WKE

MAY 2019

PROJECT ID : 1000-77-18

WITH : N.A.

COUNTY : SE REGION WIDE

ORDER OF SHEETS

Section No. 1 Title
Section No. Typical Sections and Details
Section No. Estimate of Quantities
Section No. Miscellaneous Quantities
Section No. Standard Detail Drawings

TOTAL SHEETS = 384

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1000-77-19	WISC 2019285	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

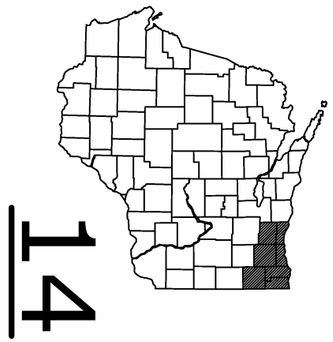
PLAN OF PROPOSED IMPROVEMENT

EPOXY PAVEMENT MARKING - 2019

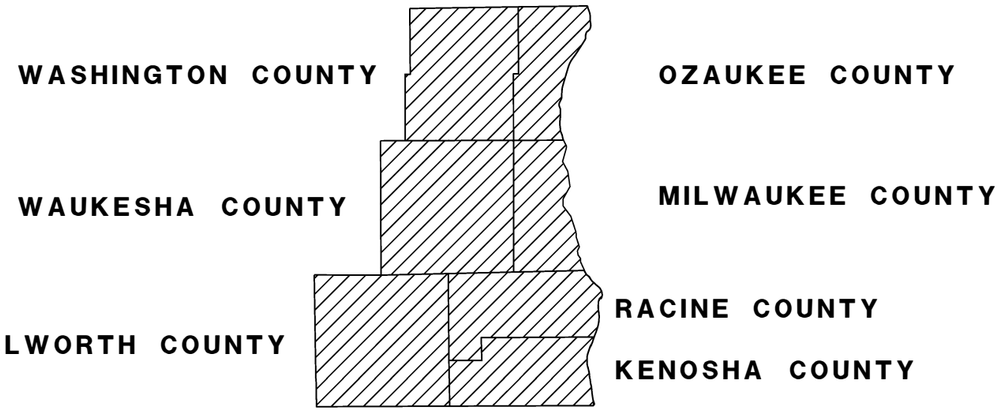
LOCATIONS ON STN PER ANNUAL PLAN
VARIOUS HIGHWAYS
SE REGION WIDE

STATE PROJECT NUMBER

1000-77-19



14



N

CONVENTIONAL SIGNS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
CULVERT (Profile View)

P.L. + 58.1

COMBUSTIBLE FLUIDS

CAUTION

UNDERGROUND UTILITIES
GAS — G —
ELECTRIC — E —
TELEPHONE OR TELEGRAPH — T —
SERVICE PEDESTAL
CABLE MARKER
POWER POLE
TELEPHONE POLE
RAILROAD
MARSH AREA
WOODED OR SHRUB AREA

LAYOUT

SCALE

PROJECT ID 1000-77-19

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	DONALD STEEL
Project Manager	DONALD STEEL
Regional Examiner	TOM HEYDEL
Regional Supervisor	DON BERGHAMMER
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: _____ Thomas Heydel, P.E. (Signature)

E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\010101_ti.dgn PLOT DATE : 05-MAR-2019 07:32 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 200:1

WISDOT/CADDS SHEET 15

2

GENERAL NOTES:

1. THERE ARE NO UTILITY IMPACTS FOR THIS PROJECT

2. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL 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.

CONTACTS:

DNR- SPILL HOTLINE (24HR)
1-800-943-0003



EPOXY PAVEMENT MARKING 2019

2

N

103 USH 45 / AT STH 142

RACINE CO.

BRIGHTON

PARIS

SOMERS

WHEATLAND

Paddock Lake

Silver Lake

SALEM

BRISTOL

Pleasant Prairie

Kenosha

Michigan

Lake

105 STH 50 / STH 75 / 83 TO 242ND AVE.

307 IH 94 / STH 50 TO WISC./ILLINOIS STATE LINE

PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: KENOSHA	OVERVIEW - KENOSHA COUNTY	SHEET 3	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\020201_po.dgn PLOT DATE : 29-JAN-2019 07:38 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 12000:1

EPOXY PAVEMENT MARKING 2019

2

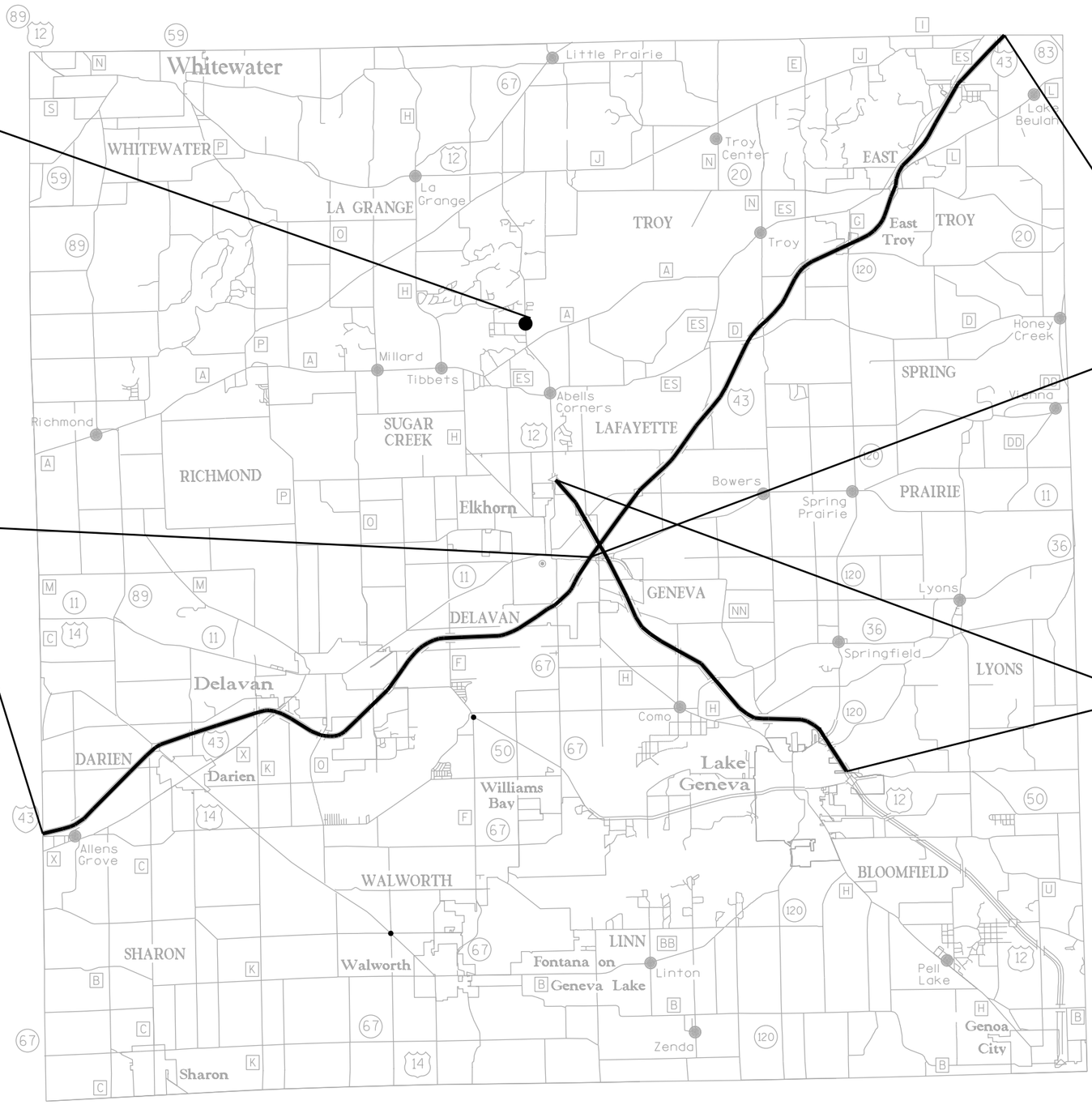
2

STH 67
AT GLAD HURST LN.
100

IH 43
WALW./ROCK CO. LINE
TO SO. OF USH 12 INTERCHANGE
300

301 IH 43
600' SOUTH OF USH 12 INTERCHANGE
TO WALW./WAUK. CO. LINE

303 USH 12
STH 67 INTERCHANGE TO 2500' N.
OF STH 50 INTERCHANGE

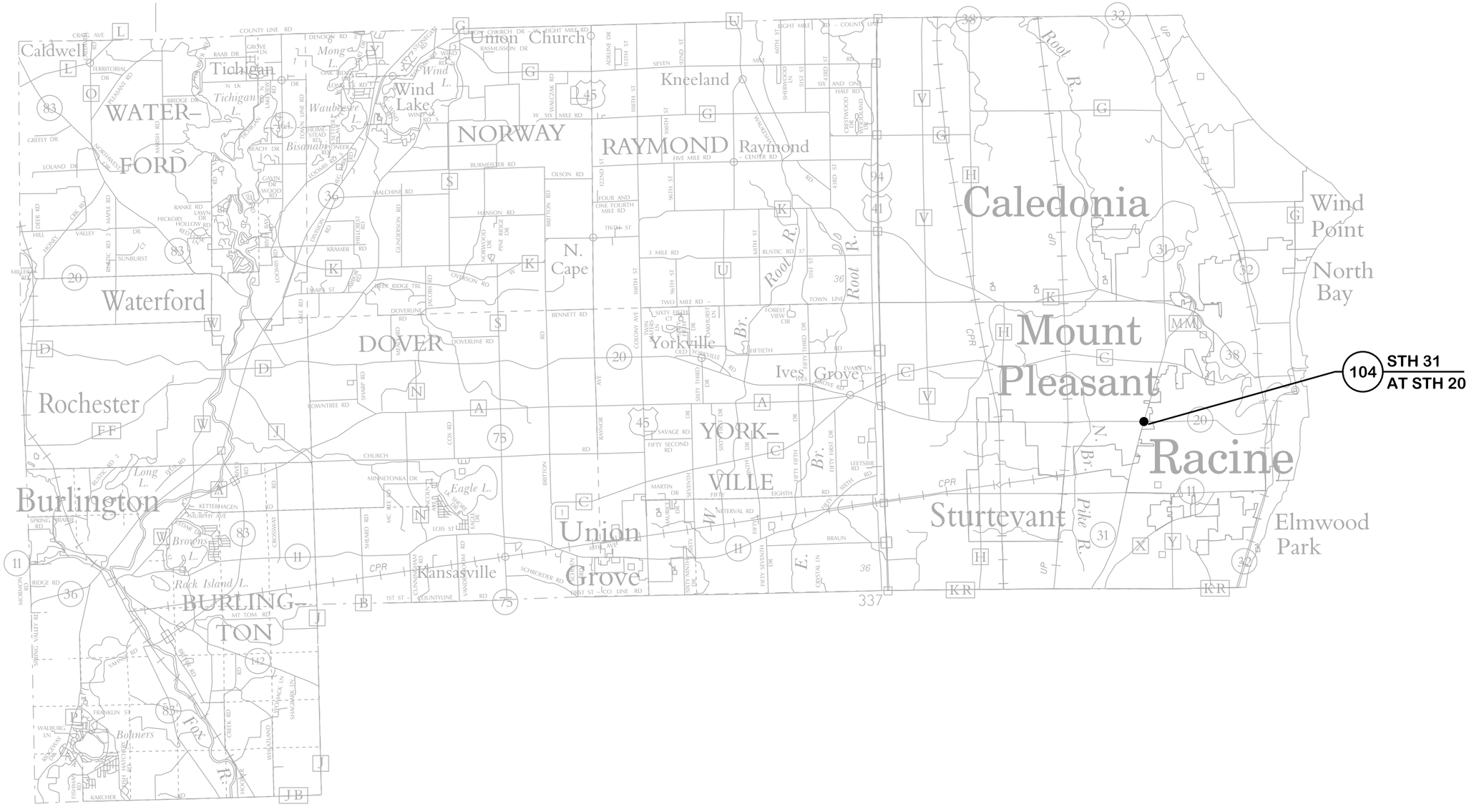


PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: WALWORTH	OVERVIEW - WALWORTH COUNTY	SHEET 4	E

EPOXY PAVEMENT MARKING 2019

2

N



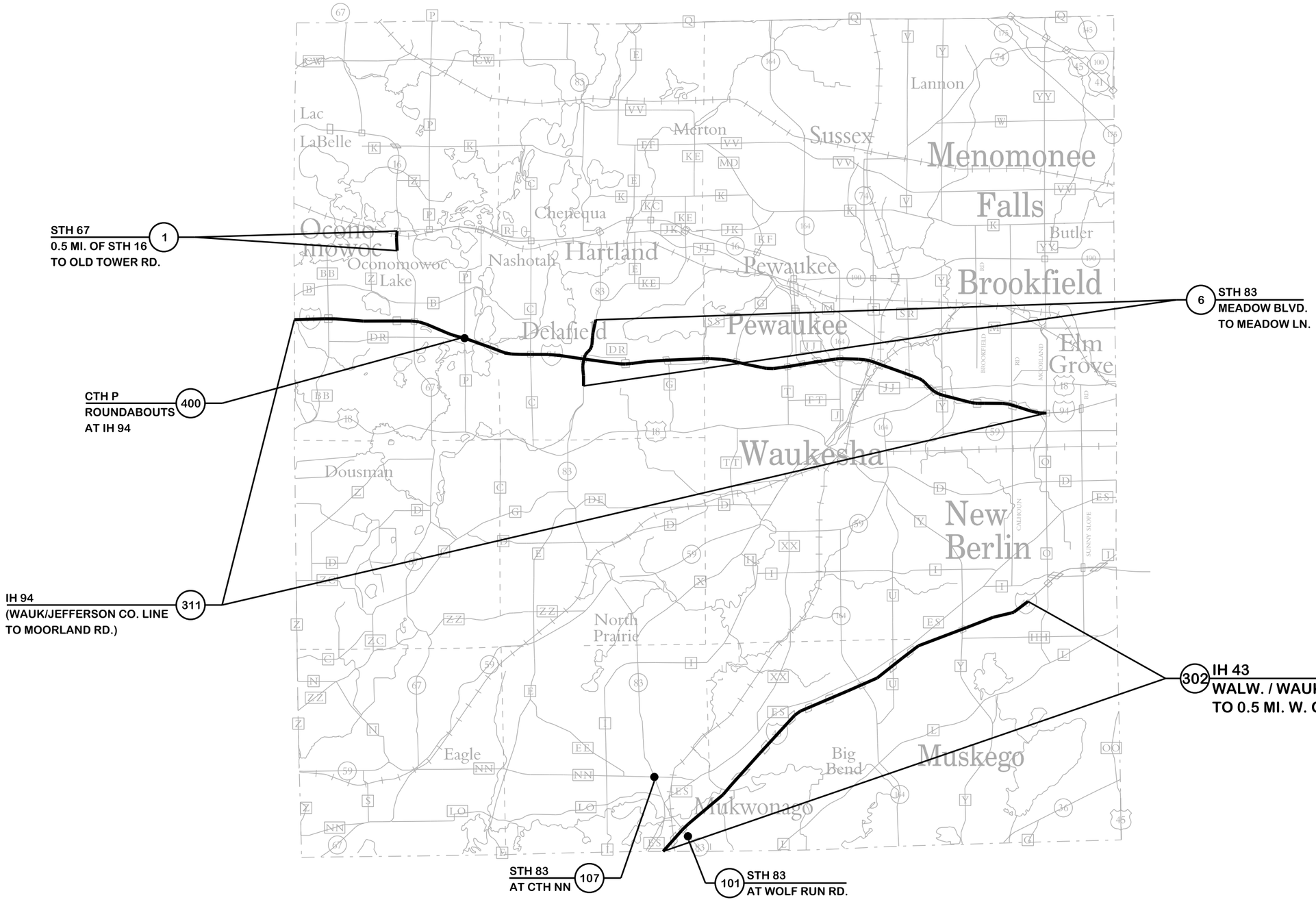
PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: RACINE	OVERVIEW - RACINE COUNTY	SHEET 5	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\020201_po.dgn PLOT DATE : 29-JAN-2019 07:38 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 12000:1

EPOXY PAVEMENT MARKING 2019

2

N



STH 67 (1)
0.5 MI. OF STH 16
TO OLD TOWER RD.

CTH P (400)
ROUNDABOUTS
AT IH 94

IH 94 (311)
(WAUK/JEFFERSON CO. LINE
TO MOORLAND RD.)

STH 83 (6)
MEADOW BLVD.
TO MEADOW LN.

IH 43 (302)
WALW. / WAUKE. CO. LINE
TO 0.5 MI. W. OF XTH O (MOORLAND RD)

STH 83 (107)
AT CTH NN

STH 83 (101)
AT WOLF RUN RD.

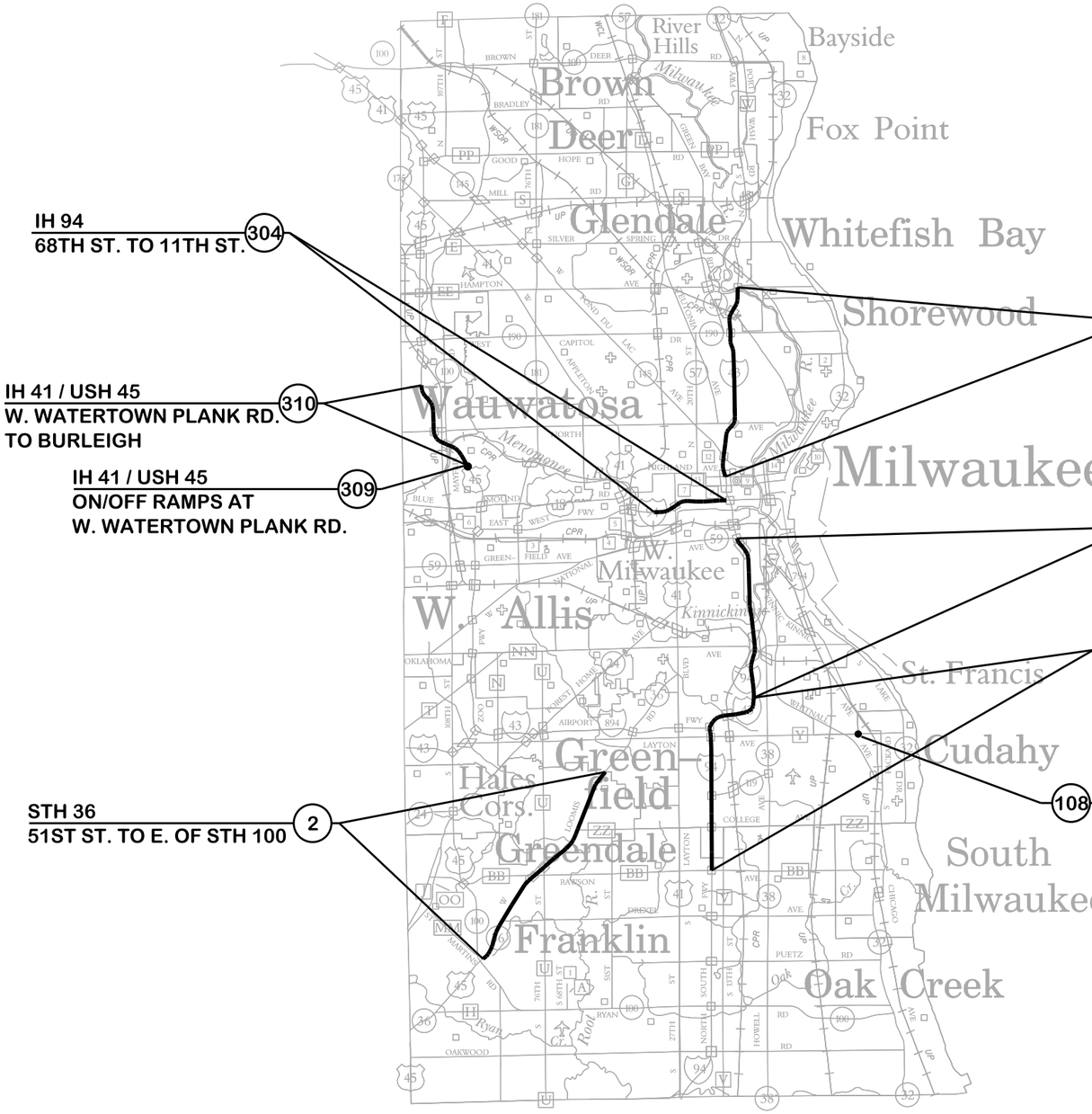
PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: WAUKESHA	OVERVIEW - WAUKESHA COUNTY	SHEET 6	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\020201_po.dgn PLOT DATE : 29-JAN-2019 07:38 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 16000:1
WISDOT/CADDS SHEET 42

EPOXY PAVEMENT MARKING 2019

2

N



IH 94
68TH ST. TO 11TH ST. (304)

IH 41 / USH 45
W. WATERTOWN PLANK RD. TO BURLEIGH (310)

IH 41 / USH 45
ON/OFF RAMPS AT W. WATERTOWN PLANK RD. (309)

STH 36
51ST ST. TO E. OF STH 100 (2)

IH 43
WISC. AVE. TO HAMPTON AVE. (308)

IH 94/IH 43
SO. OF NATIONAL AVE. TO W. HOWARD AVE. (305)

IH 94
W. HOWARD AVE. TO W. RAWSON AVE. (CTH BB) (306)

STH 794
AT LAYTON AVE. (108)

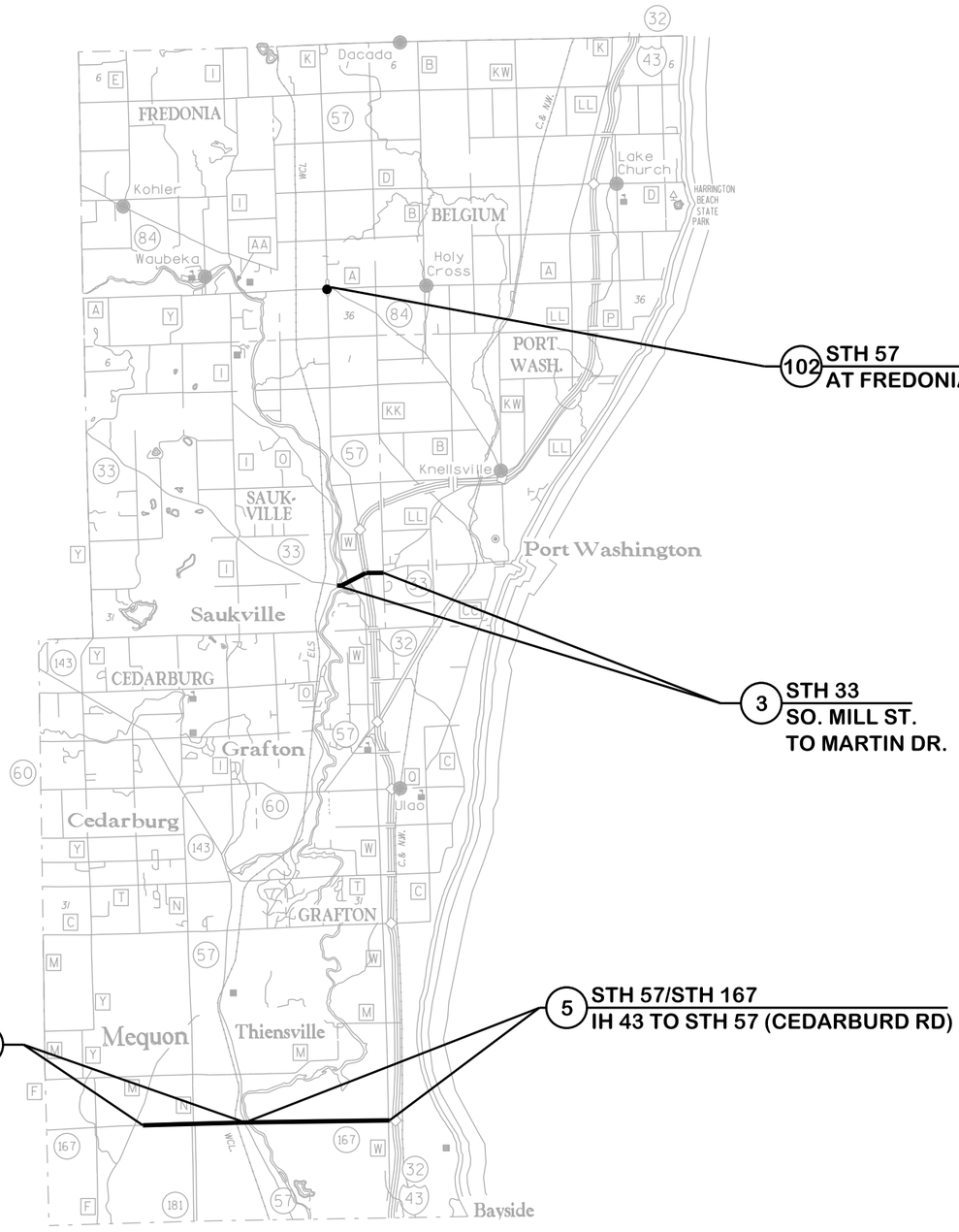
TURKEY TRACKS - DOT PATTERN TO RAMPS
VARIOUS LOCATIONS (106)

PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: MILWAUKEE	OVERVIEW - MILWAUKEE COUNTY	SHEET 7	E

EPOXY PAVEMENT MARKING 2019

2

N

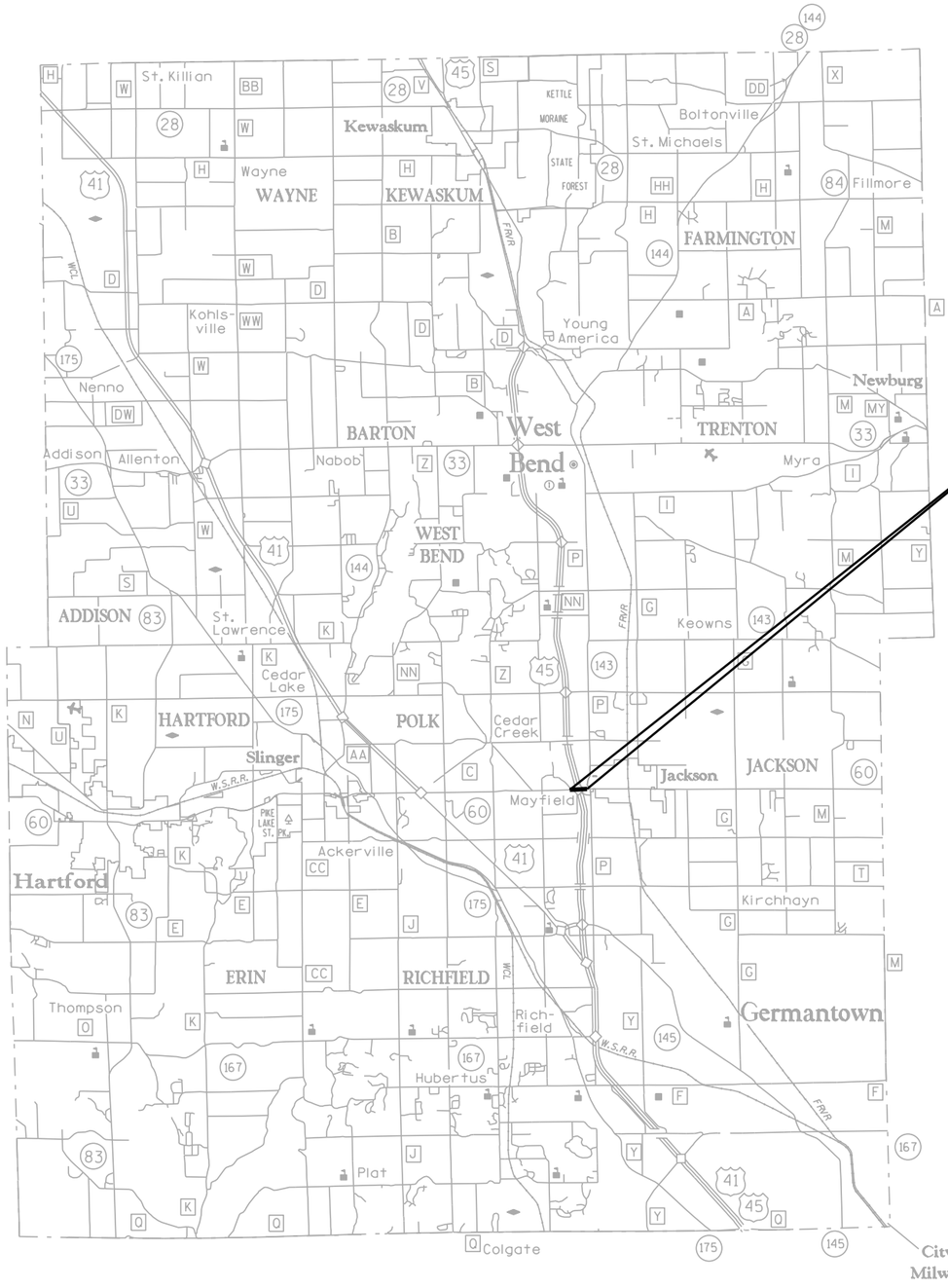


PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: OZAUKEE	OVERVIEW - OZAUKEE COUNTY	SHEET 8	E

EPOXY PAVEMENT MARKING 2019

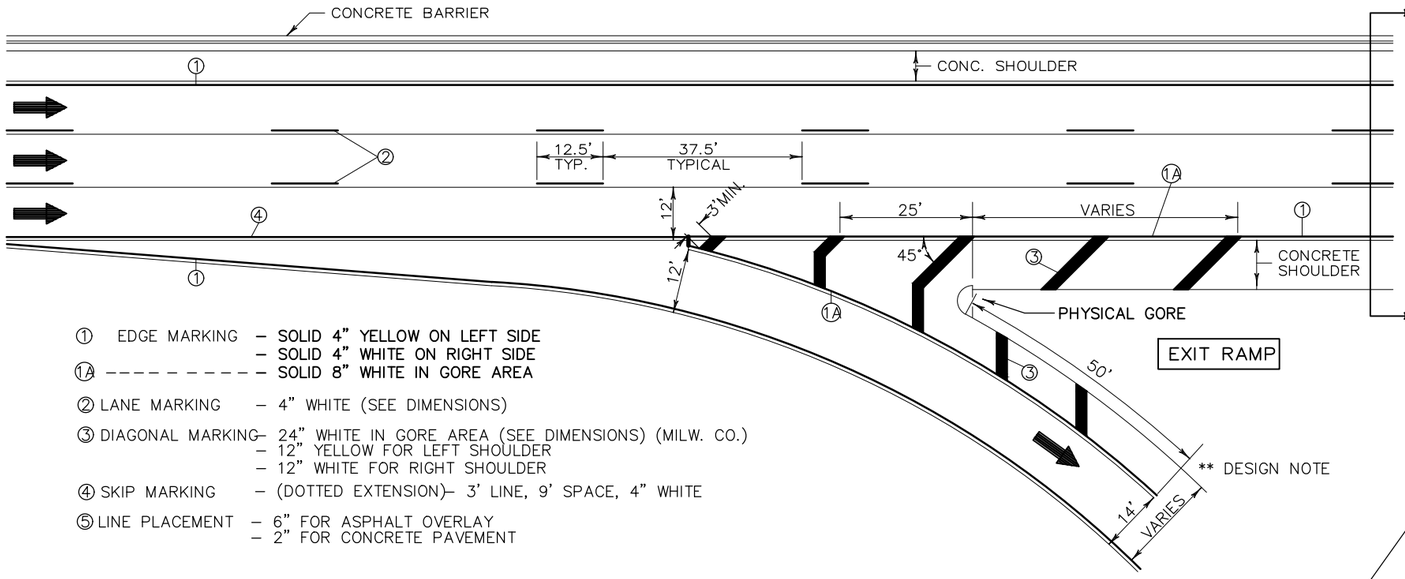
2

N

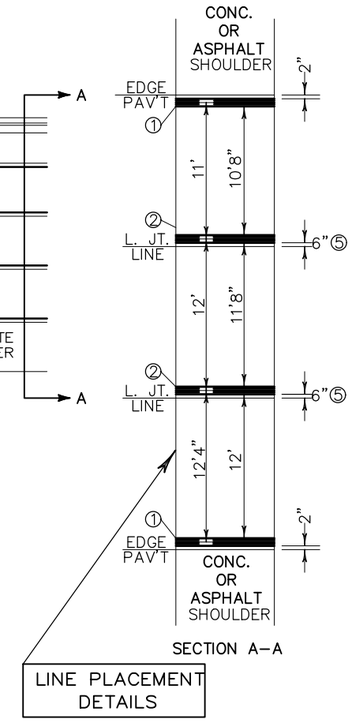


PROJECT NO: 1000-77-19	HWY: VARIOUS HWYS	COUNTY: WASHINGTON	OVERVIEW - WASHINGTON COUNTY	SHEET 9	E

DETAIL 1



① EDGE MARKING – SOLID 4" YELLOW ON LEFT SIDE
– SOLID 4" WHITE ON RIGHT SIDE
①A – – – – – – – – – – SOLID 8" WHITE IN GORE AREA
② LANE MARKING – 4" WHITE (SEE DIMENSIONS)
③ DIAGONAL MARKING – 24" WHITE IN GORE AREA (SEE DIMENSIONS) (MILW. CO.)
– 12" YELLOW FOR LEFT SHOULDER
– 12" WHITE FOR RIGHT SHOULDER
④ SKIP MARKING – (DOTTED EXTENSION)– 3' LINE, 9' SPACE, 4" WHITE
⑤ LINE PLACEMENT – 6" FOR ASPHALT OVERLAY
– 2" FOR CONCRETE PAVEMENT

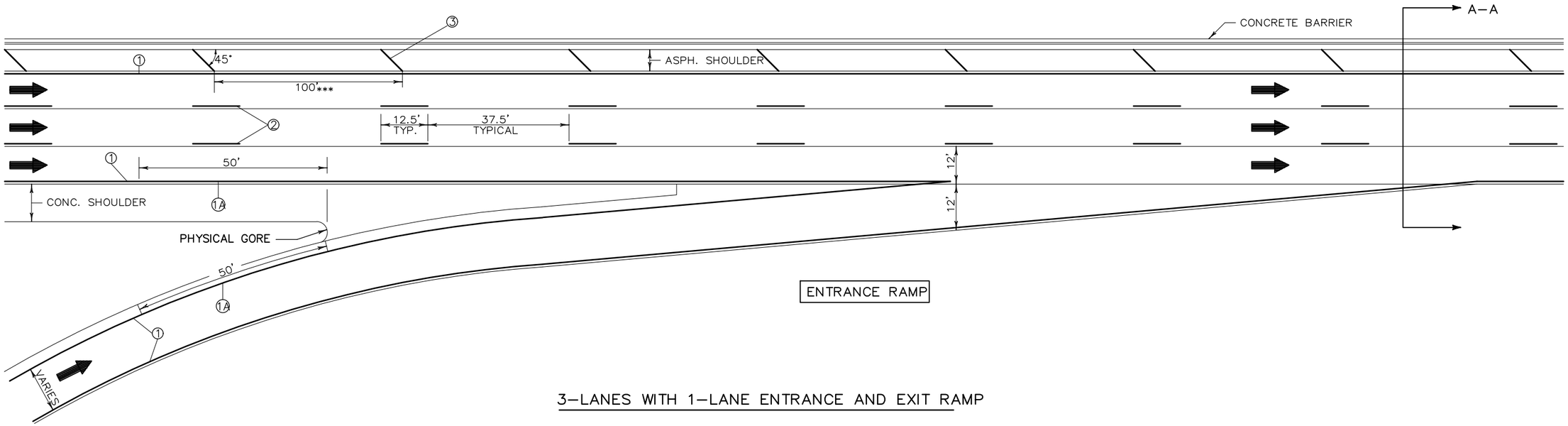


SECTION A–A

LINE PLACEMENT DETAILS

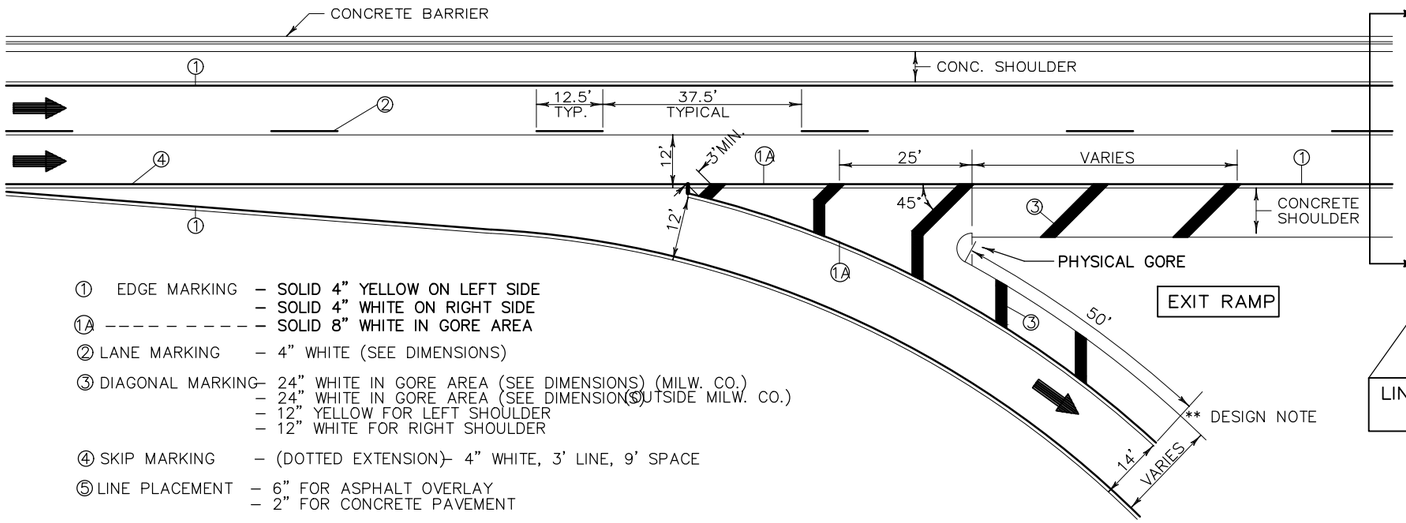
NOTES:

1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.

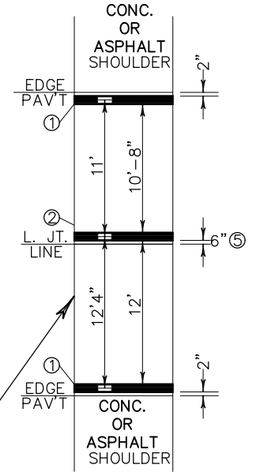


3–LANES WITH 1–LANE ENTRANCE AND EXIT RAMP

2



① EDGE MARKING – SOLID 4" YELLOW ON LEFT SIDE
– SOLID 4" WHITE ON RIGHT SIDE
1A – – – – – – – – – – SOLID 8" WHITE IN GORE AREA
② LANE MARKING – 4" WHITE (SEE DIMENSIONS)
③ DIAGONAL MARKING – 24" WHITE IN GORE AREA (SEE DIMENSIONS) (MILW. CO.)
– 24" WHITE IN GORE AREA (SEE DIMENSIONS) (OUTSIDE MILW. CO.)
– 12" YELLOW FOR LEFT SHOULDER
– 12" WHITE FOR RIGHT SHOULDER
④ SKIP MARKING – (DOTTED EXTENSION)– 4" WHITE, 3' LINE, 9' SPACE
⑤ LINE PLACEMENT – 6" FOR ASPHALT OVERLAY
– 2" FOR CONCRETE PAVEMENT

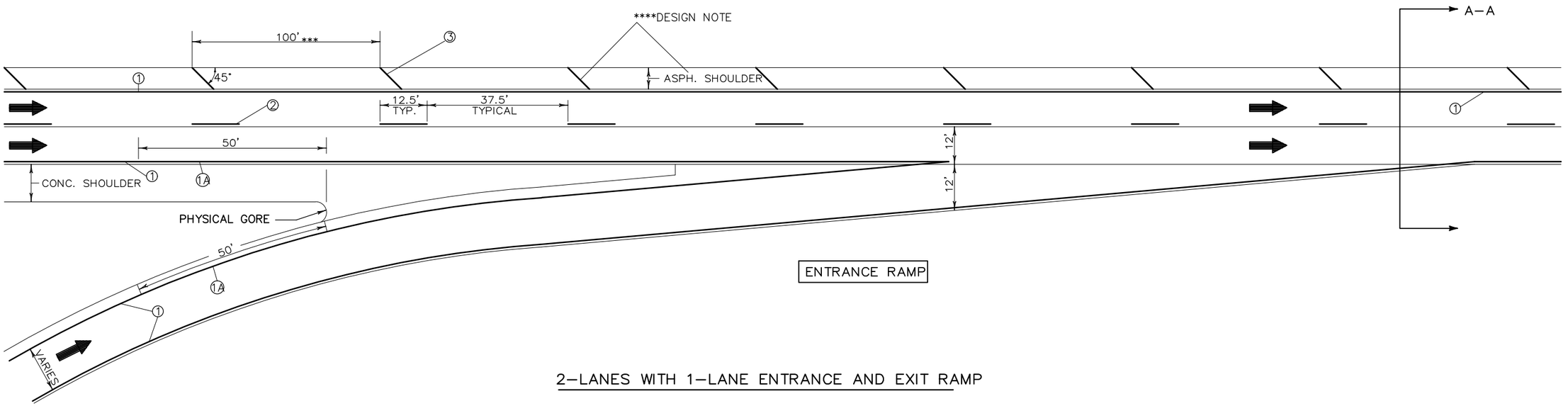


SECTION A–A

LINE PLACEMENT DETAILS

NOTES:

1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.

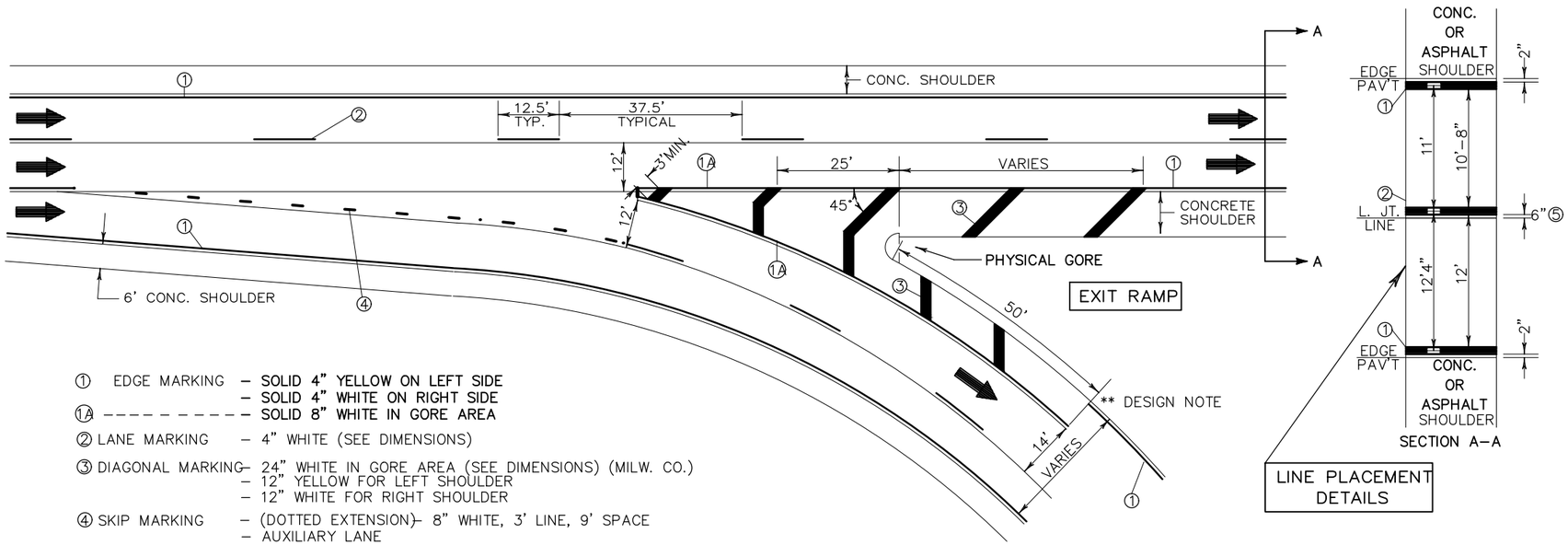


ENTRANCE RAMP

2–LANES WITH 1–LANE ENTRANCE AND EXIT RAMP

GORES, FREEWAYS, & EXPRESSWAYS (EPOXY)

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	PAVEMENT MARKING, RAMP	SHEET 11	E



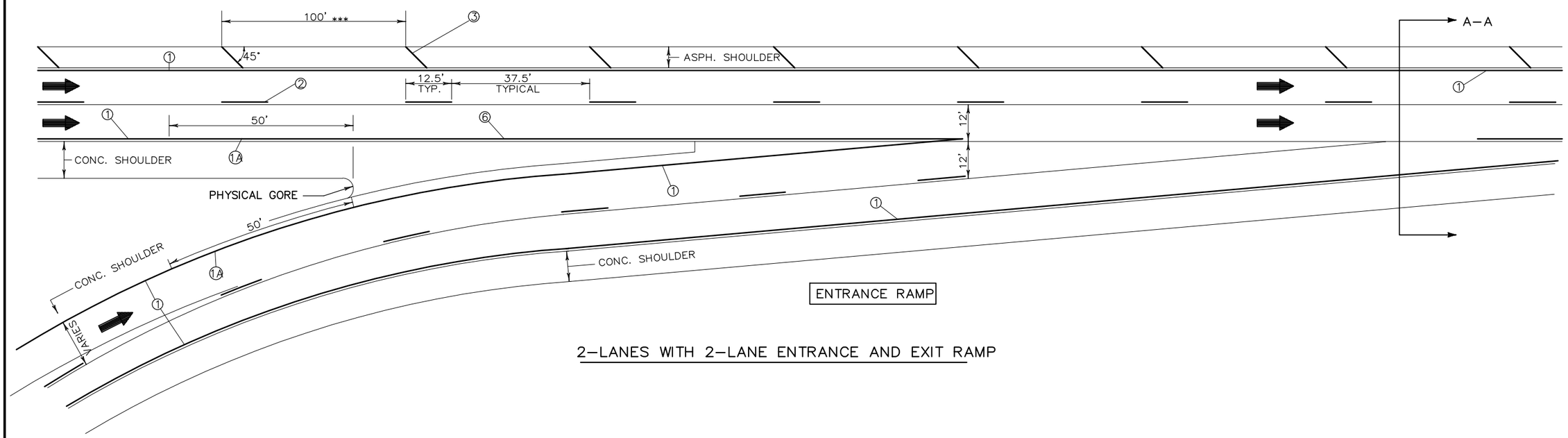
① EDGE MARKING – SOLID 4" YELLOW ON LEFT SIDE
– SOLID 4" WHITE ON RIGHT SIDE
①A – – – – – – – – – – – SOLID 8" WHITE IN GORE AREA
② LANE MARKING – 4" WHITE (SEE DIMENSIONS)
③ DIAGONAL MARKING – 24" WHITE IN GORE AREA (SEE DIMENSIONS) (MILW. CO.)
– 12" YELLOW FOR LEFT SHOULDER
– 12" WHITE FOR RIGHT SHOULDER
④ SKIP MARKING – (DOTTED EXTENSION) – 8" WHITE, 3' LINE, 9' SPACE
– AUXILIARY LANE
⑤ LINE PLACEMENT – 6" FOR ASPHALT OVERLAY
– 2" FOR CONCRETE PAVEMENT

SECTION A–A

LINE PLACEMENT DETAILS

NOTES:

1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 8" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



ENTRANCE RAMP

2–LANES WITH 2–LANE ENTRANCE AND EXIT RAMP

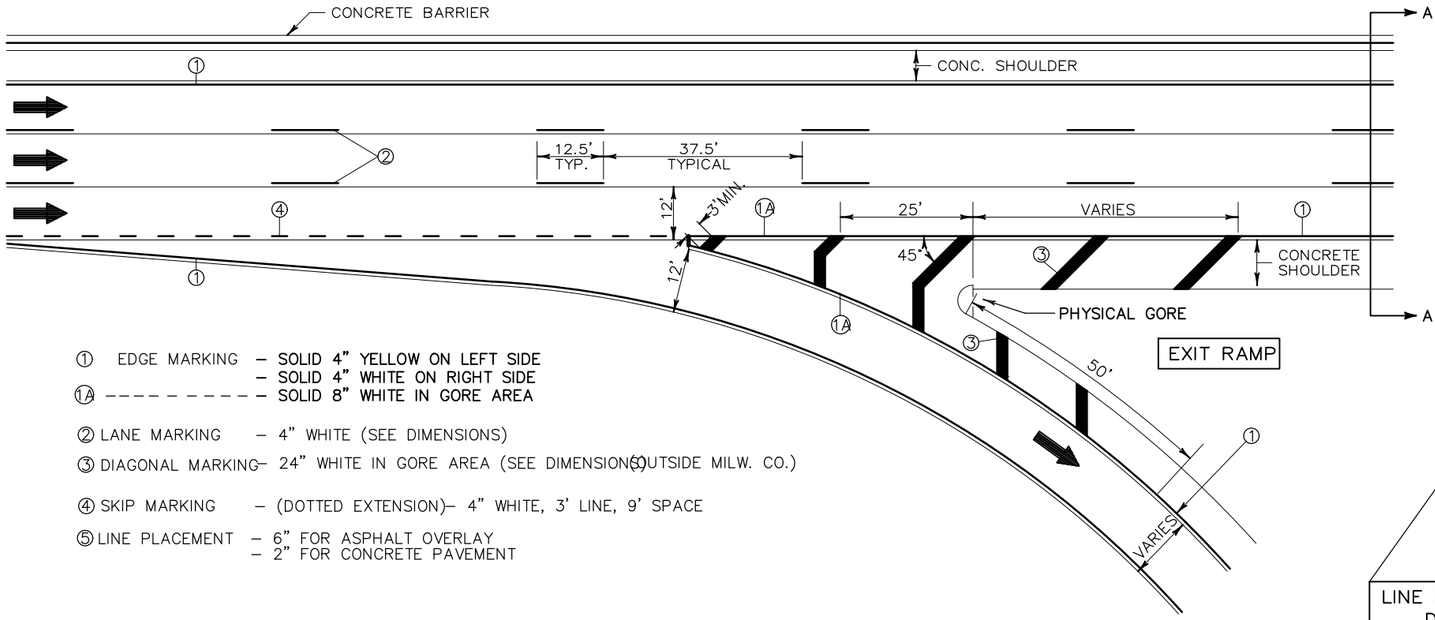
GORES, FREEWAYS, & EXPRESSWAYS (EPOXY)

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	PAVEMENT MARKING, RAMPS	SHEET 12	E

2

DETAIL 4

RACINE, KENOSHA, WALWORTH, WAUKESHA, OZAUKEE & WASHINGTON COUNTIES



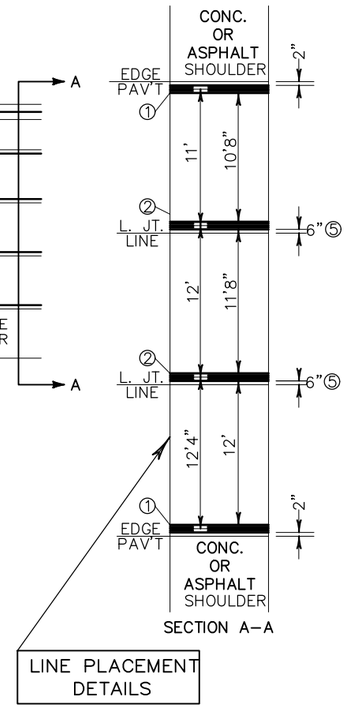
① EDGE MARKING – SOLID 4" YELLOW ON LEFT SIDE
– SOLID 4" WHITE ON RIGHT SIDE
①A – – – – – – – – – SOLID 8" WHITE IN GORE AREA

② LANE MARKING – 4" WHITE (SEE DIMENSIONS)

③ DIAGONAL MARKING – 24" WHITE IN GORE AREA (SEE DIMENSIONS) (OUTSIDE MILW. CO.)

