

PROJECT ID:
WITH: 1100-17-74

COUNTY:
WAUKESHA & WASH

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
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	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

	ROCK
	LABEL
	95.36
	E
	FO
	G
	SAN
	SS
	T
	W

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

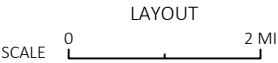
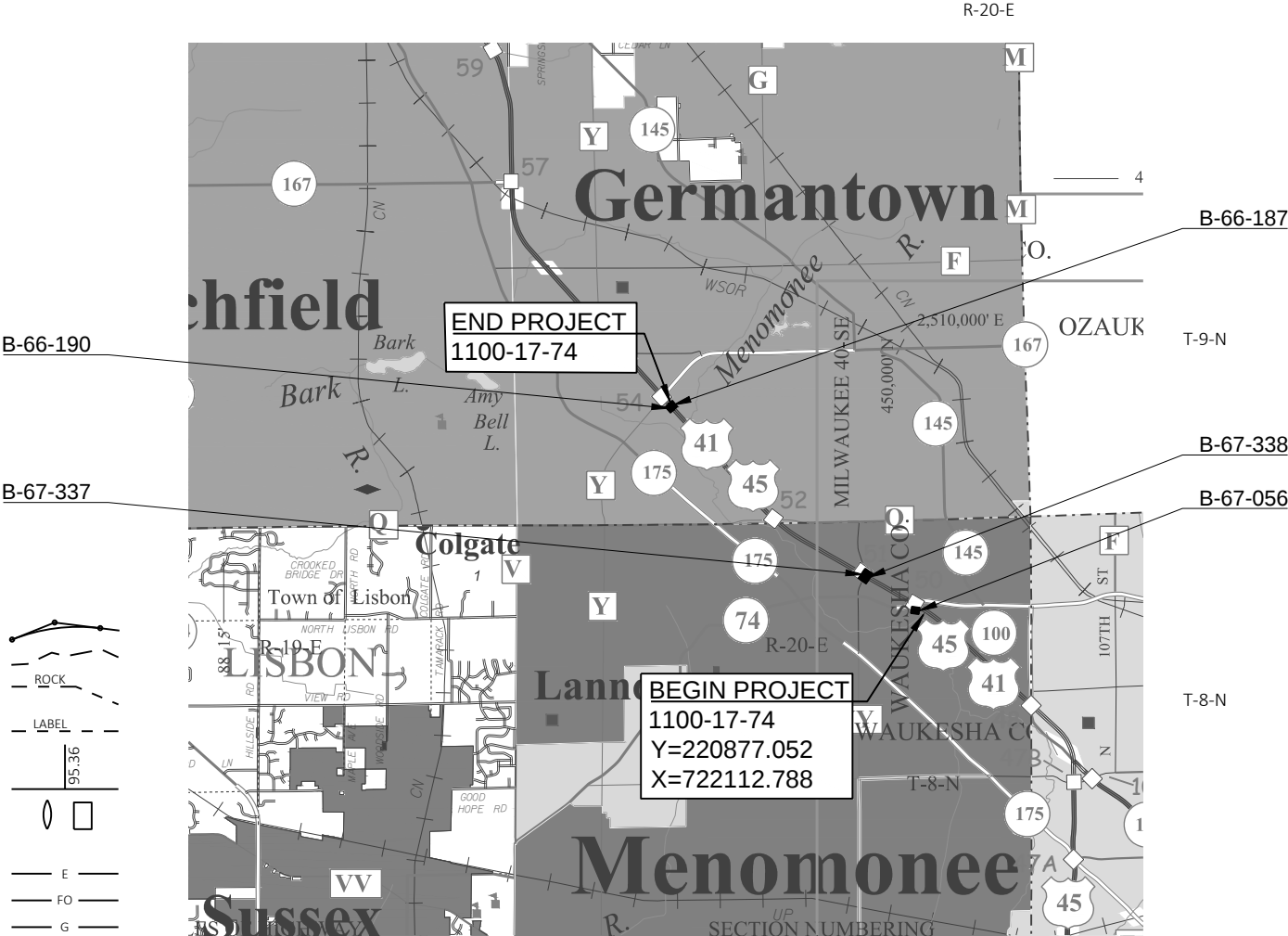
MILWAUKEE - FOND DU LAC

STH 100 TO MENOMONEE RIVER

IH 41/USH 45

WAUKESHA & WASHINGTON

STATE PROJECT NUMBER
1100-17-74



TOTAL NET LENGTH OF CENTERLINE = 0.000

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WAUKESHA AND WASHINGTON COUNTIES, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1100-17-74		

60% PLAN, 7/9/2019

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	SURVEYOR
Designer	BHUVAN MANANDHAR
Project Manager	ASHLEY KIEPCZYNSKI
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	JOE GALLAMORE
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

E

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

D.O.T. BRIDGE BENCHMARK MONUMENT TO BE FURNISHED BY THE STATE AND PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

CONTACT THE PROJECT ENGINEER, THE COUNTY SURVEYOR, AND SEWRPC AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

REMOVAL OF EROSION CONTROL DEVICES IS INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.

CONTACT PROJECT ENGINEER AND THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION (SEWRPC) AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

ALL PRIVATE EXISTING UTILITIES ARE TO BE ADJUSTED BY THE UTILITIES CONCERNED.

STANDARD ABBREVIATIONS

AGG	AGGREGATE
ASPH	ASPHALTIC
BAD	BASE AGGREGATE DENSE
BM	BENCHMARK
C&G	CURB AND GUTTER
CL OR ^C _L	CENTER LINE OR CONSTRUCTION LINE
CONC	CONCRETE
	CULVERT PIPE REINFORCED
CPRCHE	CONCRETE
CY	CUBIC YARD
DISCH	DISCHARGE
EB	EASTBOUND
FE	FIELD ENTRANCE
FL	FLOW LINE
HMA	HOT MIX ASPHALTIC
INV	INVERT
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
REQD	REQUIRED
RT	RIGHT
SALV	SALVAGED
	SALVAGED ASPHALTIC PAVEMENT
SAPBC	BASE COURSE
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF	SQUARE FOOT
SI	SLOPE INTERCEPT
	STORM SEWER PIPE REINFORCED
SSPRC	CONCRETE
STA	STATION
SY	SQUARE YARD
TLE	TEMPORARY LIMITED EASEMENT
WB	WESTBOUND

STATE AGENCIES

WISDOT SE REGION
ASHLEY KIEPCZYNSKI -
PROJECT MANAGER
141 NW BARSTOW STREET
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UTILITY CONTACT LIST

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RELOC
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HAMMETTER@WINS.NET

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OTHER AGENCIES

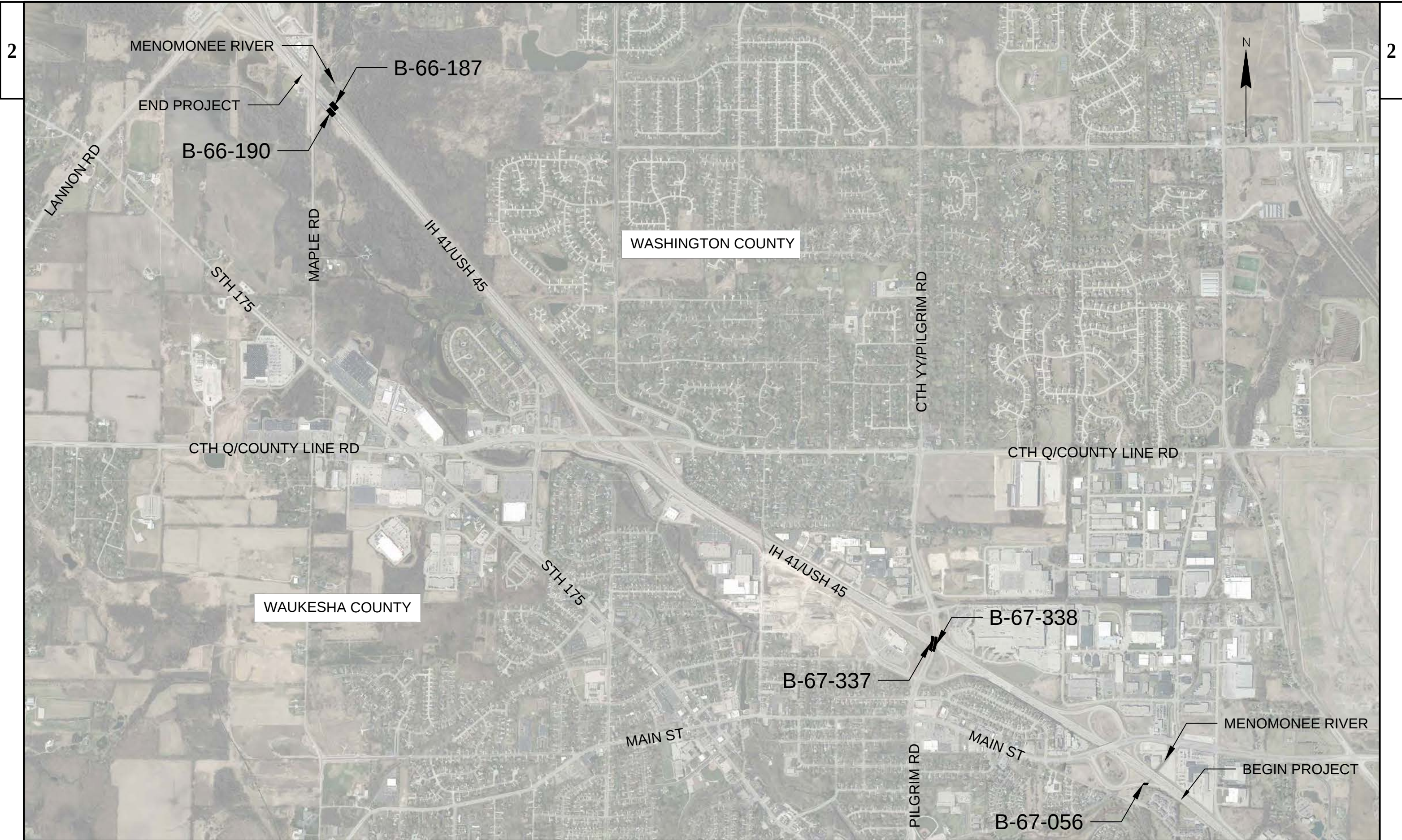
MR. CHUCK SMELTZER, HWY MAINT.
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10190 W. WATERTOWN PLANK ROAD
MILWAUKEE, WI 53226
PHONE: (414) 257-6580
CSMELTZER@MILWCNTY.COM

MILWAUKEE, CITY OF
MR. JEFF POLENSKE, CITY ENGINEER
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MILWAUKEE, WI 53202
PHONE: (414) 286-3701
FAX: (414) 286-5994
JEFFREY.POLENSKE@MILWAUKEE.GOV

