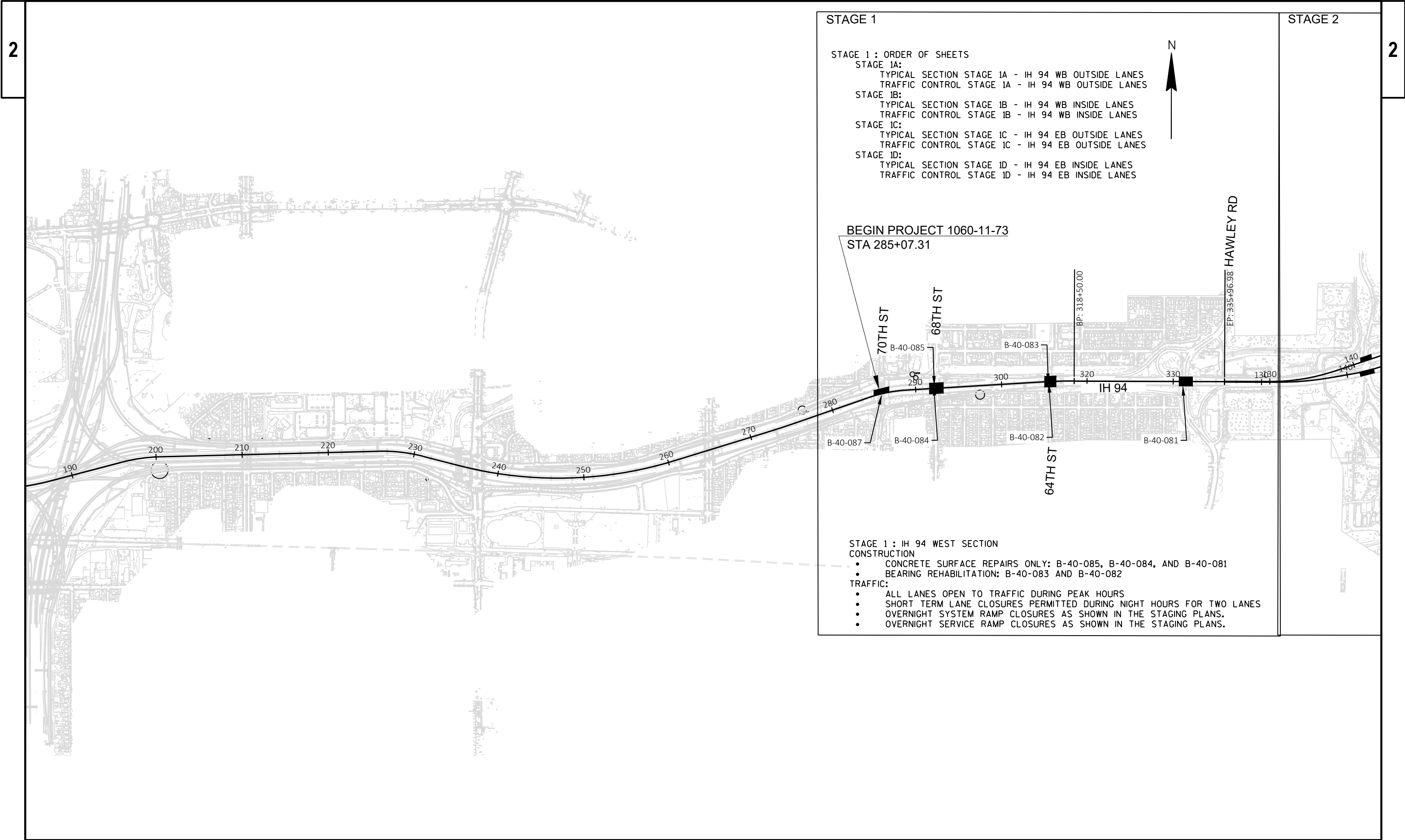
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

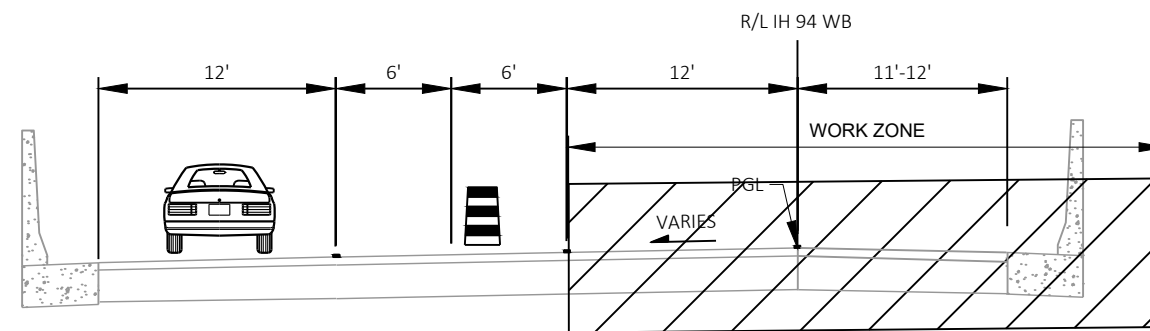
WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

IF LANE CLOSURE IS MORE THAN 1 MILE, PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1000' ACROSS EACH CLOSED LANE TO HELP ENFORCE THE DRUM LINE.

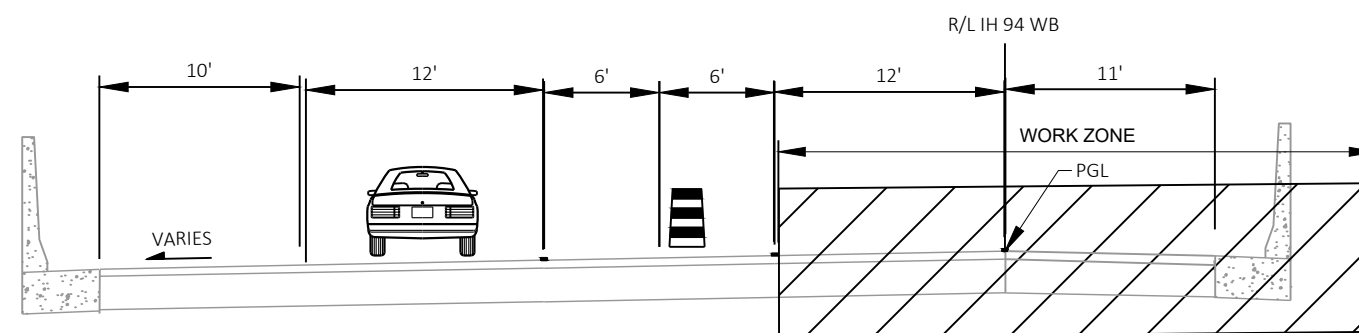
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500' IN FRONT OF DRUMS, WITH LANE CLOSED SIGN.

REFER TO DETOUR ROUTES FOR TRAFFIC CLOSING SIGNS.

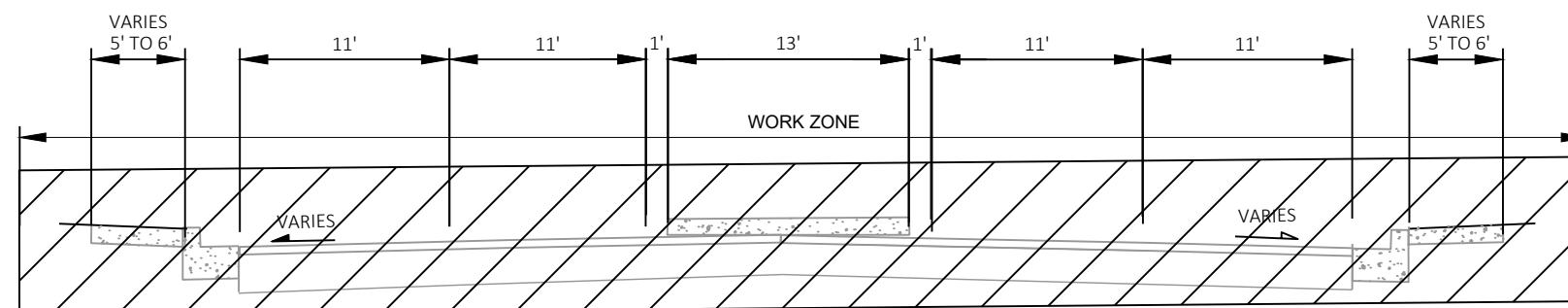




IH 94 WB OUTSIDE LANES
B-40-081 (HAWLEY RD)

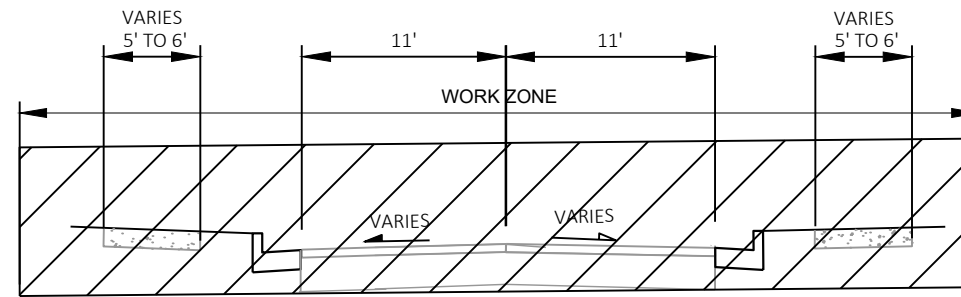


IH 94 WB OUTSIDE LANES
B-40-083 (64TH ST)
B-40-085 (68TH ST)
B-40-087 (70TH ST)

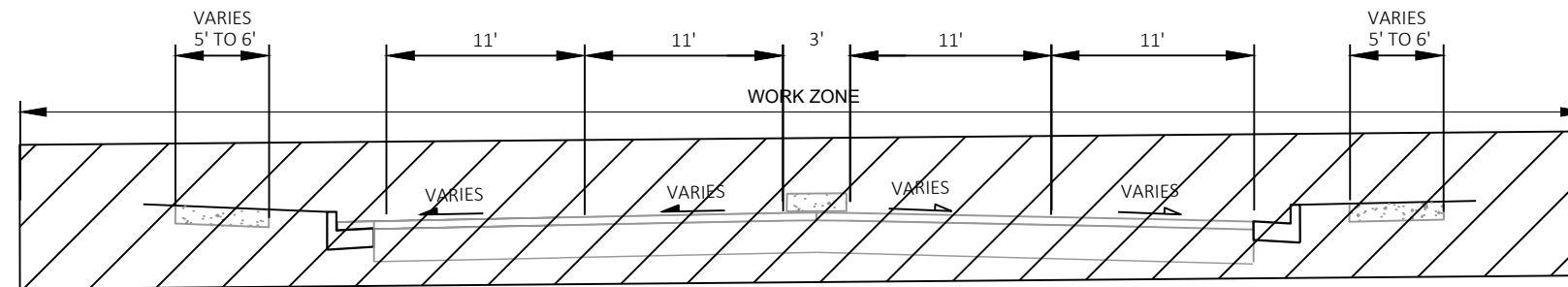


HAWLEY ROAD UNDER BRIDGE
B-40-081
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

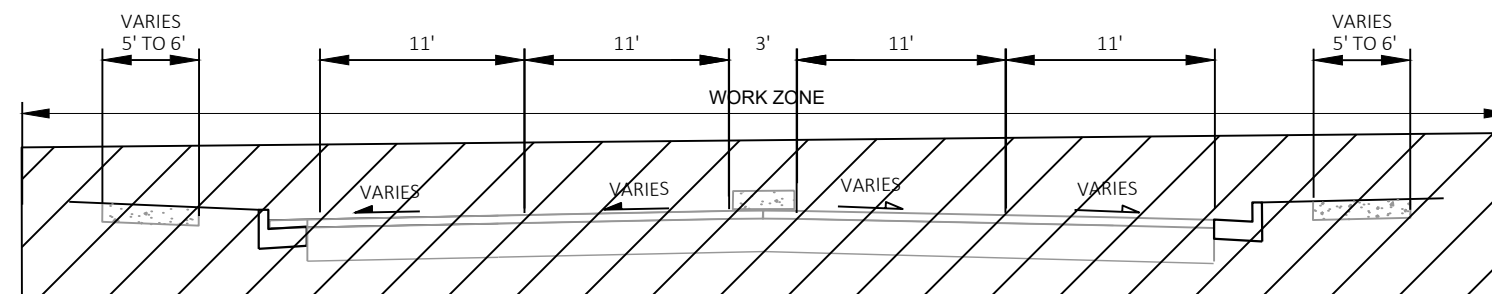
NOTE:
TYPICAL SECTIONS DO NOT REFLECT ALL DIFFERENCES IN
EXISTING CONDITIONS BEYOND EXISTING SHOULDERS.



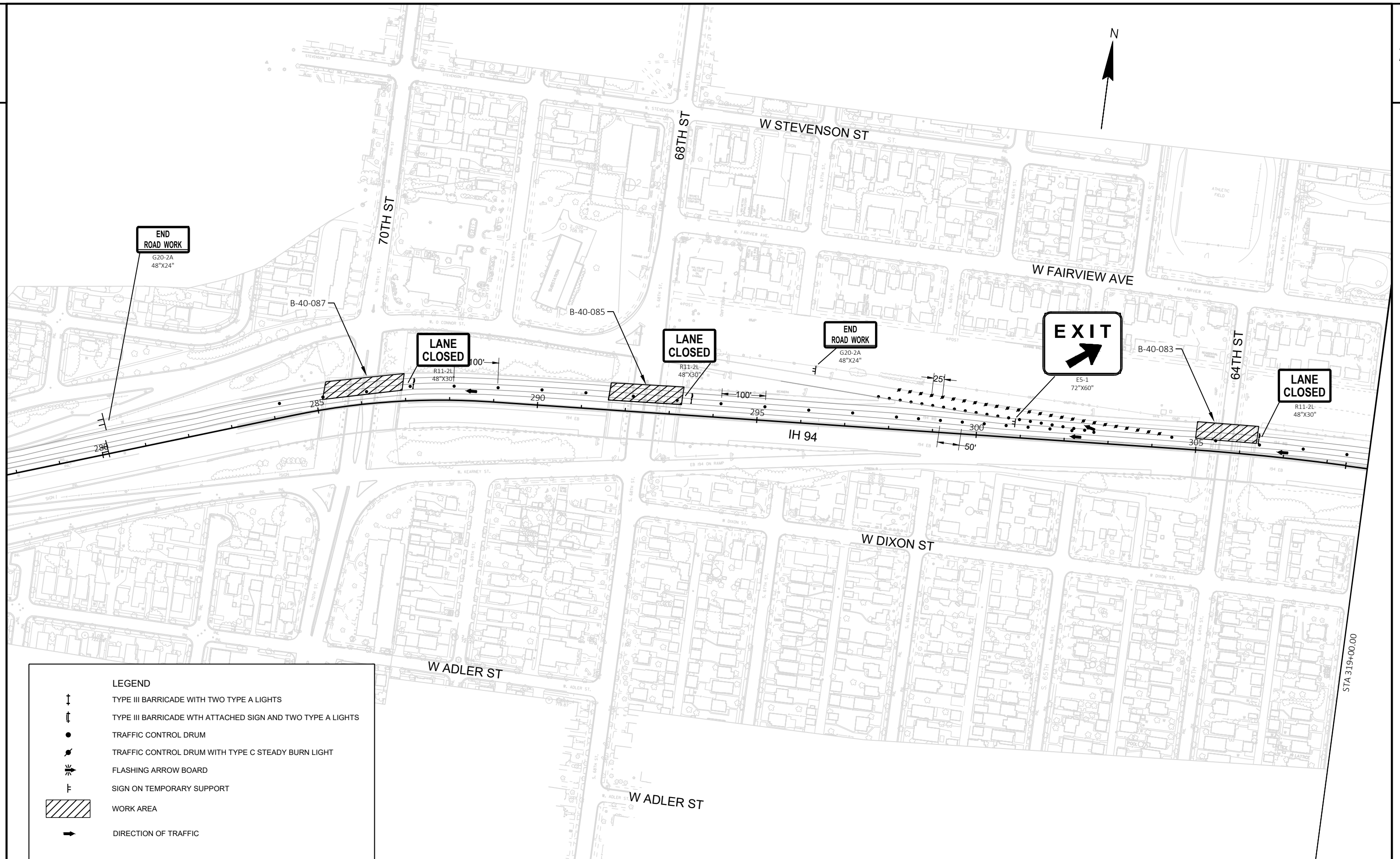
64TH ST UNDER BRIDGE
B-40-083
CONCRETE SURFACE REPAIRS
BEARING REHABILITATION
ROAD CLOSED DURING NIGHTTIME
HOURS ONLY



68TH ST UNDER BRIDGE
B-40-085
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS
ONLY



70TH ST UNDER BRIDGE
B-40-087
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS
ONLY



PROJECT NO: 1060-11-73

HWY: IH 94

COUNTY: MILWAUKEE

STAGE 1A - IH 94 WB OUTSIDE LANES

SHEET

E

FILE NAME : N:\PDS\VC3D\10601103\SHEETSPLAN\TC\025101_TC_WEST_SECTION_WB_OUT.DWG
LAYOUT NAME - 026004_s1

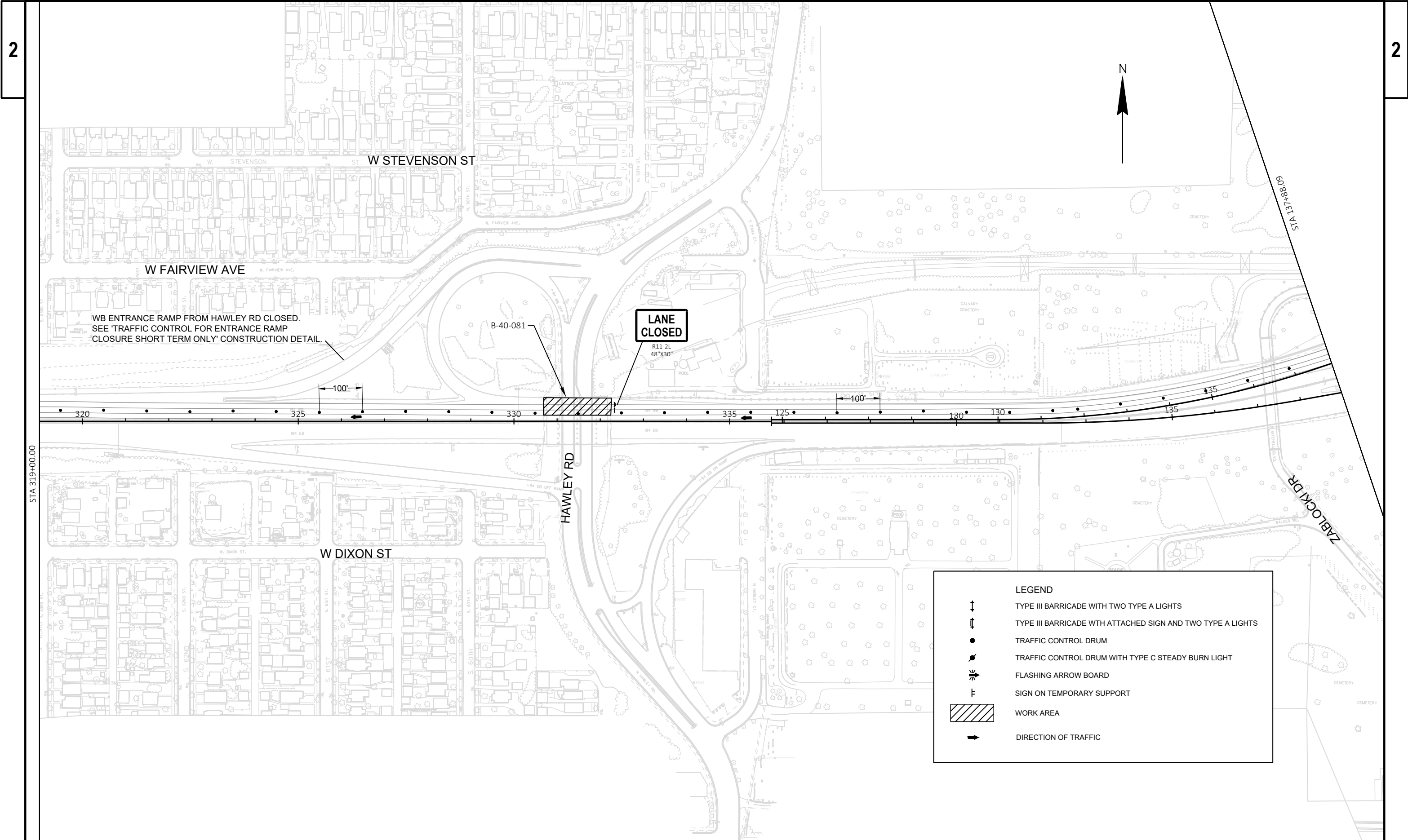
PLOT DATE : 11/7/2019 11:10 AM

PLOT BY : MERLINE, HILARY ANN

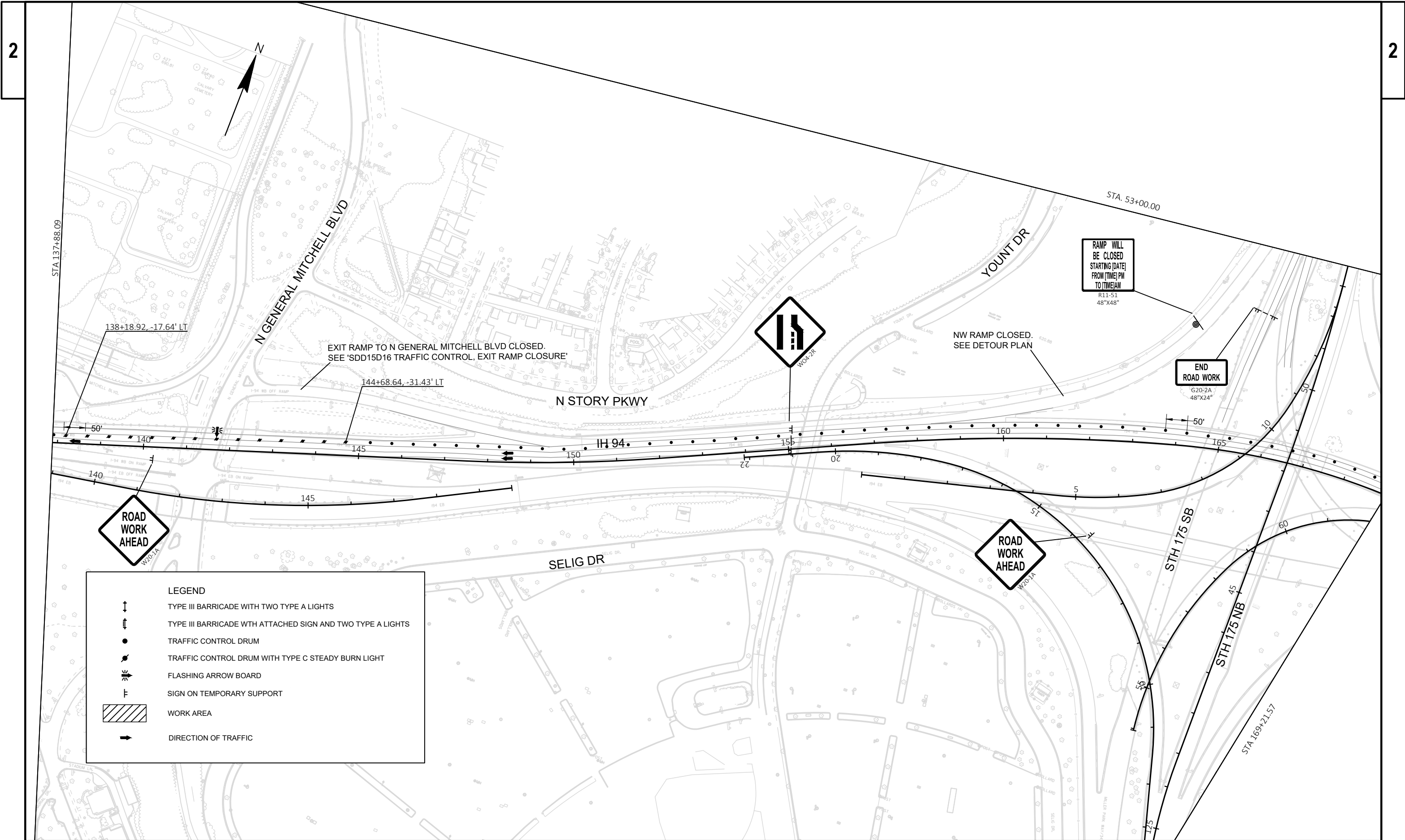
PLOT NAME :

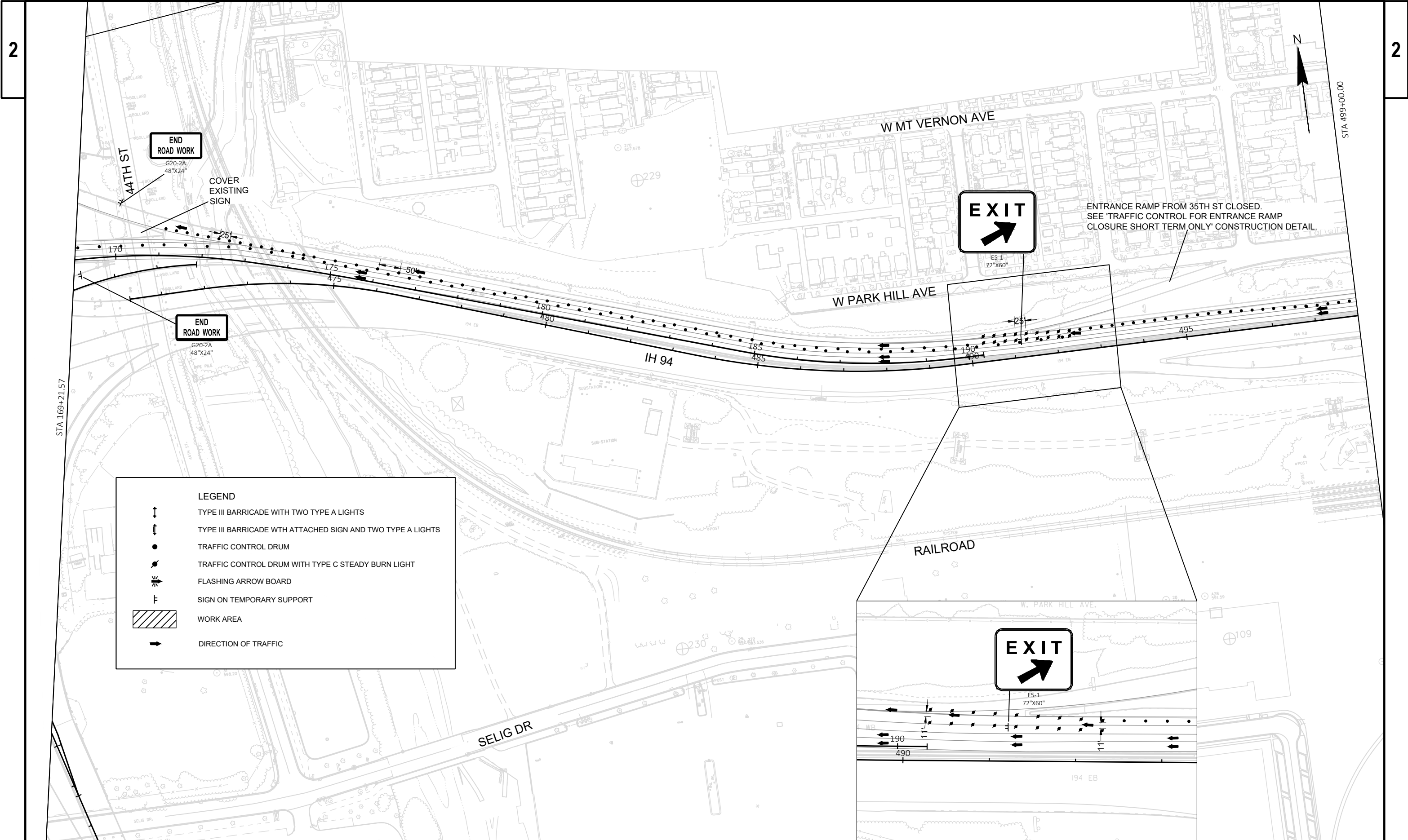
PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 42



STA 319+00.00





LEGEND

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●

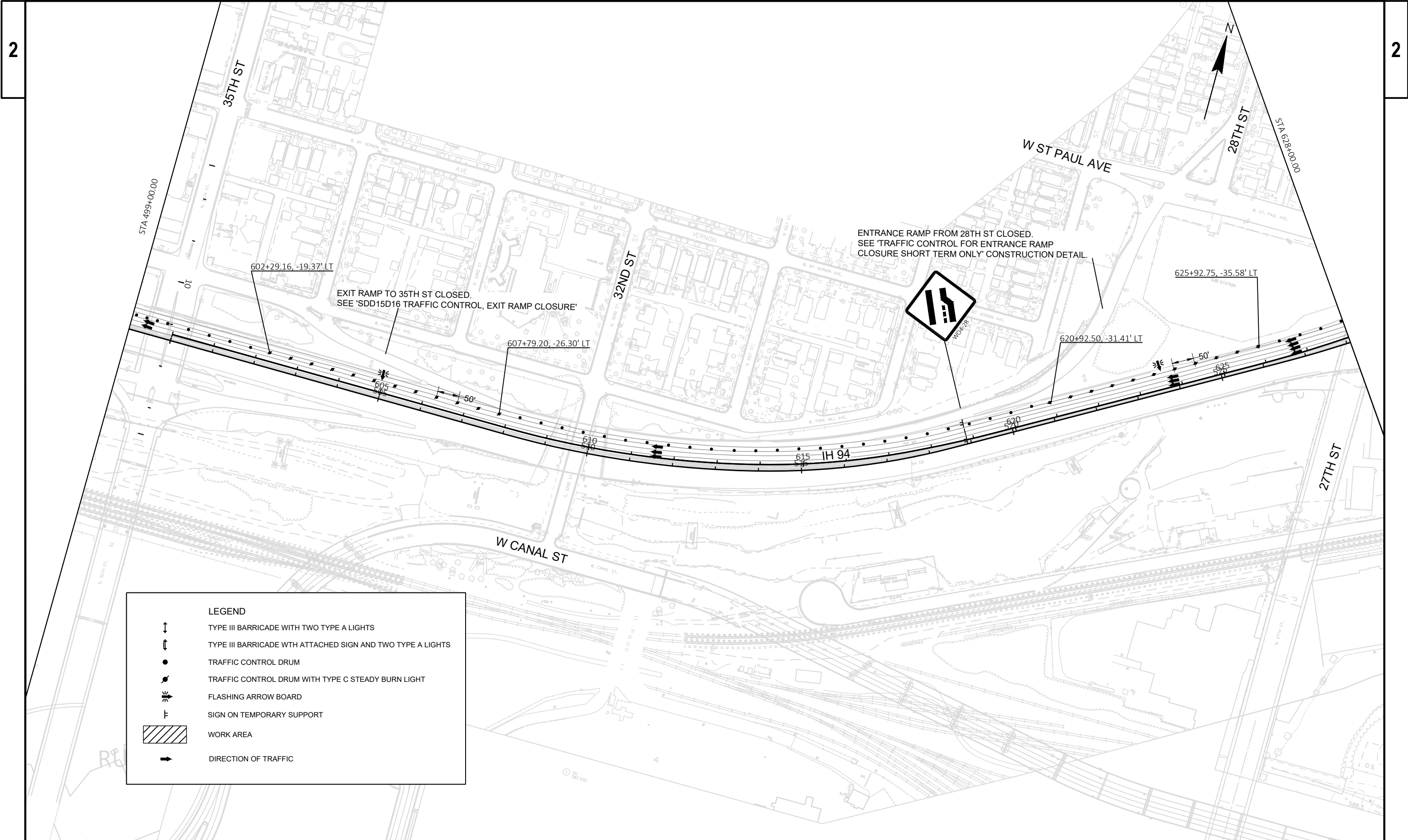
⚡

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F

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TYPE III BARRICADE WITH TWO TYPE A LIGHTS
TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
FLASHING ARROW BOARD
SIGN ON TEMPORARY SUPPORT
WORK AREA
DIRECTION OF TRAFFIC



LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

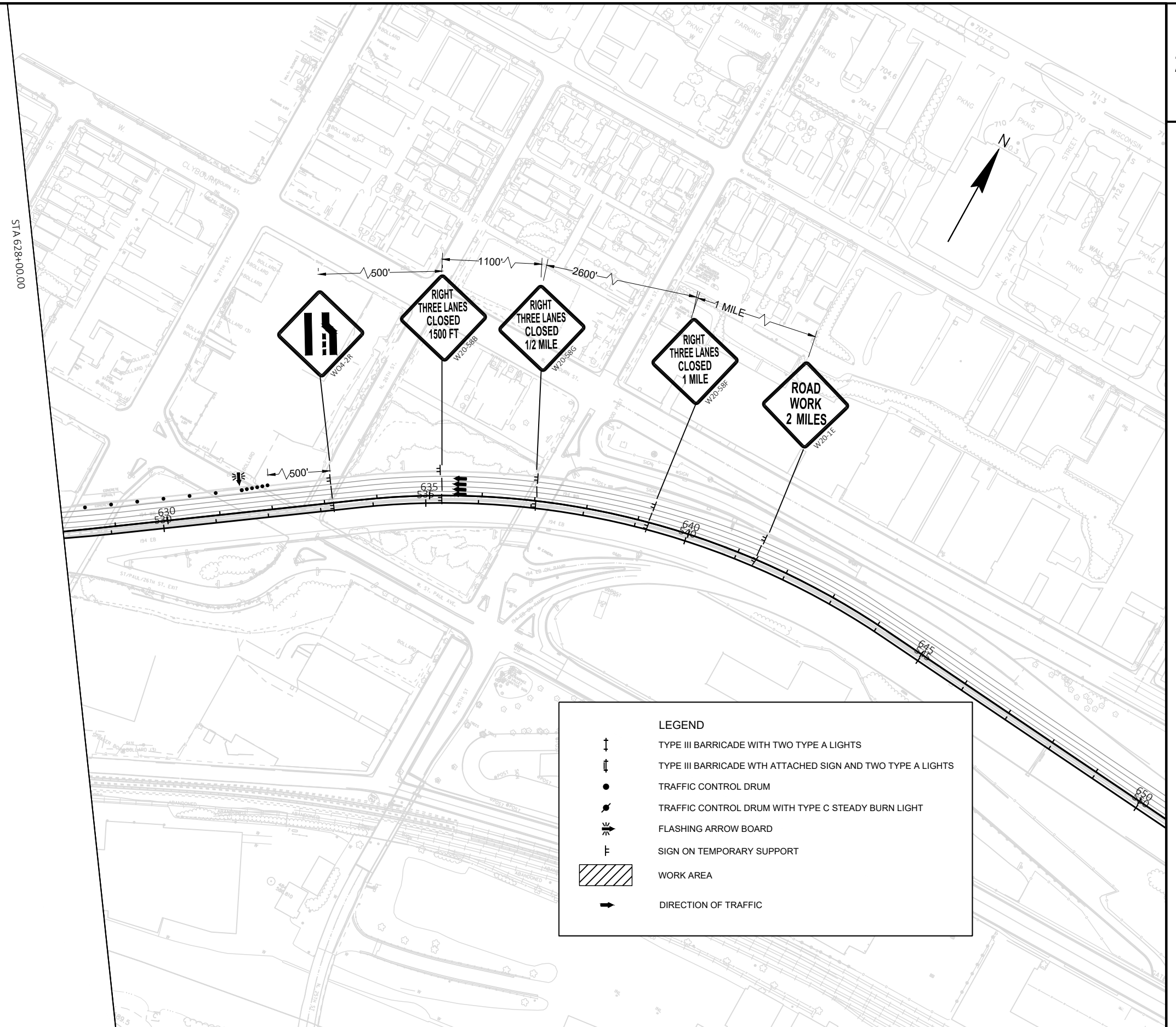
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

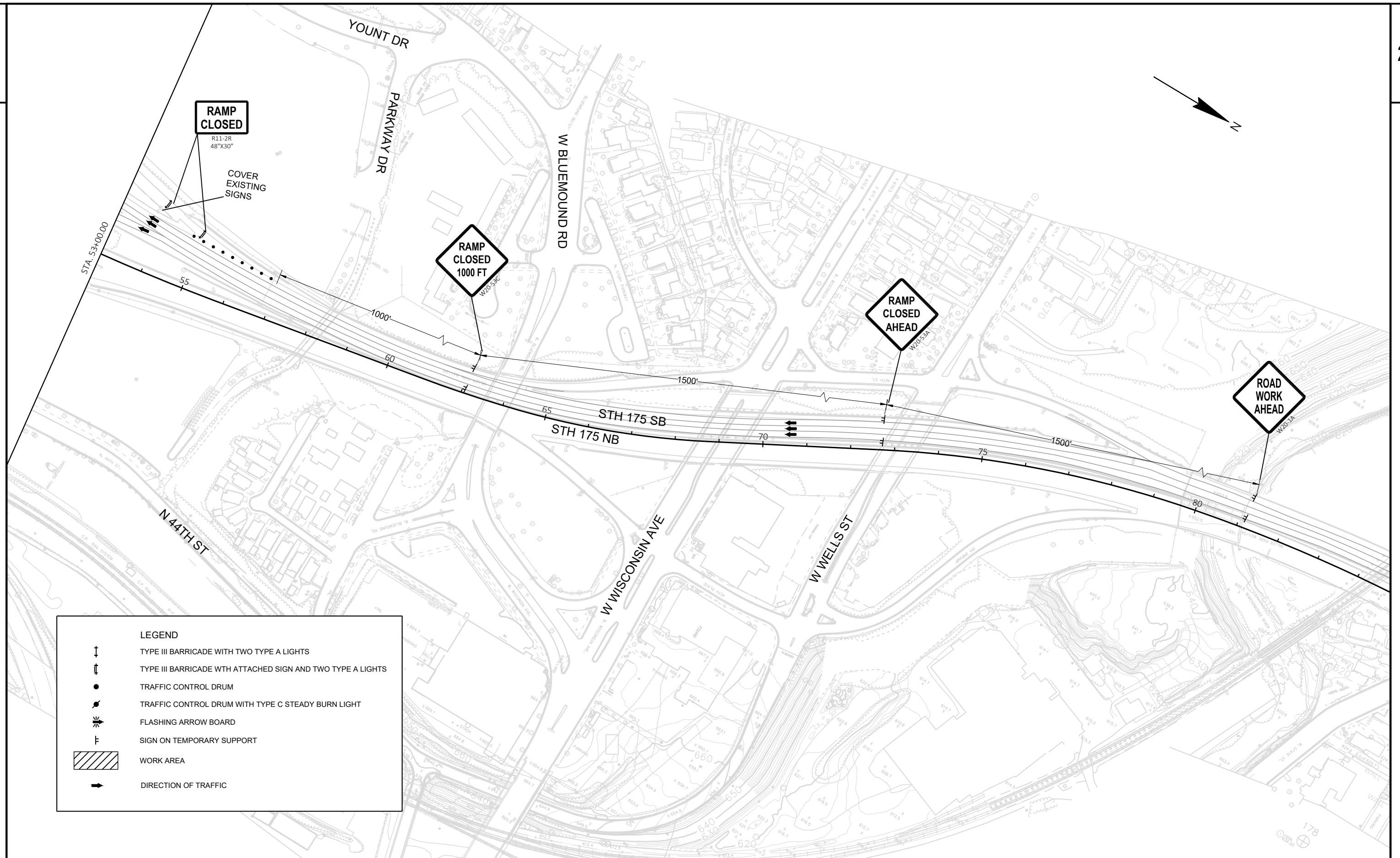
FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC





PROJECT NO: 1060-11-73

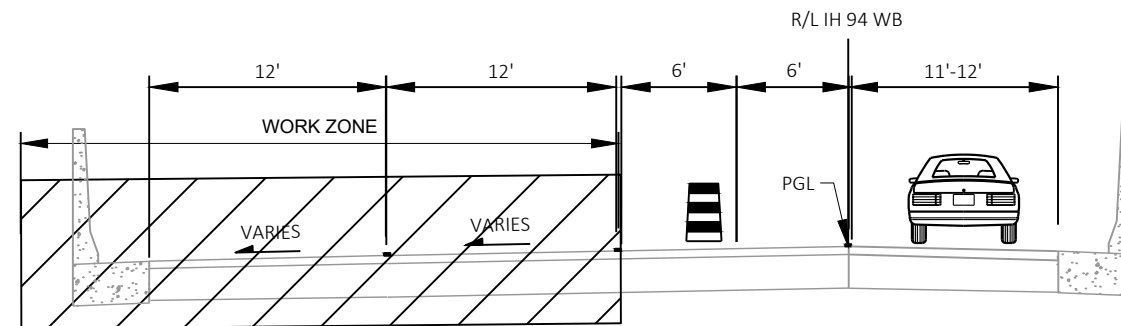
HWY: STH 175

COUNTY: MILWAUKEE

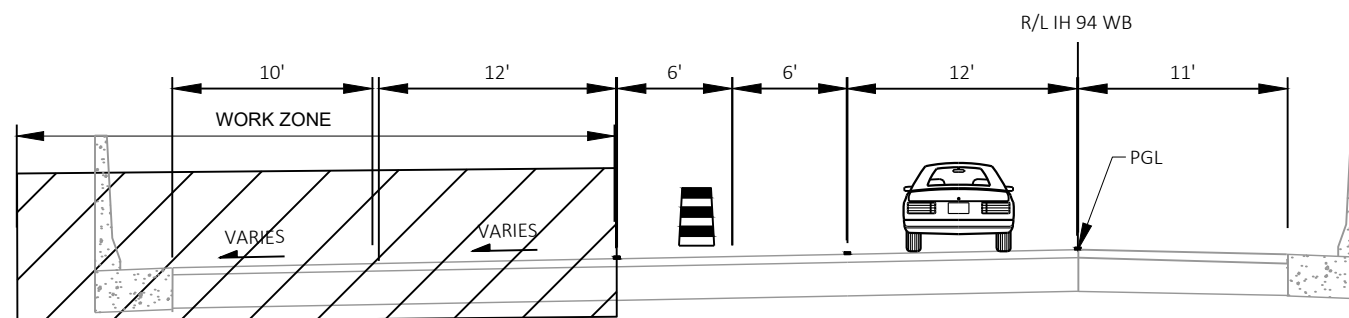
STAGE 1A - IH 94 WB OUTSIDE LANES

SHEET

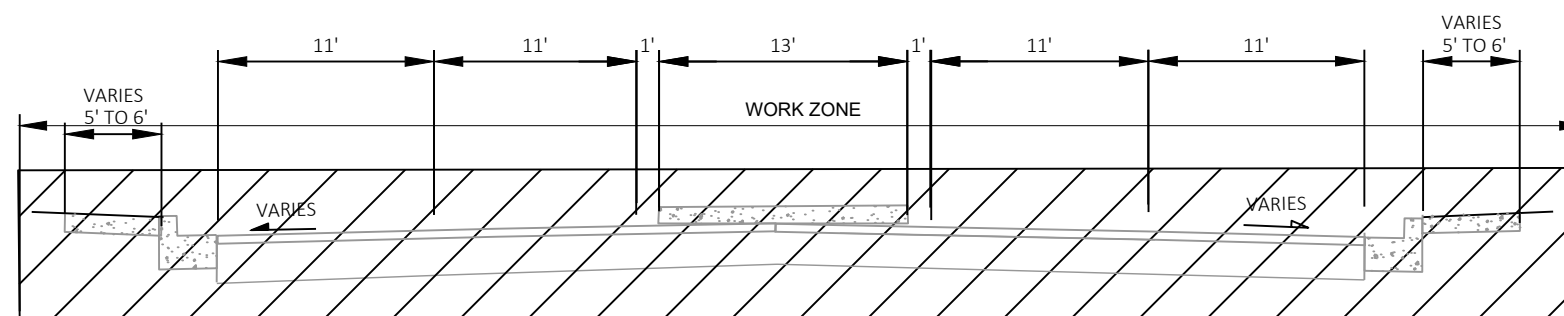
E



IH 94 WB OUTSIDE LANES
B-40-081 (HAWLEY RD)

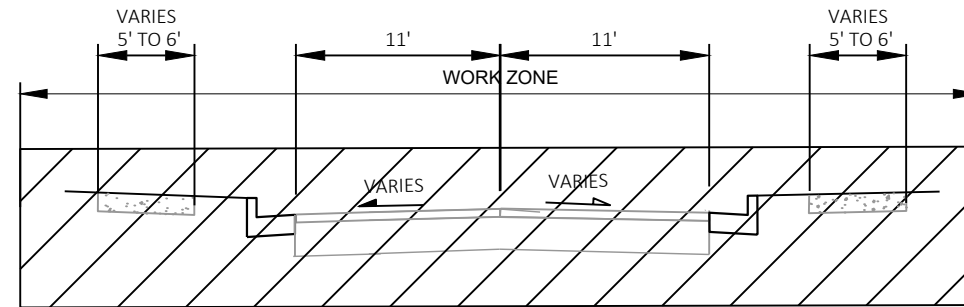


IH 94 WB OUTSIDE LANES
B-40-083 (64TH ST)
B-40-085 (68TH ST)
B-40-087 (70TH ST)

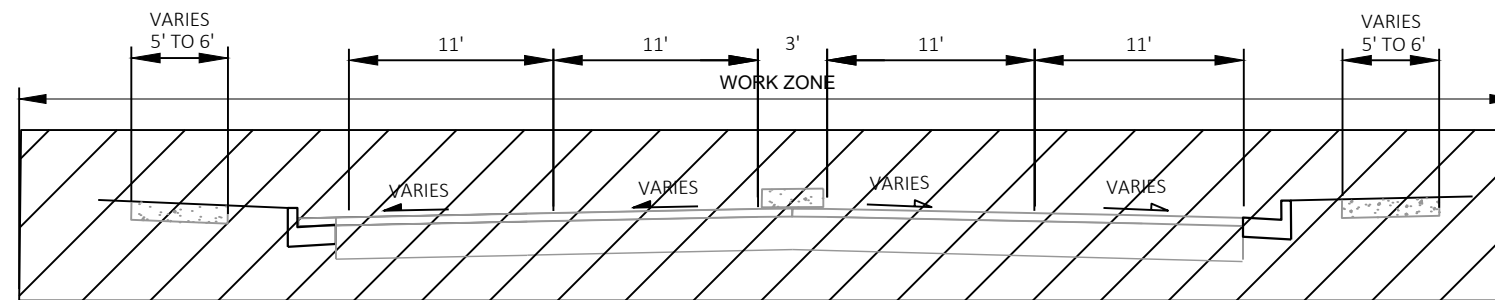


HAWLEY ROAD UNDER BRIDGE
B-40-081
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

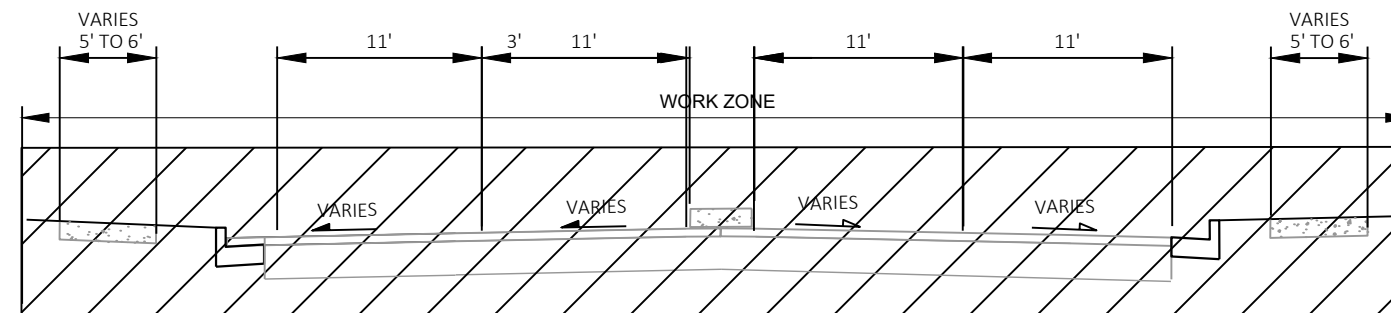
NOTE:
TYPICAL SECTIONS DO NOT REFLECT ALL DIFFERENCES IN
EXISTING CONDITIONS BEYOND EXISTING SHOULDERS.



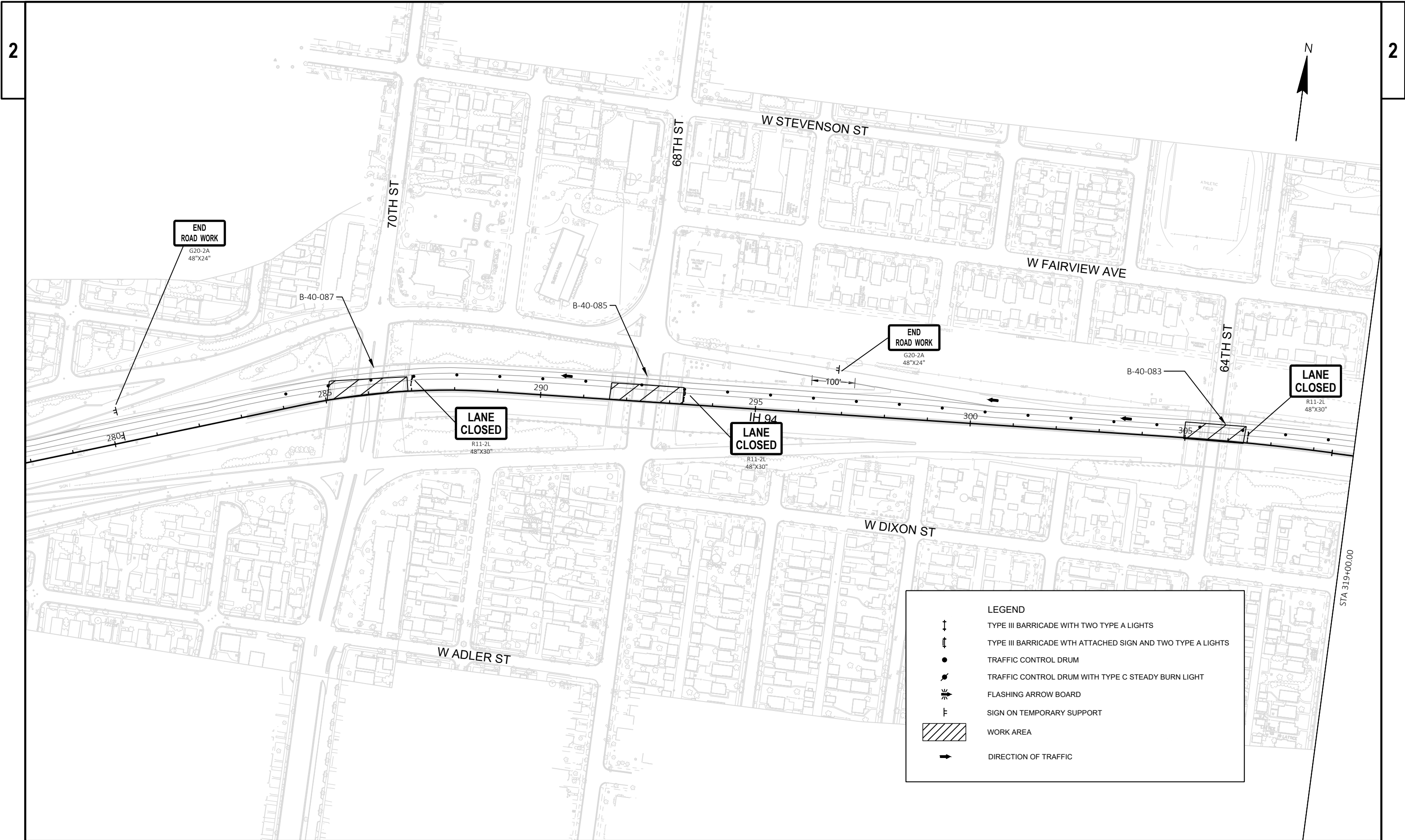
64TH ST UNDER BRIDGE
B-40-083
CONCRETE SURFACE REPAIRS
BEARING REHABILITATION
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

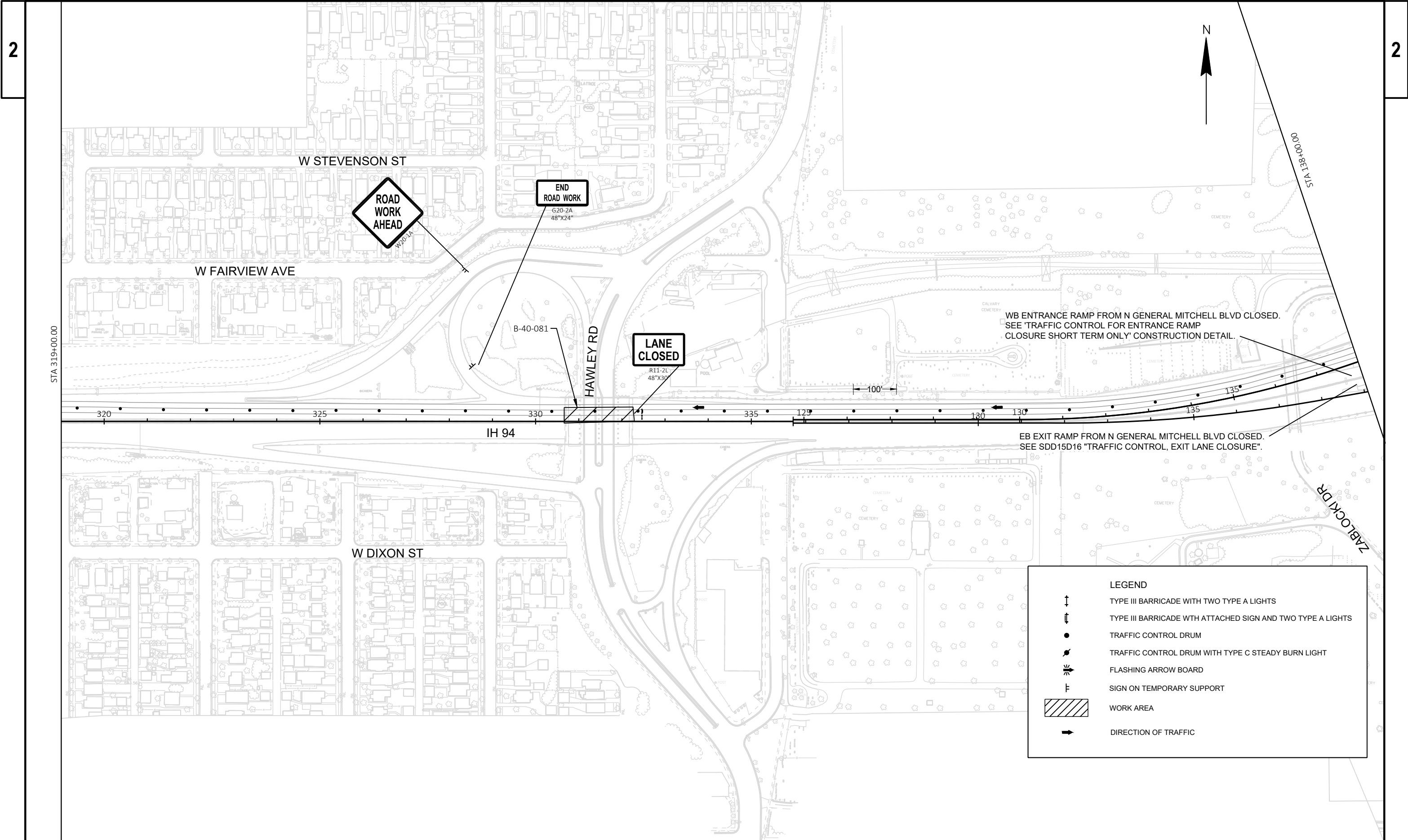


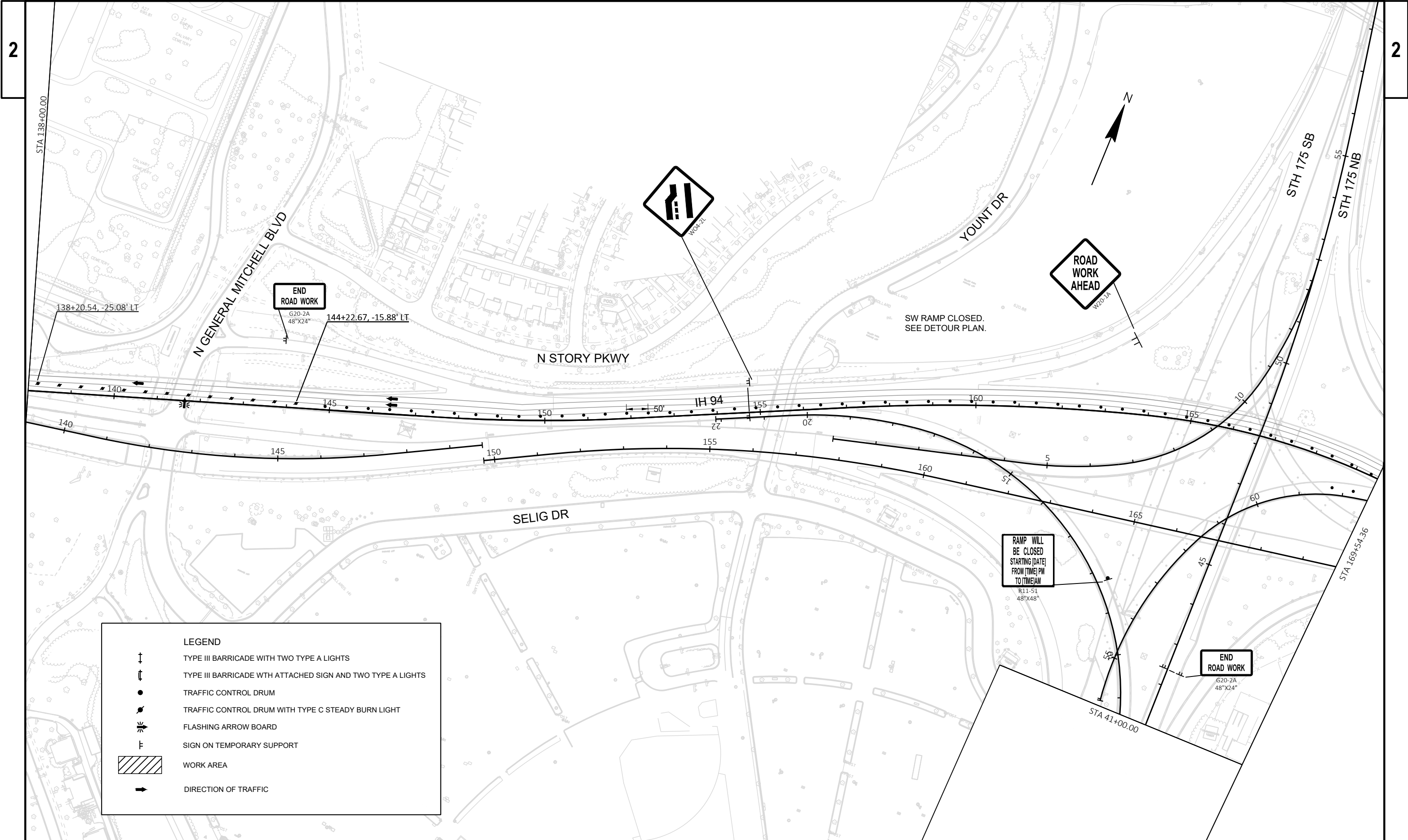
68TH ST UNDER BRIDGE
B-40-085
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

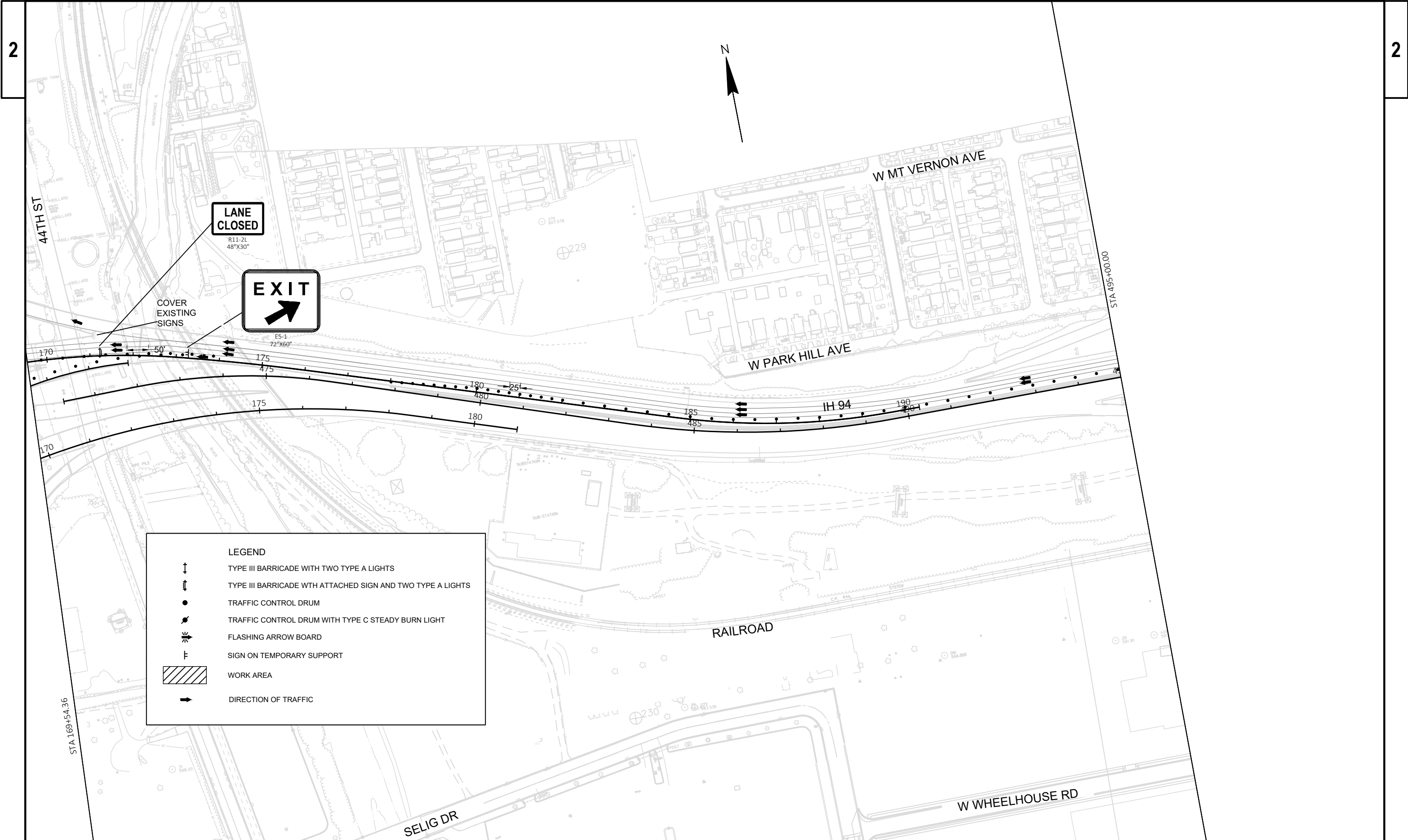


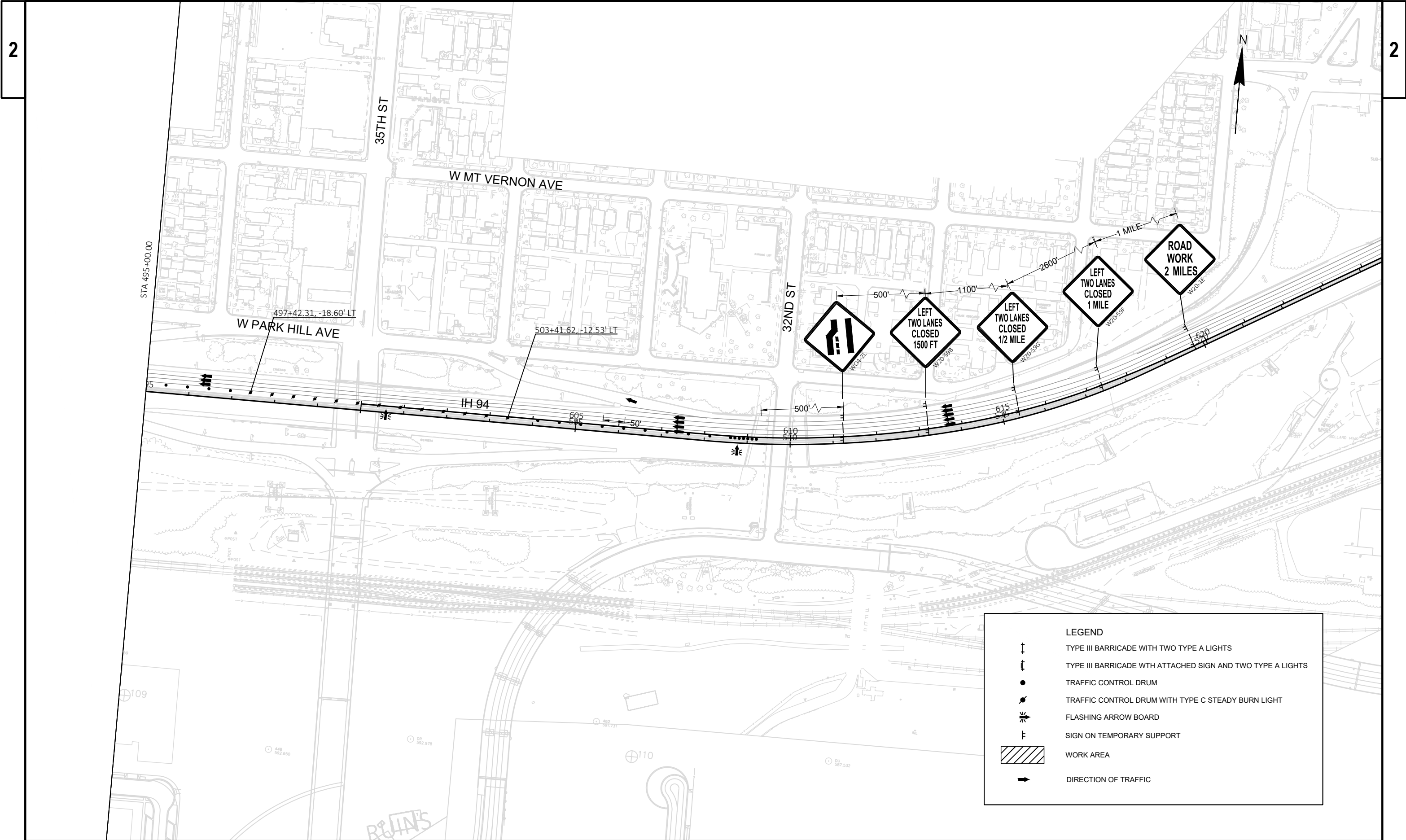
70TH ST UNDER BRIDGE
B-40-087
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