④ SKIP MARKING – (DOTTED EXTENSION) – 4" WHITE, 3' LINE, 9' SPACE

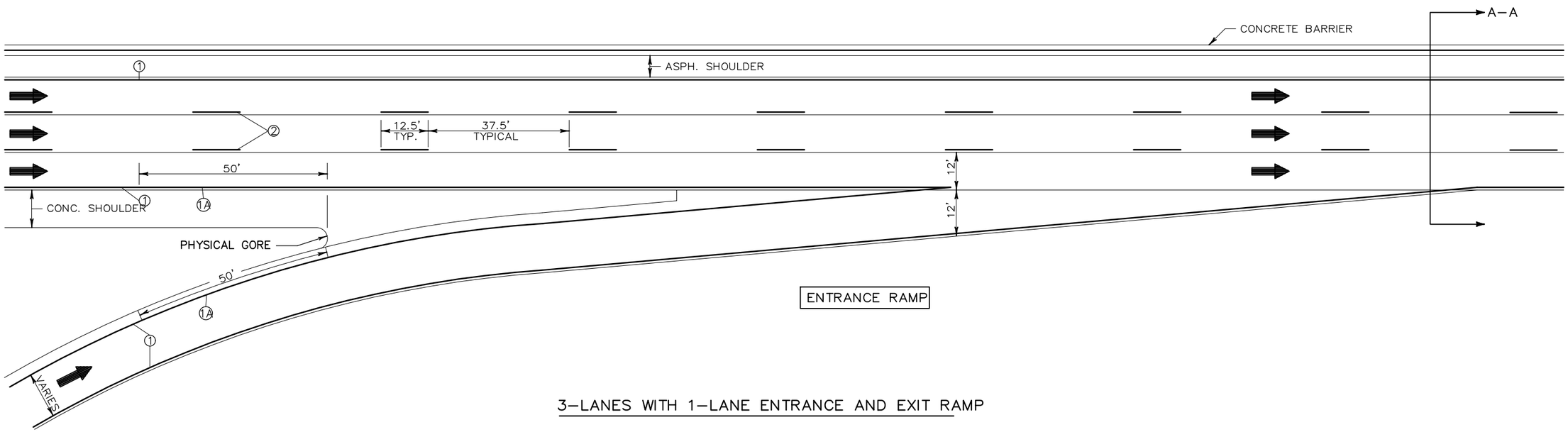
⑤ LINE PLACEMENT – 6" FOR ASPHALT OVERLAY
– 2" FOR CONCRETE PAVEMENT



LINE PLACEMENT DETAILS

NOTES:

1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
2. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
3. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
4. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



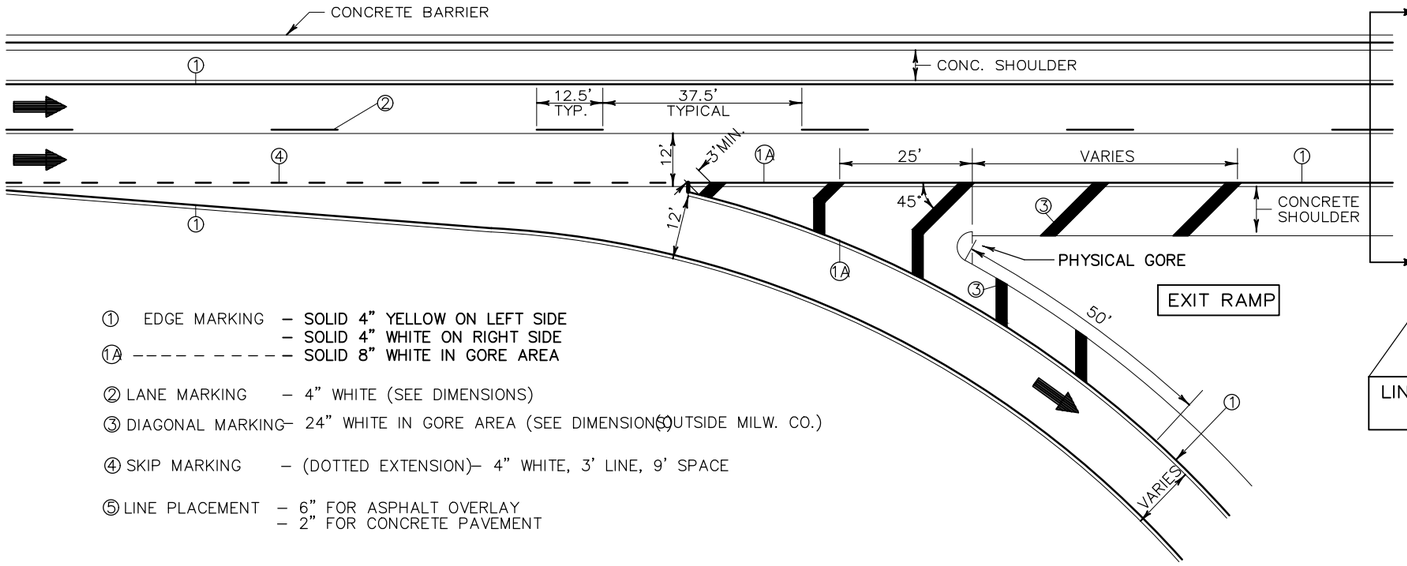
3–LANES WITH 1–LANE ENTRANCE AND EXIT RAMP

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	EPOXY PAVEMENT MARKING, RAMP	SHEET 13	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\PMGORE.DWG
LAYOUT NAME - PMGORE - 04
PLOT DATE : 11/26/2018 9:24 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

DETAIL 5

RACINE, KENOSHA, WALWORTH, WAUKESHA, OZAUKEE & WASHINGTON COUNTIES



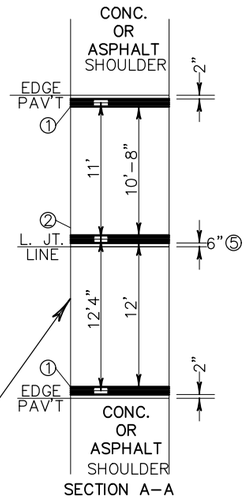
① EDGE MARKING – SOLID 4" YELLOW ON LEFT SIDE
– SOLID 4" WHITE ON RIGHT SIDE
1A – – – – – – – – – – SOLID 8" WHITE IN GORE AREA

② LANE MARKING – 4" WHITE (SEE DIMENSIONS)

③ DIAGONAL MARKING – 24" WHITE IN GORE AREA (SEE DIMENSIONS OUTSIDE MILW. CO.)

④ SKIP MARKING – (DOTTED EXTENSION)– 4" WHITE, 3' LINE, 9' SPACE

⑤ LINE PLACEMENT – 6" FOR ASPHALT OVERLAY
– 2" FOR CONCRETE PAVEMENT

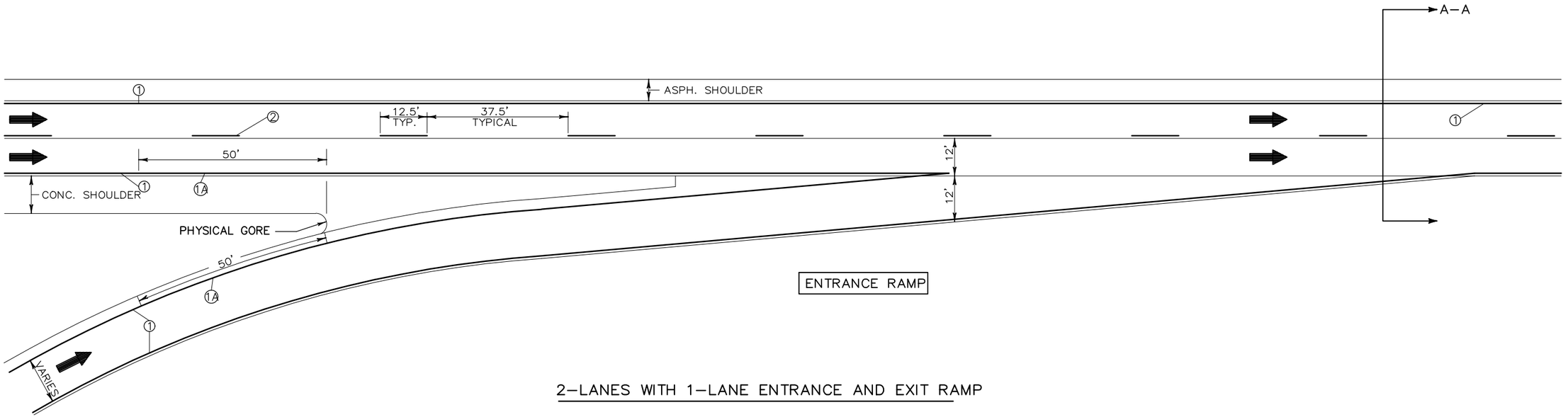


SECTION A–A

LINE PLACEMENT DETAILS

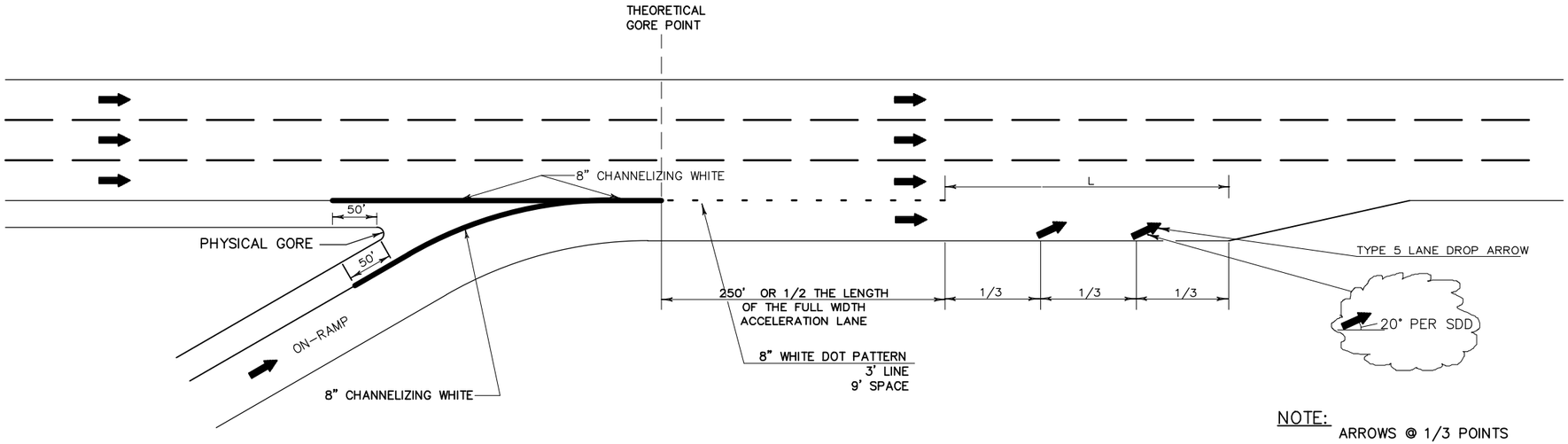
NOTES:

1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
2. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
3. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
4. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



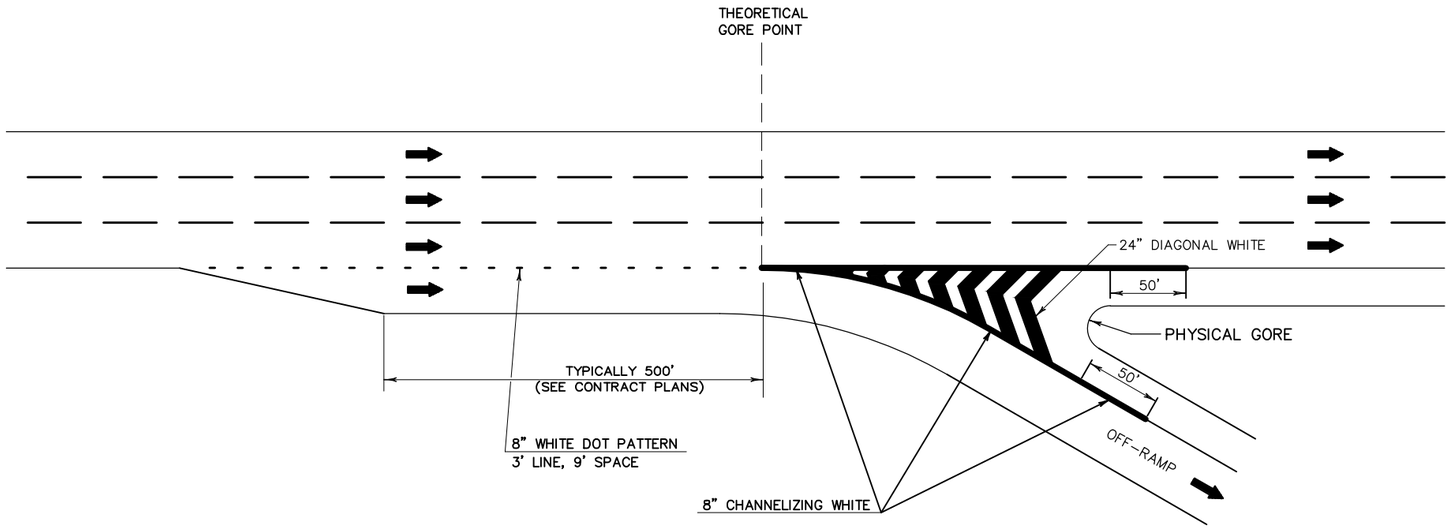
2–LANES WITH 1–LANE ENTRANCE AND EXIT RAMP

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	EPOXY PAVEMENT MARKING, RAMP	SHEET 14	E



NOTE:
ARROWS @ 1/3 POINTS

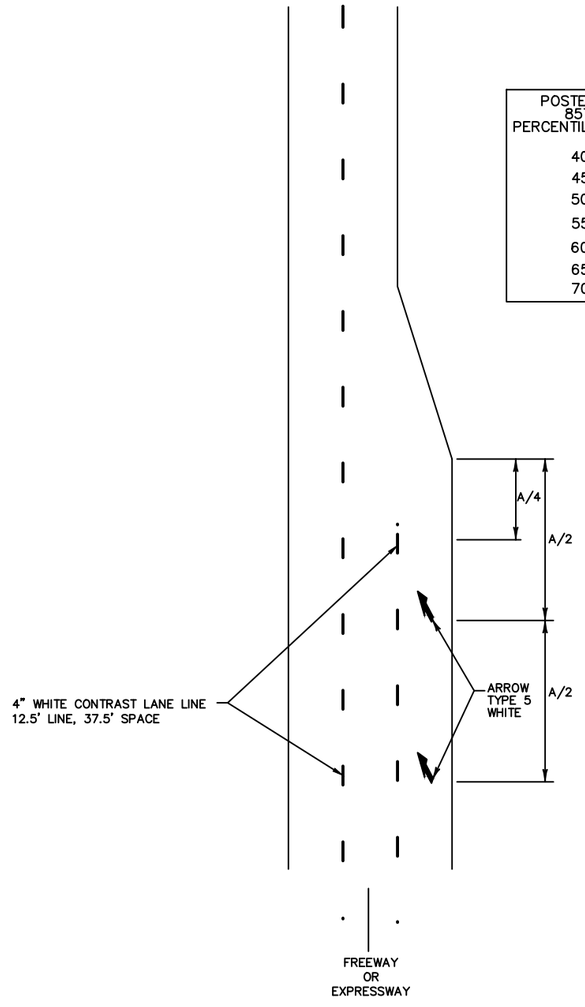
SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ON-RAMP



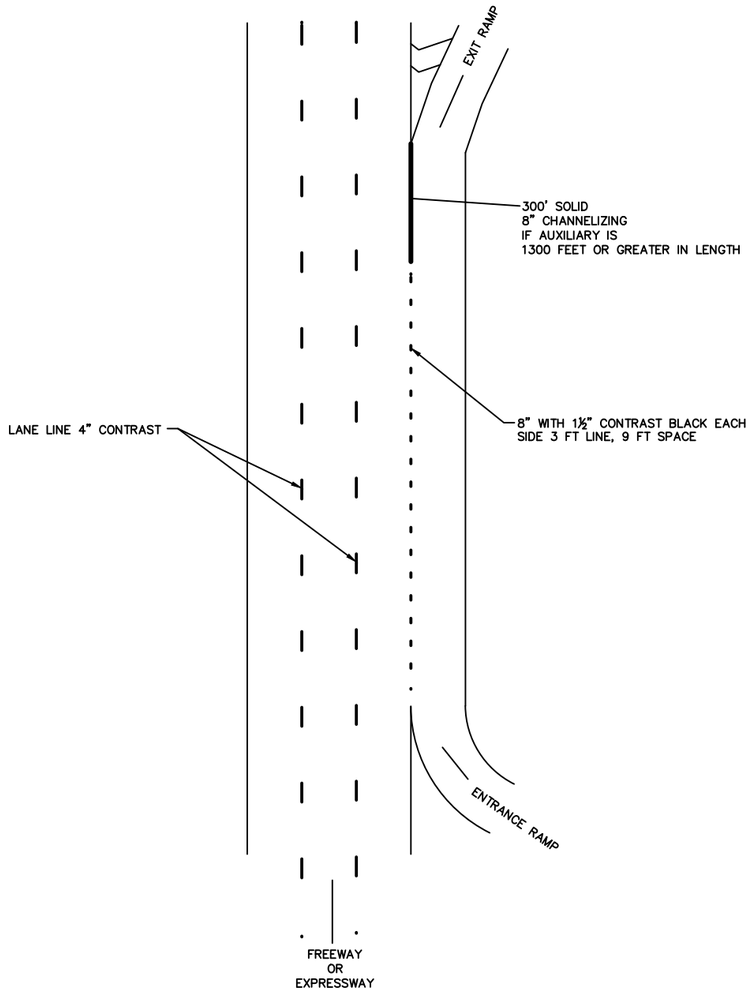
SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL OFF-RAMP

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
40	670
45	775
50	885
55	990
60	1100
65	1200
70	1300



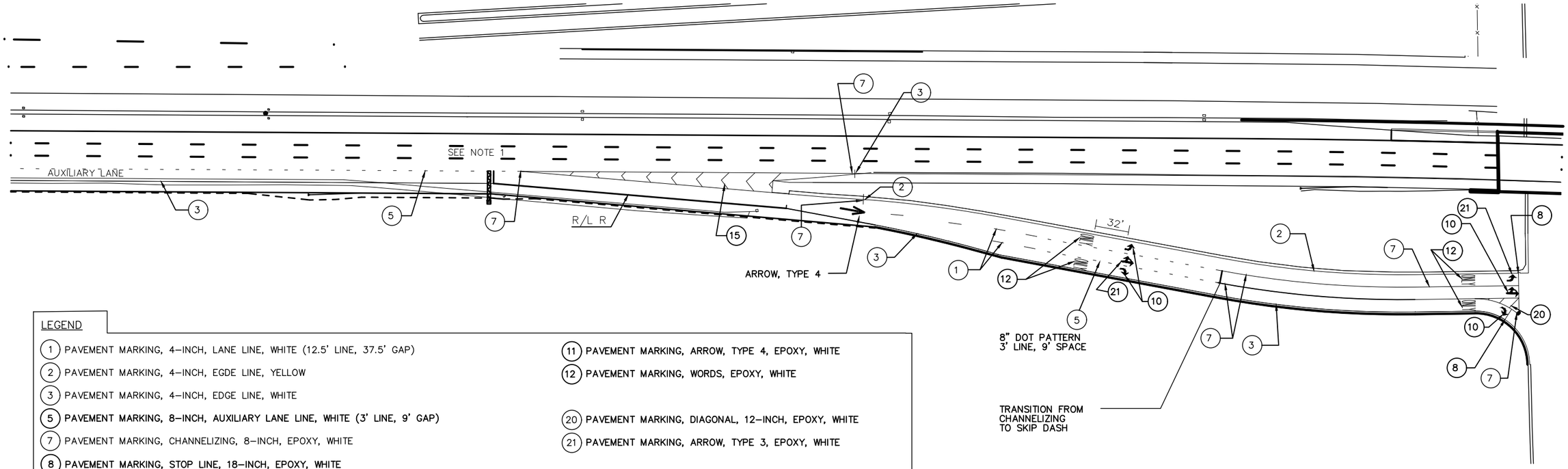
LANE REDUCTION MARKINGS



LANE DROP MARKINGS
SERVICE INTERCHANGES

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\AUXLANE.DWG
LAYOUT NAME - ****
PLOT DATE : 11/16/2018 11:39 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2



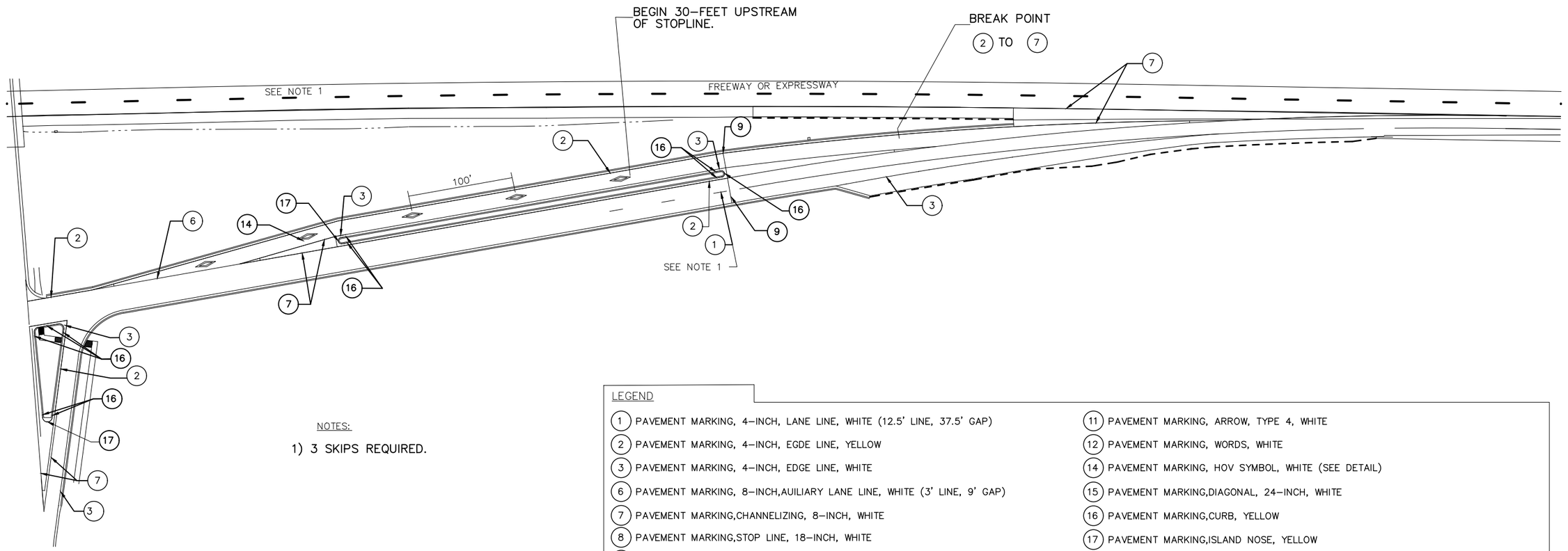
LEGEND

1. PAVEMENT MARKING, 4–INCH, LANE LINE, WHITE (12.5' LINE, 37.5' GAP)
2. PAVEMENT MARKING, 4–INCH, EGDE LINE, YELLOW
3. PAVEMENT MARKING, 4–INCH, EDGE LINE, WHITE
5. PAVEMENT MARKING, 8–INCH, AUXILIARY LANE LINE, WHITE (3' LINE, 9' GAP)
7. PAVEMENT MARKING, CHANNELIZING, 8–INCH, EPOXY, WHITE
8. PAVEMENT MARKING, STOP LINE, 18–INCH, EPOXY, WHITE
10. PAVEMENT MARKING, ARROW, TYPE 2, EPOXY, WHITE
11. PAVEMENT MARKING, ARROW, TYPE 4, EPOXY, WHITE
12. PAVEMENT MARKING, WORDS, EPOXY, WHITE
20. PAVEMENT MARKING, DIAGONAL, 12–INCH, EPOXY, WHITE
21. PAVEMENT MARKING, ARROW, TYPE 3, EPOXY, WHITE

TYPICAL OFF–RAMP PAVEMENT MARKING WITH MULTIPLE LANES

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	PAVEMENT MARKING EXIT RAMP	SHEET 17	E

2



NOTES:

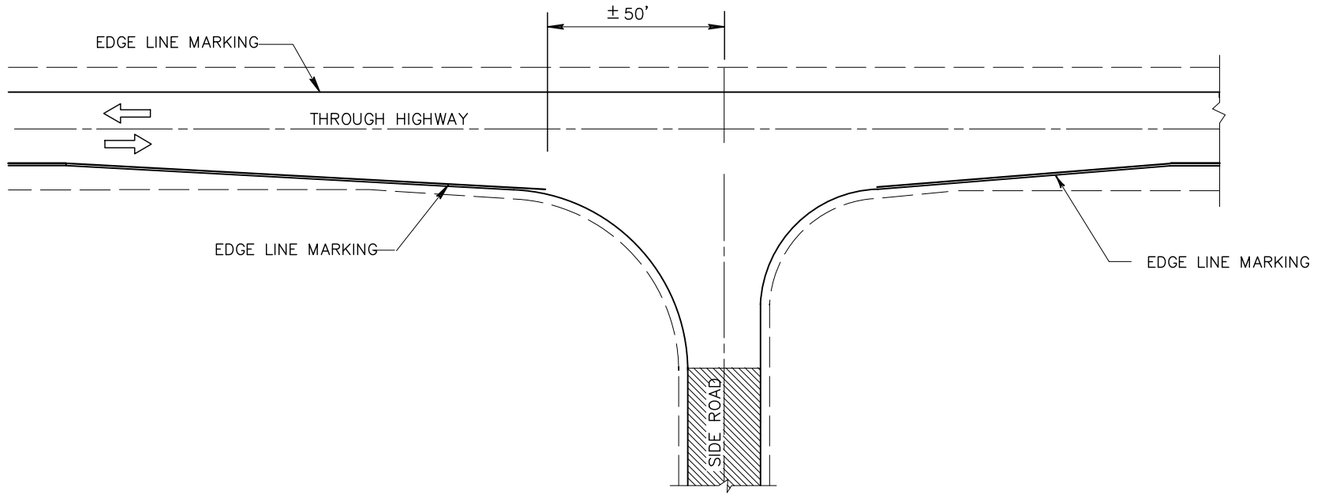
1) 3 SKIPS REQUIRED.