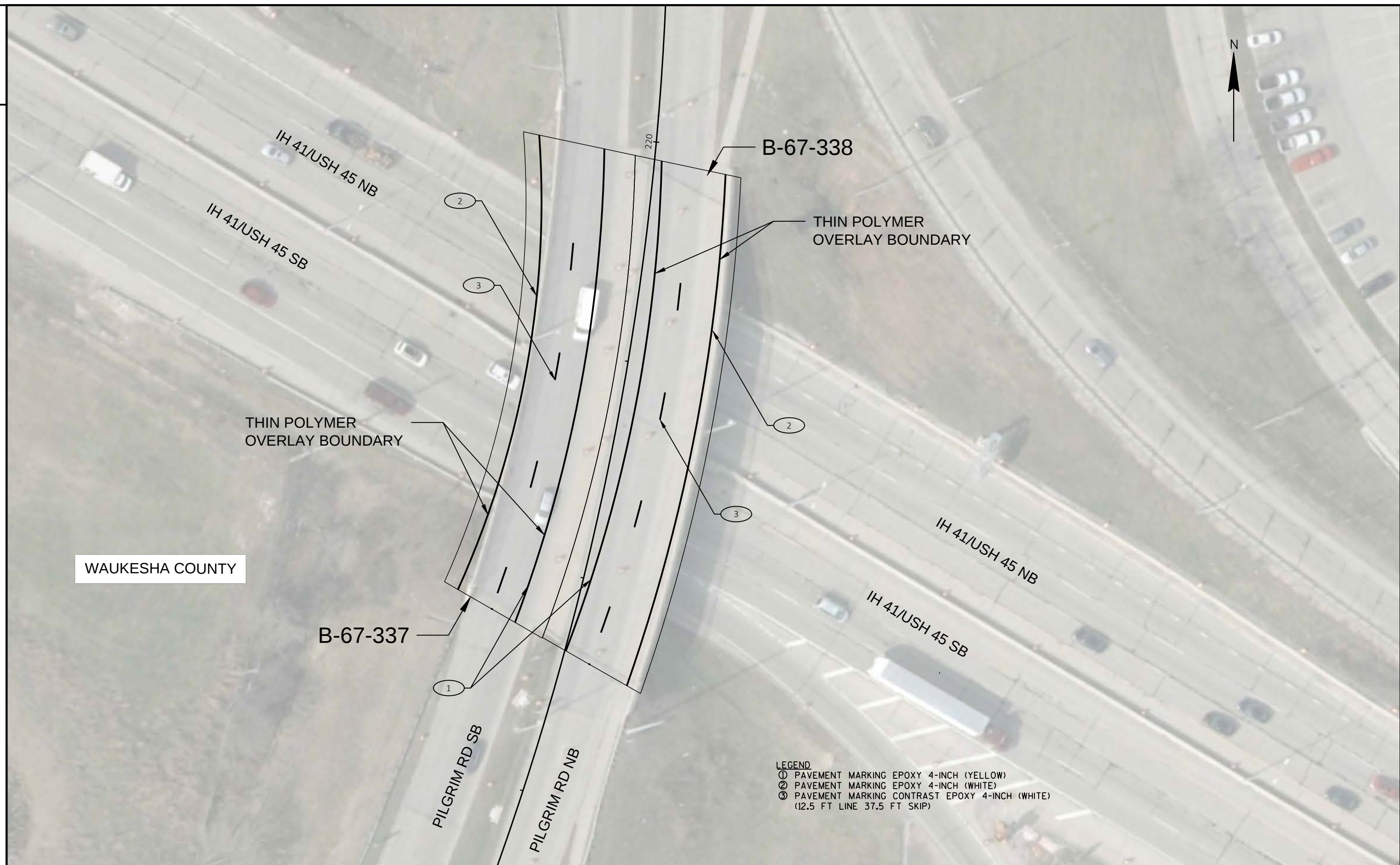
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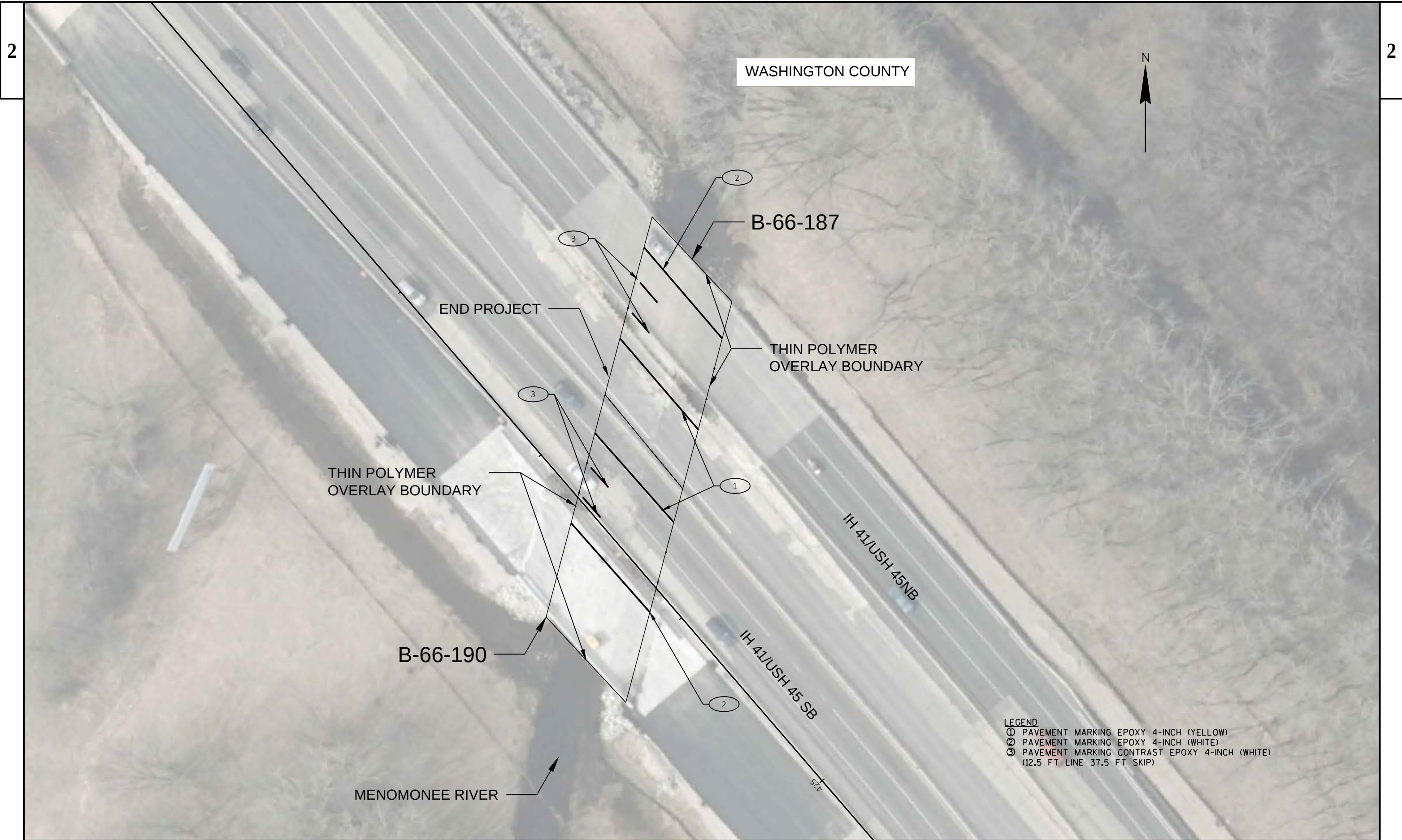
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GENERAL NOTES
PROJECT OVERVIEW
PLAN DETAILS
PAVEMENT MARKING
STAGE CONSTRUCTION
TRAFFIC CONTROL
PERMANENT SIGNING PLAN
MISCELLANEOUS QUANTITIES
STRUCTURAL PLAN

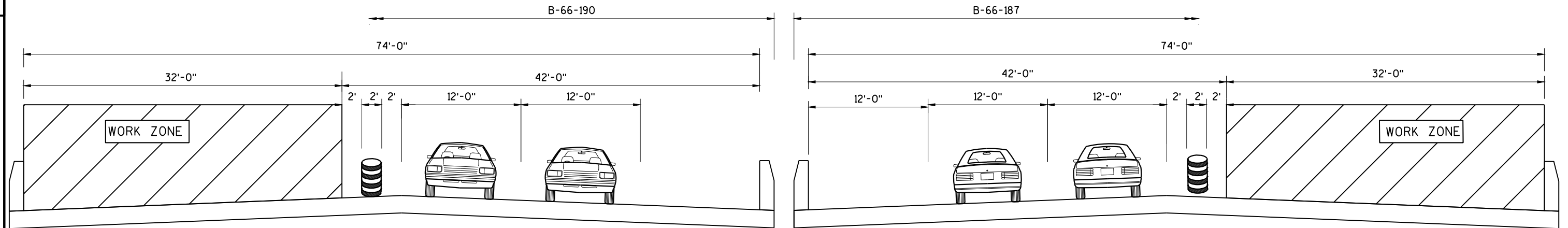
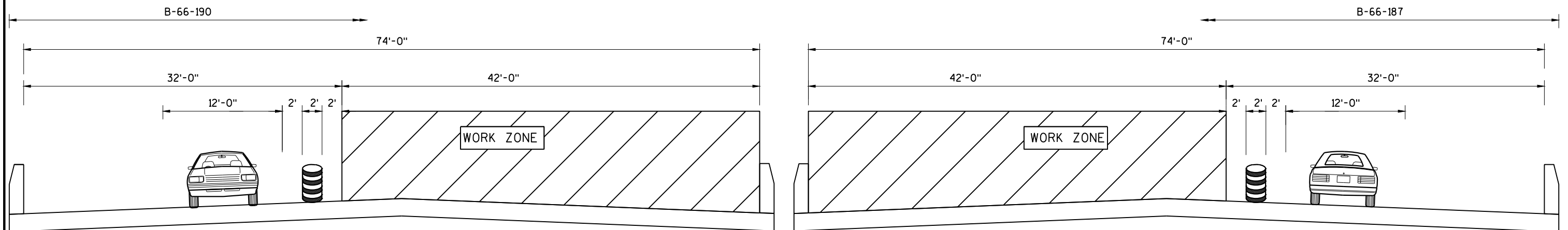


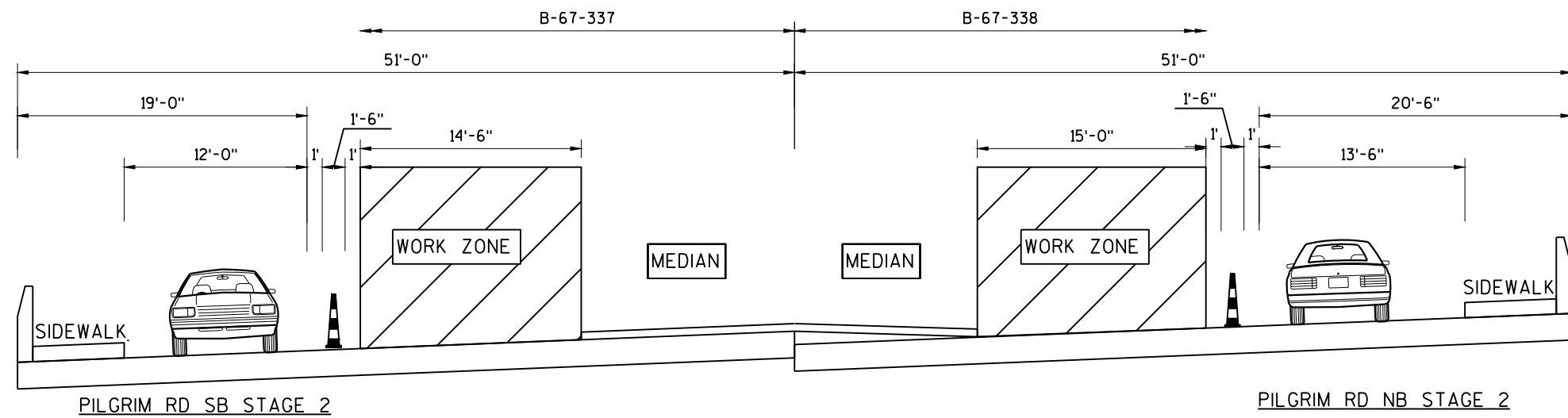
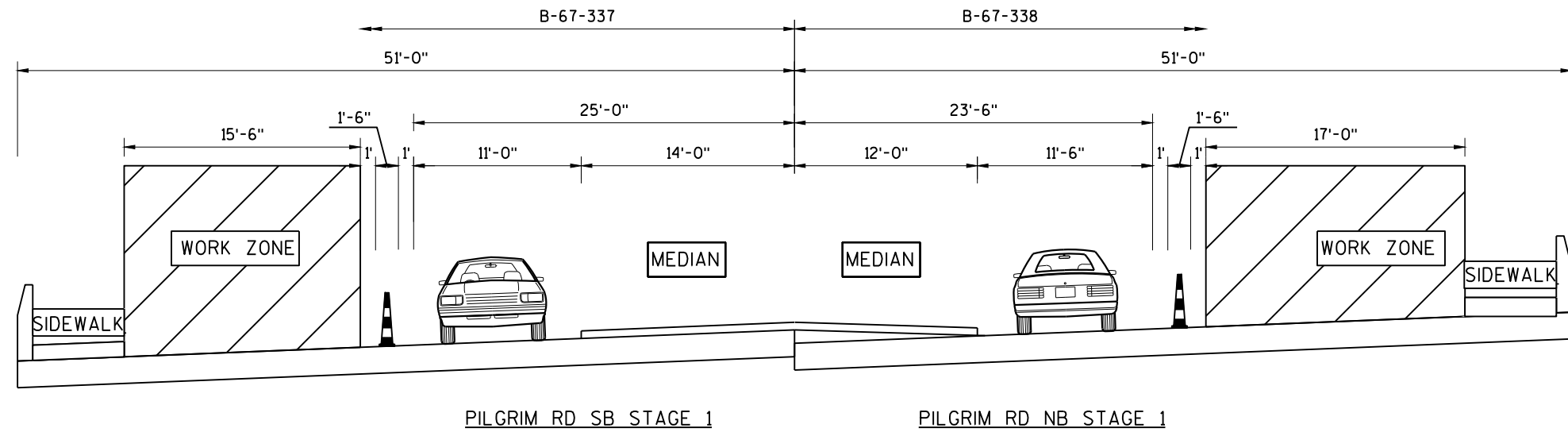