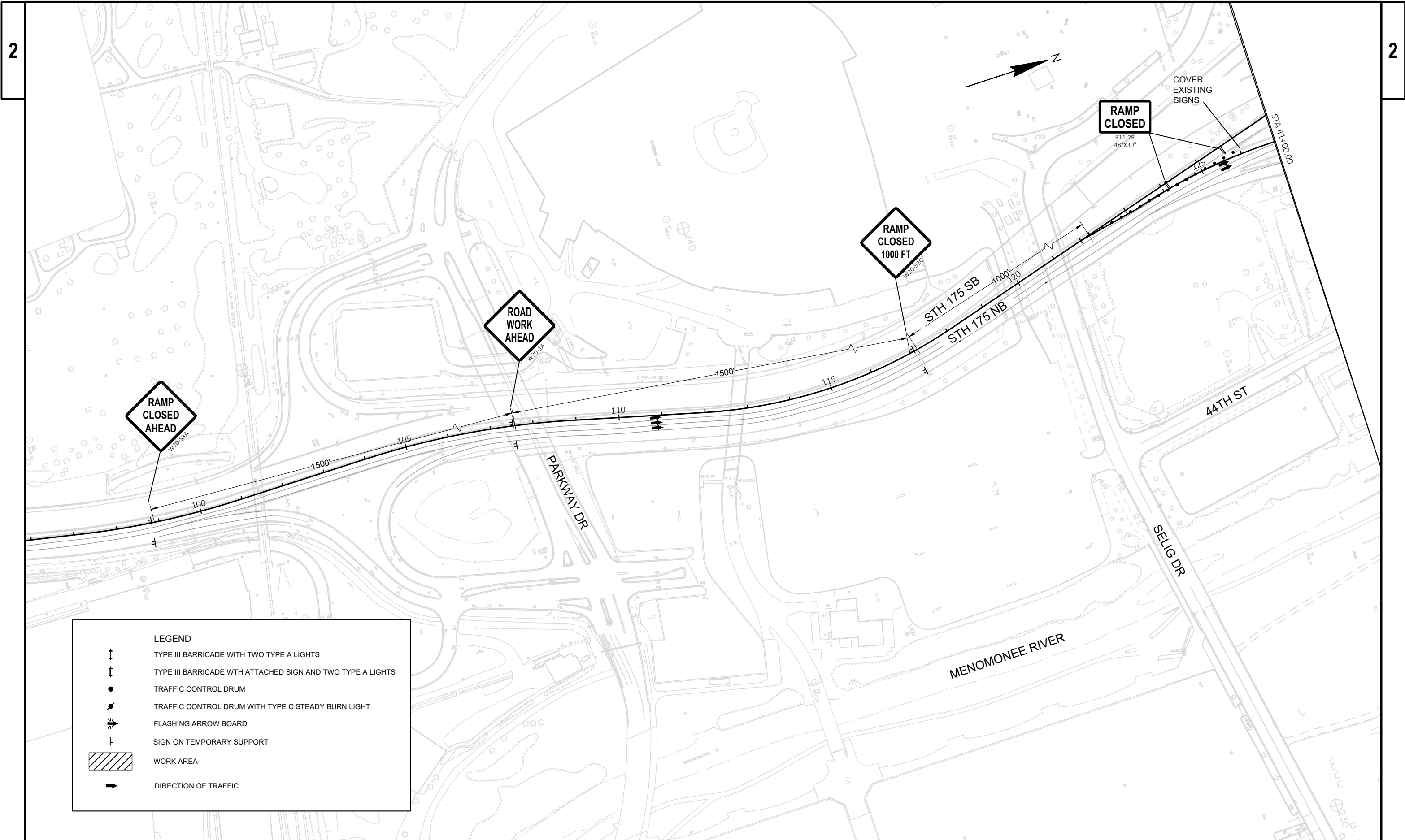


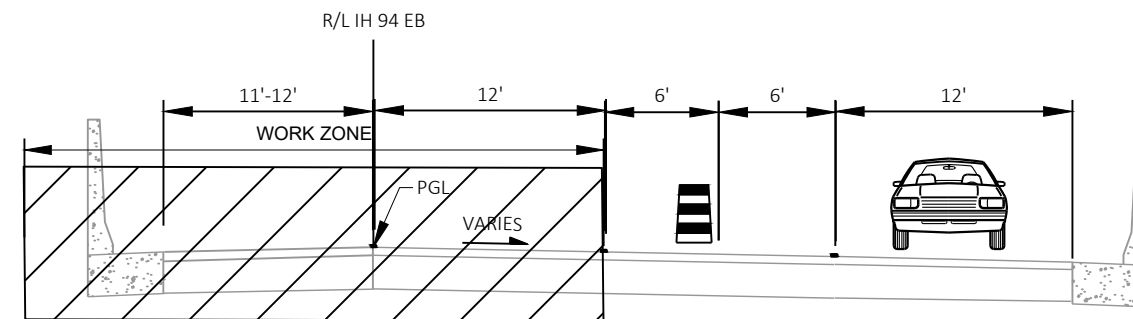




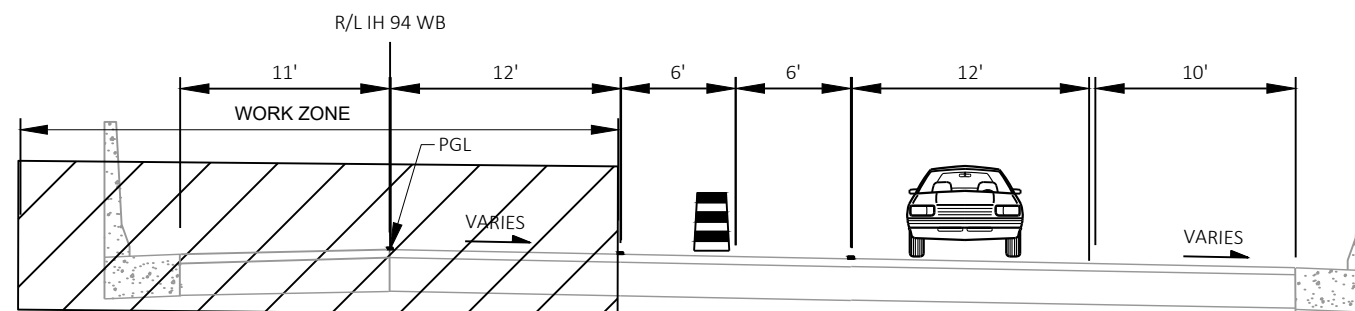




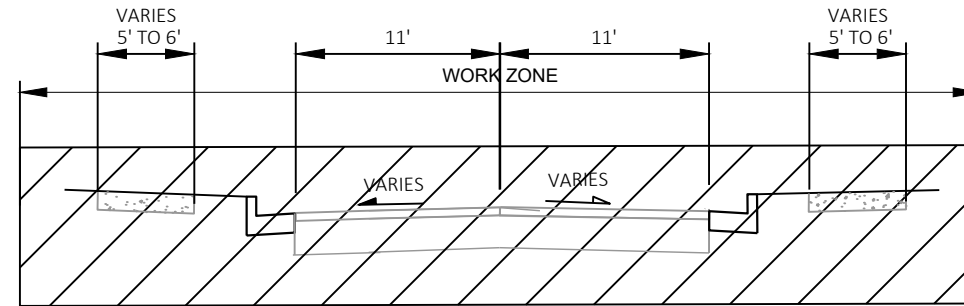




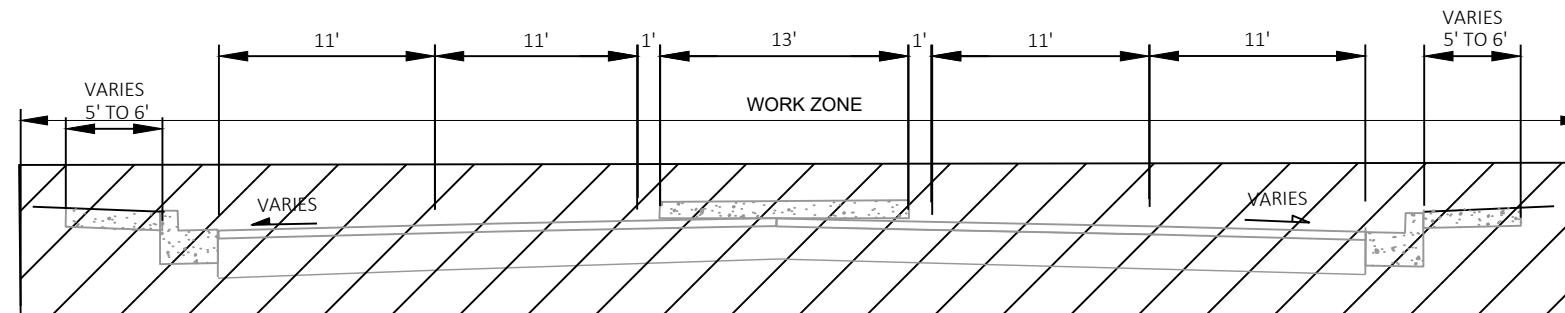
IH 94 EB OUTSIDE LANES
B-40-081 (HAWLEY RD)



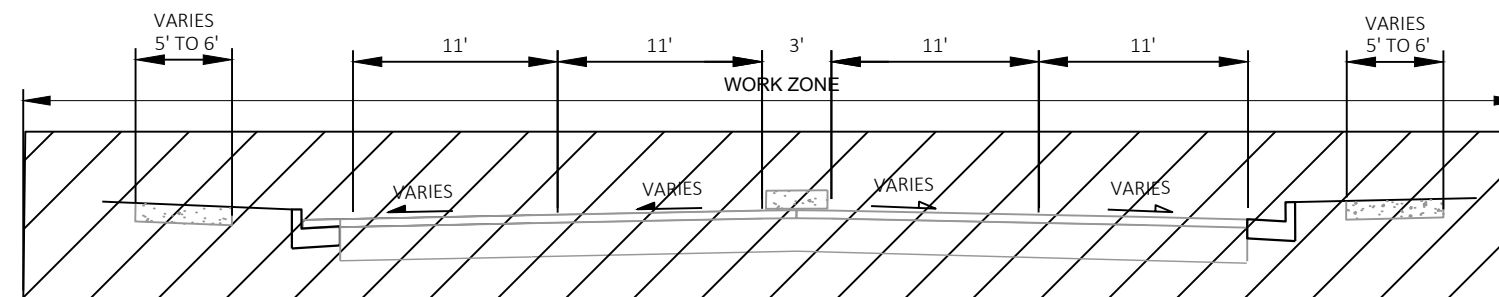
IH 94 WB OUTSIDE LANES
B-40-082 (64TH ST)
B-40-084 (68TH ST)



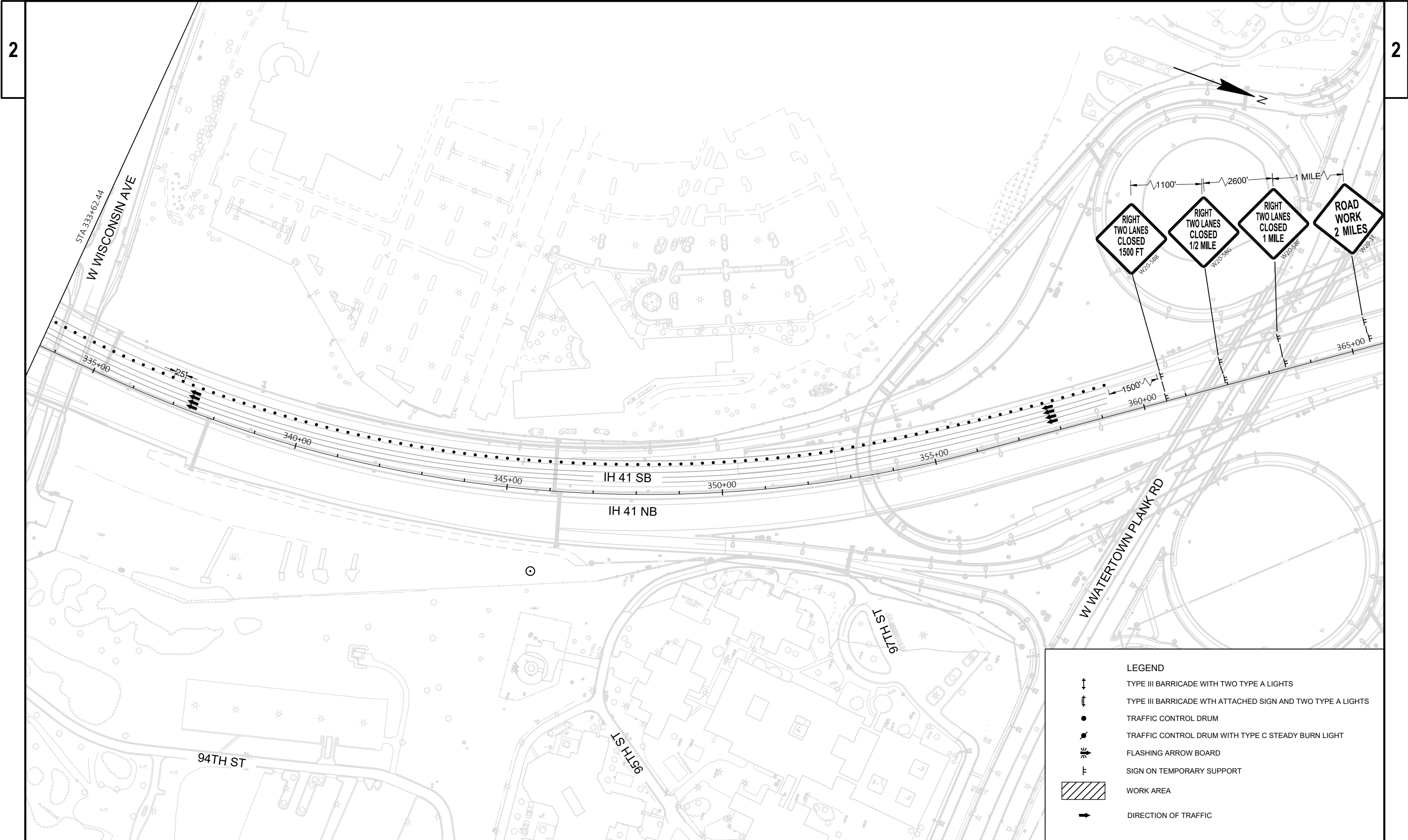
64TH ST UNDER BRIDGE
B-40-082
CONCRETE SURFACE REPAIRS
BEARING REHABILITATION
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

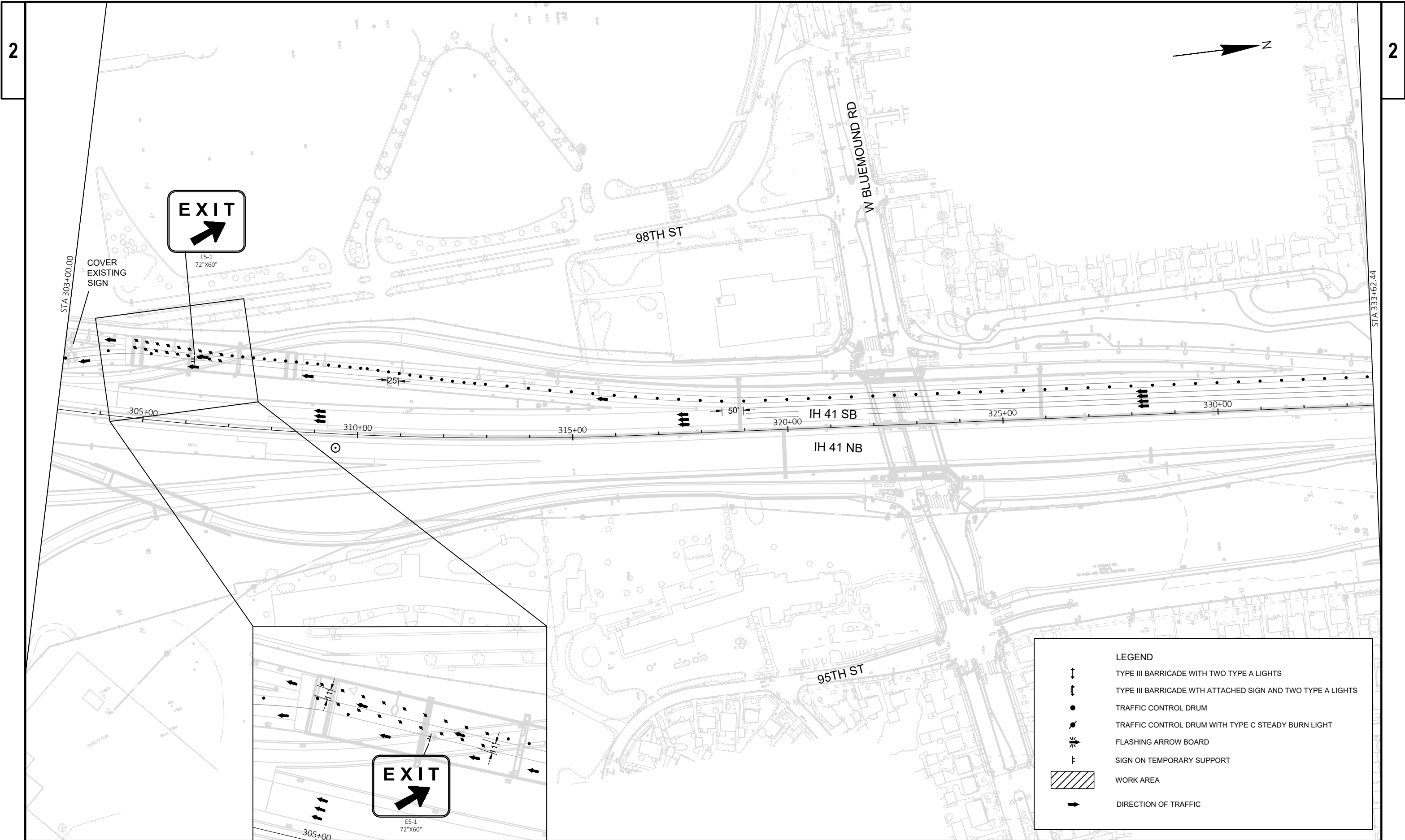


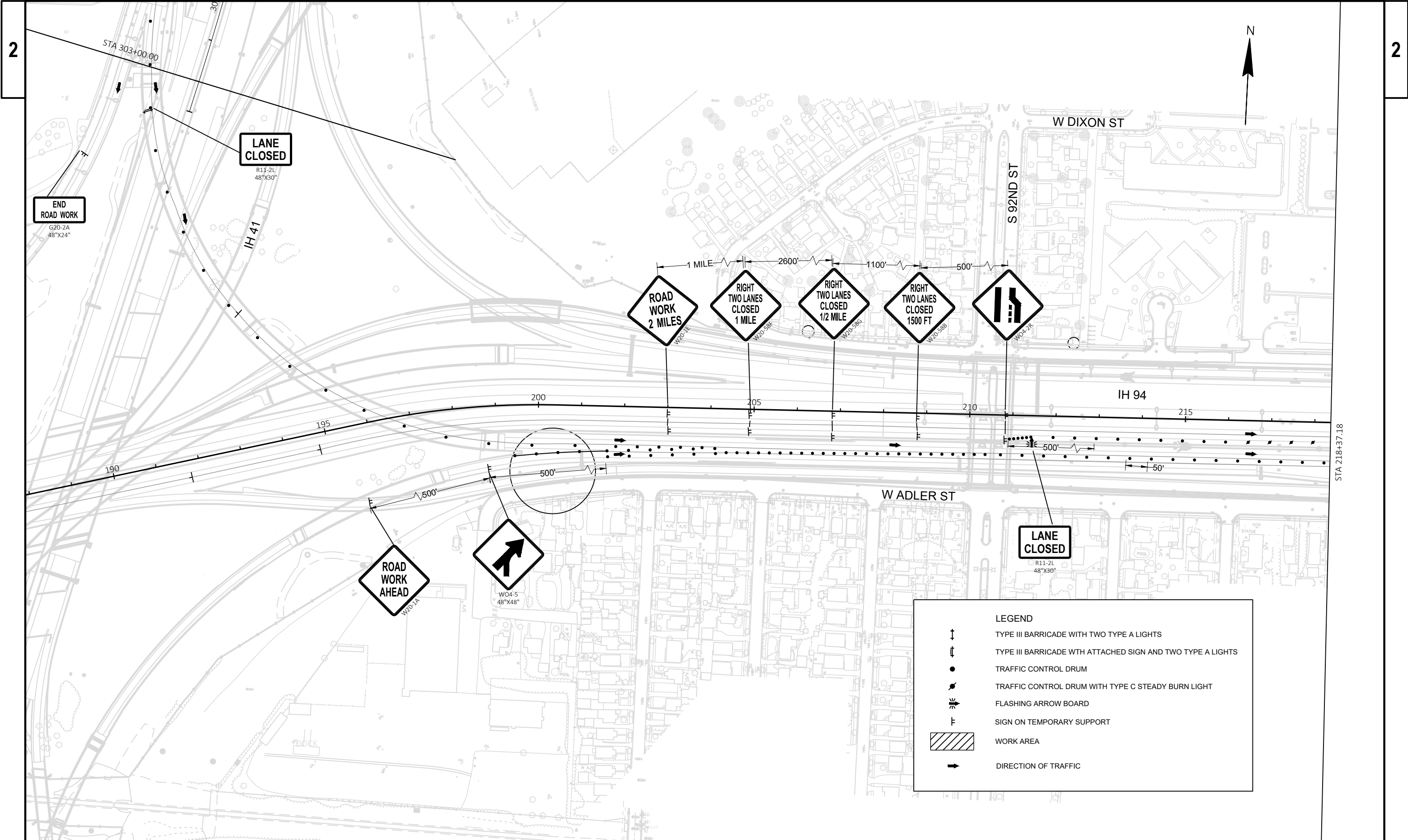
HAWLEY ROAD UNDER BRIDGE
B-40-081
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



68TH ST UNDER BRIDGE
B-40-084
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY







LEGEND

-  TYPE III BARRICADE WITH TWO TYPE A LIGHTS
-  TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
-  TRAFFIC CONTROL DRUM
-  TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
-  FLASHING ARROW BOARD
-  SIGN ON TEMPORARY SUPPORT
-  WORK AREA
-  DIRECTION OF TRAFFIC



EXIT RAMP TO STH 181 CLOSED.
SEE 'SDD15D16 TRAFFIC CONTROL, EXIT RAMP CLOSURE'

EB ENTRANCE RAMP FROM STH 181 CLOSED.
SEE 'TRAFFIC CONTROL FOR ENTRANCE RAMP
CLOSURE SHORT TERM ONLY' CONSTRUCTION DETAIL.

PROJECT NO: 1060-11-73

HWY: IH 94

COUNTY: MILWAUKEE

STAGE 1C - IH 94 EB OUTSIDE LANES

SHEET

E

FILE NAME : N:\PDS\C3D\10601103\SHEETPLAN\TC\025101_TC_WEST_SECTION_EB_OUT_CROSSOVER_IP.DWG
LAYOUT NAME : 026024_s1

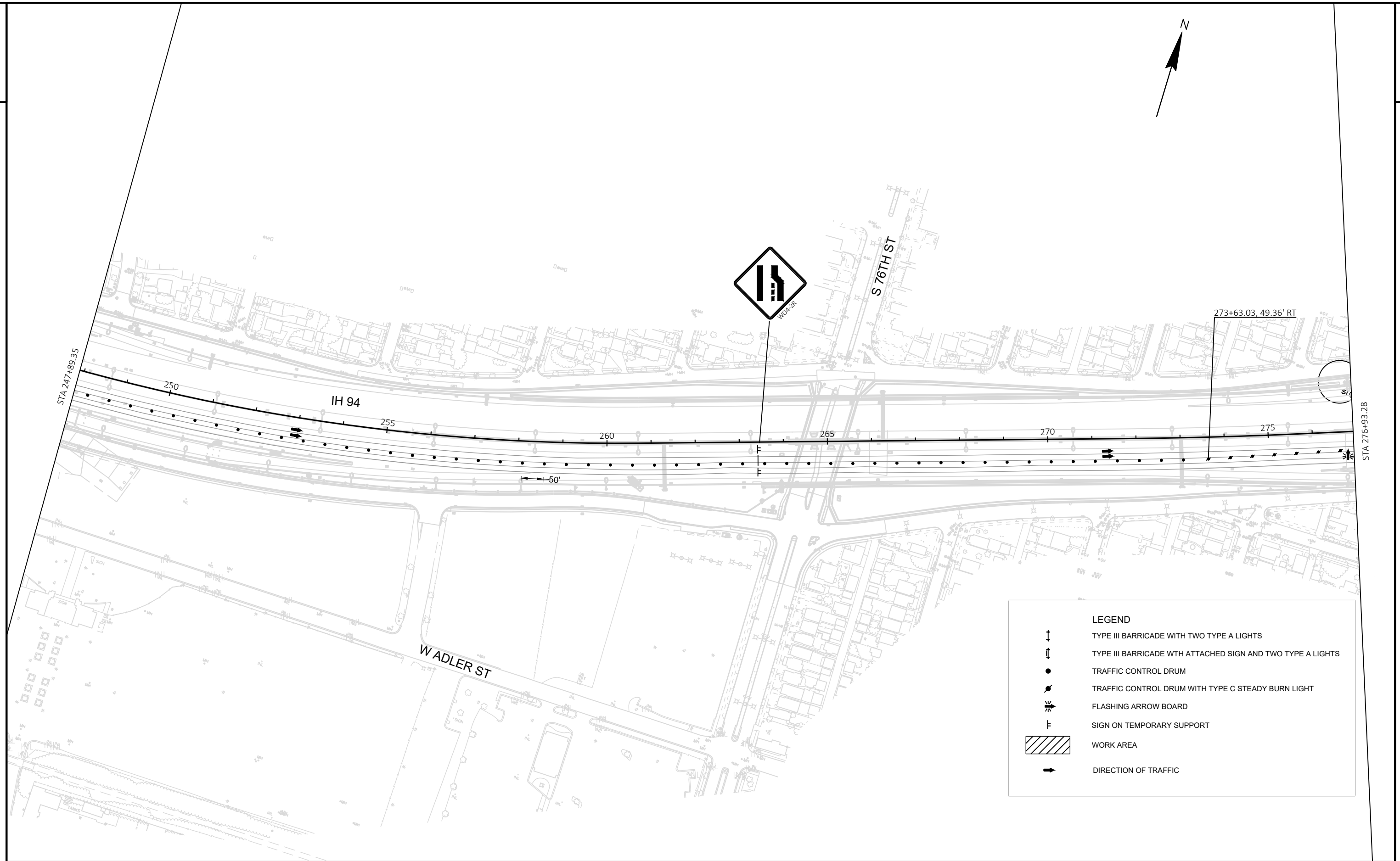
PLOT DATE : 11/7/2019 11:28 AM

PLOT BY : MERLINE, HILARY ANN

PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 42



PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 1C - IH 94 EB OUTSIDE LANES	SHEET	E
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LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WTH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

PROJECT NO: 1060-11-73

HWY: IH 94

COUNTY: MILWAUKEE

STAGE 1C - IH 94 EB OUTSIDE LANES

SHEET

E

FILE NAME : N:\PDS\C3D\10601103\SHEETSPLAN\TC\025101_TC_WEST_SECTION_EB_OUT_CROSSOVER_IP.DWG
LAYOUT NAME - 026026_s1

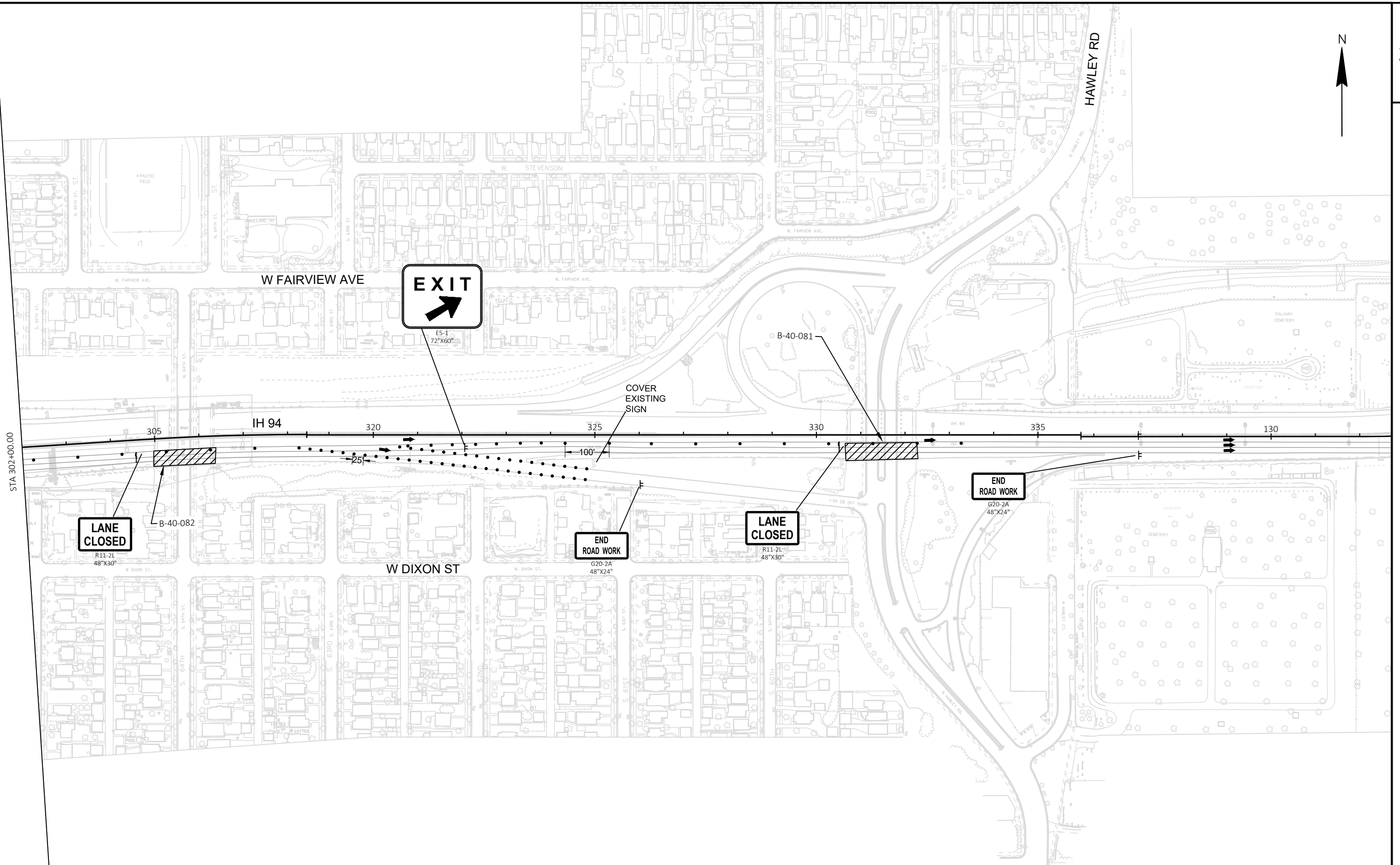
PLOT DATE : 11/7/2019 11:31 AM

PLOT BY : MERLINE, HILARY ANN

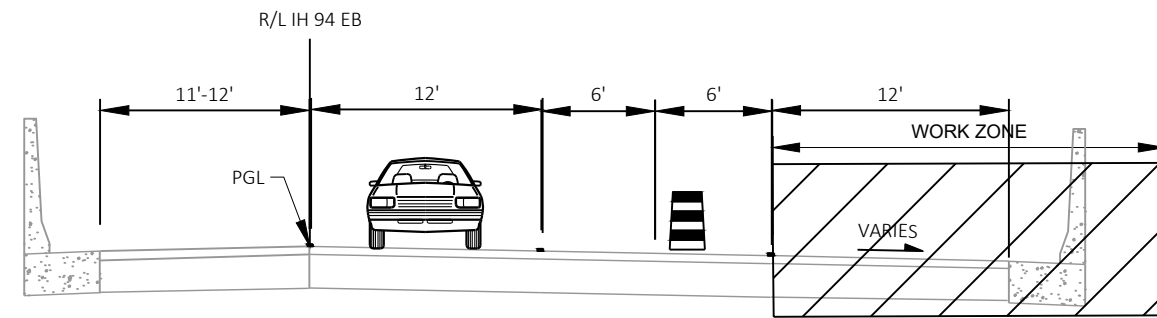
PLOT NAME :

PLOT SCALE : 1 IN:200 FT

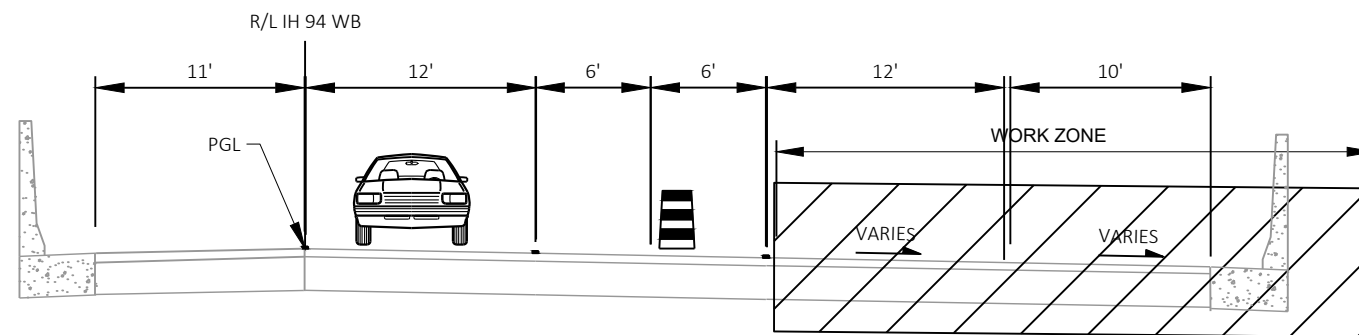
WISDOT/CADDs SHEET 42



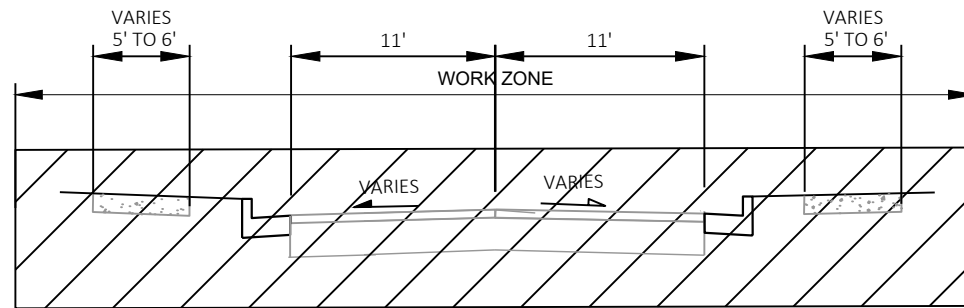
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 1C - IH 94 EB OUTSIDE LANES	SHEET	E
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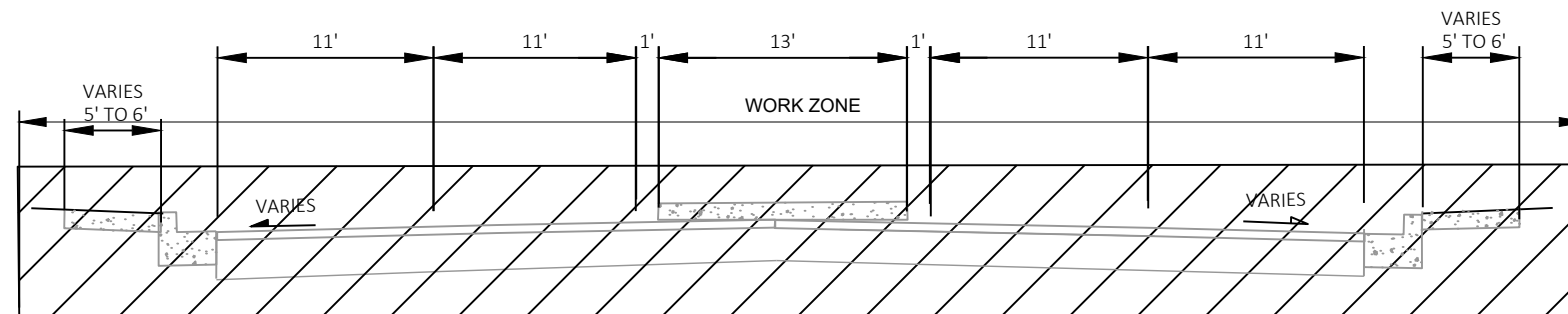
IH 94 EB OUTSIDE LANES
B-40-081 (HAWLEY RD)



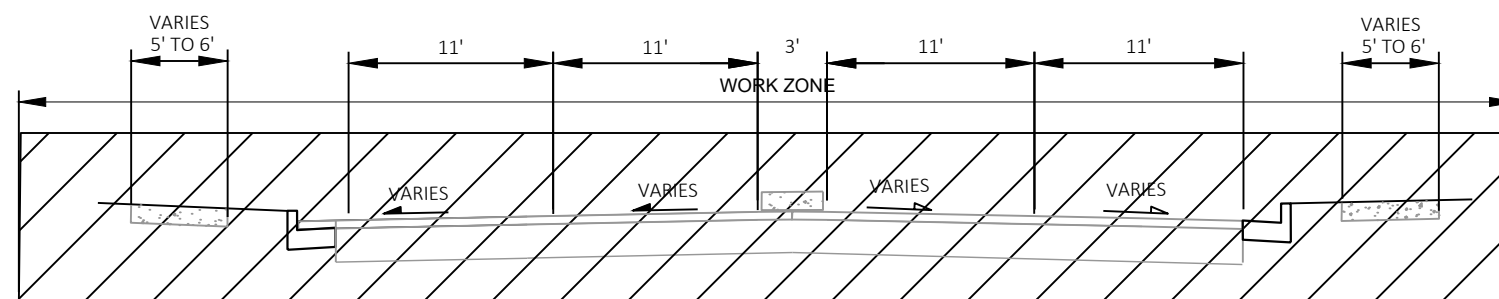
IH 94 WB OUTSIDE LANES
B-40-082 (64TH ST)
B-40-084 (68TH ST)



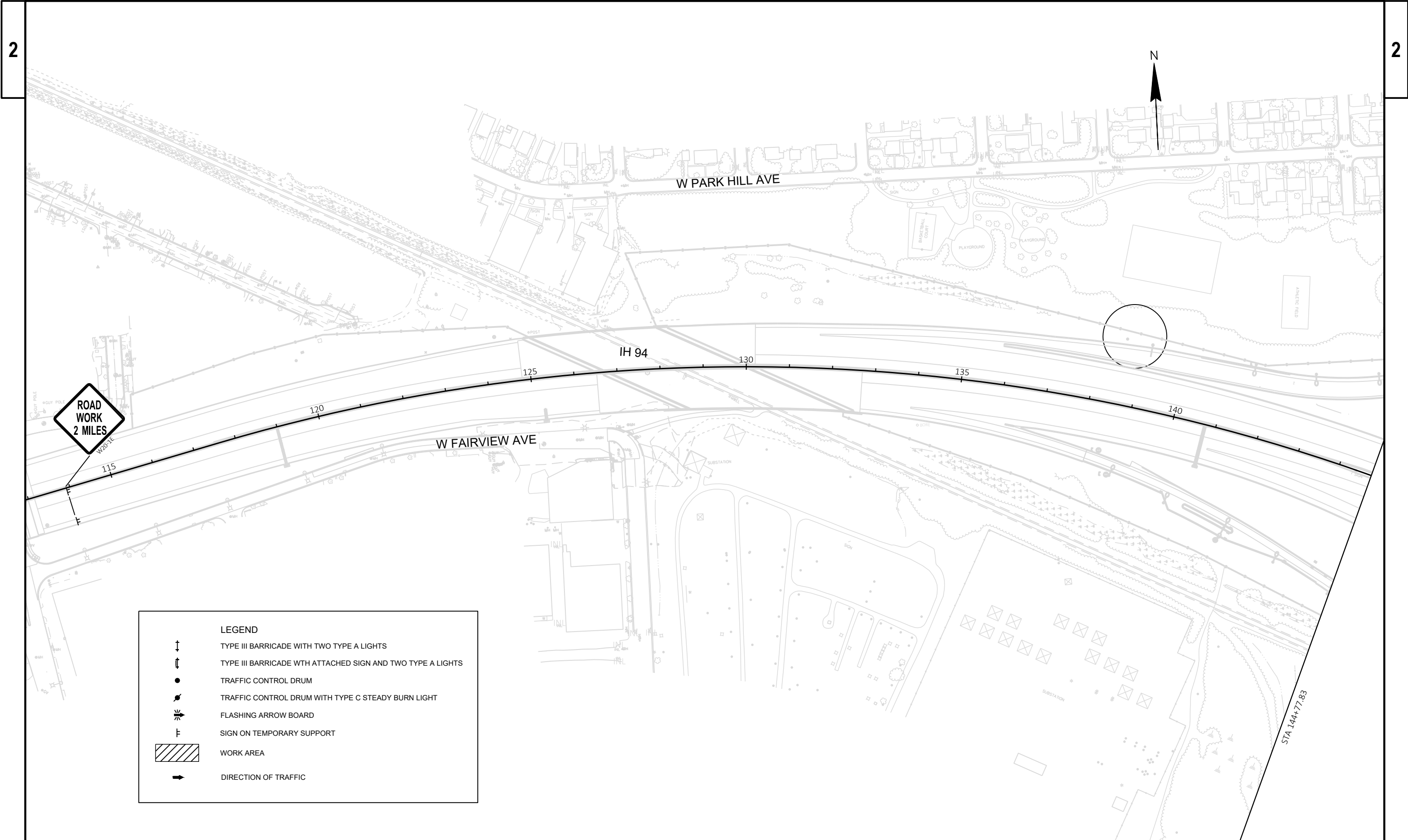
64TH ST UNDER BRIDGE
B-40-082
CONCRETE SURFACE REPAIRS
BEARING REHABILITATION
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



HAWLEY ROAD UNDER BRIDGE
B-40-081
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



68TH ST UNDER BRIDGE
B-40-084
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



ROAD
WORK
2 MILES

LEGEND

Type III BARRICADE WITH TWO TYPE A LIGHTS

Type III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

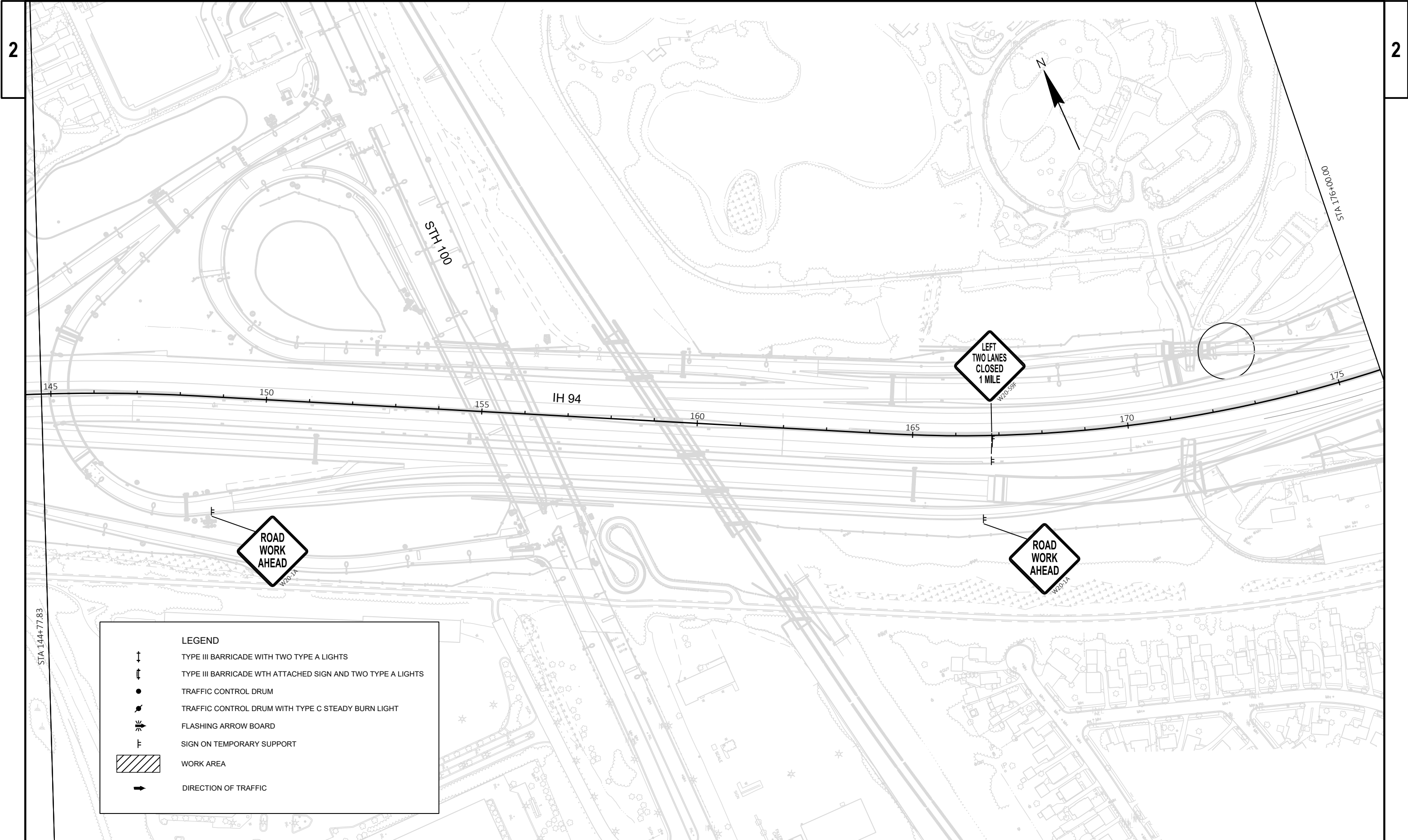
FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

STA 144+77.83



2

2

LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WTH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

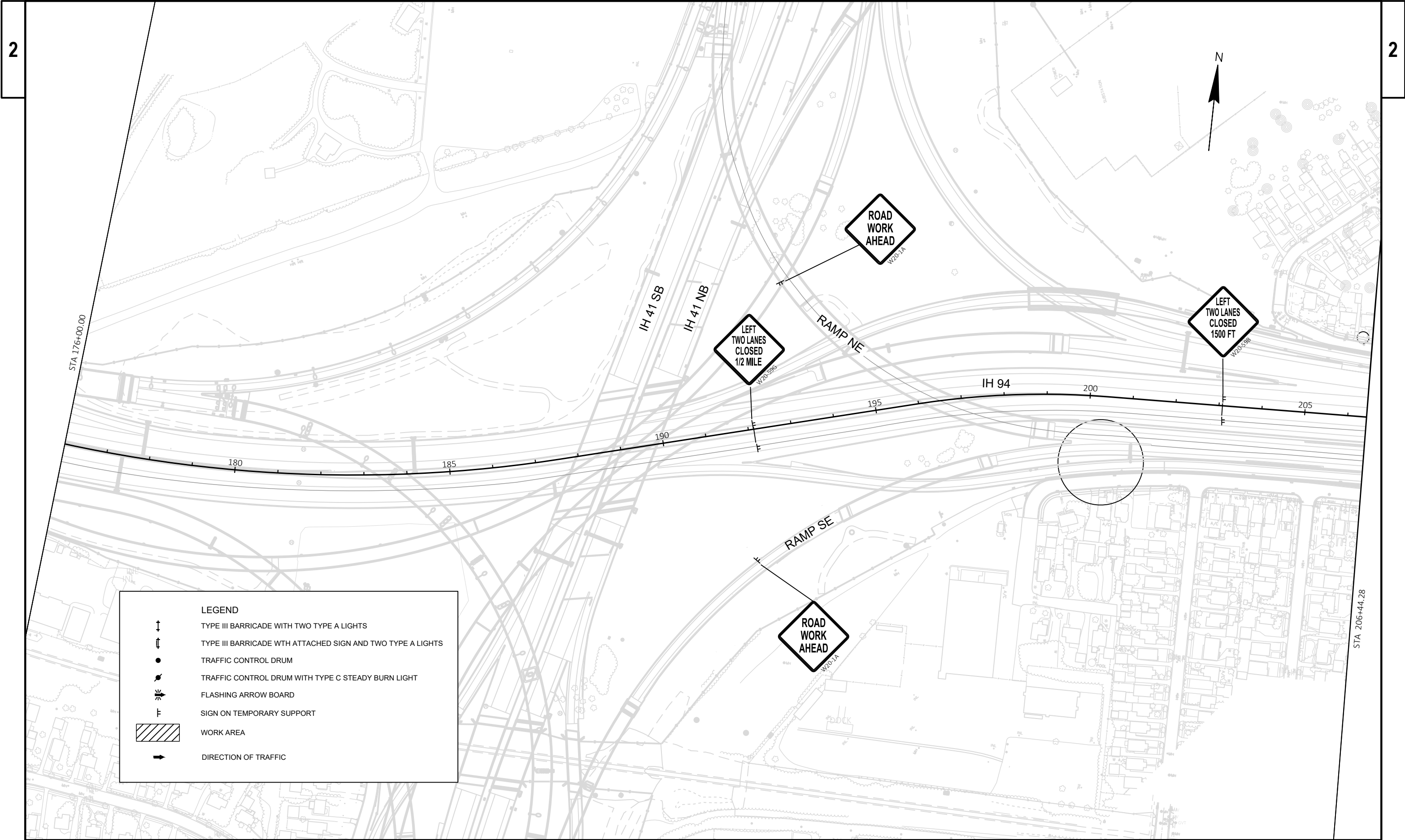
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

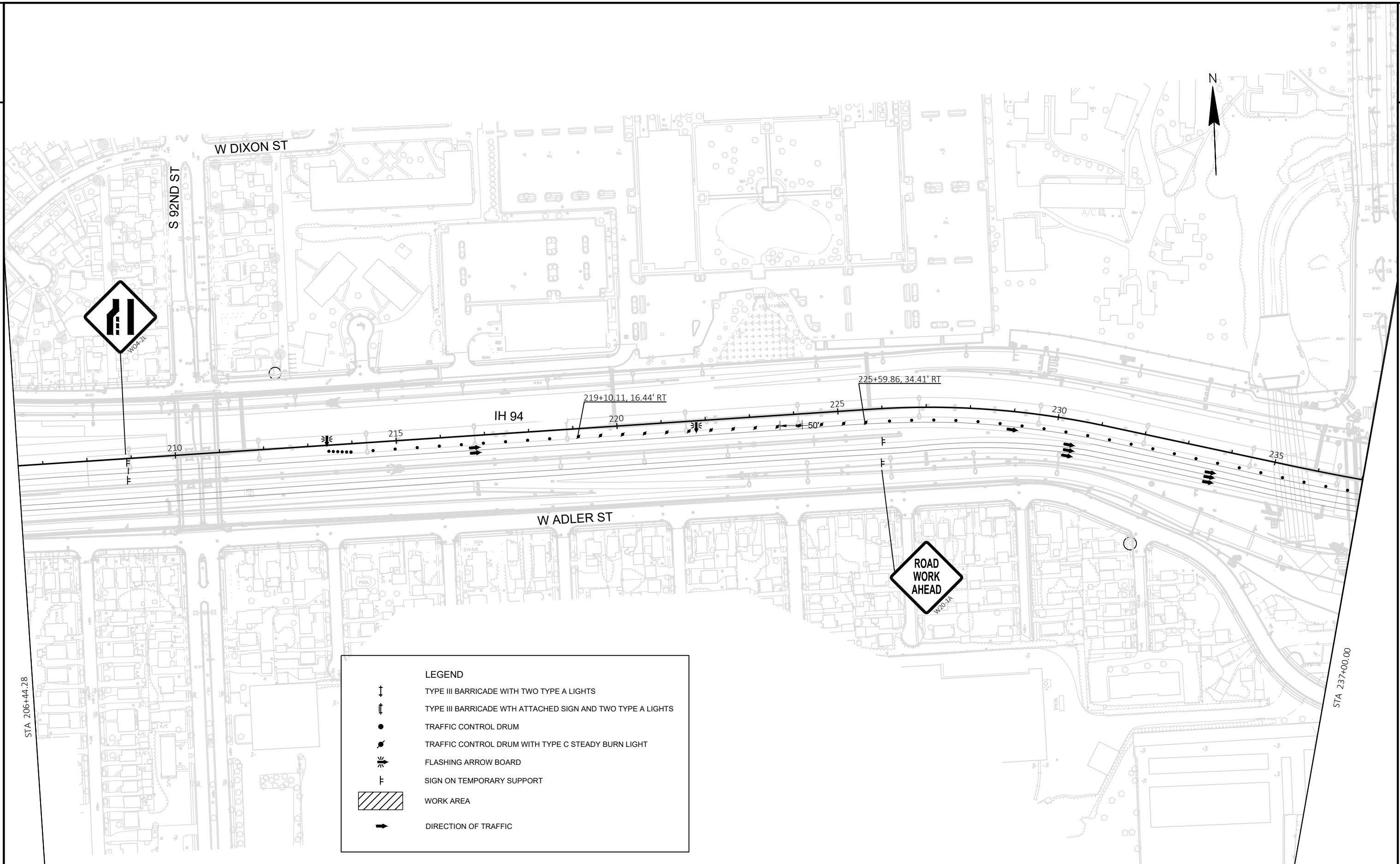
FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

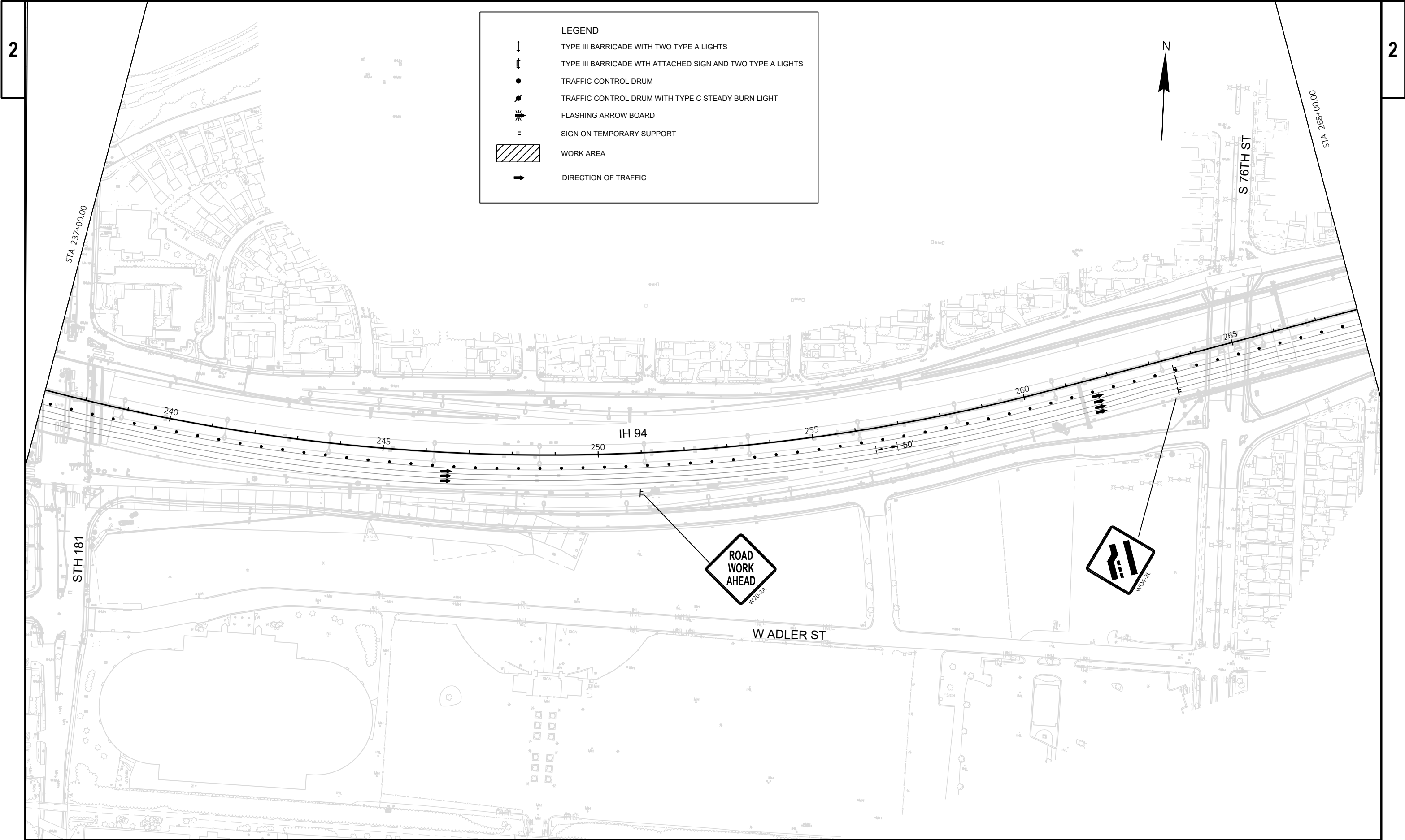
WORK AREA

DIRECTION OF TRAFFIC

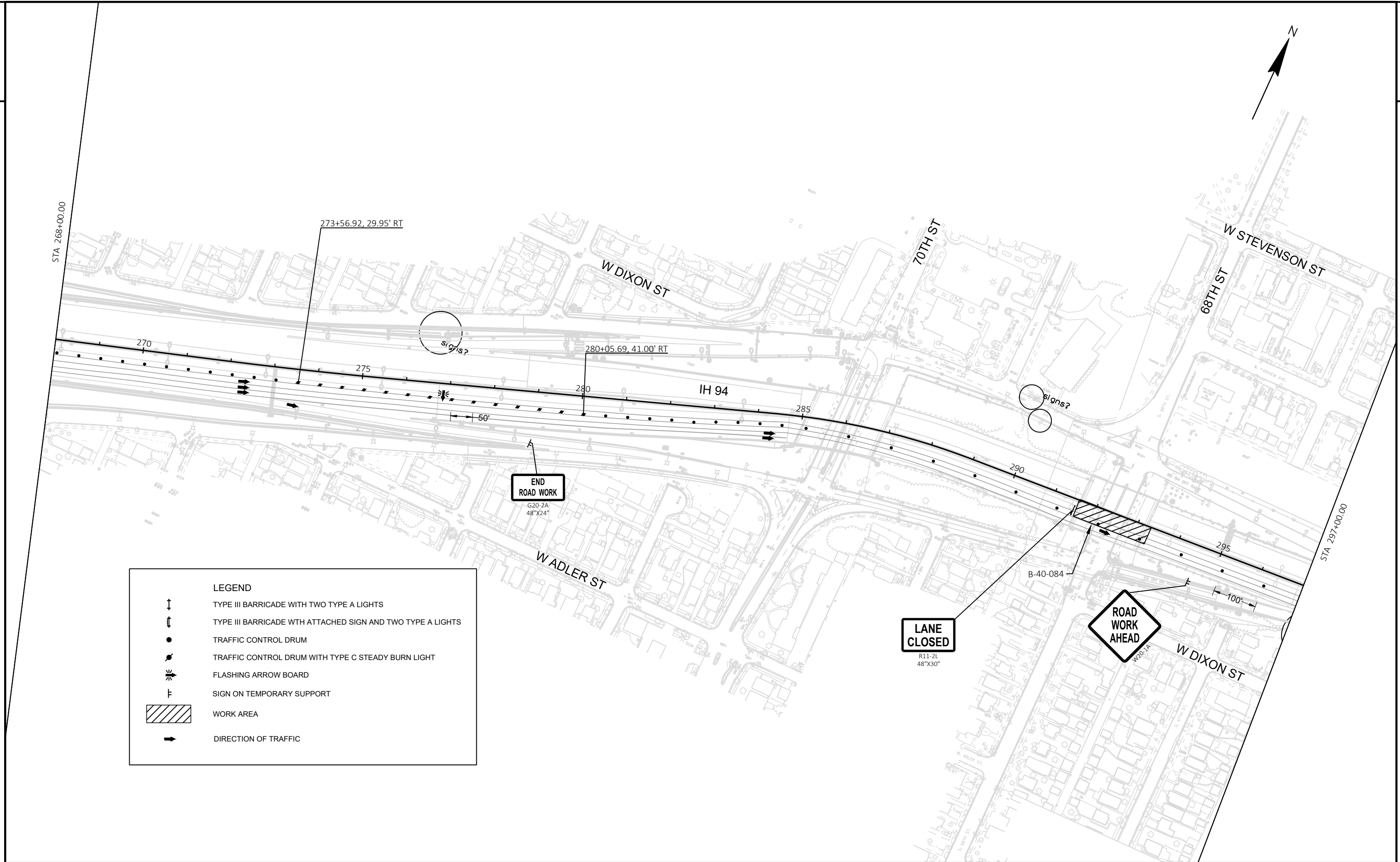




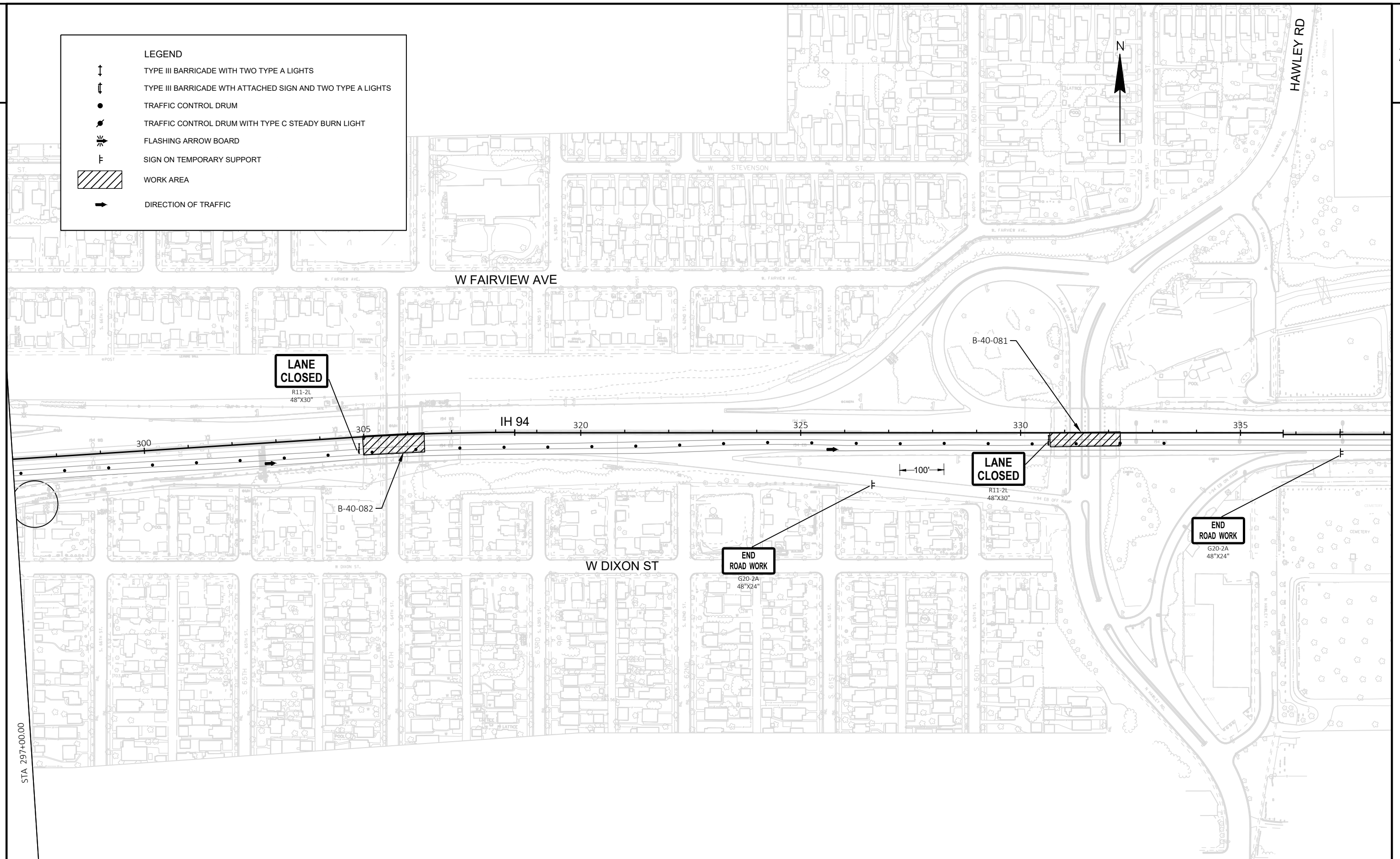
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 1D - IH 94 EB INSIDE LANES	SHEET	E
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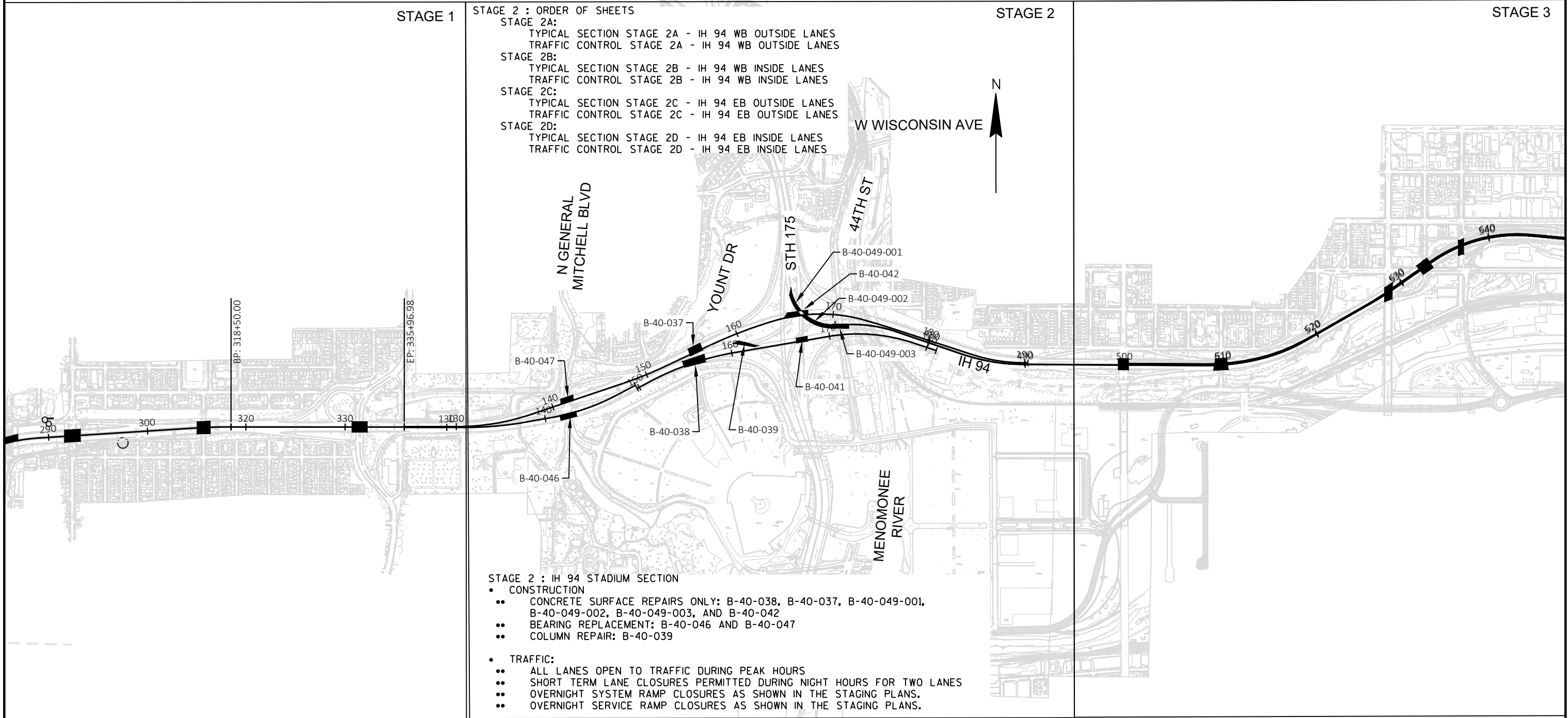


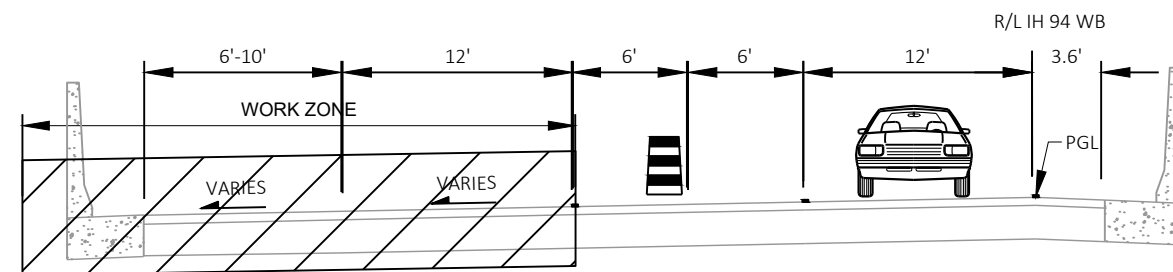
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 1D - IH 94 EB INSIDE LANES	SHEET	E
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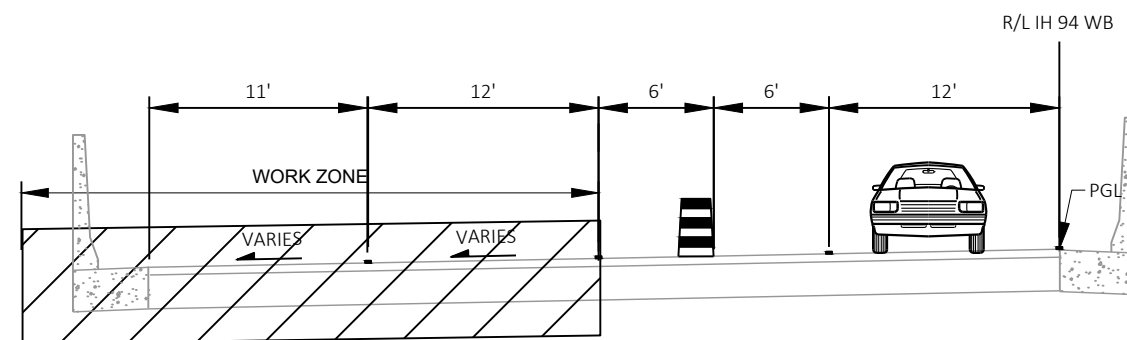
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 1D - IH 94 EB INSIDE LANES	SHEET	E
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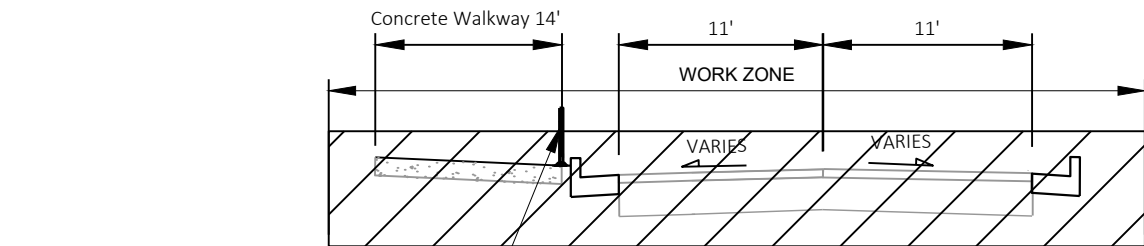