LEGEND

1. PAVEMENT MARKING, 4–INCH, LANE LINE, WHITE (12.5' LINE, 37.5' GAP)
2. PAVEMENT MARKING, 4–INCH, EGDE LINE, YELLOW
3. PAVEMENT MARKING, 4–INCH, EDGE LINE, WHITE
6. PAVEMENT MARKING, 8–INCH,AUILIARY LANE LINE, WHITE (3' LINE, 9' GAP)
7. PAVEMENT MARKING,CHANNELIZING, 8–INCH, WHITE
8. PAVEMENT MARKING,STOP LINE, 18–INCH, WHITE
9. PAVEMENT MARKING,STOP LINE, 18–INCH, WHITE
10. PAVEMENT MARKING,ARROW, TYPE 2, WHITE
11. PAVEMENT MARKING, ARROW, TYPE 4, WHITE
12. PAVEMENT MARKING, WORDS, WHITE
14. PAVEMENT MARKING, HOV SYMBOL, WHITE (SEE DETAIL)
15. PAVEMENT MARKING,DIAGONAL, 24–INCH, WHITE
16. PAVEMENT MARKING,CURB, YELLOW
17. PAVEMENT MARKING,ISLAND NOSE, YELLOW

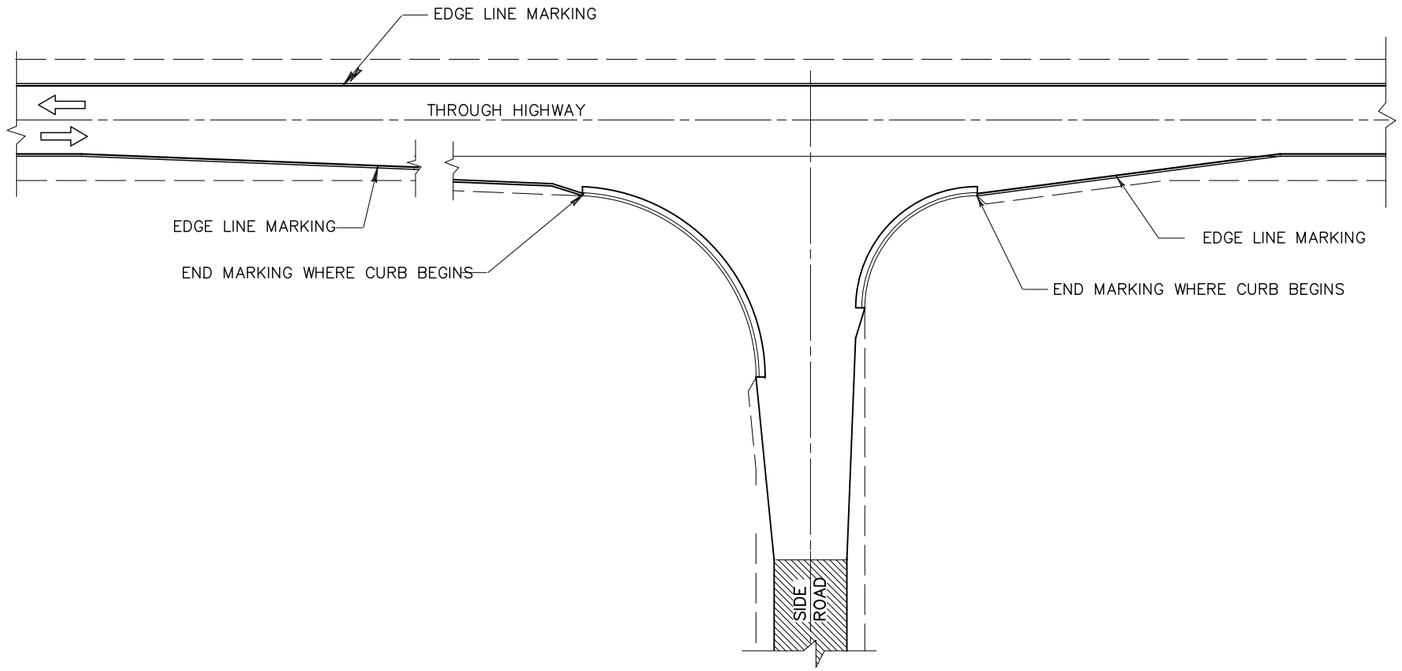
TYPICAL RAMP METER AND HOV LANE MARKING

2



MINOR INTERSECTION WITHOUT CURBS

(TYPICAL MARKING)

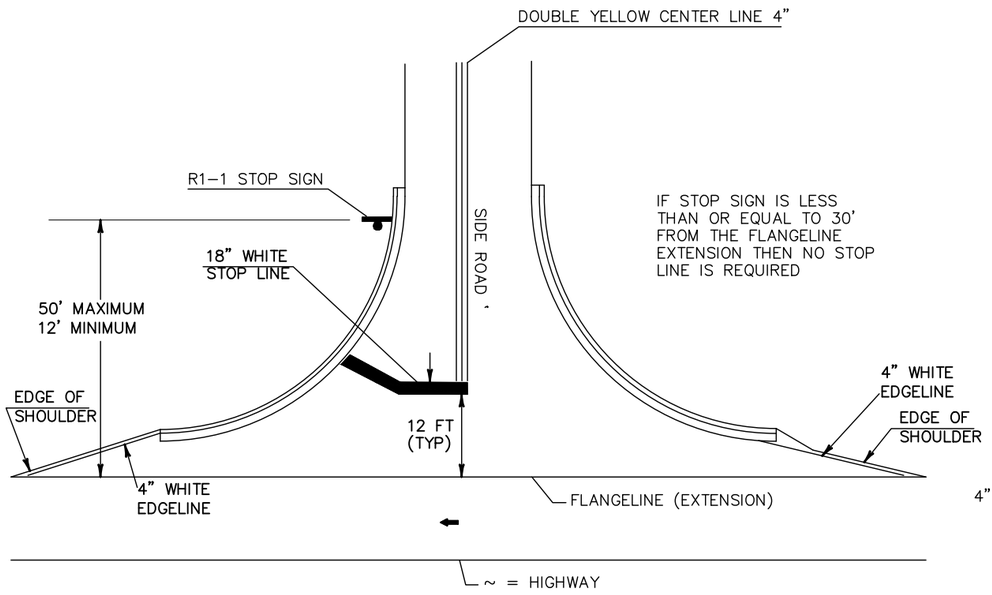


MINOR INTERSECTION WITH CURBS

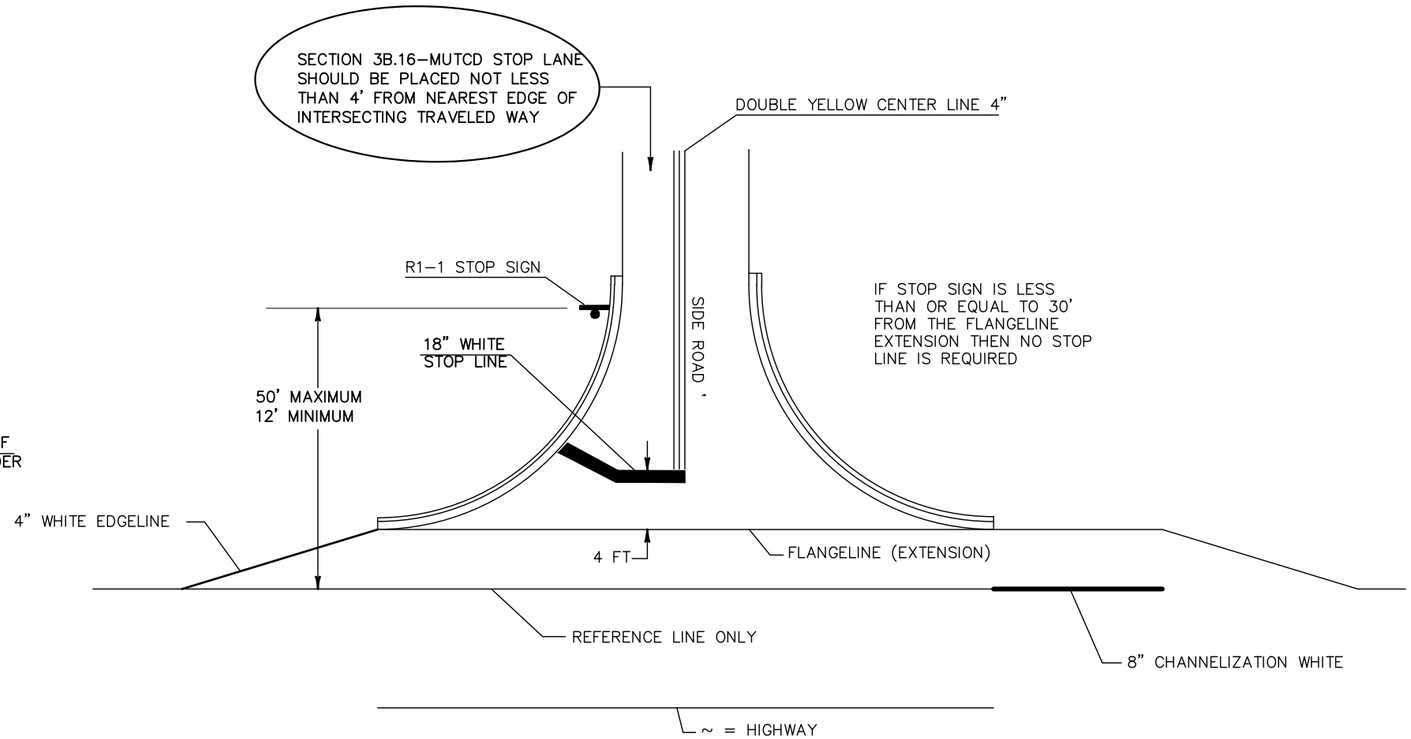
(TYPICAL MARKING)

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	EDGELINE MARKING AT MINOR INTERSECTION	SHEET 19	E

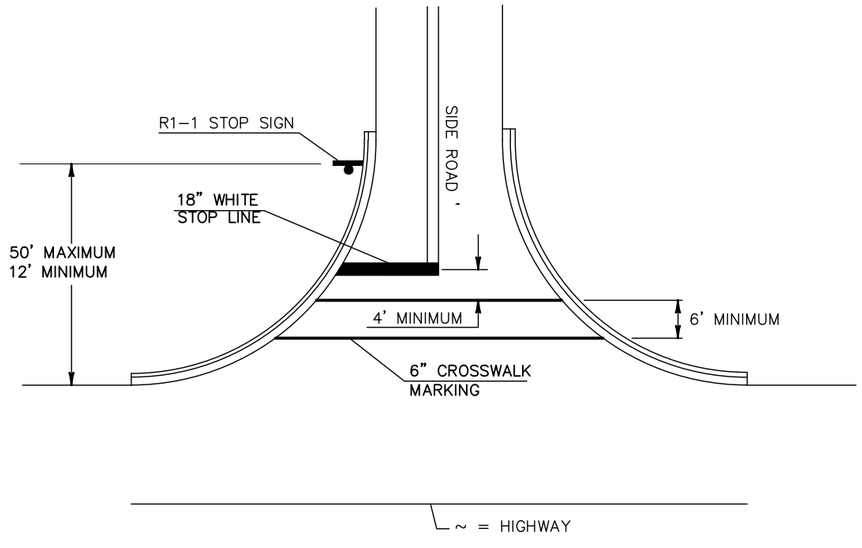
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\PMINTERSECTION3.DWG
LAYOUT NAME - ****
PLOT DATE : 11/16/2018 11:47 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



TYPICAL PAVEMENT MARKING FOR SIDEROADS



TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



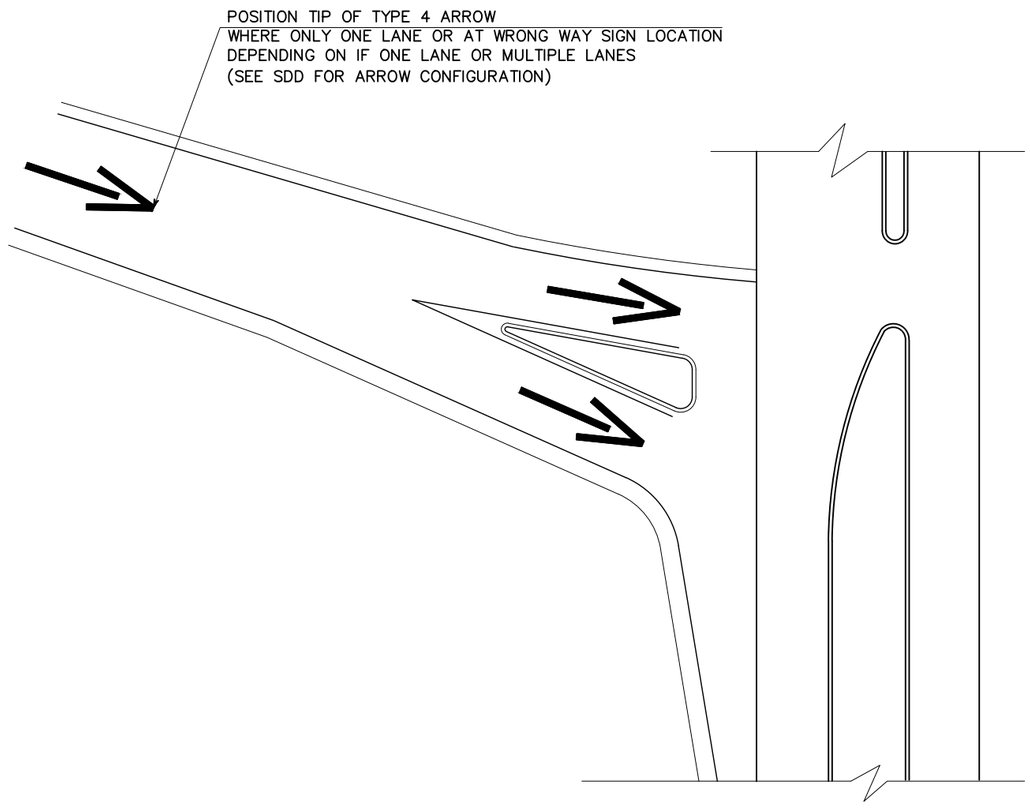
TYPICAL PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

NOTES:
18–INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

STOP LINES REQUIRED WHERE:

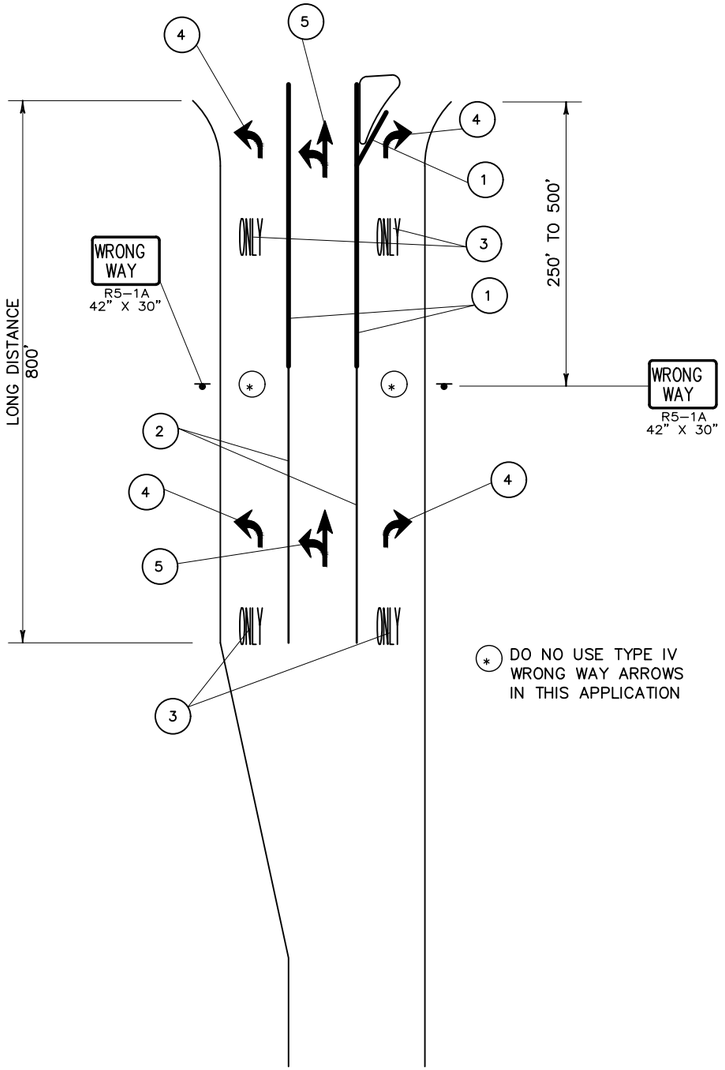
- CROSSWALK MARKINGS EXIST OR BEING PROVIDED
- LARGE RADII
- OFFSET LEFT TURNS WHERE STOP BAR FOR LEFT TURN IS SET BACK FROM THRU MOVEMENT.

2

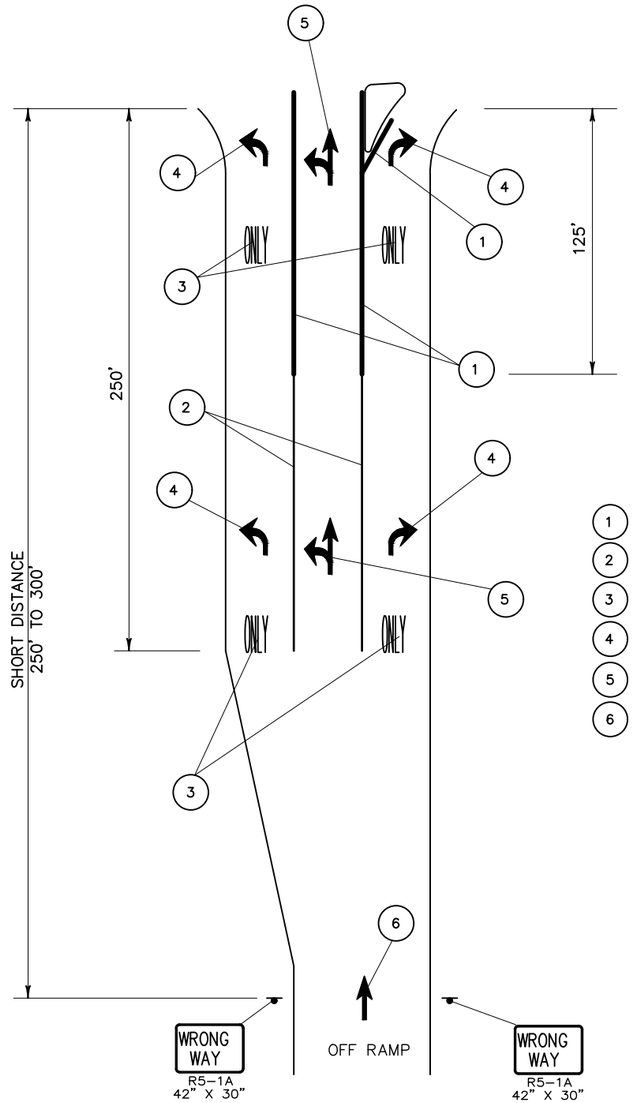


EXIT RAMP
PLAN VIEW

(RAMPS & ARROWS)



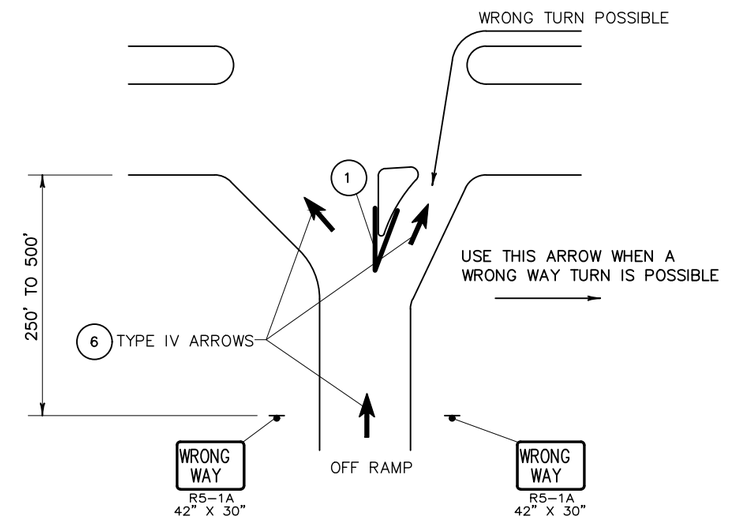
EXIT RAMP
(COMPLEX)



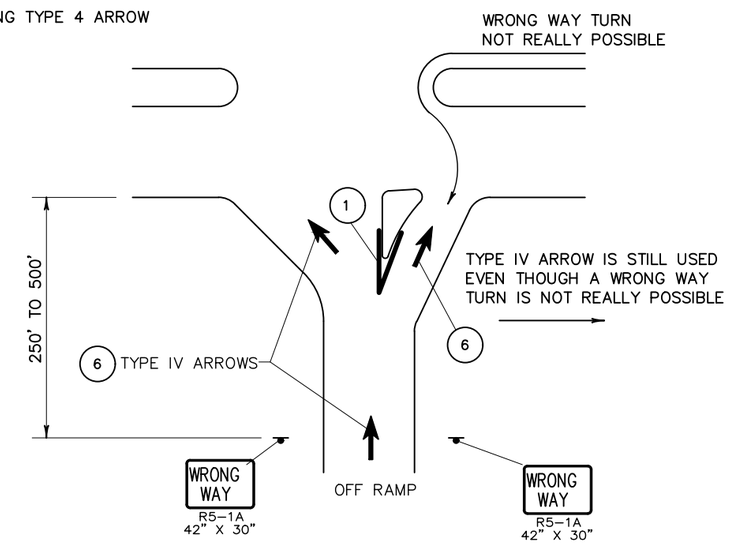
EXIT RAMP
(SIMPLE)

LEGEND

1. PAVEMENT MARKING 8" CHANNELIZING WHITE
2. PAVEMENT MARKING 8" WHITE (3' LINE, 12' SPACE)
3. PAVEMENT MARKING WORDS
4. PAVEMENT MARKING TYPE 2 ARROW
5. PAVEMENT MARKING TYPE 3 ARROW
6. PAVEMENT MARKING TYPE 4 ARROW

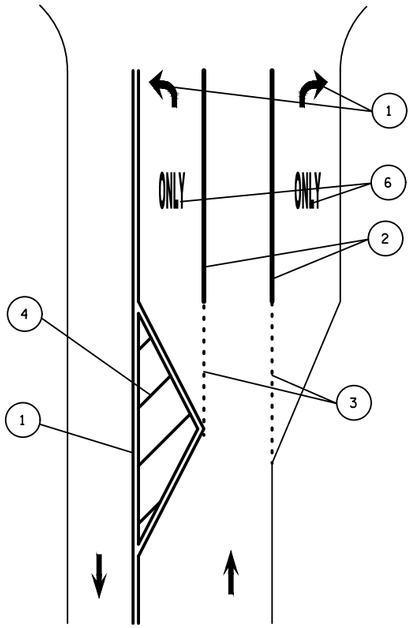


EXIT RAMP
(SIMPLE)



EXIT RAMP
(SIMPLE)

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	PAVEMENT MARKING EXIT RAMP LANE DETAIL	SHEET 22	E

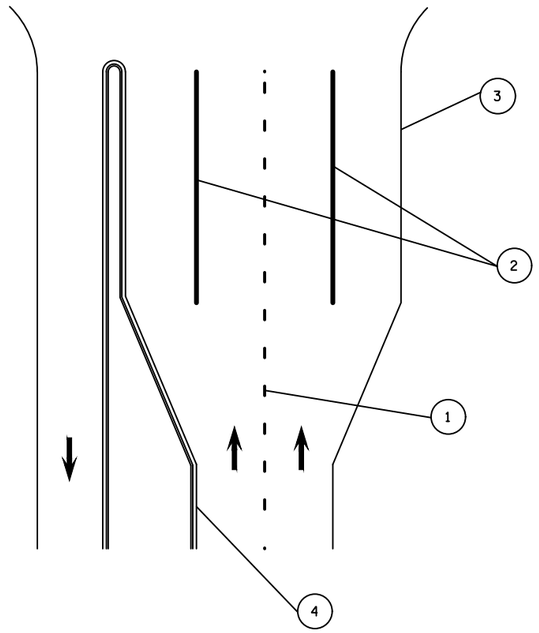


NOTE: IF SIGNALIZED
ADD STOP BAR

TYPICAL ARROW/ONLY LANE USE MARKINGS FOR PAINTED CENTERLINE APPLICATION

LEGEND

1. PAVEMENT MARKING 4" DOUBLE YELLOW
2. PAVEMENT MARKING 8" CHANNELIZING WHITE
3. PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)
4. PAVEMENT MARKING 12" DIAGONAL YELLOW
5. PAVEMENT MARKING TYPE 2 ARROW
6. PAVEMENT MARKING WORDS