PROJECT NO: 1100-17-74	HWY: IH 41/US 45	COUNTY: WAUKESHA & WASHINGTON	PLAN: PROJECT OVERVIEW	SHEET	E
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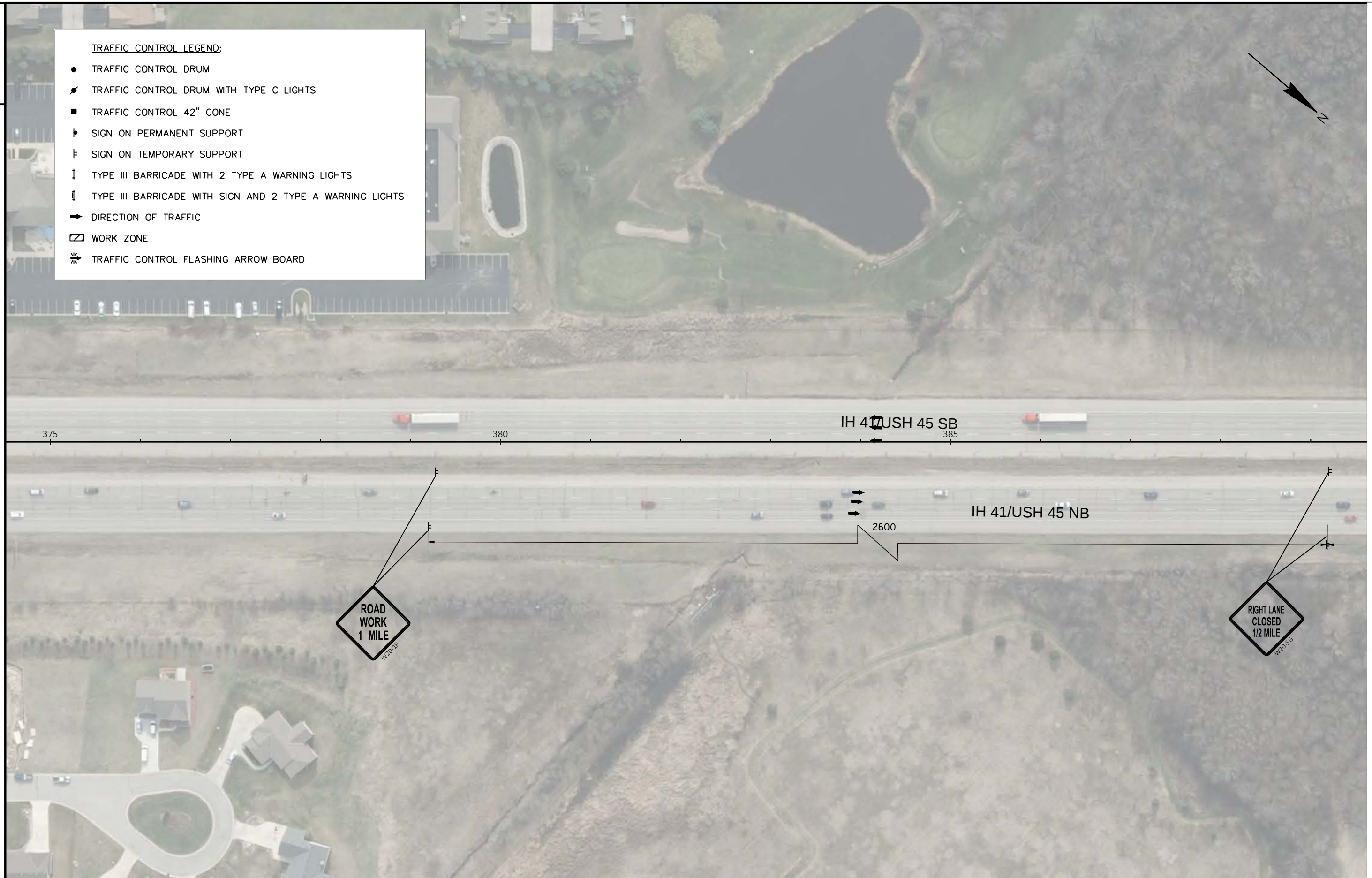


IH 41/USH 45 SB STAGE 1IH 41/USH 45 NB STAGE 1IH 41/USH 45 SB STAGE 2IH 41/USH 45 NB STAGE 2



TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C LIGHTS
- TRAFFIC CONTROL 42" CONE
- └ SIGN ON PERMANENT SUPPORT
- └ SIGN ON TEMPORARY SUPPORT
- ↓ TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS
- ⚡ TYPE III BARRICADE WITH SIGN AND 2 TYPE A WARNING LIGHTS
- ➡ DIRECTION OF TRAFFIC
- ▭ WORK ZONE
- ⚡ TRAFFIC CONTROL FLASHING ARROW BOARD



PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

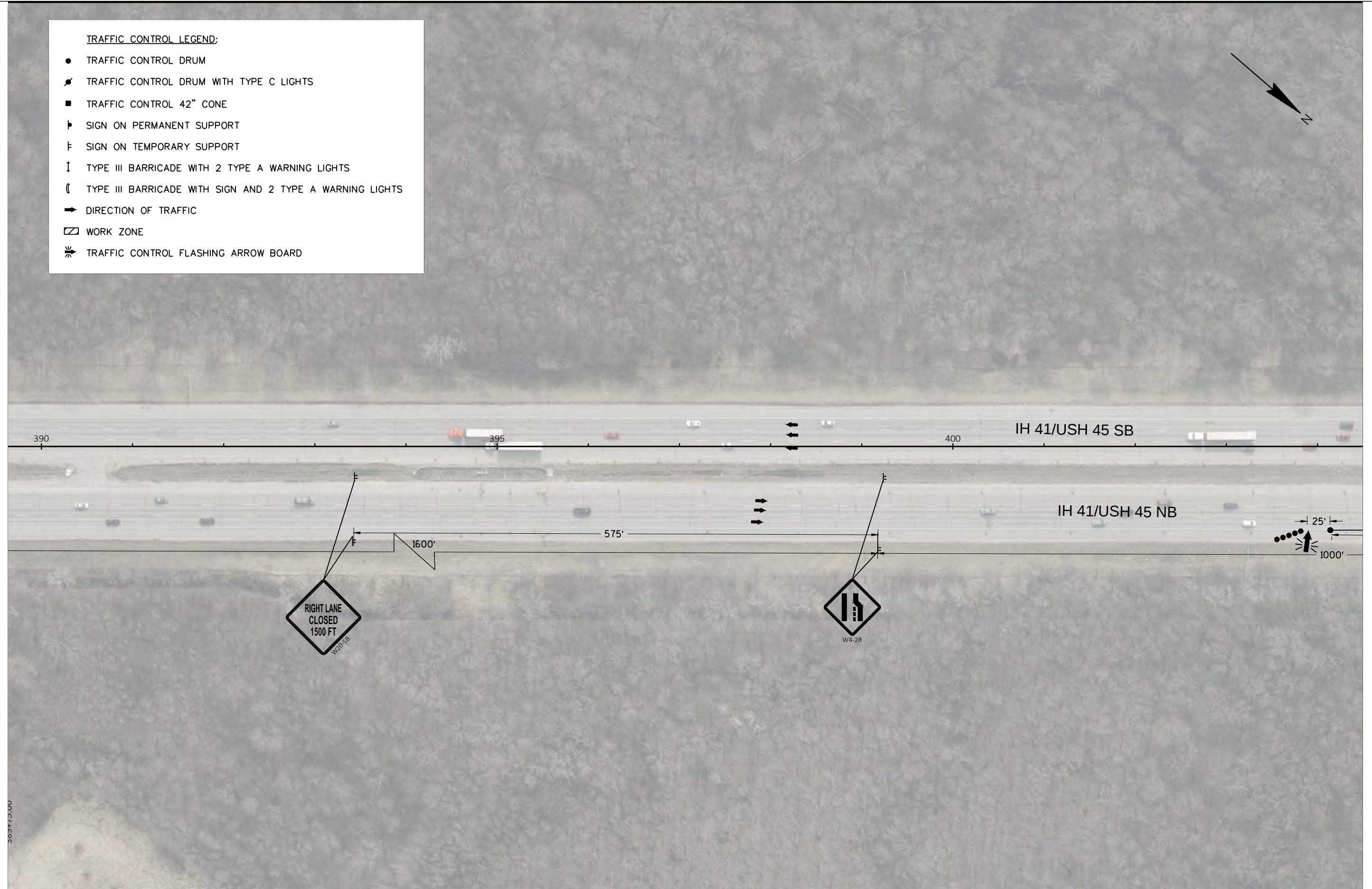
TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

E

TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
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PROJECT NO: 1100-17-74

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COUNTY: WAUKESHA & WASHINGTON

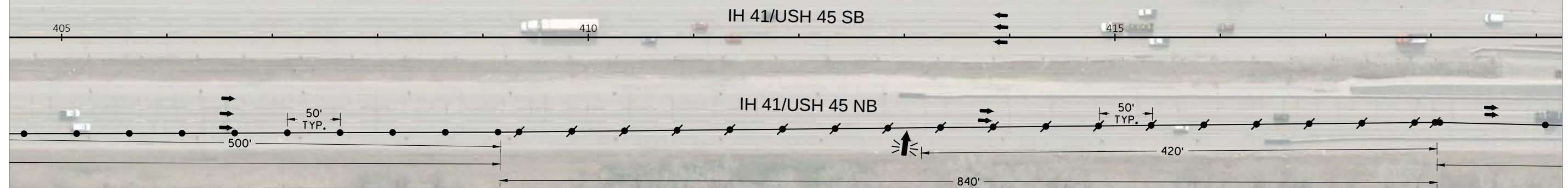
TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

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TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

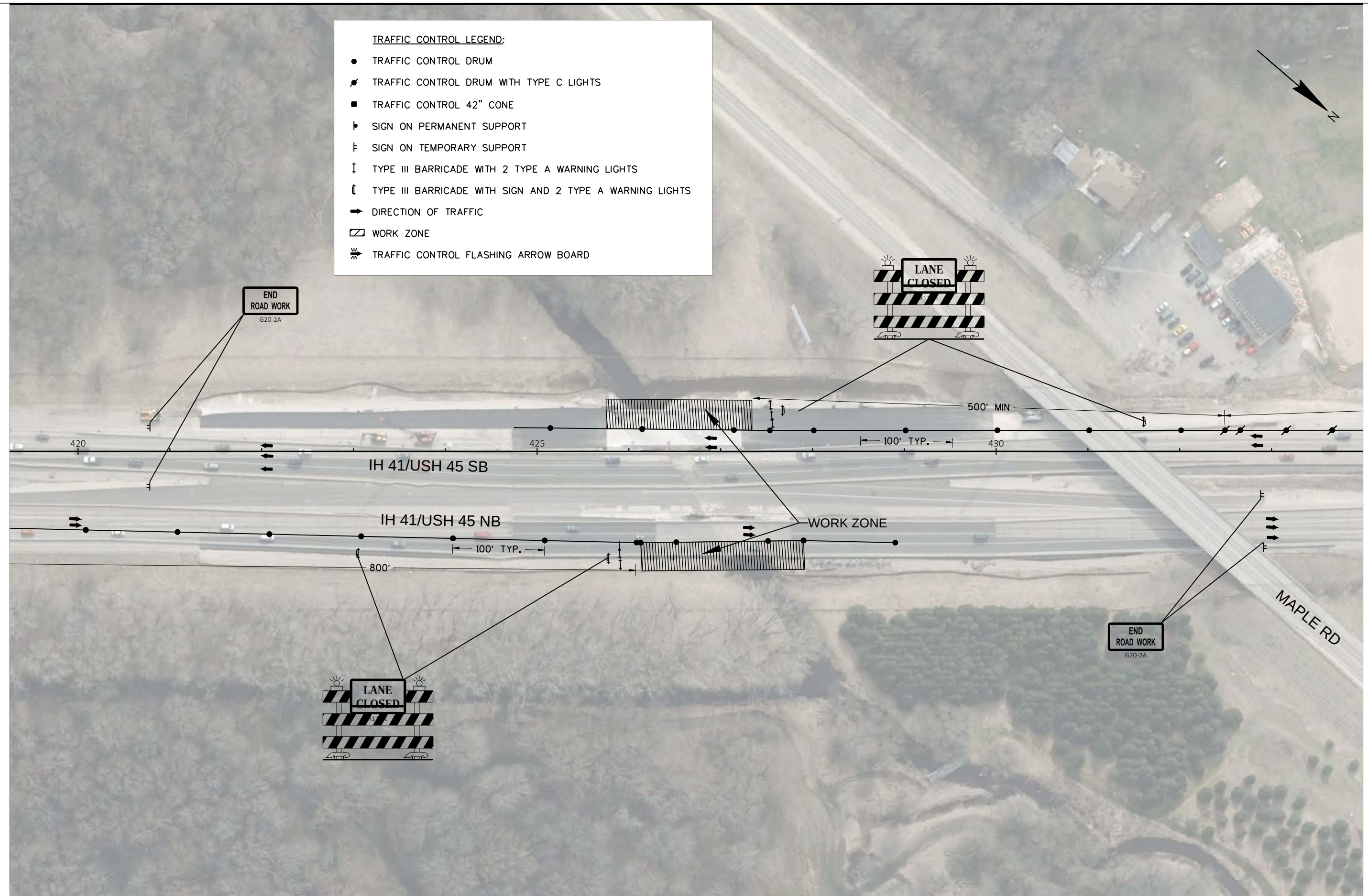
TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