IH 94 WB OUTSIDE LANES
 B-40-037 (YOUNT DR)
 B-40-042 (STH 175)
 B-40-049-001 (SE RAMP)

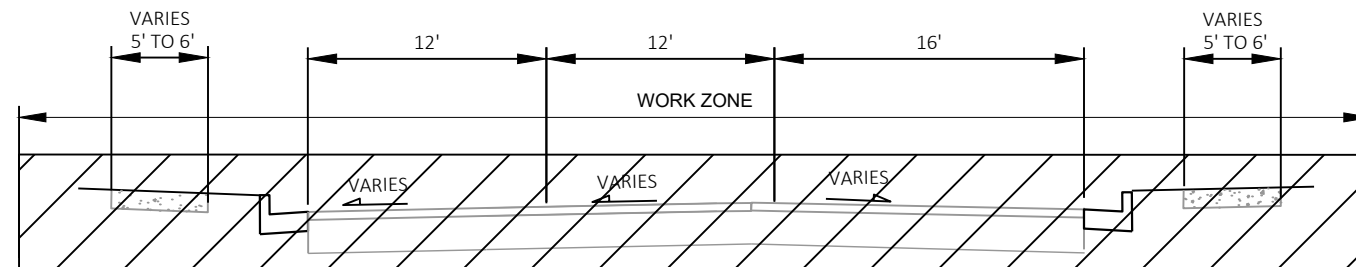


IH 94 WB OUTSIDE LANES
 B-40-047

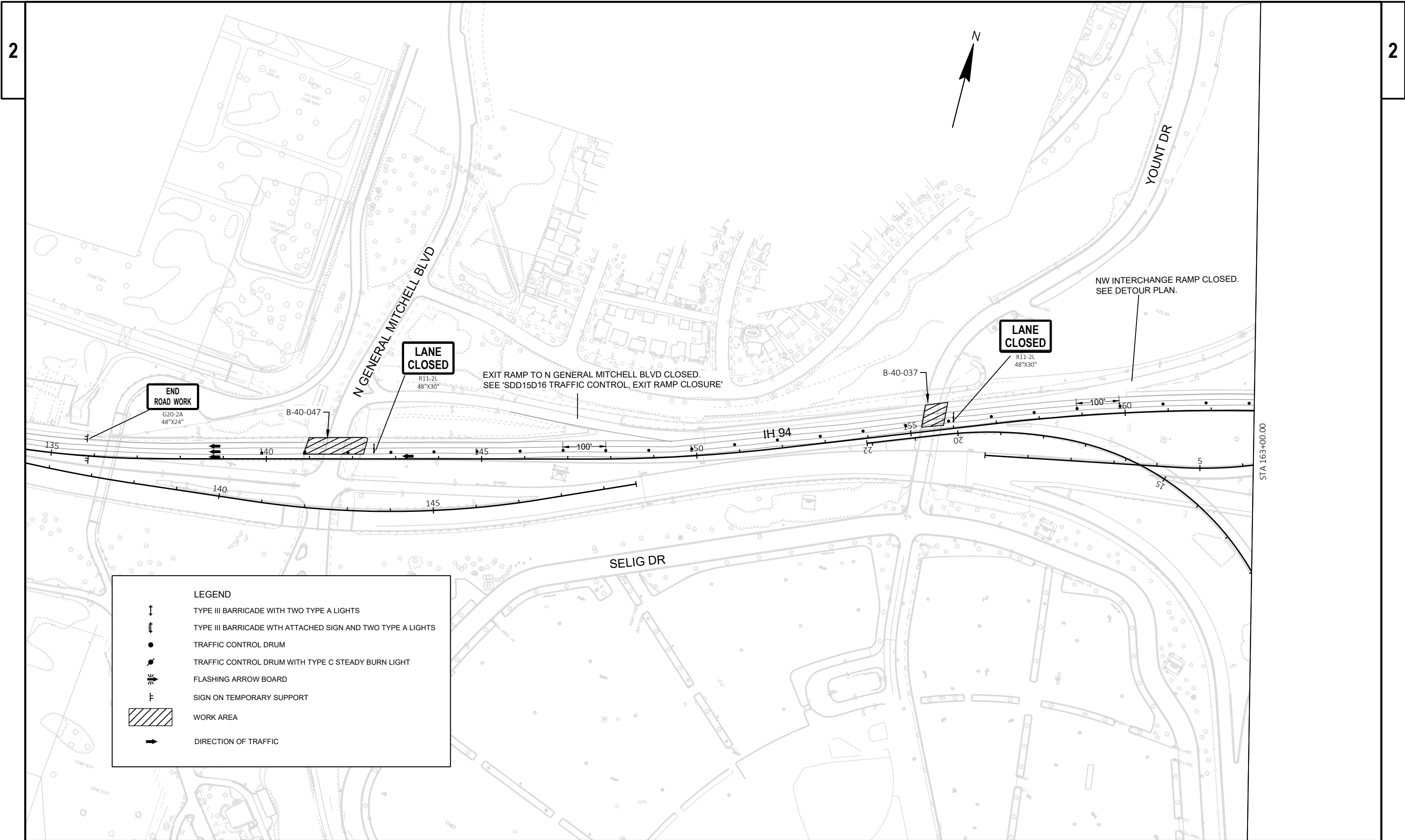


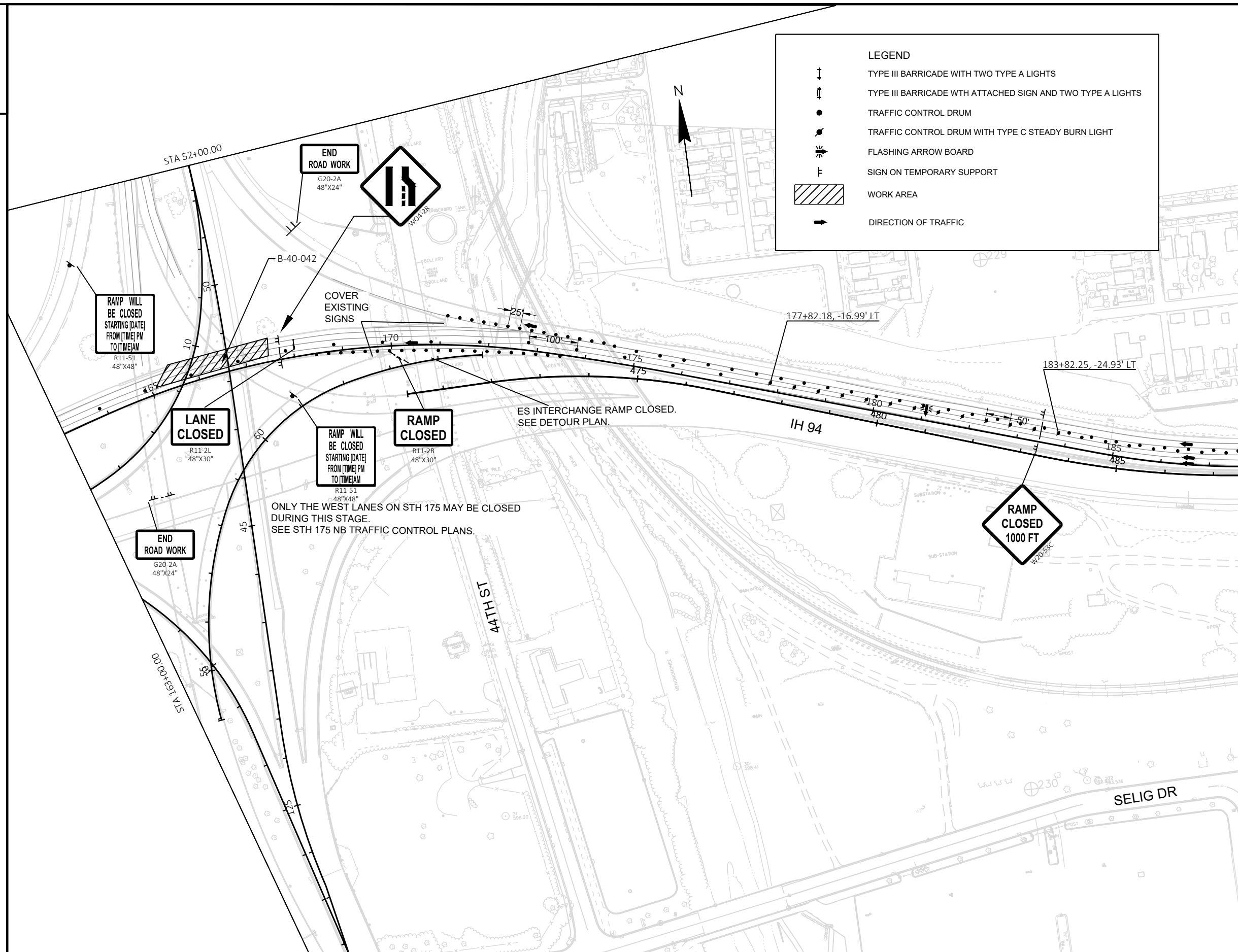
YOUNT DR
B-40-037
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

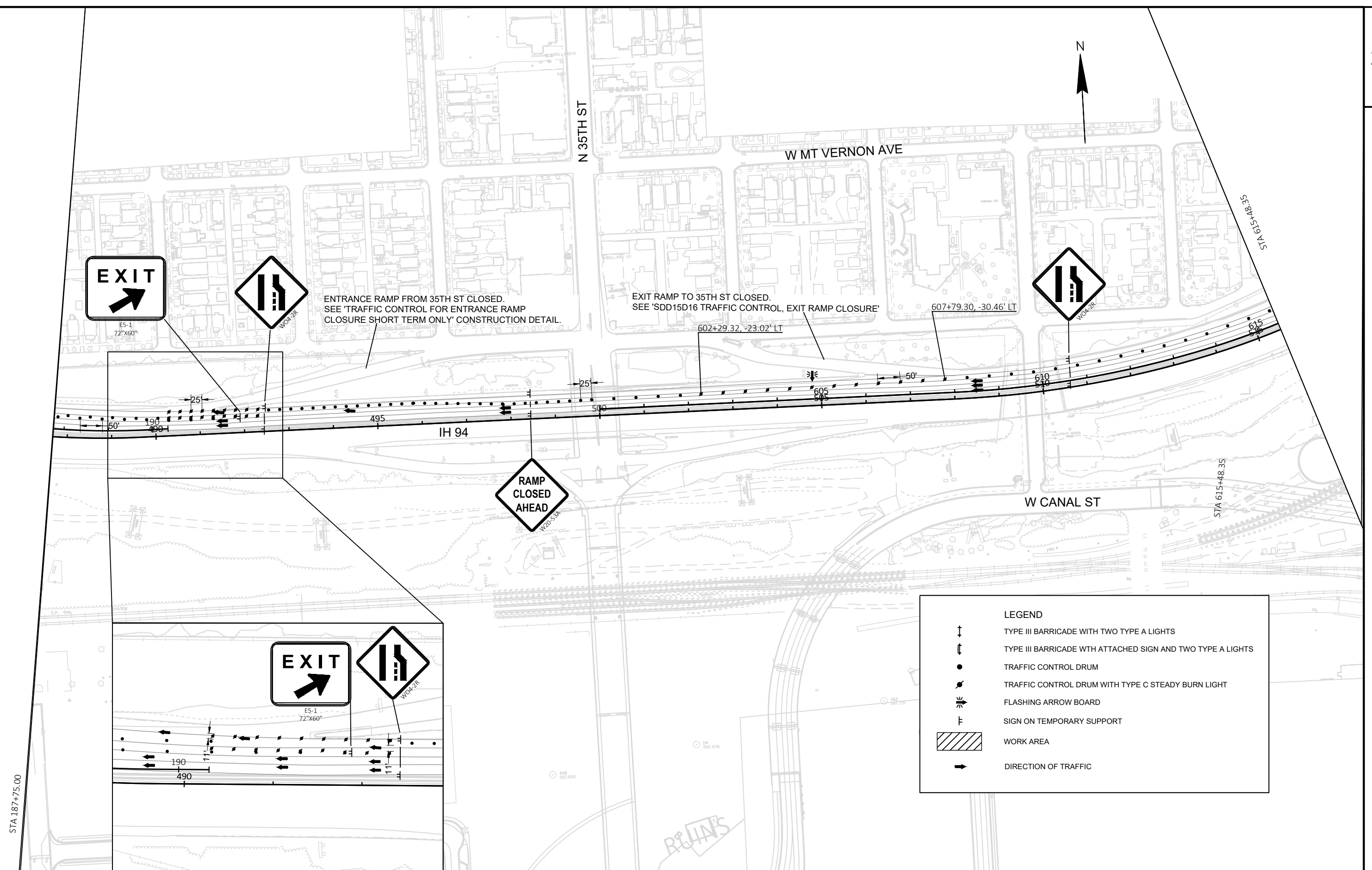
METAL LINKED FENCE FOR PEDESTRIAN WALK



N GENERAL MITCHELL BLVD
B-40-047
CONCRETE SURFACE REPAIRS
BEARING REPLACEMENT
ROAD CLOSED DURING NIGHTTIME
HOURS ONLY







PROJECT NO: 1060-11-73

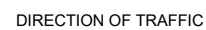
HWY: IH 94

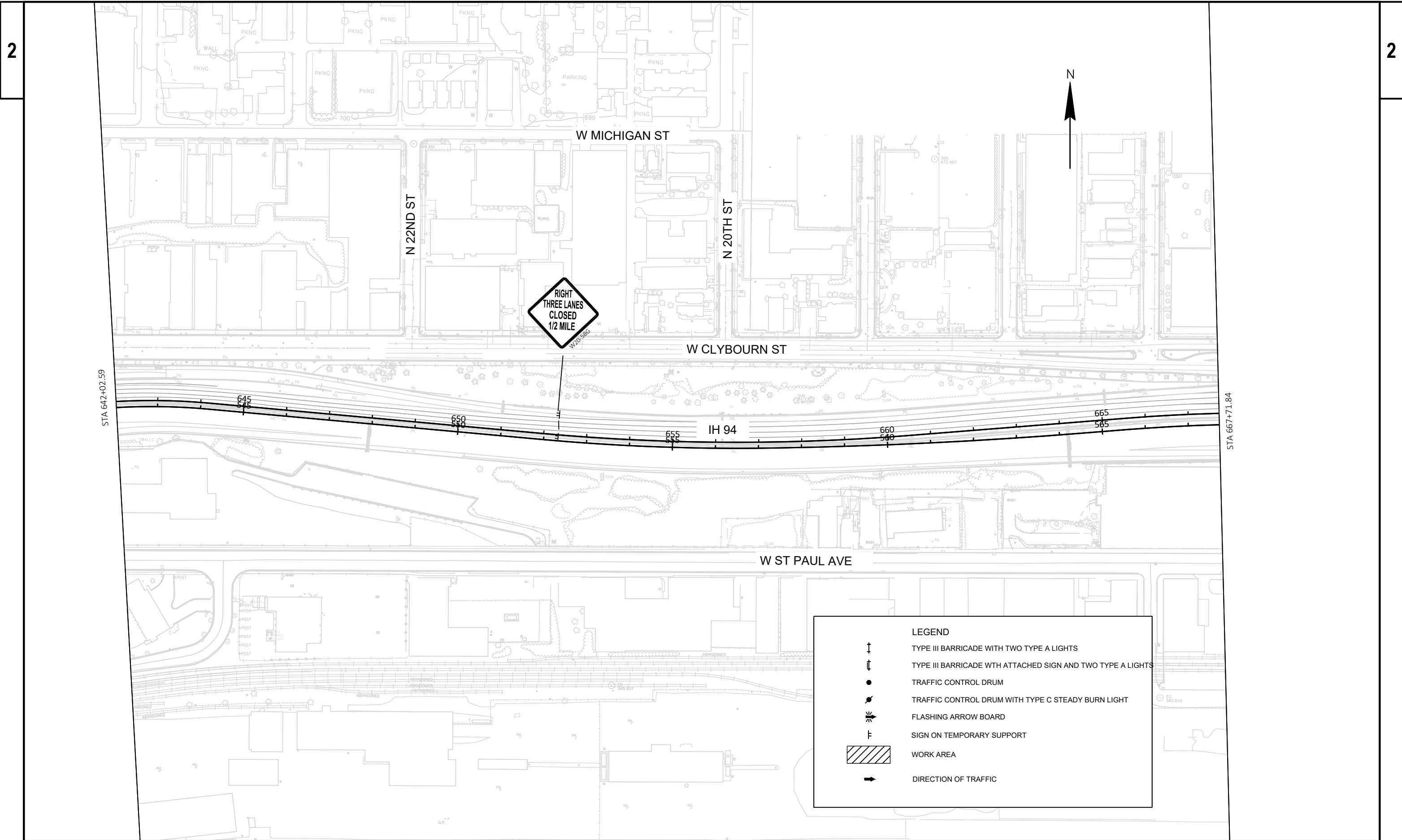
COUNTY: MILWAUKEE

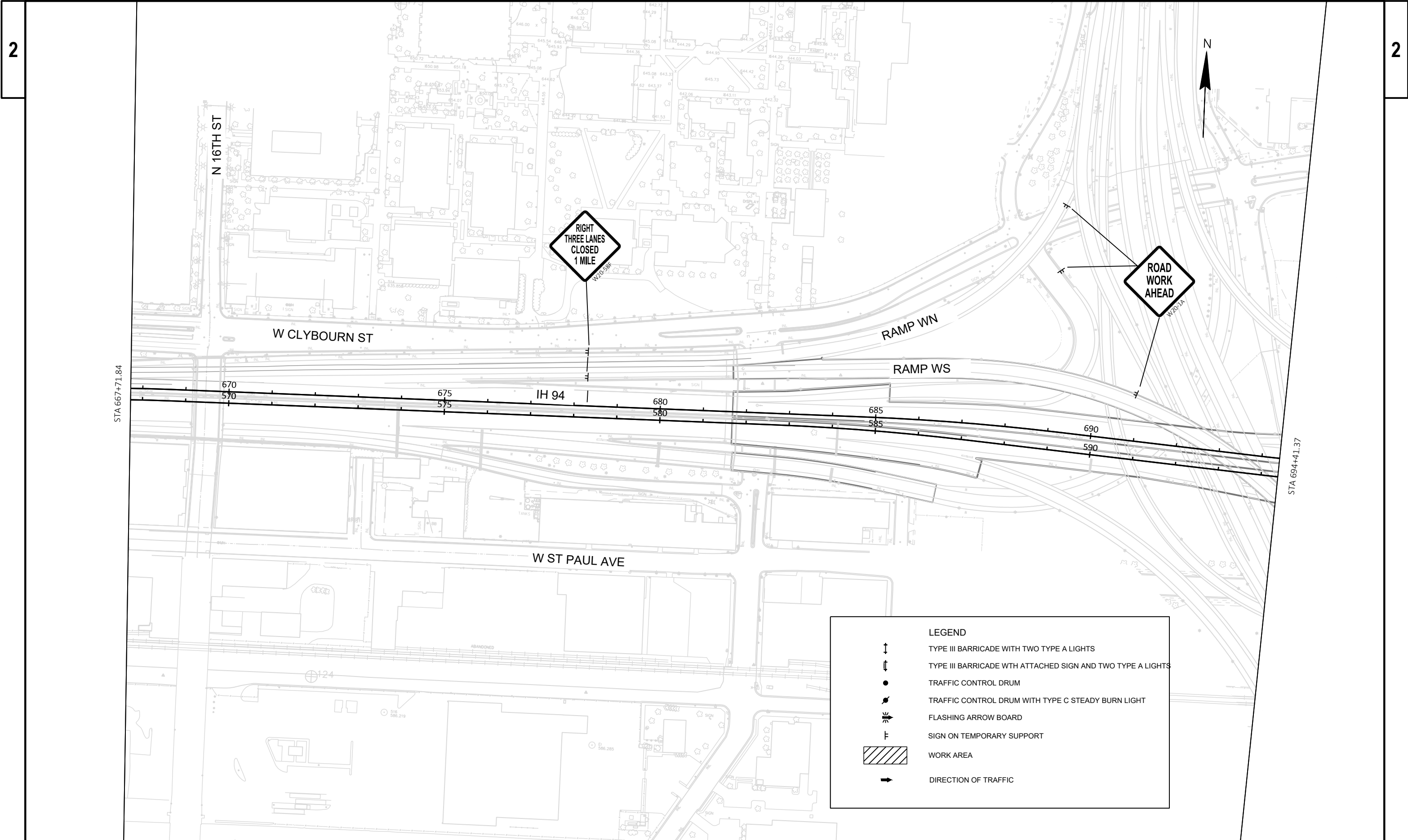
STAGE 2A - IH 94 WB OUTSIDE LANES

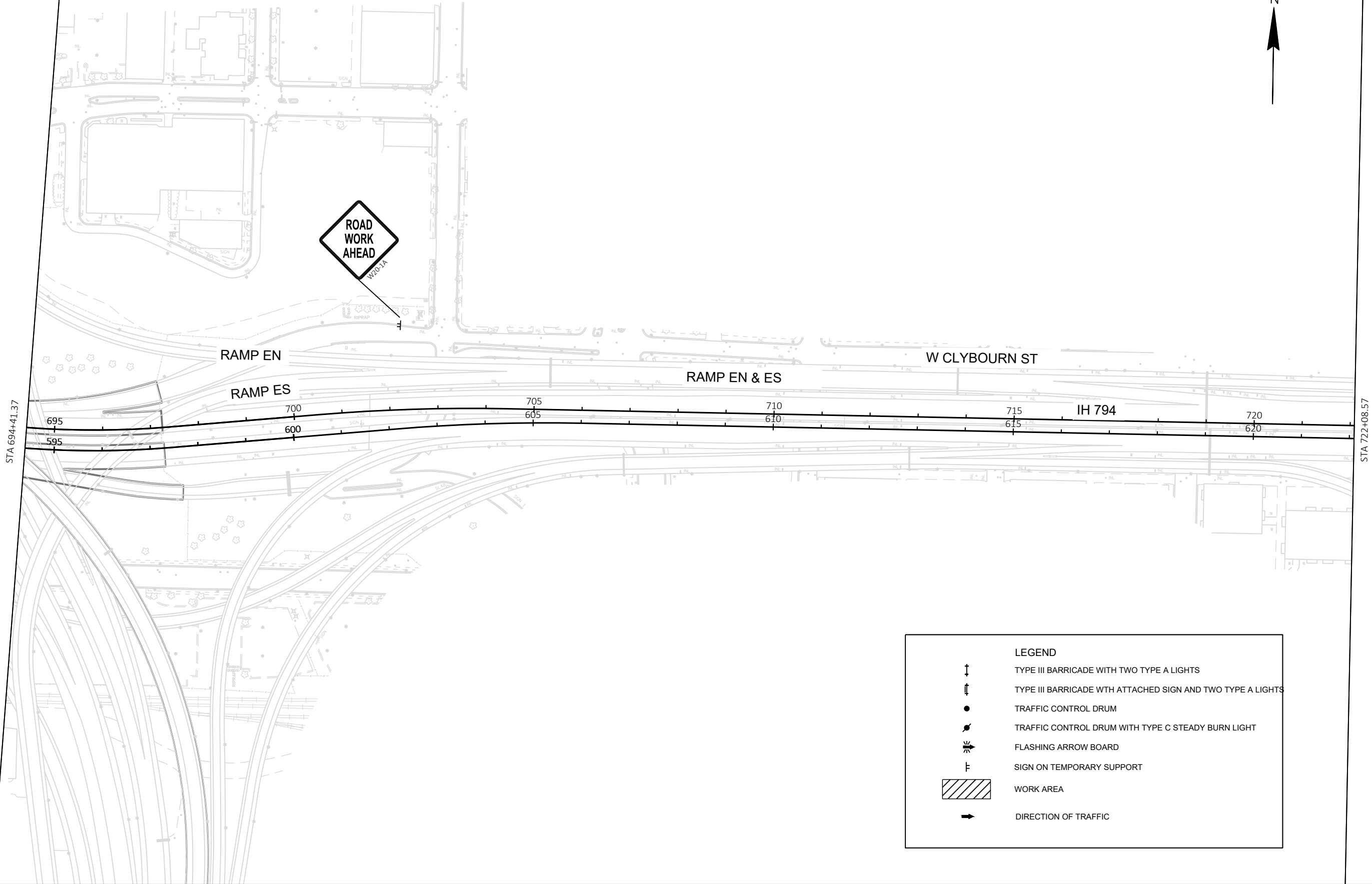
SHEET

E











LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WTH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

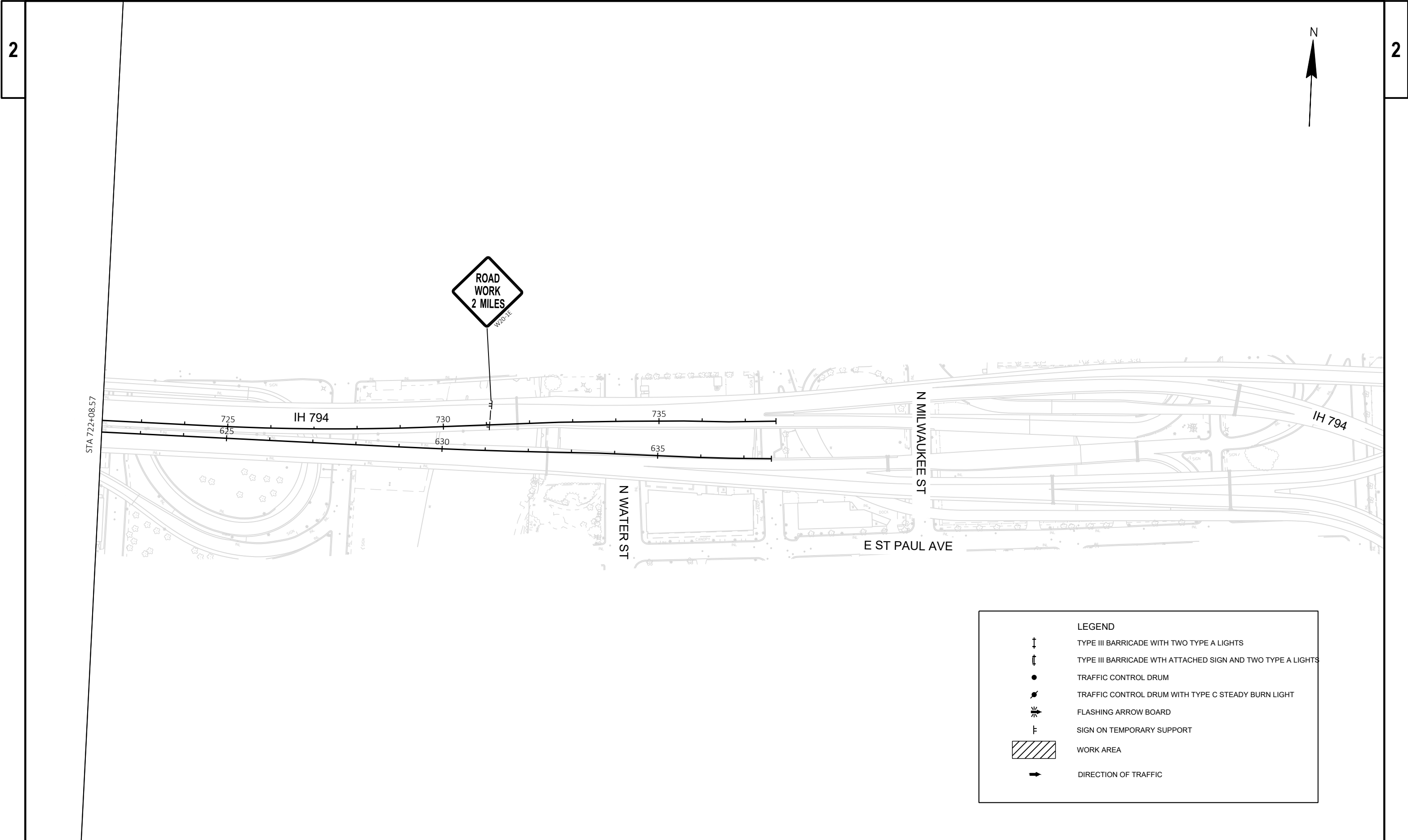
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC



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TYPE III BARRICADE WITH TWO TYPE A LIGHTS

↑↓

TYPE III BARRICADE WTH ATTACHED SIGN AND TWO TYPE A LIGHTS

●

TRAFFIC CONTROL DRUM

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TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

↗

FLASHING ARROW BOARD

⊥

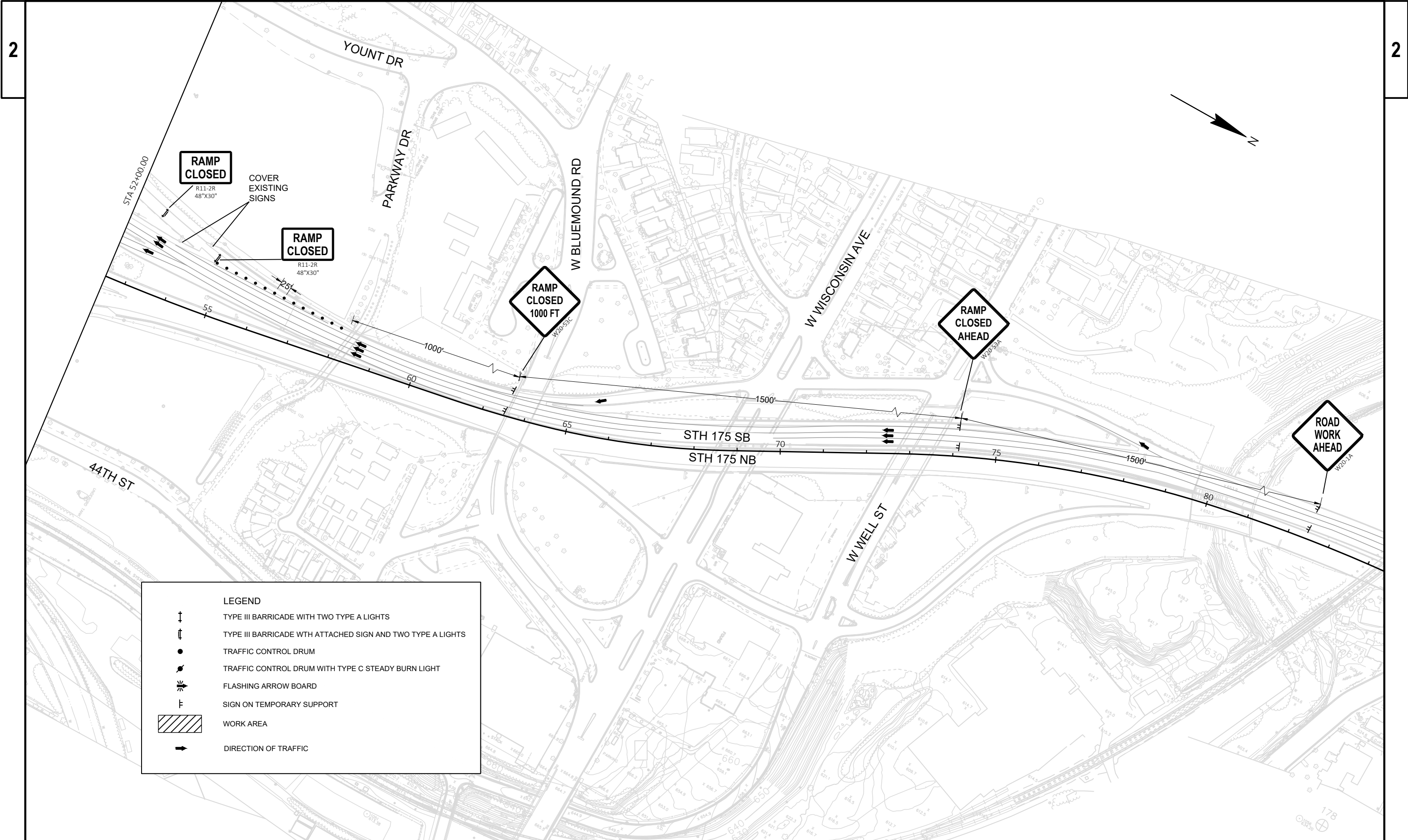
SIGN ON TEMPORARY SUPPORT

WORK AREA

➡

DIRECTION OF TRAFFIC

LEGEND



LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

FLASHING ARROW BOARD

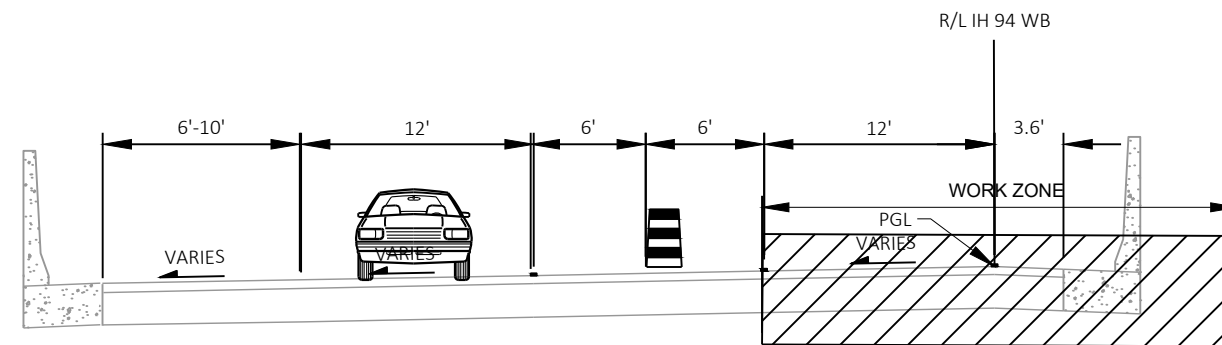
SIGN ON TEMPORARY SUPPORT

WORK AREA

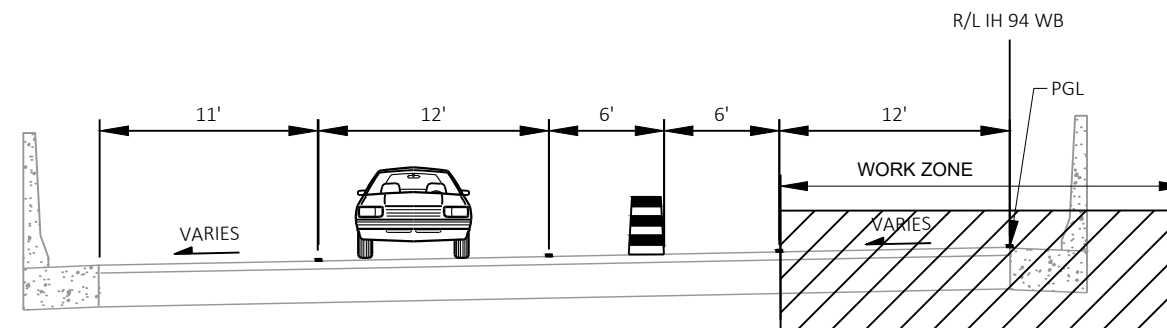
DIRECTION OF TRAFFIC

PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 2A - IH 94 WB OUTSIDE LANES	SHEET	E
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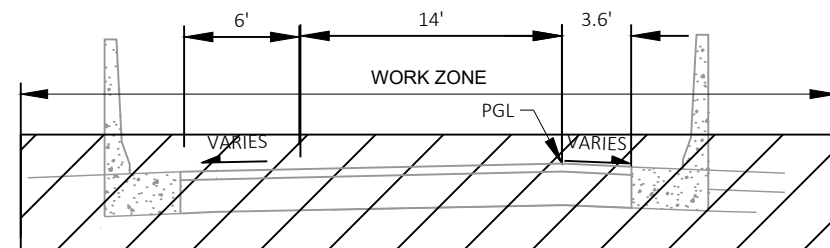
FILE NAME : N:\PDS\CD\10601103\SHEETPLAN\TC\025101_TC_STADIUM_SECTION_WB_OUT.DWG	PLOT DATE : 11/7/2019 4:28 PM	PLOT BY : MERLINE, HILARY ANN	PLOT NAME :	PLOT SCALE : 1 IN:200 FT	WISDOT/CADDs SHEET 42
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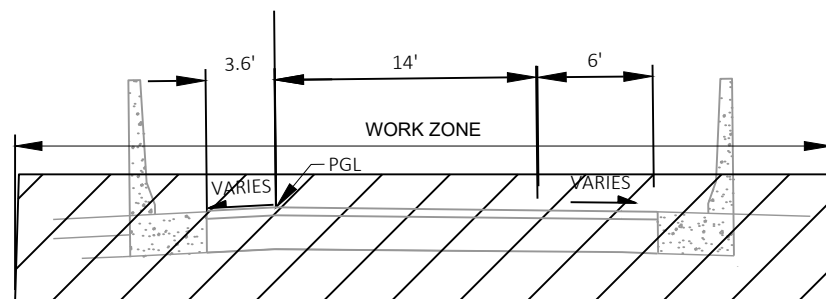
WB INSIDE LANES
B-40-037 (YOUNT DR)
B-40-042 (STH 175)
B-40-049-001 (SE RAMP)



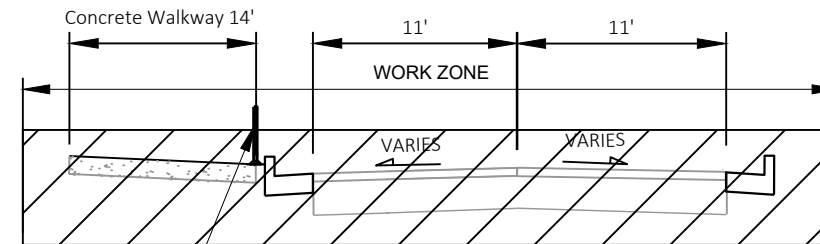
IH 94 WB INSIDE LANES
B-40-047



ES RAMP
B-40-049-002
CONCRETE SURFACE REPAIRS
RAMP CLOSED NIGHTTIME HOURS ONLY

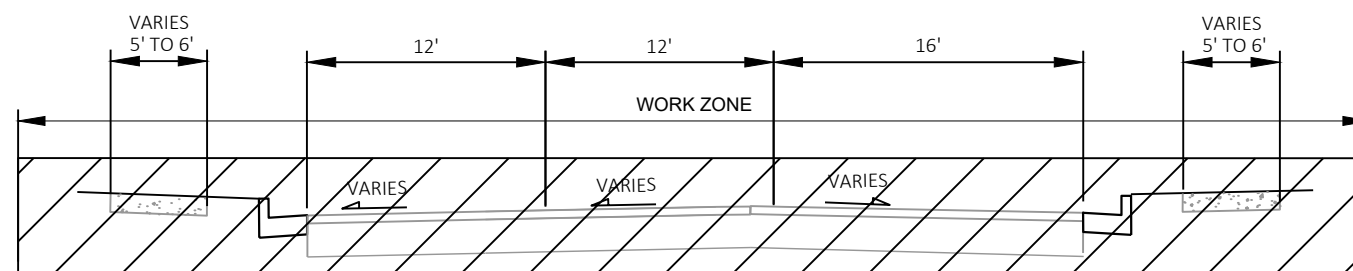


SW RAMP
B-40-049-002
CONCRETE SURFACE REPAIRS
RAMP CLOSED NIGHTTIME HOURS ONLY

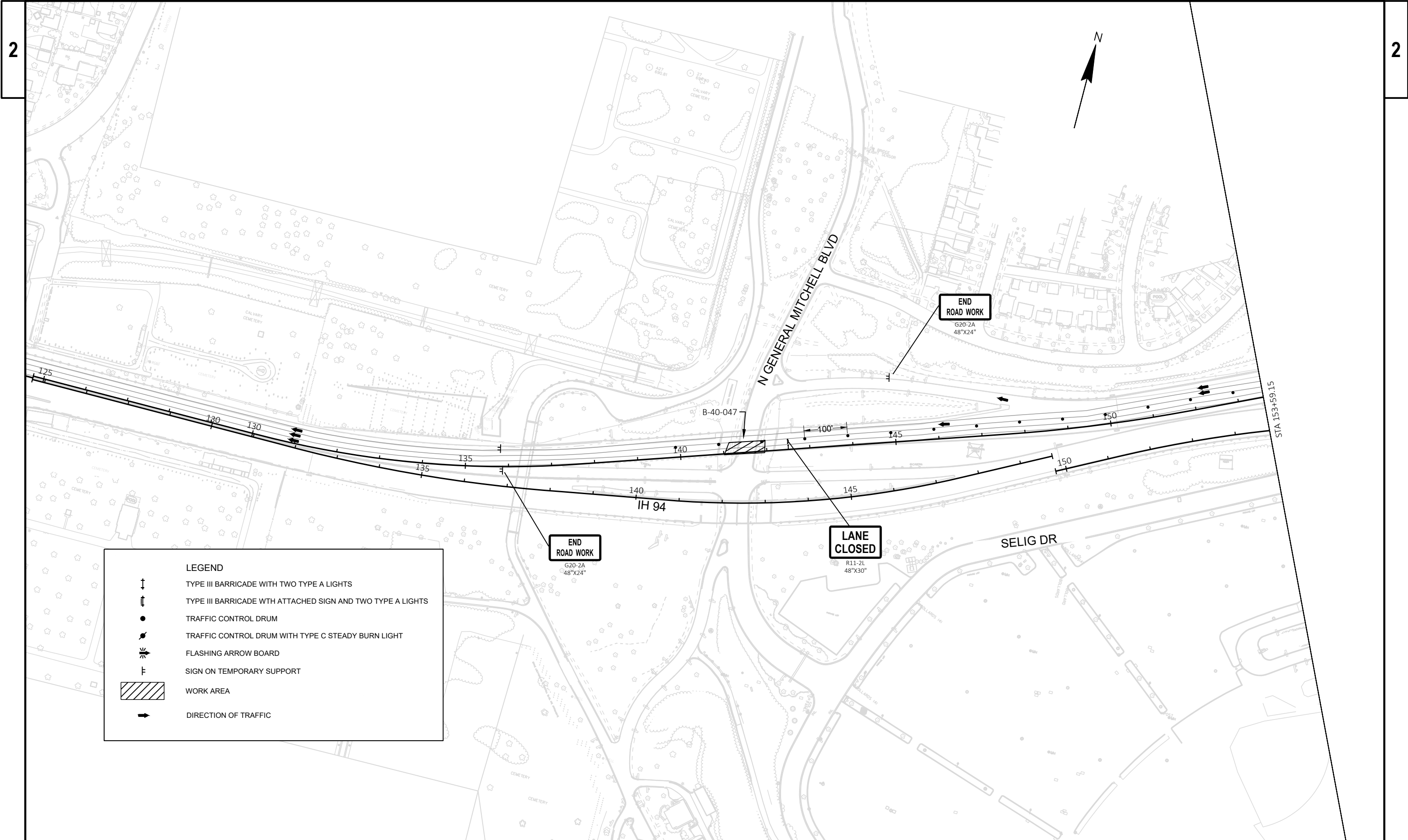


YOUNT DR
B-40-037
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY

METAL LINKED FENCE FOR PEDESTRIAN WALK



N GENERAL MITCHELL BLVD
B-40-047
CONCRETE SURFACE REPAIRS
BEARING REPLACEMENT
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



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●

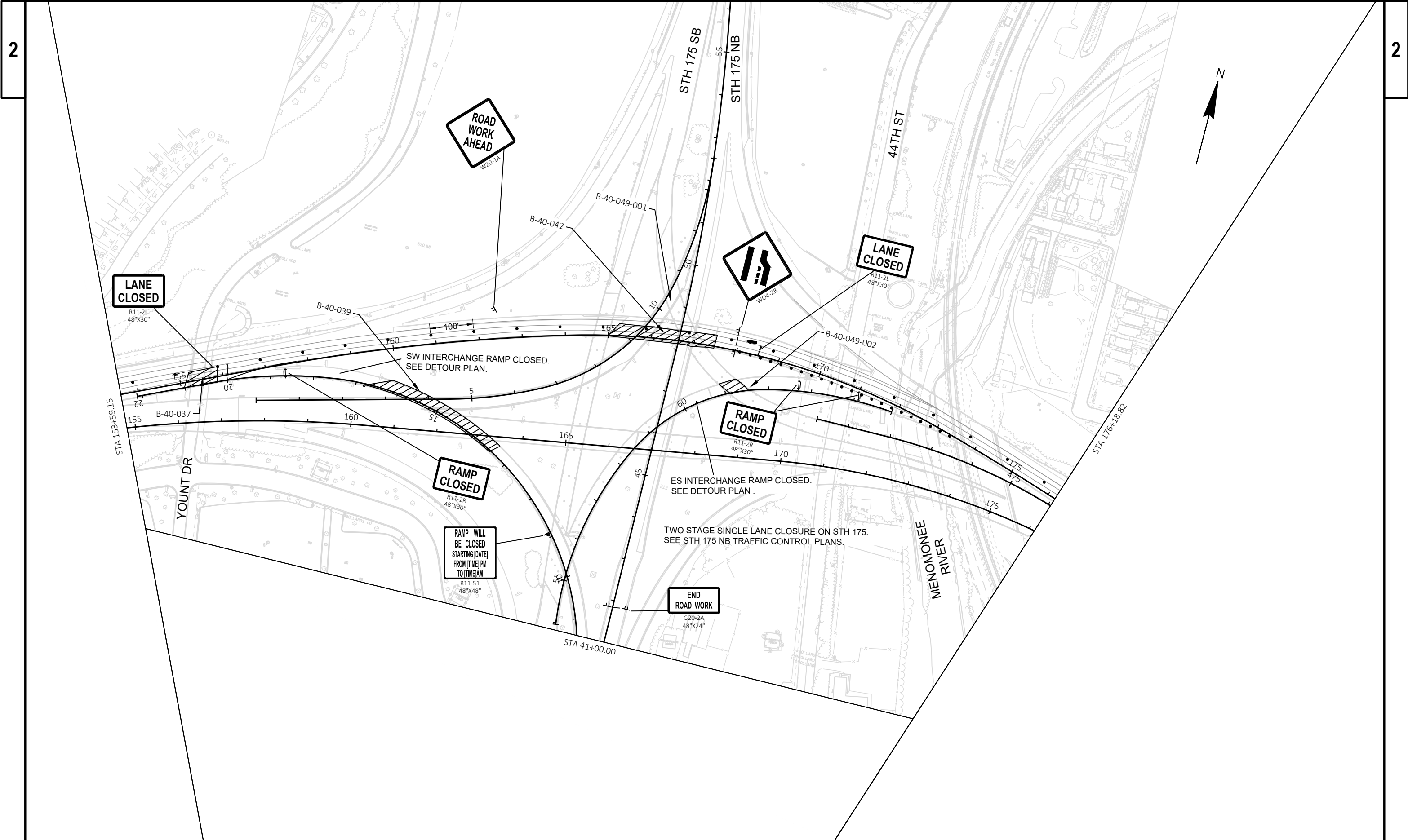
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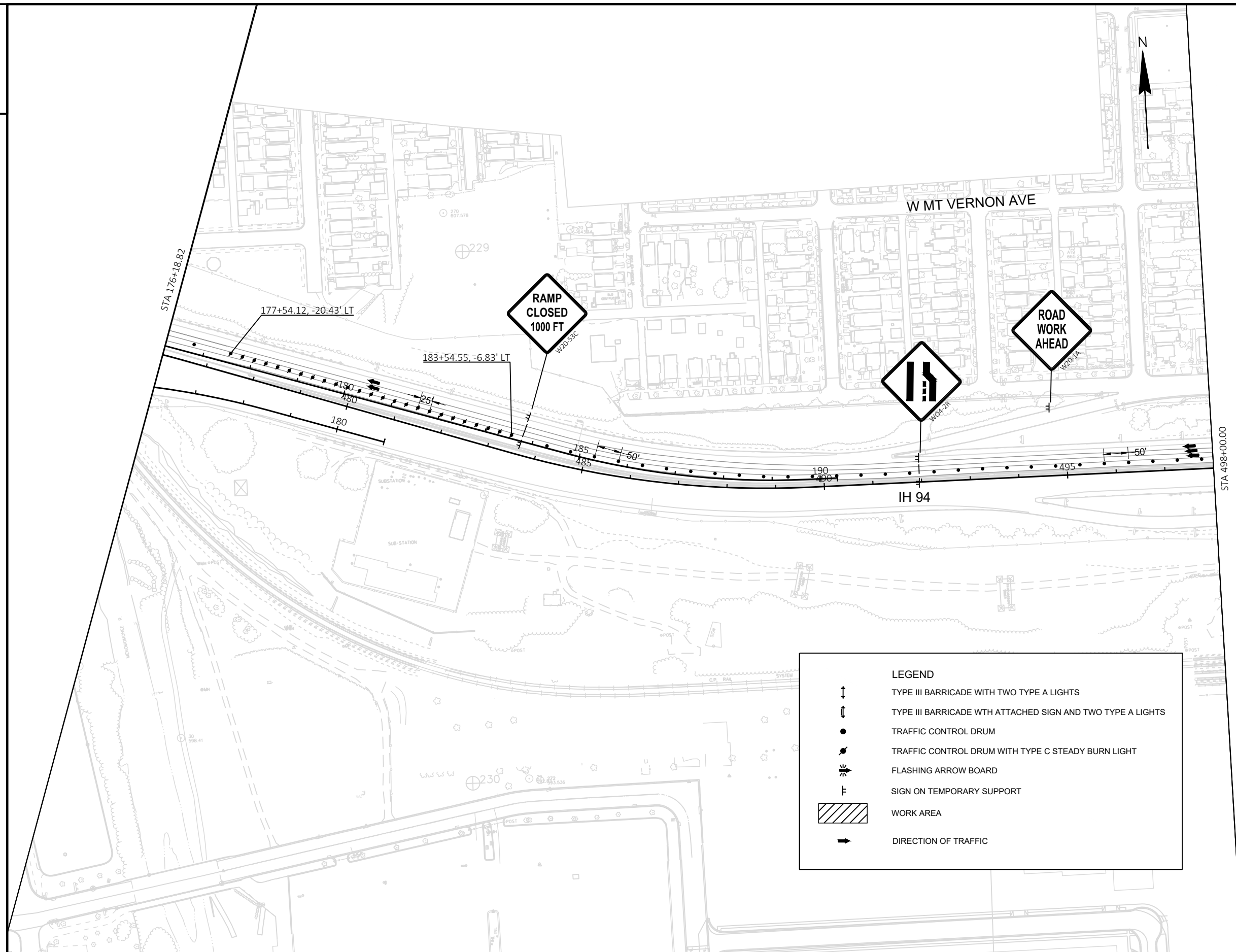
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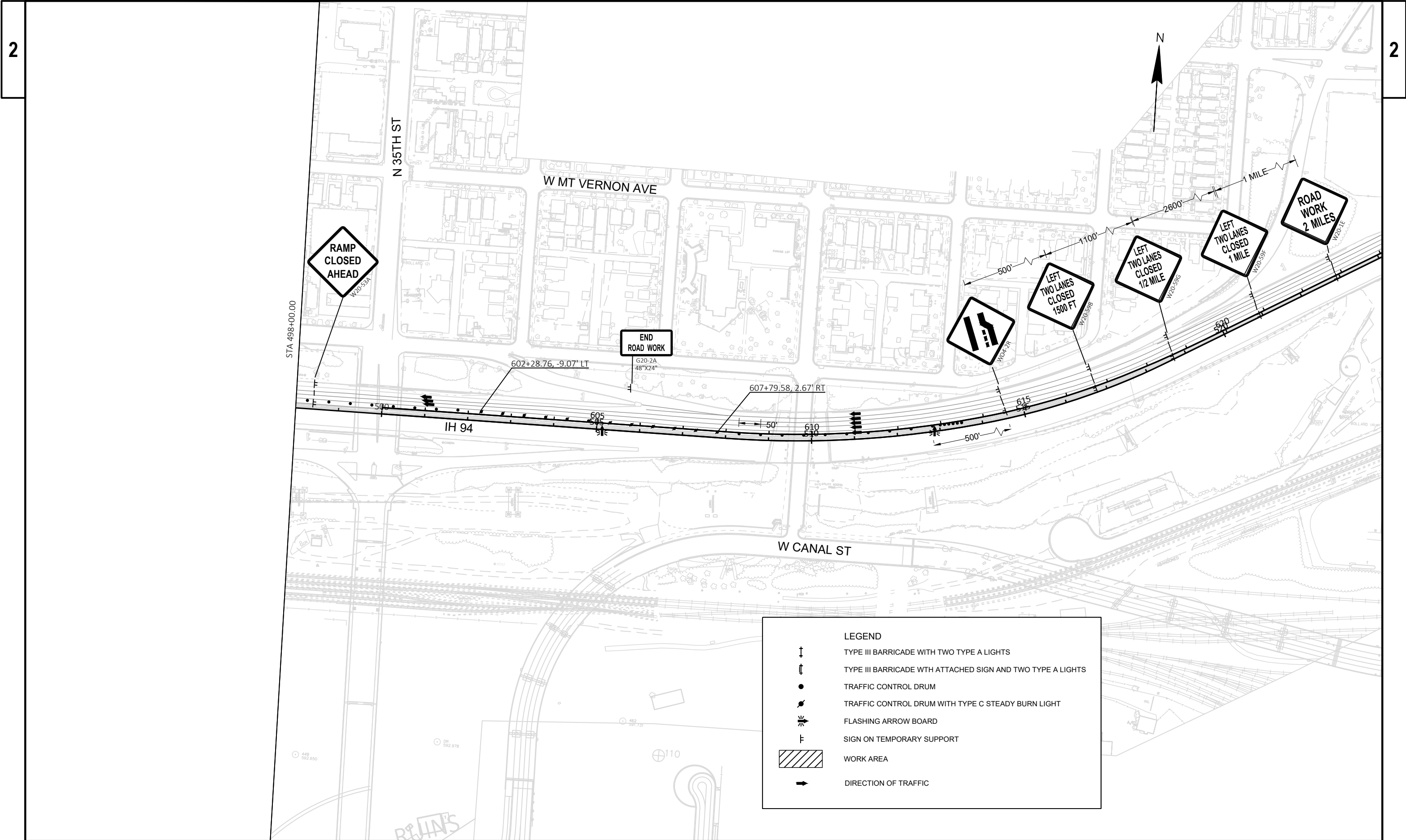
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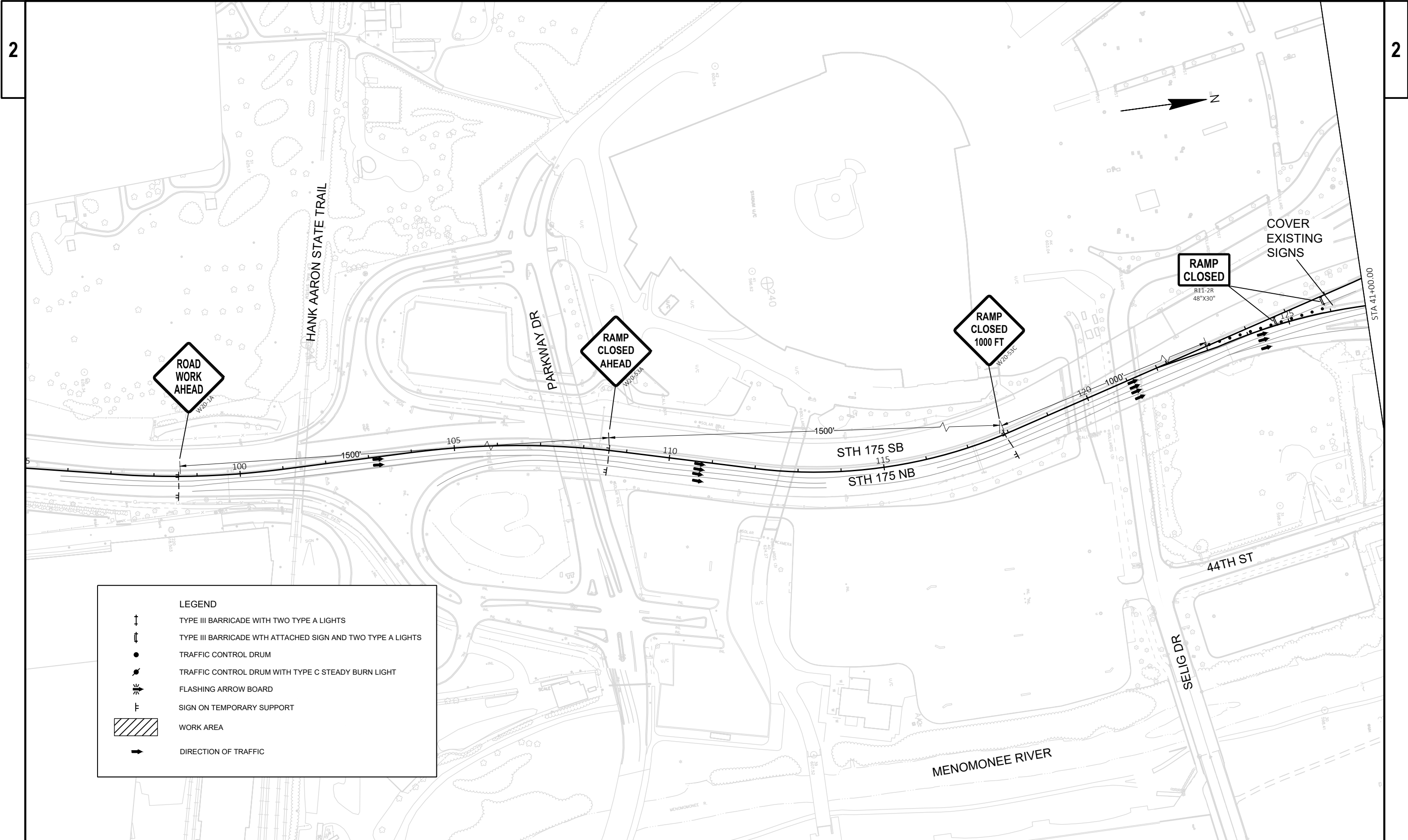
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LEGEND
TYPE III BARRICADE WITH TWO TYPE A LIGHTS
TYPE III BARRICADE WTH ATTACHED SIGN AND TWO TYPE A LIGHTS
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
FLASHING ARROW BOARD
SIGN ON TEMPORARY SUPPORT
WORK AREA
DIRECTION OF TRAFFIC

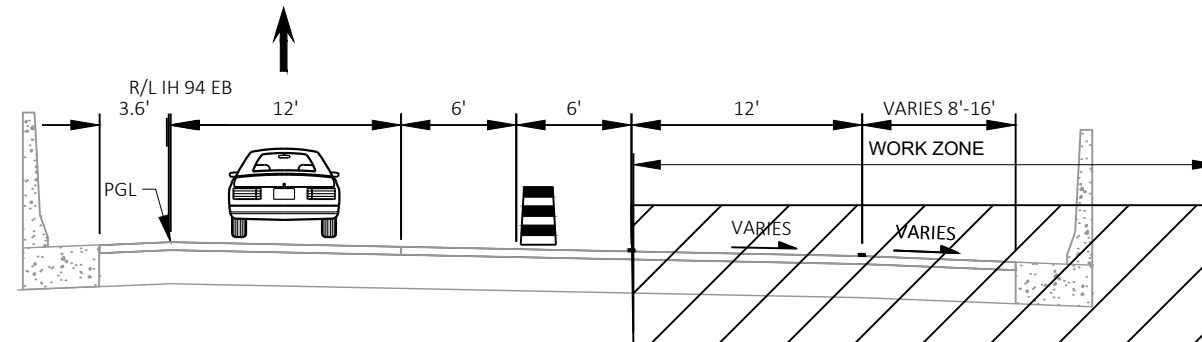




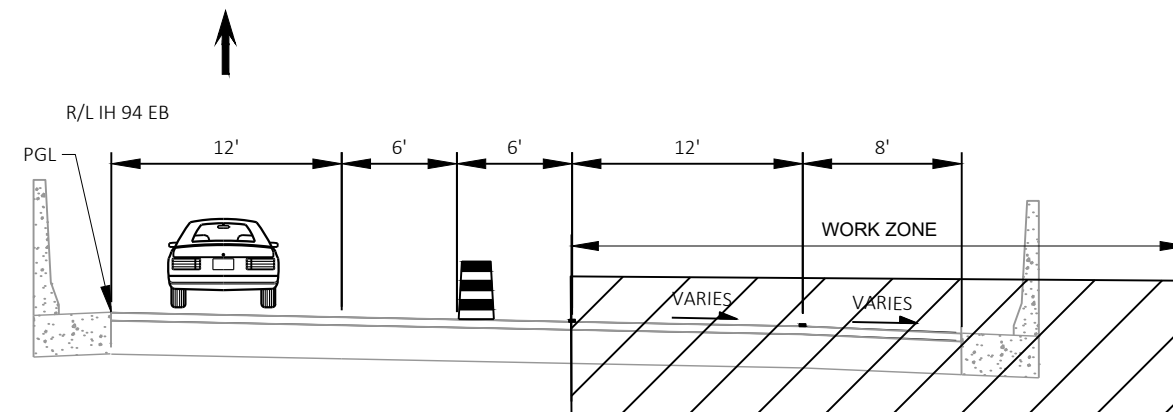




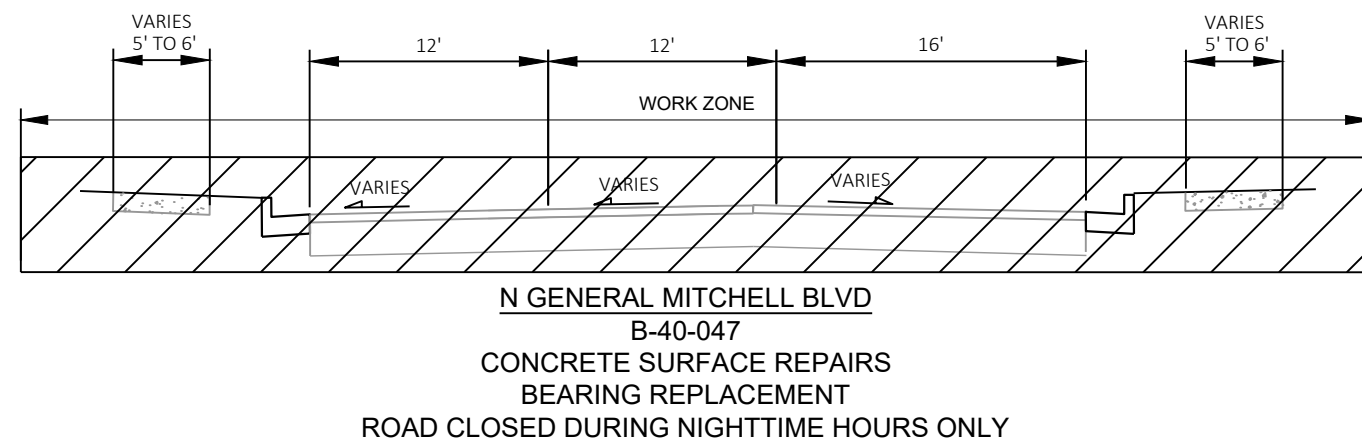
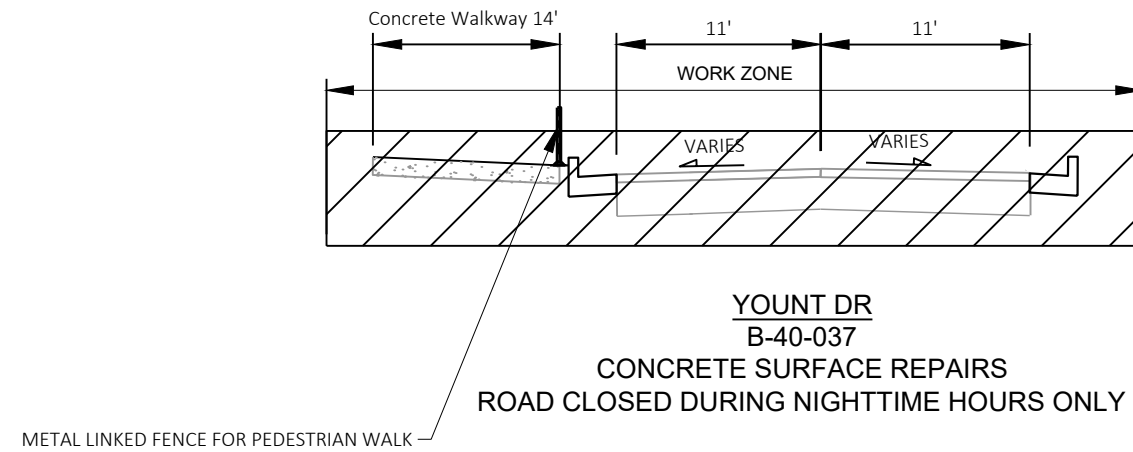
PROJECT NO: 1060-11-73	HWY: STH 175	COUNTY: MILWAUKEE	STAGE 2B - IH 94 WB INSIDE LANES	SHEET	E
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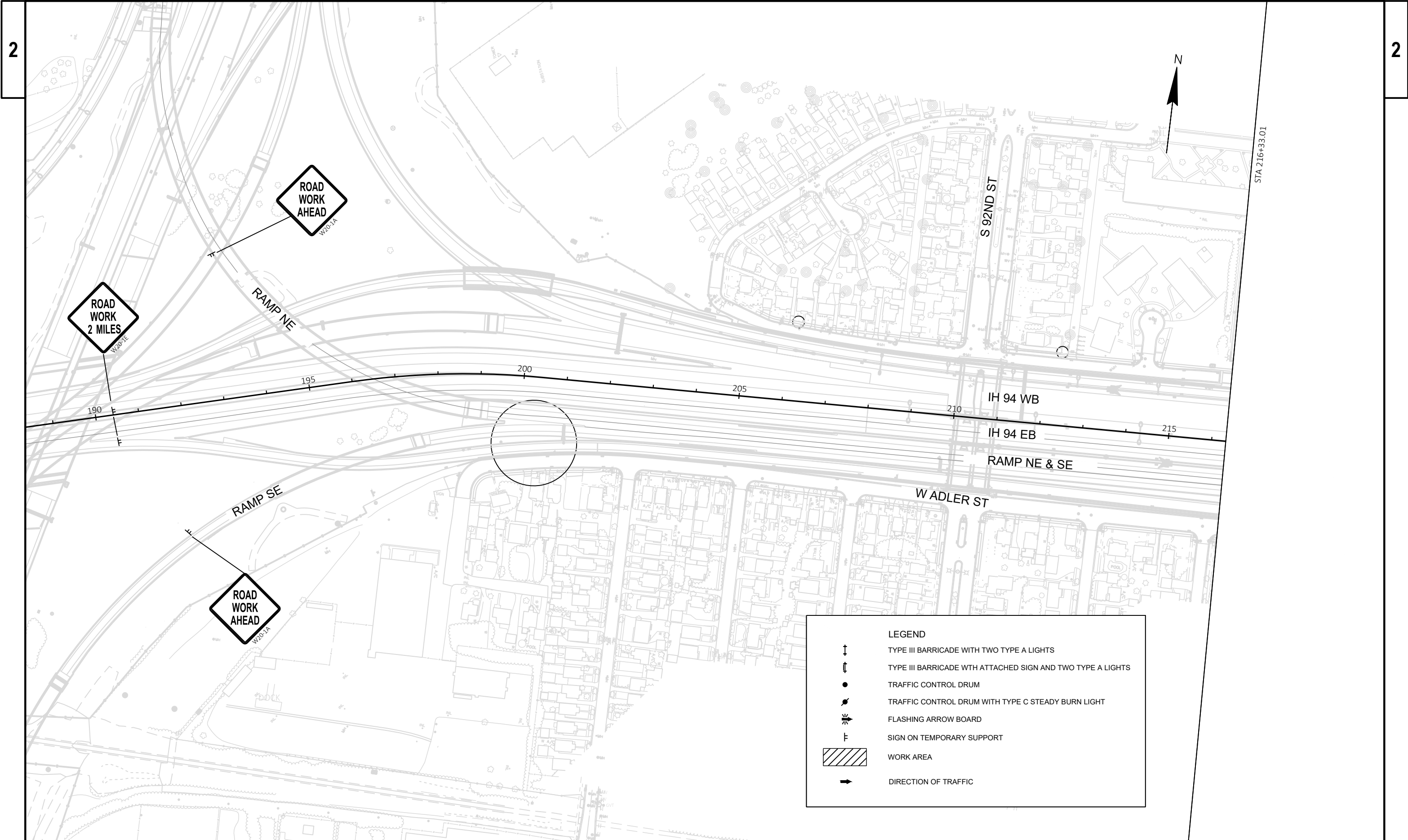