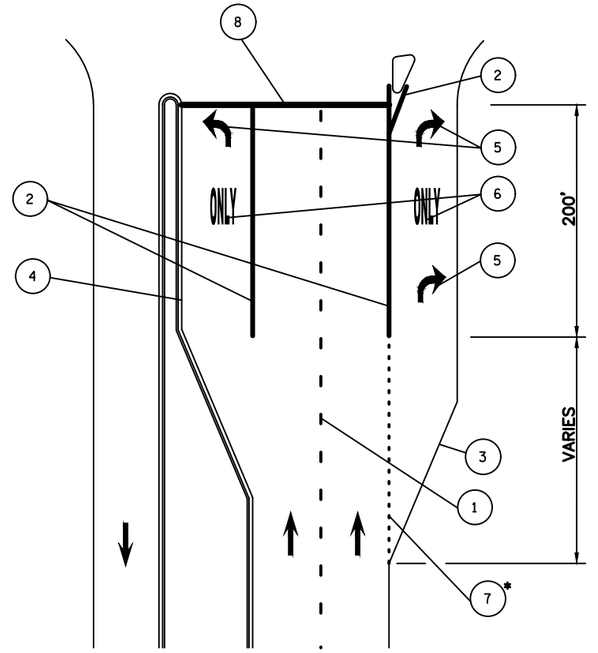


NOTE: IF OUTSIDE SHOULDER
IS NOT CURB & GUTTER THEN
ALWAYS USE EDGELINE
REGARDLESS OF SPEED LIMIT

TYPICAL NO ARROW/ONLY TURN LANES CURB & GUTTER MEDIAN UNSIGNALIZED SIDEROAD

LEGEND

1. PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)
2. PAVEMENT MARKING 8" CHANNELIZING WHITE
3. PAVEMENT MARKING 4" WHITE EDGELINE 45 MPH & GREATER
4. PAVEMENT MARKING 4" YELLOW EDGELINE 45 MPH & GREATER



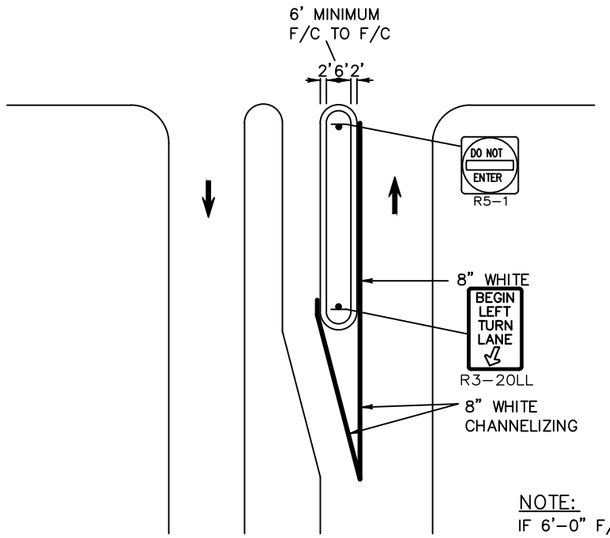
NOTE: SIGNALIZED INTERSECTION

* (7) DOT PATTERN NOT NEEDED IF CURB & GUTTER UNLESS ON CURVE

TYPICAL MARKING AT SIGNALIZED INTERSECTION CURB & GUTTER MEDIAN

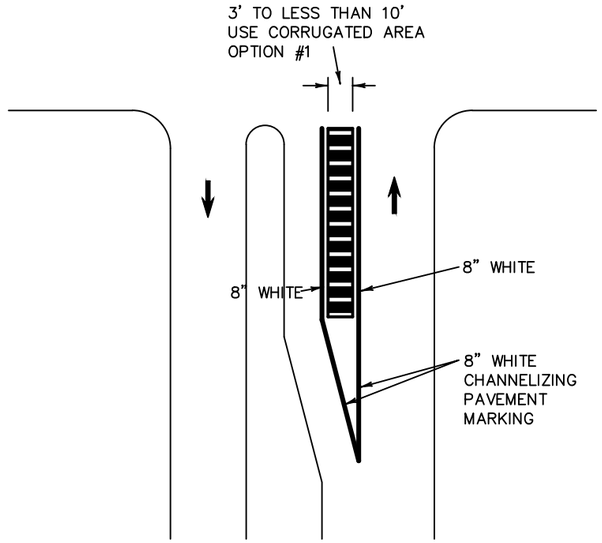
LEGEND

1. PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)
2. PAVEMENT MARKING 8" CHANNELIZING WHITE
3. PAVEMENT MARKING 4" WHITE EDGELINE 45 MPH & GREATER
4. PAVEMENT MARKING 4" YELLOW EDGELINE 45 MPH & GREATER
5. PAVEMENT MARKING TYPE 2 ARROW
6. PAVEMENT MARKING WORDS
7. PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)
8. PAVEMENT MARKING 18" STOP LINE

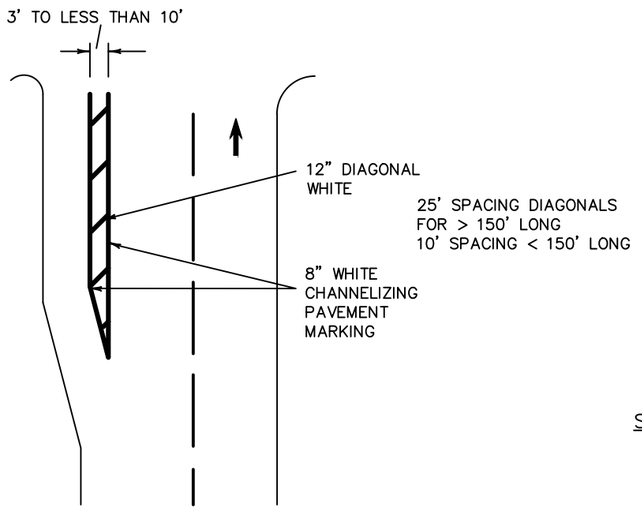


NOTE:
IF 6'-0" F/C-F/C
CANNOT BE PROVIDED
THAN USE CORRUGATED MEDIAN

(1) 10' OR GREATER
CURB & GUTTER LEFT TURN SLOT



(2) 3' TO 10' OPTION #2

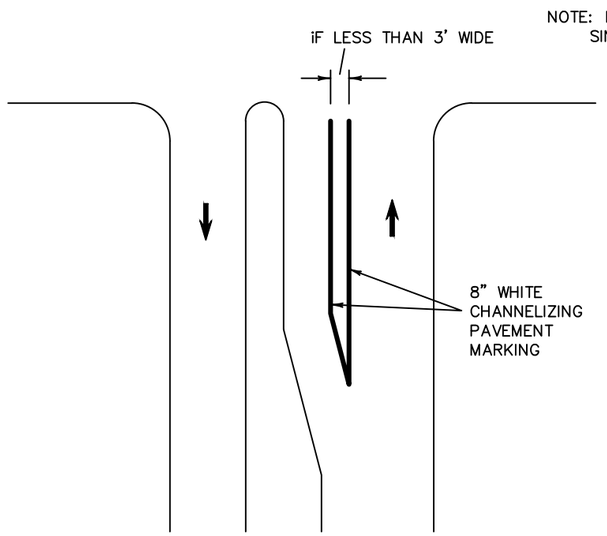


(4) 3' TO 10' OPTION #1
PREFERRED OVER OTION #2

SLOTTED LEFT TURN LANE TREATMENT

(1) 10' OR GREATER
(2) 3' TO 10' OPTION #2
(3) 3' TO 10' OPTION #1
(4) LESS THAN 3'-0"

NOTE: IF 1' OR LESS USE
SINGLE 8" CHANNELIZING LINE



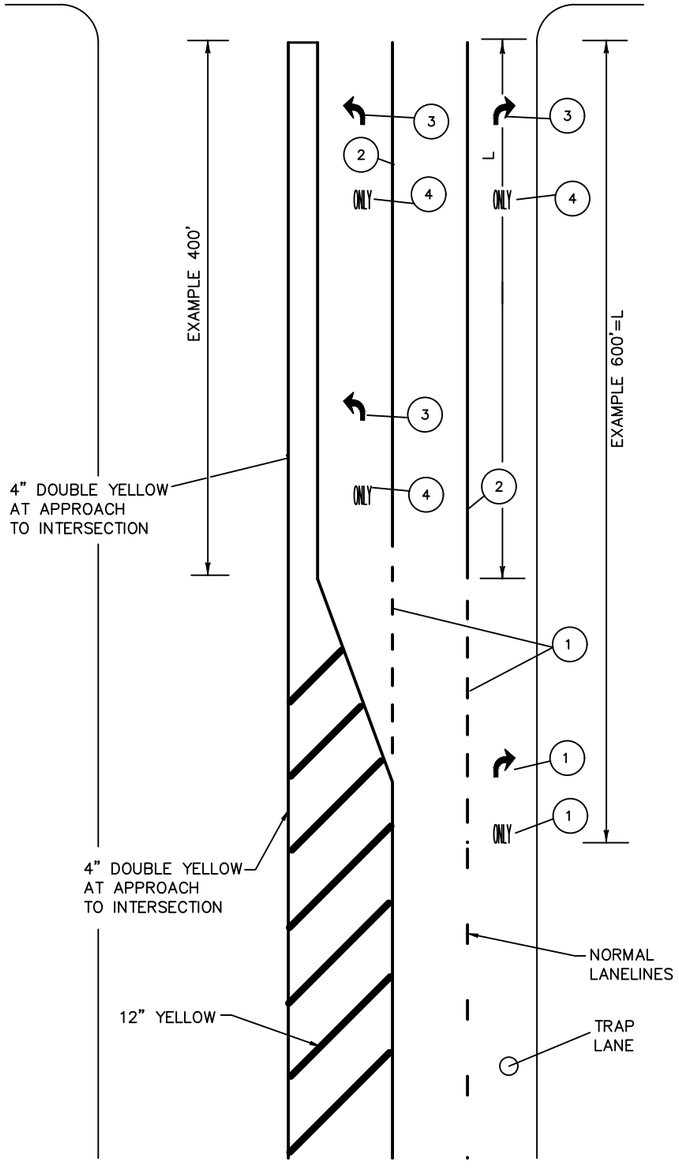
(4) LESS THAN 3' WIDE

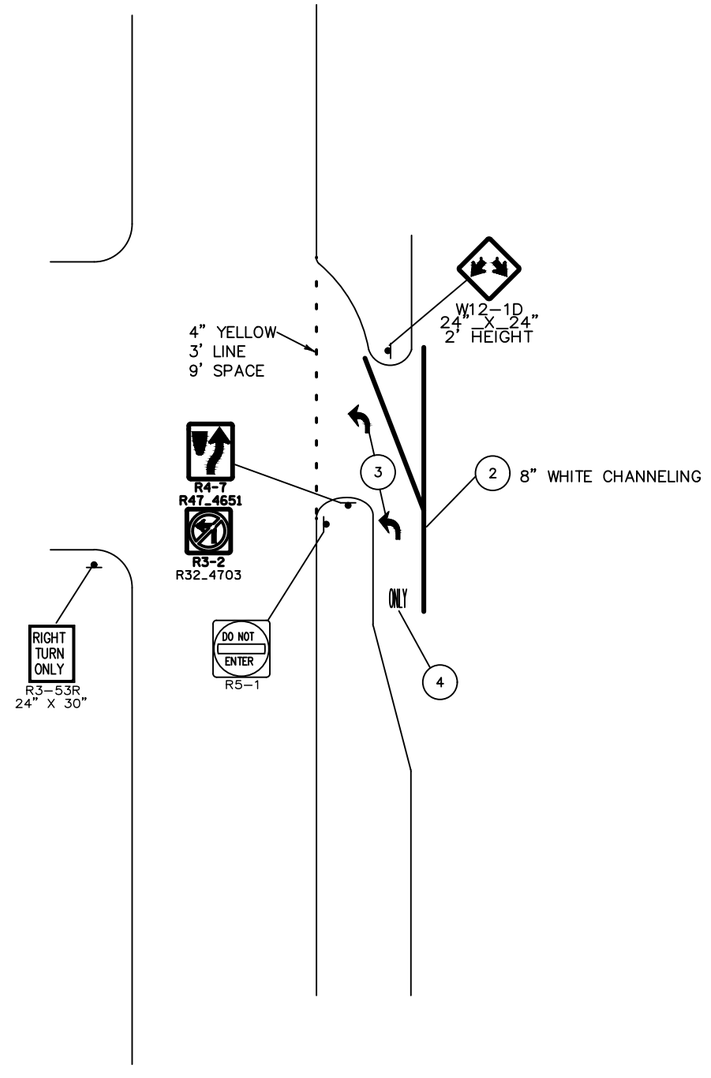
PAVEMENT MARKING

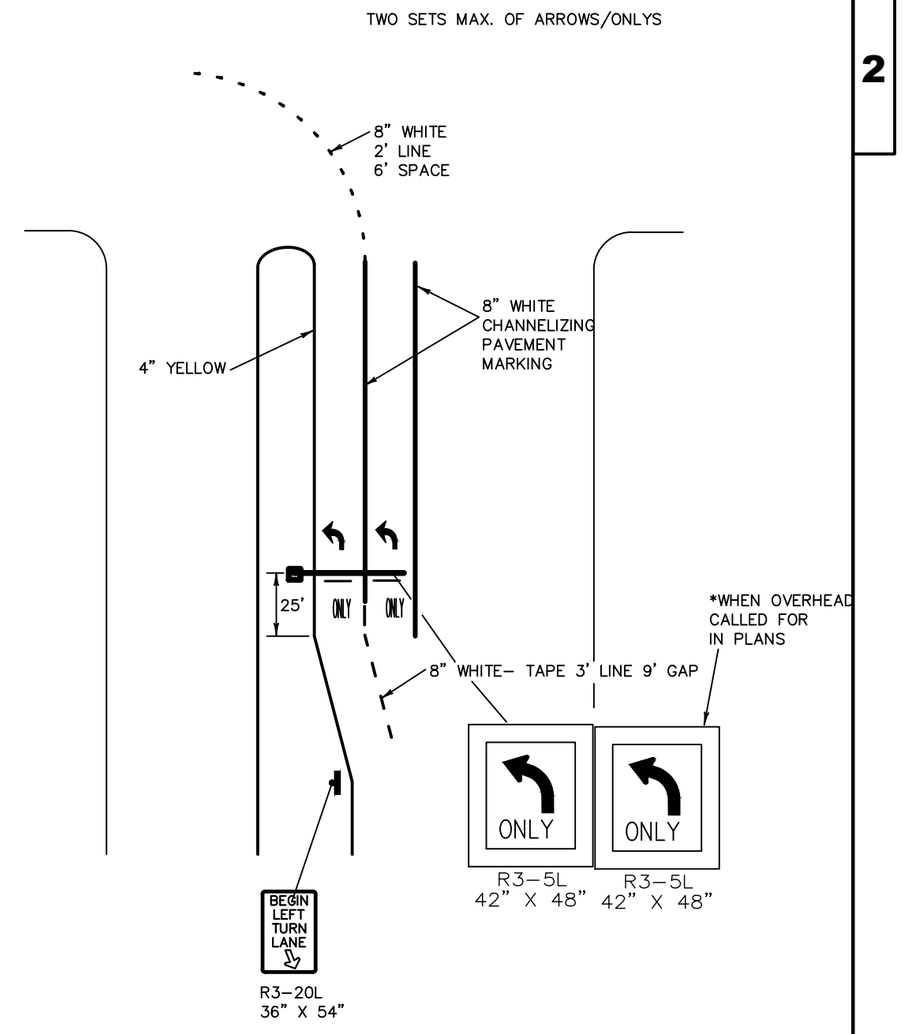
SHEET 1 OF 2

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	CONSTRUCTION DETAIL - SLOTTED LEFT TURN LANES	SHEET 24	E

TWO SETS MAX. OF ARROWS/ONLYS







(1) 8" WHITE (3' LINE, 9' GAP)

(1) 8" SOLID WHITE

(1) ARROW TYPE 2

(1) WORD

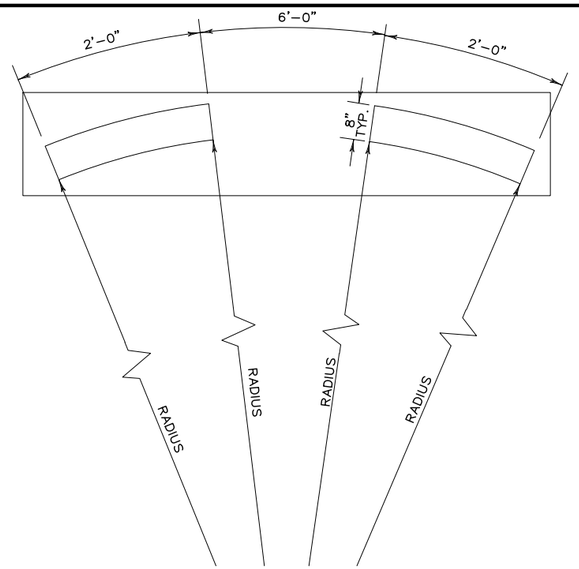
*CONTACT TRAFFIC OPERATIONS TOM HEYDEL FOR SPEC OR WEBSITE
http://dotnet/dtid_bho/extranet/manuals/index.shtm
traffic hot topics reference list/special provisions

**SEE REGION MATRIX OF MATERIALS FOR TYPE OF PAVEMENT MARKING PRODUCT TO USE
CONTACT TOM HEYDEL

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	CONSTRUCTION DETAIL - TURN LANE PAVEMENT MARKING	SHEET 25	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\PM_LTTURNS2.DWG
LAYOUT NAME - ****
PLOT DATE : 11/27/2018 1:10 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

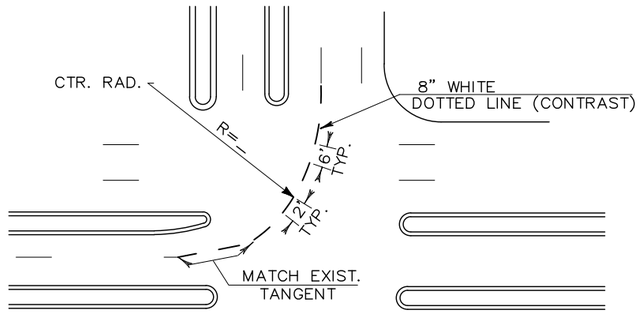


DOTTED TEMPLATE

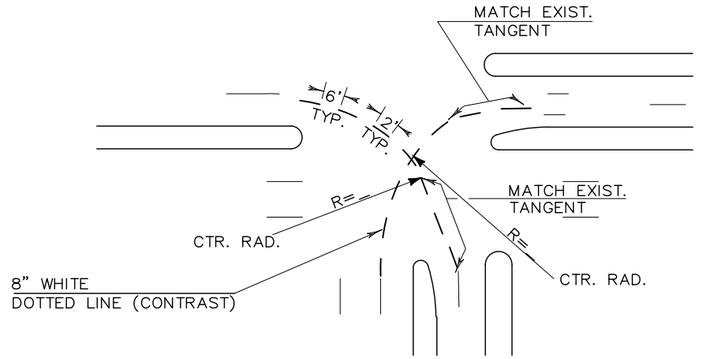
NOTE: CONTRACTOR TO BUILD TEMPLATE BASED ON RADIUS SHOWN. TEMPLATES ARE TO BE CONSTRUCTED OF PLYWOOD, PLASTIC, OR SUITABLE MATERIAL APPROVED BY THE ENGINEER IN THE FIELD.

DESIGNER NOTE: ESTABLISH RADIUS FOR DUAL LEFT MARKING PROVIDE R=VALUE IN SPECIFIC CASE

INTERSECTING HIGHWAYS
(DOTTED PATTERN)
DOUBLE LEFT–TURNING MOVEMENTS



INTERSECTING HIGHWAYS
(DOTTED PATTERN)
DOUBLE LEFT–TURNING MOVEMENTS



2

GENERAL NOTES

1. DOTTED PAVEMENT MARKING PATTERNS SHALL BE INSTALLED WITH A 2–FOOT SEGMENT AND A 6–FOOT GAP.

2. EXISTING MARKINGS THRU INTERSECTIONS DO NOT ALWAYS HAVE THE 2–FOOT X 6–FOOT CYCLE. IF THE EXISTING MARKINGS ARE OF THE 5–FOOT CYCLE, THEY WILL BE BRUSH PLASTED AND PAVEMENT MARKED WITH A 380 WR TAPE GROOVED IN.

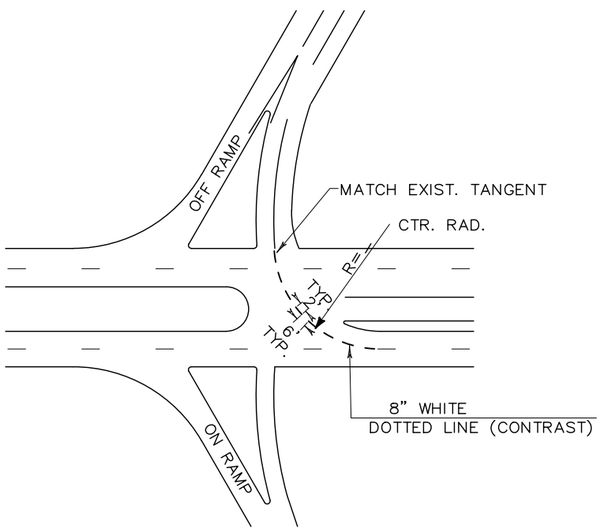
   IF THE EXISTING MARKINGS ARE NOT OF THE 2–FOOT CYCLE, THE CONTRACTOR WILL LAY OUT THE NEW MARKINGS, PREPARE THE EXISTING PAVMENT BY BRUSH PLASTING, AND A 380 WR TAPE PAVEMENT MARK THE NEW CYCLE.

3. IF THE DOTTED PAVEMENT MARKINGS ARE NON–EXISTING, THE CONTRACTOR SHALL LAY OUT THE RADIUS, AS BEING USED BY THE PRESENT TRAFFIC, WITH THE MINIMUM LANE WIDTHS AS SHOWN ON THE PLANS.

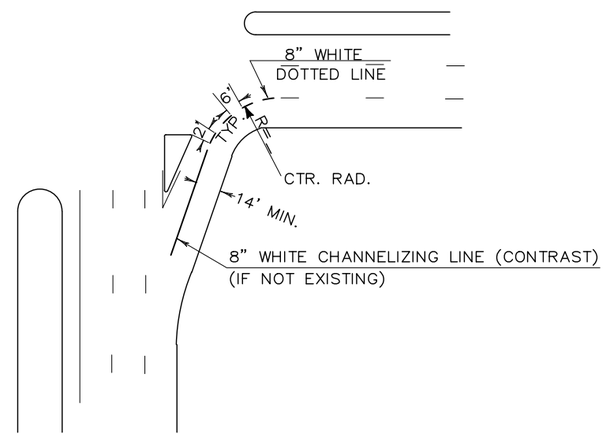
4. THE CONTRACTOR SHALL CONSTRUCT AND USE ONE OF THE TWO DOTTED TEMPLATES WHICH MOST CLOSELY MATCH THE FIELD CONDITIONS.

5. THE CONTRACTOR SHALL PROTECT THE TAPE LINES UNTIL DRY, BY THE USE OF TRAFFIC CONTROLS AND TRAFFIC CONES AS SHOWN ON THE TRAFFIC CONTROL PLANS.