E

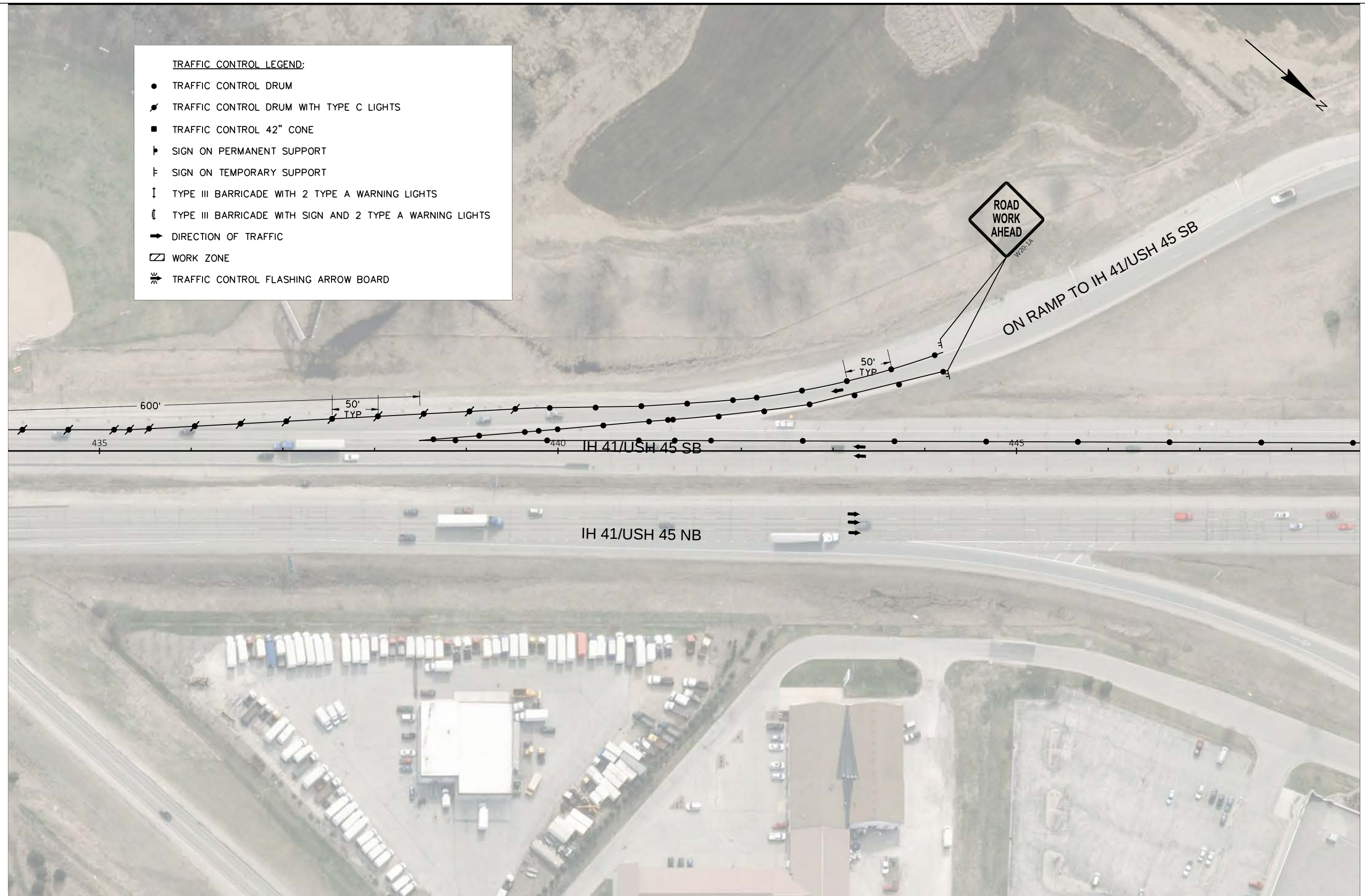
TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
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- ▮ SIGN ON PERMANENT SUPPORT
- ▮ SIGN ON TEMPORARY SUPPORT
- ↓ TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS
- ⚡ TYPE III BARRICADE WITH SIGN AND 2 TYPE A WARNING LIGHTS
- ➔ DIRECTION OF TRAFFIC
- ▨ WORK ZONE
- ⚡ TRAFFIC CONTROL FLASHING ARROW BOARD



TRAFFIC CONTROL LEGEND:

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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

E

FILE NAME : N:\PDS\C3D\11001704\SHEETPLAN\025001-TC_STAGE1.DWG
LAYOUT NAME - IH41_Stage1_(5)

PLOT DATE : 5/9/2018 2:47 PM

PLOT BY : MANANDHAR, BHUVAN K

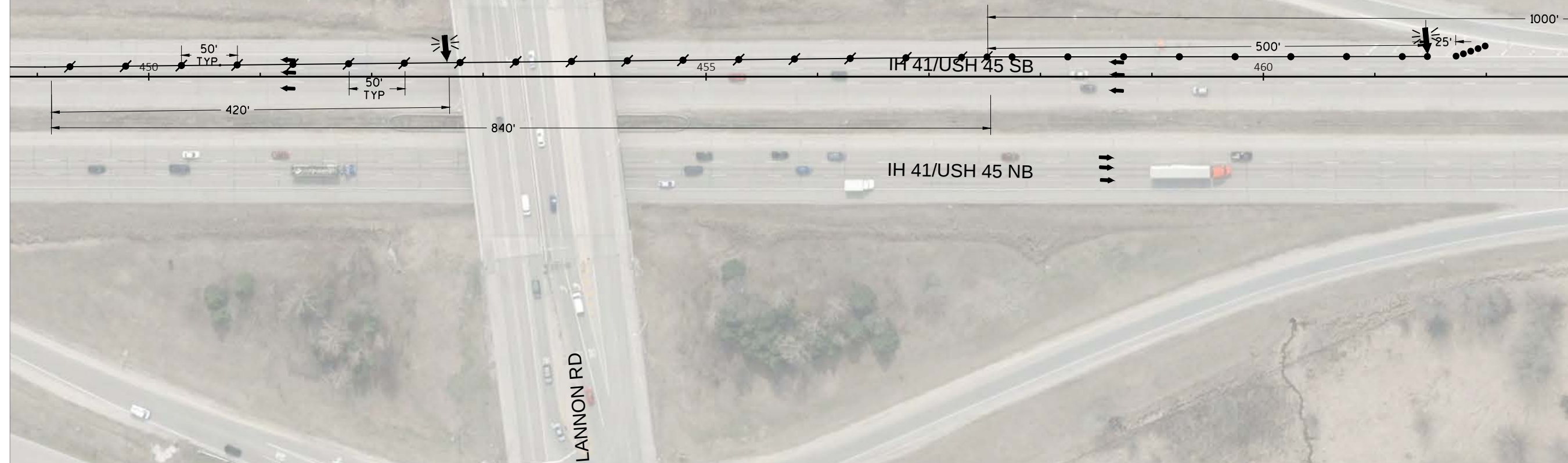
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42

TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C LIGHTS
- TRAFFIC CONTROL 42" CONE
- └ SIGN ON PERMANENT SUPPORT
- └ SIGN ON TEMPORARY SUPPORT
- ↓ TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS
- ⬇ TYPE III BARRICADE WITH SIGN AND 2 TYPE A WARNING LIGHTS
- ➡ DIRECTION OF TRAFFIC
- ▭ WORK ZONE
- ⚡ TRAFFIC CONTROL FLASHING ARROW BOARD



PROJECT NO: 1100-17-74

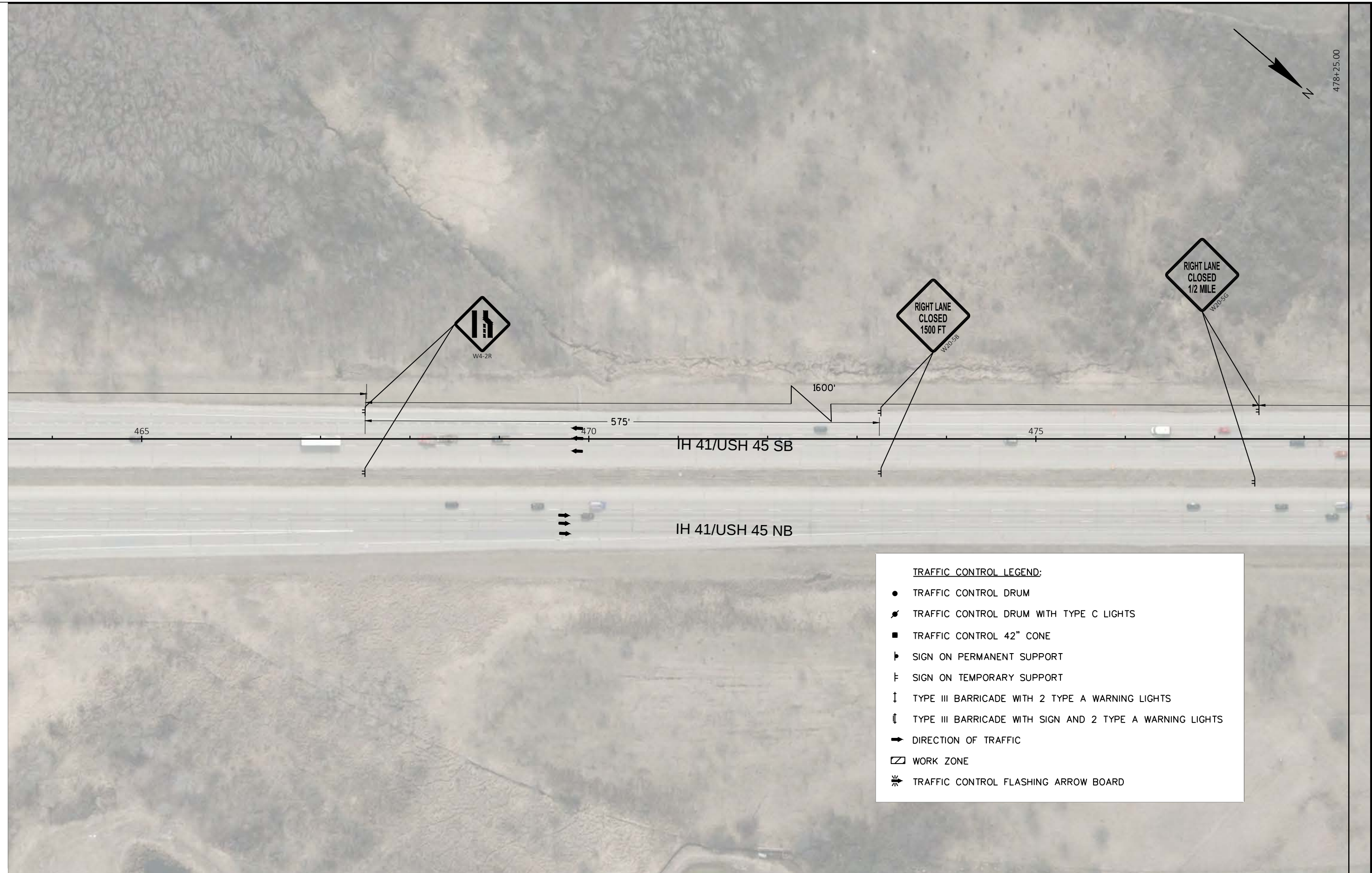
HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

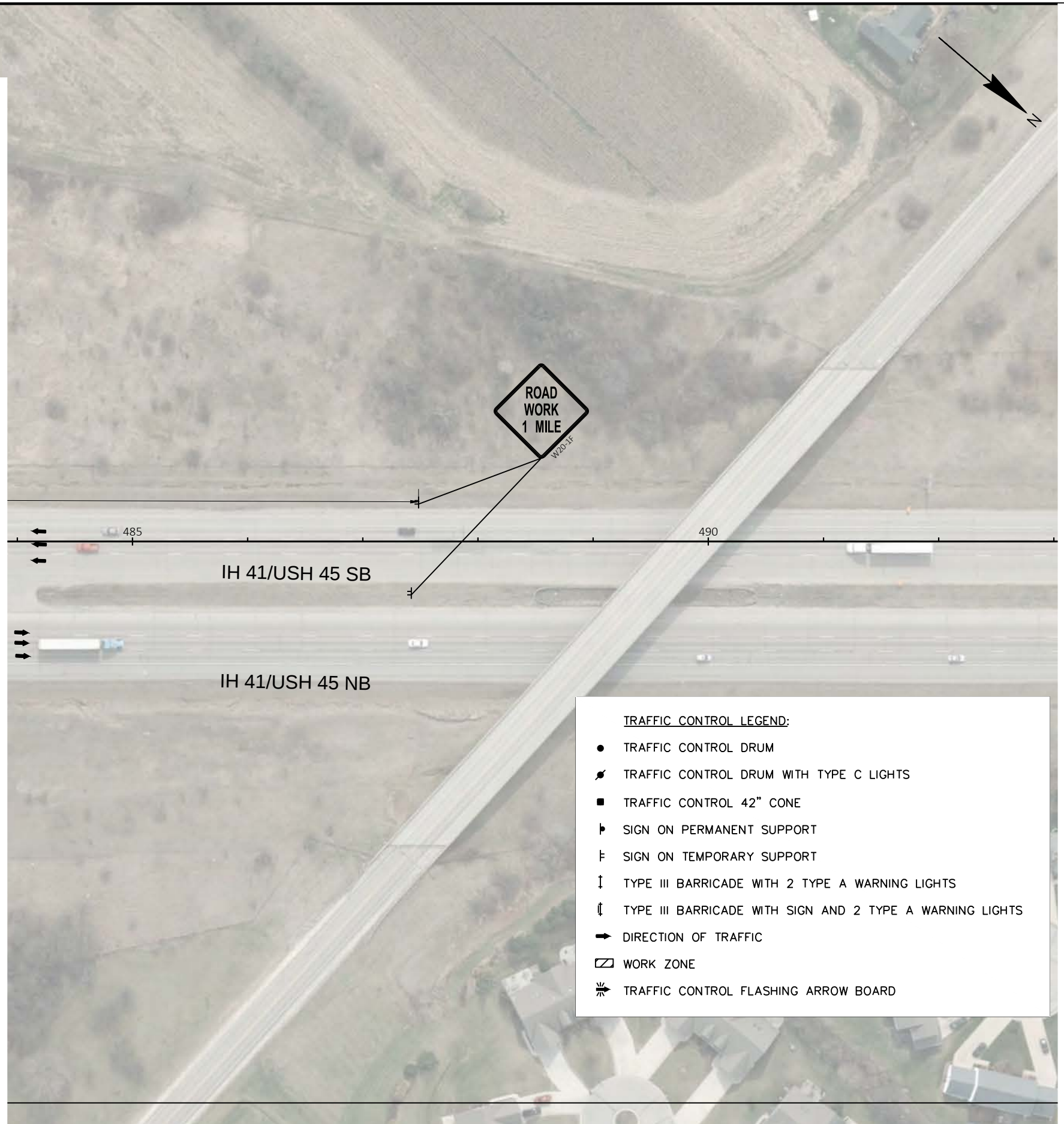
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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