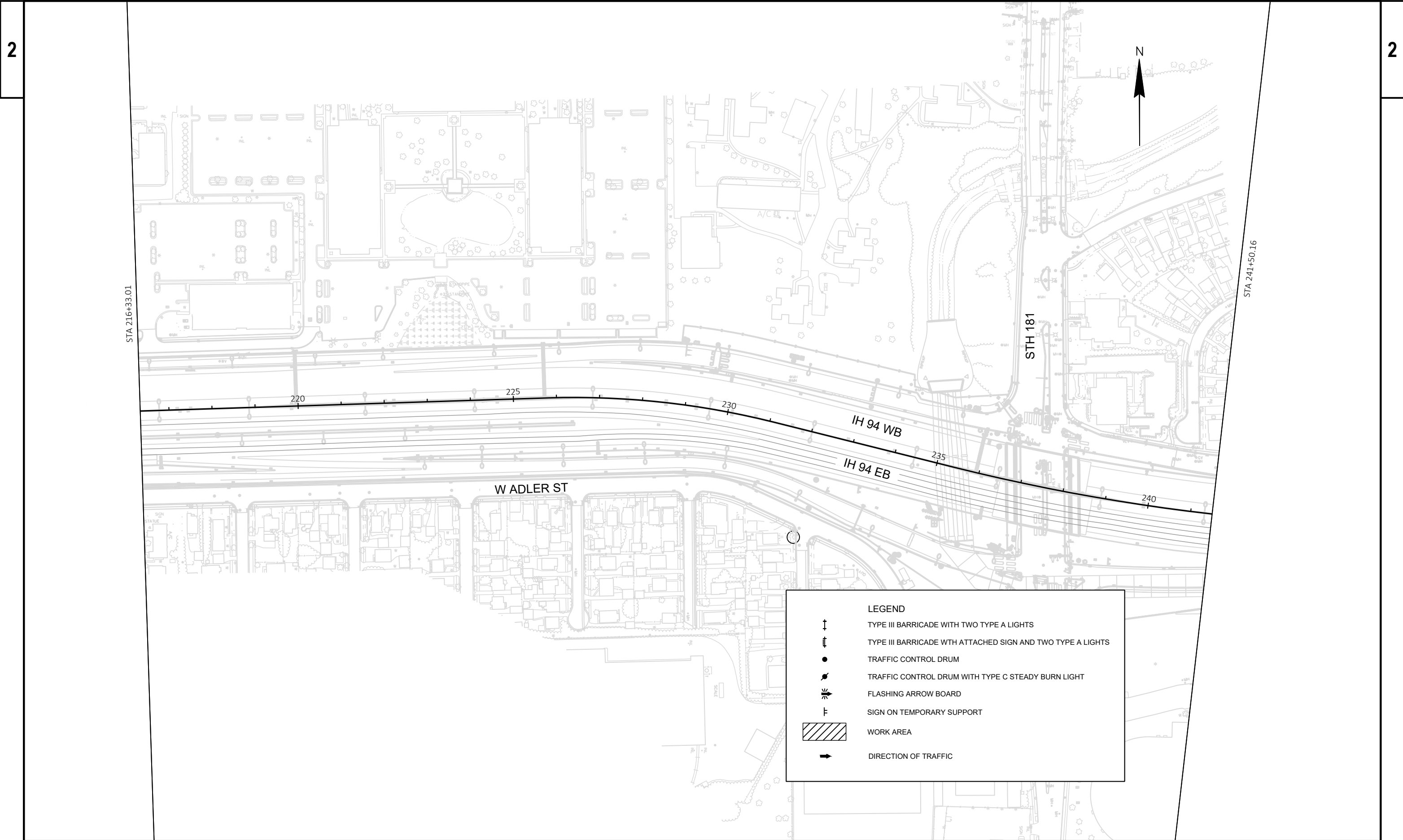
IH 94 EB OUTSIDE LANES
B-40-038 (YOUNT DR)
B-40-041 (STH 175)

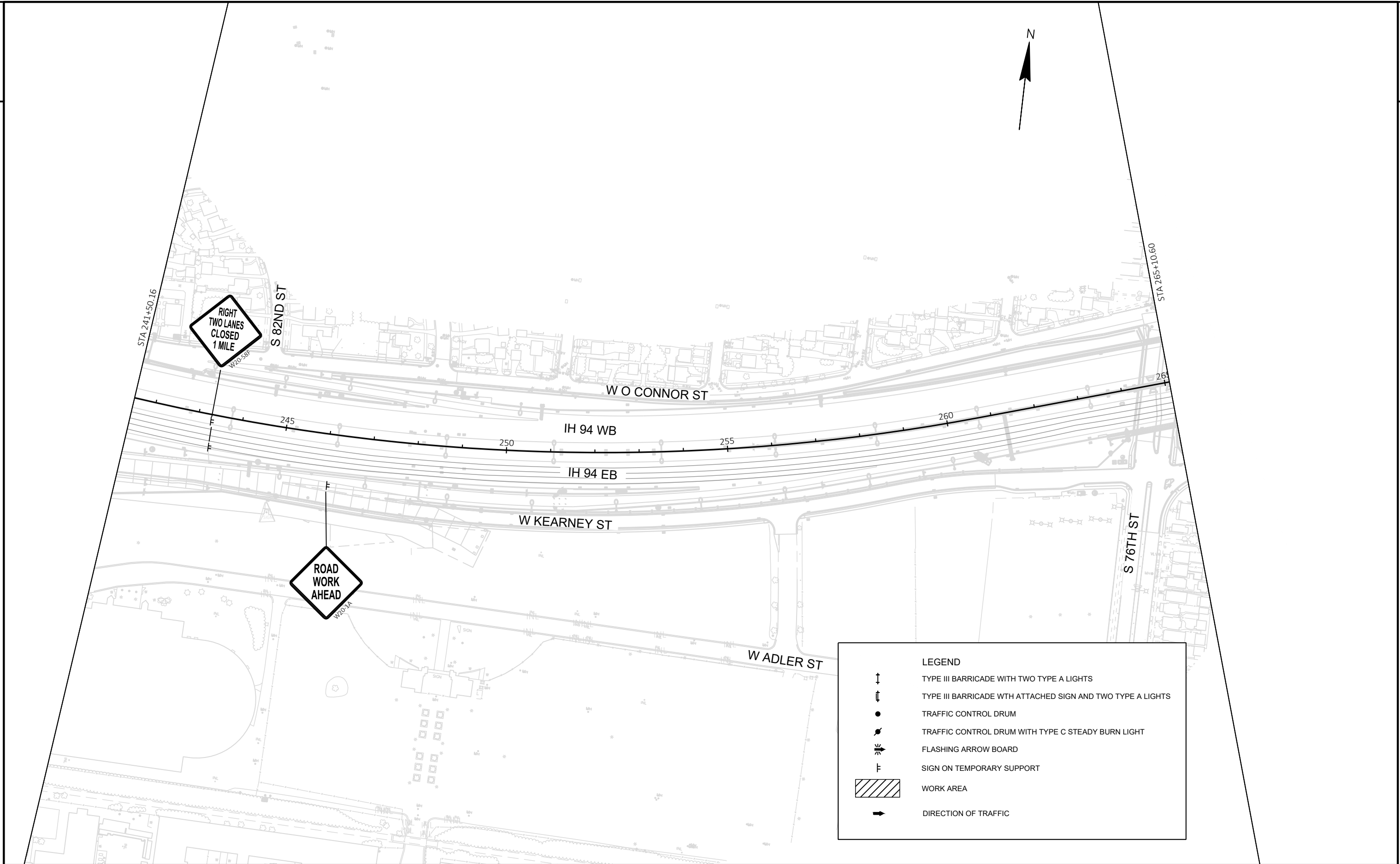


IH 94 EB OUTSIDE LANES
B-40-046 (N GENERAL MITCHELL BLVD)

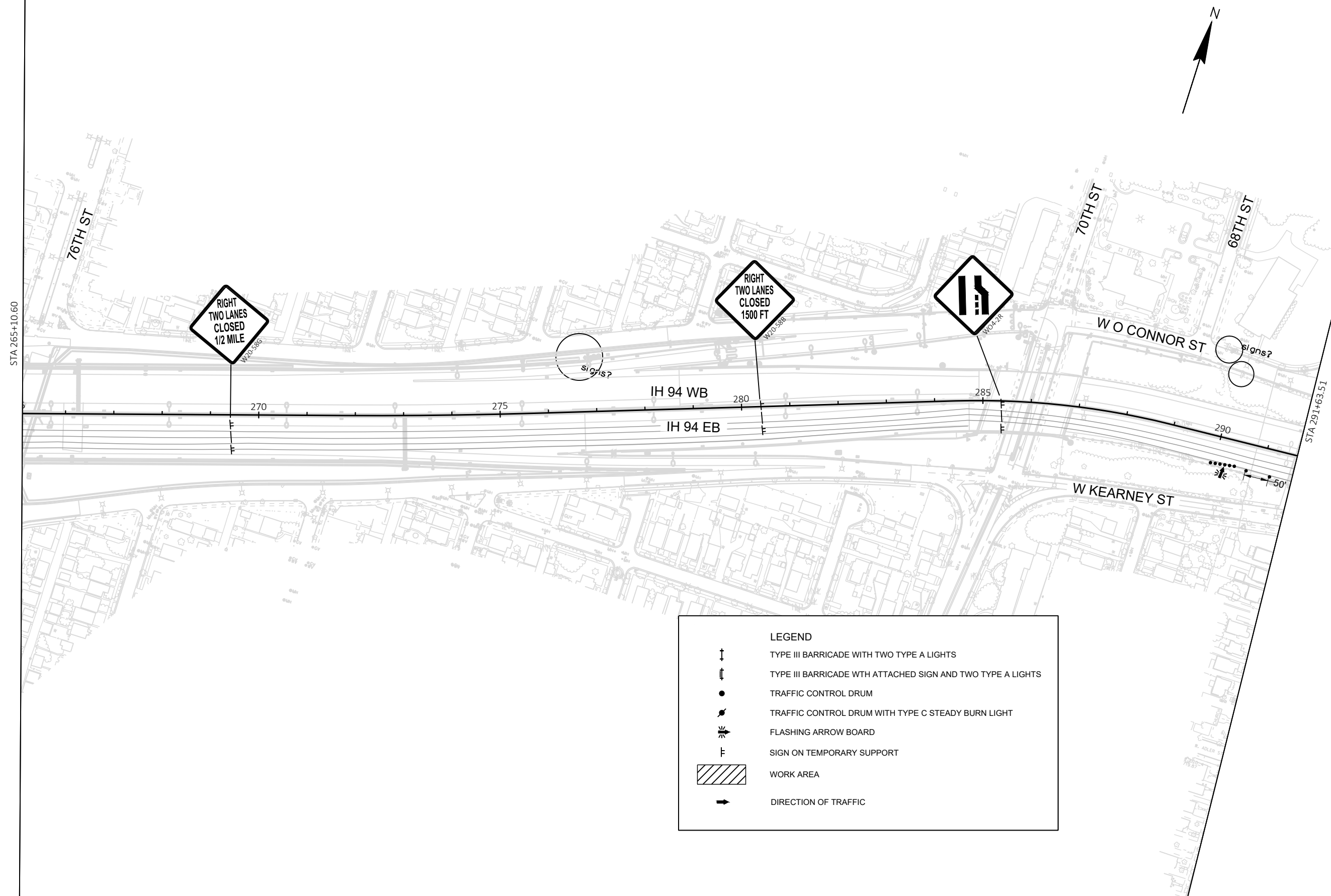






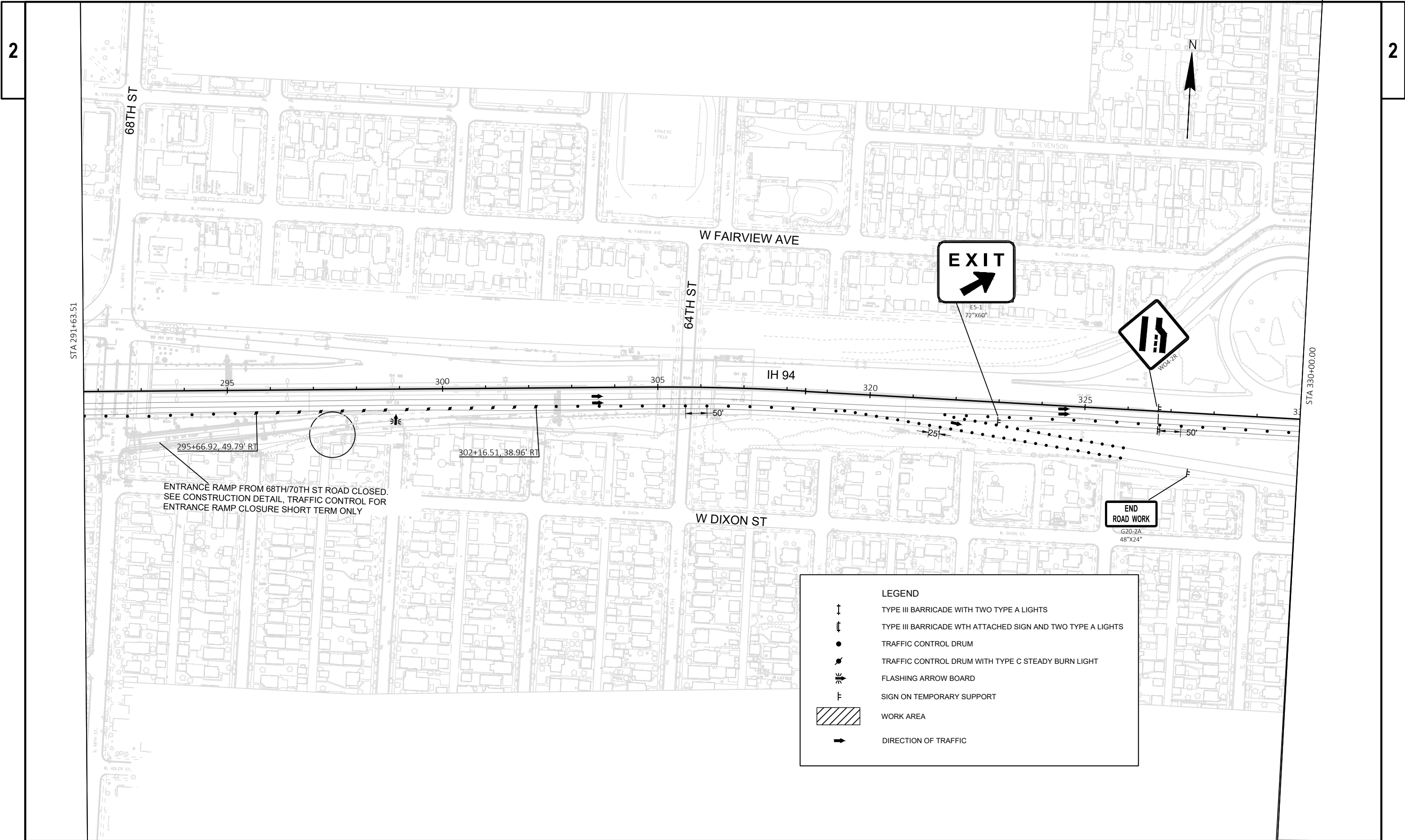


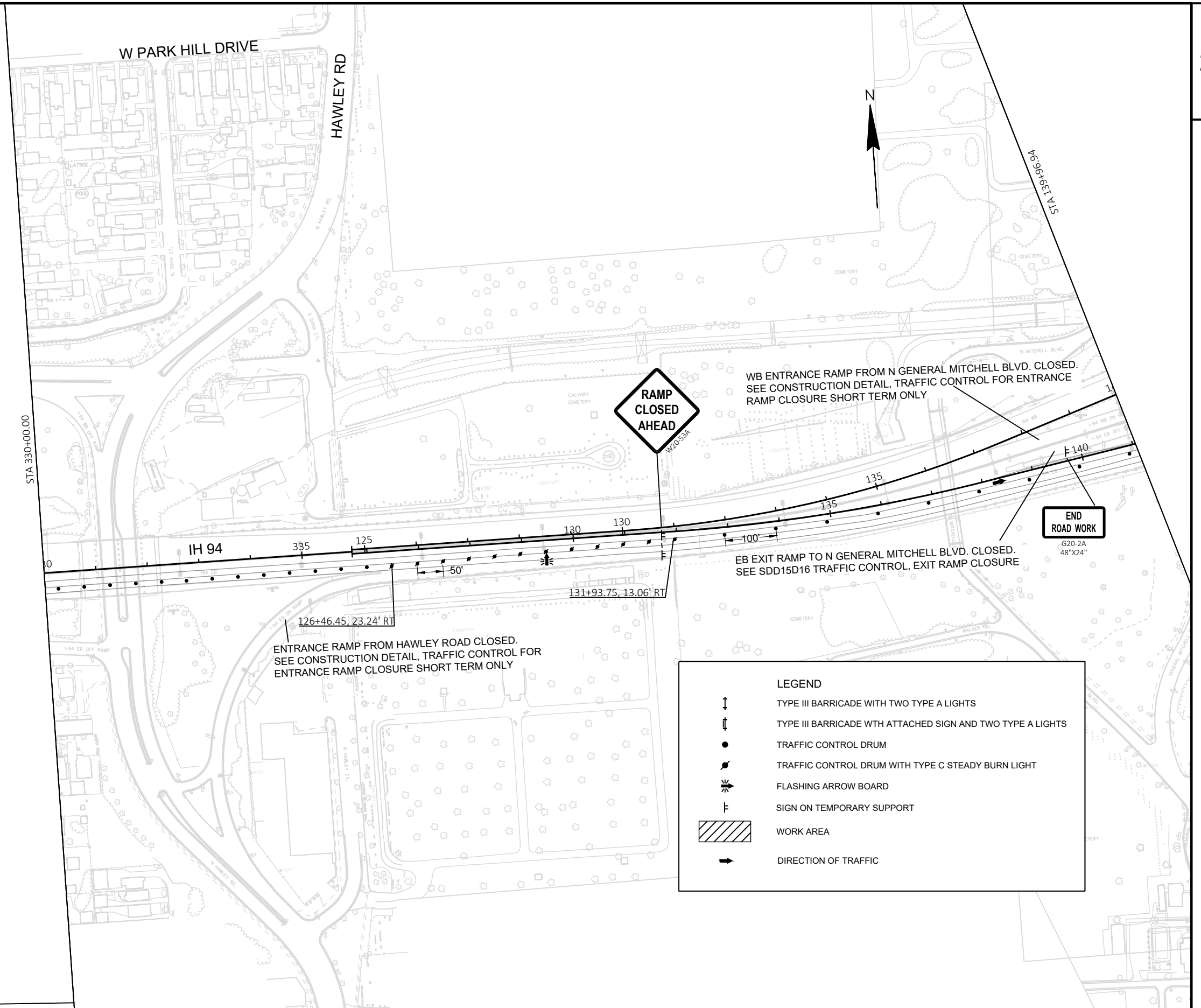
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 2C - IH 94 EB OUTSIDE LANES	SHEET	E
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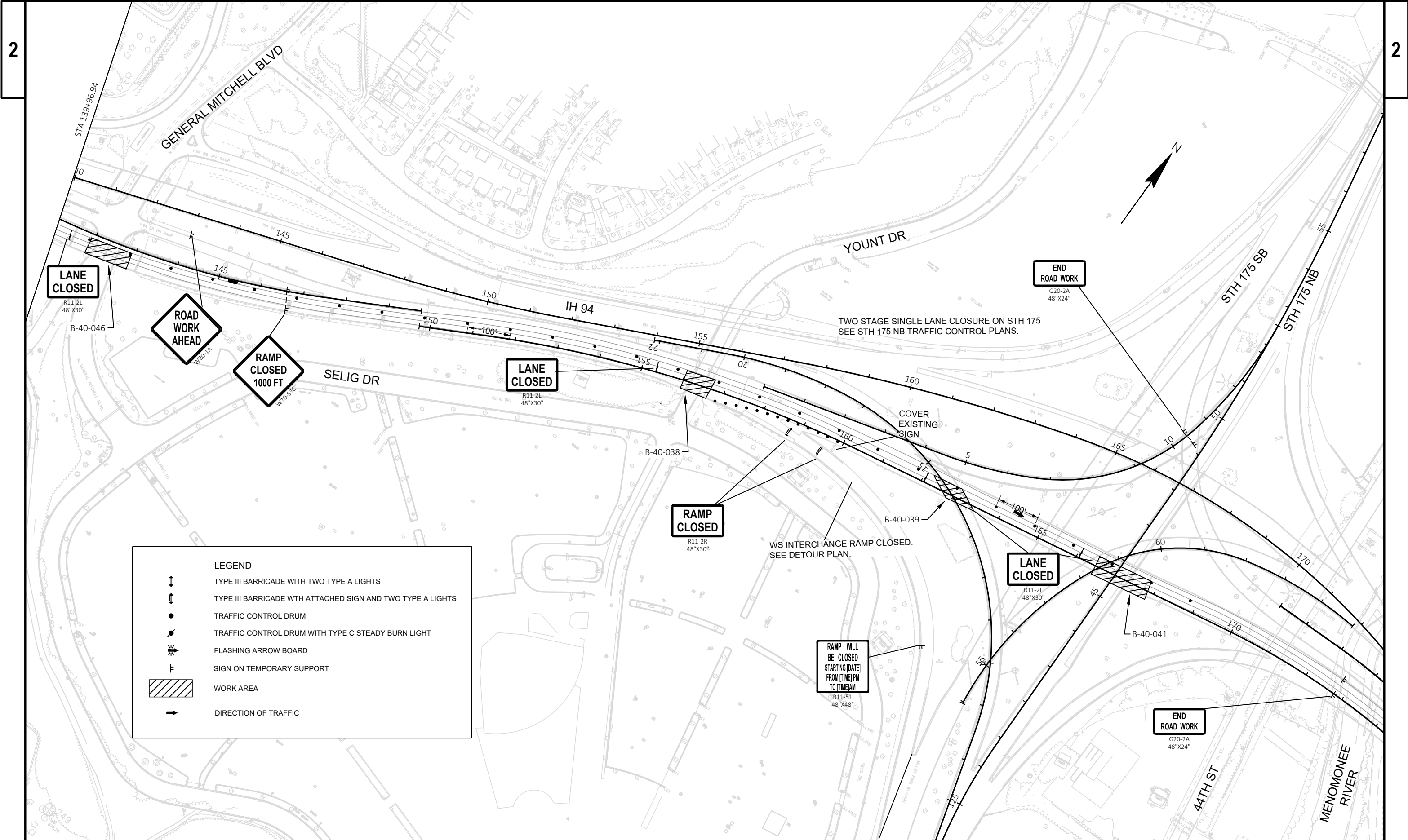


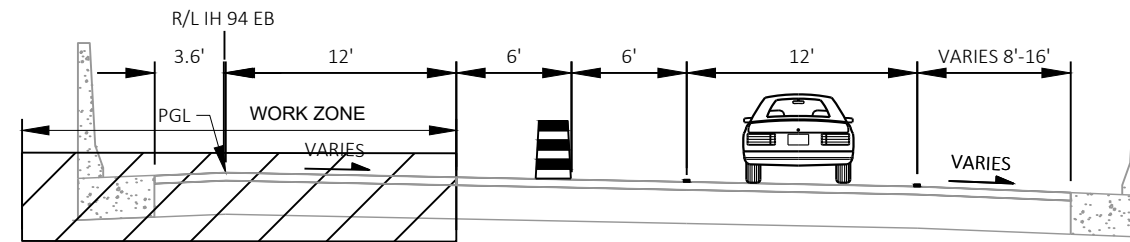
LEGEND

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC

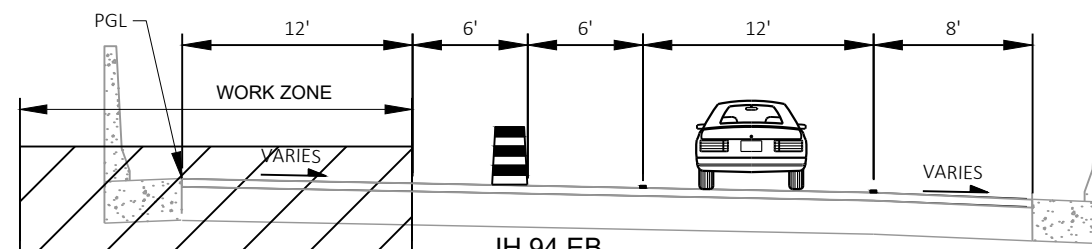




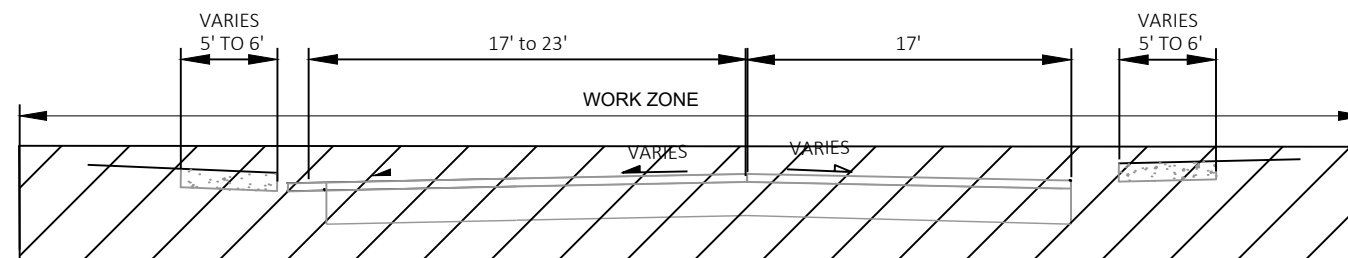




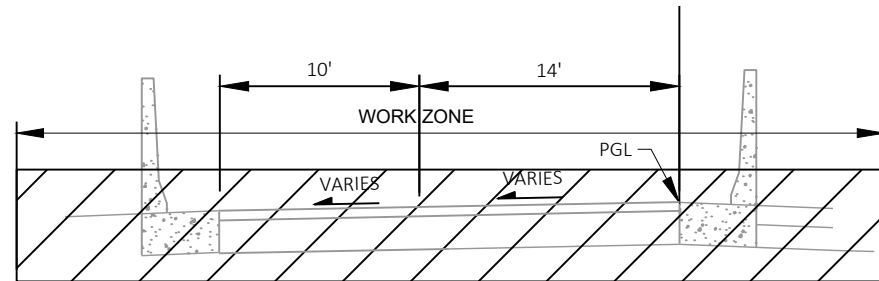
IH 94 EB INSIDE LANES
 B-40-038 (YOUNT DR)
 B-40-039 (NW RAMP)
 B-40-041 (STH 175)



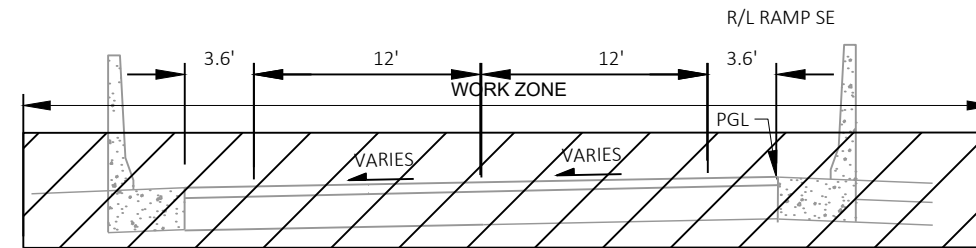
IH 94 EB
 B-40-046 (N GENERAL MITCHELL
 BLVD)



44TH ST
 B-40-049-003
 CONCRETE SURFACE REPAIRS

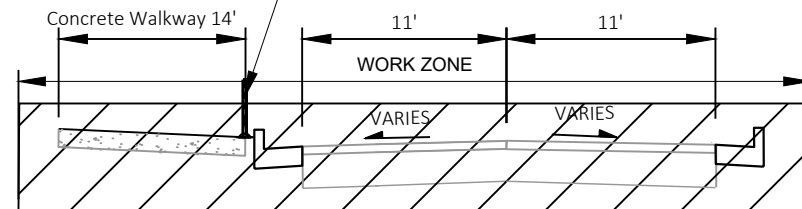


WN RAMP
B-40-039
CONCRETE SURFACE REPAIRS
COLUMN REPAIR
RAMP CLOSED DURING NIGHTTIME HOURS ONLY

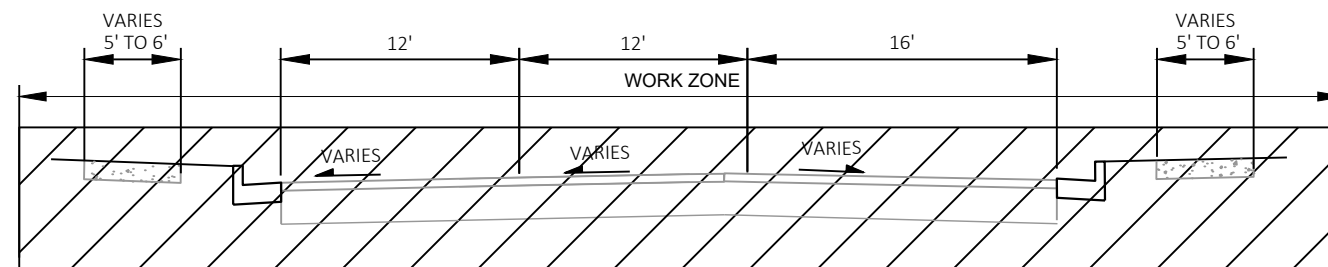


NE RAMP
B-40-049-001
B-40-049-002
B-40-049-003
CONCRETE SURFACE REPAIRS
RAMP CLOSED DURING NIGHTTIME HOURS ONLY

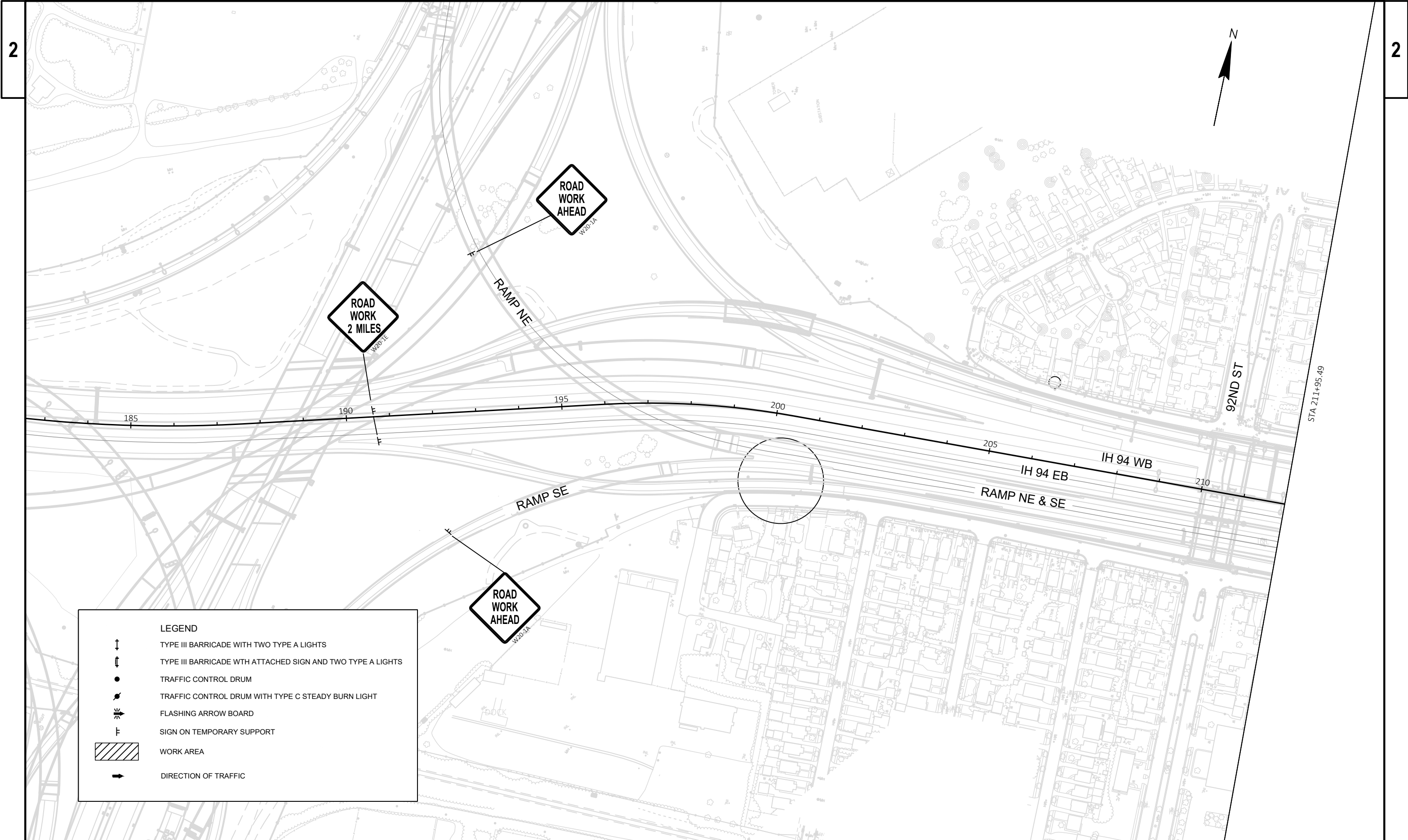
METAL LINKED FENCE FOR PEDESTRIAN WALK



YOUNT DR
B-40-038
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME HOURS ONLY



N GENERAL MITCHELL BLVD
B-40-046
CONCRETE SURFACE REPAIRS
BEARING REPLACEMENT
ROAD CLOSED DURING NIGHTTIME HOURS ONLY





STA 211+95.49

215

220

225

IH 94

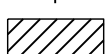
230

235

STH 181

STA 239+49.30

W ADLER ST



LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

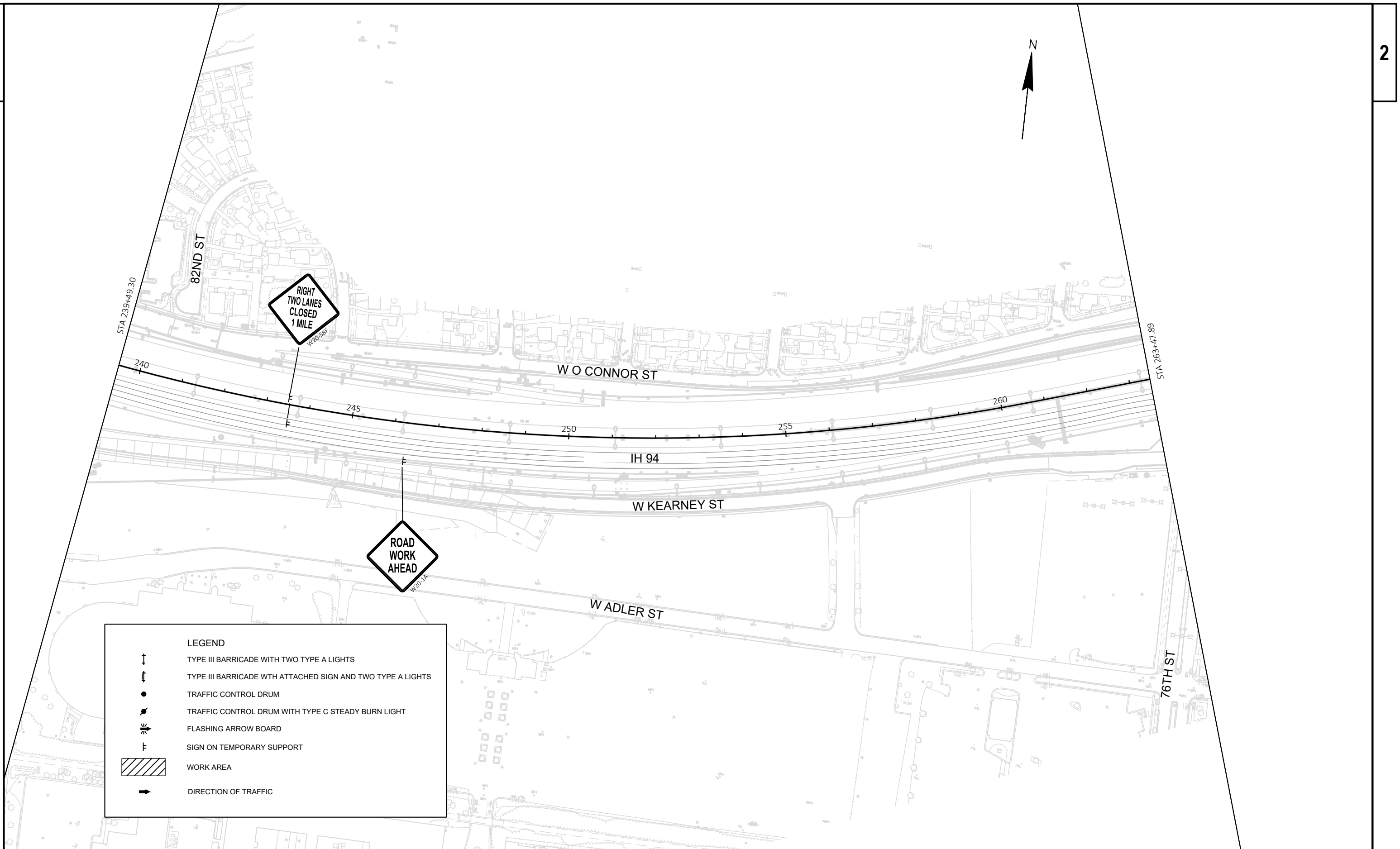
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC



PROJECT NO: 1060-11-73

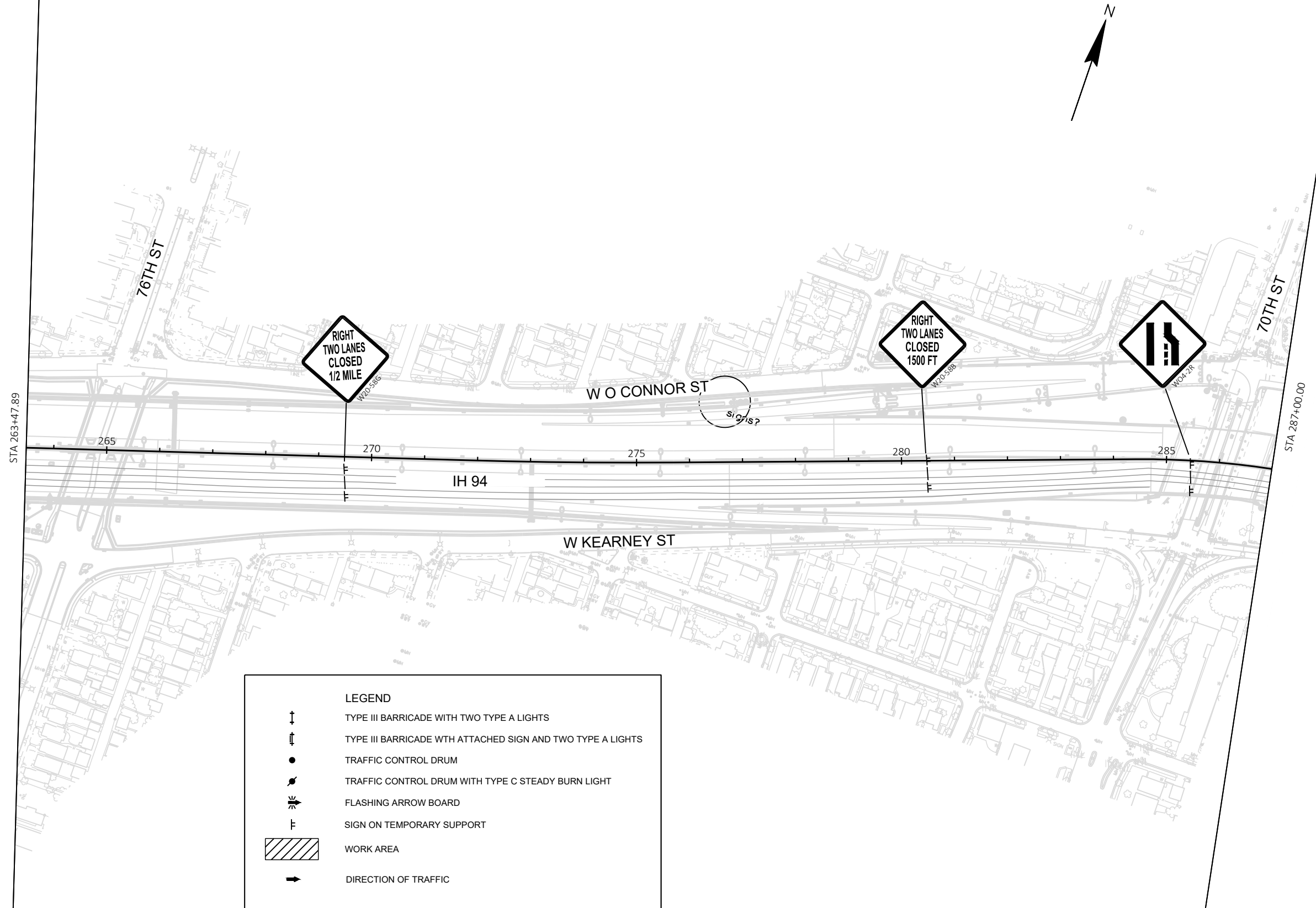
HWY: IH 94

COUNTY: MILWAUKEE

STAGE 2D - IH 94 EB INSIDE LANES

SHEET

E



PROJECT NO: 1060-11-73

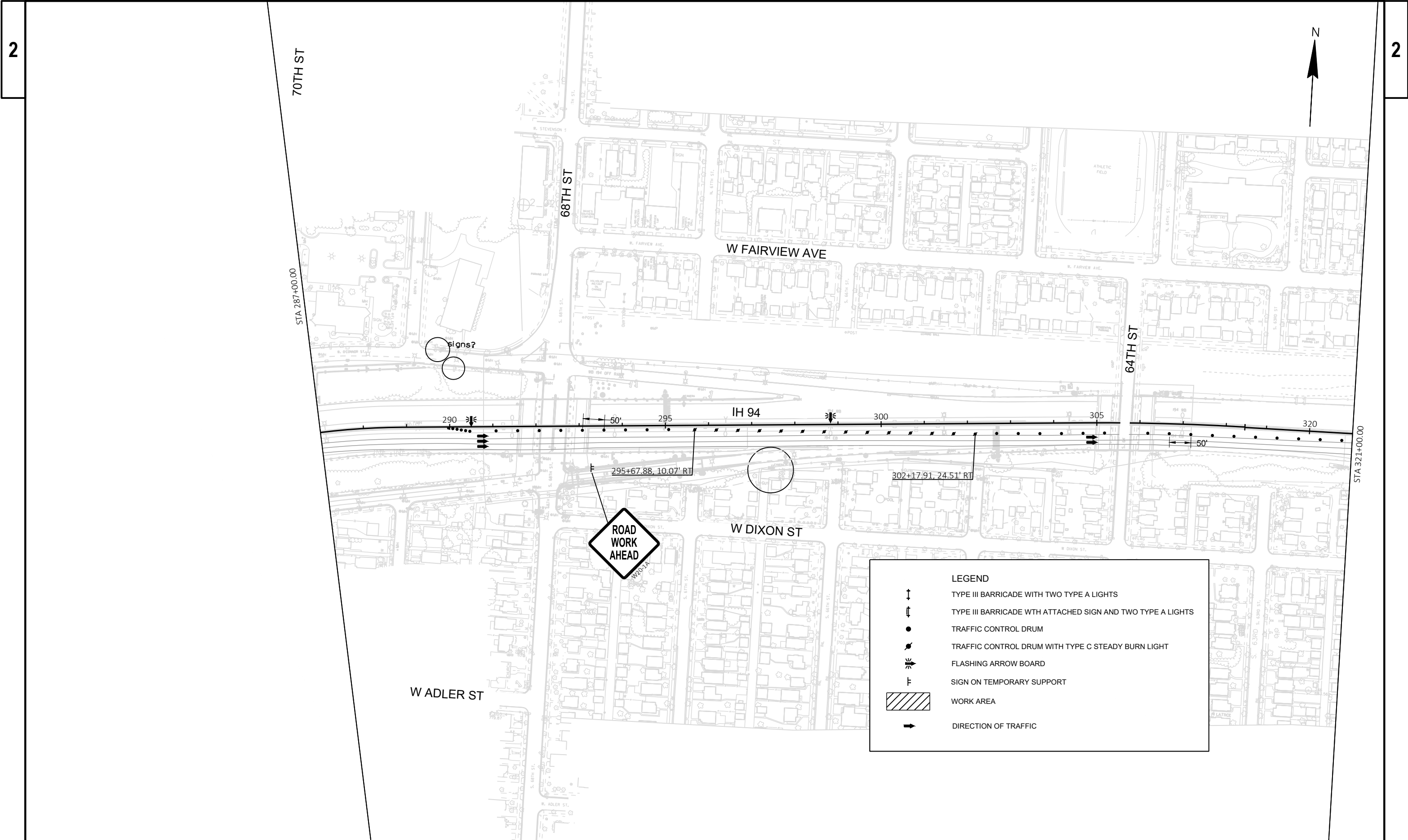
HWY: IH 94

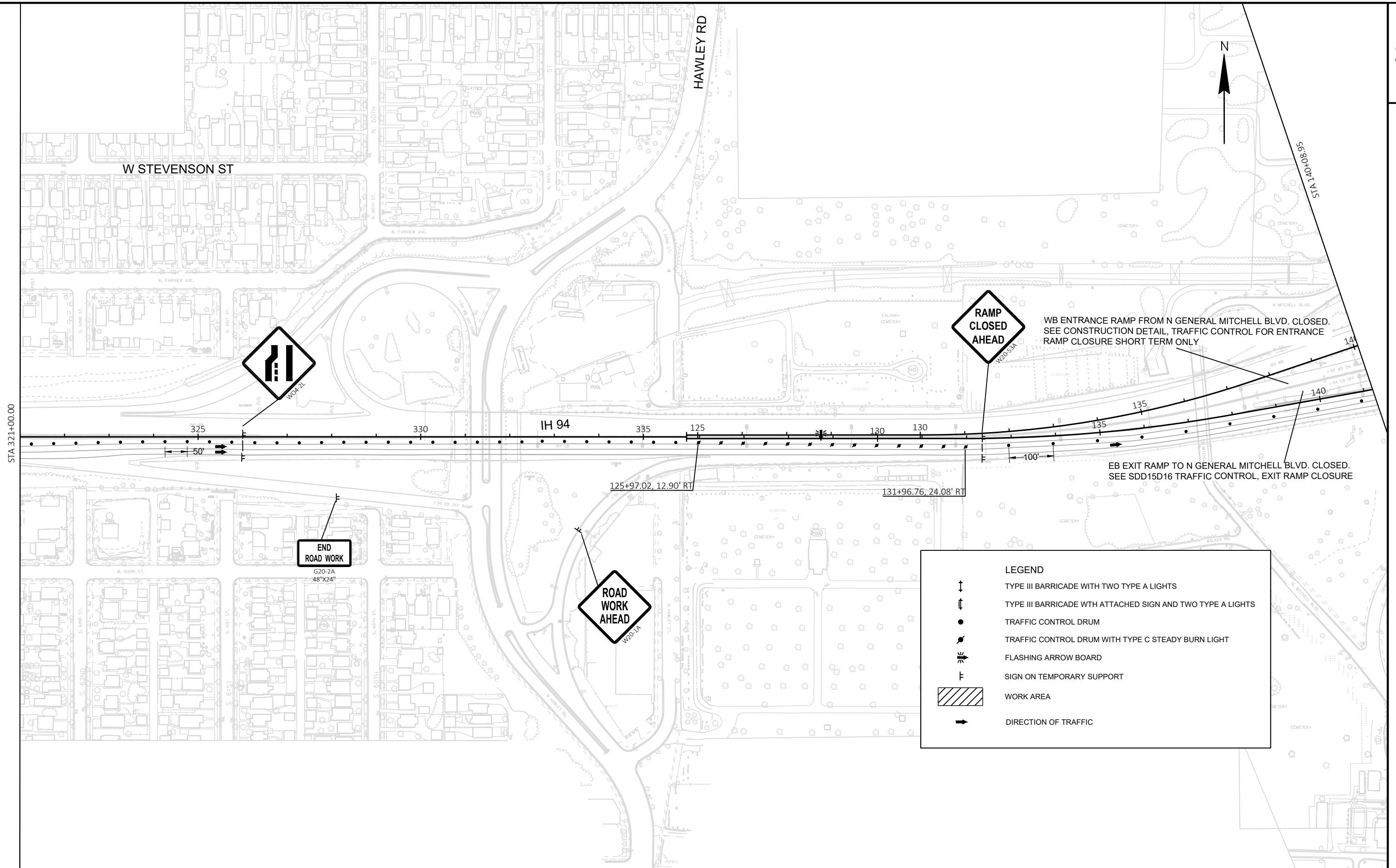
COUNTY: MILWAUKEE

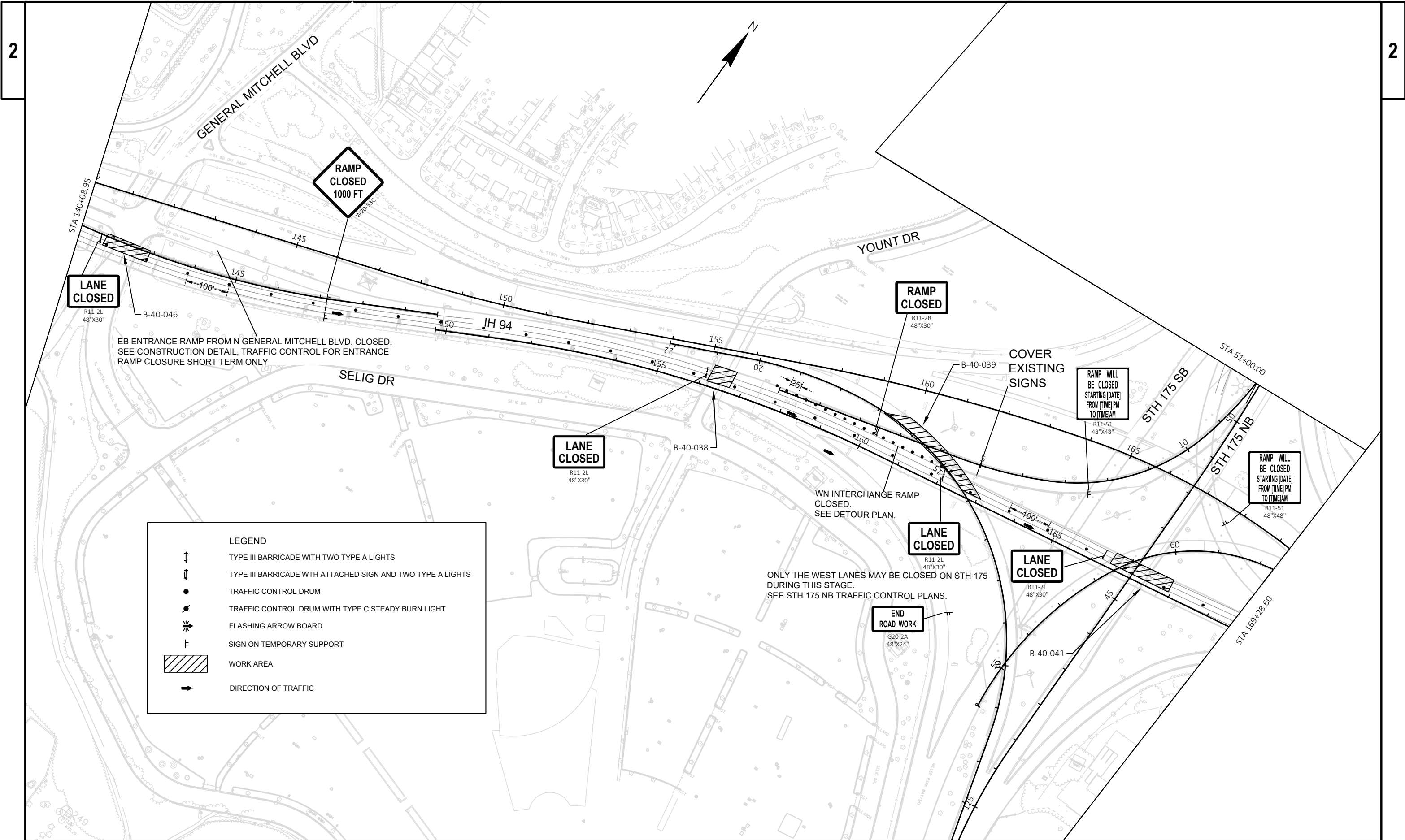
STAGE 2D - IH 94 EB INSIDE LANES

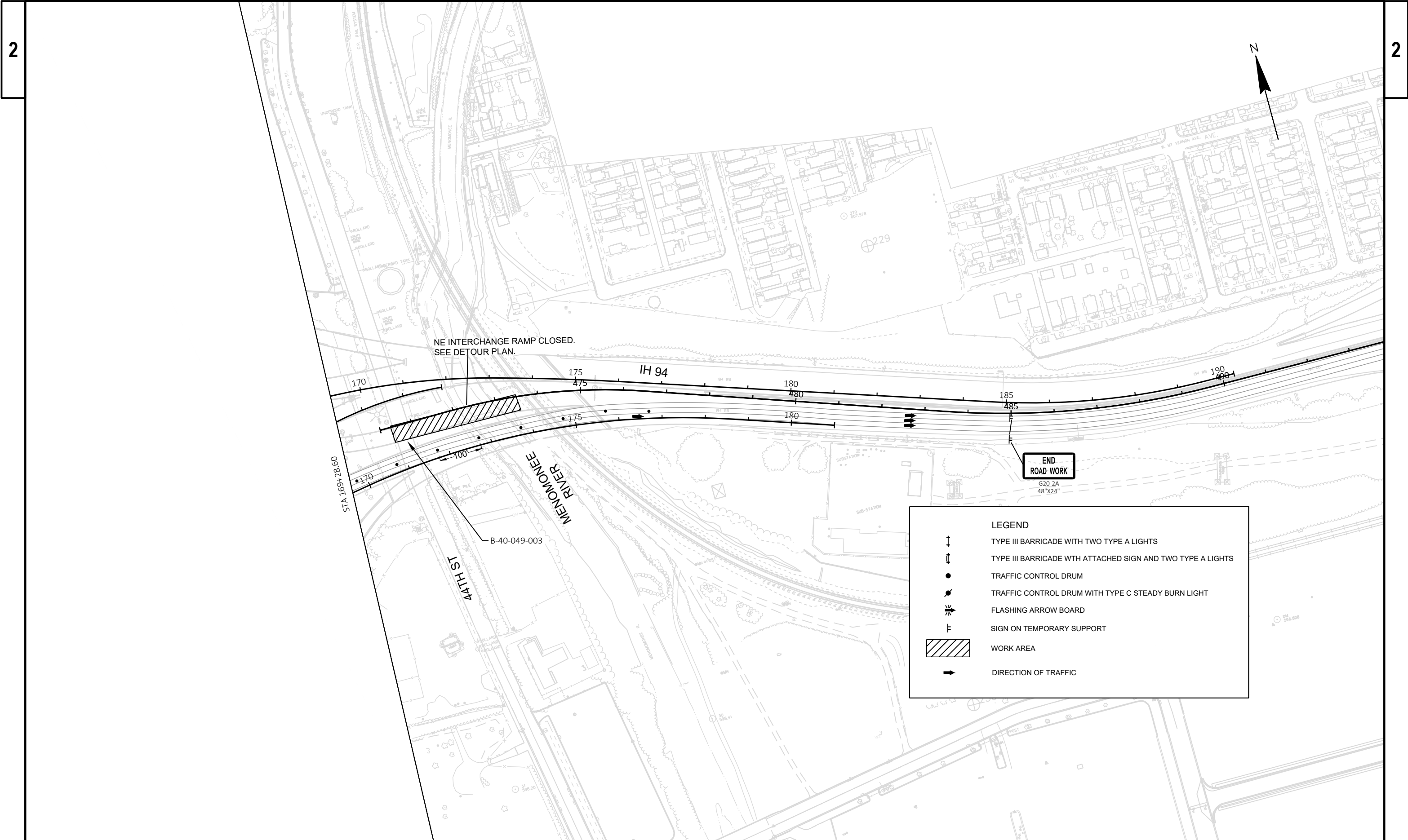
SHEET

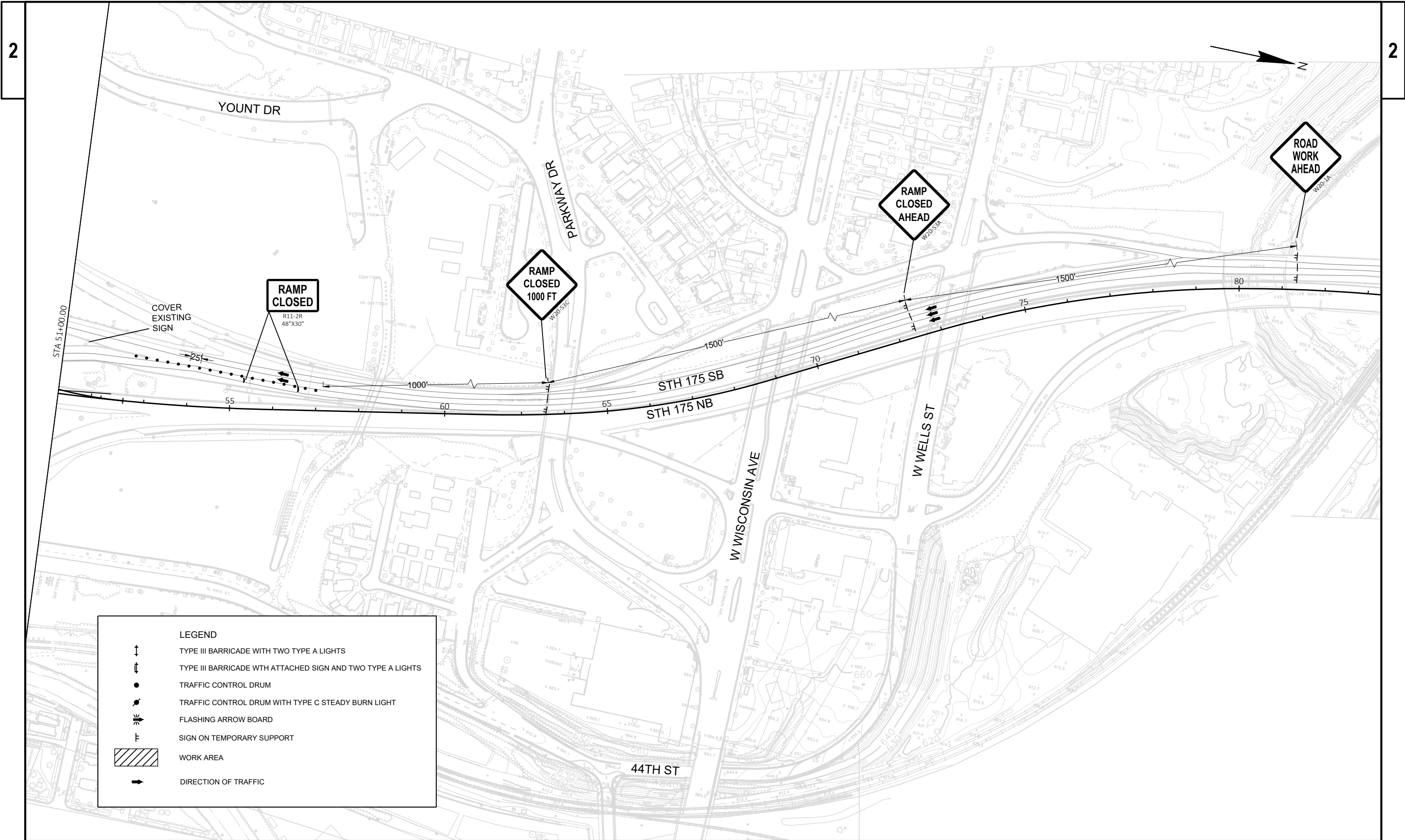
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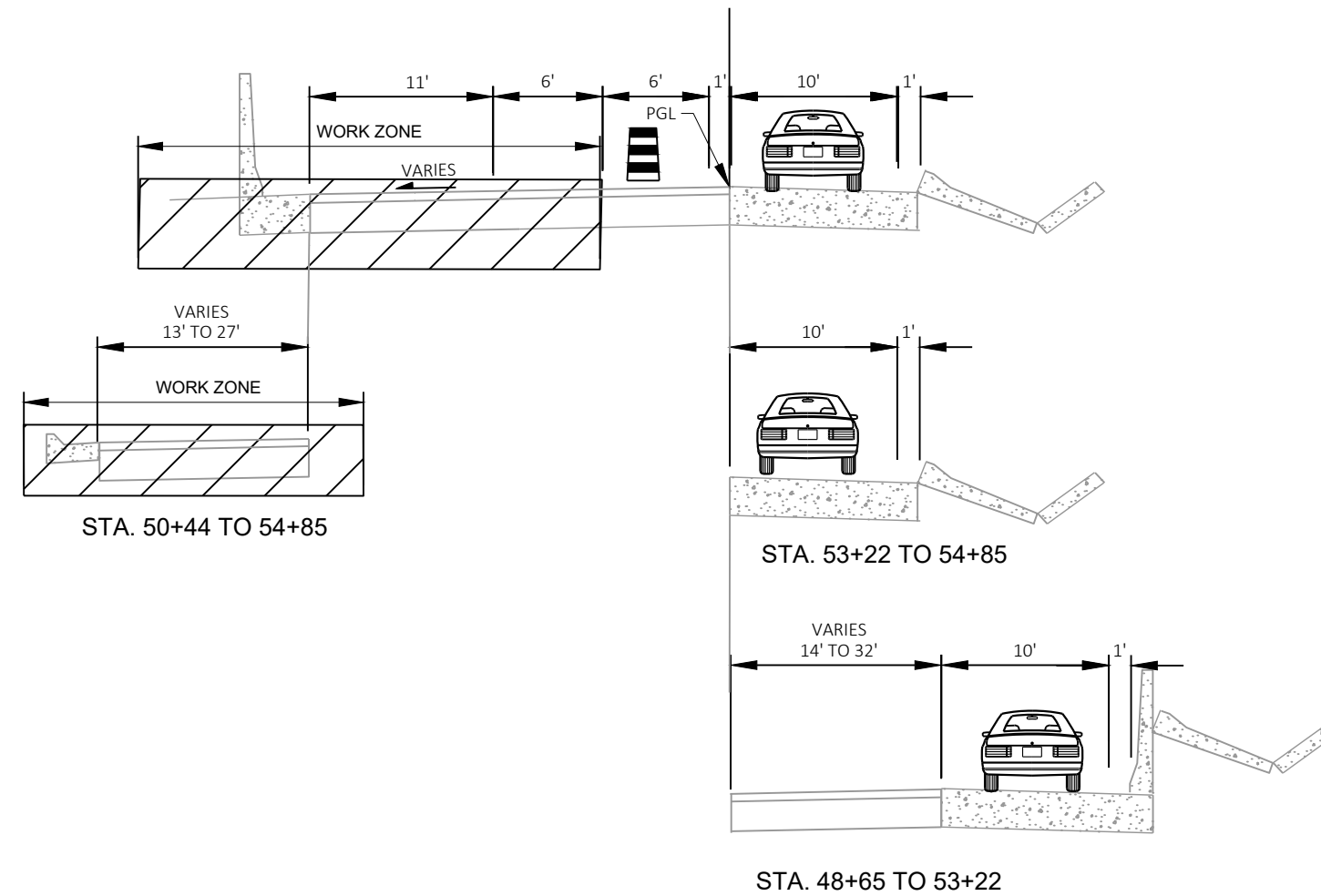