FREEWAY EXIT RAMPS
(DOTTED PATTERN)
DOUBLE LEFT–TURNING MOVEMENTS



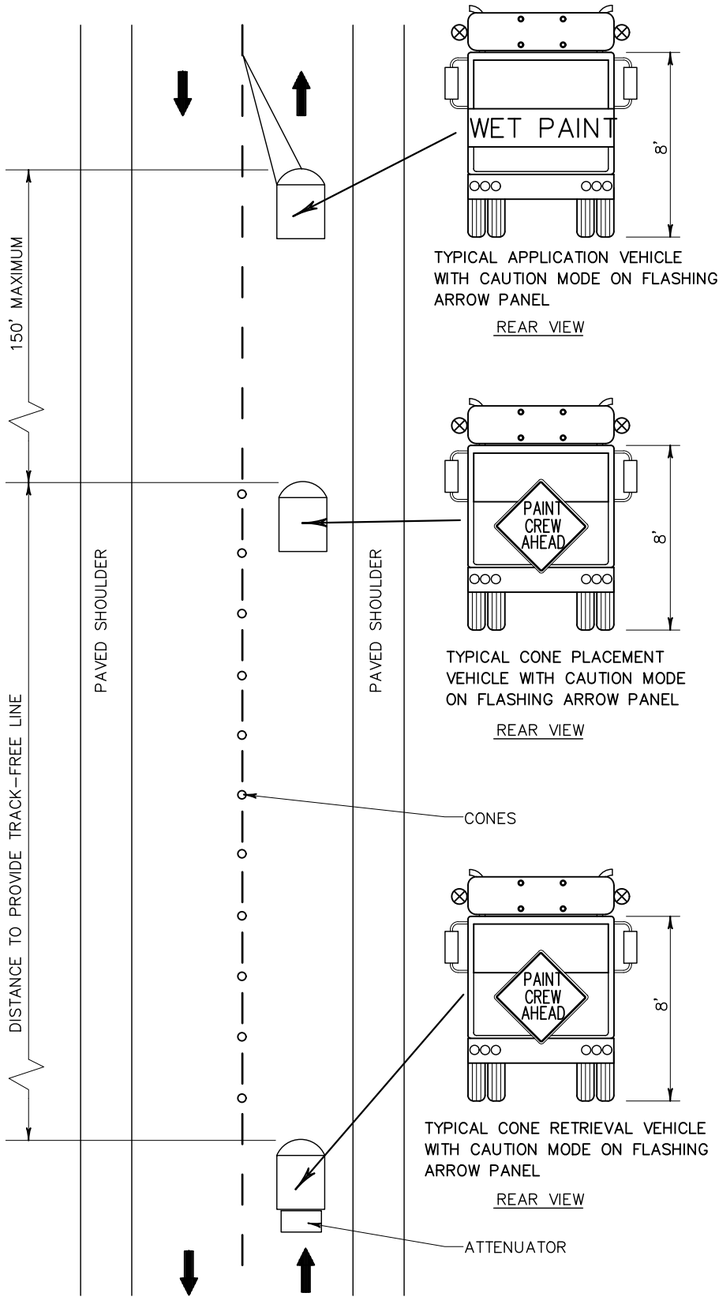
INTERSECTIIONS & EXIT RAMPS
(DOTTED PATTERN)
DOUBLE RIGHT–TURNING MOVEMENTS



STANDARD DETAIL DRAWINGS

SDD TRAFFIC CONTROL FOR LANE CLOSURES
(SUITABLE FOR MOVING OPERATIONS)

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	EPOXY PAVEMENT MARKING DETAILS - DUAL LEFTS	SHEET 26	E



TYPICAL APPLICATION VEHICLE WITH CAUTION MODE ON FLASHING ARROW PANEL

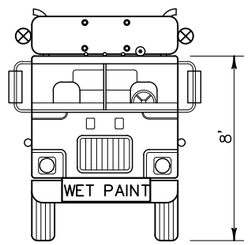
REAR VIEW

TYPICAL CONE PLACEMENT VEHICLE WITH CAUTION MODE ON FLASHING ARROW PANEL

REAR VIEW

TYPICAL CONE RETRIEVAL VEHICLE WITH CAUTION MODE ON FLASHING ARROW PANEL

REAR VIEW

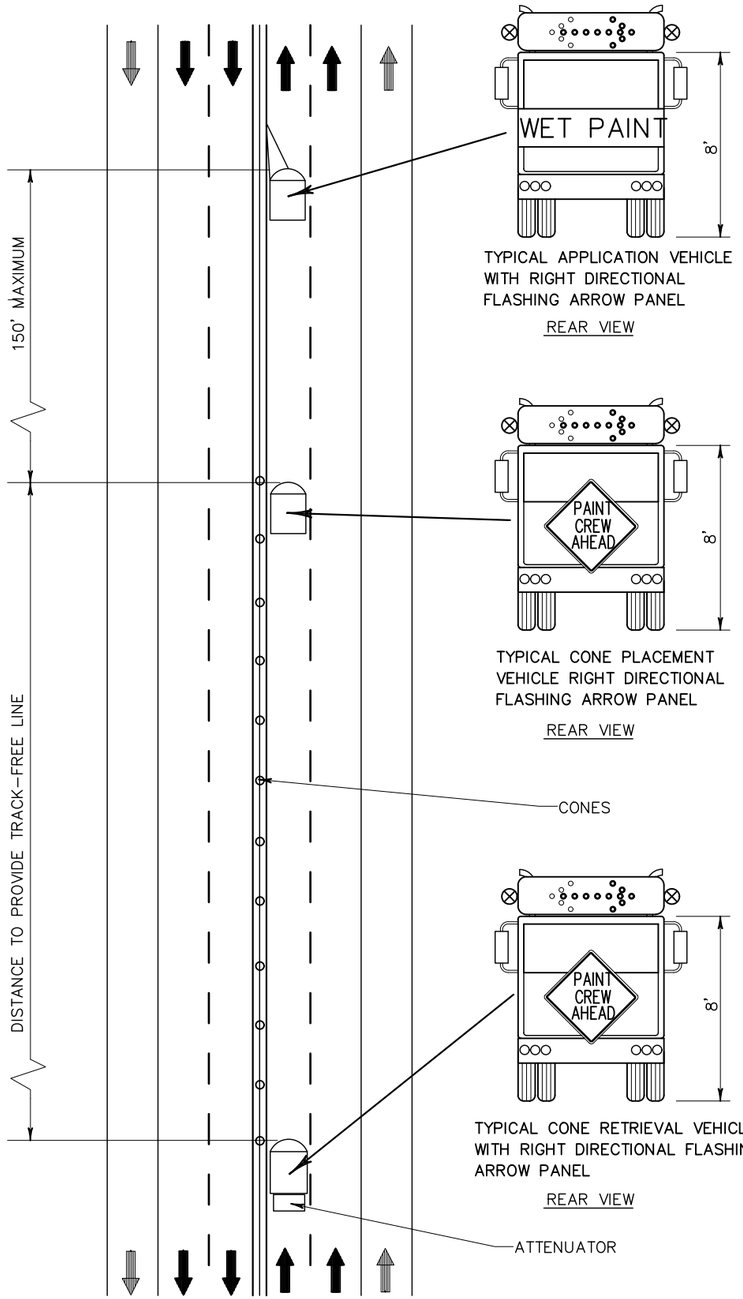


TYPICAL APPLICATION VEHICLE WITH CAUTION MODE ON FLASHING ARROW PANEL

FRONT VIEW

1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
2. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH FRONT AND REAR FACING TYPE A OR B FLASHING ARROW PANELS OPERATING IN CAUTION MODE. ALL SUBSEQUENT VEHICLES SHALL BE EQUIPPED WITH A REAR FACING TYPE A OR B FLASHING ARROW PANEL.
3. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH "WET PAINT" SIGNS FRONT AND REAR.
4. THE CONE PLACEMENT VEHICLE AND CONE RETRIEVAL VEHICLE SHALL BE EQUIPPED WITH A "PAINT CREW AHEAD" SIGN AND A REAR FACING FLASHING ARROW PANEL OPERATING IN CAUTION MODE.

2-LANE 2-WAY ROADWAY CENTERLINE



TYPICAL APPLICATION VEHICLE WITH RIGHT DIRECTIONAL FLASHING ARROW PANEL

REAR VIEW

TYPICAL CONE PLACEMENT VEHICLE RIGHT DIRECTIONAL FLASHING ARROW PANEL

REAR VIEW

TYPICAL CONE RETRIEVAL VEHICLE WITH RIGHT DIRECTIONAL FLASHING ARROW PANEL

REAR VIEW

1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
2. ALL VEHICLES SHALL BE EQUIPPED WITH A TYPE A OR B FLASHING ARROW PANEL.
3. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH "WET PAINT" SIGNS FRONT AND REAR AND A RIGHT DIRECTIONAL FLASHING ARROW PANEL FACING THE REAR.
4. THE CONE PLACEMENT VEHICLE AND CONE RETRIEVAL VEHICLE SHALL BE EQUIPPED WITH A "PAINT CREW AHEAD" SIGN AND A REAR FACING RIGHT DIRECTIONAL FLASHING ARROW PANEL.

4 OR 6 LANE 2-WAY ROADWAY CENTERLINE

2

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	TRAFFIC CONTROL MOVING OPERATION	SHEET 27	E

2

INFORMATION ONLY
ITEM #1-#6

LEGEND FOR 1-6

NEW PAVEMENT MARKING

(1) PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)

(2) PAVEMENT MARKING 8" CHANNELIZING WHITE

(3) PAVEMENT MARKING 4" WHITE EDGELINE

(4) PAVEMENT MARKING 4" YELLOW EDGELINE

(5) PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)

(9) PAVEMENT MARKING 8" WHITE CONTRAST (2' LINE, 6' SPACE)

(10) PAVEMENT MARKING 4" DOT PATTERN YELLOW (3' LINE, 9' SPACE)

(11) PAVEMENT MARKING 4" YELLOW DOUBLE CENTERLINE

(12) PAVEMENT MARKING 4" WHITE- BIKE MARKING

2



'1000-77-19 (WAUK. CO.)
.5 MILE NORTH OF STH 16 TO TOWER RD

ITEM #1

STH 67 (NB & SB)
PAINT: EDGE LINE & LANE LINE ON MAINLINE

PAINT: 8" GORES MARKINGS ON/OFF RAMPS TO STH 16 ON RAMP

SHEET 1 OF 4

PROJECT NO: 1000-77-19	HWY: STH 67	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 29	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-1_PM.DWG
LAYOUT NAME - 024602_ITEM-1_PM
PLOT DATE : 1/17/2019 1:46 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



'1000-77-19 (WAUK. CO.)
.5 MILE NORTH OF STH 16 TO TOWER RD

ITEM #1

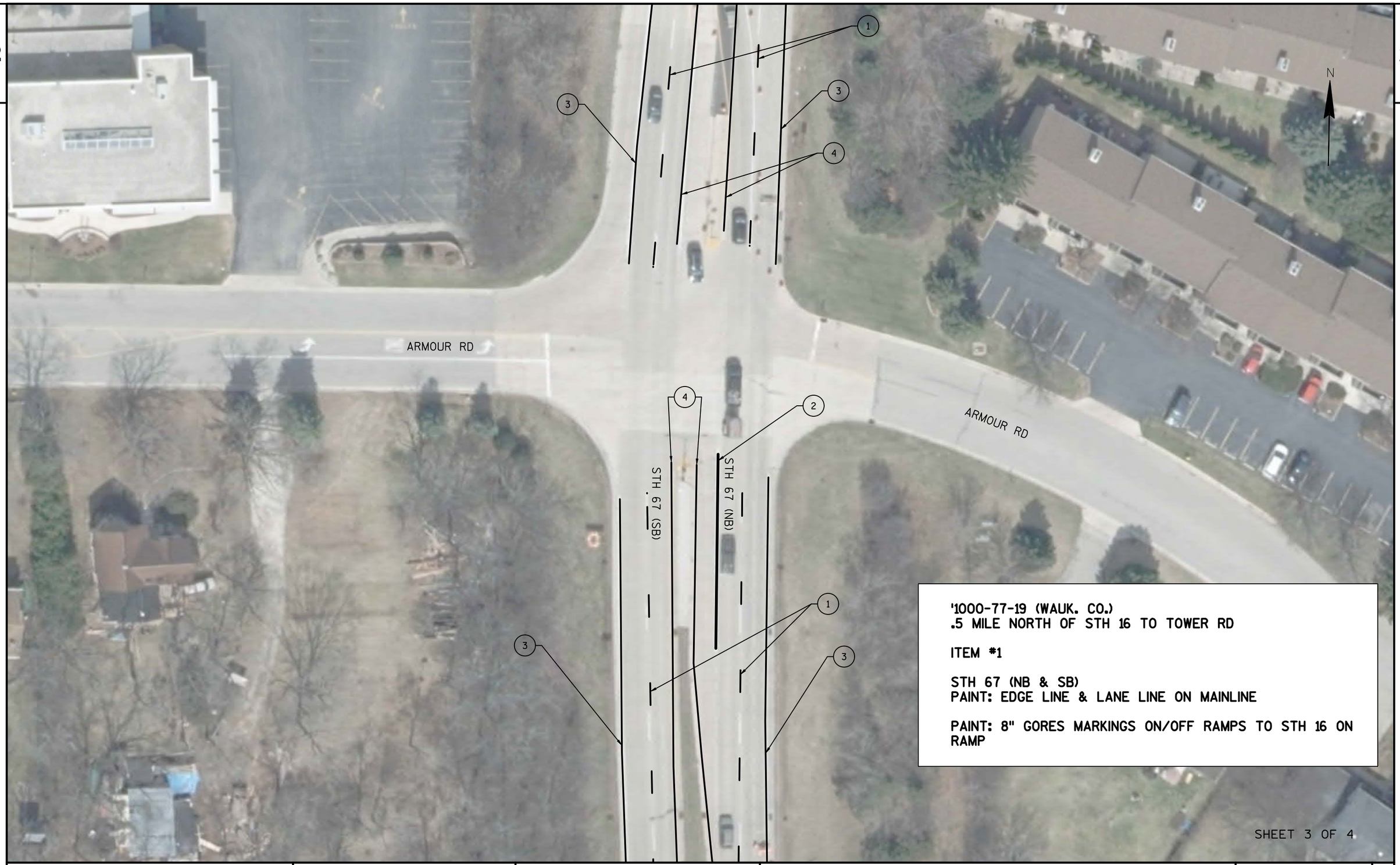
STH 67 (NB & SB)
PAINT: EDGE LINE & LANE LINE ON MAINLINE

PAINT: 8" GORES MARKINGS ON/OFF RAMPS TO STH 16 ON RAMP

SHEET 2 OF 4

PROJECT NO: 1000-77-19	HWY: STH 67	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 30	E

2



'1000-77-19 (WAUK. CO.)
.5 MILE NORTH OF STH 16 TO TOWER RD

ITEM #1

STH 67 (NB & SB)
PAINT: EDGE LINE & LANE LINE ON MAINLINE

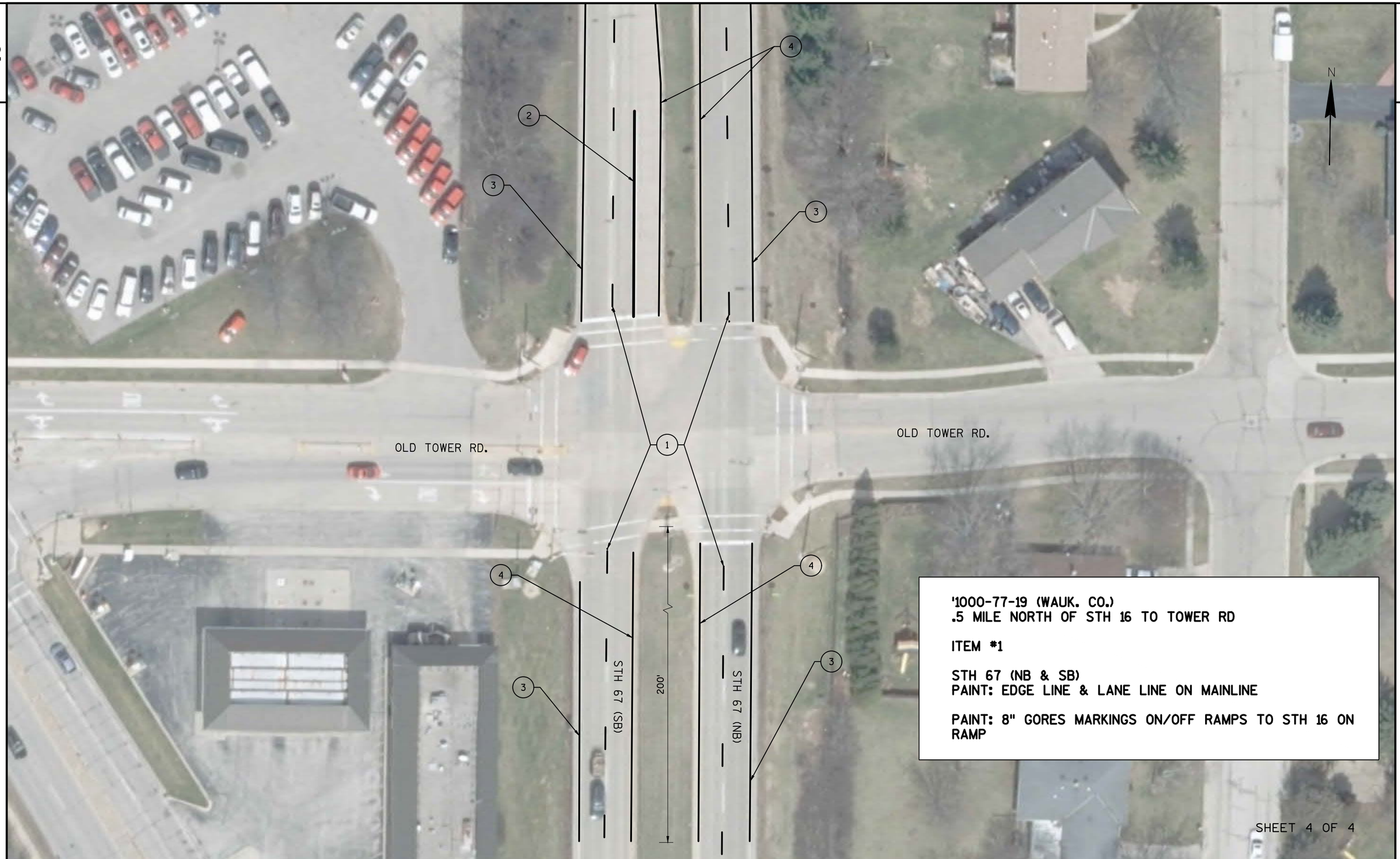
PAINT: 8" GORES MARKINGS ON/OFF RAMPS TO STH 16 ON RAMP

SHEET 3 OF 4

PROJECT NO: 1000-77-19	HWY: STH 67	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 31	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-1_PM.DWG
LAYOUT NAME - 024602_ITEM-1_PM (3)
PLOT DATE : 1/17/2019 1:46 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



'1000-77-19 (WAUK. CO.)
.5 MILE NORTH OF STH 16 TO TOWER RD

ITEM #1

STH 67 (NB & SB)
PAINT: EDGE LINE & LANE LINE ON MAINLINE

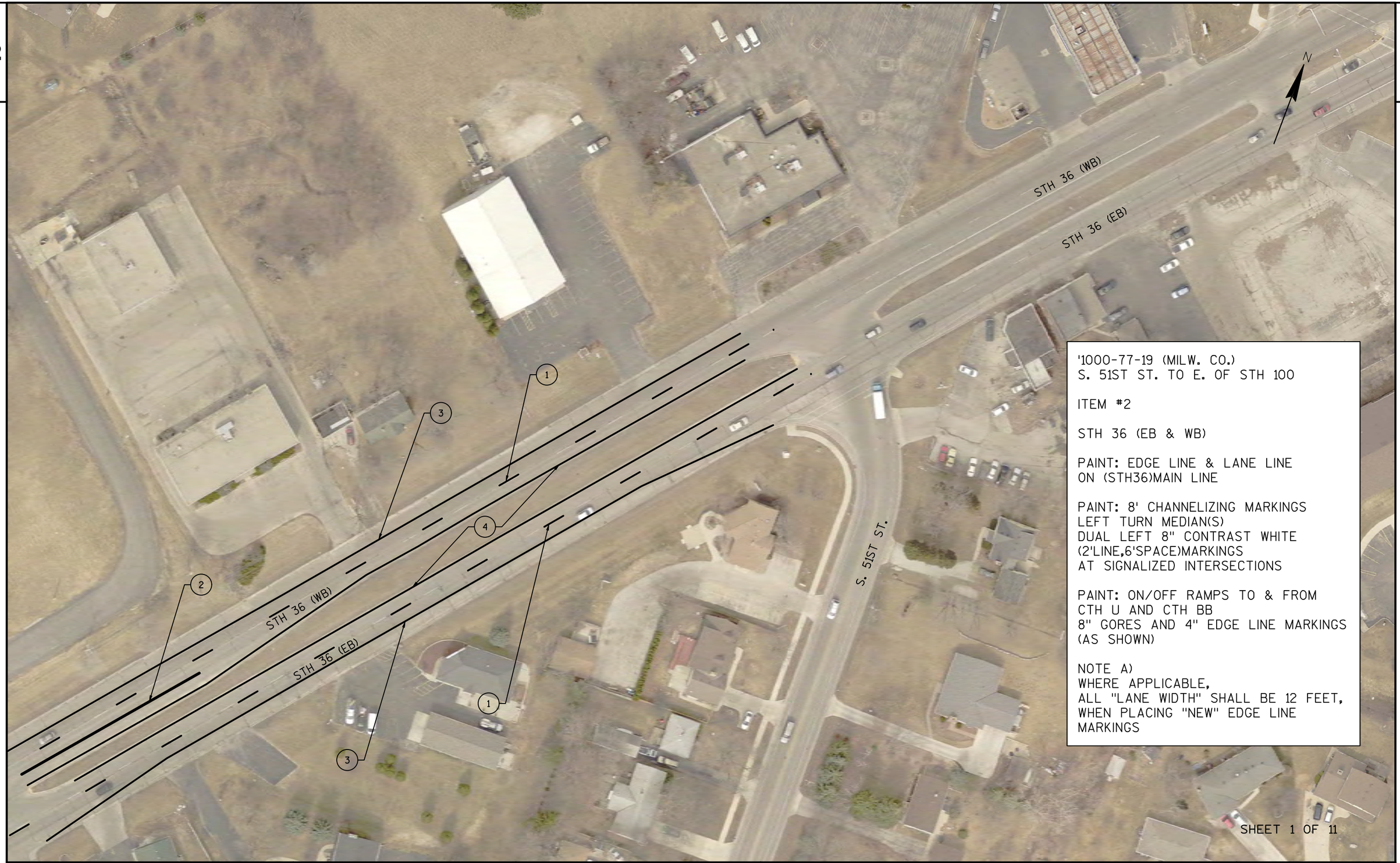
PAINT: 8" GORES MARKINGS ON/OFF RAMPS TO STH 16 ON RAMP

SHEET 4 OF 4

PROJECT NO: 1000-77-19	HWY: STH 67	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 32	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-1_PM.DWG
LAYOUT NAME - 024602_ITEM-1_PM (4)
PLOT DATE : 1/17/2019 1:46 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

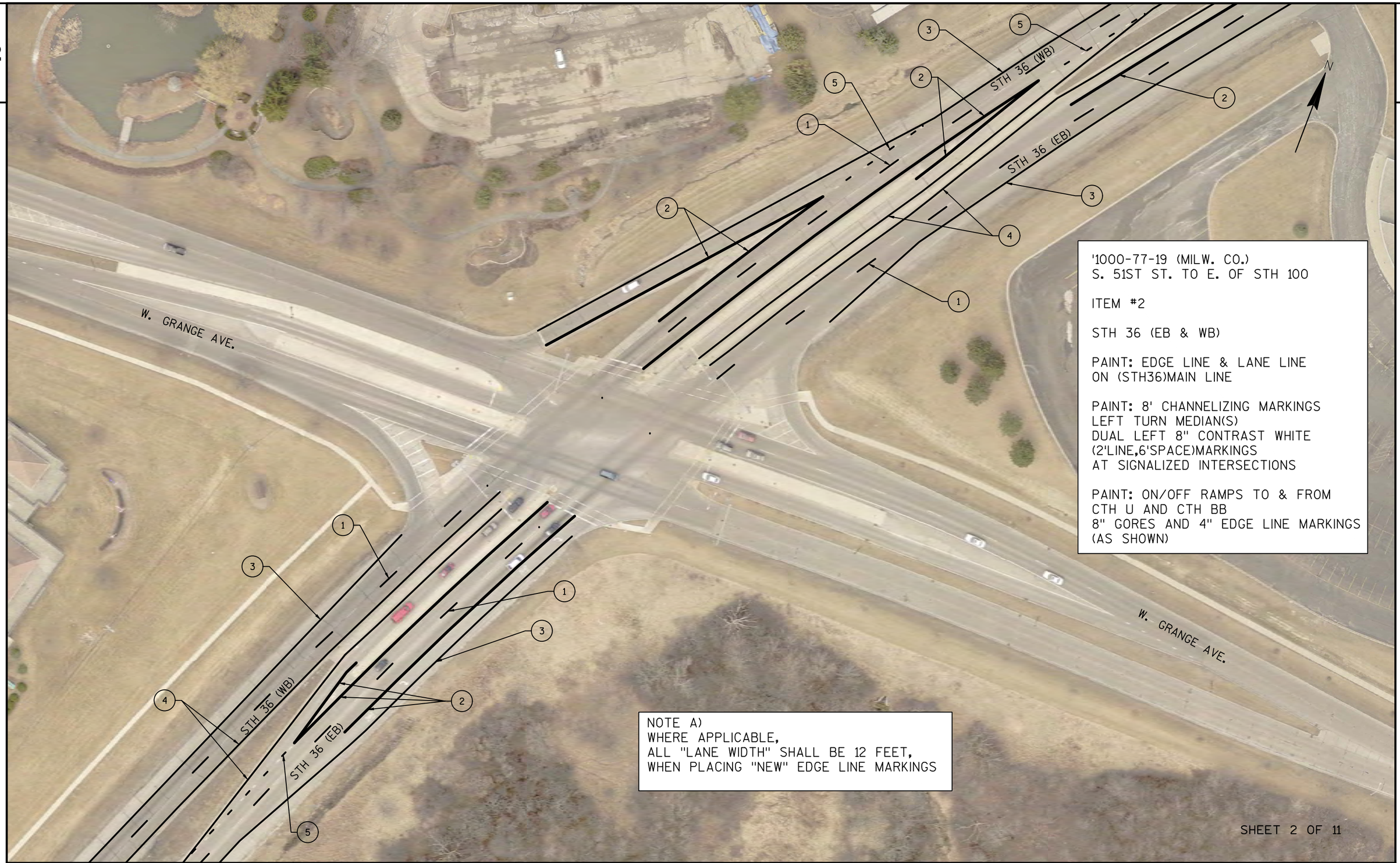
PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE
MARKINGS