FILE NAME : N:\PDS\VC3D\11001704\SHEETSP\025001-TC_STAGE1.DWG
LAYOUT NAME - IH41_Stage1_(8)**TRAFFIC CONTROL LEGEND:**

- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C LIGHTS
- TRAFFIC CONTROL 42" CONE
- ▮ SIGN ON PERMANENT SUPPORT
- ⌄ SIGN ON TEMPORARY SUPPORT
- ↓ TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS
- ⌋ TYPE III BARRICADE WITH SIGN AND 2 TYPE A WARNING LIGHTS
- ➡ DIRECTION OF TRAFFIC
- ▭ WORK ZONE
- ⚡ TRAFFIC CONTROL FLASHING ARROW BOARD

NTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, IH 41/USH 45 STAGE 1

SHEET

E

PLOT DATE : 5/9/2018 2:47 PM

PLOT BY : MANANDHAR, BHUVAN K

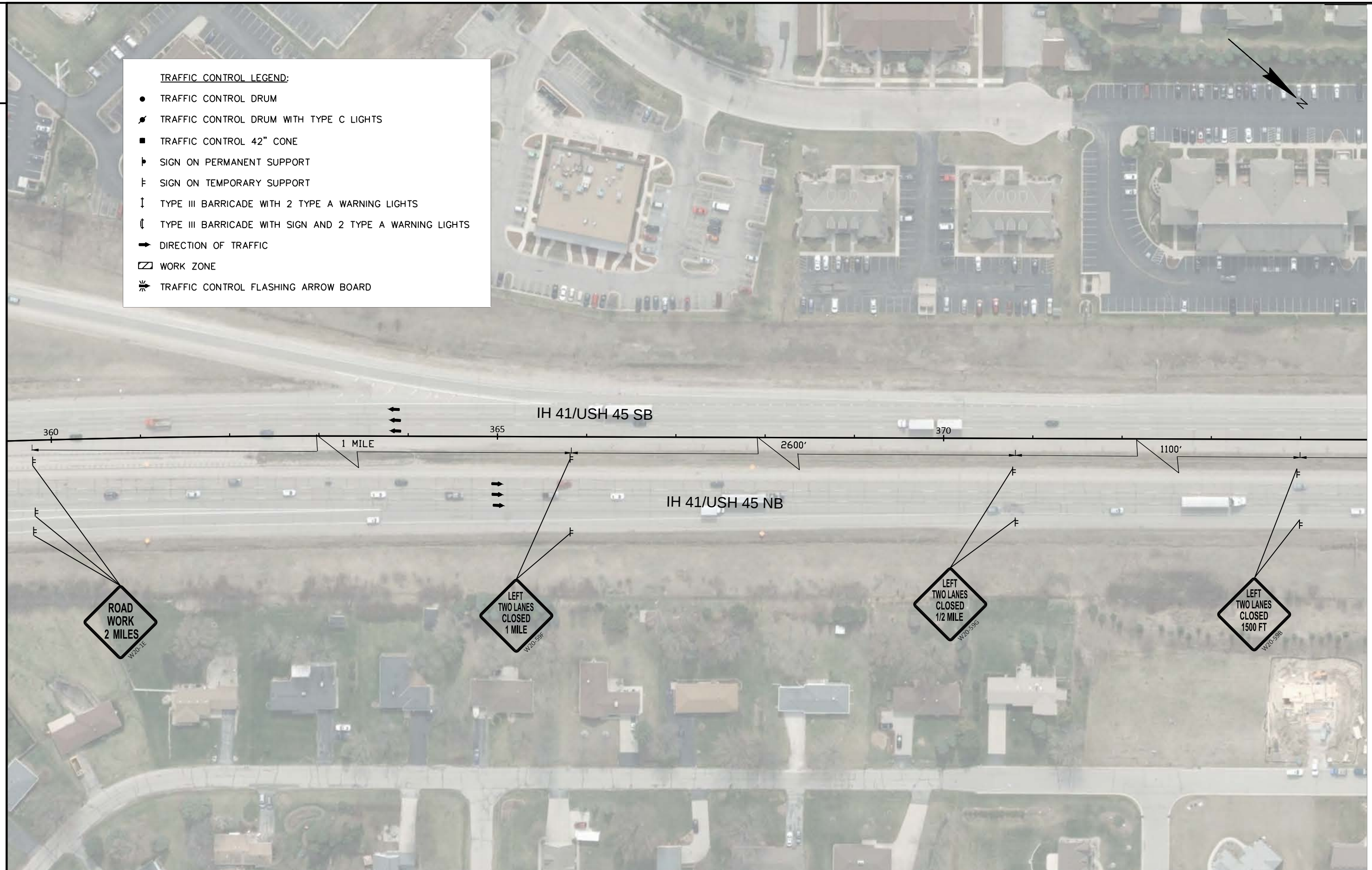
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42

TRAFFIC CONTROL LEGEND:

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- ➡ DIRECTION OF TRAFFIC
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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

E

FILE NAME : N:\PDS\C3D\11001704\SHEETPLAN\025001-TC_STAGE2.DWG
LAYOUT NAME - IH41_Stage2_(1)

PLOT DATE : 4/15/2019 10:18 AM

PLOT BY : MANANDHAR, BHUVAN K

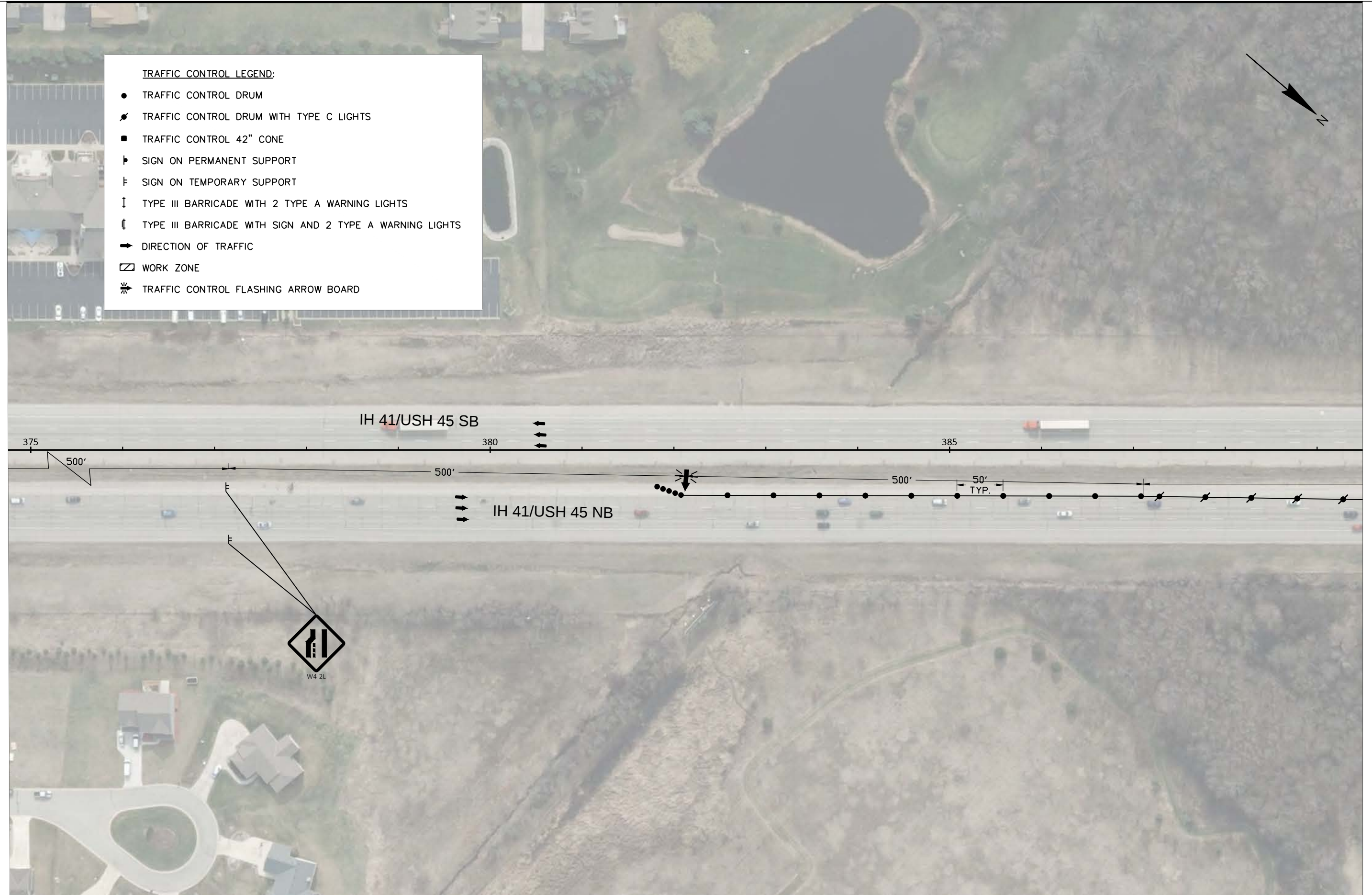
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42

TRAFFIC CONTROL LEGEND:

- TRAFFIC CONTROL DRUM
- ⚡ TRAFFIC CONTROL DRUM WITH TYPE C LIGHTS
- TRAFFIC CONTROL 42" CONE
- ┆ SIGN ON PERMANENT SUPPORT
- ┆ SIGN ON TEMPORARY SUPPORT
- ↓ TYPE III BARRICADE WITH 2 TYPE A WARNING LIGHTS
- ⬇ TYPE III BARRICADE WITH SIGN AND 2 TYPE A WARNING LIGHTS
- ➡ DIRECTION OF TRAFFIC
- ▭ WORK ZONE
- ⚡➡ TRAFFIC CONTROL FLASHING ARROW BOARD



PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

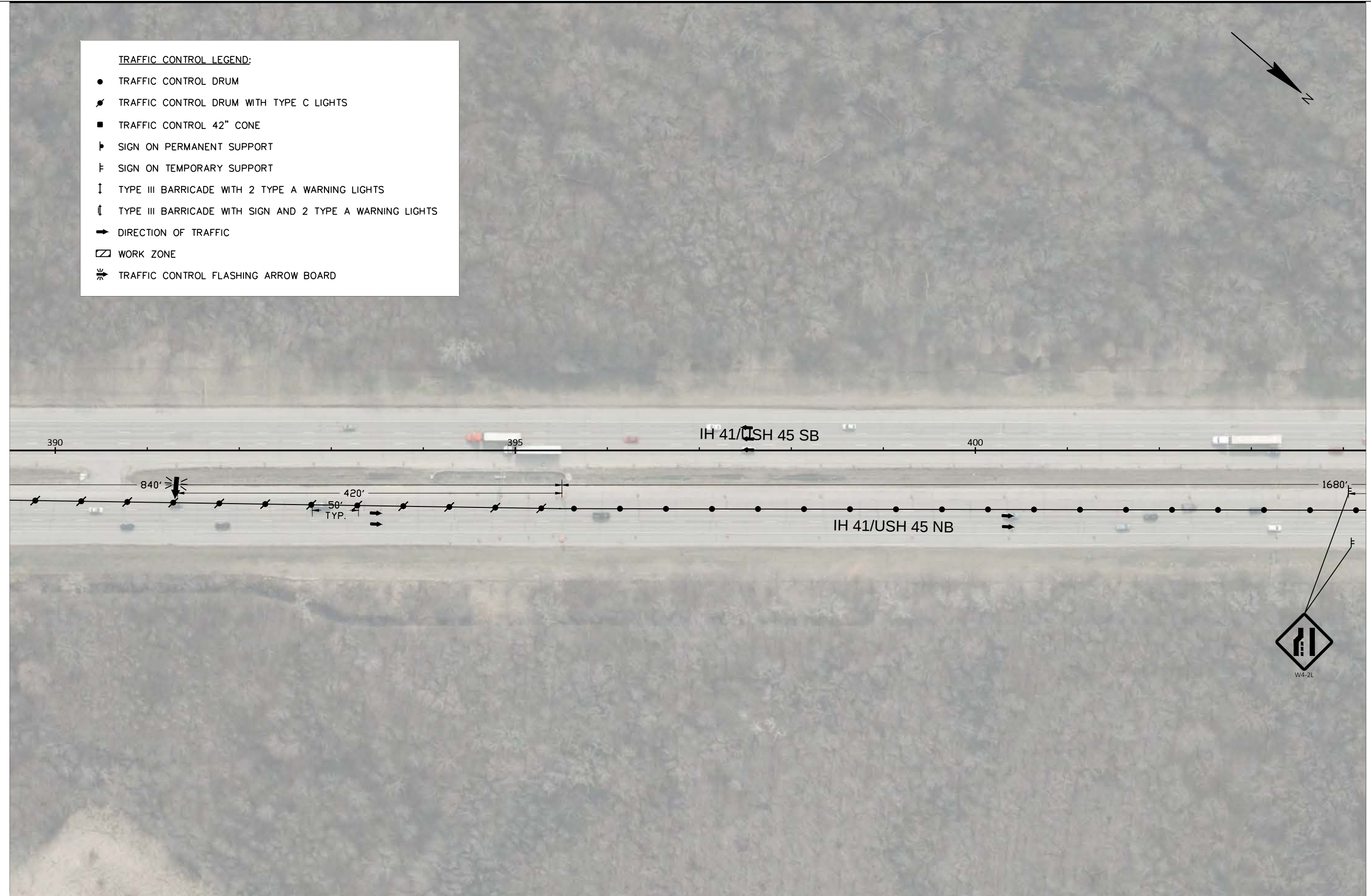
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