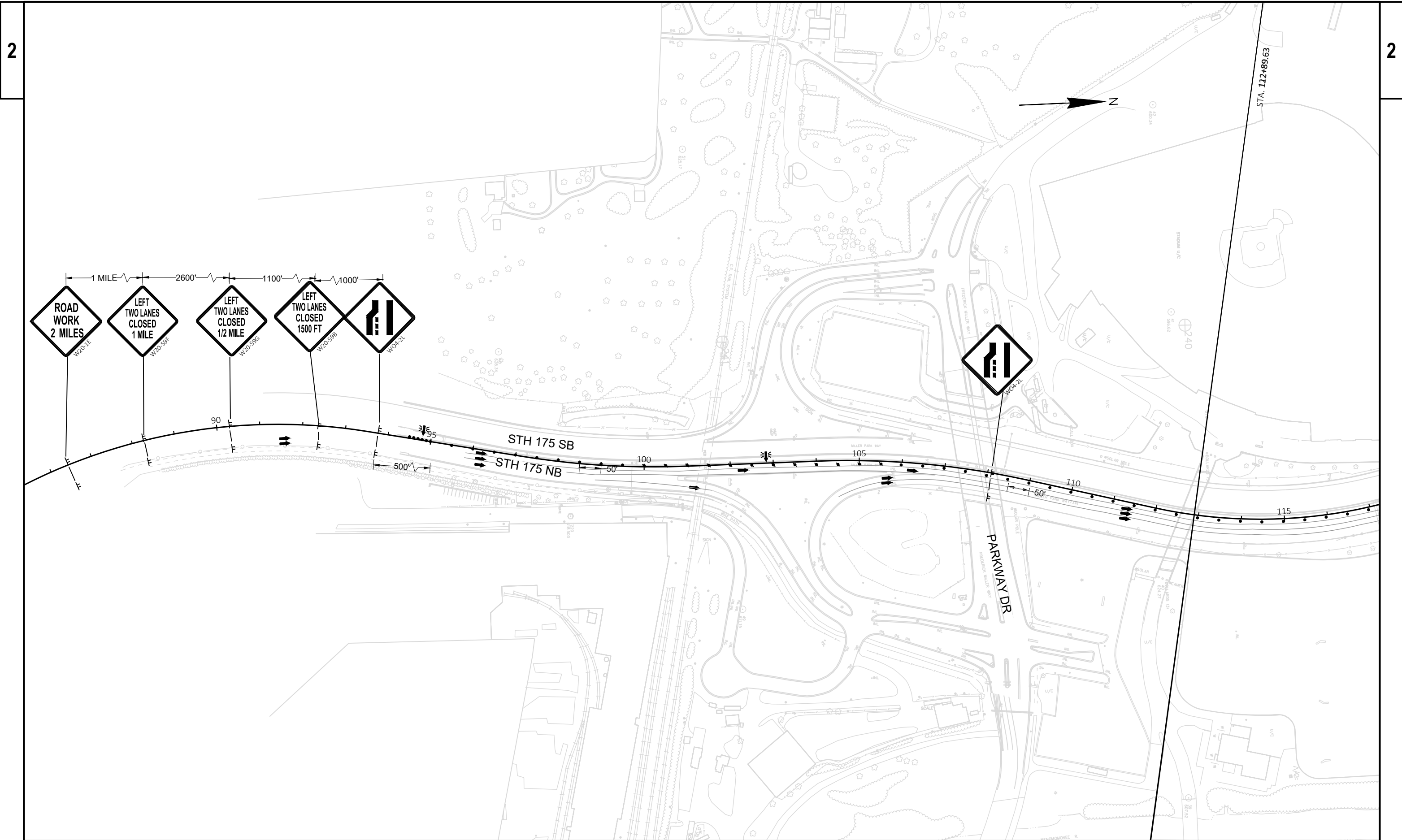


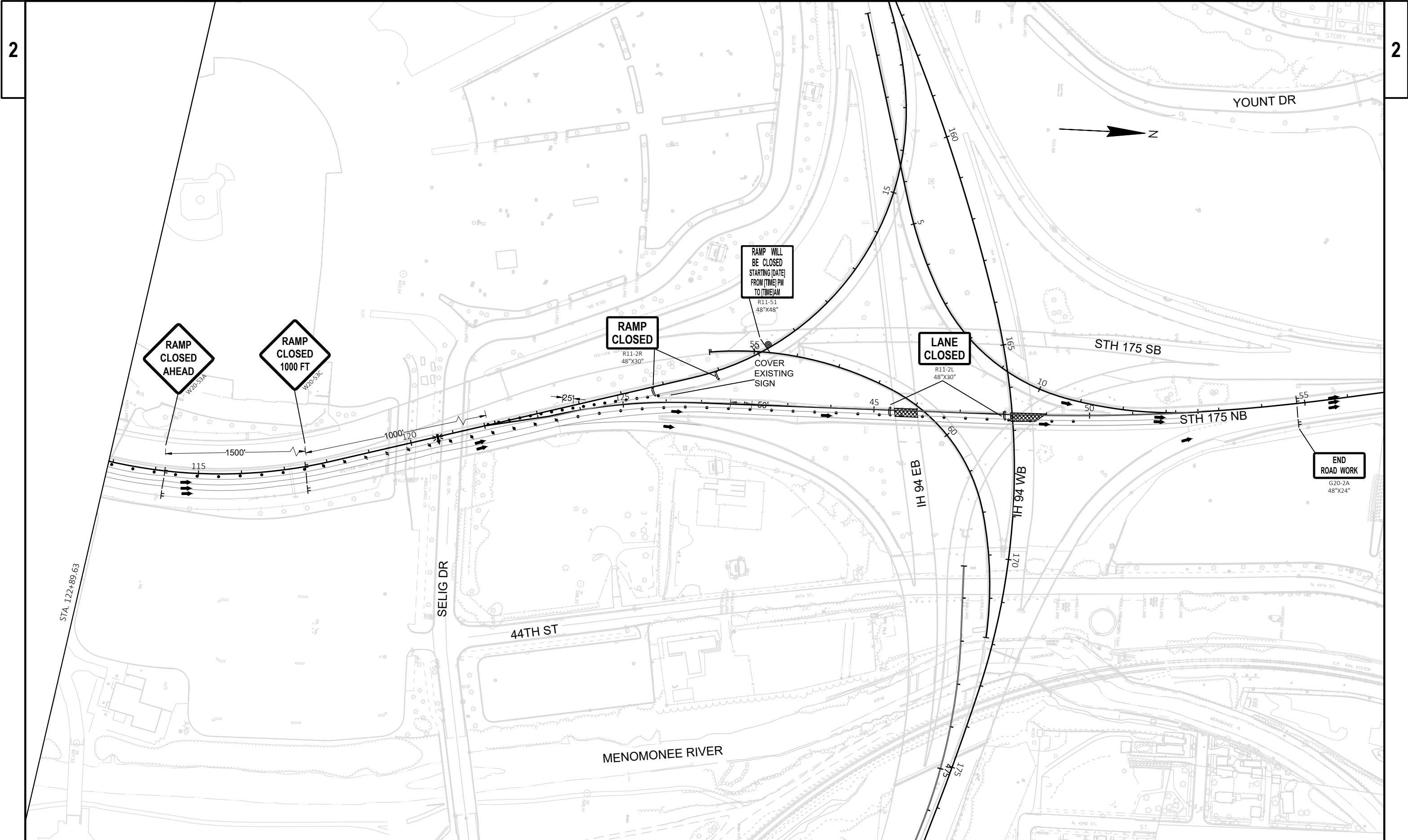




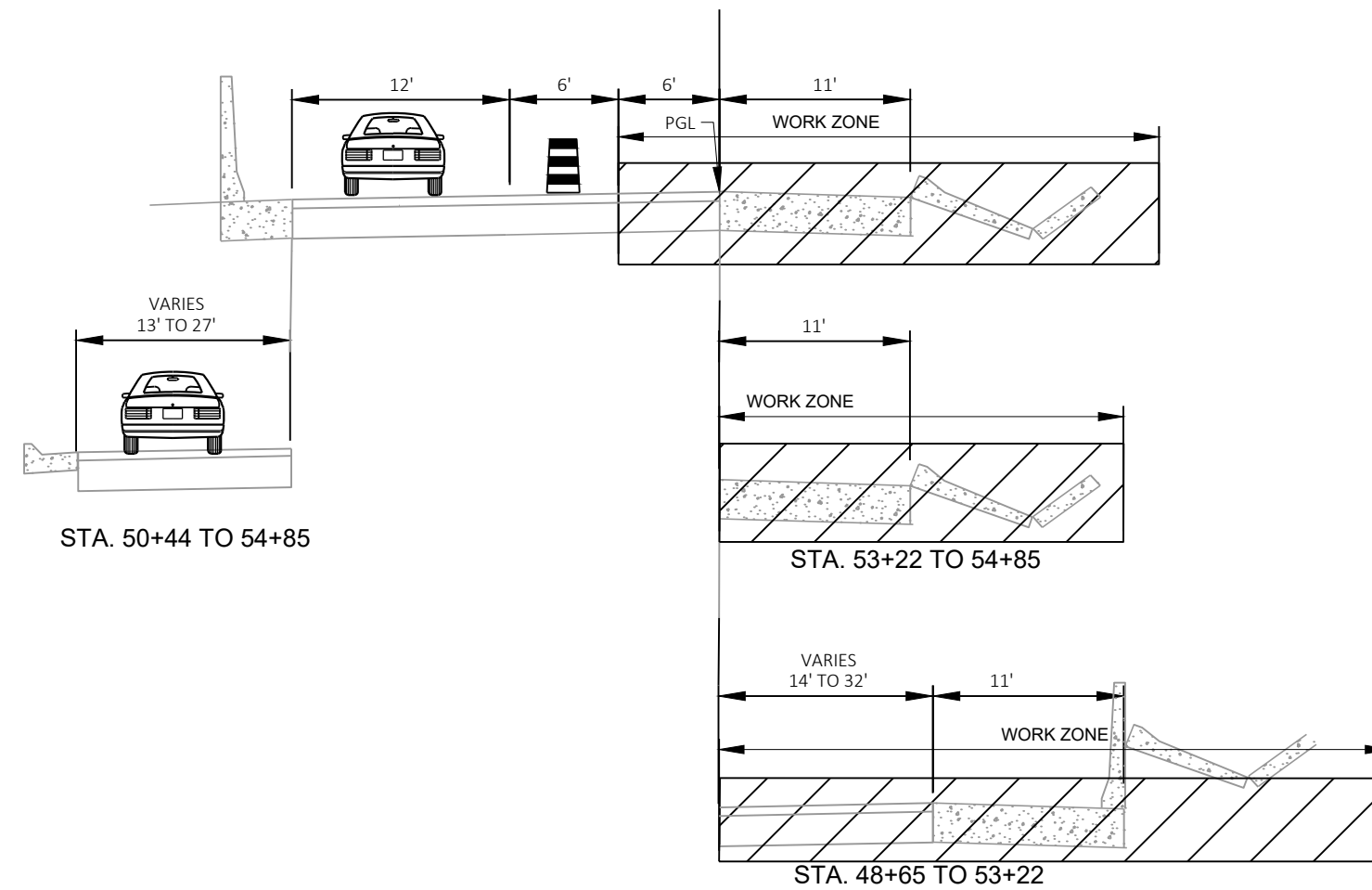


STH 175 NB WEST LANES
B-40-042 IH 94 WB
STA 43+18 TO 54+85

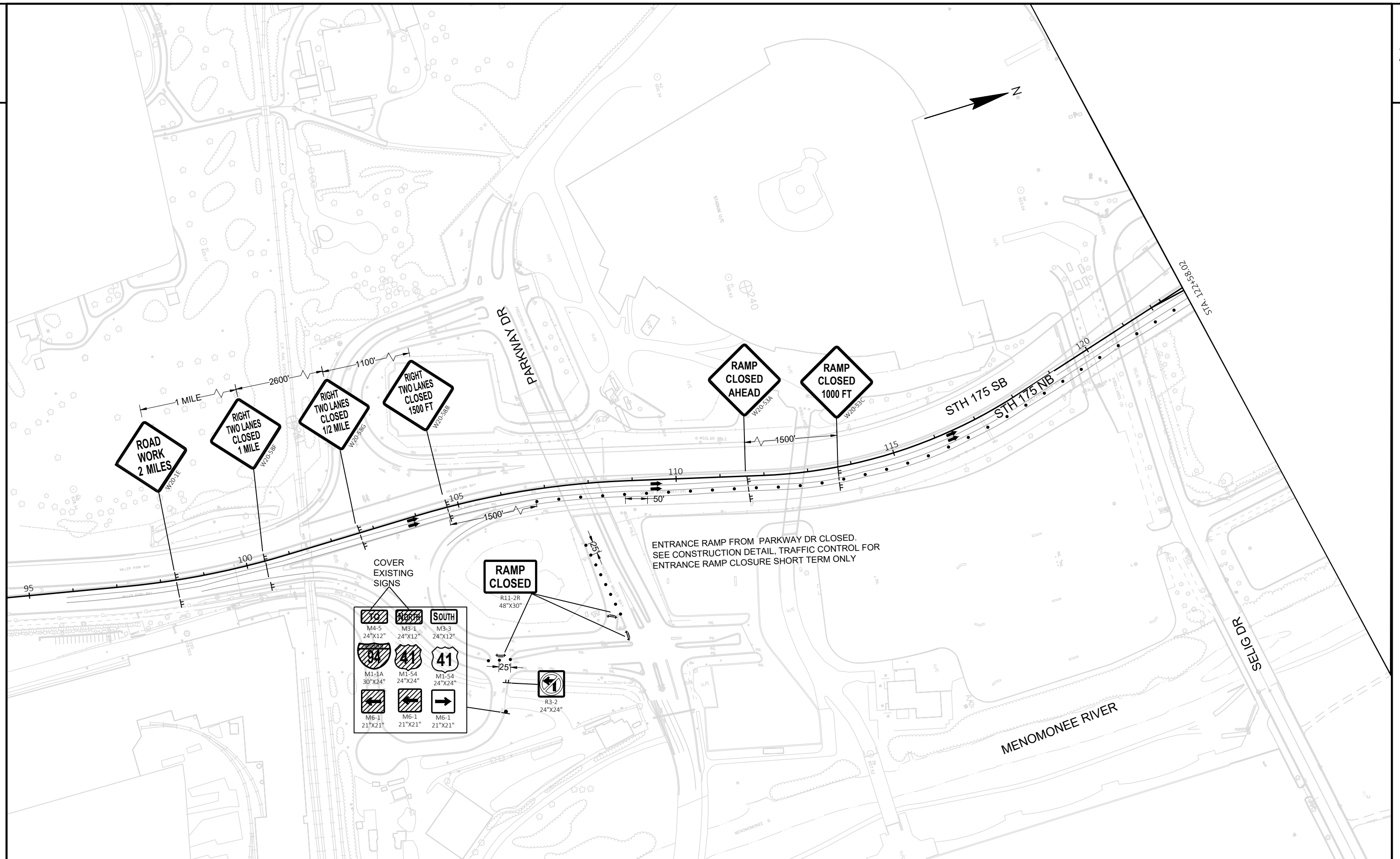




PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 2E - STH 175 NB WEST LANES	SHEET	E
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STH 175 NB EAST LANES
B-40-042 IH 94 WB
STA 43+18 TO 54+85



PROJECT NO: 1060-11-73

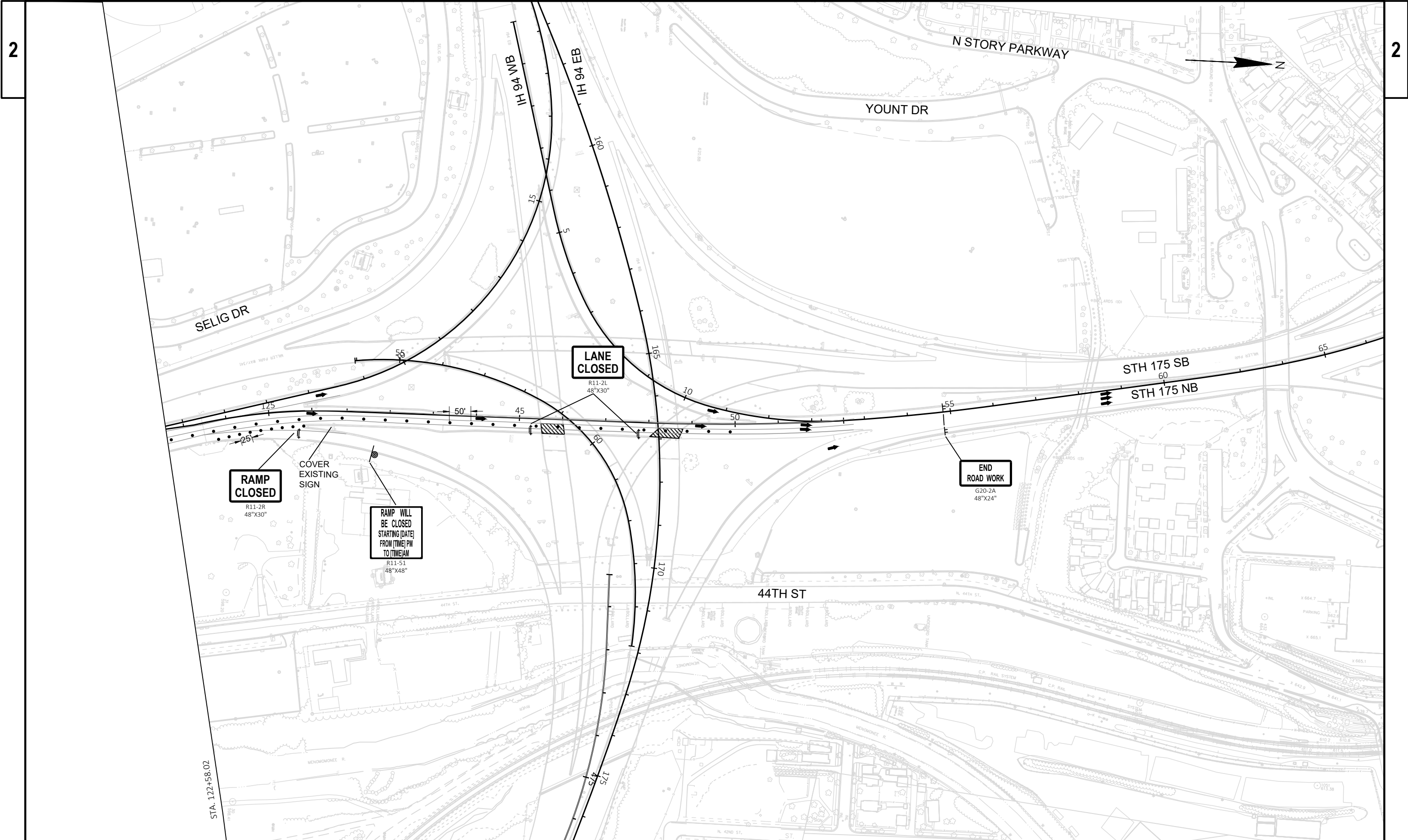
HWY: IH 94

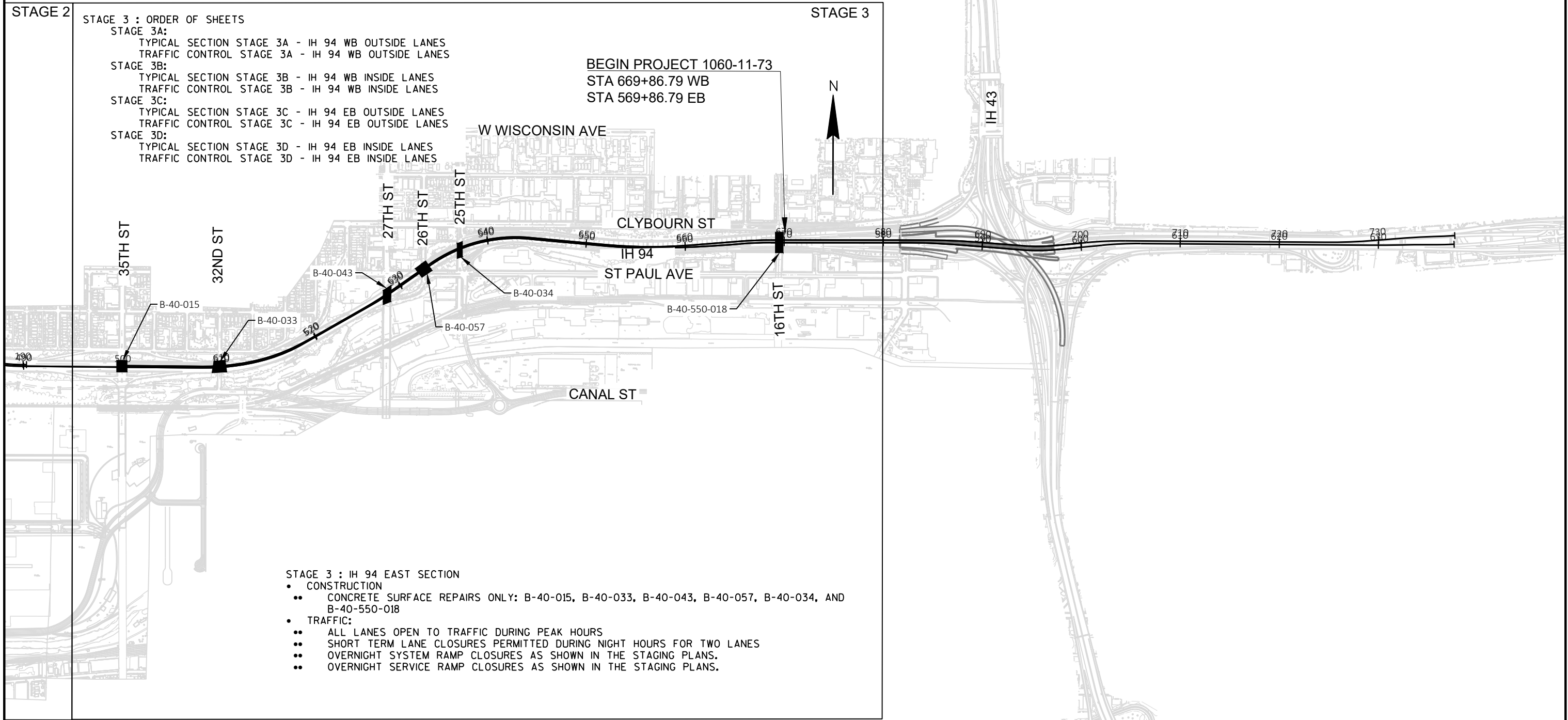
COUNTY: MILWAUKEE

STAGE 2F - STH 175 NB EAST LANES

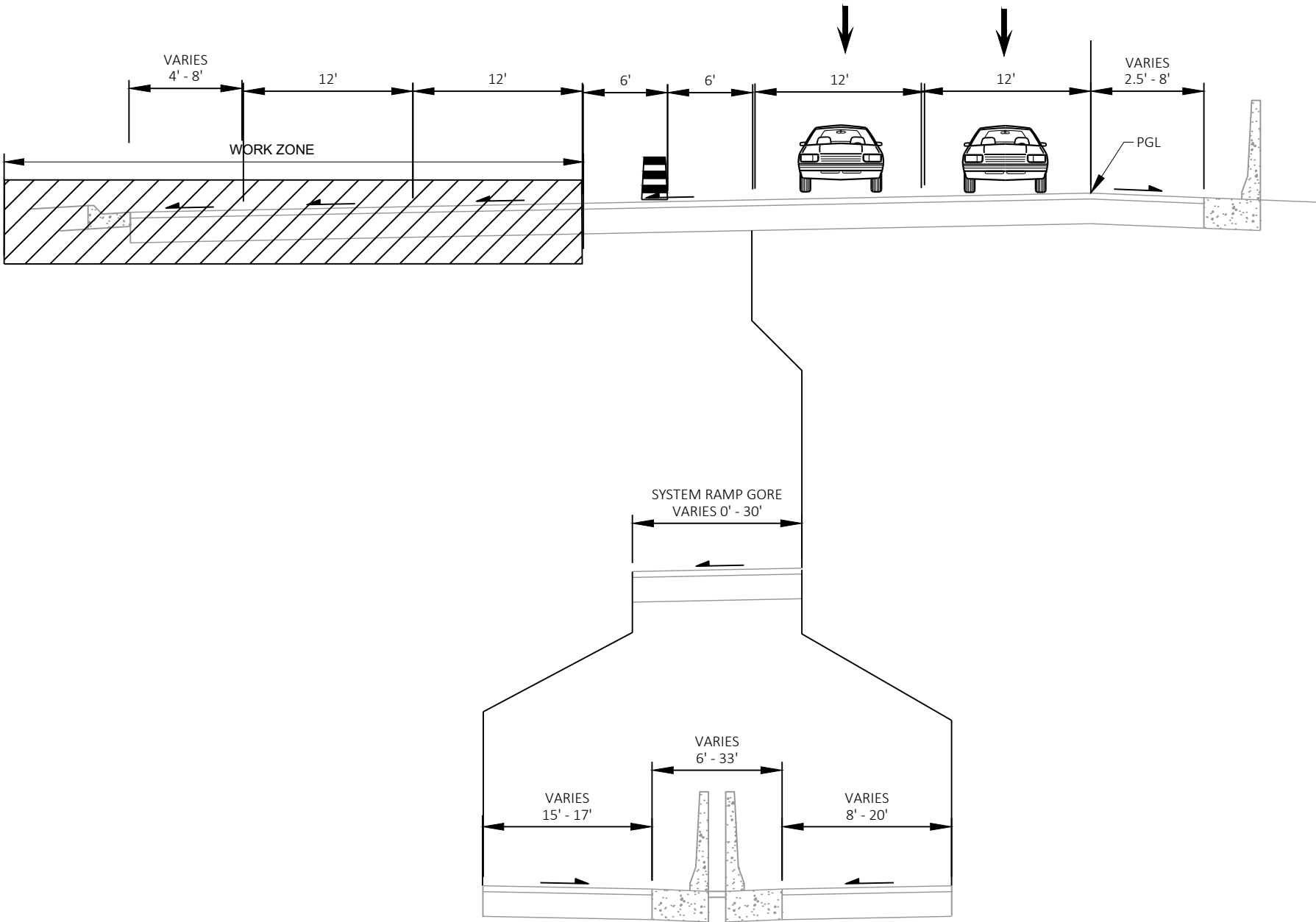
SHEET

E

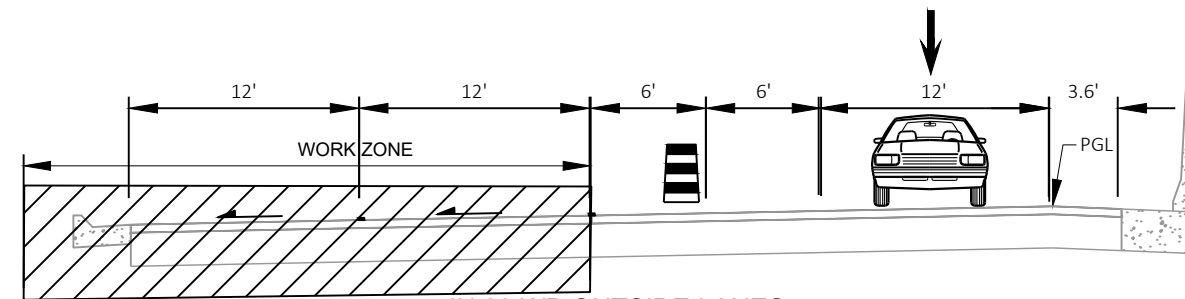




PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 3 - IH 94 EAST SEGMENT	SHEET	E
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IH 94 WB OUTSIDE LANES
B-40-550-018 (16TH ST)
STA. 656W+25 TO STA. 681W+53



IH 93 WB OUTSIDE LANES

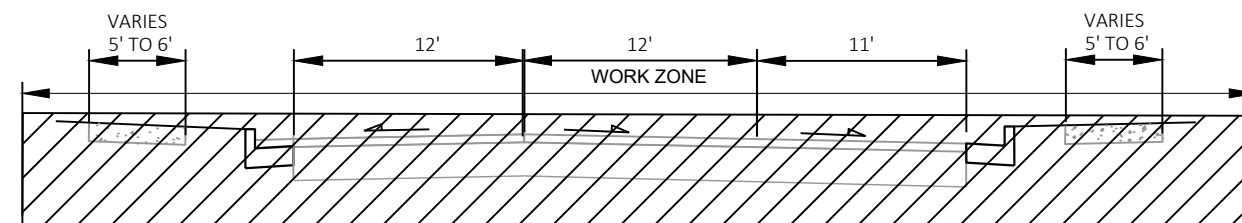
STRUCTURES:

B-40-034 (25TH ST)

B-40-057 (26TH ST)

B-40-043 (27TH ST)

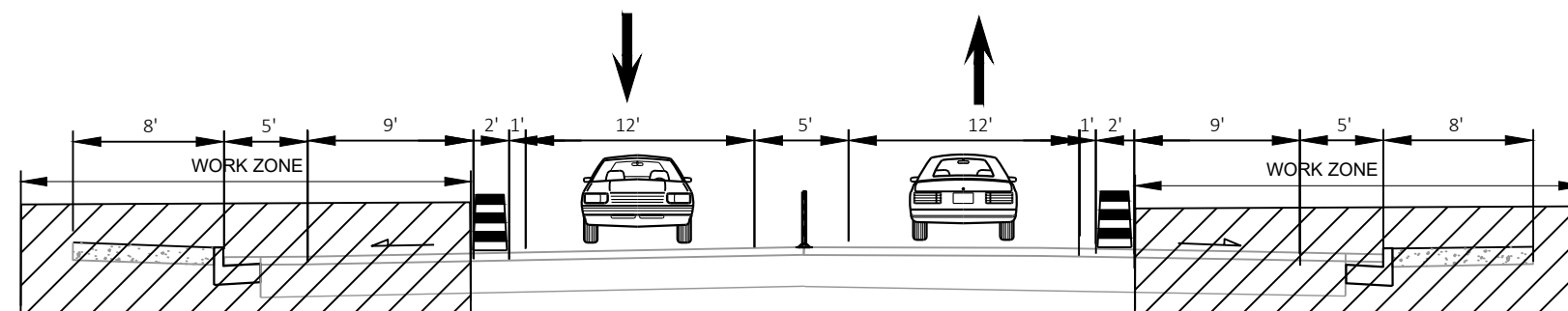
B-40-015 (35TH ST)



32ND ST UNDER BRIDGE

B-40-033

CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME
HOURS ONLY



27TH ST ON BRIDGE

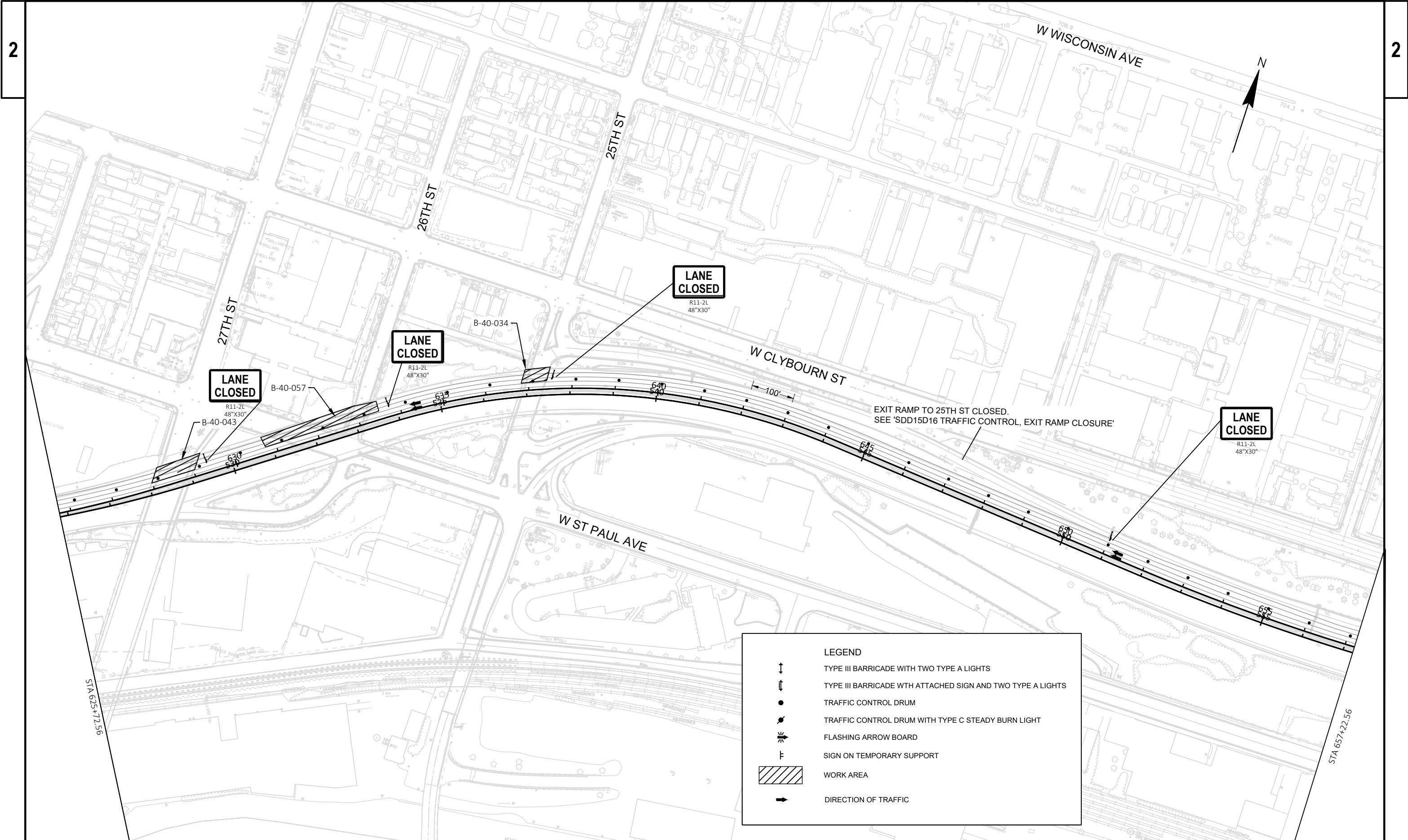
B-40-043

CONCRETE SURFACE REPAIRS

27TH ST WILL BE STAGED WITH WORK OCCURRING ON ONLY ONE SIDE OF THE ROAD CLOSING AT A TIME TO ALLOW PEDESTRIAN TRAFFIC TO BE DIVERTED AS PER SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION FOR MID-BLOCK SIDE WALK CLOSURE SIGNING.

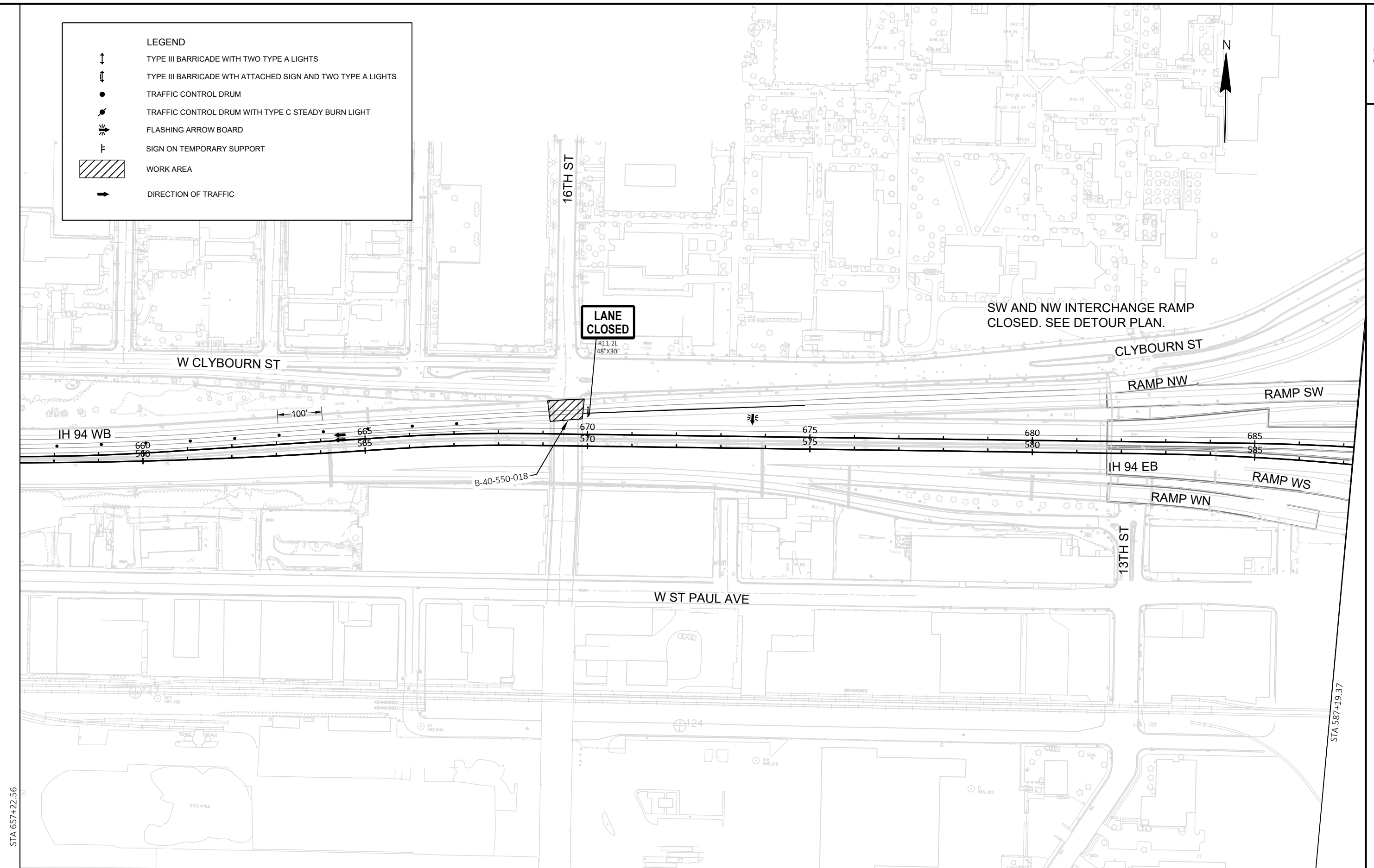
BOTH SIDE OF THE SIDE WALK ON 27TH ST SHALL NOT BE CLOSED AT THE SAME TIME.





LEGEND

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC



PROJECT NO: 1060-11-73

HWY: IH 94

COUNTY: MILWAUKEE

STAGE 3A - IH 94 WB OUTSIDE LANES

SHEET

E

FILE NAME : N:\PDS\CD\10601103\SHEETPLAN\TC\025101_TC_EAST_SECTION_WB_OUT.DWG
LAYOUT NAME - 026206_s3

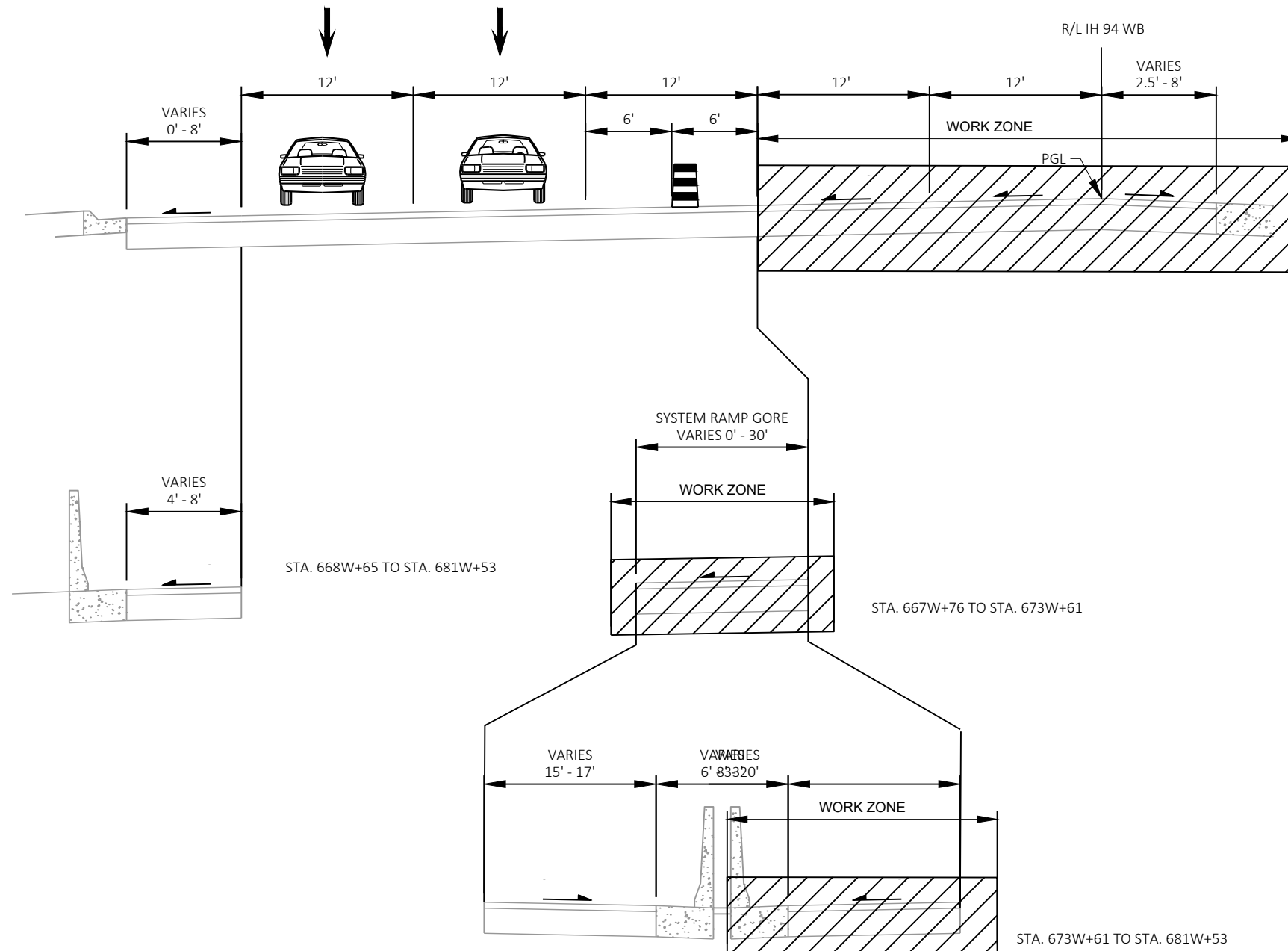
PLOT DATE : 11/8/2019 8:55 AM

PLOT BY : MERLINE, HILARY ANN

PLOT NAME :

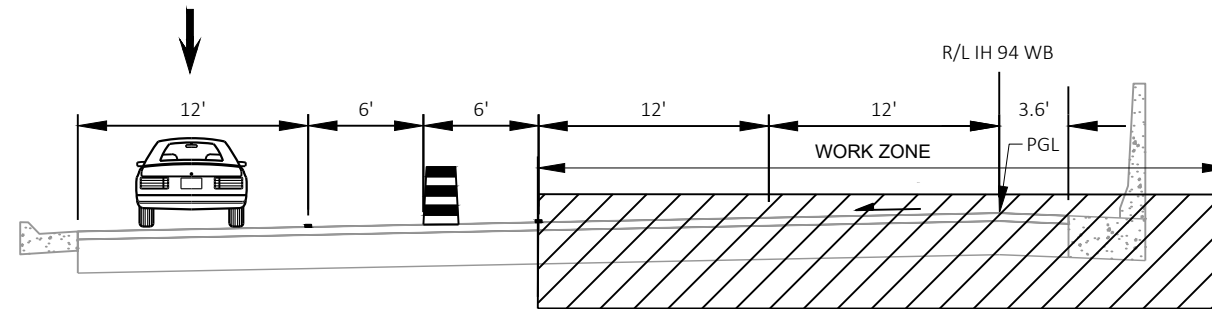
PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 42



IH 94 WB INSIDE LANES
B-40-550-018 (16TH ST)
STA. 656W+25 TO STA. 681W+53

NOTE:
 TYPICAL SECTIONS DO NOT REFLECT ALL DIFFERENCES IN
 EXISTING CONDITIONS BEYOND EXISTING SHOULDERS.



IH 93 WB INSIDE LANES

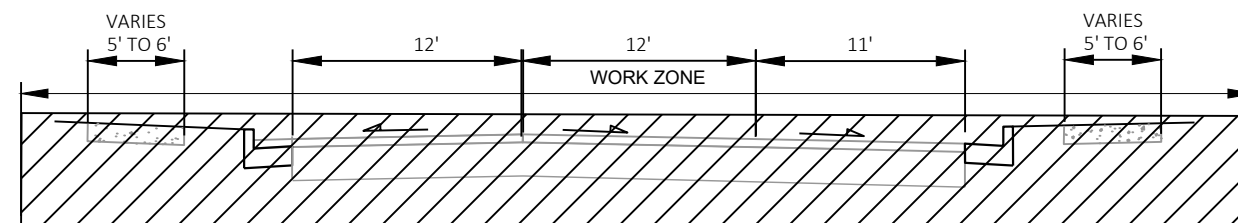
STRUCTURES:

B-40-034 (25TH ST)

B-40-057 (26TH ST)

B-40-043 (27TH ST)

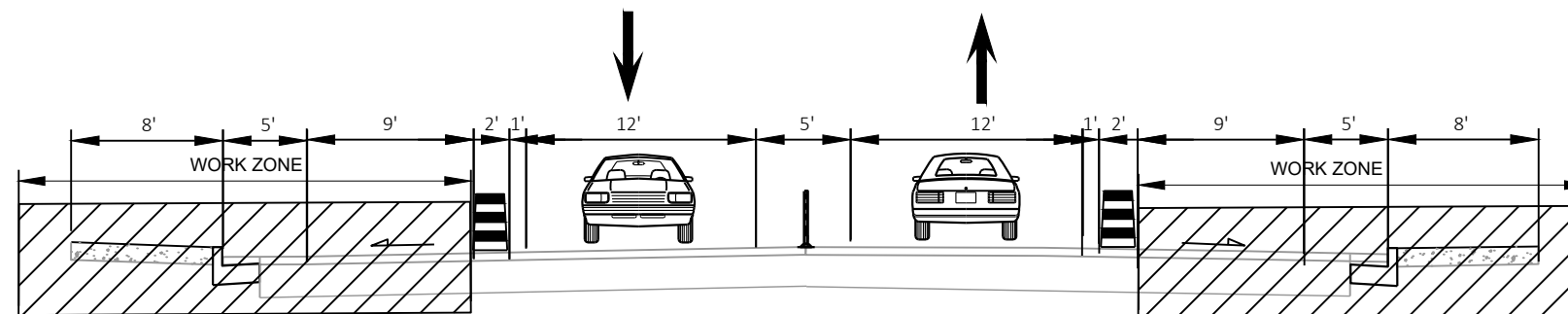
B-40-015 (35TH ST)



32ND ST UNDER BRIDGE

B-40-033

CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME
HOURS ONLY



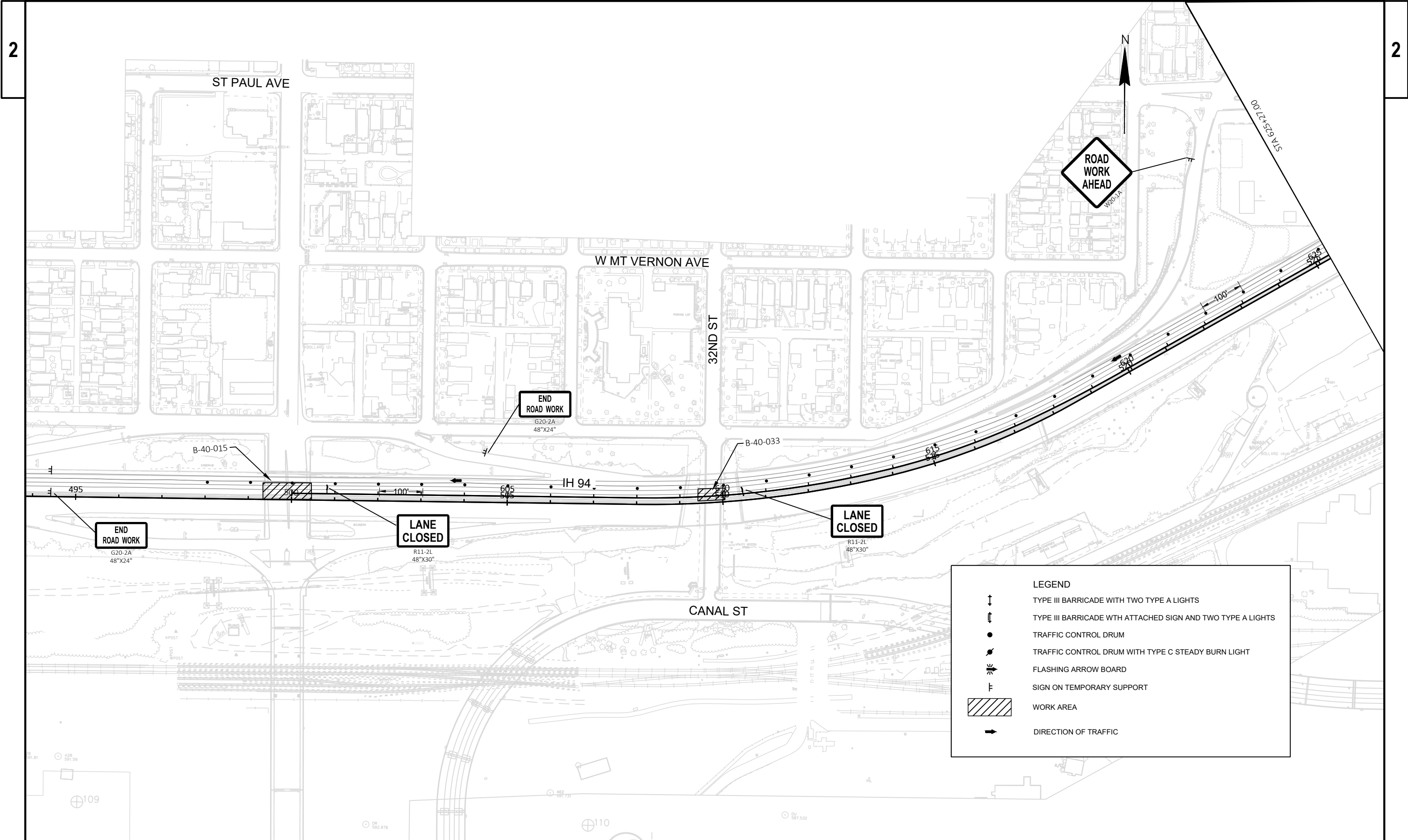
27TH ST ON BRIDGE

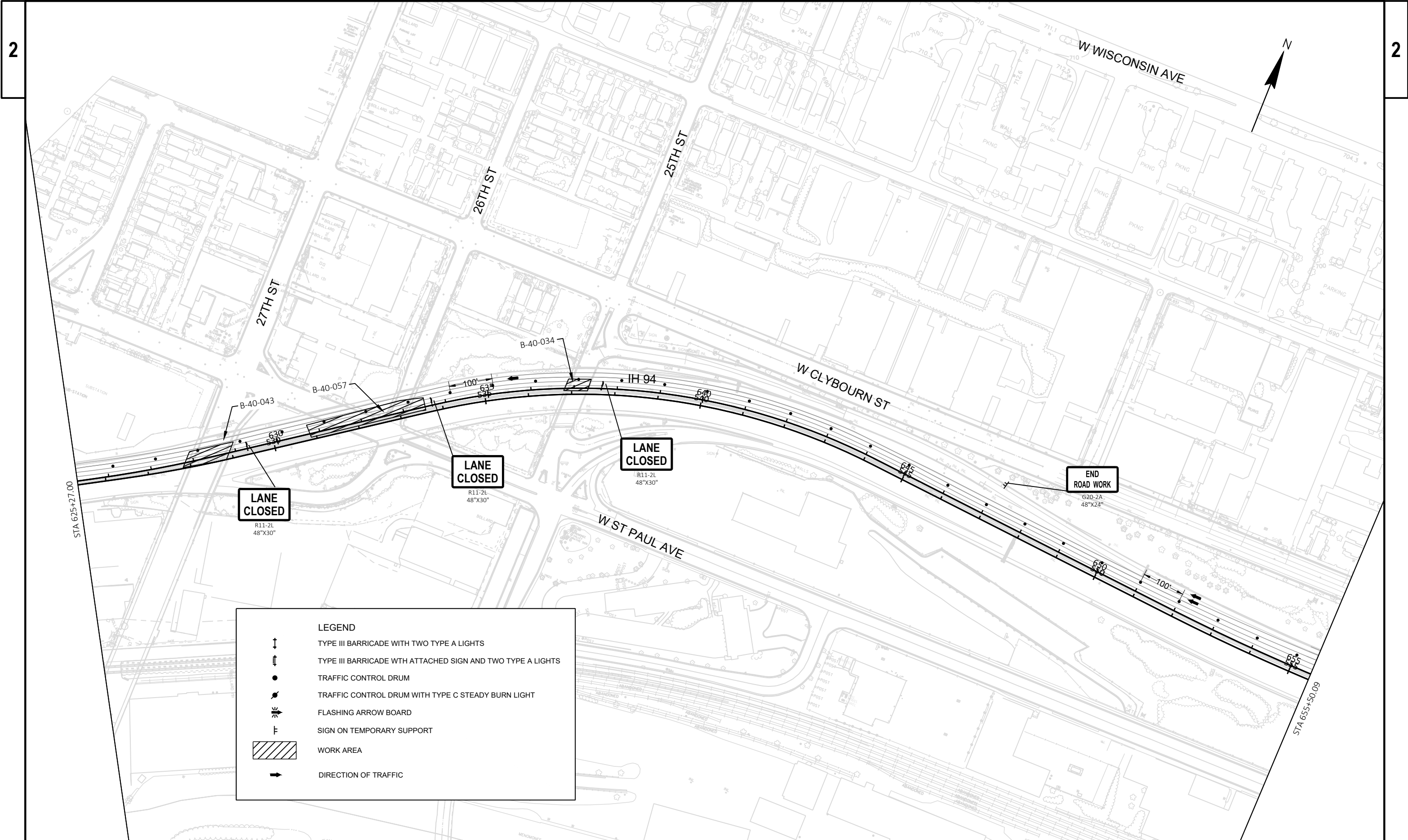
B-40-043

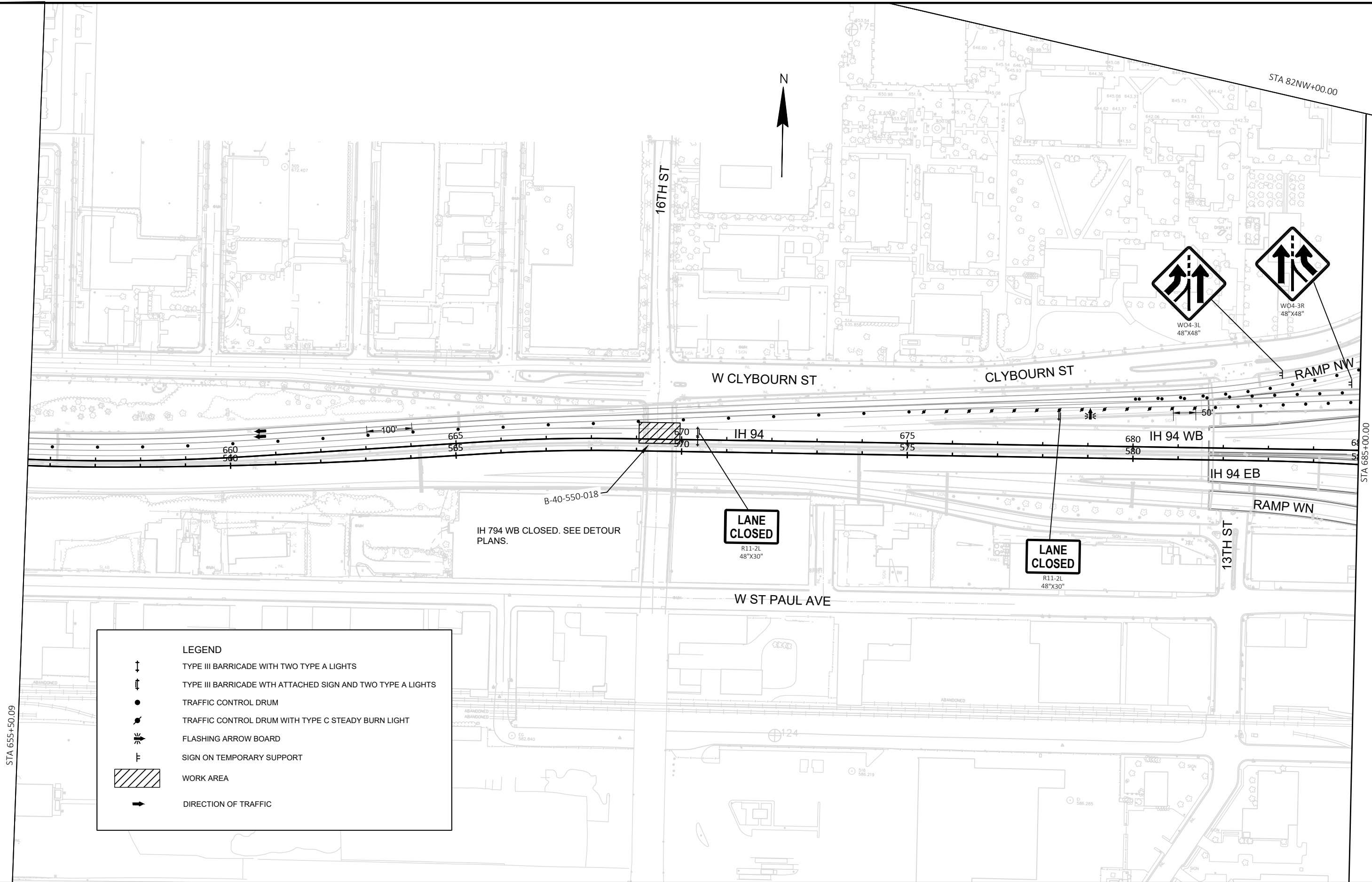
CONCRETE SURFACE REPAIRS

27TH ST WILL BE STAGED WITH WORK OCCURRING ON ONLY ONE SIDE OF THE ROAD CLOSING AT
A TIME TO ALLOW PEDESTRIAN TRAFFIC TO BE DIVERTED AS PER SDD TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION FOR MID-BLOCK SIDE WALK CLOSURE SIGNING.

BOTH SIDE OF THE SIDE WALK ON 27TH ST SHALL NOT BE CLOSED AT THE SAME TIME.

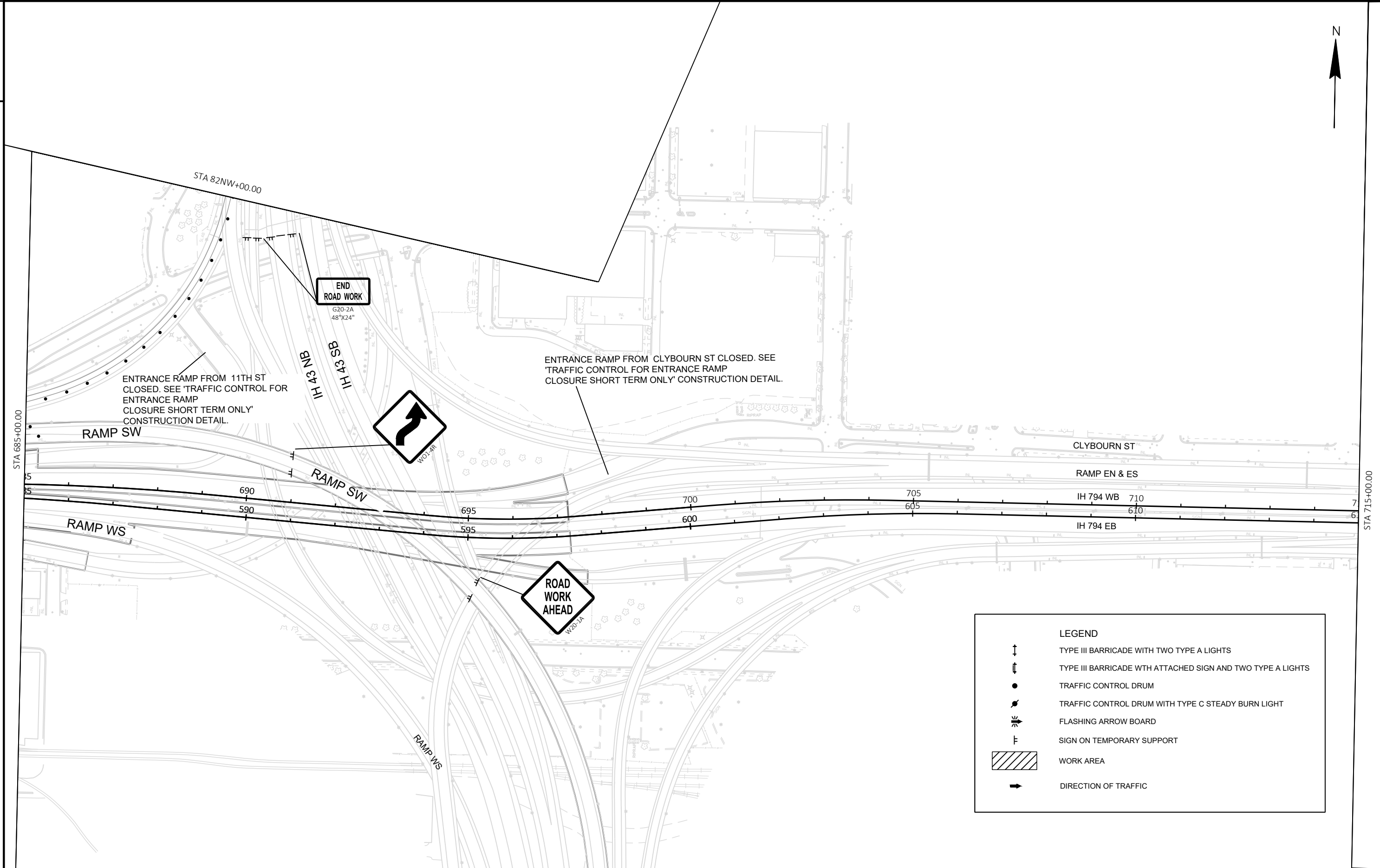






LEGEND

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC



LEGEND

TYPE III BARRICADE WITH TWO TYPE A LIGHTS

TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS

TRAFFIC CONTROL DRUM

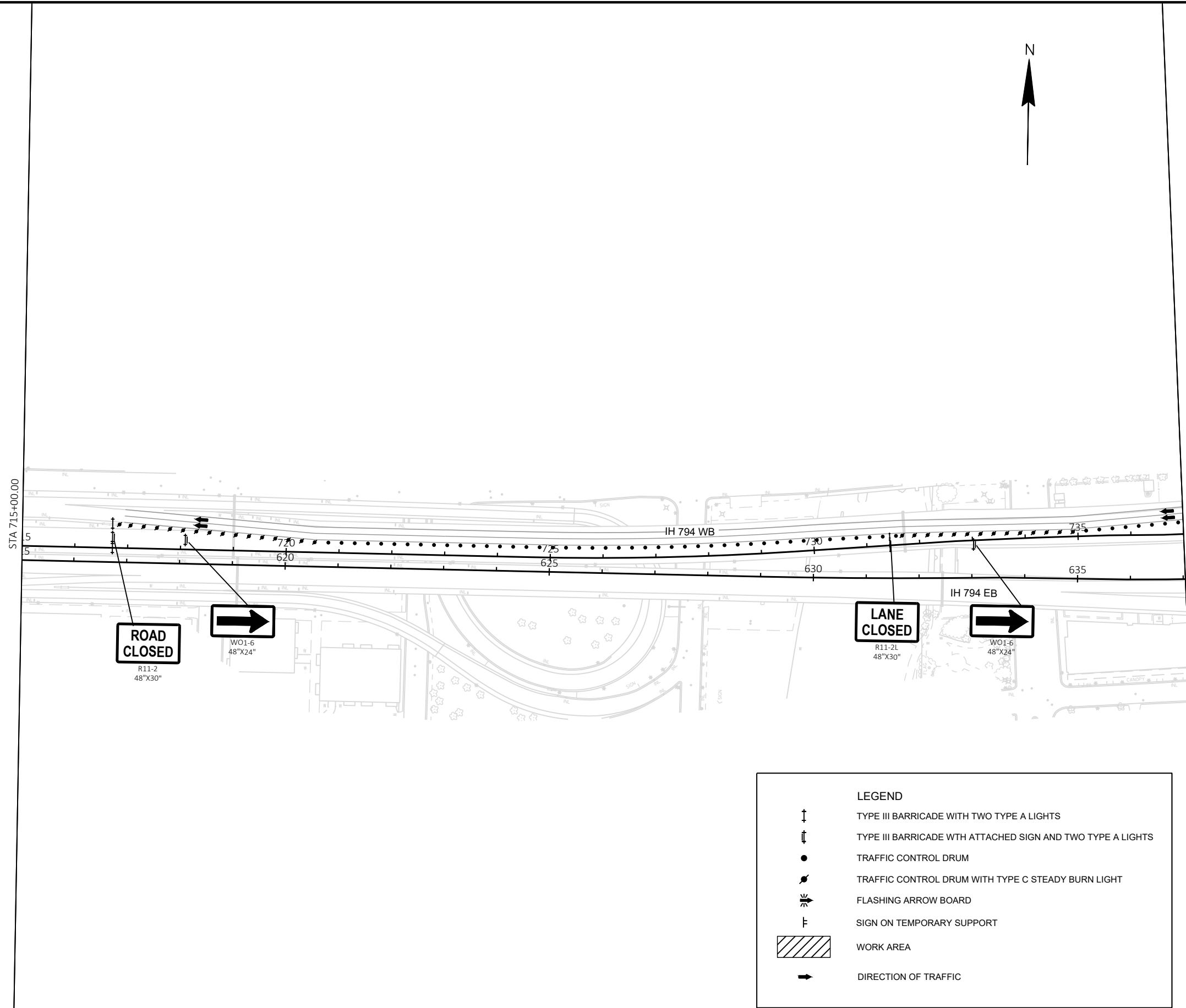
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

FLASHING ARROW BOARD

SIGN ON TEMPORARY SUPPORT

WORK AREA

DIRECTION OF TRAFFIC

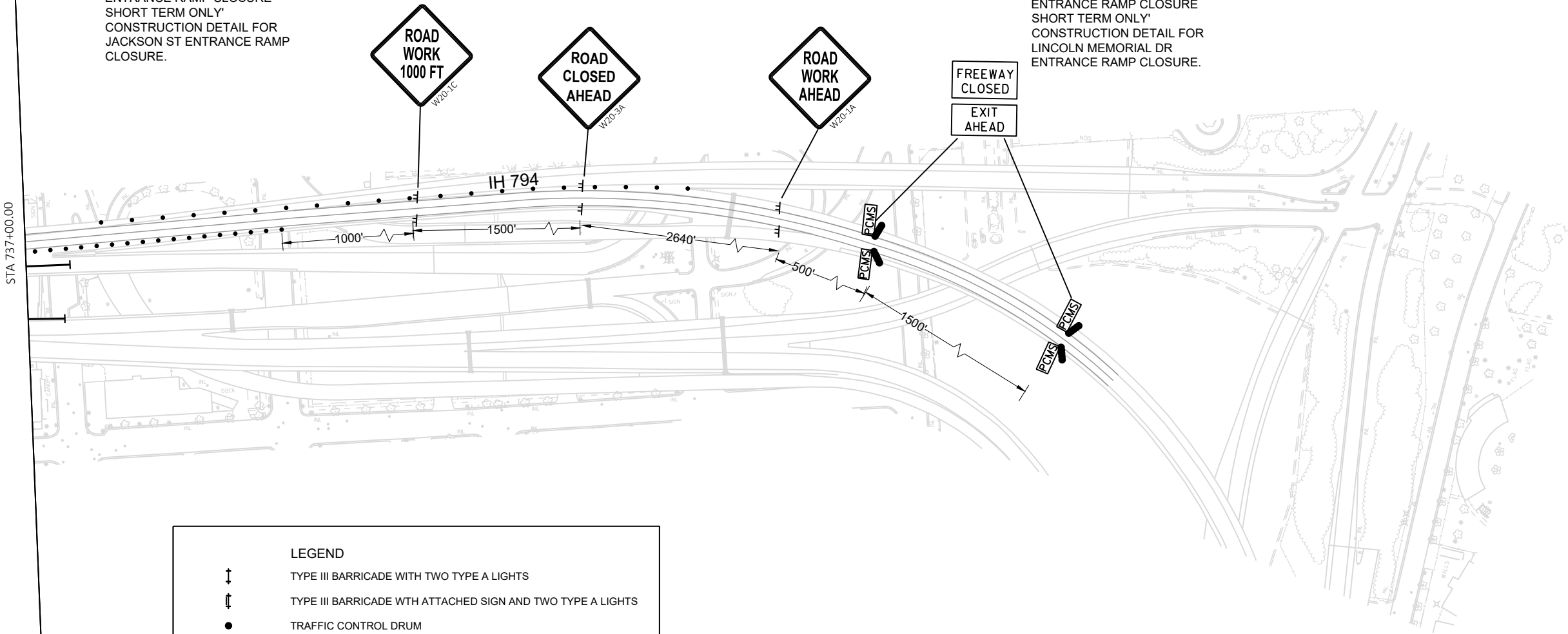




SEE 'TRAFFIC CONTROL FOR
ENTRANCE RAMP CLOSURE
SHORT TERM ONLY'
CONSTRUCTION DETAIL FOR
JACKSON ST ENTRANCE RAMP
CLOSURE.

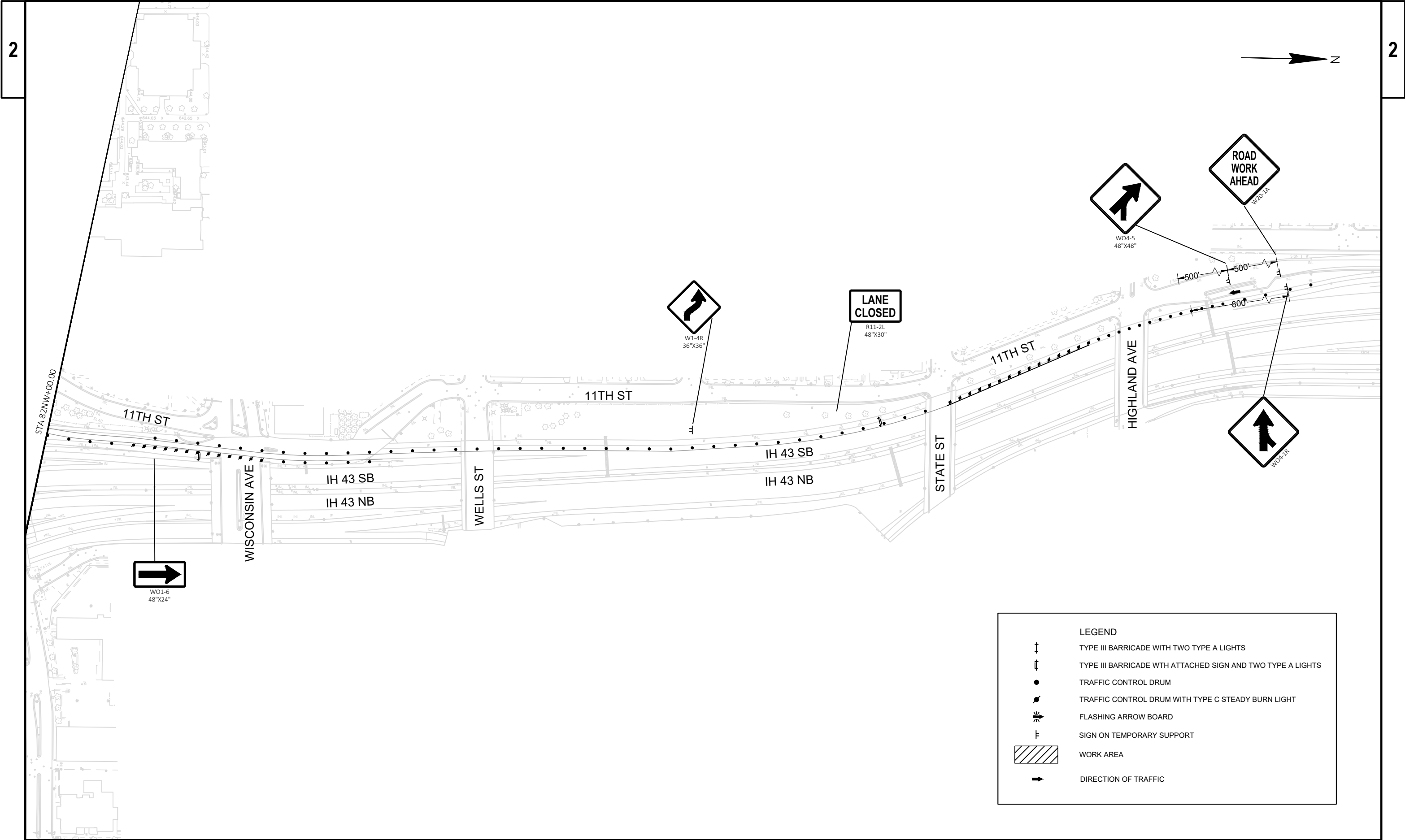
IH 794 WB CLOSED. SEE DETOUR
PLANS.