SHEET 1 OF 11

PROJECT NO:1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 33	E

2



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

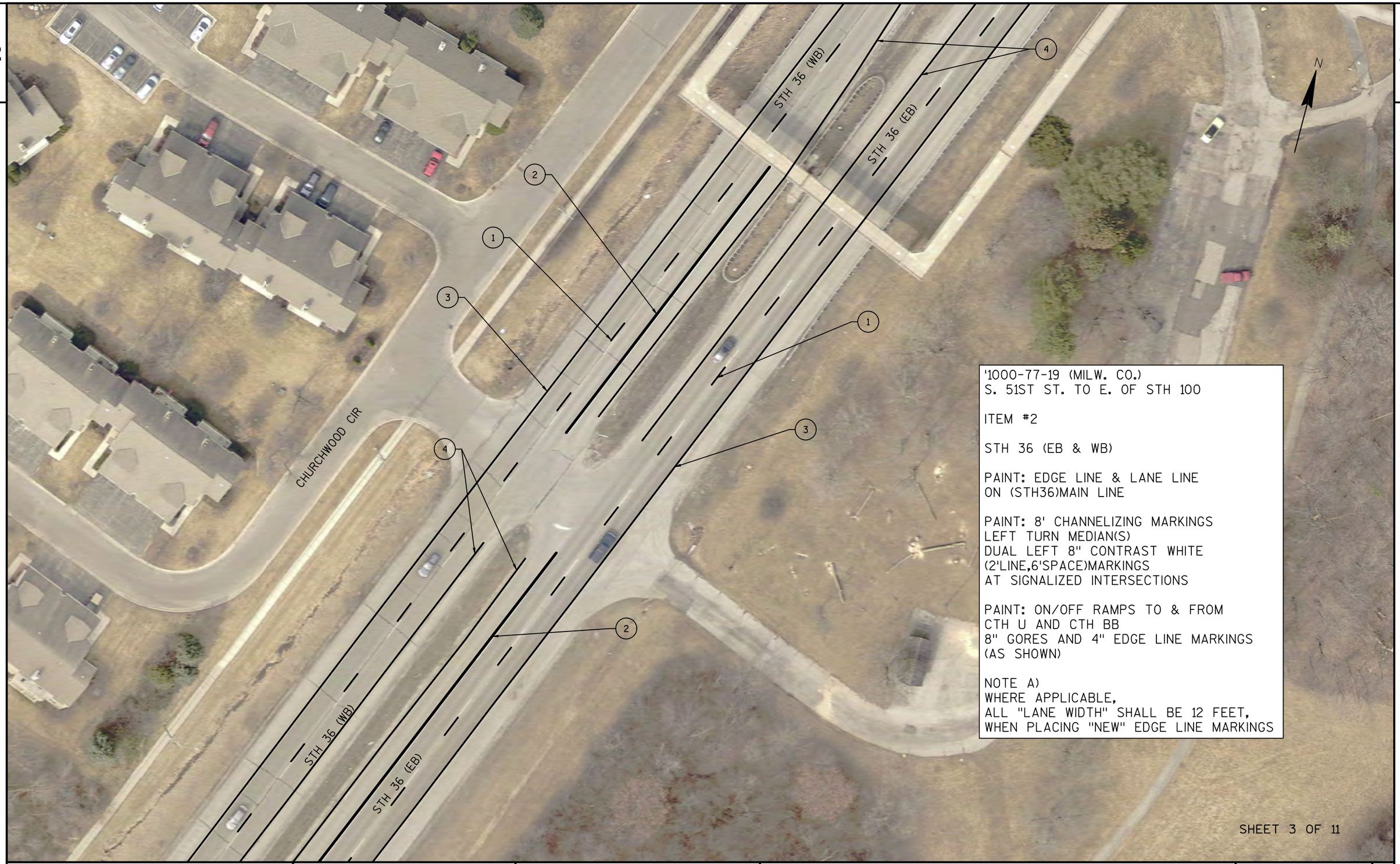
NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 2 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-2_PM.DWG
LAYOUT NAME - 024602_ITEM-2_PM (2)
PLOT DATE : 1/24/2019 12:42 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 3 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 35	E

'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

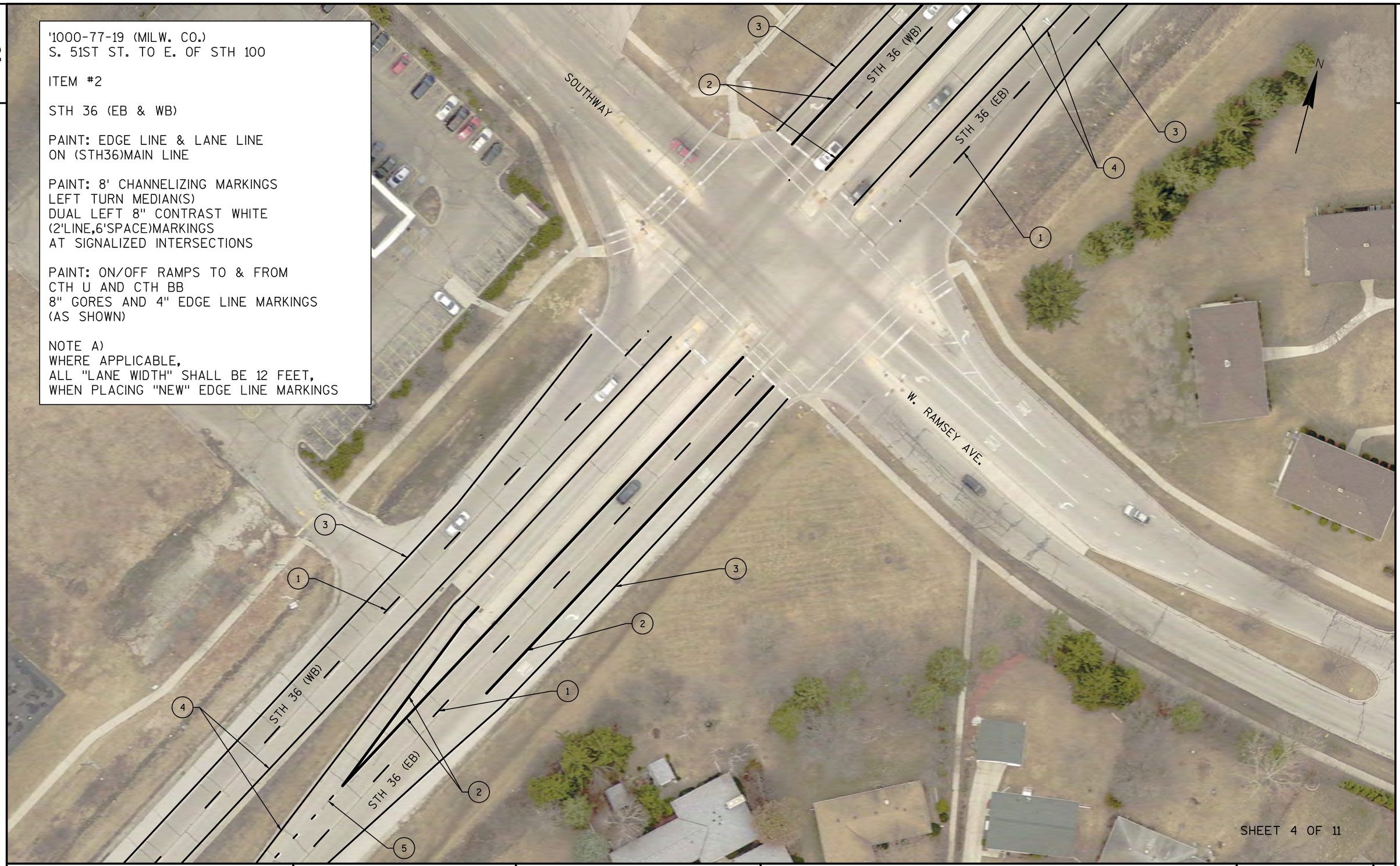
STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS



PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 36	E

FILE NAME : N:\PDS\PROJECTS\1000719\PLAN SET\024602_ITEM-2_PM.DWG
LAYOUT NAME - 024602_ITEM-2_PM (4)
PLOT DATE : 1/24/2019 12:42 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

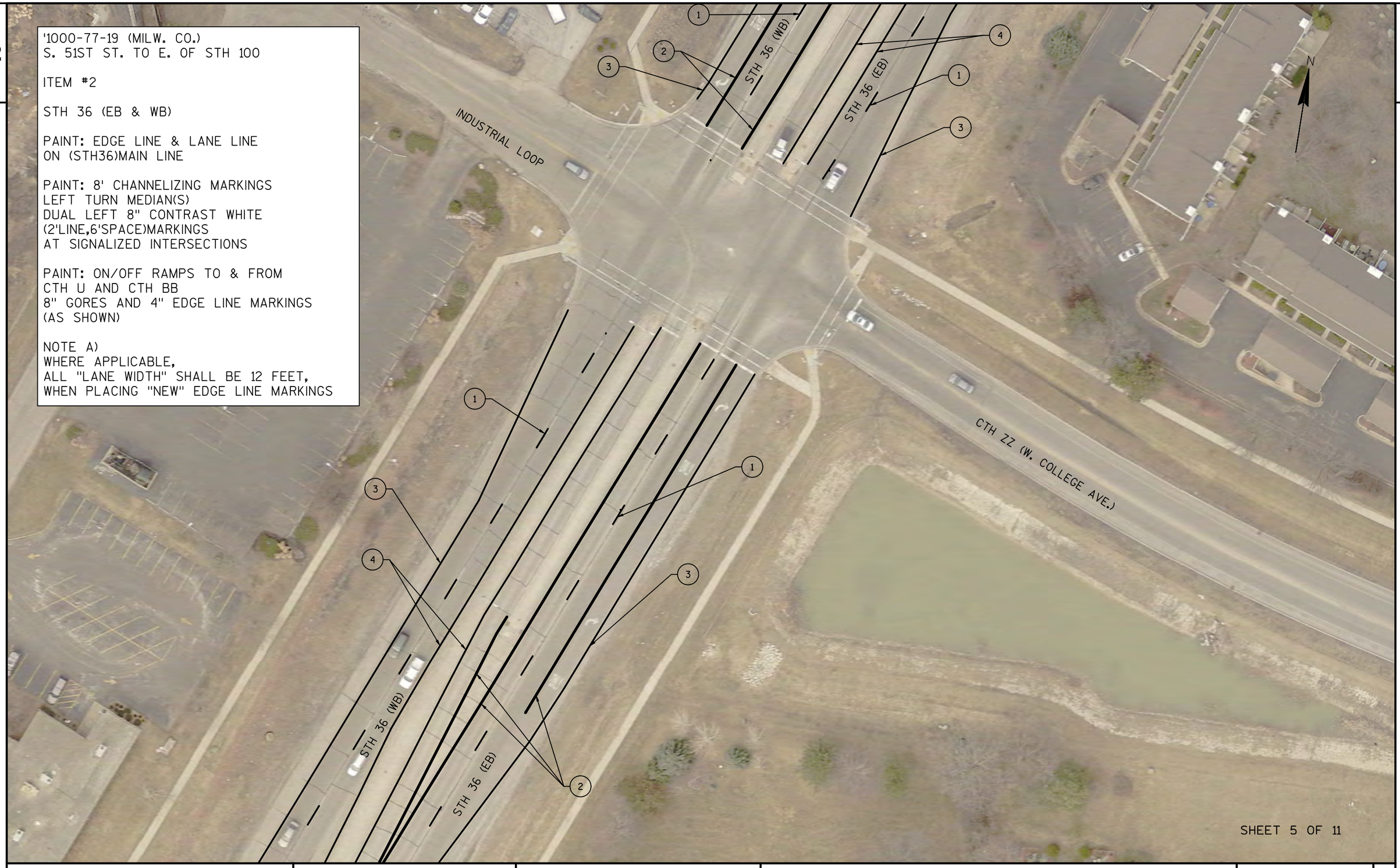
STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

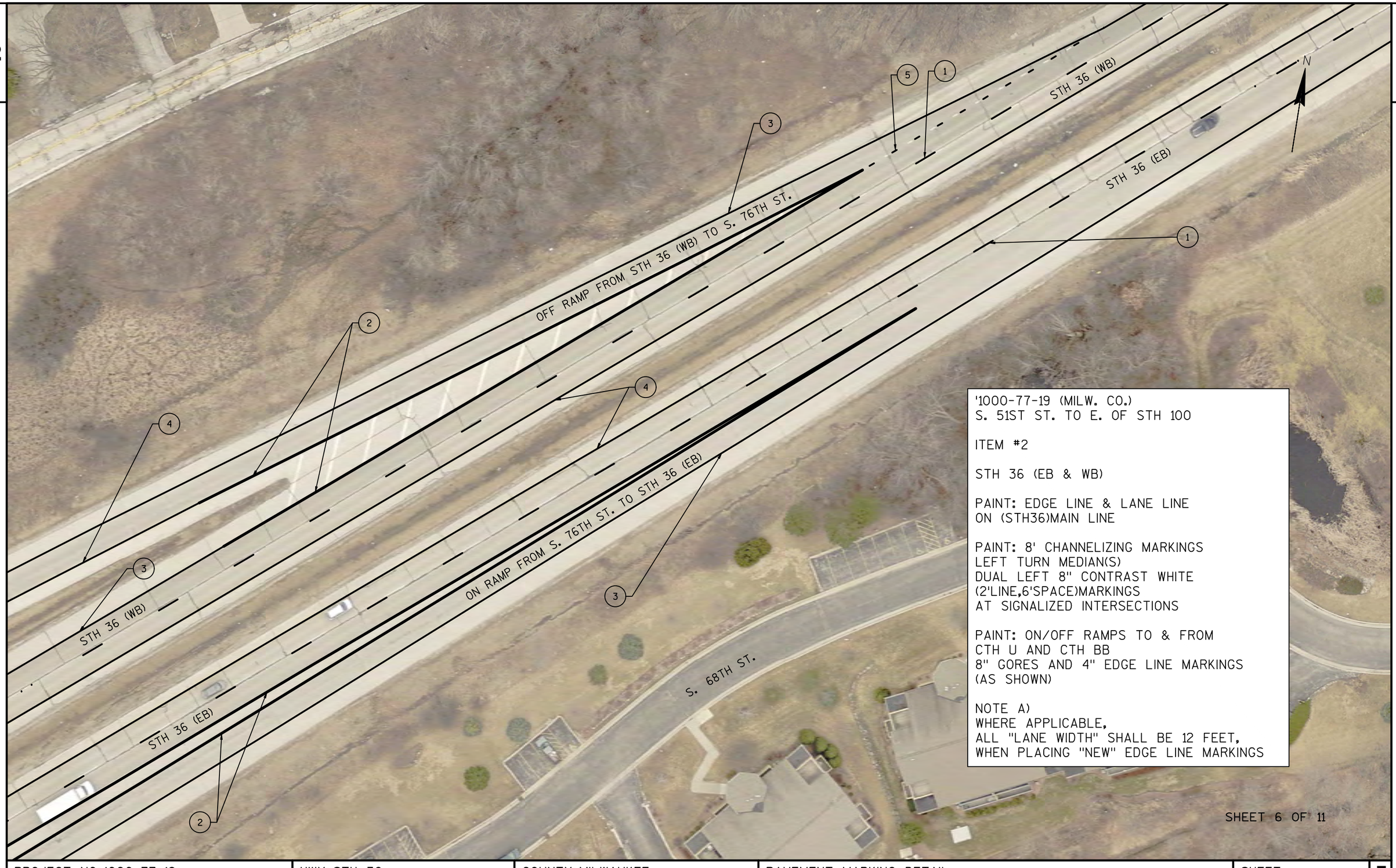
NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS



SHEET 5 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 37	E

2



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

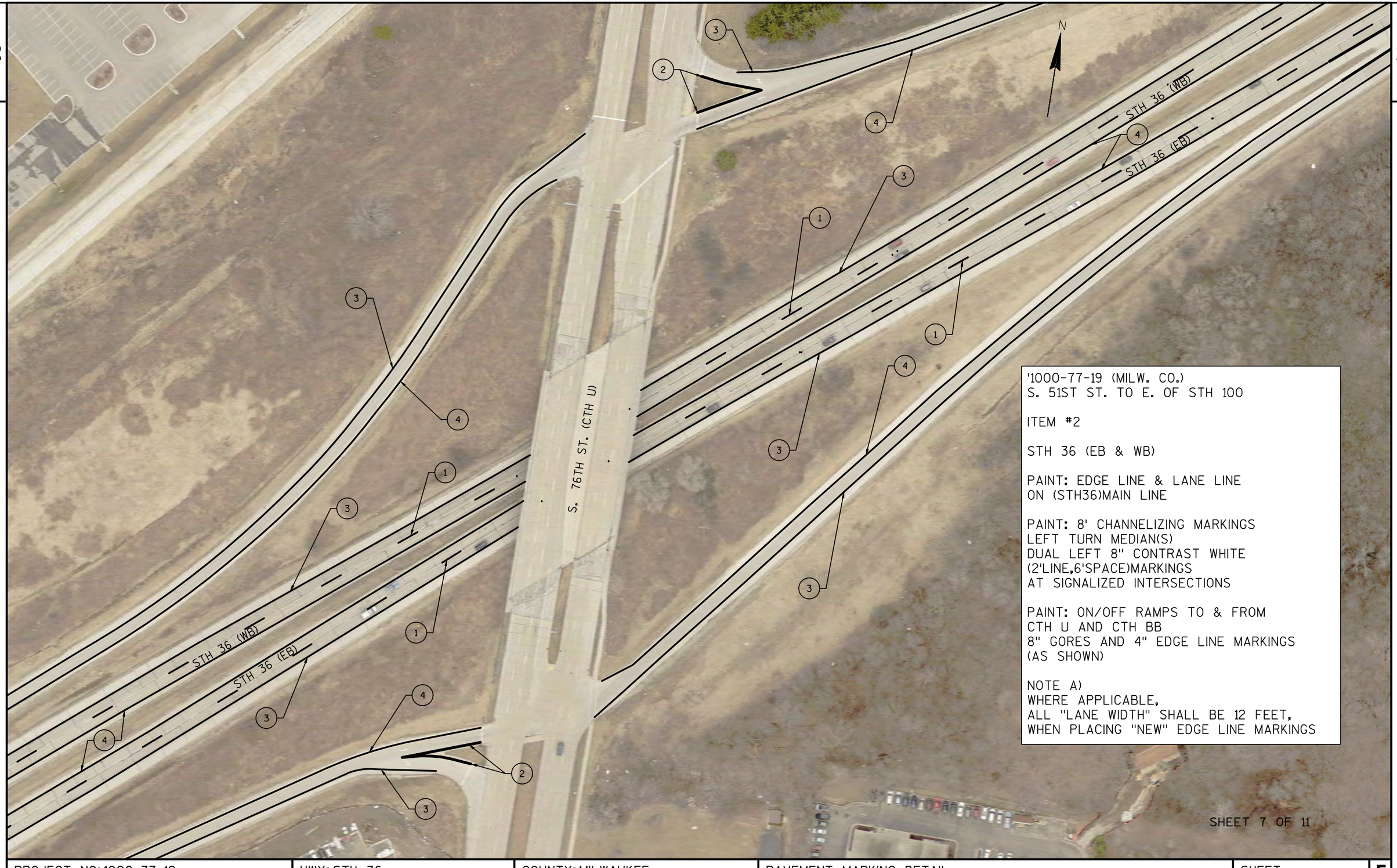
PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 6 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 38	E

2



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 7 OF 11

PROJECT NO:1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 39	E

'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

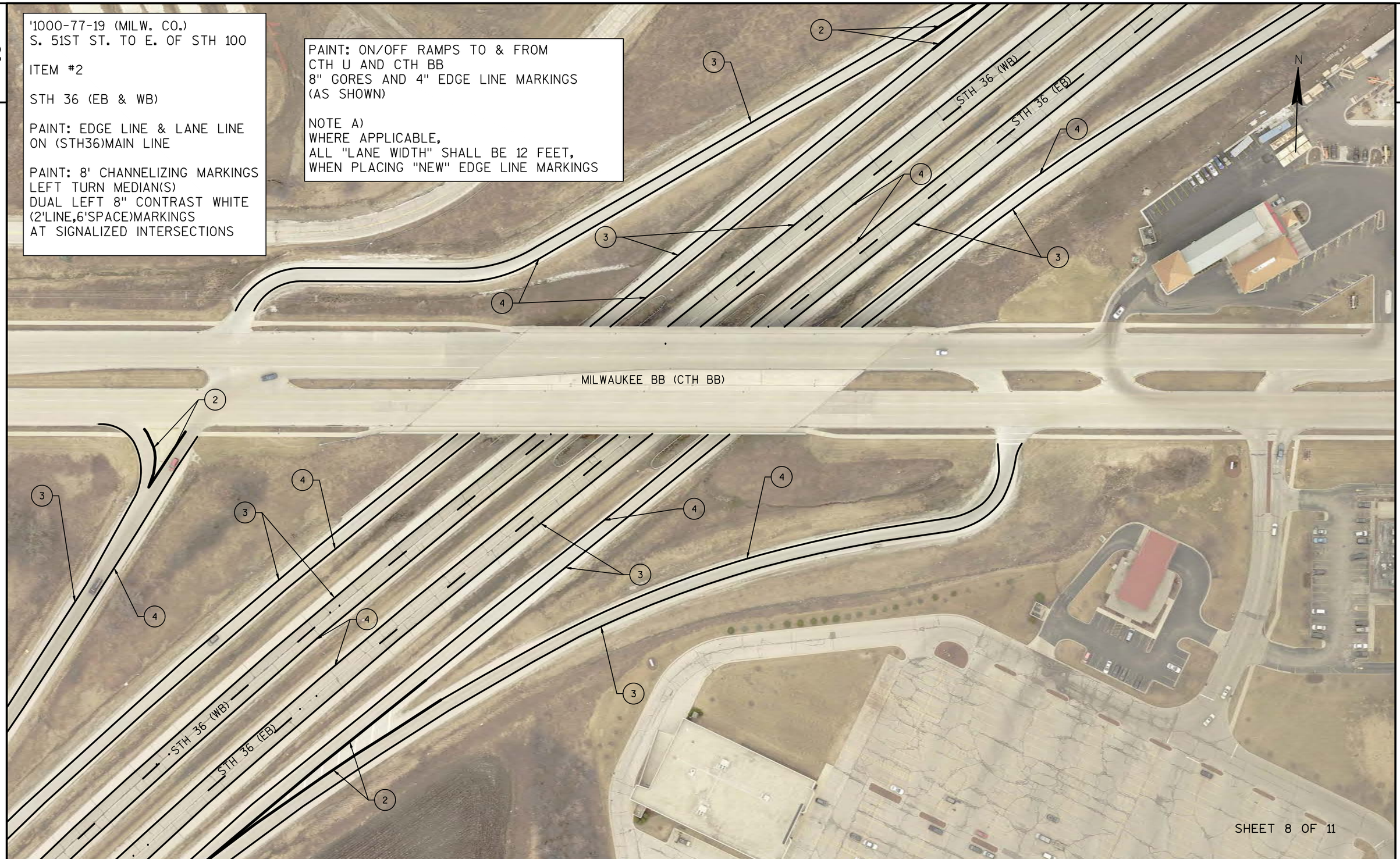
STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS



SHEET 8 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 40	E



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 9 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 41	E

'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

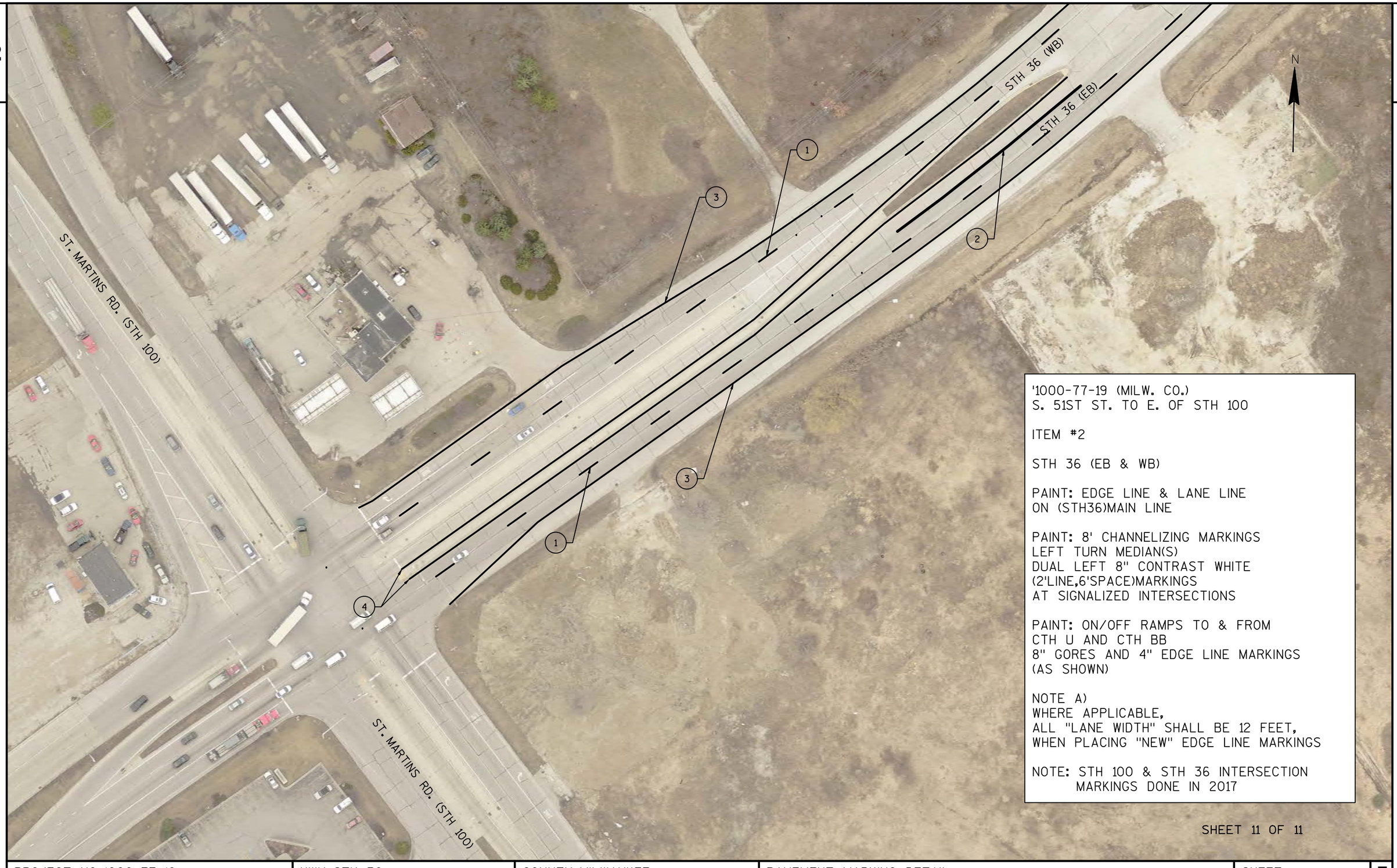
PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

W. DREXEL AVE.
STH 36 (WB)
STH 36 (EB)
N
W. DREXEL AVE.
STH 36 (WB)
STH 36 (EB)

SHEET 10 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 42	E



'1000-77-19 (MILW. CO.)
S. 51ST ST. TO E. OF STH 100

ITEM #2

STH 36 (EB & WB)

PAINT: EDGE LINE & LANE LINE
ON (STH36)MAIN LINE

PAINT: 8' CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S)
DUAL LEFT 8" CONTRAST WHITE
(2'LINE,6'SPACE)MARKINGS
AT SIGNALIZED INTERSECTIONS