E

TRAFFIC CONTROL LEGEND:

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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

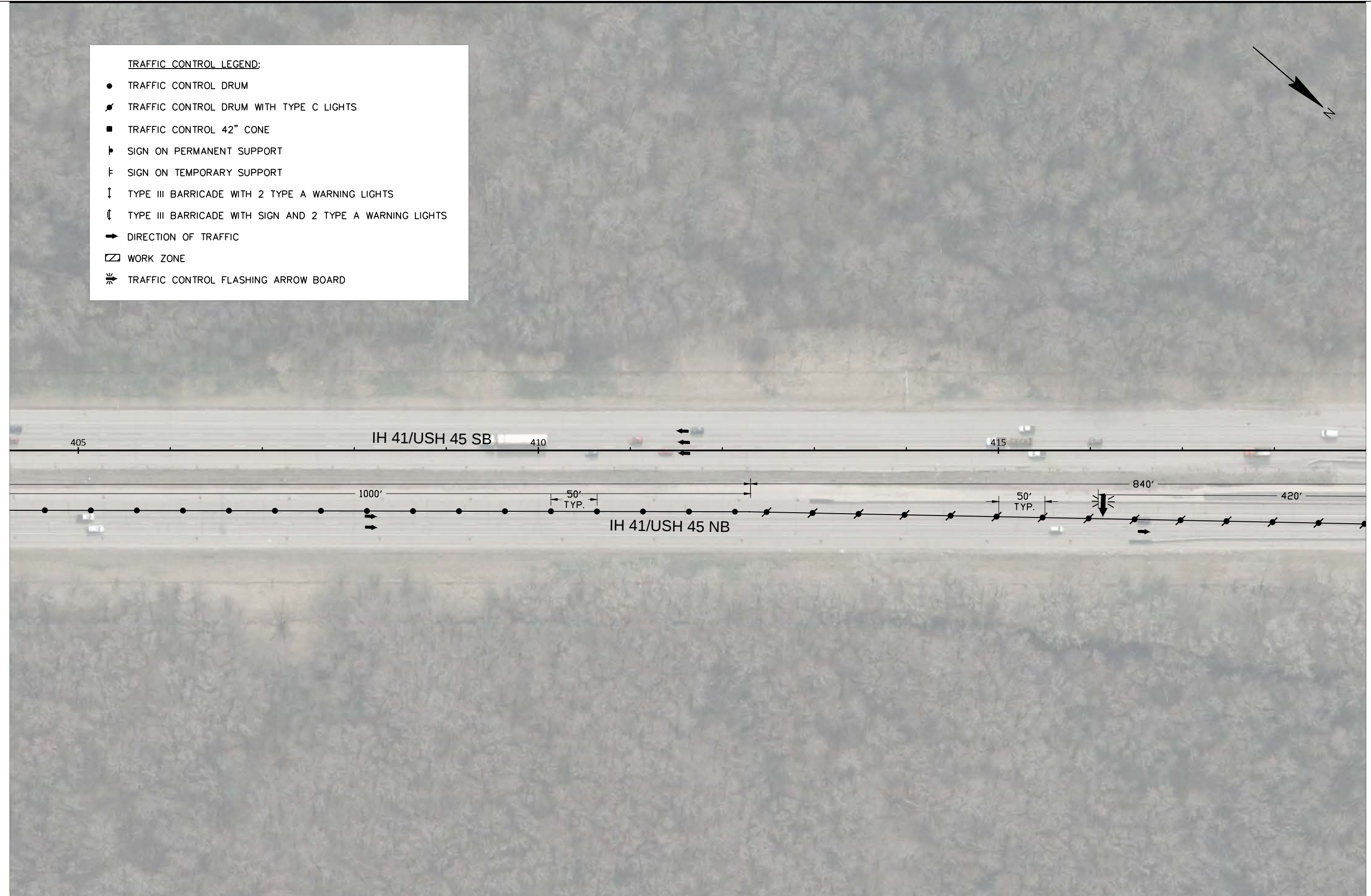
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

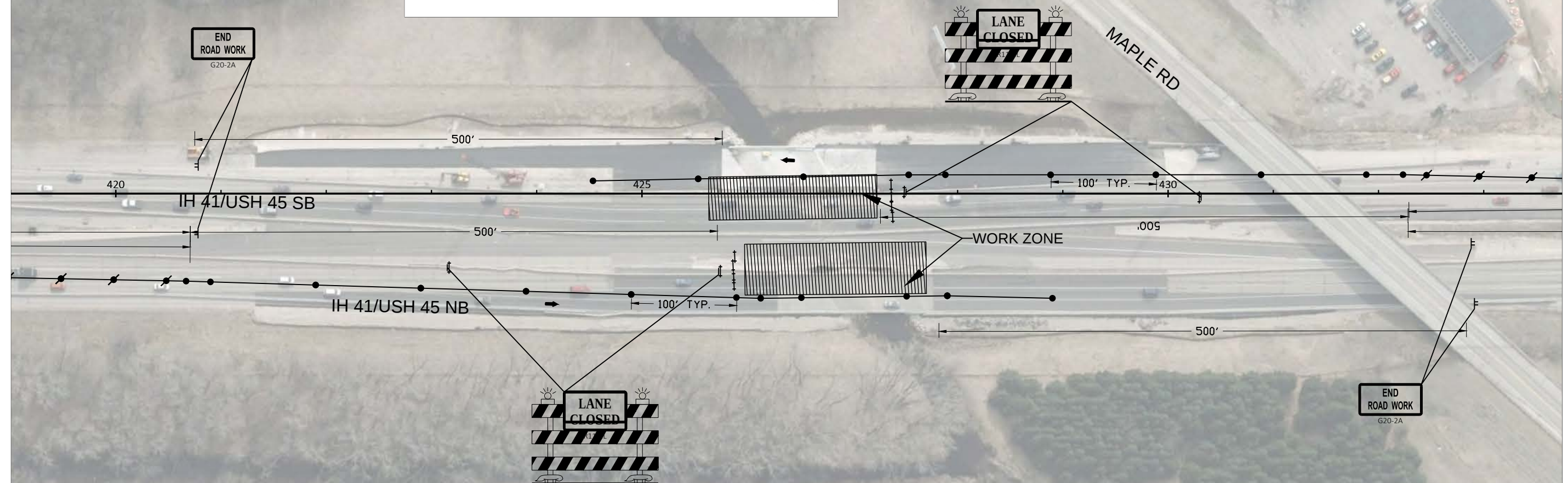
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

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- ▨ WORK ZONE
- ➔ TRAFFIC CONTROL FLASHING ARROW BOARD



PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

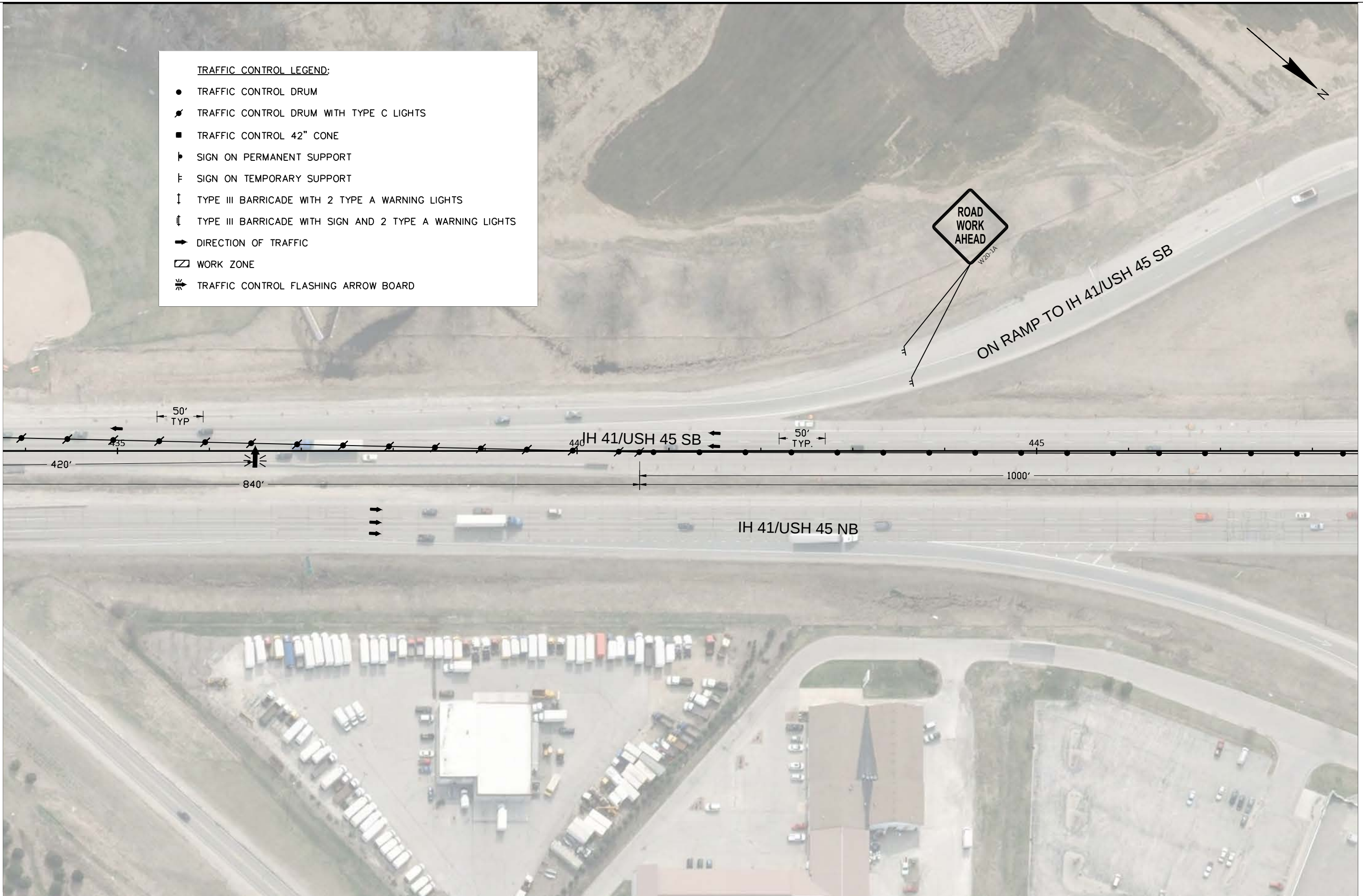
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

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PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

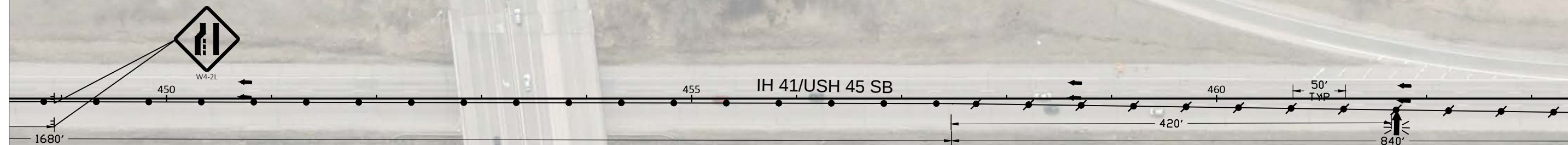
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

E

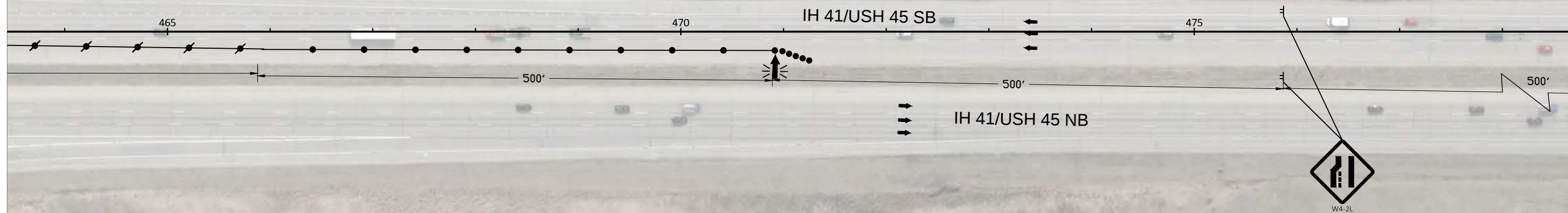
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- ▭ WORK ZONE
- ⚡ TRAFFIC CONTROL FLASHING ARROW BOARD