SEE 'TRAFFIC CONTROL FOR
ENTRANCE RAMP CLOSURE
SHORT TERM ONLY'
CONSTRUCTION DETAIL FOR
LINCOLN MEMORIAL DR
ENTRANCE RAMP CLOSURE.



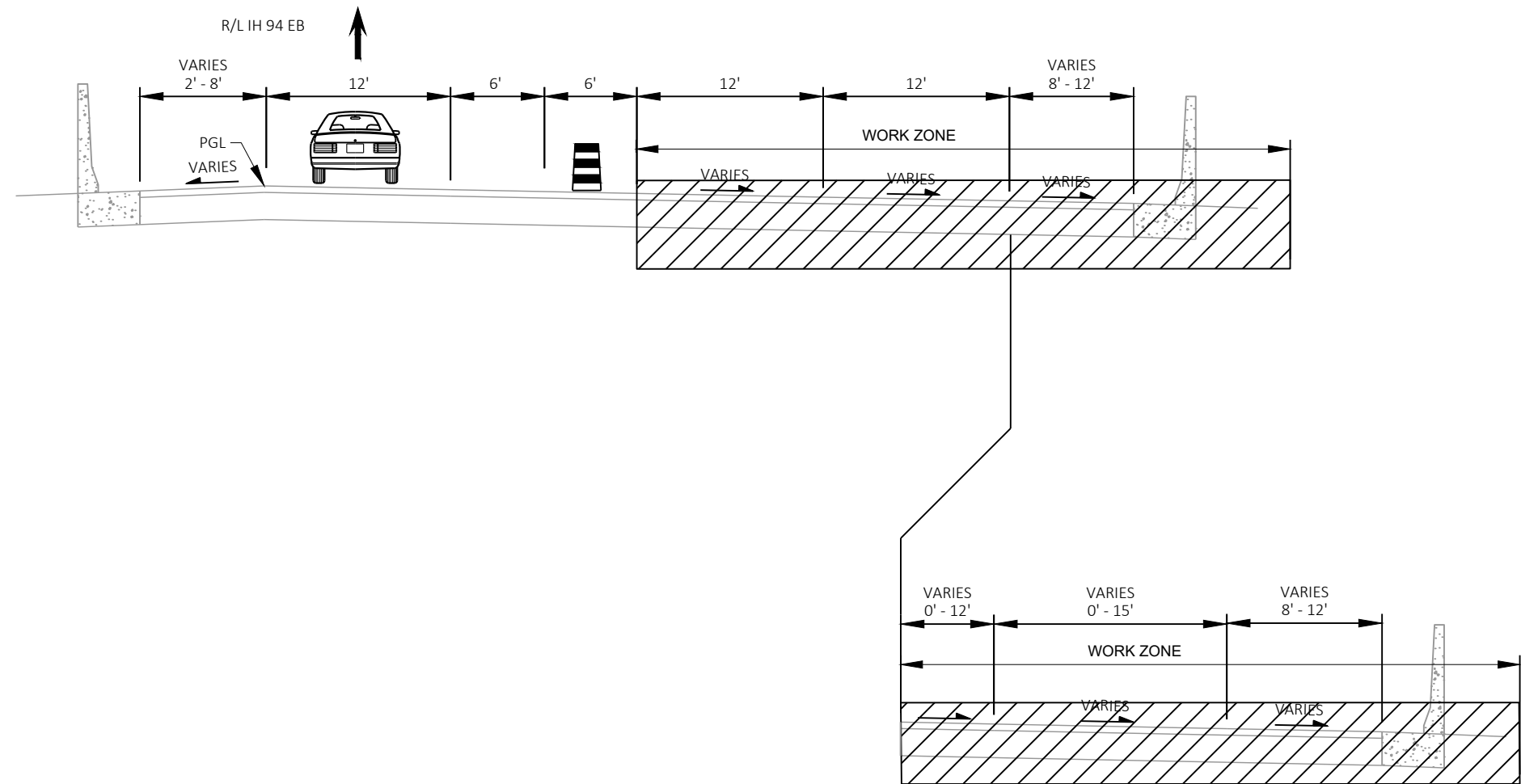
LEGEND

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC



LEGEND

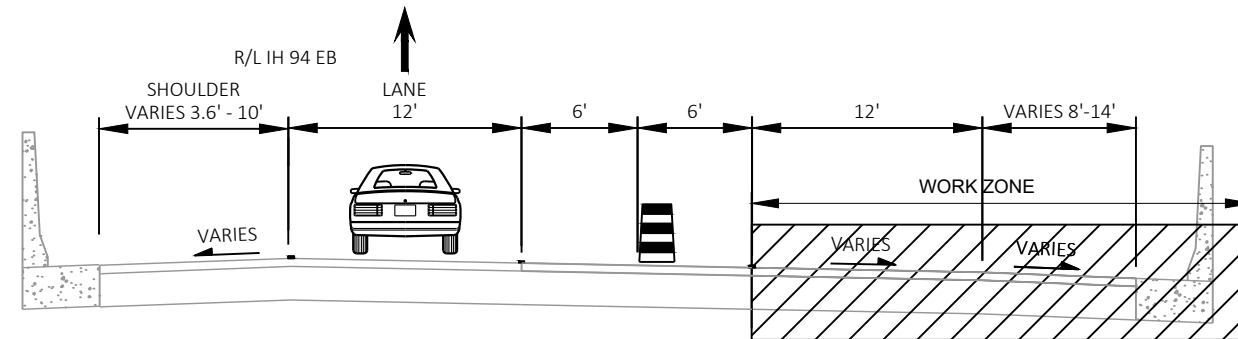
- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN AND TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC



STA. 563E+15 TO STA. 571E+64

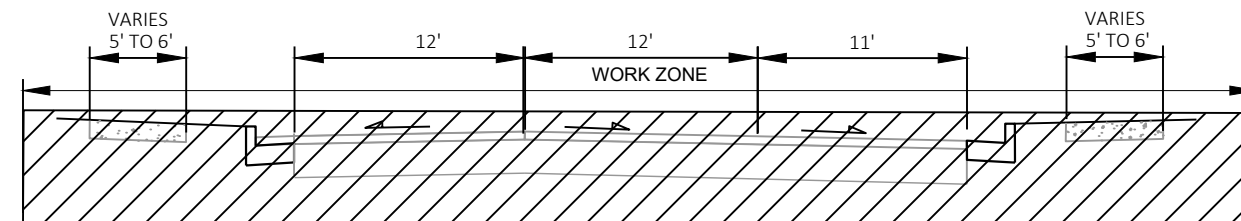
NOTE:
TYPICAL SECTIONS DO NOT REFLECT ALL DIFFERENCES IN
EXISTING CONDITIONS BEYOND EXISTING SHOULDERS.

IH 94 EB OUTSIDE LANES
B-40-550-018 (16TH ST)
STA. 559E+75 TO STA. 575E+00



IH 94 EB OUTSIDE LANES

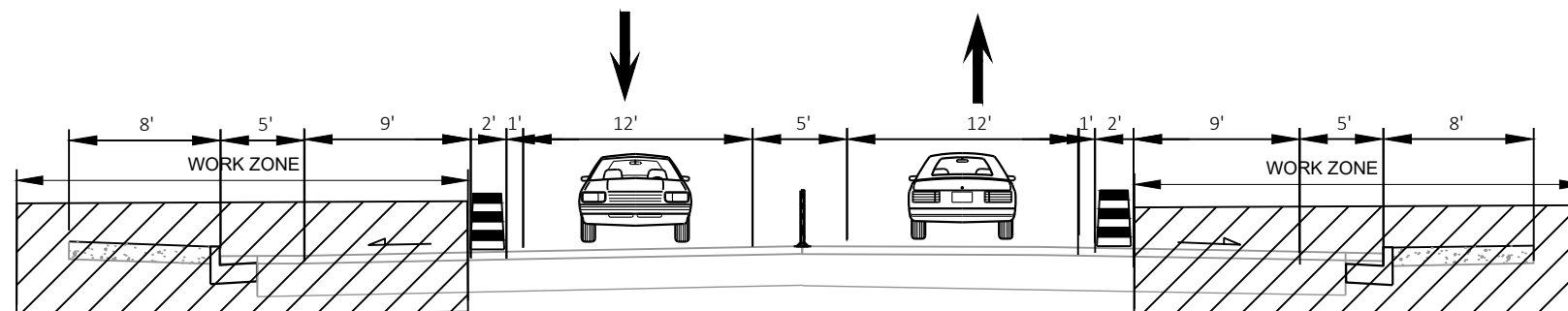
B-40-034 (25TH ST)
 B-40-057 (26TH ST)
 B-40-043 (27TH ST)
 B-40-015 (35TH ST)



32ND ST UNDER BRIDGE

B-40-033

CONCRETE SURFACE REPAIRS
 ROAD CLOSED DURING NIGHTTIME
 HOURS ONLY



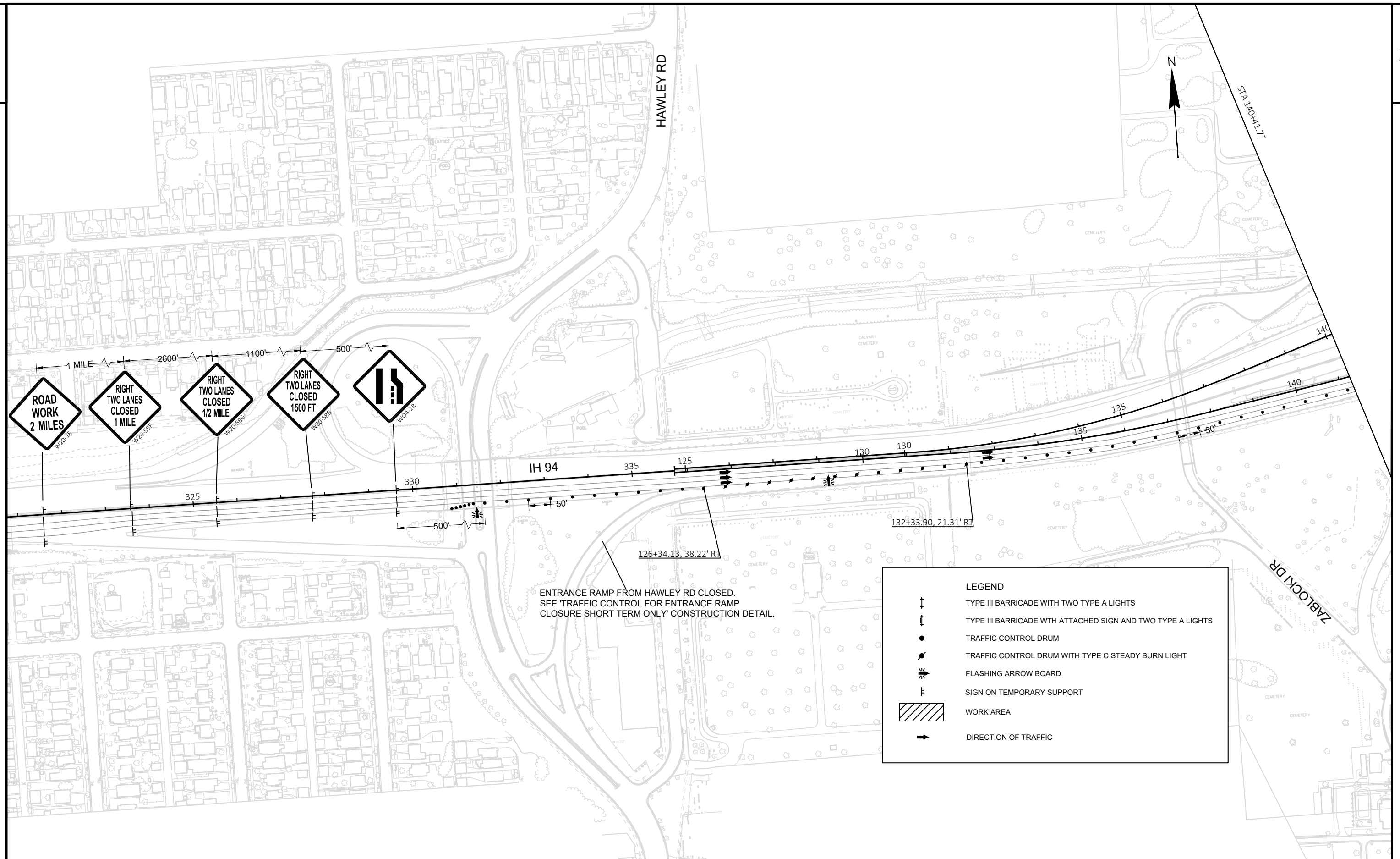
27TH ST ON BRIDGE

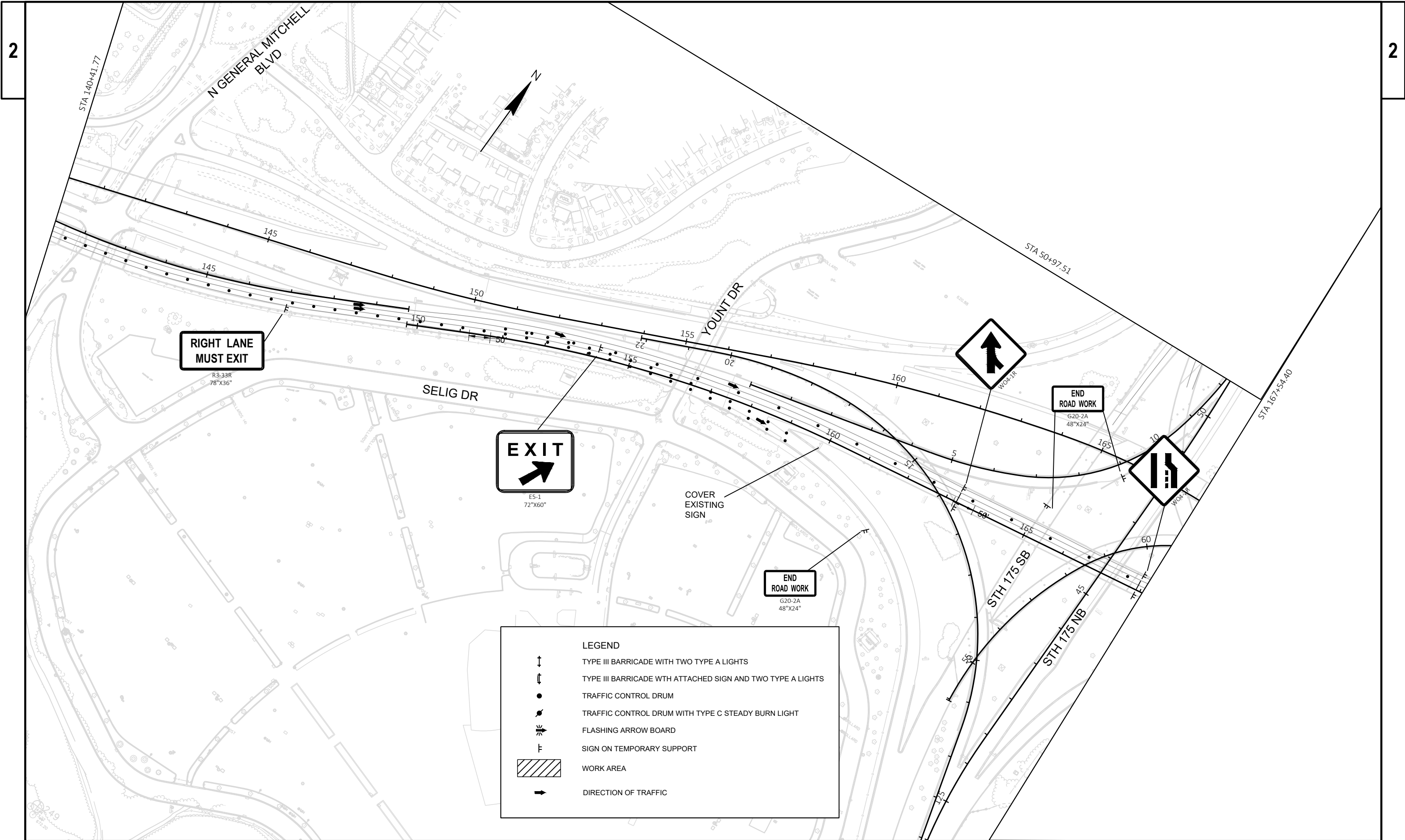
B-40-043

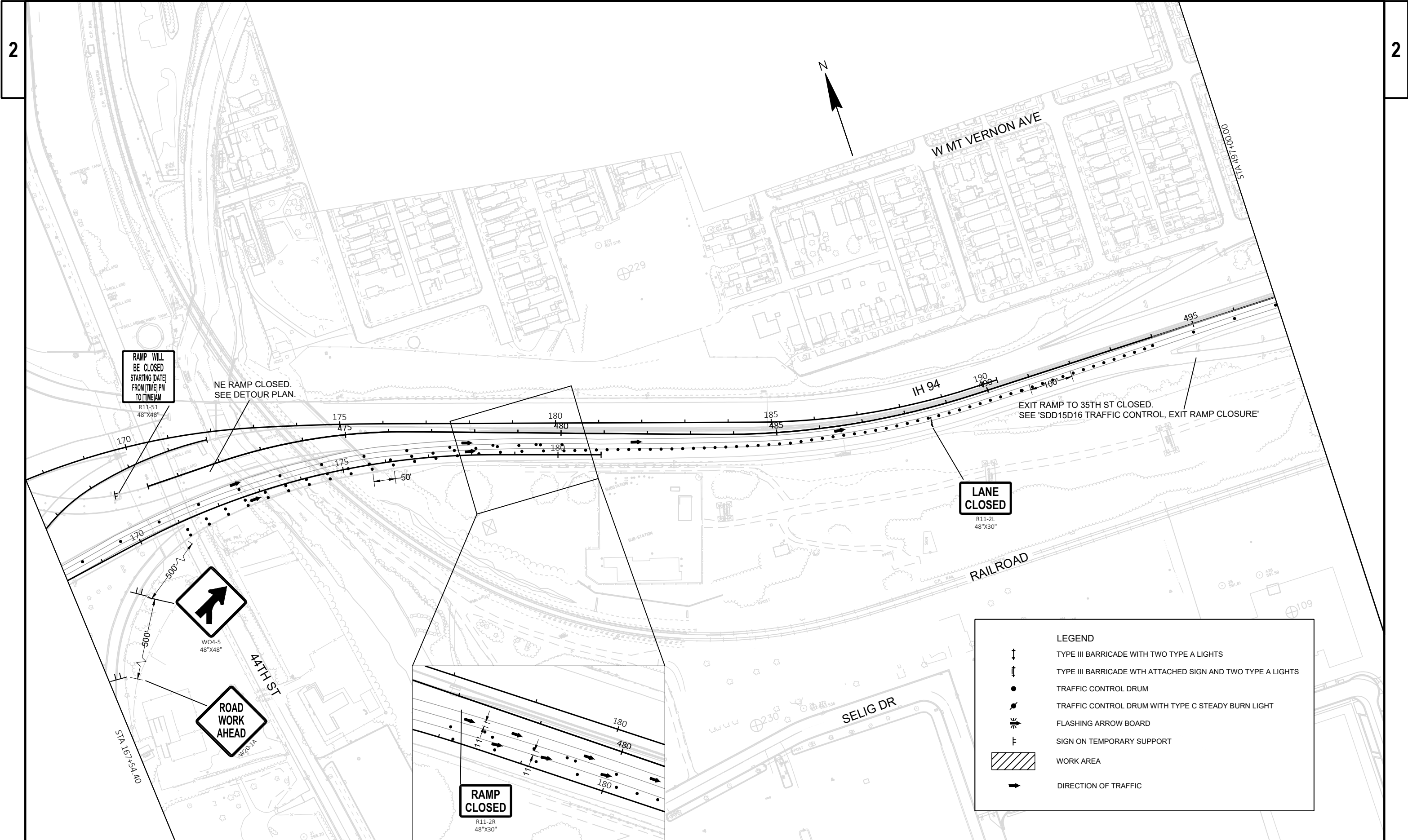
CONCRETE SURFACE REPAIRS

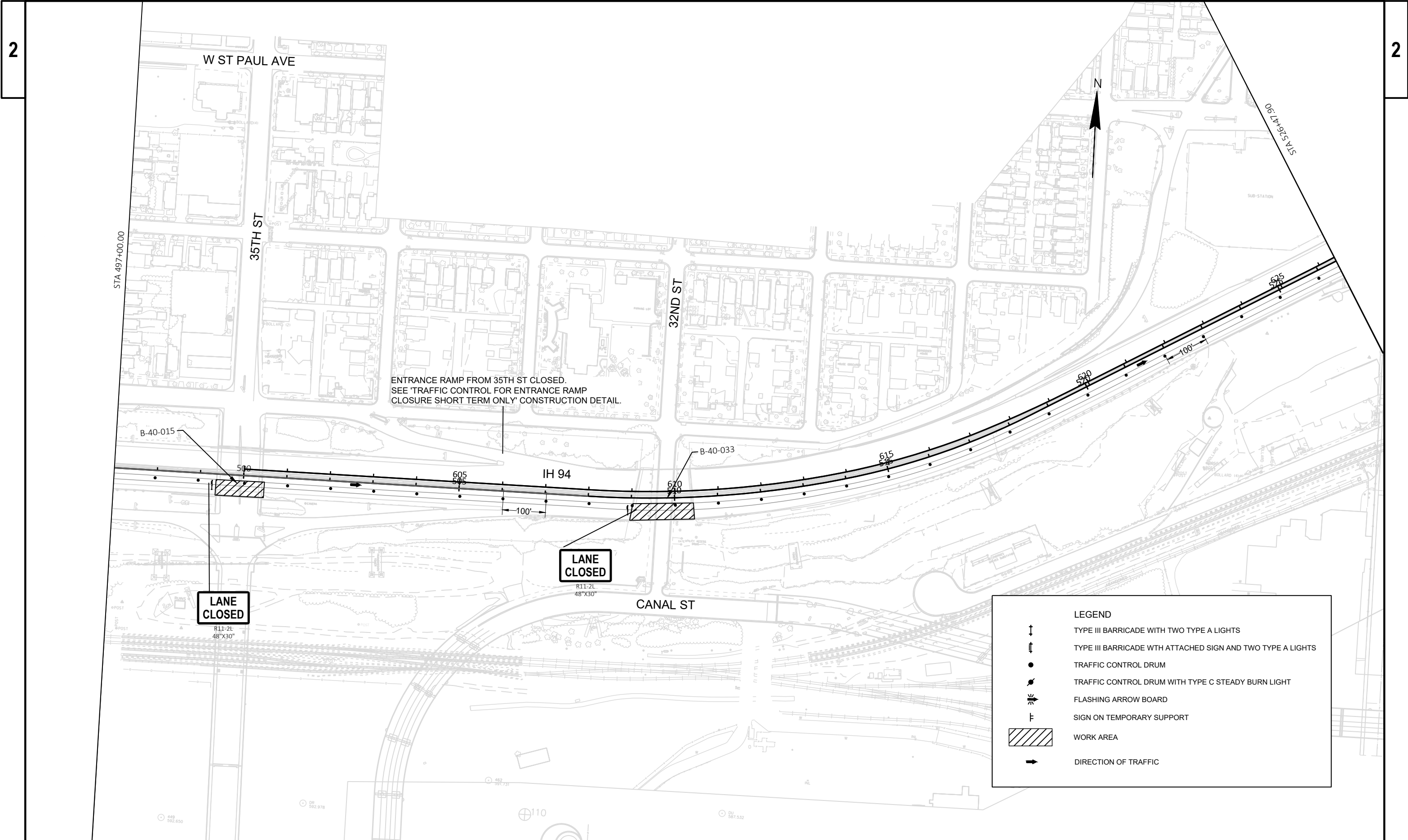
27TH ST WILL BE STAGED WITH WORK OCCURRING ON ONLY ONE SIDE OF THE ROAD CLOSING AT
 A TIME TO ALLOW PEDESTRIAN TRAFFIC TO BE DIVERTED AS PER SDD TRAFFIC CONTROL,
 PEDESTRIAN ACCOMMODATION FOR MID-BLOCK SIDE WALK CLOSURE SIGNING.

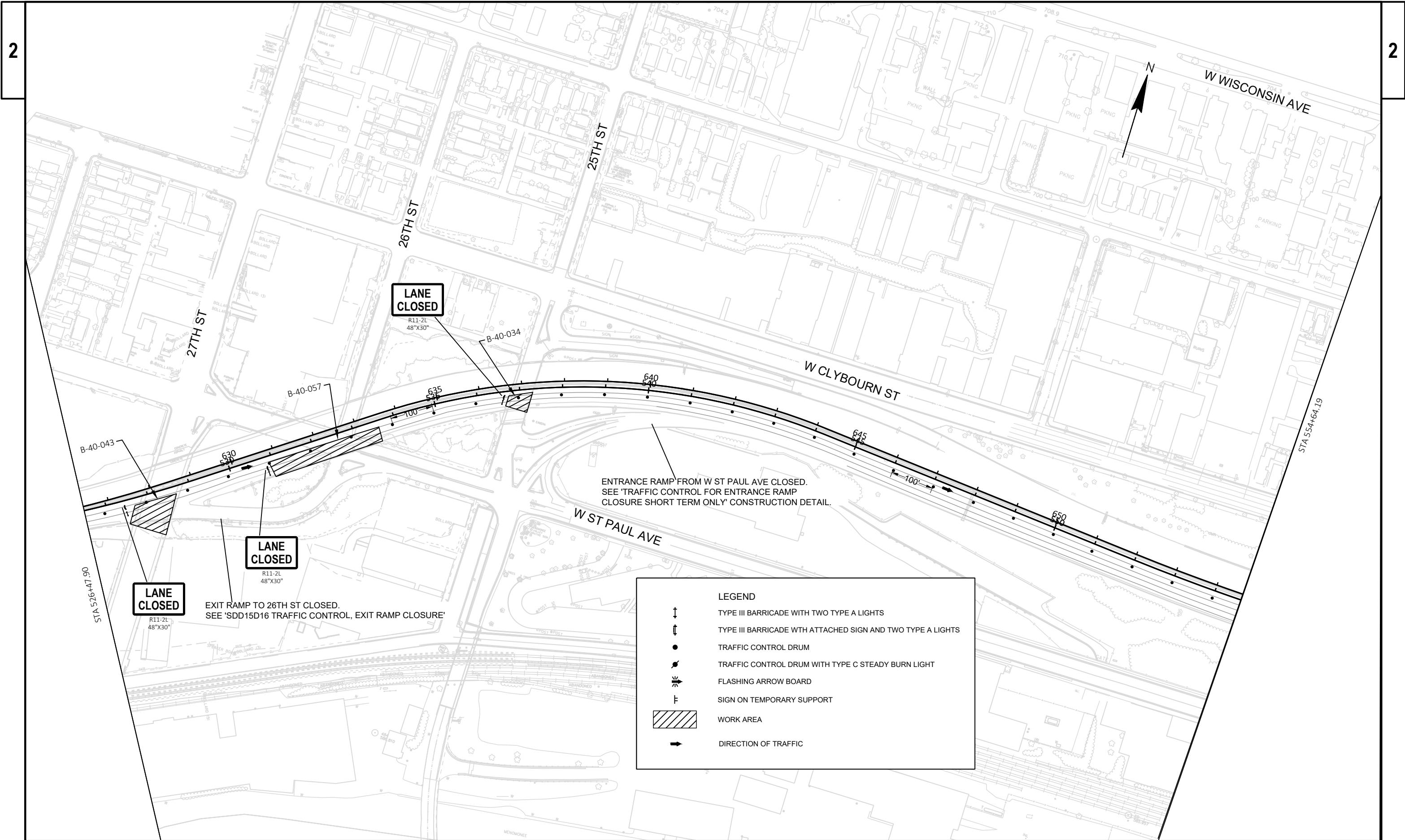
BOTH SIDE OF THE SIDE WALK ON 27TH ST SHALL NOT BE CLOSED AT THE SAME TIME.

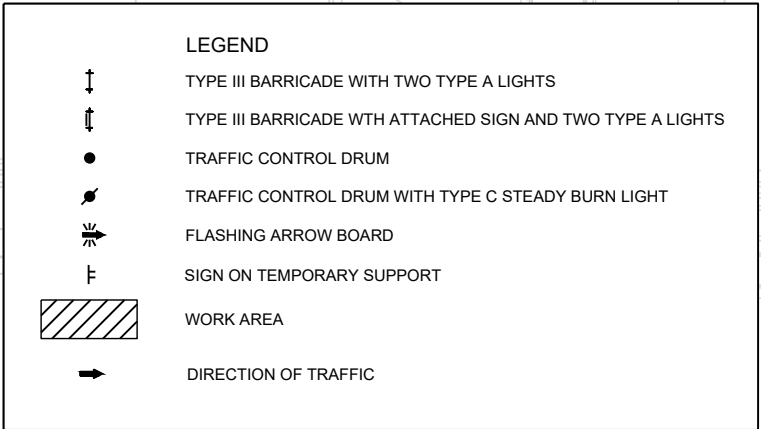


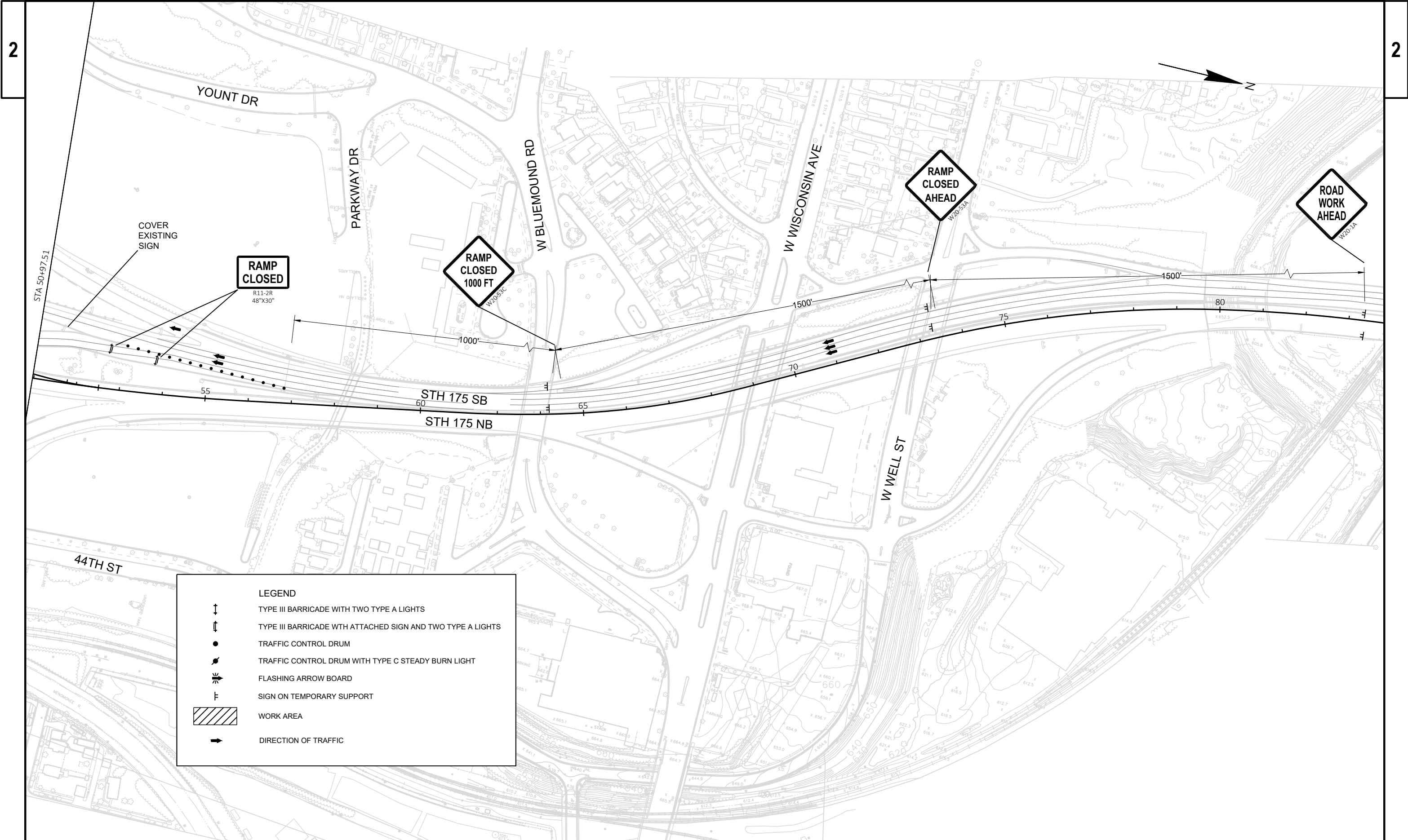


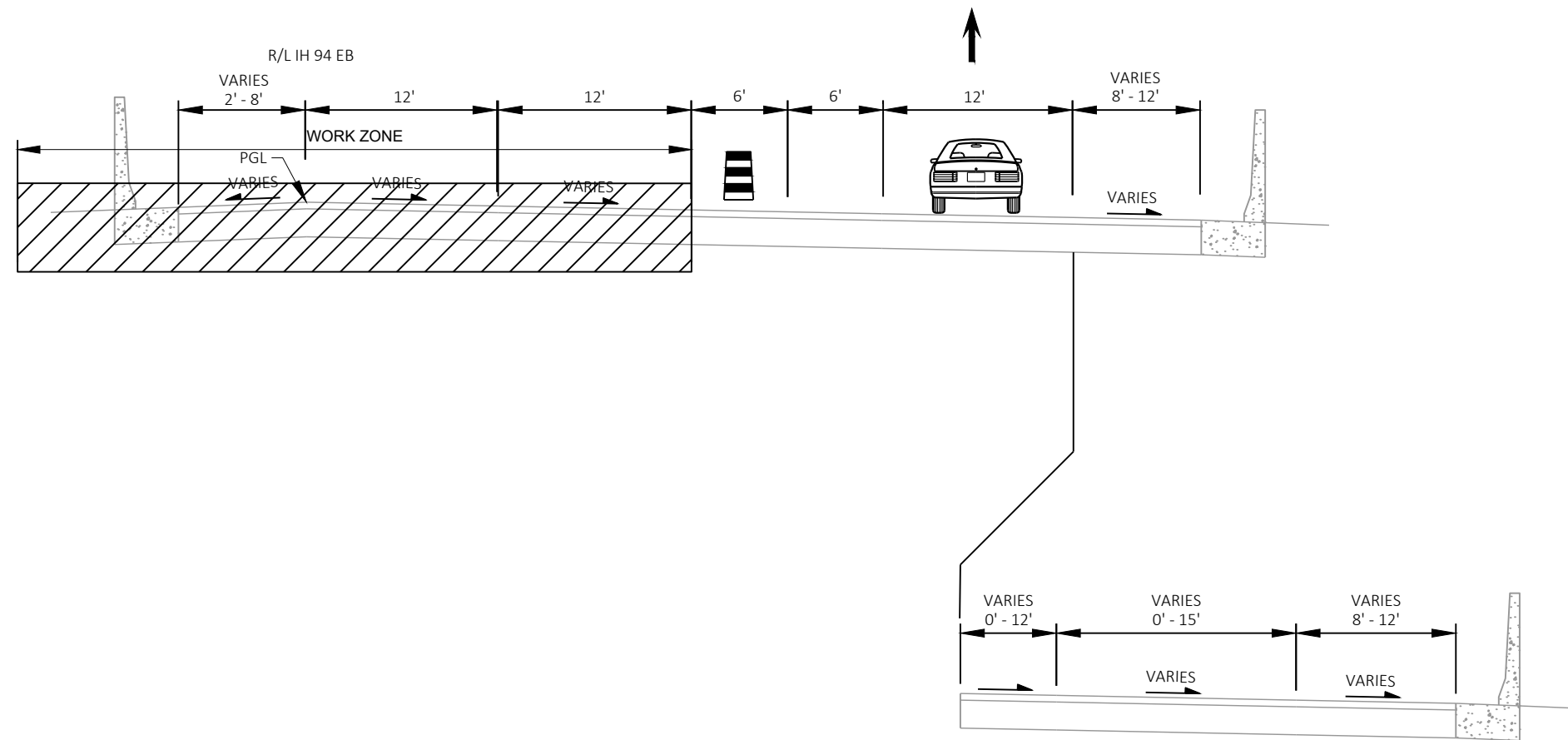








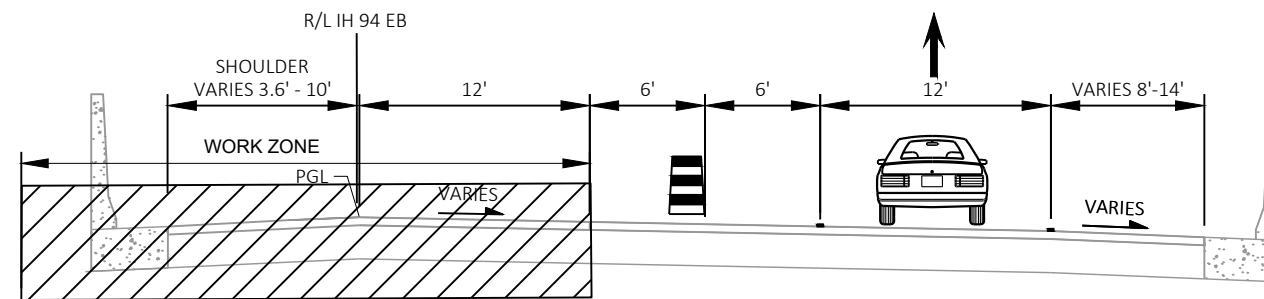




STA. 563E+15 TO STA. 571E+64

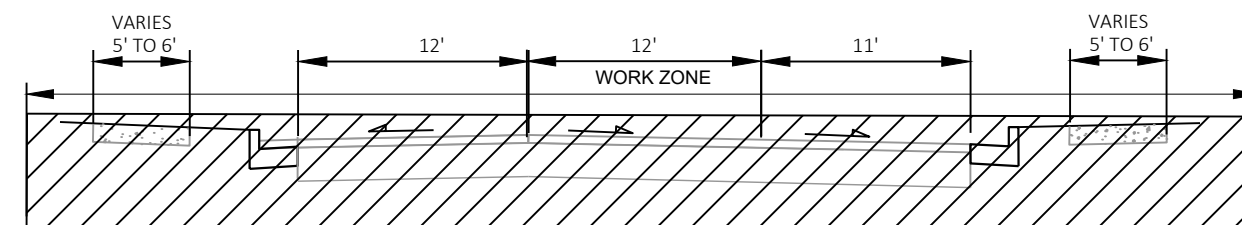
IH 94 EB INSIDE LANES
B-40-550-018 (16TH ST)
STA. 559E+75 TO STA. 575E+00

NOTE:
TYPICAL SECTIONS DO NOT REFLECT ALL DIFFERENCES IN
EXISTING CONDITIONS BEYOND EXISTING SHOULDERS.



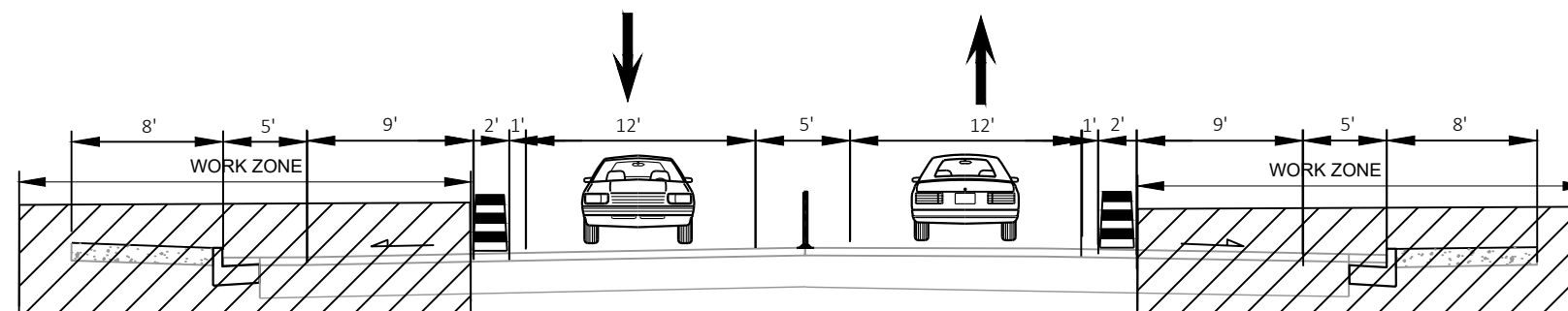
IH 94 EB INSIDE LANES

B-40-034 (25TH ST)
B-40-057 (26TH ST)
B-40-043 (27TH ST)
B-40-015 (35TH ST)



32ND ST UNDER BRIDGE

B-40-033
CONCRETE SURFACE REPAIRS
ROAD CLOSED DURING NIGHTTIME
HOURS ONLY

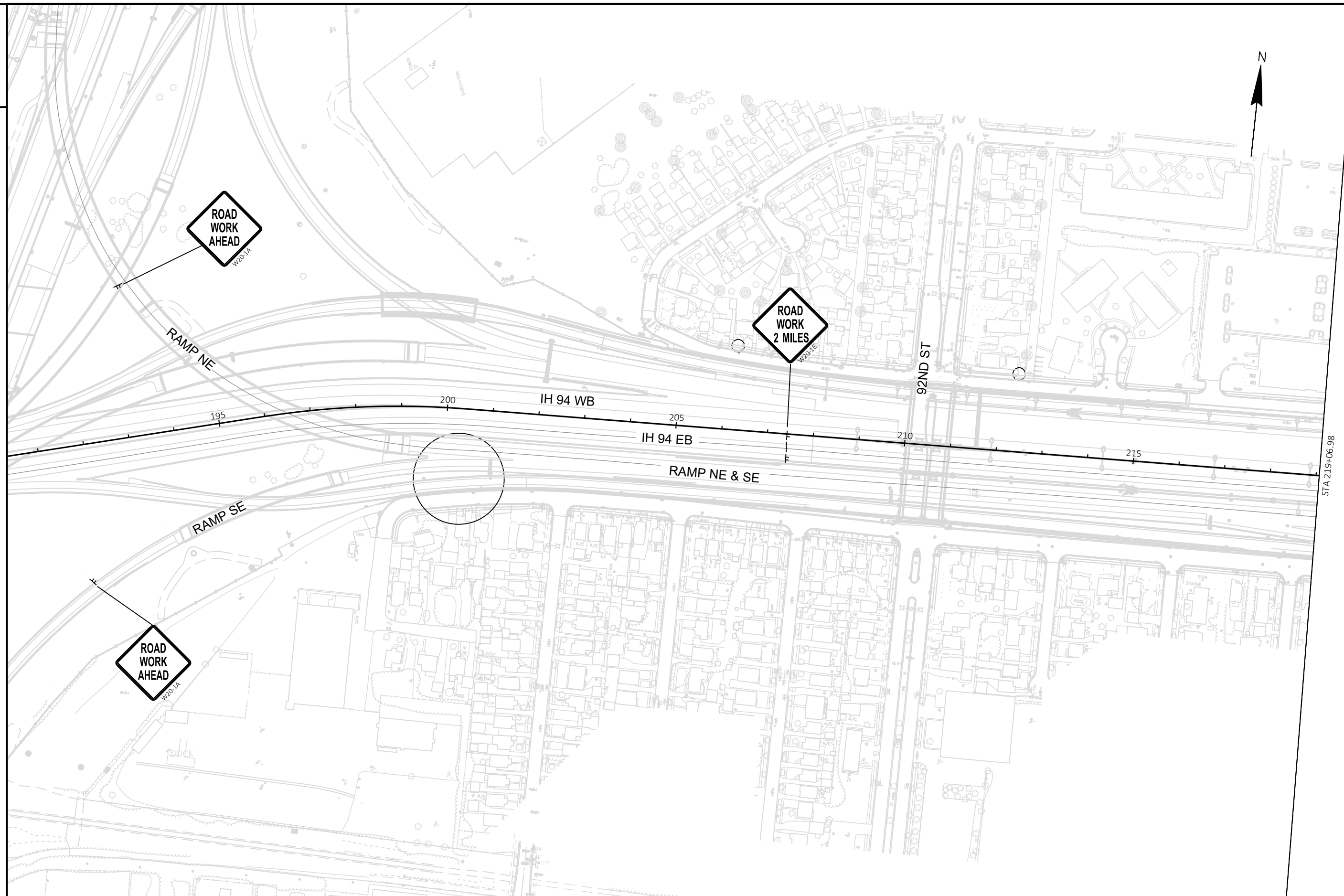


27TH ST ON BRIDGE

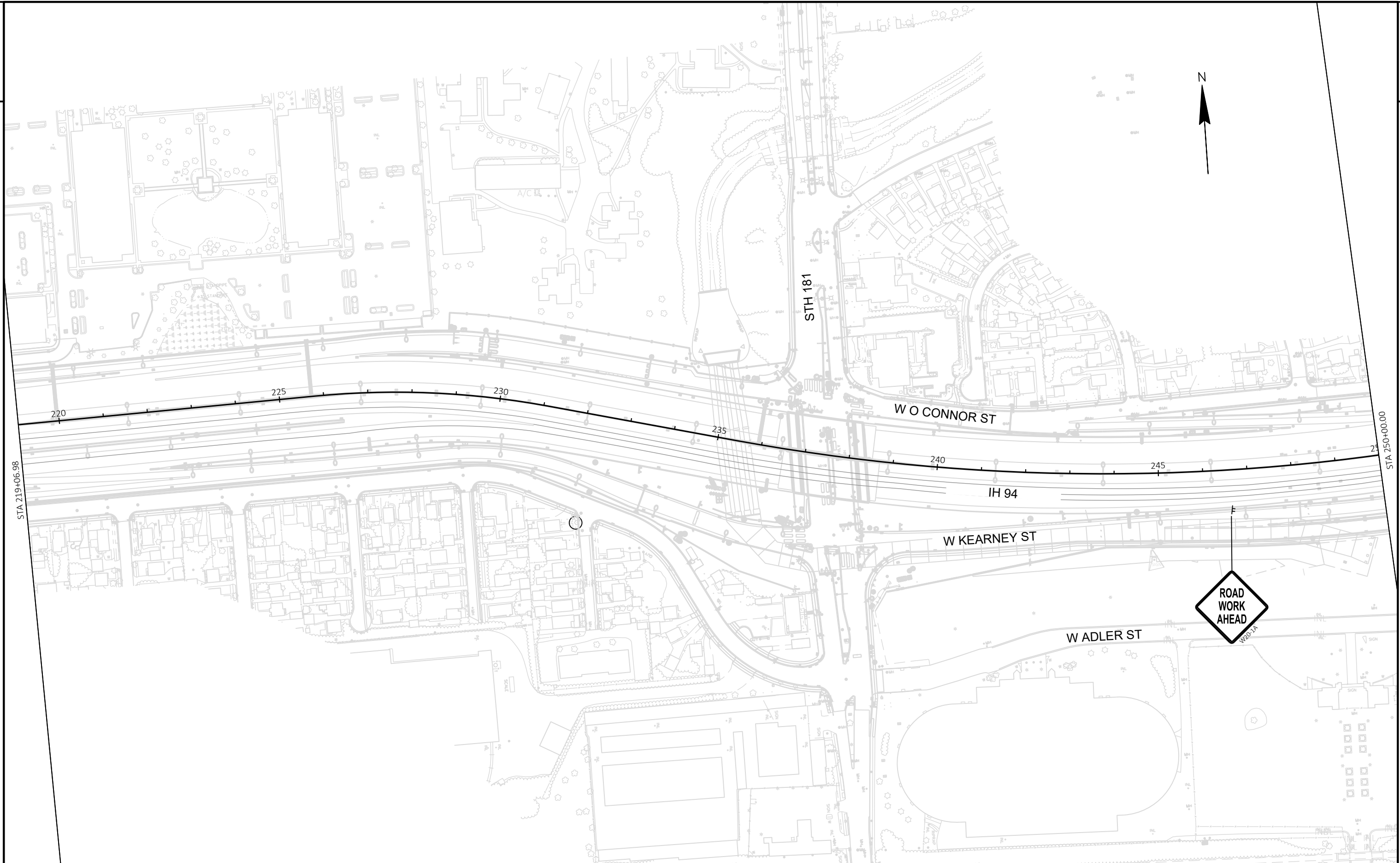
B-40-043
CONCRETE SURFACE REPAIRS

27TH ST WILL BE STAGED WITH WORK OCCURRING ON ONLY ONE SIDE OF THE ROAD CLOSING AT
A TIME TO ALLOW PEDESTRIAN TRAFFIC TO BE DIVERTED AS PER SDD TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION FOR MID-BLOCK SIDE WALK CLOSURE SIGNING.

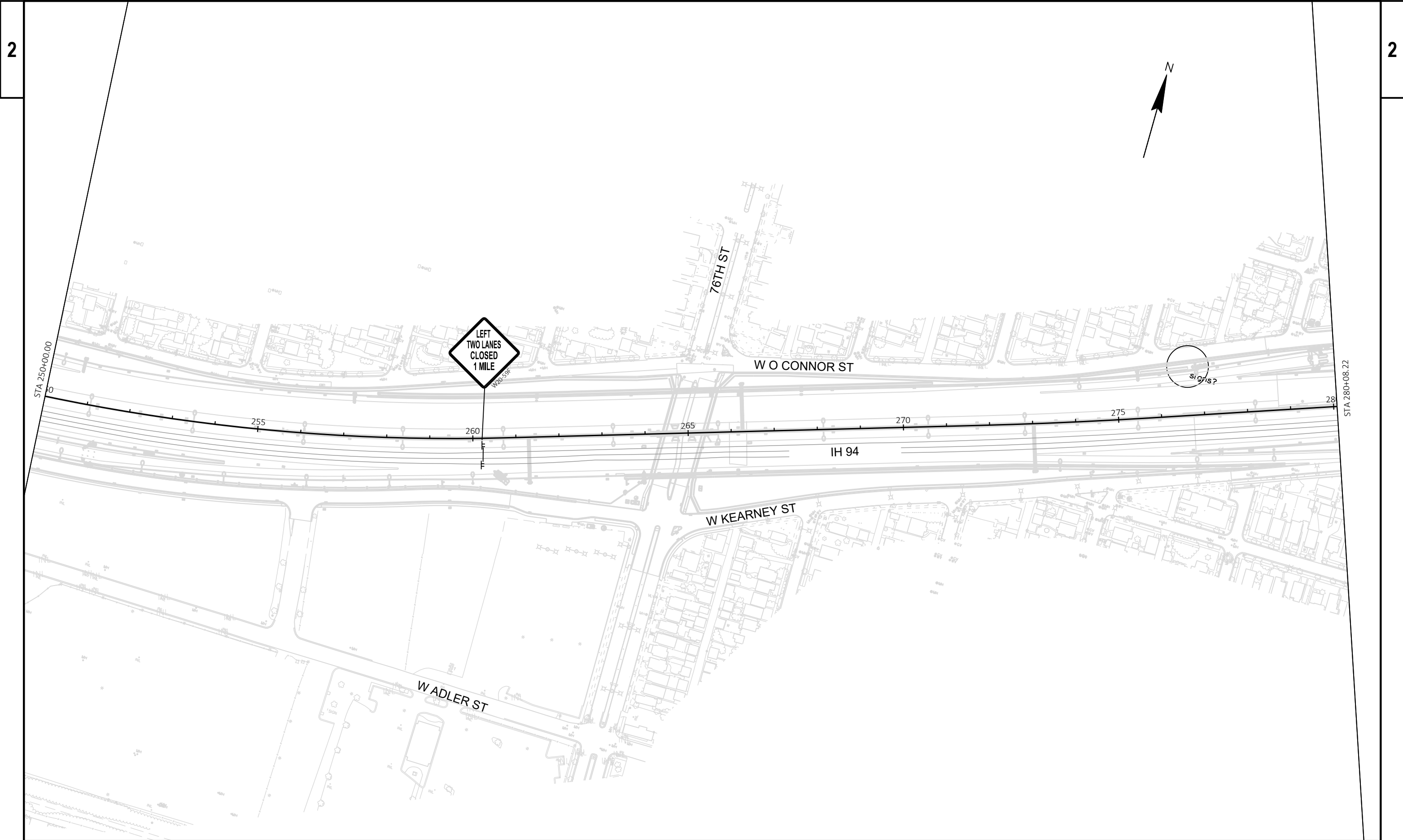
BOTH SIDE OF THE SIDE WALK ON 27TH ST SHALL NOT BE CLOSED AT THE SAME TIME.



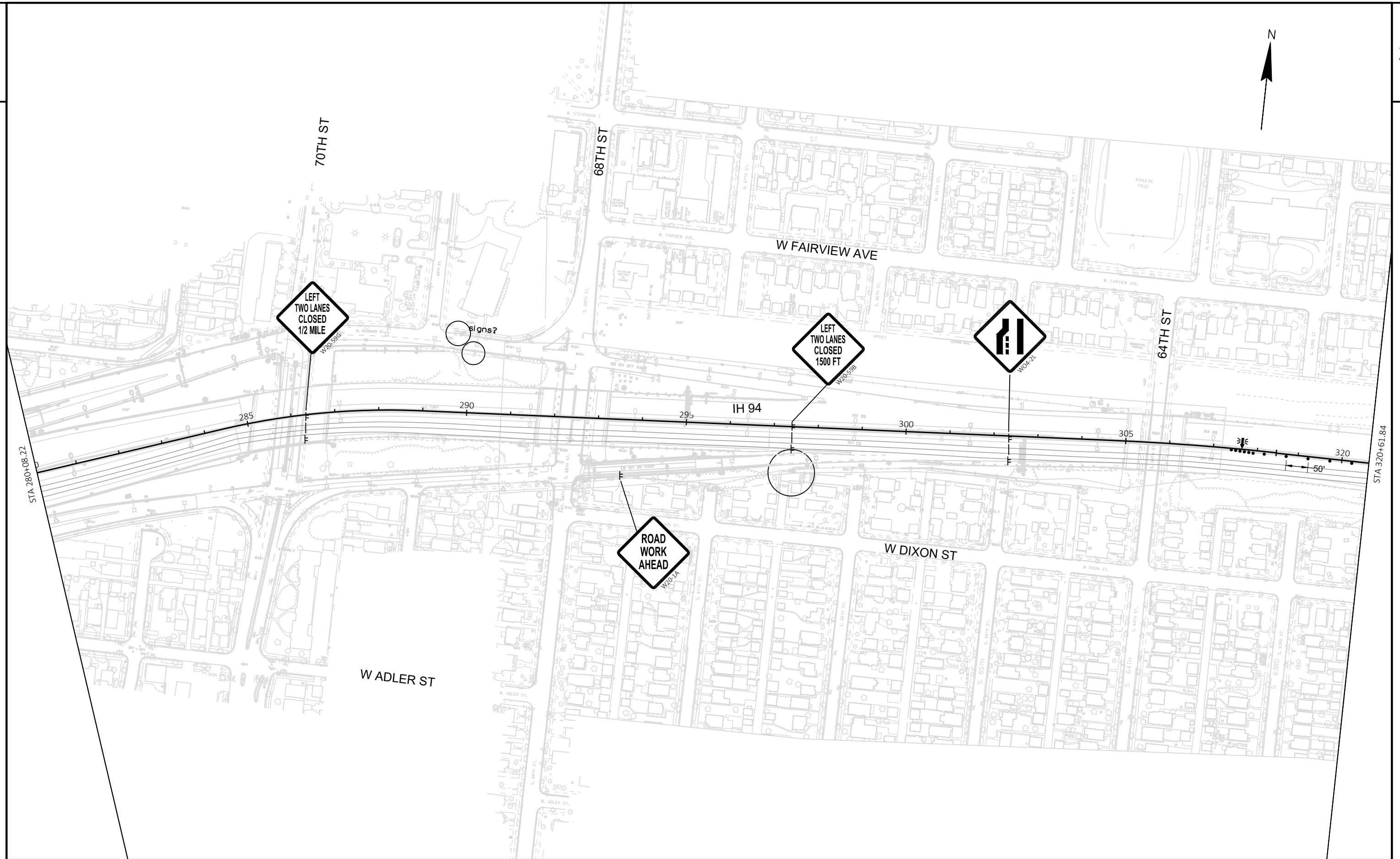
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 3D - IH 94 EB INSIDE LANES	SHEET	E
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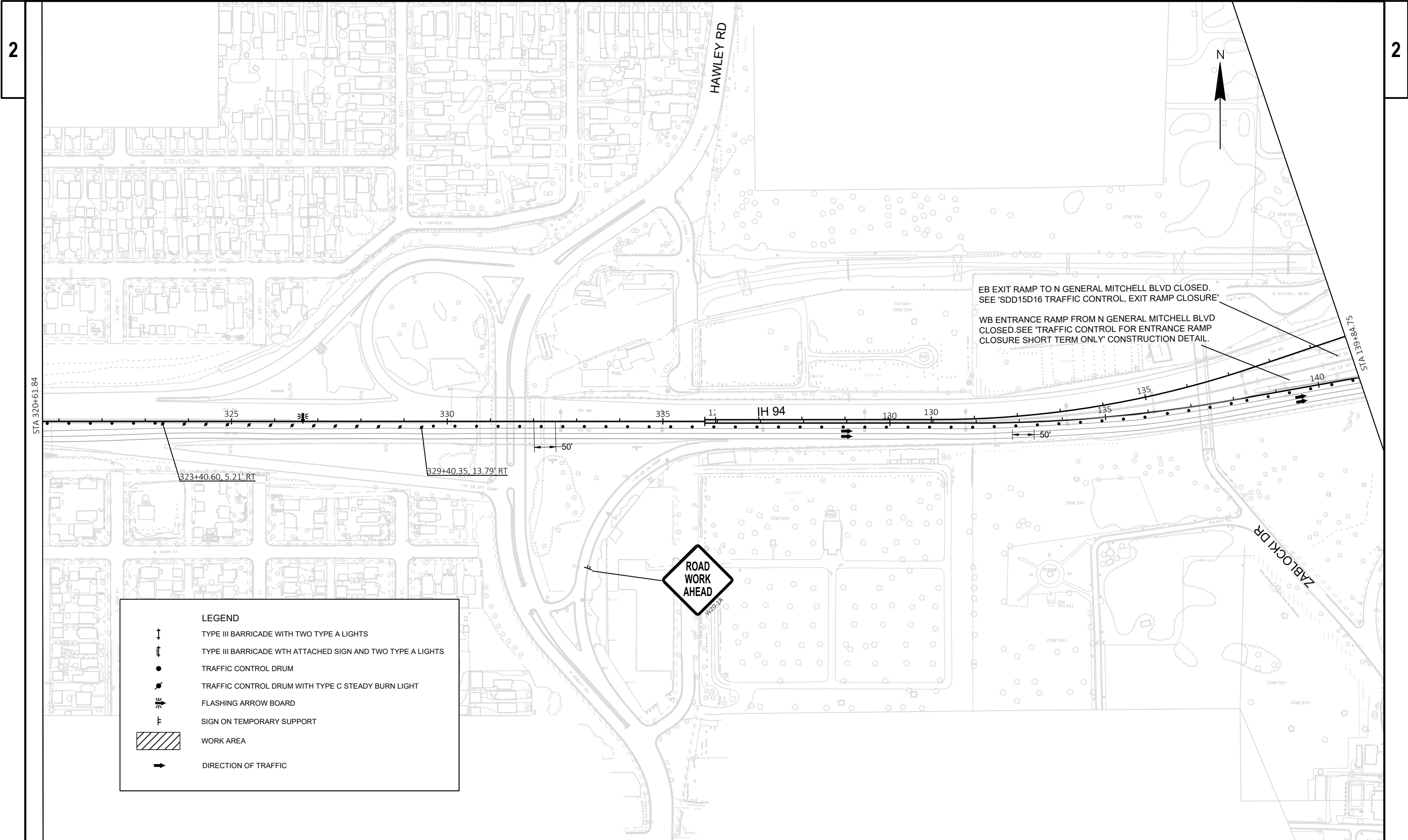
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 3D - IH 94 EB INSIDE LANES	SHEET	E
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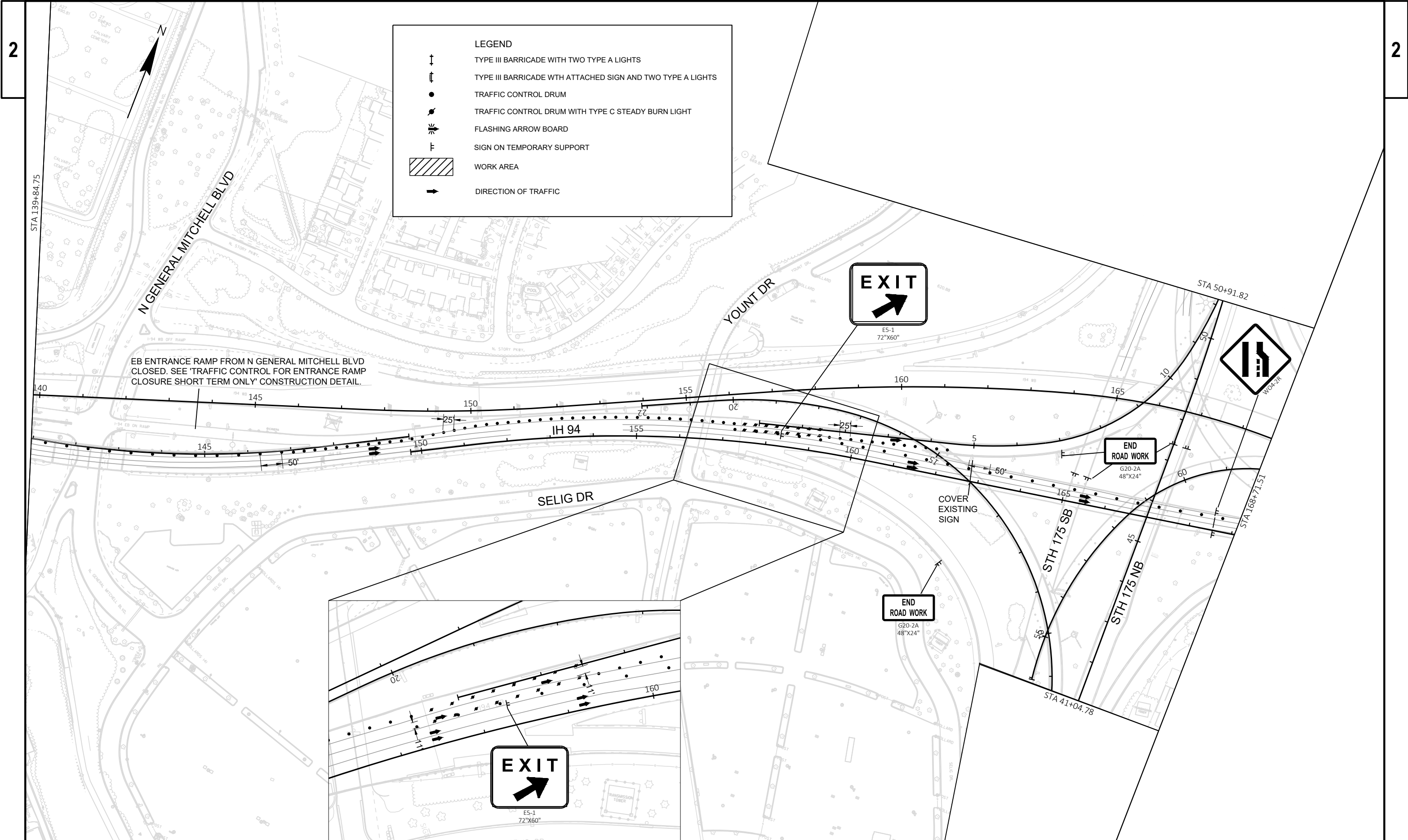


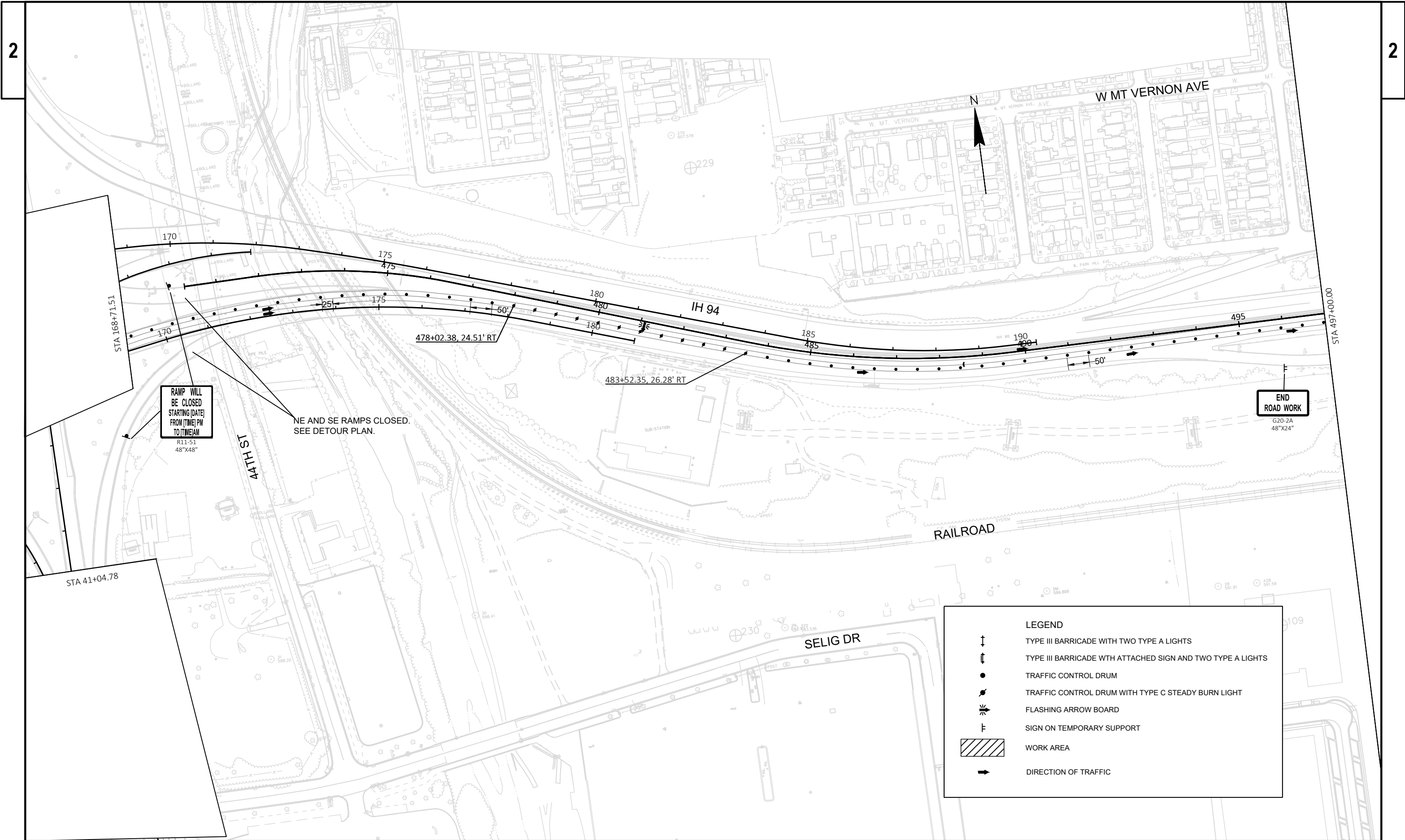
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 3D - IH 94 EB INSIDE LANES	SHEET	E
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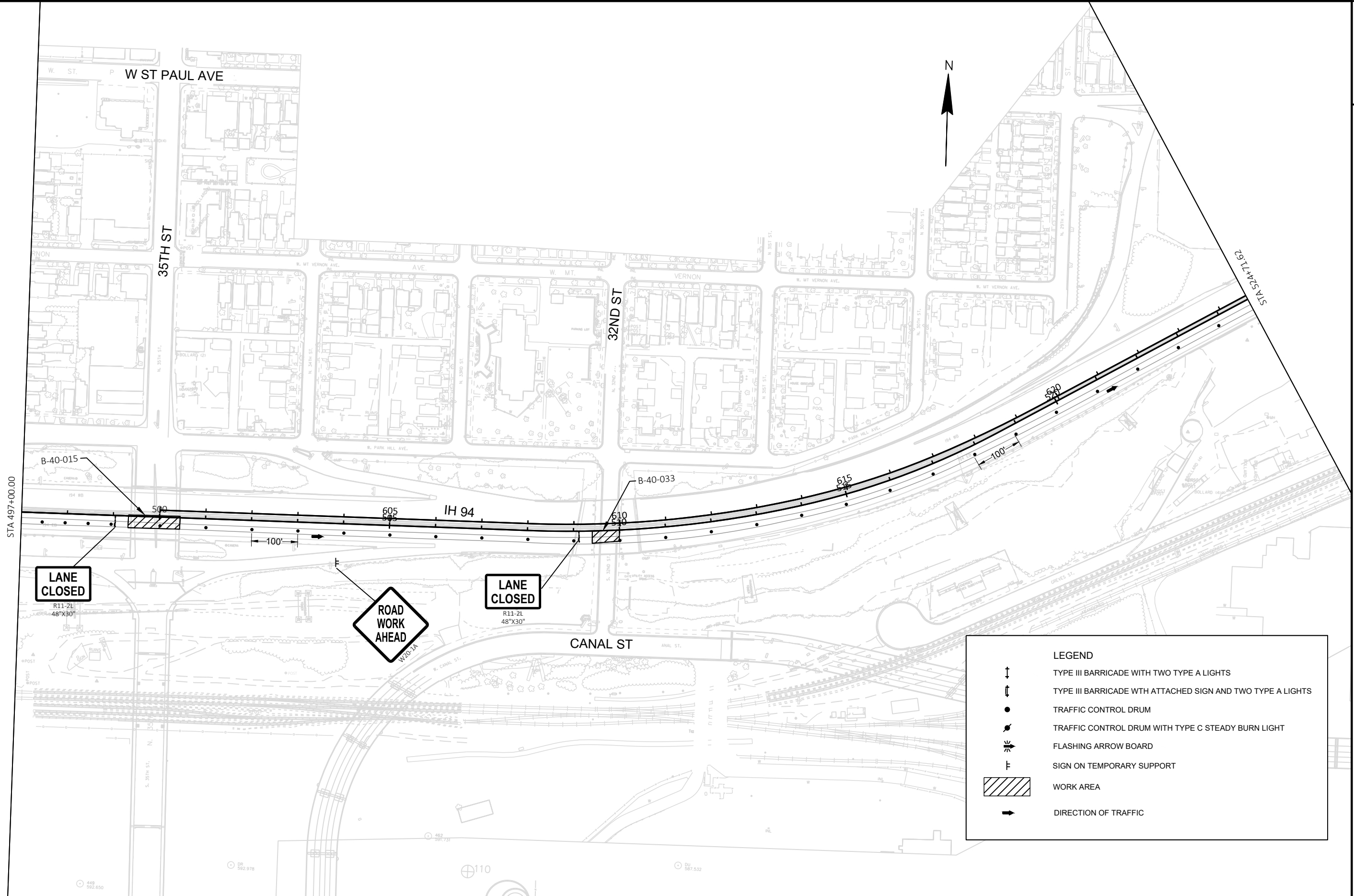


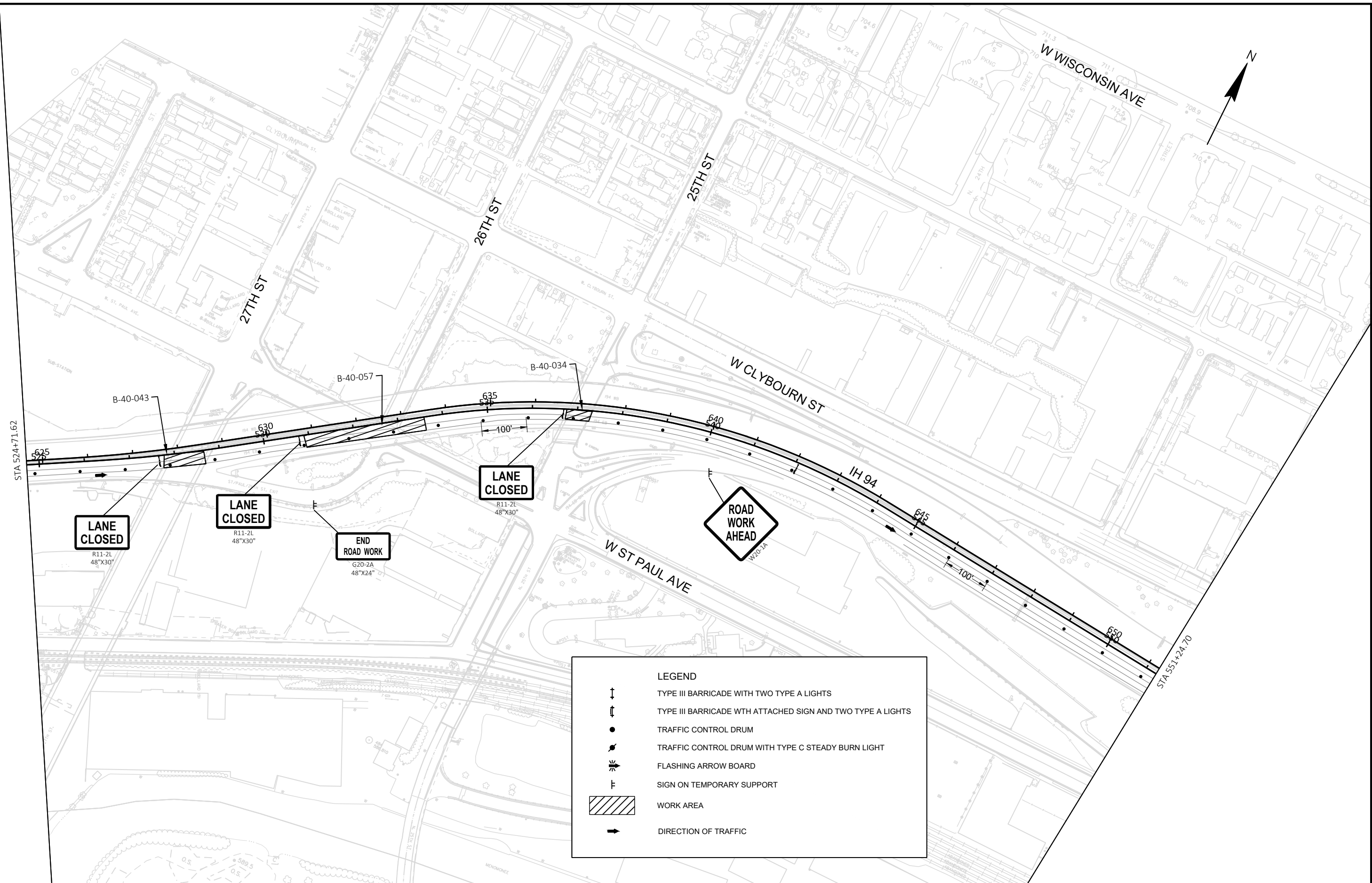
PROJECT NO: 1060-11-73	HWY: IH 94	COUNTY: MILWAUKEE	STAGE 3D - IH 94 EB INSIDE LANES	SHEET	E
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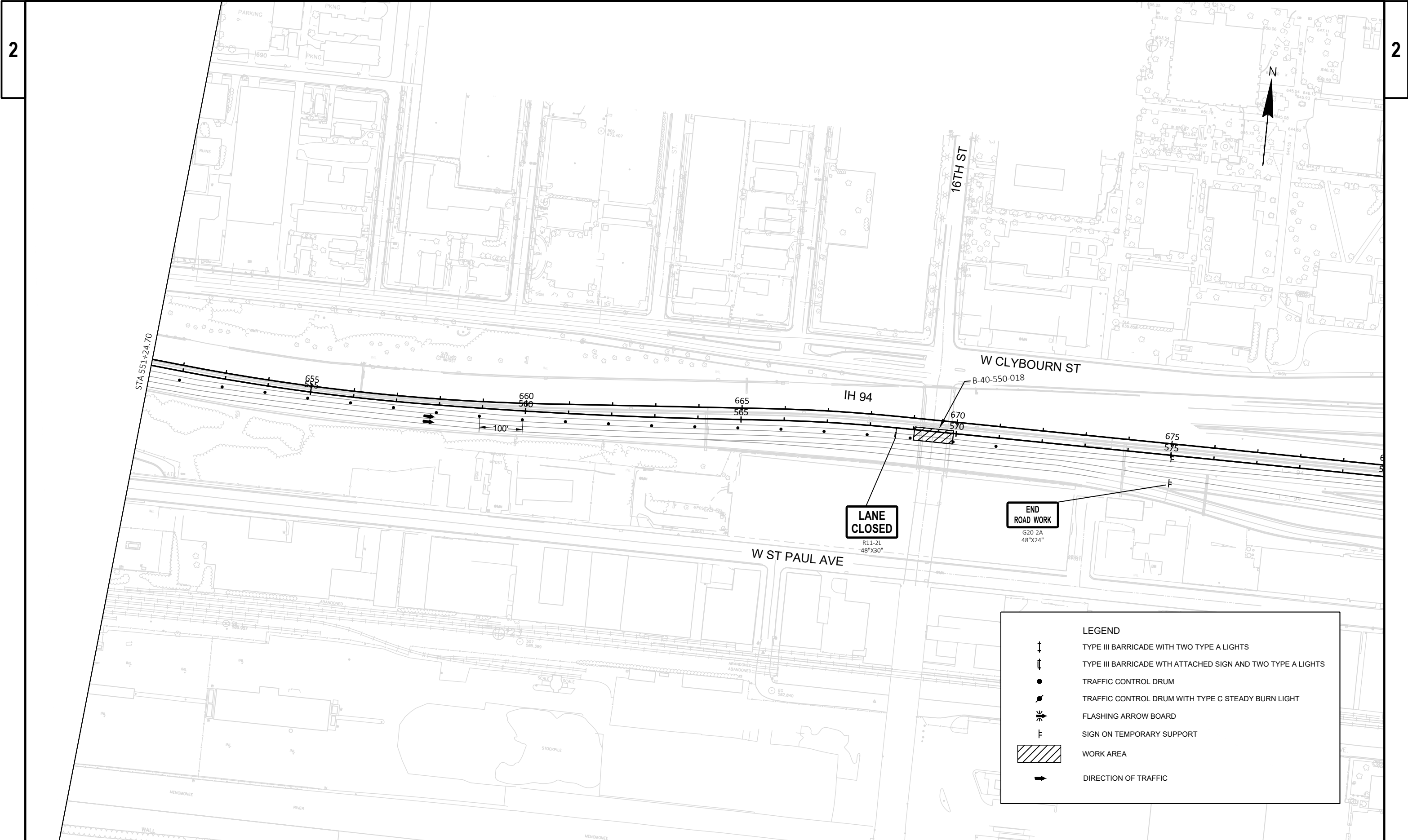


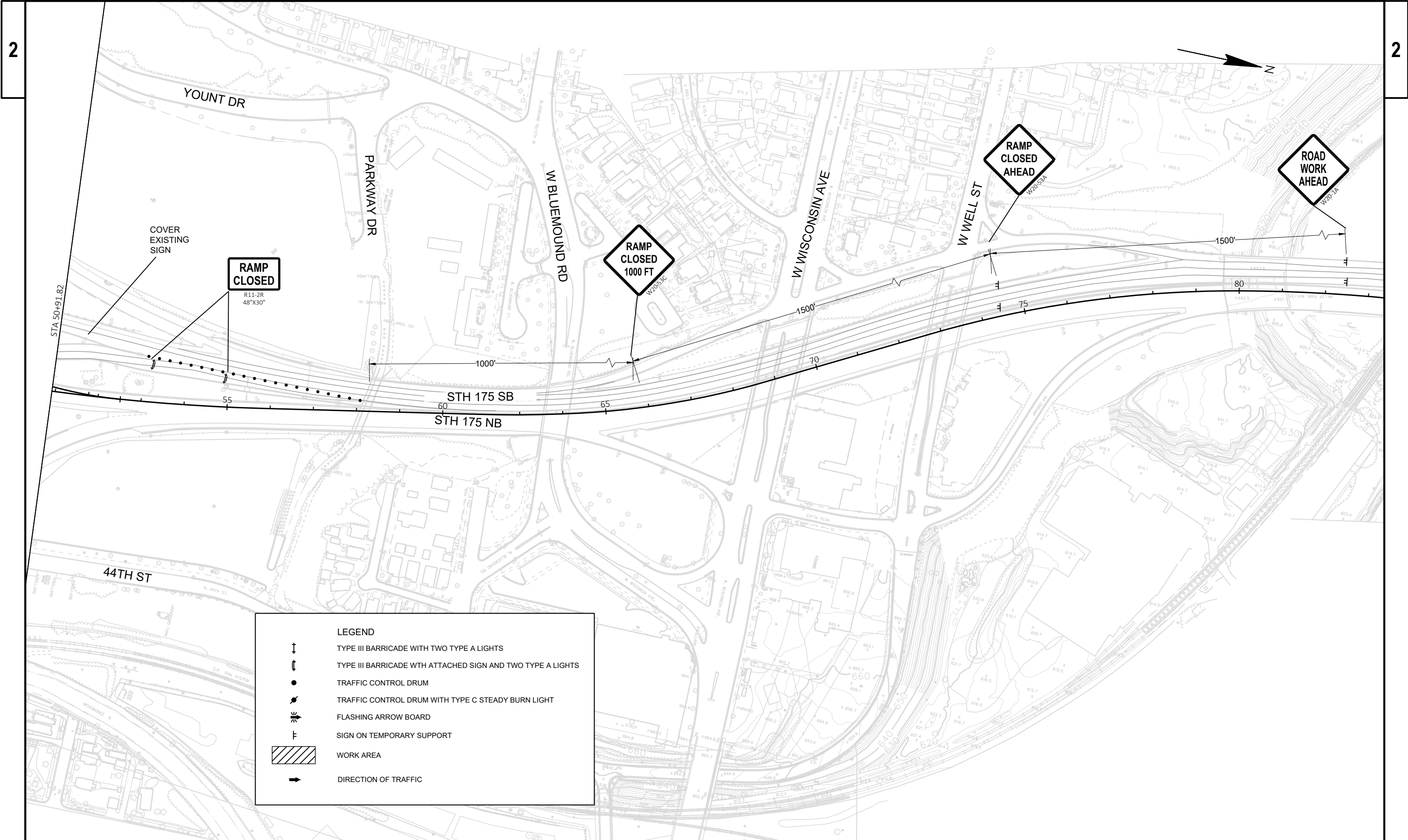


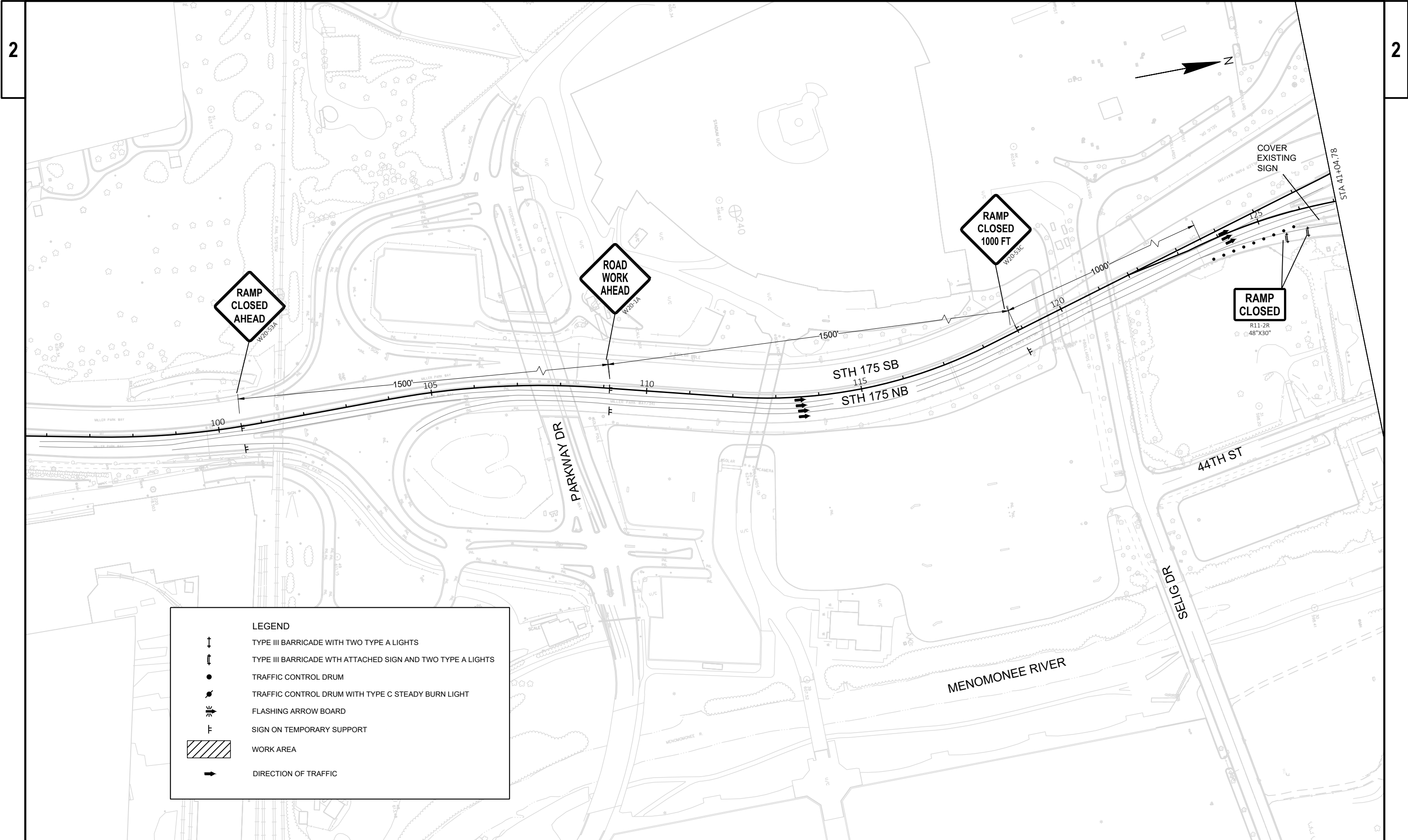












1
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
DETOUR AHEAD
W20-2A

2
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M5-2R
21"x21"

3
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M6-2
21"x21"

4
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M6-1
21"x21"

5
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"

6
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M5-1L
21"x21"

7
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M6-1
21"x21"

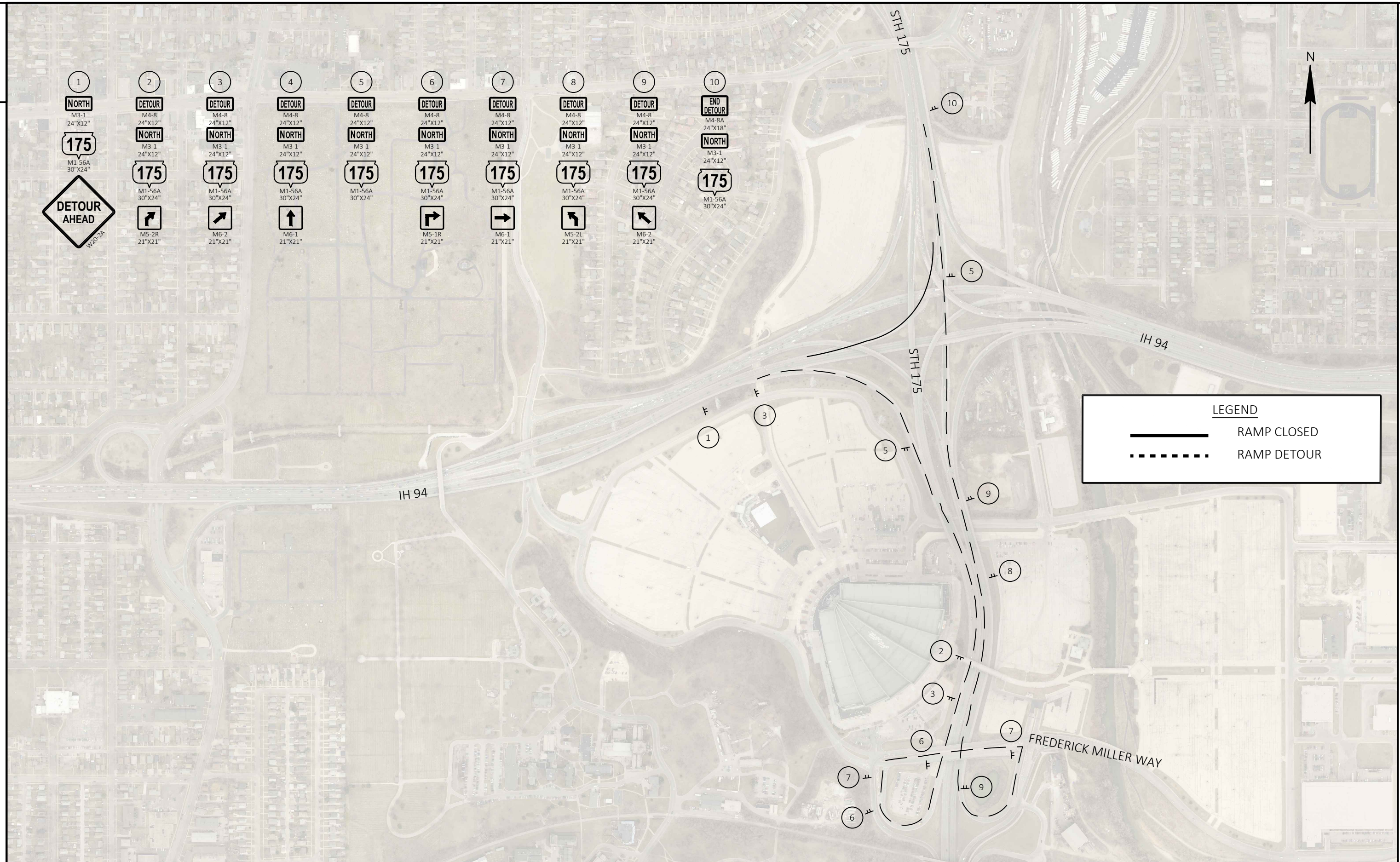
8
DETOUR
M4-8
24"x12"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"
M6-2
21"x21"

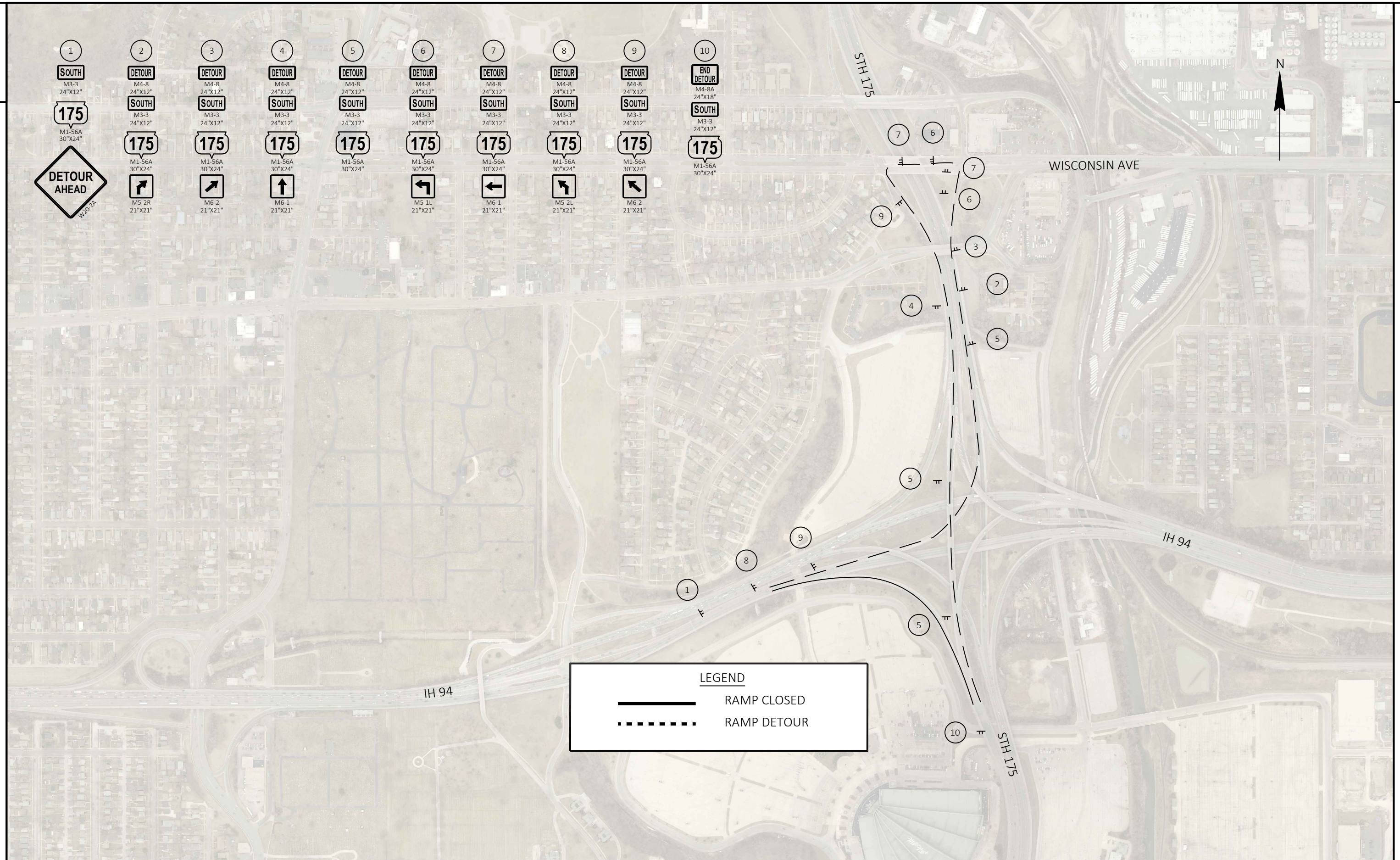
9
END
DETOUR
M4-8A
24"x18"
WEST
M3-4
24"x12"
94
M1-1A
30"x24"

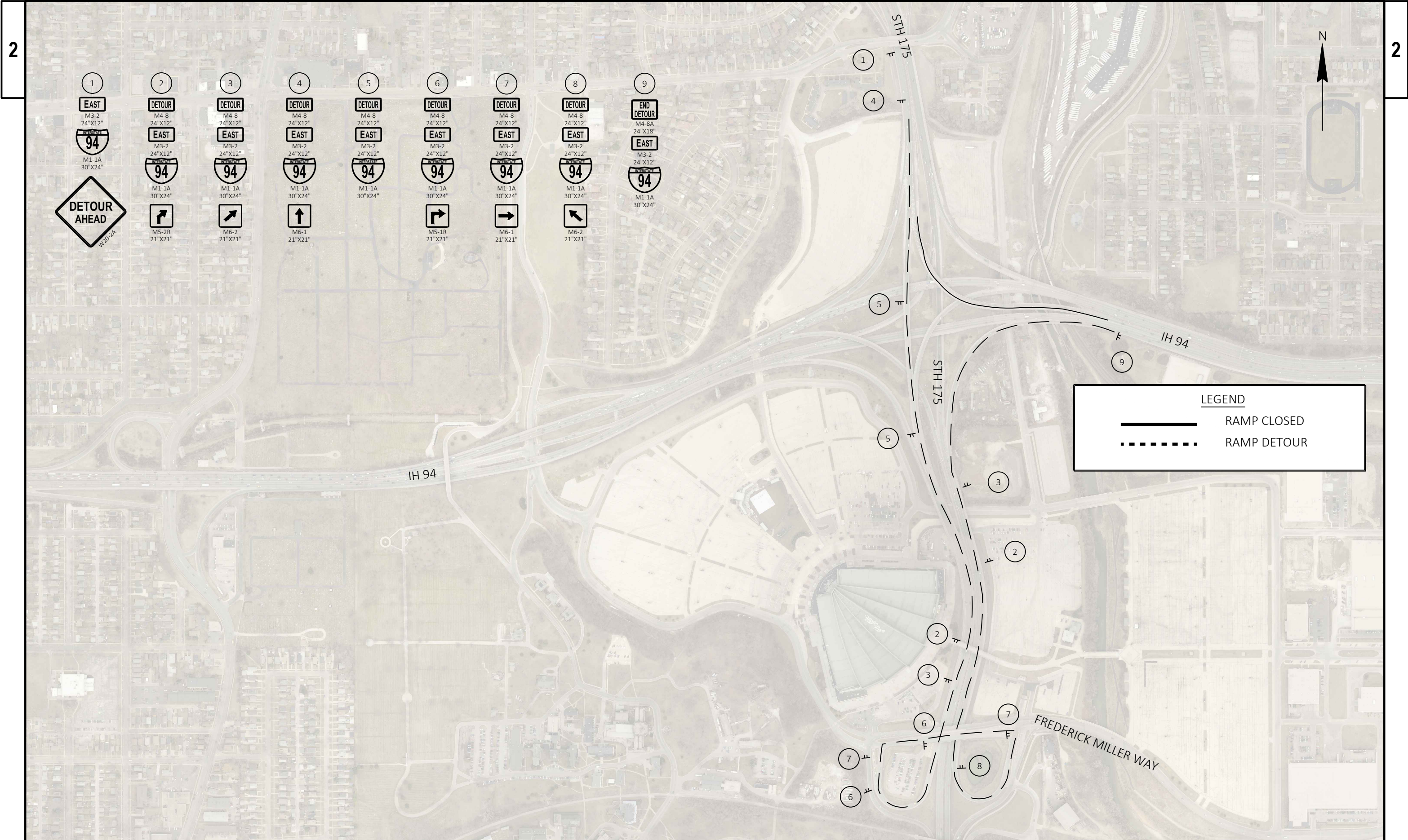
LEGEND

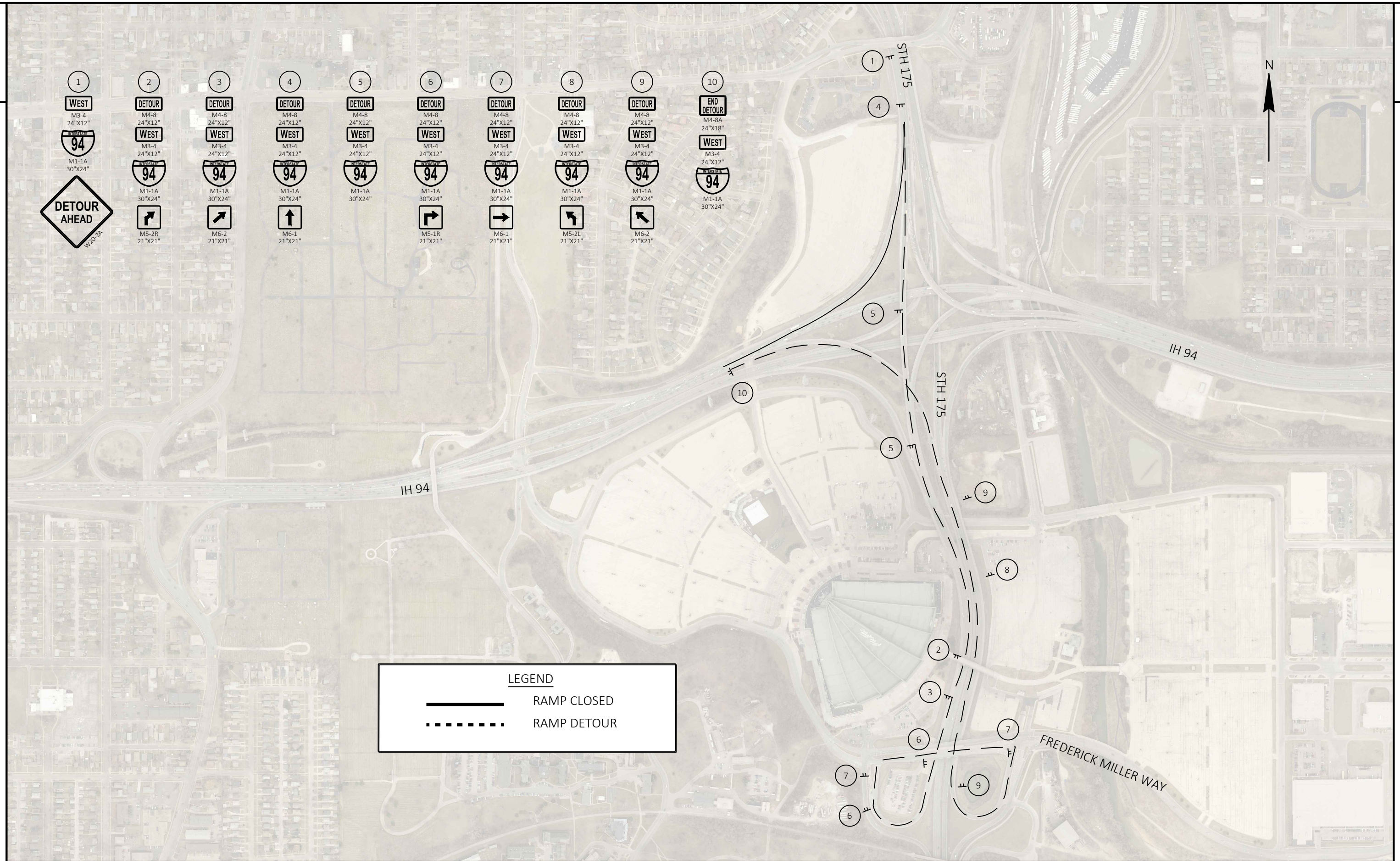
RAMP CLOSED

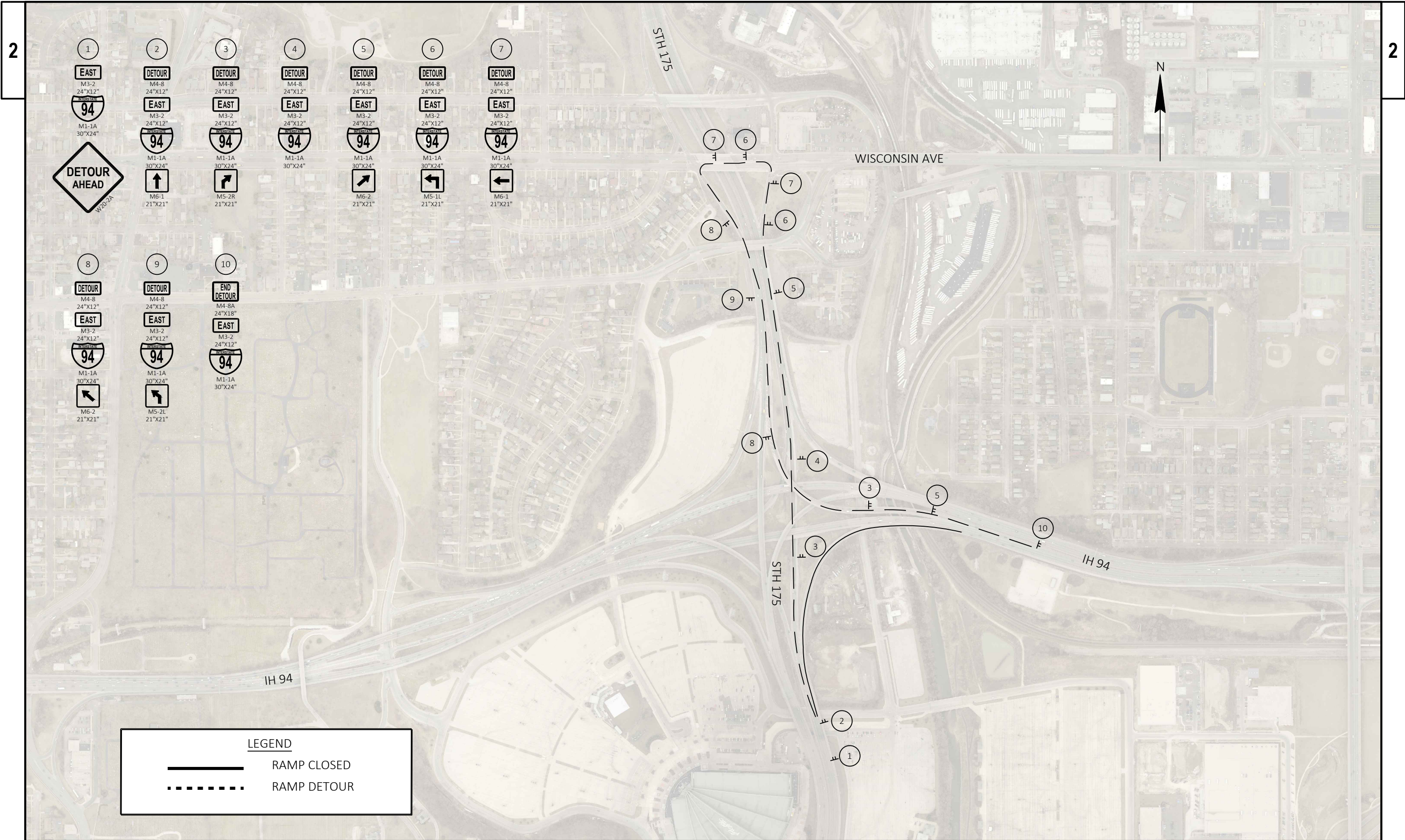
RAMP DETOUR











1

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

DETOUR AHEAD

W202A

2

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M5-2R

21"x21"

3

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M6-2

21"x21"

4

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M6-1

21"x21"

5

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M6-1

21"x21"

6

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M5-1L

21"x21"

7

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M6-1

21"x21"

8

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M5-2L

21"x21"

9

DETOUR

M4-8
24"x12"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

M6-2

21"x21"

10

END
DETOUR

M4-8A
24"x18"

SOUTH

M3-3
24"x12"

175

M1-56A
30"x24"

STH 175

WISCONSIN AVE

IH 94

IH 94

STH 175

LEGEND

RAMP CLOSED

RAMP DETOUR

PROJECT NO: 1060-11-73

HWY: IH 94

COUNTY: MILWAUKEE

DETOURS : ES RAMP - IH 94 WB RAMP TO STH 175 SB

SHEET

E

FILE NAME : N:\PDS\C3D\10601103\SHEETSP\AN\027001_DT.DWG
LAYOUT NAME - Stadium Interchange ES Ramp Detour

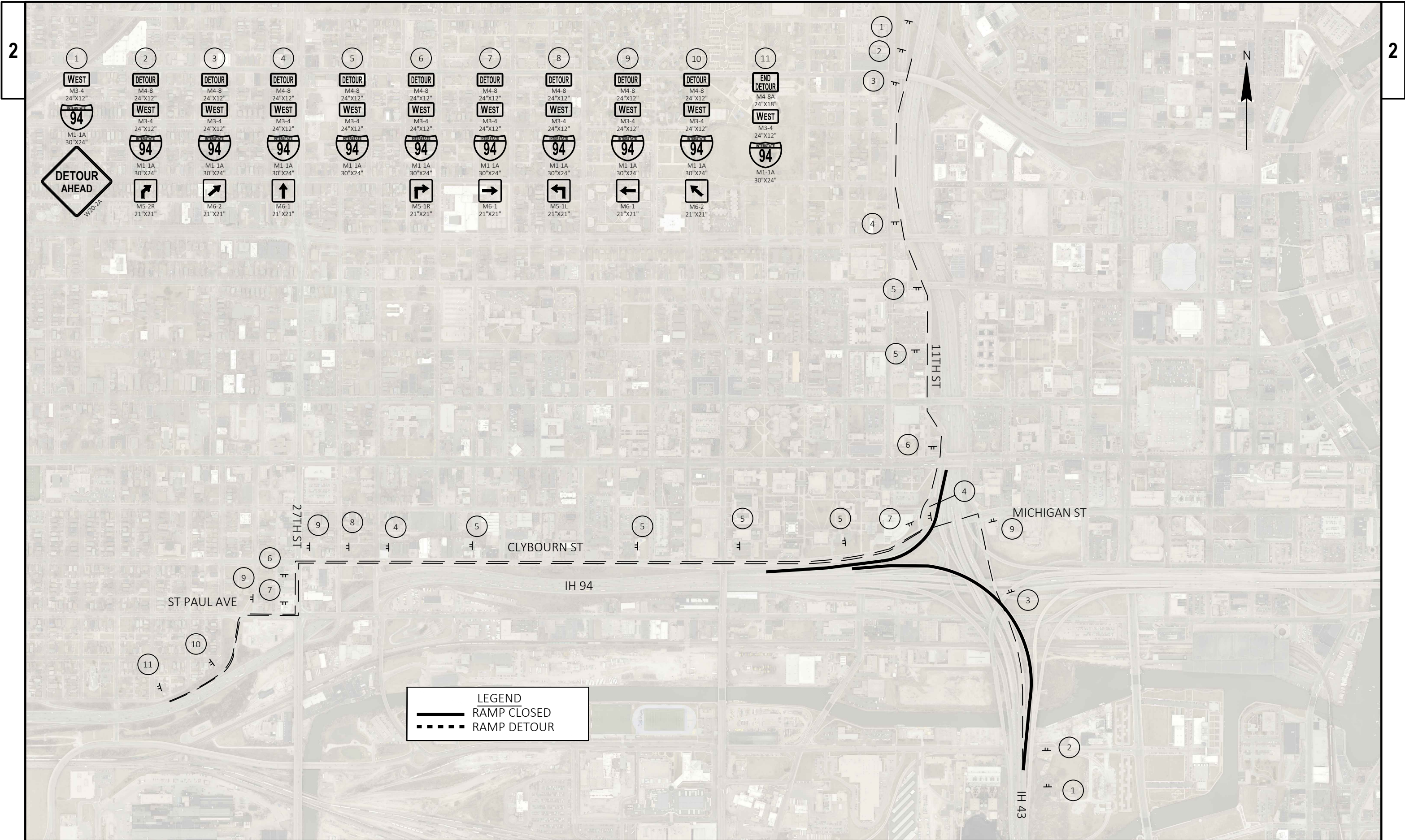
PLOT DATE : 11/8/2019 10:06 AM

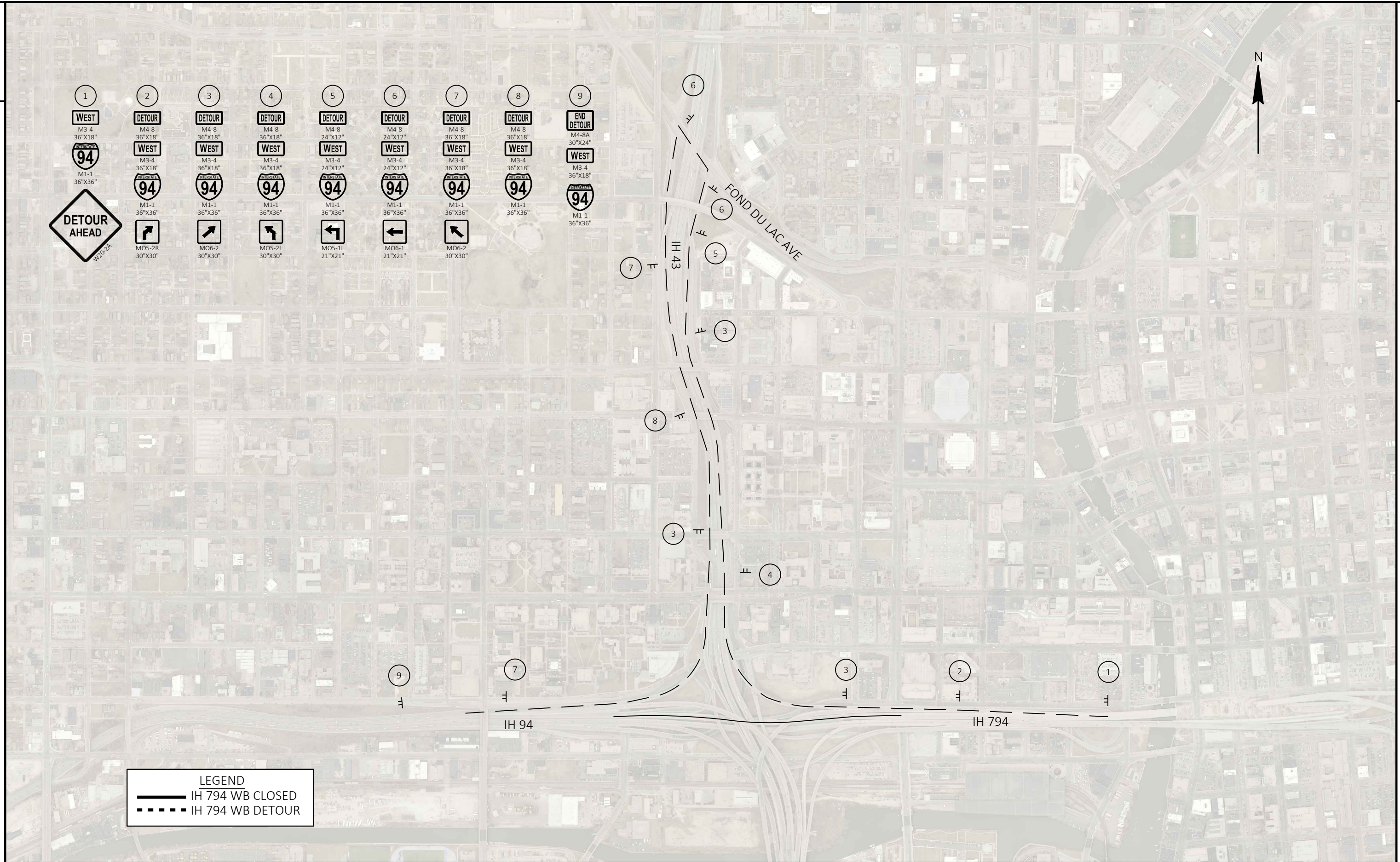
PLOT BY : MERLINE, HILARY ANN

PLOT NAME :

PLOT SCALE : 1 IN:500 FT

WISDOT/CADDs SHEET 42





MISCELLANEOUS STRUCTURE WORK

					*509.1500 CONCRETE SURFACE REPAIR SF	*SPV .0165.02 CONCRETE SURFACE REMOVAL SF
CATEGORY	STRUCTURE	ROADWAY ON	ROADWAY UNDER	ELEMENT		
2000	B-40-0015	35th St	I-41/94	South Abutment	135	-
				Pier	30	-
				North Abutment	125	-
2010	B-40-0033	I-41/94	32nd St	West Abutment	40	-
				West Pier	75	-
				East Pier	60	-
				East Abutment	-	-
2020	B-40-34	25th St	5	South Abutment	40	-
				Pier 1	100	-
				Pier 2	100	-
				North Abutment	200	-
2030	B-40-37	I-94 WB	Yount Dr	West Abutment	65	-
				East Abutment	20	-
				Soffit	-	150
2040	B-40-38	I-94 EB	Yount Dr	West Abutment	50	-
				East Abutment	60	-
				Soffit	-	75
2070	B-40-42	I-94 WB	STH 175 NB	West Abutment	-	-
				Pier 1	100	-
				Pier 2	60	-
				Pier 3	85	-
				East Abutment	-	-
2080	B-40-43	STH 57/27th St	I-94	Soffit	-	60
				South Pier Wall	100	-
				Pier	20	-
				N Abutment	150	-
2110	B-40-49-001	STH 175 SB to I-94 EB	I-94 WB	West Abut	-	-
				Pier 1 (W)	-	-
				Pier 2	100	-
				Pier 3	-	-
SUBTOTAL 1					1715	285

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

					*509.1500 CONCRETE SURFACE REPAIR SF	*SPV.0165.02 CONCRETE SURFACE REMOVAL SF
CATEGORY	STRUCTURE	ROADWAY ON	ROADWAY UNDER	ELEMENT		
2120	B-40-49-002	STH 175 SB to I-94 EB	I-94 WB to STH 175 SB	Pier 4	-	-
				Pier 5	-	-
				Pier 6	60	-
2130	B-40-49-003	STH 175 SB to I-94 EB	44th St	Pier 7	85	-
				Pier 8	-	-
				Pier 9	-	-
2140	B-40-57	St Paul/26th St	I-41/94	South Abutment	20	-
				Pier	55	-
				North Abutment	150	-
2150	B-40-81	I-94 EB & WB	Haw ley Rd	Soffit	-	400
				W Abut	-	-
				Pier 1	30	-
				Pier 2	-	-
				Pier 3	30	-
				E Abut	-	-
2180	B-40-84	I-94 EB	68th St	West Abutment	-	-
				Pier 1	20	-
				Pier 2	20	-
				East Abutment	-	-
2190	B-40-85	I-94 WB	68th St	West Abutment	-	-
				Pier 1	70	-
				Pier 2	70	-
				East Abutment	-	-
2210	B-40-550-018	N 16th St	I-94	North Abutment	20	-
				Median Pier	-	-
				South Pier	-	-
SUBTOTAL 2					630	400

	<u>SF</u>	<u>SF</u>
SUBTOTAL 1	1,715	285
SUBTOTAL 2	630	400
SHEET TOTAL	2,345	685

FINISHING ROADWAY PROJECT ID 1060-11-73

213.0100 FINISHING ROADWAY (1060-11-73)			
CATEGORY	STAGE	LOCATION	EACH
1000	ALL	PROJECT	1
TOTAL:			1

MOBILIZATION

619.1000 MOBILIZATION			
CATEGORY	STAGE	LOCATION	EACH
1000	ALL	PROJECT	1
TOTAL:			1

TRAFFIC CONTROL (PROJECT)

643.5000 TRAFFIC CONTROL			
CATEGORY	STAGE	LOCATION	EACH
1000	ALL	PROJECT	1
TOTAL:			1

CATEGORY	ROADWAY	SPV.0060.05	SPV.0060.06	643.4100.S	SPV.0060.07	SPV.0060.08
		TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTR
		CLOSE-OPEN	CLOSE-OPEN	INTERIM	FULL FREEWAY	LOCAL ROAD
		FREEWAY ENTRANCE RAMP EACH	FREEWAY TO FREEWAY SYSTEM RAMP EACH	LANE CLOSURE EACH	CLOSURE EACH	LANE CLOSURE EACH
1000	EB 94/794	11	6	92	--	9
	WB 94/794	13	8	84	1	9
	NB STH 175	1	2	--	--	--
	UNDISTRIBUTED	7	4	44	1	5
TOTALS:		32	20	220	2	23

TRAFFIC CONTROL ITEMS

				643.0300		643.0715		643.0420		643.0705		643.0800		643.0900*		643.1050		643.0920		643.1000		
				TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		
				DRUMS		WARNING LIGHTS		BARRICADES		WARNING LIGHTS		ARROW BOARDS		CONTROL SIGNS		CONTROL SIGNS		COVERING SIGNS		CONTROL SIGNS		
CATEGORY	STAGE	LOCATION	STAGE DURATION DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	SF	
1000	1A	IH 94 WB Outside Lanes	8	376	3008	80	640	10	80	20	160	3	24	37	296		0	3	24	1	4	
	1A	Service Ramps	8	100	800	20	160	20	160	40	320	0	0	42	336		0	2	16	4	16	
	1B	IH 94 WB Inside Lanes	8	215	1720	26	208	11	88	22	176	3	24	35	280		0	1	8	1	4	
	1B	Service Ramps	8	50	400	10	80	10	80	20	160	0	0	21	168		0	1	8	2	8	
	1C	IH 94 EB Outside Lanes	8	551	4408	46	368	6	48	12	96	3	24	31	248		0	0	0	0	0	
	1C	Service Ramps	8	100	800	20	160	20	160	40	320	0	0	42	336		0	2	16	4	16	
	1D	IH 94 EB Inside Lanes	8	188	1504	28	224	6	48	12	96	3	24	26	208		0	0	0	0	0	
	1D	Service Ramps	8	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
																					0	
	2A	IH 94 WB Outside Lanes	8	265	2120	54	432		0	0	0	0	0	0	0		0		0		0	
	2A	Service Ramps	8	100	800	20	160	20	160	40	320	0	0	42	336		0	2	16	4	16	
	2B	IH 94 WB Inside Lanes	8	160	1280	38	304		0	0	0	0	0	0	0		0		0		0	
	2B	Service Ramps	8	110	880	30	240	22	176	44	352	0	0	47	376		0	1	8	4	16	
	2C	IH 94 EB Outside Lanes	10	180	1800	26	260		0	0	0	0	0	0	0		0		0		0	
	2C	Service Ramps	10	80	800	20	200	16	160	32	320	0	0	34	340		0	1	10	3	12	
	2D	IH 94 EB Inside Lanes	10	175	1750	27	270		0	0	0	0	0	0	0		0		0		0	
	2D	Service Ramps	10	80	800	20	200	16	160	32	320	0	0	34	340		0	1	10	3	12	
	2E	STH 175 West	36	105	3780	24	864		0	0	0	0	2	72	22	792	0	0	0	0	1	4
	2F	STH 175 East	36	79	2844	0	0	6	216	12	432	0	0	30	1080	0	0	7	252	1	4	
																					0	
	3A	IH 94 WB Outside Lanes	5	70	350	0	0	12	60	24	120	0	0	8	40		0		0		0	
	3A	Service Ramps	10	50	500	10	100	14	140	28	280	0	0	29	290		0	2	20	3	12	
	3B	IH 94 WB Inside Lanes	5	363	1815	71	355	19	95	38	190	2	10	28	140	4	80		0		0	
	3B	Service Ramps	10	120	1200	40	400	24	240	48	480	0	0	52	520		0		0	4	16	
	3C	IH 94 EB Outside Lanes	5	323	1615	13	65	15	75	30	150	2	10	38	190		0	2	10	1	4	
	3C	Service Ramps	10	130	1300	30	300	26	260	52	520	0	0	55	550		0	2	20	5	20	
	3D	IH 94 EB Inside Lanes	5	347	1735	42	210	16	80	32	160	3	15	50	250		0	3	15	2	8	
	3D	Service Ramps	10	80	800	20	200	16	160	32	320	0	0	34	340		0	1	10	3	12	
																					0	
Side Road Closures																						
	1	70th St	5		0		0	10	50	20	100		0	4	20		0		0		0	
	1	68th St	5		0		0	10	50	20	100		0	4	20		0		0		0	
	1	Hawley Rd	5		0		0	10	50	20	100		0	4	20		0		0		0	
	3	27th St	5		0		0	10	50	20	100		0	4	20		0		0		0	
	1	64th St	5		0		0	10	50	20	100		0	4	20		0		0		0	
	2	N General Mitchell Blvd	5		0		0	10	50	20	100		0	4	20		0		0		0	
	2	Yount Dr.	5		0		0	10	50	20	100		0	4	20		0		0		0	
	2	44th St	5		0		0	10	50	20	100		0	4	20		0		0		0	
	3	32nd St	5		0		0	10	50	20	100		0	4	20		0		0		0	
UNDISTRIBUTED					9702		1600		774		1548		51		1909		20		111		46	
TOTALS:					48,511		8,000		3,870		7,740		254		9,545		100		554		230	

*Additional Quantities Show n Elsew here in Plans

TRAFFIC CONTROL DETOUR ITEMS

643.0900*

CATEGORY	STAGE	LOCATION	STAGE DURATION DAYS	TRAFFIC CONTROL SIGNS	
				EACH	DAYS
1000	1A	NW Stadium Ramp	8	52	416
	1B	SW Stadium Ramp	8	53	424
	1C	None	8	0	0
	1D	None	8	0	0
	2A	NW and ES Stadium Ramps	8	103	824
	2B	SW and ES Stadium Ramps	8	104	832
	2C	WS Stadium Ramp	10	55	550
	2D	WN and NE Stadium Ramps	10	104	1040
	2E	SW Stadium Ramp	36	53	1908
	2F	SE Stadium Ramp	36	57	2052
	3A	Marquette SW and NW Ramps	5	91	455
	3B	IH 794	5	49	245
	3C	NE Stadium Ramp	5	52	260
	3D	NE and SE Stadium Ramps	5	109	545
	UNDISTRIBUTED				2388
TOTALS:				11,939	

*Additional Quantities Show n Elsew here in Plans

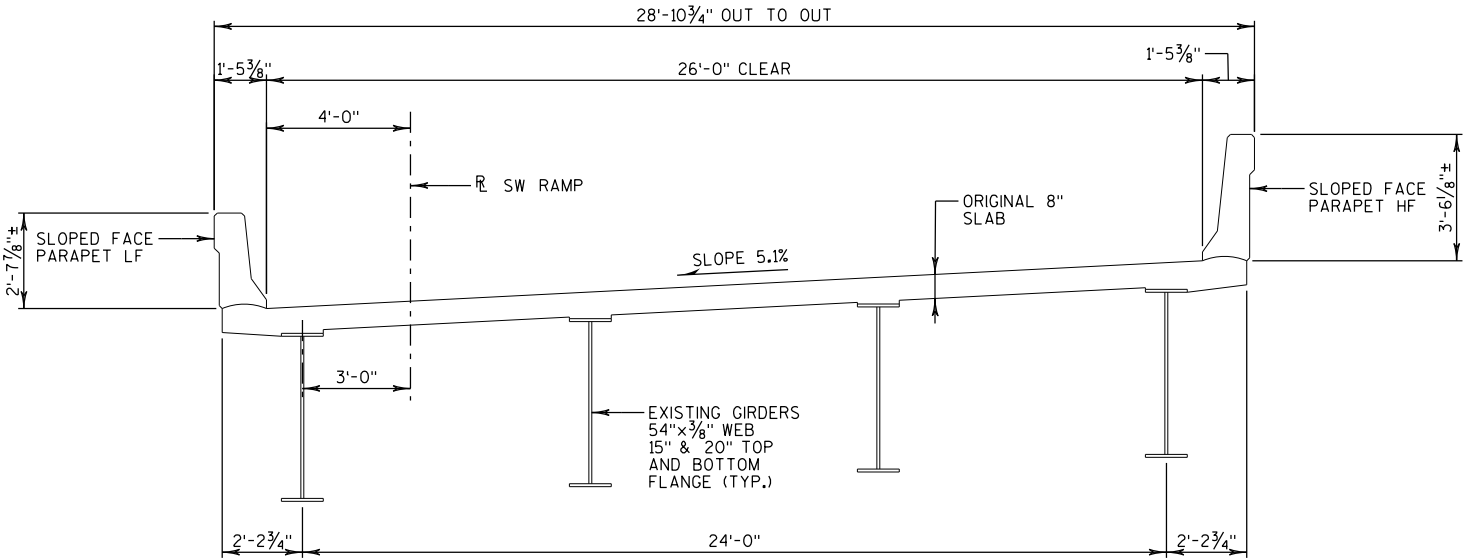


LEGEND

2-01 QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER. REMOVAL OF EXISTING FIBER WRAP REINFORCING IS INCIDENTAL TO THE "FIBER WRAP REINFORCING NON-STRUCTURAL" ITEM.

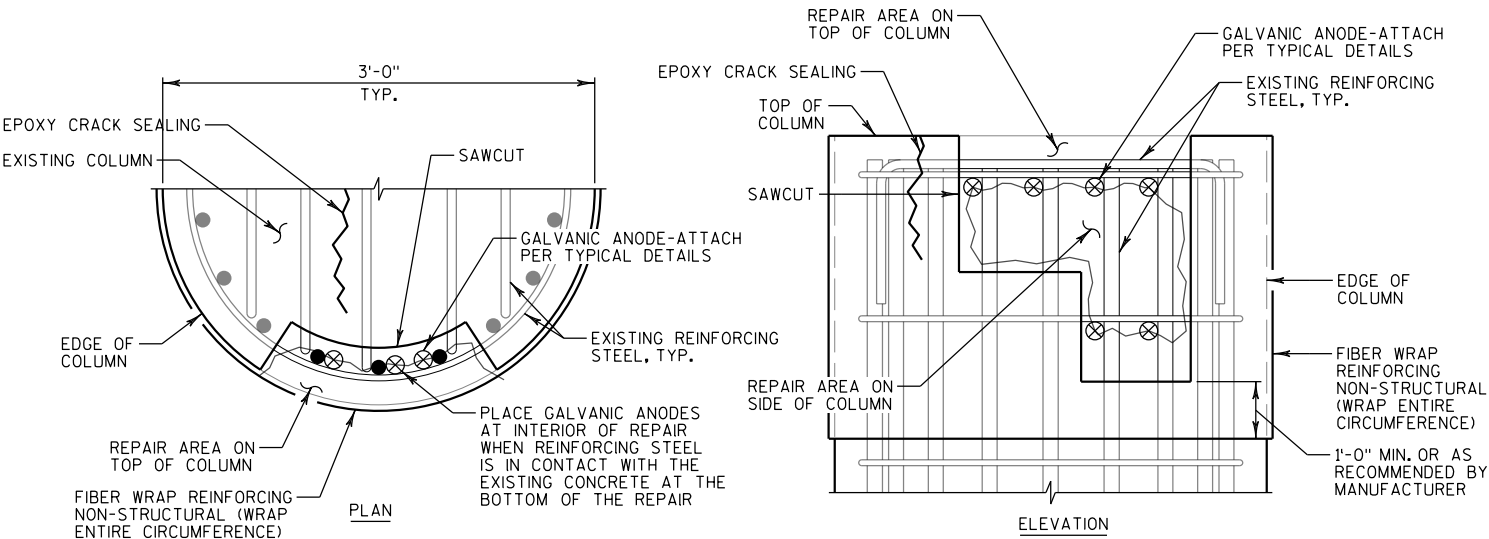
ABBREVIATIONS:

- ABUT. - ABUTMENT
- B.F. - BACK FACE
- BOT - BOTTOM
- BRG. - BEARING
- CL. - CLEAR
- CONST. - CONSTRUCTION
- DIA. - DIAMETER
- E.F. - EACH FACE
- F.F. - FRONT FACE
- HORIZ. - HORIZONTAL
- JT. - JOINT
- LONG. - LONGITUDINAL
- PPT. - PARAPET
- SPA. - SPACED
- STD. - STANDARD
- T&B - TOP AND BOTTOM
- TRANS. - TRANSVERSE
- TYP. - TYPICAL
- VERT. - VERTICAL

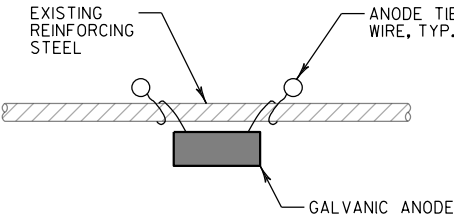
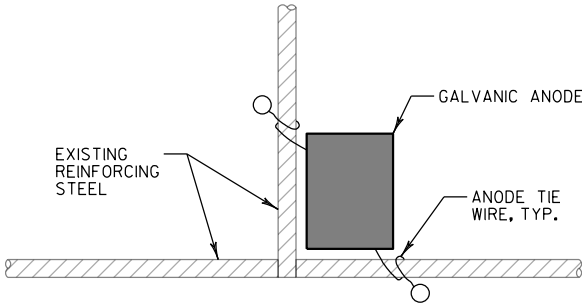


EXISTING CROSS SECTION THRU ROADWAY

(LOOKING WEST)
(DIMENSIONS ARE RADIAL TO CL SW RAMP)



PARTIAL PLAN TYPICAL PIER COLUMN REPAIR DETAILS



TYPICAL INSTALLATION AT BAR STEEL INTERSECTION

TYPICAL INSTALLATION FOR BAR STEEL

CATHODIC PROTECTION REPAIR NOTES

SEE SPECIAL PROVISIONS "EMBEDDED GALVANIC ANODES" FOR DESCRIPTION, MATERIALS, CONSTRUCTION, MEASUREMENT, AND PAYMENT INFORMATION.

ANODES NEAREST TO EDGE OF REPAIR TO BE WITHIN 6" OF EDGE.

AFTER PLACEMENT, GALVANIC ANODES SHOULD MAINTAIN A MINIMUM TOP COVER OF 1 1/2" AND A MINIMUM BOTTOM COVER OF 3/4".

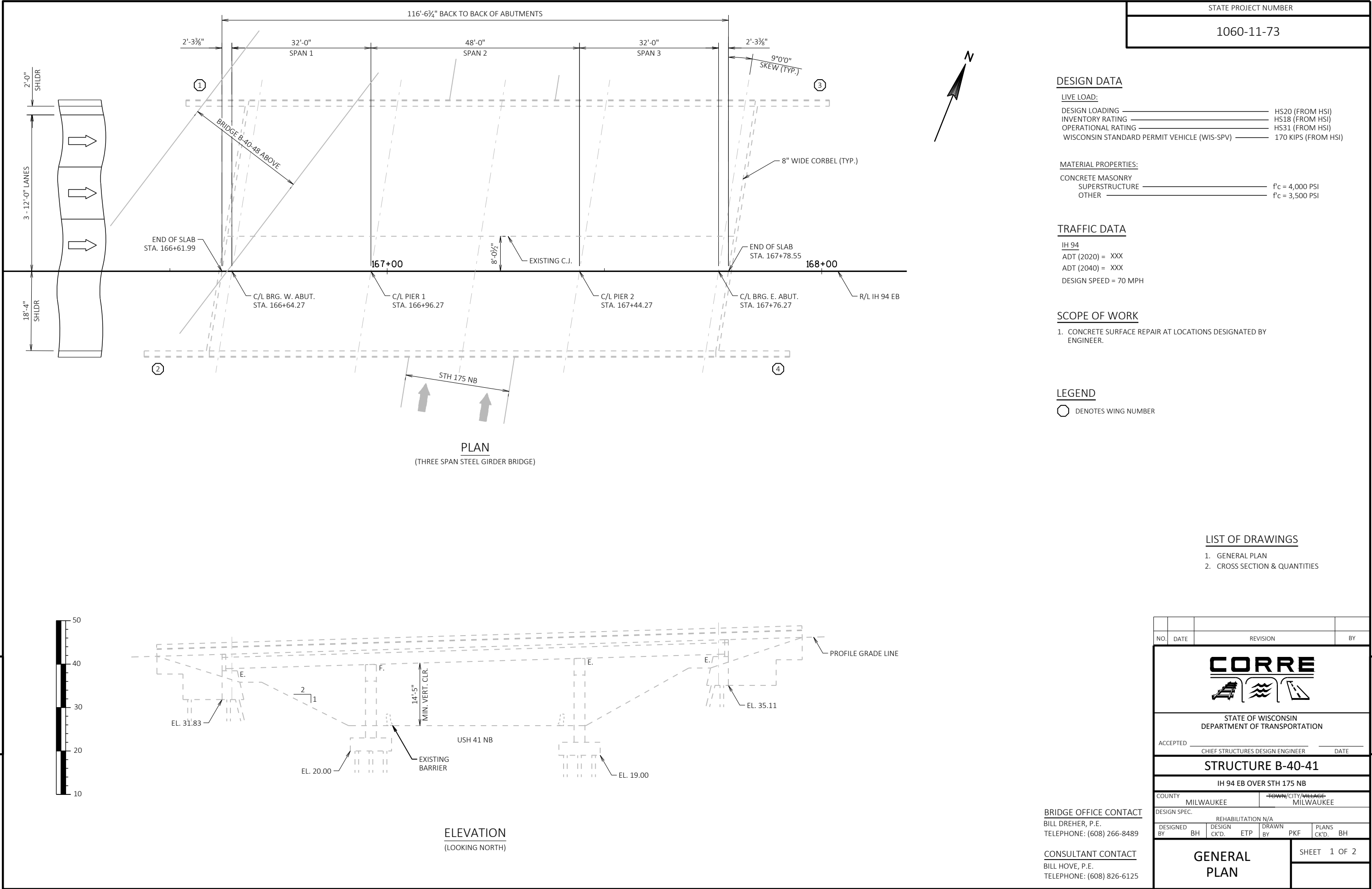
EXISTING REINFORCING STEEL TO BE COMPLETELY CLEANED OF CORRODED MATERIAL PRIOR TO INSTALLATION OF GALVANIC ANODES.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	EAST ABUTMENT	PIER 1	PIER 2	PIER 3	WEST ABUTMENT	SUPER.	TOTALS
509.1500	CONCRETE SURFACE REPAIR	SF	40	15	50	25	80	60	270
509.9020.S	EPOXY CRACK SEALING	LF	--	50	30	40	--	--	120
SPV.0060.01	EMBEDDED GALVANIC ANODES	EACH	--	10	30	15	--	--	55
SPV.0165.01	FIBER WRAP REINFORCING NON-STRUCTURAL	SF	--	100	100	60	--	--	260
NON-BID ITEMS									

ALL ITEMS ARE CATEGORY 2050.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-39			
DRAWN BY TKB		PLANS CK'D. BH	
CROSS SECTION & QUANTITIES			SHEET 2 OF 2



"CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.