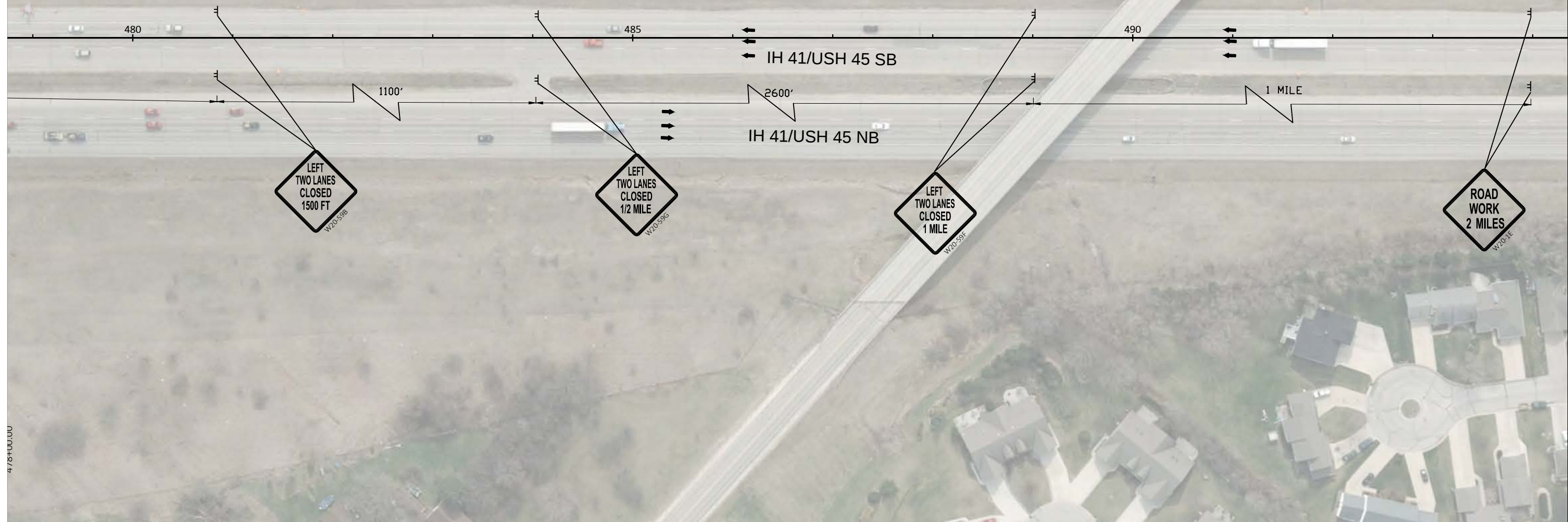
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- ▭ WORK ZONE
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PROJECT NO: 1100-17-74

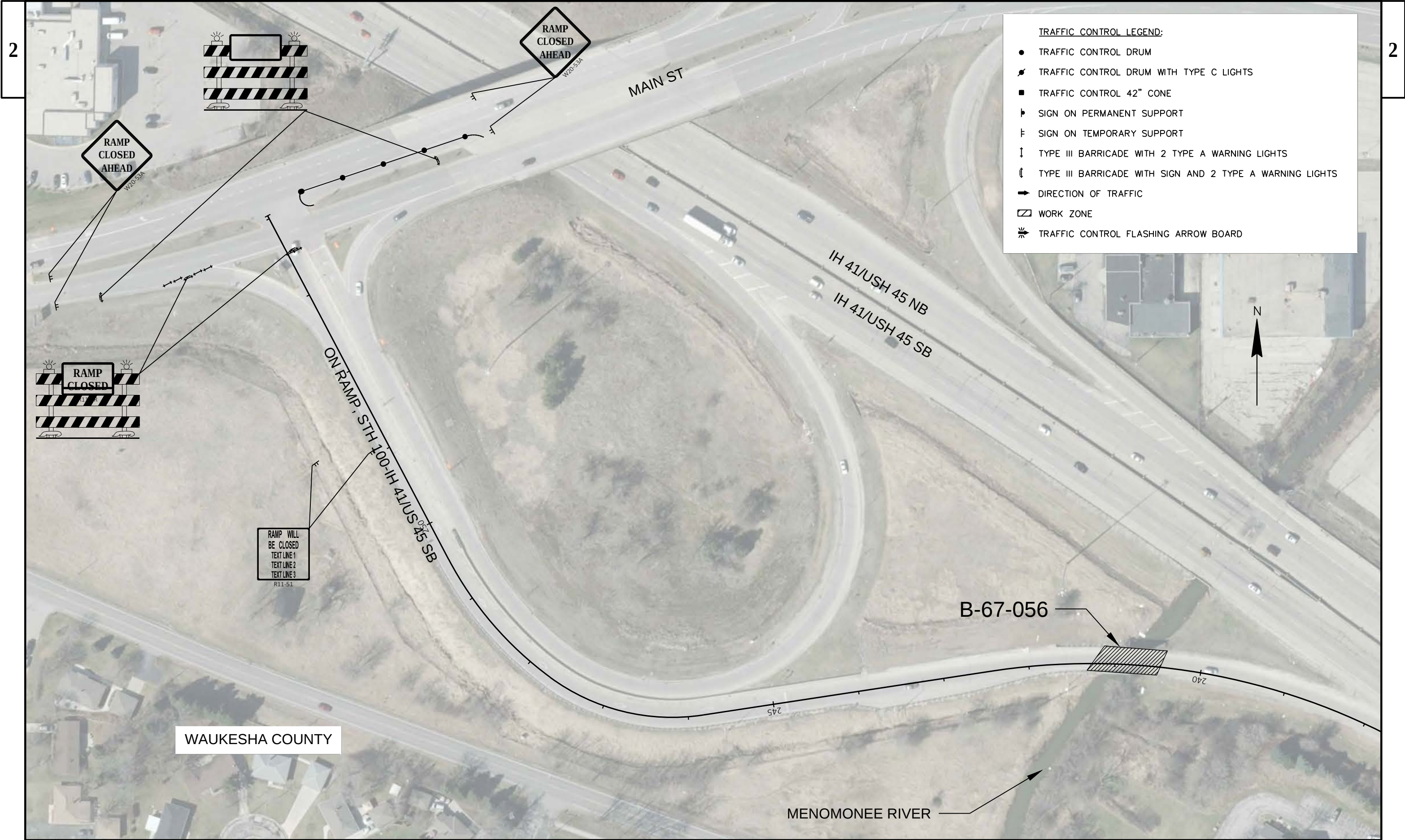
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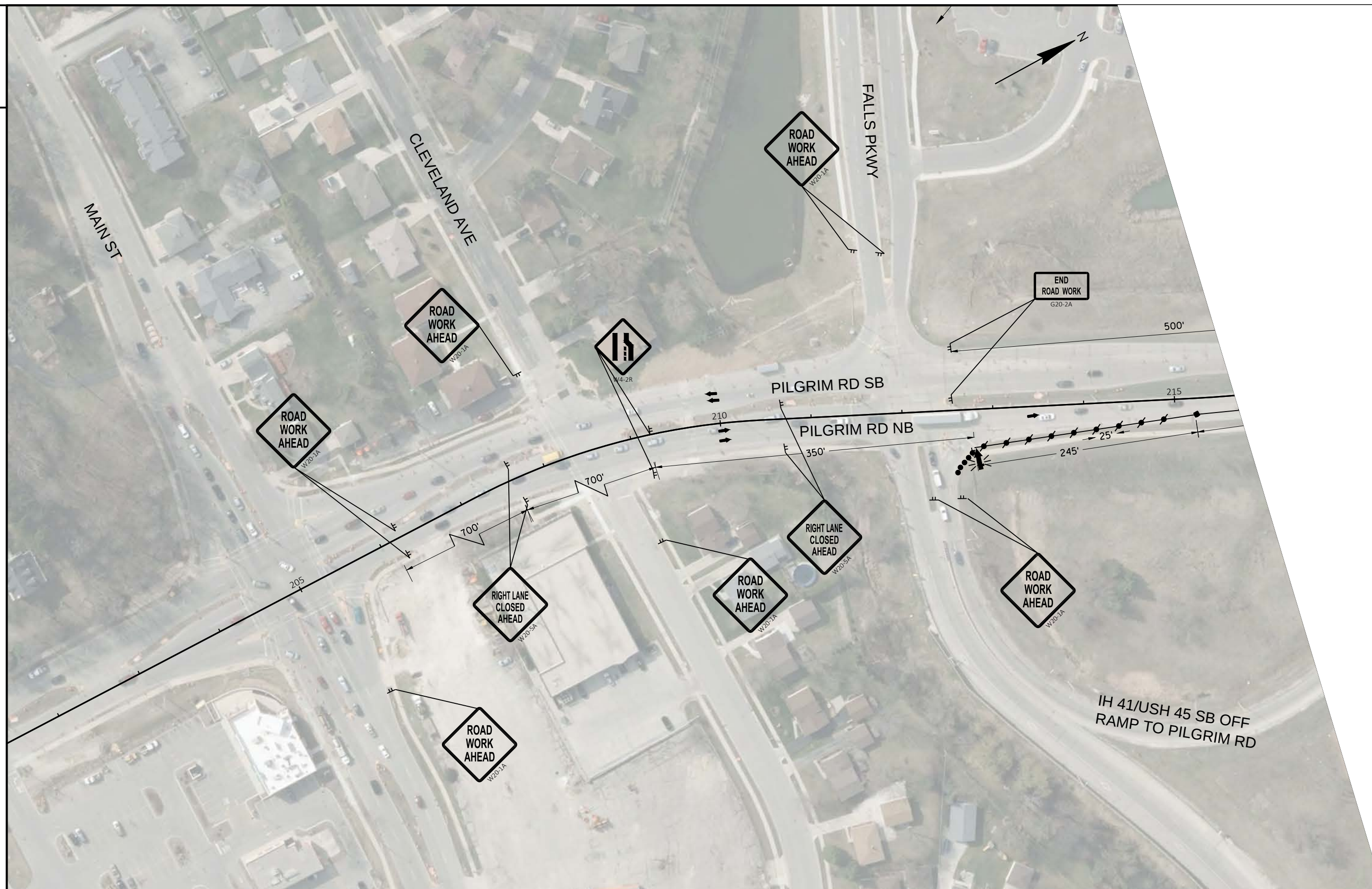
COUNTY: WAUKESHA & WASHINGTON