[illegible]

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-41			
		DRAWN BY	PLANS CK'D.
		PKF	BH
CROSS SECTION & QUANTITIES		SHEET 2 OF 2	

DESIGN DATA

LIVE LOAD:
DESIGN LOADING _____ HS - 20 (FROM HSI)
INVENTORY RATING _____ HS - 17 (FROM HSI)
OPERATIONAL RATING _____ HS - 29 (FROM HSI)
WISCONSIN STANDARD PERMIT _____
VEHICLE (WIS-SPV) _____ 250 KIPS (FROM HSI)

TRAFFIC DATA

A.A.D.T. (20XX) = XXXX
R.D.S. = 70 MPH

SCOPE OF WORK B-40-46

1. CONCRETE SURFACE REPAIR AT LOCATIONS DESIGNATED BY ENGINEER.
2. BEARING REPLACEMENT AT BOTH ABUTMENTS.

LEGEND

* EXISTING THRIE BEAM ATTACHMENT.

(X) INDICATES WING NUMBER.

[X-XX] SEE SHEET 2 FOR CALLOUTS.

GENERAL NOTES

1. DRAWINGS SHALL NOT BE SCALED.
2. DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
3. VERTICAL CLEARANCES ARE BASED ON THE INSPECTION REPORT.
4. CONCRETE SURFACE REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE APPROXIMATE.

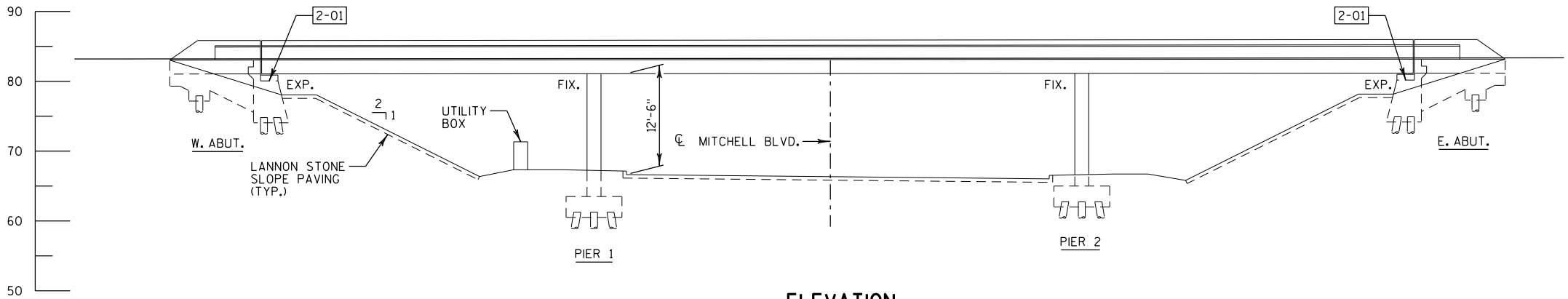
LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION & QUANTITIES
3. BEARING REPLACEMENT DETAILS-1
4. BEARING REPLACEMENT DETAILS-2



GENERAL PLAN

(MISC. REPAIRS - 3-SPAN VOIDED CONCRETE SLAB BRIDGE)



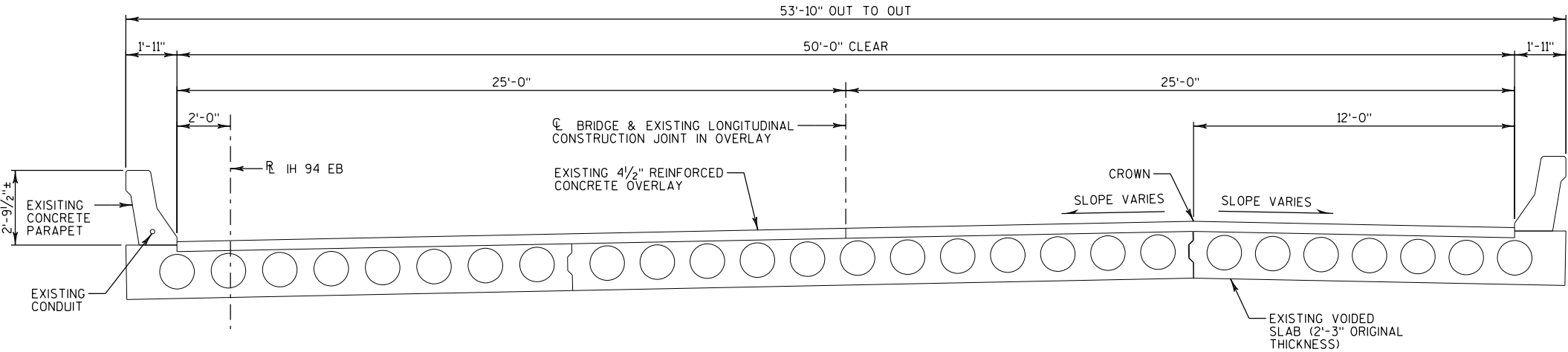
ELEVATION

(NORMAL TO SUBSTRUCTURES)

BUREAU OF STRUCTURES CONTACT:
BILL DREHER (608) 266-8489

CONSULTANT CONTACT:
BILL HOVE (608) 826-6125

NO.	DATE	REVISION	BY
CORRE Structural Environmental Municipal Transportation 6510 GRAND TETON PLAZA, SUITE 314 MILWAUKEE, WI 53119 (608) 826-6125 www.corr-engineering.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE _____			
STRUCTURE B-40-46			
IH 94 EB OVER MITCHELL BOULEVARD			
COUNTY	MILWAUKEE	TOWN/CITY/VILLAGE	MILWAUKEE
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	BH	DESIGN CK'D.	ETP
DRAWN BY	TKB	PLANS CK'D.	BH
GENERAL PLAN & ELEVATION			SHEET 1 OF 4



EXISTING CROSS SECTION THRU ROADWAY

(LOOKING EAST)
(DIMENSIONS ARE RADIAL TO R IH 94 EB)

LEGEND

- 2-01 ABUTMENT BEARINGS TO BE REPLACED (TYP.)
- 2-02 "CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.
- 2-03 ITEM COVERS CLEANING AND PAINTING OF THE EXISTING ANCHOR PLATE ONLY, AS SHOWN IN THE BEARING DETAILS.
- 2-04 "CONCRETE SURFACE REMOVAL" ITEM COVERS REMOVAL OF LOOSE CONCRETE OVER THE ROAD OR SIDEWALK BELOW WITHOUT PATCHING. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REMOVAL LOCATIONS WITH THE ENGINEER.

ABBREVIATIONS:

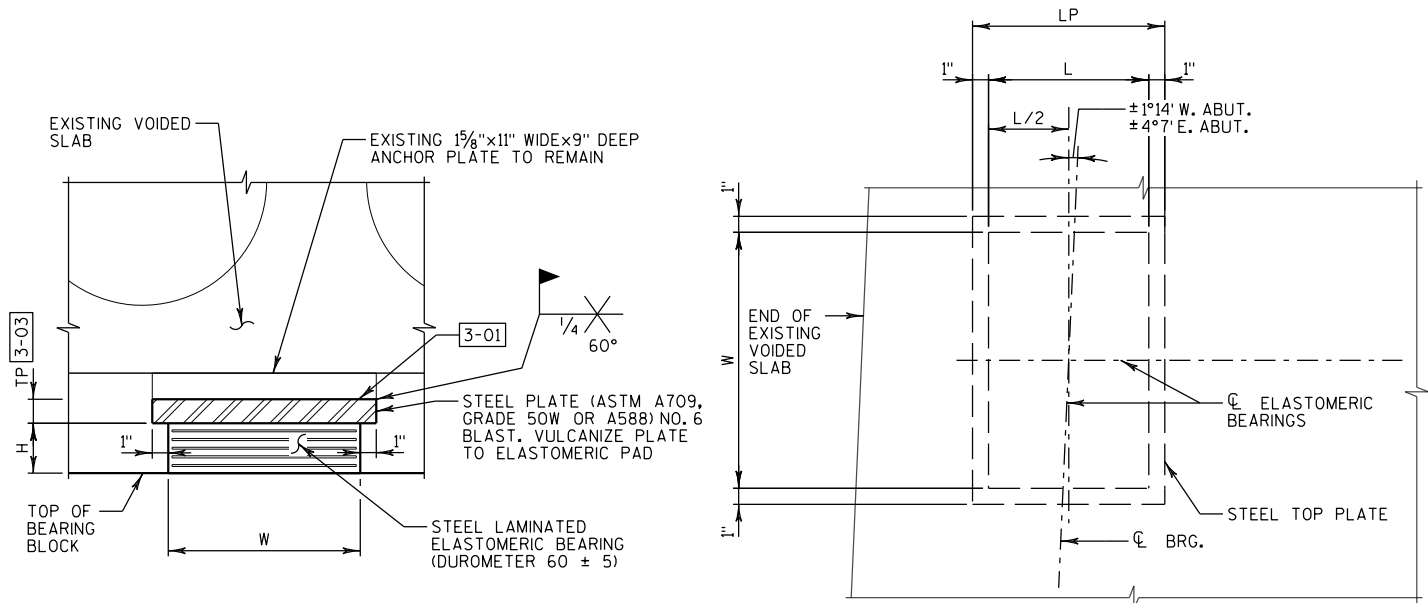
- ABUT. - ABUTMENT
- B.F. - BACK FACE
- BOT - BOTTOM
- BRG. - BEARING
- CL. - CLEAR
- CONST. - CONSTRUCTION
- DIA. - DIAMETER
- E.F. - EACH FACE
- F.F. - FRONT FACE
- HORIZ. - HORIZONTAL
- JT. - JOINT
- LONG. - LONGITUDINAL
- PPT. - PARAPET
- SPA. - SPACED
- STD. - STANDARD
- T&B - TOP AND BOTTOM
- TRANS. - TRANSVERSE
- TYP. - TYPICAL
- VERT. - VERTICAL

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	WEST ABUTMENT	PIER 1	PIER 2	EAST ABUTMENT	SUPER.	TOTALS
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	7	--	--	7	--	14
506.7050.S.01	REMOVING BEARINGS B-40-46	EACH	7	--	--	7	--	14
2-02 509.1500	CONCRETE SURFACE REPAIR	SF	50	50	50	50	100	300
SPV.0060.02	PRECAST CONCRETE BEARING BLOCK	EACH	7	--	--	7	--	14
2-03 SPV.0060.03	CLEANING AND PAINTING BEARINGS	EACH	7	--	--	7	--	14
2-04 SPV.0165.02	CONCRETE SURFACE REMOVAL	SF	--	--	--	--	400	400
NON-BID ITEMS								

ALL ITEMS ARE CATEGORY 2090.

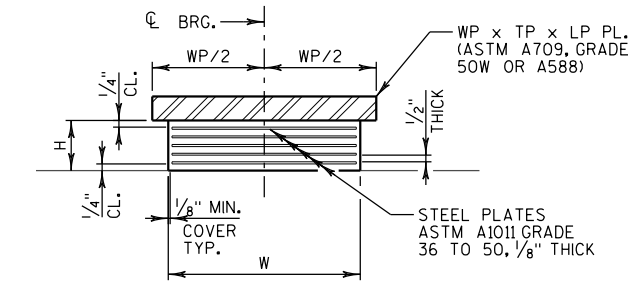
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-46			
DRAWN BY TKB		PLANS CK'D. BH	
CROSS SECTION & QUANTITIES		SHEET 2 OF 4	



FRONT ELEVATION

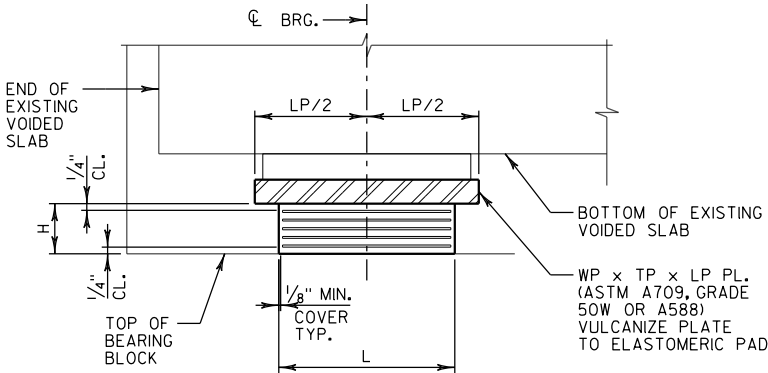
PLAN VIEW

(BEARING BLOCK NOT SHOWN)



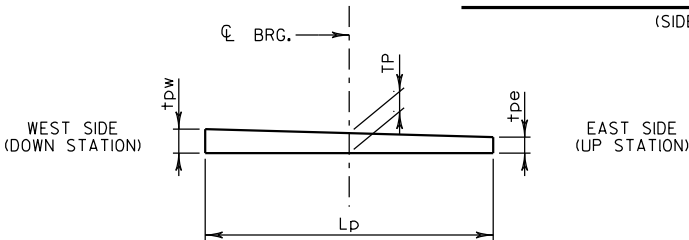
SECTION THRU ELASTOMERIC BEARING

(FRONT ELEVATION)



SECTION THRU ELASTOMERIC BEARING

(SIDE ELEVATION)



TAPERED PLATE DIAGRAM

EXPANSION BEARING REPLACEMENT

(REQUIRED AT WEST & EAST ABUTMENTS)

BEARING NOTES:

REMOVAL OF THE EXISTING BEARINGS SHALL BE PAID AT THE UNIT BID PRICE FOR "REMOVING BEARINGS B-40-46".

ADHESIVE ANCHORS, GROUT, STEEL PLATES AND PRECAST BEARING BLOCK, WHICH INCLUDES THE REINFORCING, SHALL BE PAID AT THE UNIT BID PRICE FOR "PRECAST CONCRETE BEARING BLOCK".

ALL OTHER MATERIAL USED FOR BEARINGS SHALL BE PAID AT THE UNIT BID PRICE FOR "BEARING PADS ELASTOMERIC LAMINATED".

BEARINGS SHALL NOT BE PLACED AT A TEMPERATURE GREATER THAN 85°F.

ALL STRUCTURAL STEEL PLATES SHALL BE FLAT ROLLED WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL.

ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.

ALL BEARINGS ARE SYMMETRICAL ABOUT CL OF GIRDER AND CL OF ELASTOMERIC BEARING.

LEGEND

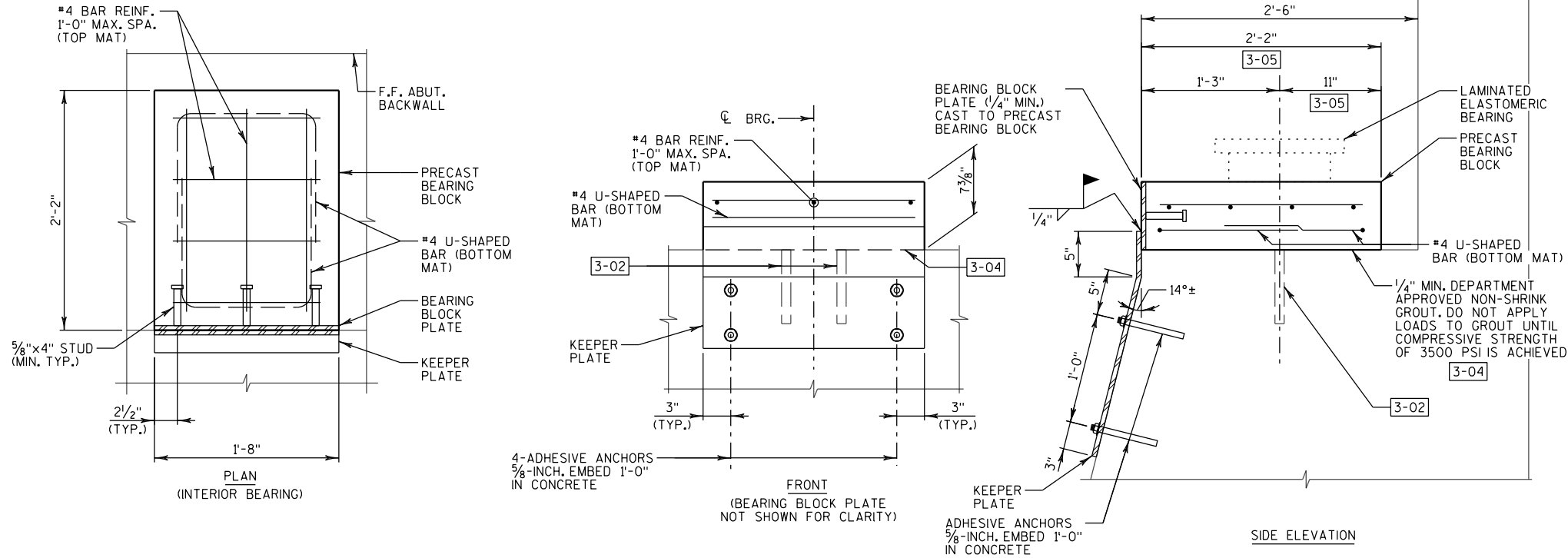
- 3-01 WELD STEEL PLATE DIRECTLY TO EXISTING ANCHOR PLATE. CLEAN AND PAINT EXISTING ANCHOR PLATE PER BID ITEM "CLEANING AND PAINTING BEARINGS" PRIOR TO PLACEMENT OF NEW BEARINGS. SEAL FRONT AND BACK (NON-WELDED) SIDES WITH CAULK.
- 3-02 REMOVE EXISTING EXPANSION BEARINGS AND EXISTING ANCHOR BOLTS FLUSH WITH CONCRETE BEARING SURFACE AND GRIND SMOOTH.
tpw = PLATE THICKNESS AT WEST SIDE OF SUBSTRUCTURE.
tpe = PLATE THICKNESS AT EAST SIDE OF SUBSTRUCTURE.
- 3-03 SEE TAPERED PLATE DIAGRAM.
- 3-04 ADJUST GROUT DEPTH TO OBTAIN REQUIRED HEIGHT FROM TOP OF BEARING BLOCK TO BOTTOM OF EXISTING ANCHOR PLATE (MEASURED PRIOR TO JACKING).
- 3-05 INTERIOR BEARING DIMENSIONS. SEE PLAN VIEW FOR EXTERIOR BEARING DIMENSIONS.

LOCATION	BEARING	LAMINATED BEARING HEIGHT H (INCHES)	TOTAL ELASTOMER THICKNESS (INCHES)	NUMBER OF PLATES REQUIRED	LONGITUDINAL LENGTH OF BEARING L (MIN.) (INCHES)	HORIZONTAL WIDTH OF BEARING W (INCHES)	LONGITUDINAL LENGTH OF PLATE LP (MIN.) (INCHES)	HORIZONTAL WIDTH OF PLATE WP (INCHES)	THICKNESS OF PLATE		
									tpw (INCHES)	TP (INCHES)	tpe (INCHES)
WEST ABUTMENT	ALL	1 1/4	1	2	12	9	14	11	1 1/2	1 1/2	1 1/2
EAST ABUTMENT	ALL	1 1/4	1	2	12	9	14	11	1 1/2	1 1/2	1 1/2

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-46			
DRAWN BY TKB		PLANS CK'D. BH	
BEARING REPLACEMENT DETAILS-1			SHEET 3 OF 4

LEGEND

X-XX SEE SHEET 3 FOR LEGEND.



PRECAST BEARING BLOCK DETAILS

APPLY INTERIOR BEARING DETAILS TO EXTERIOR BEARINGS (EXCEPT WIDTH).

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-46			
DRAWN BY	TKB	PLANS CK'D.	BH
BEARING REPLACEMENT DETAILS-2		SHEET 4 OF 4	

DESIGN DATA

LIVE LOAD:
DESIGN LOADING _____ HS - 20 (FROM HSI)
INVENTORY RATING _____ HS - 19 (FROM HSI)
OPERATIONAL RATING _____ HS - 32 (FROM HSI)
WISCONSIN STANDARD PERMIT _____
VEHICLE (WIS-SPV) _____ 250 KIPS (FROM HSI)

TRAFFIC DATA

A.A.D.T. (20XX) = XXXX
R.D.S. = 70 MPH

SCOPE OF WORK B-40-47

1. CONCRETE SURFACE REPAIR AT LOCATIONS DESIGNATED BY ENGINEER.
2. BEARING REPLACEMENT AT BOTH ABUTMENTS.

LEGEND

* EXISTING THRIE BEAM ATTACHMENT.

(X) INDICATES WING NUMBER.

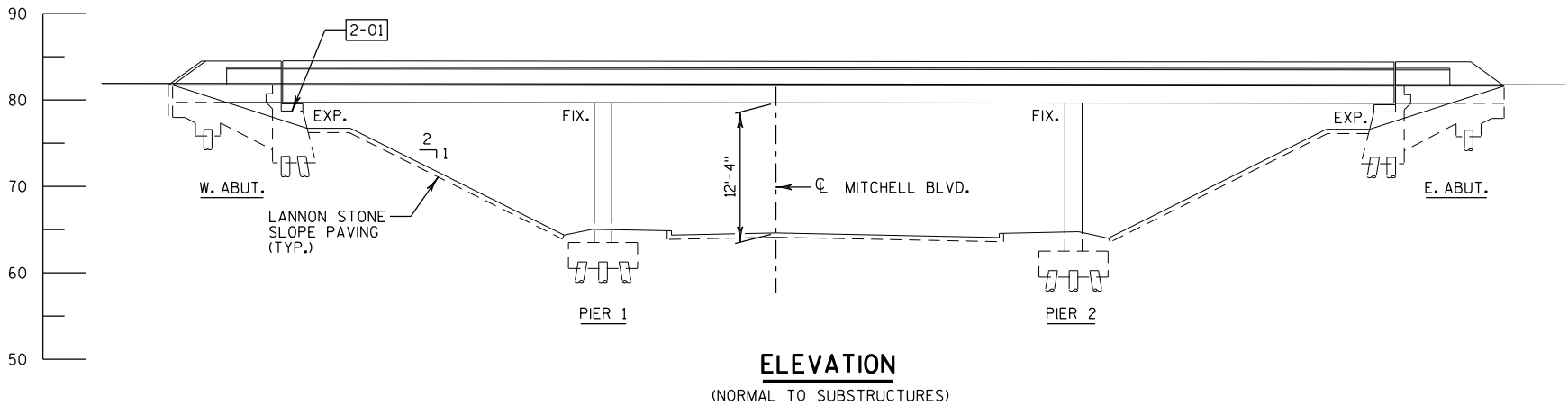
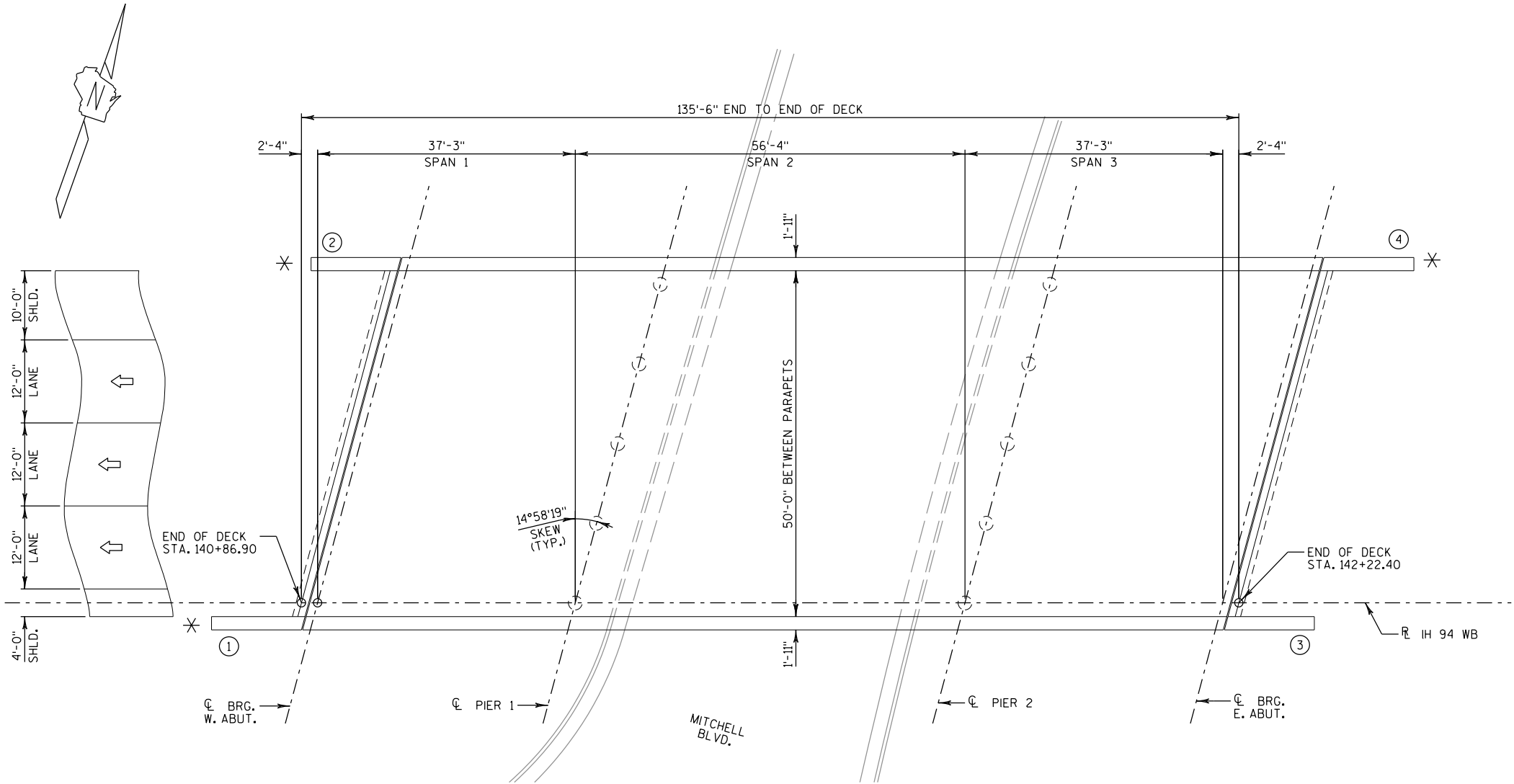
X-XX SEE SHEET 2 FOR CALLOUTS.

GENERAL NOTES

1. DRAWINGS SHALL NOT BE SCALED.
2. DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
3. VERTICAL CLEARANCES ARE BASED ON THE INSPECTION REPORT.
4. CONCRETE SURFACE REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE APPROXIMATE.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION & QUANTITIES
3. BEARING REPLACEMENT DETAILS-1
4. BEARING REPLACEMENT DETAILS-2



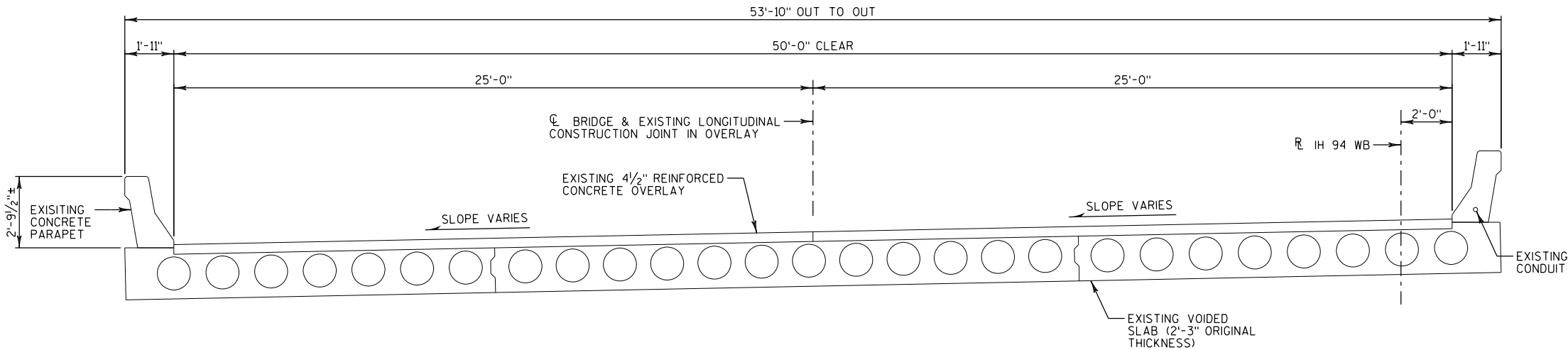
ELEVATION

(NORMAL TO SUBSTRUCTURES)

BUREAU OF STRUCTURES CONTACT:
BILL DREHER (608) 266-8489

CONSULTANT CONTACT:
BILL HOVE (608) 826-6125

NO.	DATE	REVISION	BY
CORRE Structural Environmental Municipal Transportation 6500 GRAND TETON PLAZA, SUITE 314 MILWAUKEE, WI 53119 (414) 826-6125 www.corr-engineering.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE _____			
STRUCTURE B-40-47			
IH 94 WB OVER MITCHELL BOULEVARD			
COUNTY	MILWAUKEE	TOWN/CITY/VILLAGE	MILWAUKEE
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	BH	DESIGN CK'D.	ETP
DRAWN BY	TKB	PLANS CK'D.	BH
GENERAL PLAN & ELEVATION			SHEET 1 OF 4



EXISTING CROSS SECTION THRU ROADWAY
(LOOKING EAST)

LEGEND

- 2-01 ABUTMENT BEARINGS TO BE REPLACED (TYP.)
- 2-02 "CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.
- 2-03 ITEM COVERS CLEANING AND PAINTING OF THE EXISTING ANCHOR PLATE ONLY, AS SHOWN IN THE BEARING DETAILS.
- 2-04 "CONCRETE SURFACE REMOVAL" ITEM COVERS REMOVAL OF LOOSE CONCRETE OVER THE ROAD OR SIDEWALK BELOW WITHOUT PATCHING. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REMOVAL LOCATIONS WITH THE ENGINEER.

ABBREVIATIONS:

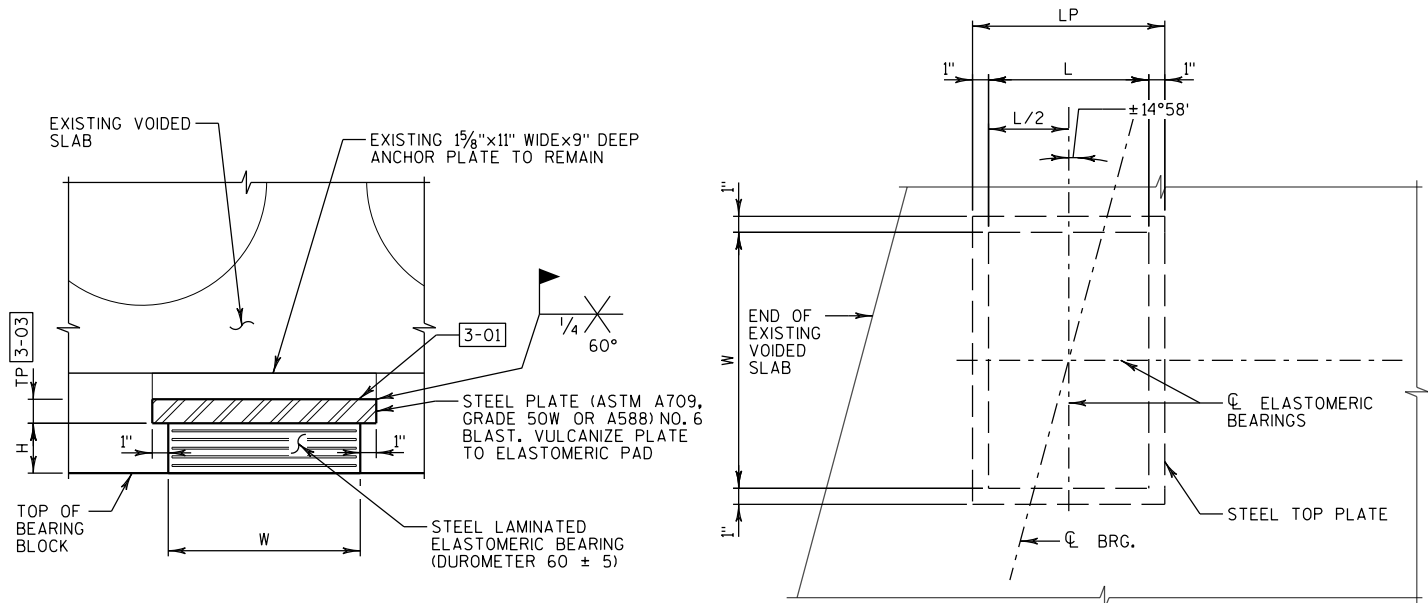
- ABUT. - ABUTMENT
B.F. - BACK FACE
BOT - BOTTOM
BRG. - BEARING
CL. - CLEAR
CONST. - CONSTRUCTION
DIA. - DIAMETER
E.F. - EACH FACE
F.F. - FRONT FACE
HORIZ. - HORIZONTAL
JT. - JOINT
LONG. - LONGITUDINAL
PPT. - PARAPET
SPA. - SPACED
STD. - STANDARD
T&B - TOP AND BOTTOM
TRANS. - TRANSVERSE
TYP. - TYPICAL
VERT. - VERTICAL

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	WEST ABUTMENT	PIER 1	PIER 2	EAST ABUTMENT	SUPER.	TOTALS
203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-47	LS	--	--	--	--	--	1
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	7	--	--	7	--	14
506.7050.S.02	REMOVING BEARINGS B-40-47	EACH	7	--	--	7	--	14
2-02 509.1500	CONCRETE SURFACE REPAIR	SF	50	50	50	50	100	300
SPV.0060.02	PRECAST CONCRETE BEARING BLOCK	EACH	7	--	--	7	--	14
2-03 SPV.0060.03	CLEANING AND PAINTING BEARINGS	EACH	7	--	--	7	--	14
2-04 SPV.0165.02	CONCRETE SURFACE REMOVAL	SF	--	--	--	--	600	600
	NON-BID ITEMS							

ALL ITEMS ARE CATEGORY 2100.

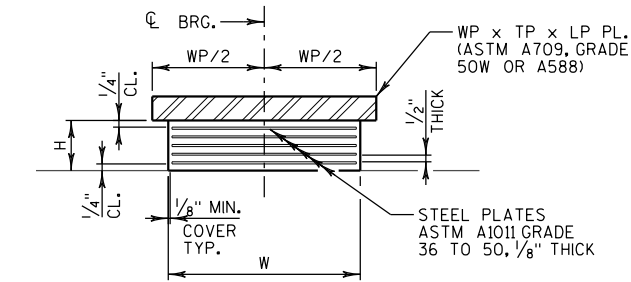
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-47			
DRAWN BY TKB		PLANS CK'D. BH	
CROSS SECTION & QUANTITIES			SHEET 2 OF 4



FRONT ELEVATION

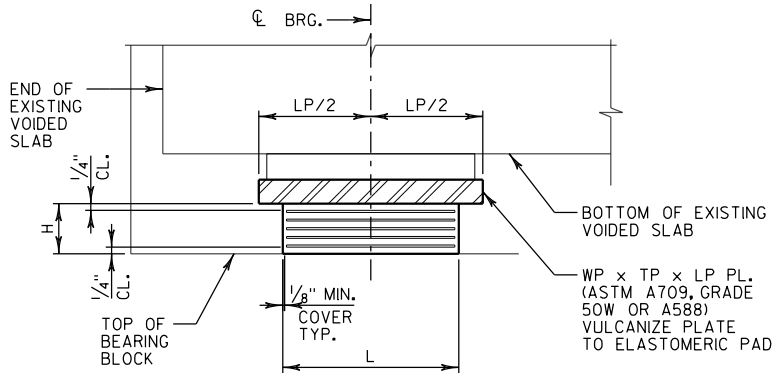
PLAN VIEW

(BEARING BLOCK NOT SHOWN)



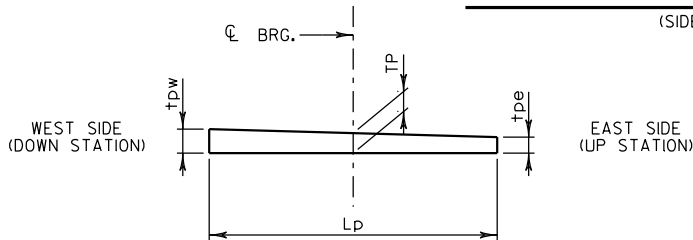
SECTION THRU ELASTOMERIC BEARING

(FRONT ELEVATION)



SECTION THRU ELASTOMERIC BEARING

(SIDE ELEVATION)



TAPERED PLATE DIAGRAM

EXPANSION BEARING REPLACEMENT

(REQUIRED AT WEST & EAST ABUTMENTS)

BEARING NOTES:

REMOVAL OF THE EXISTING BEARINGS SHALL BE PAID AT THE UNIT BID PRICE FOR "REMOVING BEARINGS B-40-47".

ADHESIVE ANCHORS, GROUT, STEEL PLATES AND PRECAST BEARING BLOCK, WHICH INCLUDES THE REINFORCING, SHALL BE PAID AT THE UNIT BID PRICE FOR "PRECAST CONCRETE BEARING BLOCK".

ALL OTHER MATERIAL USED FOR BEARINGS SHALL BE PAID AT THE UNIT BID PRICE FOR "BEARING PADS ELASTOMERIC LAMINATED".

BEARINGS SHALL NOT BE PLACED AT A TEMPERATURE GREATER THAN 85°F.

ALL STRUCTURAL STEEL PLATES SHALL BE FLAT ROLLED WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL.

ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.

ALL BEARINGS ARE SYMMETRICAL ABOUT CL OF GIRDER AND CL OF ELASTOMERIC BEARING.

LEGEND

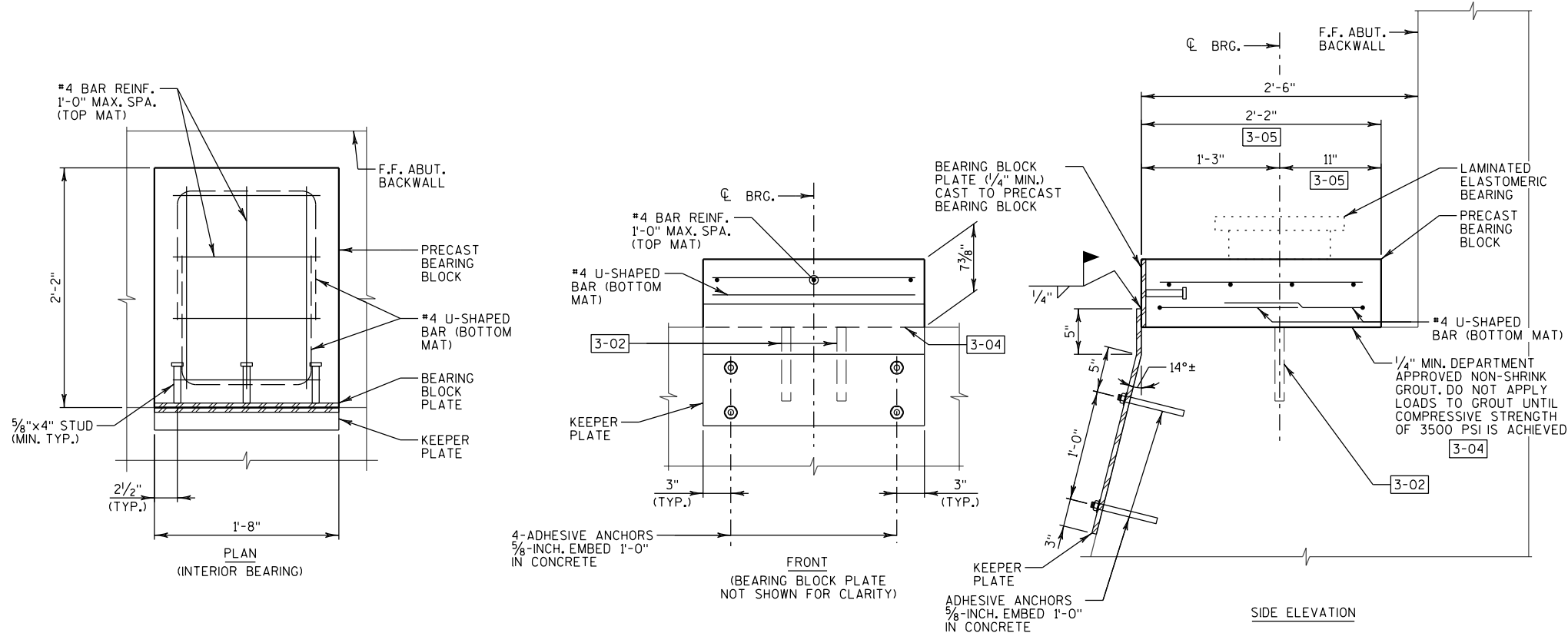
- 3-01 WELD STEEL PLATE DIRECTLY TO EXISTING ANCHOR PLATE. CLEAN AND PAINT EXISTING ANCHOR PLATE PER BID ITEM "CLEANING AND PAINTING BEARINGS" PRIOR TO PLACEMENT OF NEW BEARINGS. SEAL FRONT AND BACK (NON-WELDED) SIDES WITH CAULK.
- 3-02 REMOVE EXISTING EXPANSION BEARINGS AND EXISTING ANCHOR BOLTS FLUSH WITH CONCRETE BEARING SURFACE AND GRIND SMOOTH.
tpw = PLATE THICKNESS AT WEST SIDE OF SUBSTRUCTURE.
tpe = PLATE THICKNESS AT EAST SIDE OF SUBSTRUCTURE.
- 3-03 SEE TAPERED PLATE DIAGRAM.
- 3-04 ADJUST GROUT DEPTH TO OBTAIN REQUIRED HEIGHT FROM TOP OF BEARING BLOCK TO BOTTOM OF EXISTING ANCHOR PLATE (MEASURED PRIOR TO JACKING).
- 3-05 INTERIOR BEARING DIMENSION. SEE PLAN VIEW FOR EXTERIOR BEARING DIMENSIONS.

LOCATION	BEARING	LAMINATED BEARING HEIGHT H (INCHES)	TOTAL ELASTOMER THICKNESS (INCHES)	NUMBER OF PLATES REQUIRED	LONGITUDINAL LENGTH OF BEARING L (MIN.) (INCHES)	HORIZONTAL WIDTH OF BEARING W (INCHES)	LONGITUDINAL LENGTH OF PLATE LP (MIN.) (INCHES)	HORIZONTAL WIDTH OF PLATE WP (INCHES)	THICKNESS OF PLATE		
									tpw (INCHES)	TP (INCHES)	tpe (INCHES)
WEST ABUTMENT	ALL	1 1/4	1	2	12	9	14	11	1 1/2	1 1/2	1 1/2
EAST ABUTMENT	ALL	1 1/4	1	2	12	9	14	11	1 1/2	1 1/2	1 1/2

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-47			
DRAWN BY TKB		PLANS CK'D. BH	
BEARING REPLACEMENT DETAILS-1			SHEET 3 OF 4

LEGEND

X-XX SEE SHEET 3 FOR LEGEND.



PRECAST BEARING BLOCK DETAILS

APPLY INTERIOR BEARING DETAILS TO EXTERIOR BEARINGS (EXCEPT WIDTH).

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-47			
DRAWN BY TKB		PLANS CK'D. BH	
BEARING REPLACEMENT DETAILS-2			SHEET 4 OF 4

DESIGN LOADING _____	HS20
INVENTORY RATING _____	H527 (FROM HSI)
OPERATIONAL RATING _____	H551 (FROM HSI)
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) _____	250 KIPS (FROM HSI)

CONCRETE MASONRY _____
 SUPERSTRUCTURE _____ $f'_c = 4,000$ PSI
 OTHER _____ $f'_c = 3,500$ PSI

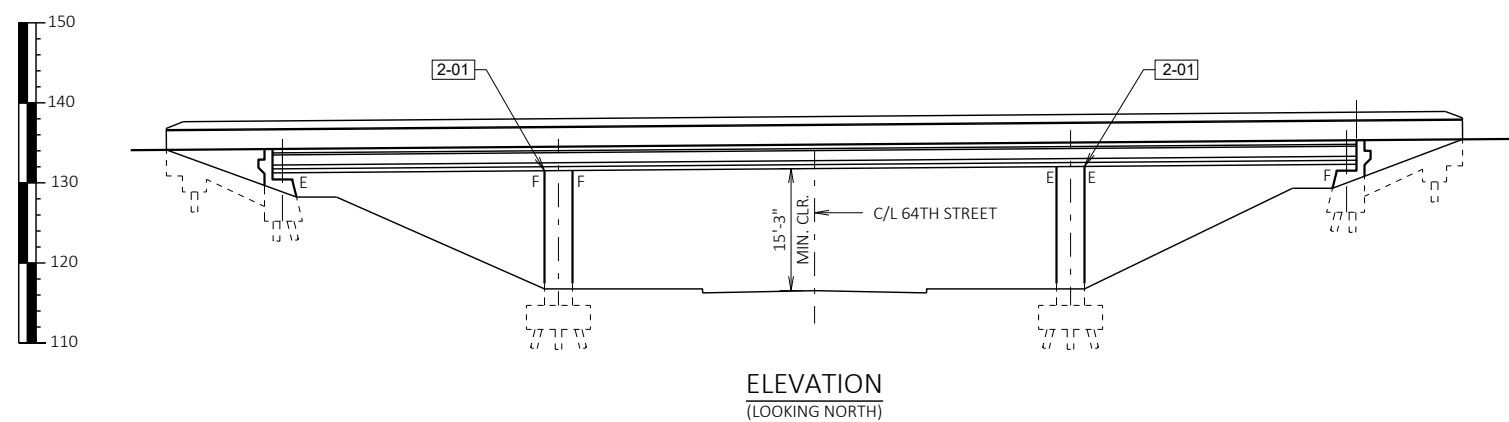
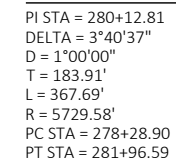
ADT (2020) = XXX
ADT (2040) = XXX
DESIGN SPEED = 70 MPH

1. CONCRETE SURFACE REPAIR AT LOCATIONS DESIGNATED BY ENGINEER.
2. BEARING REPAIR AT BOTH PIERS.

 DENOTES WING NUMBER
 * EXISTING THRIE BEAM CONNECTION
 SEE SHEET 2 FOR CALLOUTS

1. DRAWINGS SHALL NOT BE SCALED.
2. DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
3. VERTICAL CLEARANCES ARE BASED ON THE INSPECTION REPORT.
4. CONCRETE SURFACE REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE APPROXIMATE.

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES



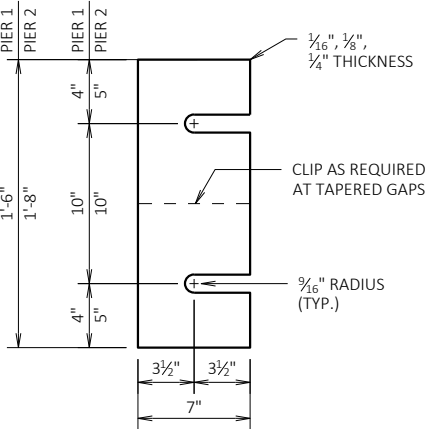
NO.	DATE	REVISION	BY
			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____		DATE _____	
CHIEF STRUCTURES DESIGN ENGINEER			
STRUCTURE B-40-82			
IH 94 EB OVER SOUTH 64TH STREET			
COUNTY	MILWAULKEE	TOWN/CITY/VILLAGE	MILWAUKEE
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	BH	DESIGN CK'D.	ETP
DRAWN BY	PKF	PLANS CK'D.	BH
GENERAL PLAN		SHEET 1 OF 2	

BRIDGE OFFICE CONTACT
BILL DREHER, P.E.
TELEPHONE: (608) 266-8489

CONSULTANT CONTACT
BILL HOVE, P.E.
TELEPHONE: (608) 826-6125

LEGEND

- 2-01
- PIER BEARINGS TO BE REPAIRED (TYP.)
- 2-02
- "CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.



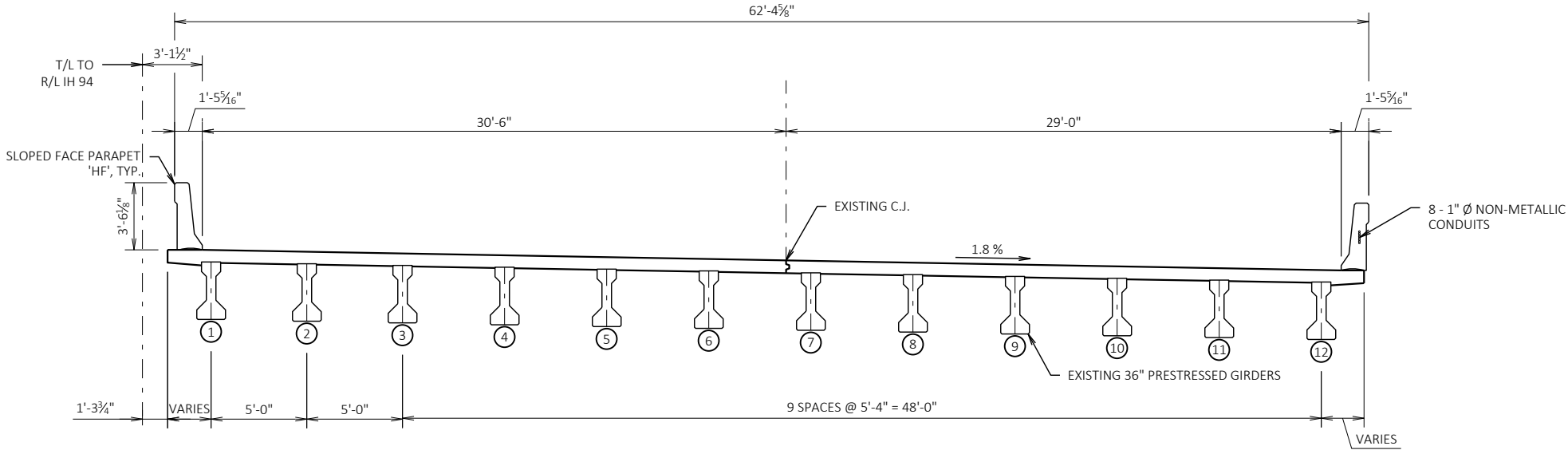
BEARING SHIM DETAIL

APPROXIMATE QUANTITIES

	PIER 1	PIER 2
1/16" PLATE =	4	2
1/8" PLATE =	8	3
1/4" PLATE =	18	8

ABBREVIATIONS:

- ABUT.
-
- ABUTMENT
- B.F.
-
- BACKFACE
- BOT.
-
- BOTTOM
- BRG.
-
- BEARING
- CL.
-
- CLEAR
- CONST.
-
- CONSTRUCTION
- DIA.
-
- DIAMETER
- E.F.
-
- EACH FACE
- F.F.
-
- FRONT FACE
- HORIZ.
-
- HORIZONTAL
- JT.
-
- JOINT
- LONG.
-
- LONGITUDINAL
- PPT.
-
- PARAPET
- SPA.
-
- SPACED
- STD.
-
- STANDARD
- T&B
-
- TOP AND BOTTOM
- TRANS.
-
- TRANSVERSE
- TYP.
-
- TYPICAL
- VERT.
-
- VERTICAL



CROSS SECTION THRU B-40-82

(LOOKING EAST)

(DIMENSIONS PERPENDICULAR TO T/L)

BEARING NOTES

THE BID ITEM "BEARING REPAIR" INCLUDES PROVIDING AND INSTALLING SHIMS, TACK WELDING SHIMS TOGETHER, AND REPLACING EXISTING BROKEN WELDS AS DIRECTED BY THE ENGINEER.

SHIM PLATES SHALL BE FLAT ROLLED STEEL PLATES WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL.

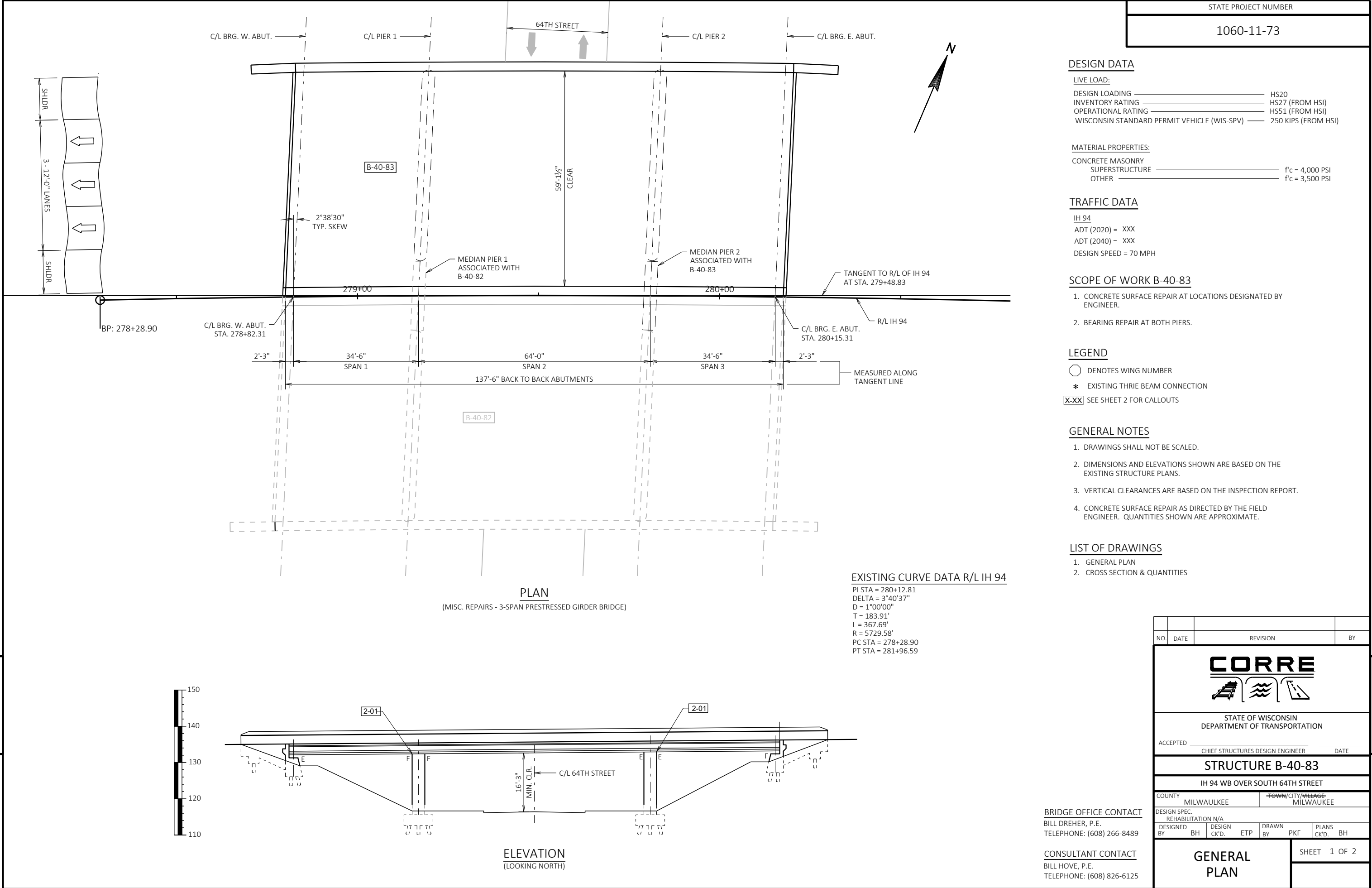
SHIM PLATE MATERIAL SHALL CONFORM TO ASTM A709 GRADE 50W.

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEMS	UNIT	W. ABUT.	PIER 1	PIER 2	E. ABUT.	SUPER	TOTAL
509.1500	CONCRETE SURFACE REPAIR	SF	30	20	20	30	180	280
SPV.0060.04	BEARING REPAIR	EACH	---	24	24	---	---	48

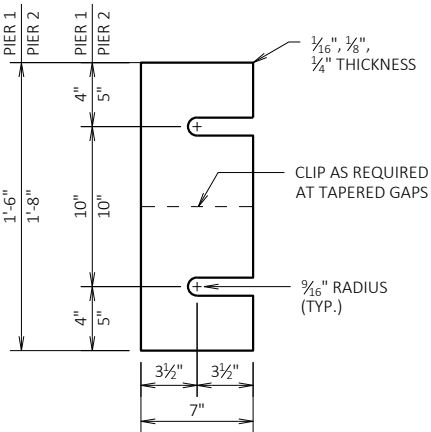
ALL BID ITEMS ARE CATEGORY 2160

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-82			
DRAWN BY		PKF	PLANS CK'D. BH
CROSS SECTION & QUANTITIES			SHEET 2 OF 2



LEGEND

- 2-01
- PIER BEARINGS TO BE REPAIRED (TYP.)
- 2-02
- "CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.



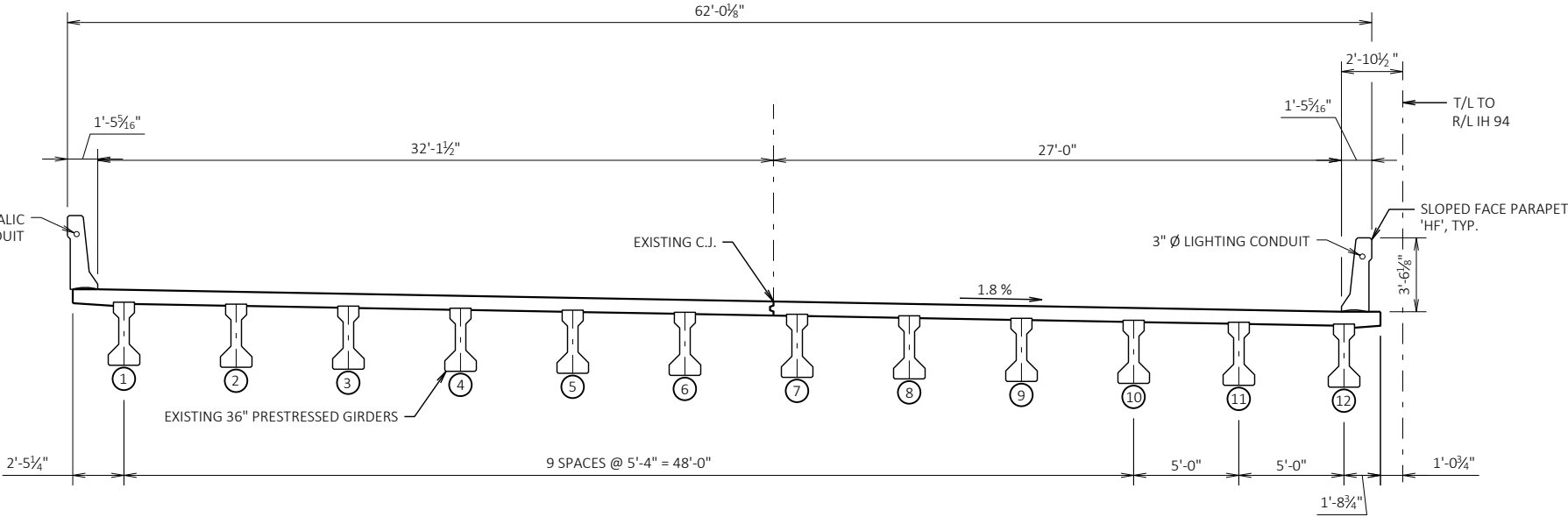
BEARING SHIM DETAIL

APPROXIMATE QUANTITIES		
	PIER 1	PIER 2
1/16" PLATE =	2	2
1/8" PLATE =	5	8
1/4" PLATE =	18	19

ABBREVIATIONS:

- ABUT.
-
- ABUTMENT
- B.F.
-
- BACKFACE
- BOT.
-
- BOTTOM
- BRG.
-
- BEARING
- CL.
-
- CLEAR
- CONST.
-
- CONSTRUCTION
- DIA.
-
- DIAMETER
- E.F.
-
- EACH FACE
- F.F.
-
- FRONT FACE
- HORIZ.
-
- HORIZONTAL
- JT.
-
- JOINT
- LONG.
-
- LONGITUDINAL
- PPT.
-
- PARAPET
- SPA.
-
- SPACED
- STD.
-
- STANDARD
- T&B
-
- TOP AND BOTTOM
- TRANS.
-
- TRANSVERSE
- TYP.
-
- TYPICAL
- VERT.
-
- VERTICAL

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-83			
DRAWN BY		PKF	PLANS CK'D. BH
CROSS SECTION & QUANTITIES		SHEET 2 OF 2	



CROSS SECTION THRU B-40-83

(LOOKING EAST)
(DIMENSIONS PERPENDICULAR TO T/L)

BEARING NOTES

THE BID ITEM "BEARING REPAIR" INCLUDES PROVIDING AND INSTALLING SHIMS, TACK WELDING SHIMS TOGETHER, AND REPLACING EXISTING BROKEN WELDS AS DIRECTED BY THE ENGINEER.

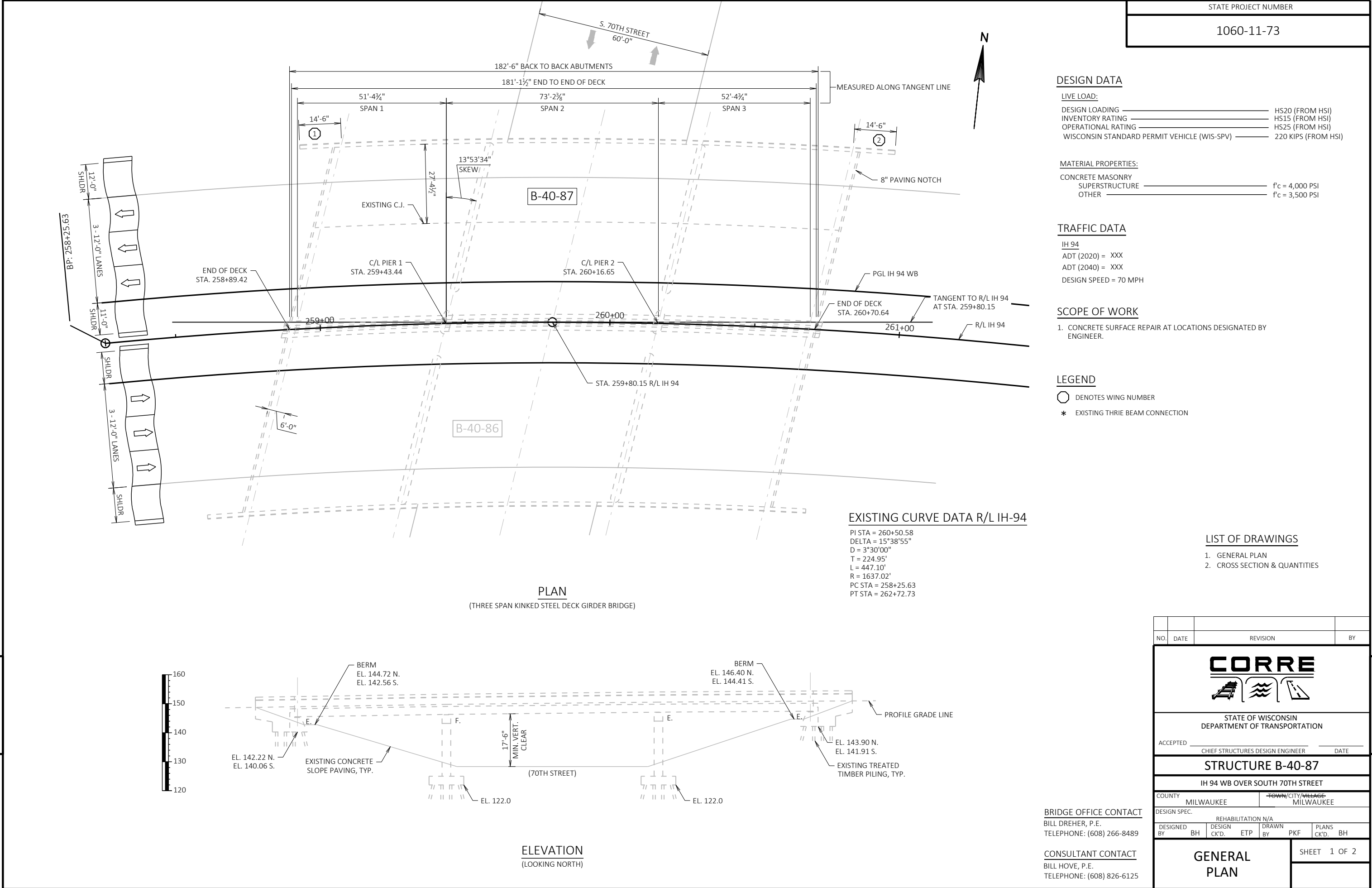
SHIM PLATES SHALL BE FLAT ROLLED STEEL PLATES WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL.

SHIM PLATE MATERIAL SHALL CONFORM TO ASTM A709 GRADE 50W.

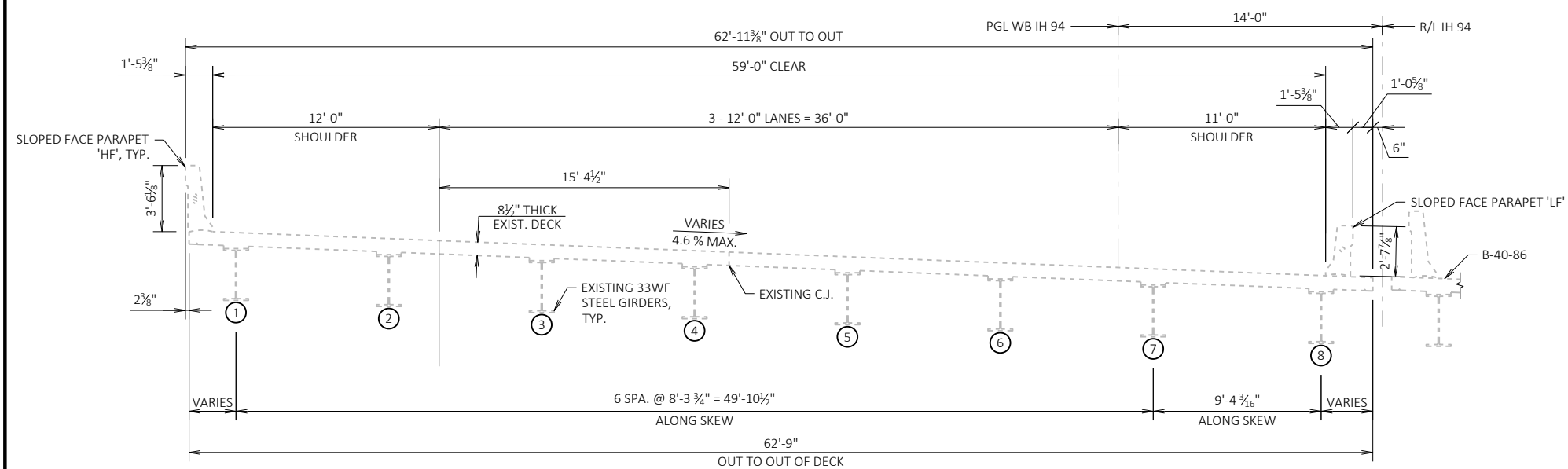
TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEMS	UNIT	W. ABUT.	PIER 1	PIER 2	E. ABUT.	SUPER	TOTAL
509.1500	CONCRETE SURFACE REPAIR	SF	40	40	40	40	130	290
SPV.0060.04	BEARING REPAIR	EACH	---	13	12	---	---	25

ALL BID ITEMS ARE CATEGORY 2170



"CONCRETE SURFACE REPAIR" QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER.



CROSS SECTION THRU B-40-87
(LOOKING EAST)

[illegible]

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-40-87			
		DRAWN BY	PLANS CK'D. BH
CROSS SECTION & QUANTITIES		SHEET 2 OF 2	