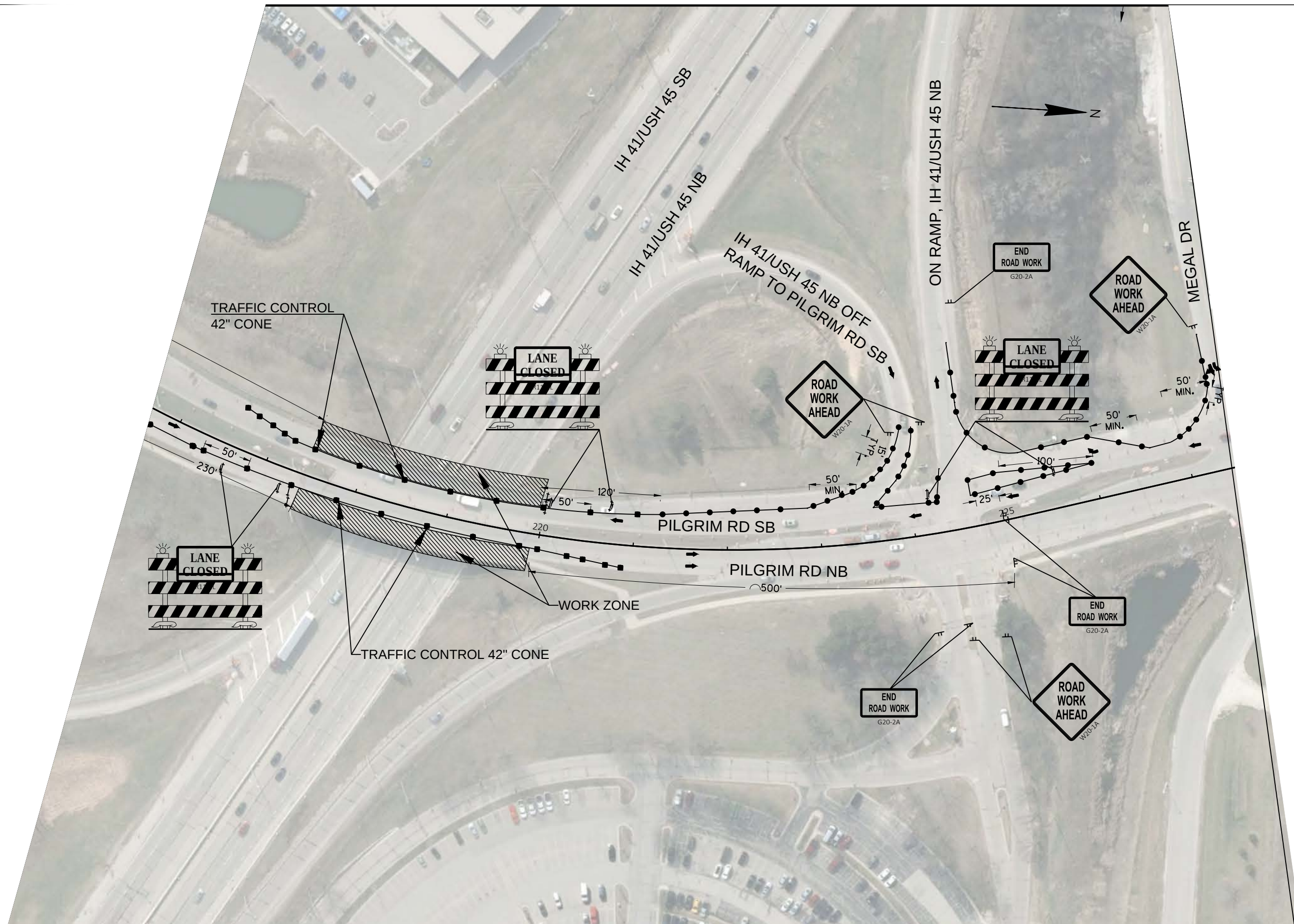
TRAFFIC CONTROL, IH 41/USH 45 STAGE 2

SHEET

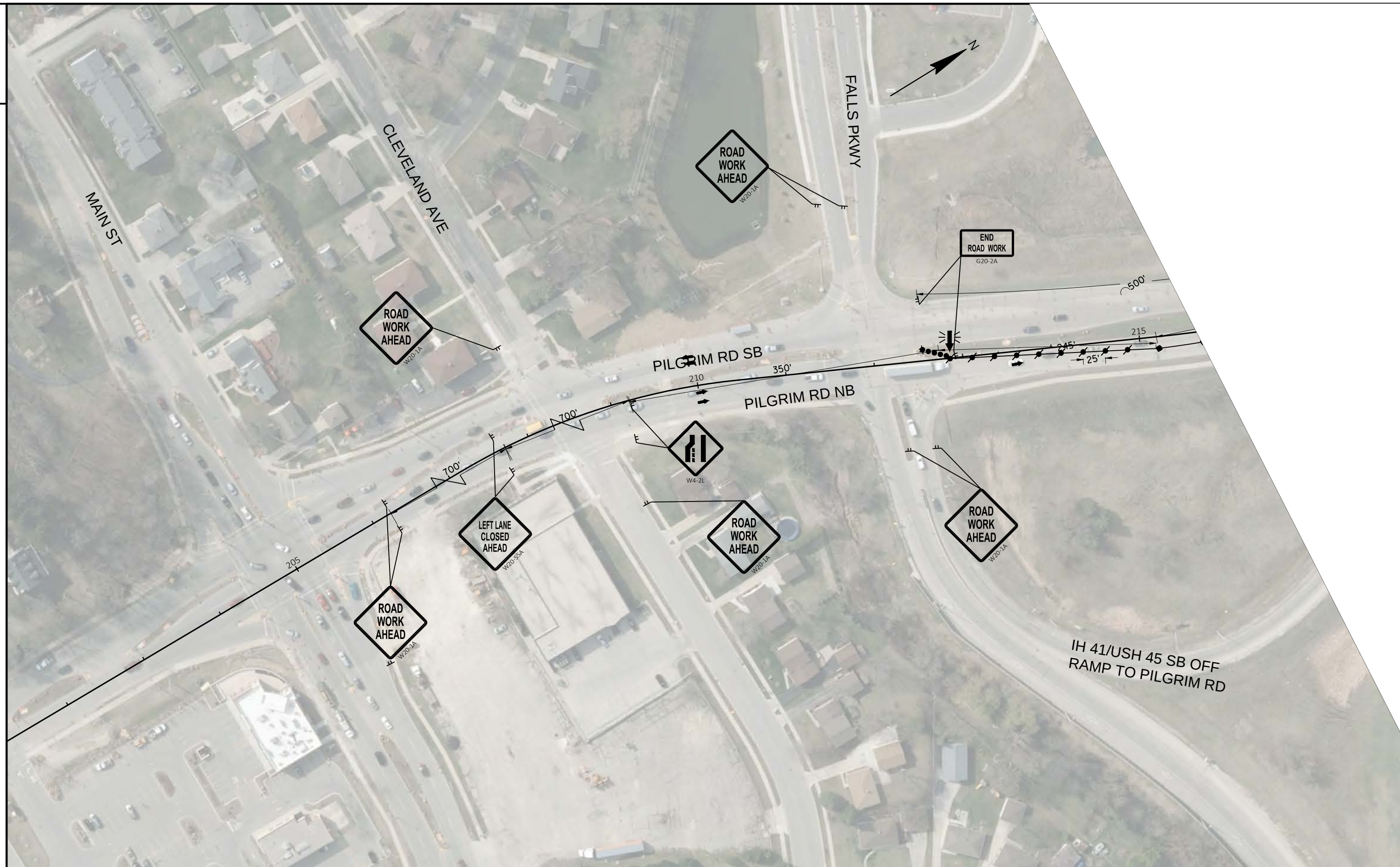
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PROJECT NO: 1100-17-74

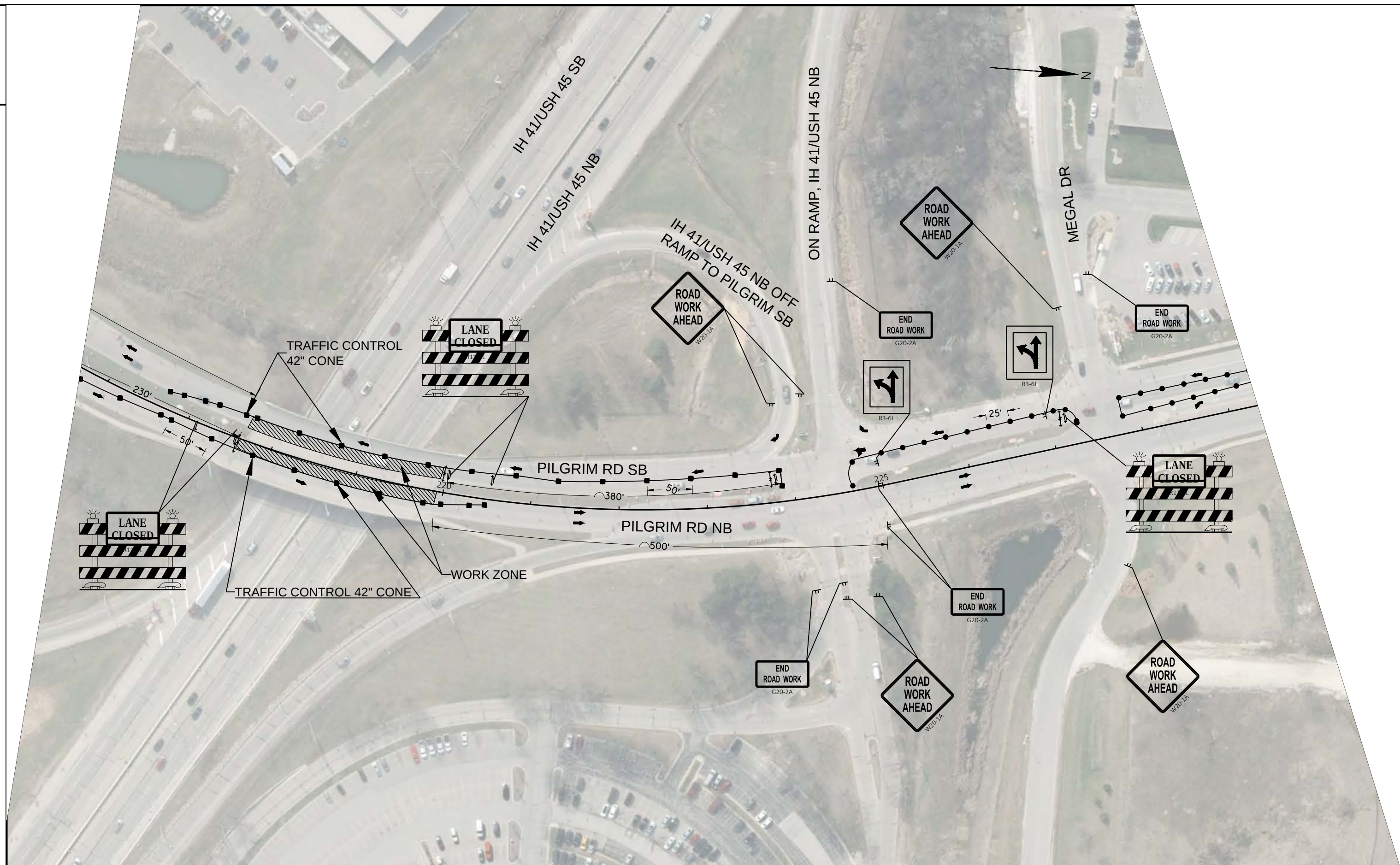
HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, PILGRIM RD, STAGE 2

SHEET

E



PROJECT NO: 1100-17-74

HWY: IH 41/USH 45

COUNTY: WAUKESHA & WASHINGTON

TRAFFIC CONTROL, PILGRIM RD, STAGE 2

SHEET

E

FILE NAME : N:\PDS\C3D\11001704\SHEETSP\PLAN\025001-TC_STAGE2.DWG
LAYOUT NAME - PilgrimRd_Stage2(2)

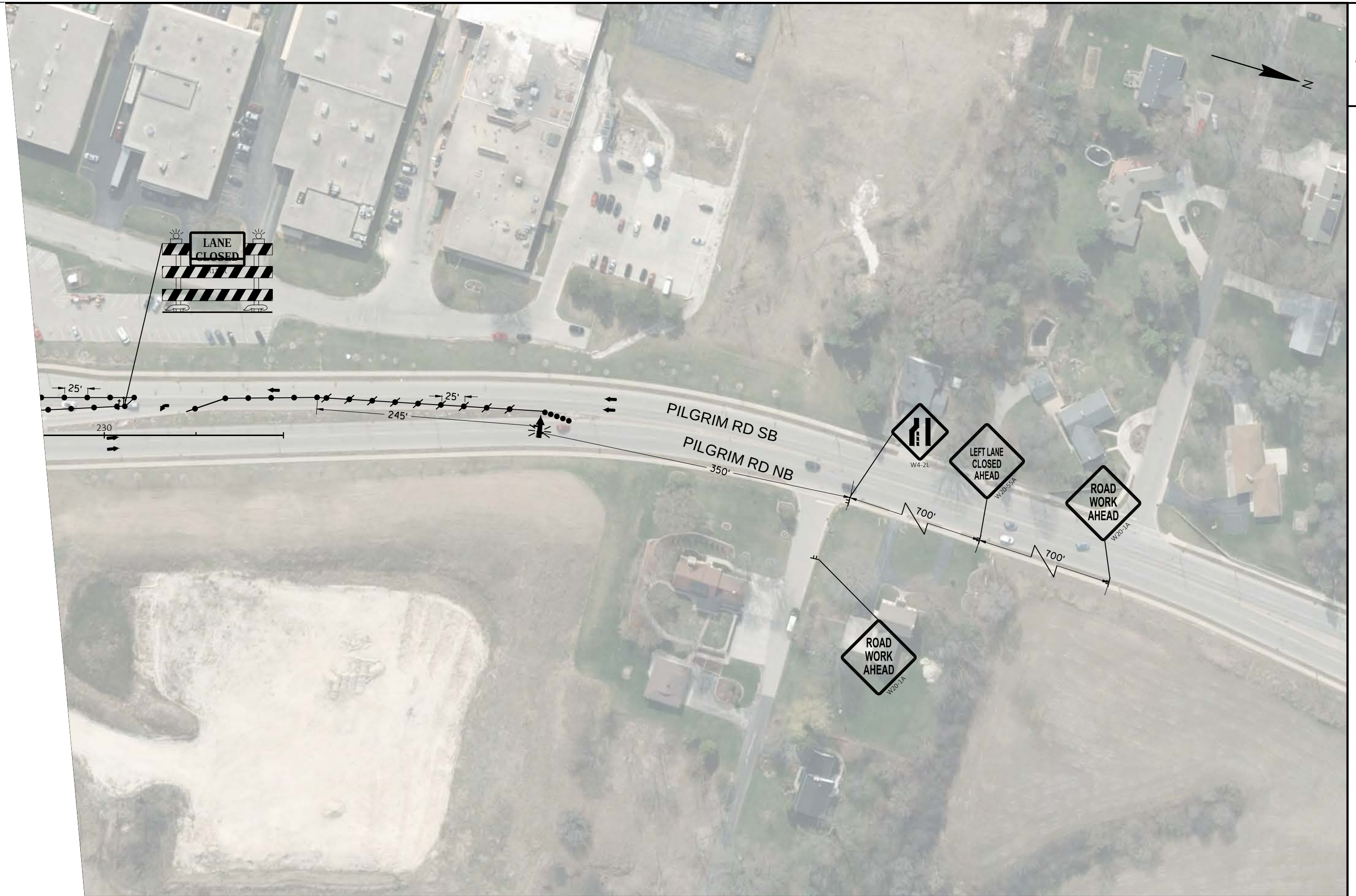
PLOT DATE : 4/15/2019 10:18 AM

PLOT BY : MANANDHAR, BHUVAN K

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42



EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

- a. With the plan open in Acrobat, select Document > Insert Pages.
- b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
- c. In the Insert dialog box, choose After for Location and Last page for Page.
- d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

- a. Go to the last sheet of the plan.
- b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

- a. Select File > Save As and save the PDF.

TO REMOVE PRELIMINARY SHEET NUMBERS