PAINT: ON/OFF RAMPS TO & FROM
CTH U AND CTH BB
8" GORES AND 4" EDGE LINE MARKINGS
(AS SHOWN)

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

NOTE: STH 100 & STH 36 INTERSECTION
MARKINGS DONE IN 2017

SHEET 11 OF 11

PROJECT NO: 1000-77-19	HWY: STH 36	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 43	E

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)



SHEET 1 OF 11

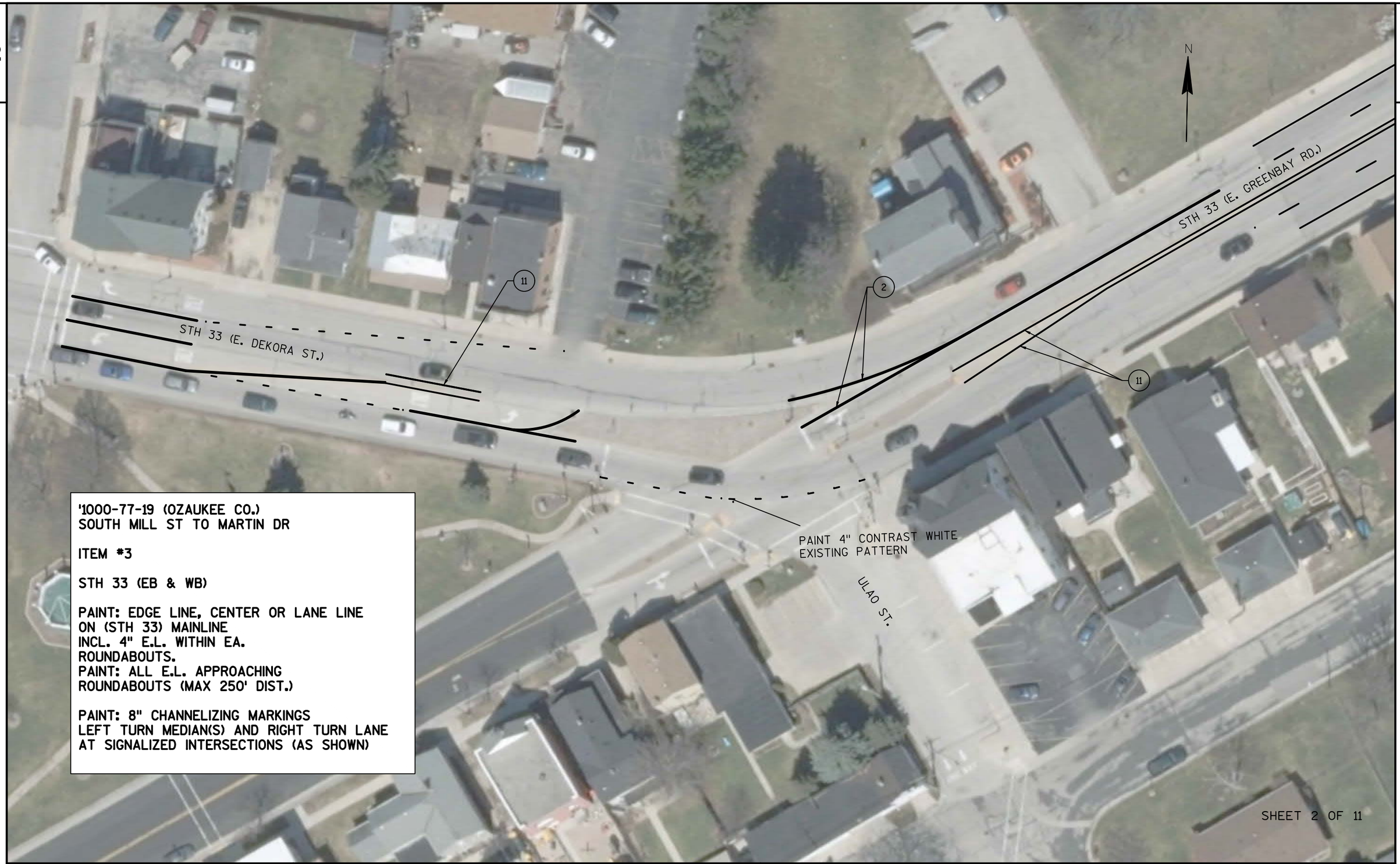
PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 44	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-3_PM.DWG
LAYOUT NAME - 024602_ITEM-3_PM

PLOT DATE : 1/17/2019 1:58 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

SHEET 2 OF 11

2

PROJECT NO:1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 45	E

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)



SHEET 3 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 46	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-3_PM.DWG
LAYOUT NAME - 024602_ITEM-3_PM (3)

PLOT DATE : 1/17/2019 1:58 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

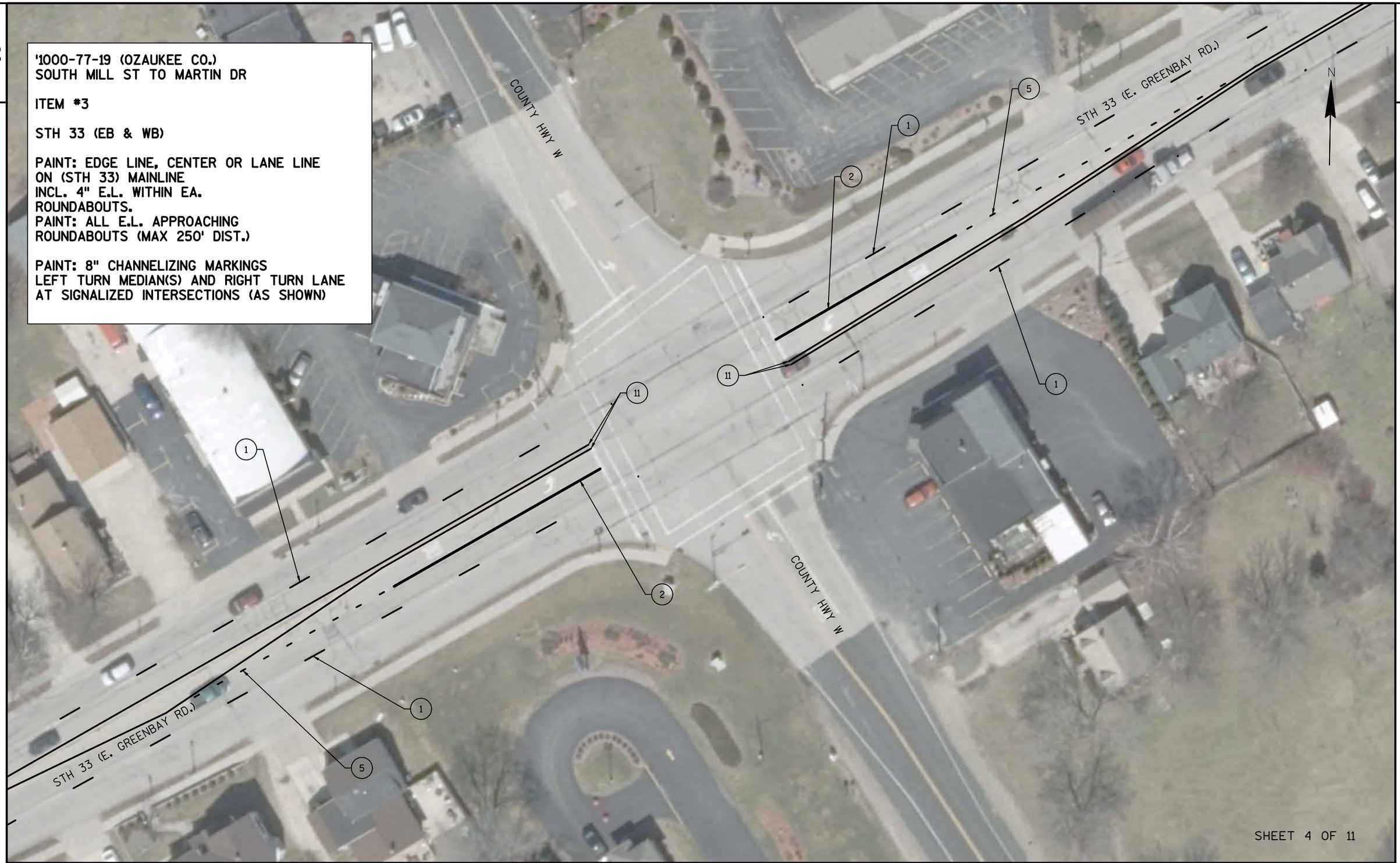
'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)



SHEET 4 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 47	E

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

N

STH 33 (E. GREENBAY RD.)

S. FOSTER DR.

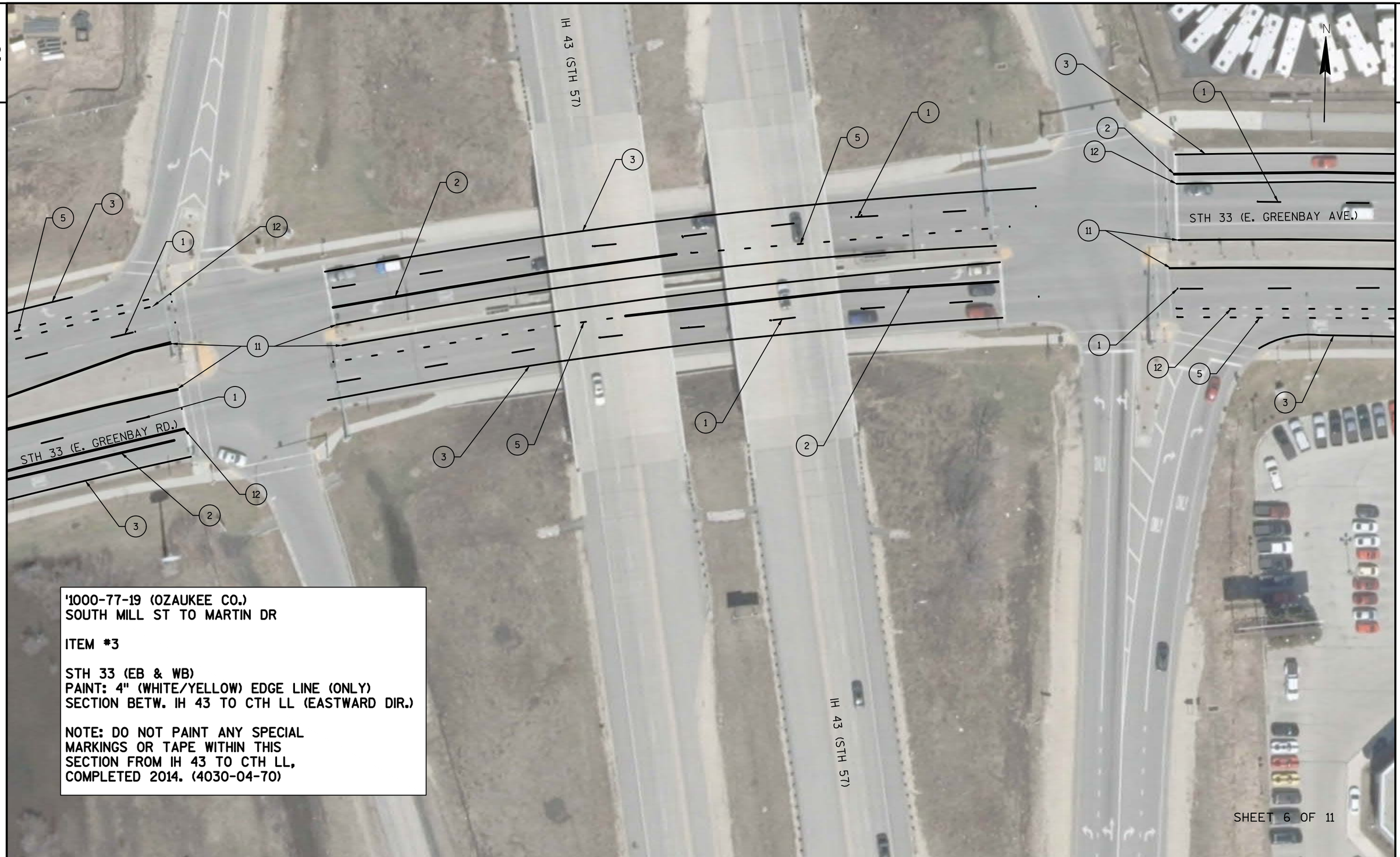
SHEET 5 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 48	E

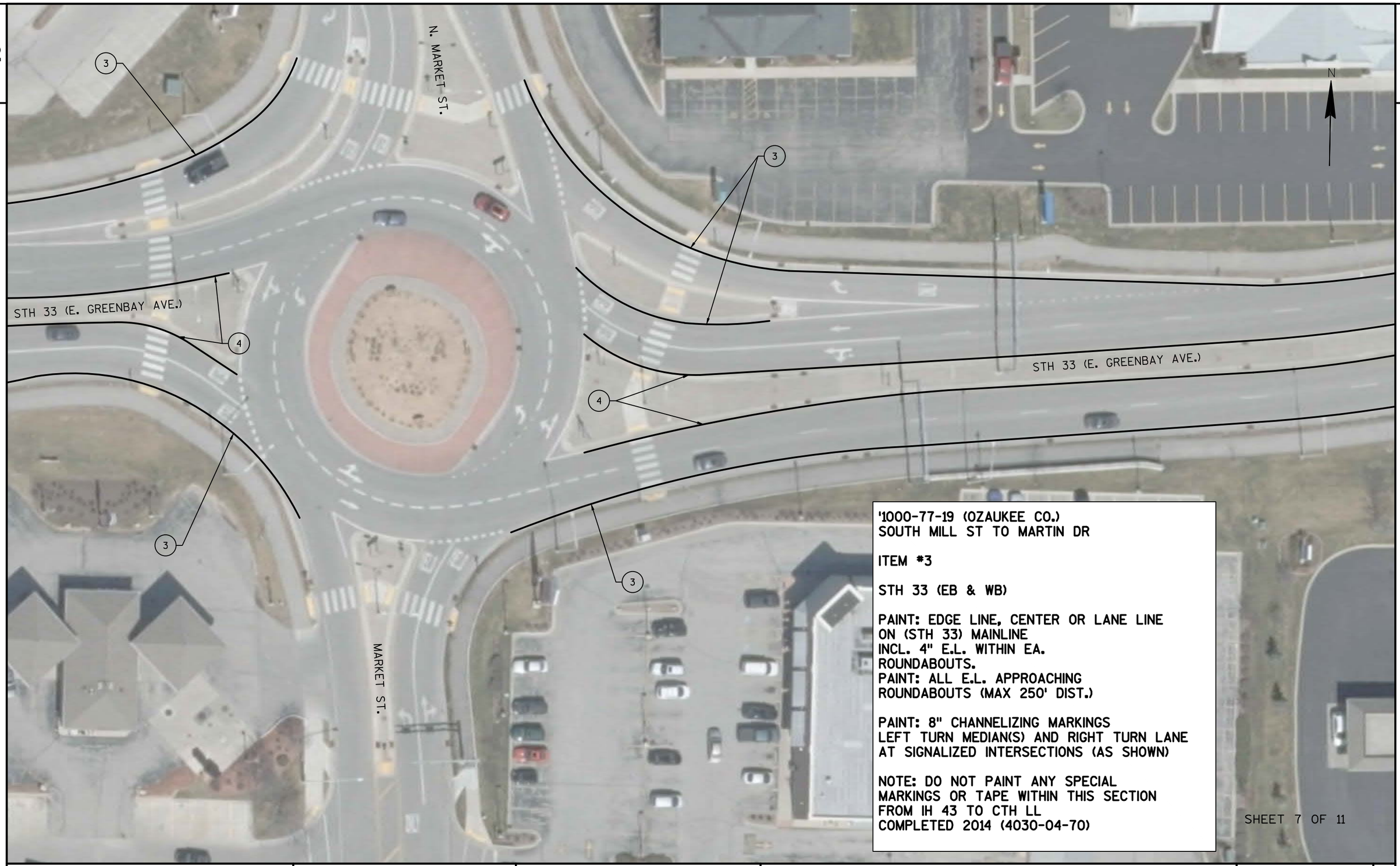
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-3_PM.DWG
LAYOUT NAME - 024602_ITEM-3_PM (5)

PLOT DATE : 1/17/2019 1:58 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42



PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 49	E



'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

NOTE: DO NOT PAINT ANY SPECIAL
MARKINGS OR TAPE WITHIN THIS SECTION
FROM IH 43 TO CTH LL
COMPLETED 2014 (4030-04-70)

SHEET 7 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 50	E

2

NORTHWOOD DR.

N

3

3

STH 33 (E. GREENBAY AVE.)

4

4

STH 33 (E. GREENBAY AVE.)

3

3

NORTHWOOD RD.

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

NOTE: DO NOT PAINT ANY SPECIAL
MARKINGS OR TAPE WITHIN THIS SECTION
FROM IH 43 TO CTH LL
COMPLETED 2014 (4030-04-70)

SHEET 8 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 51	E

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

NOTE: DO NOT PAINT ANY SPECIAL
MARKINGS OR TAPE WITHIN THIS SECTION
FROM IH 43 TO CTH LL
COMPLETED 2014 (4030-04-70)



SHEET 9 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 52	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-3_PM.DWG
LAYOUT NAME - 024602_ITEM-3_PM (9)
PLOT DATE : 1/17/2019 1:58 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

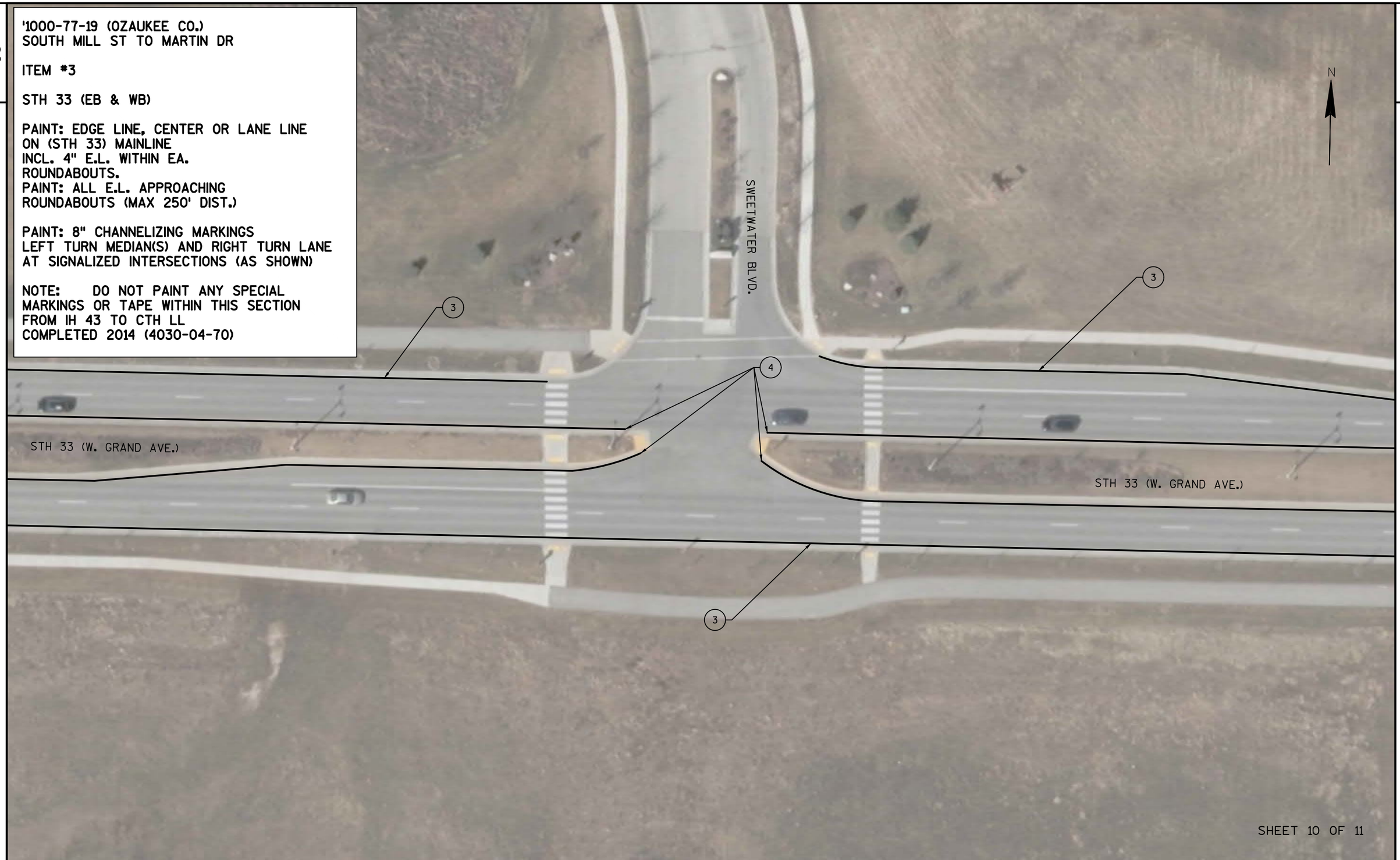
ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

NOTE: DO NOT PAINT ANY SPECIAL
MARKINGS OR TAPE WITHIN THIS SECTION
FROM IH 43 TO CTH LL
COMPLETED 2014 (4030-04-70)



2

SHEET 10 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 53	E

'1000-77-19 (OZAUKEE CO.)
SOUTH MILL ST TO MARTIN DR

ITEM #3

STH 33 (EB & WB)

PAINT: EDGE LINE, CENTER OR LANE LINE
ON (STH 33) MAINLINE
INCL. 4" E.L. WITHIN EA.
ROUNDABOUTS.
PAINT: ALL E.L. APPROACHING
ROUNDABOUTS (MAX 250' DIST.)

PAINT: 8" CHANNELIZING MARKINGS
LEFT TURN MEDIAN(S) AND RIGHT TURN LANE
AT SIGNALIZED INTERSECTIONS (AS SHOWN)

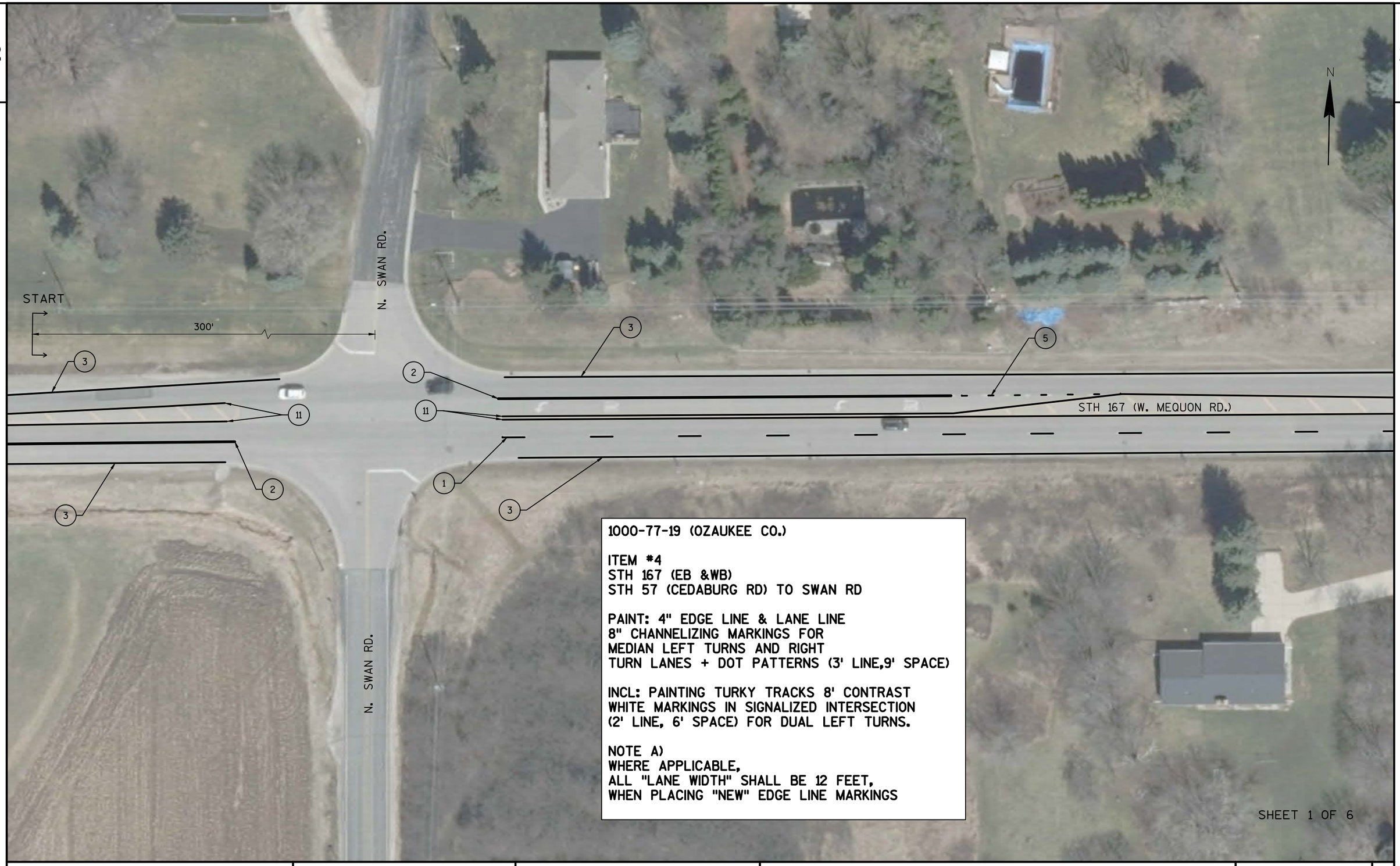
NOTE: DO NOT PAINT ANY SPECIAL
MARKINGS OR TAPE WITHIN THIS SECTION
FROM IH 43 TO CTH LL
COMPLETED 2014 (4030-04-70)



SHEET 11 OF 11

PROJECT NO: 1000-77-19	HWY: STH 33	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 54	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

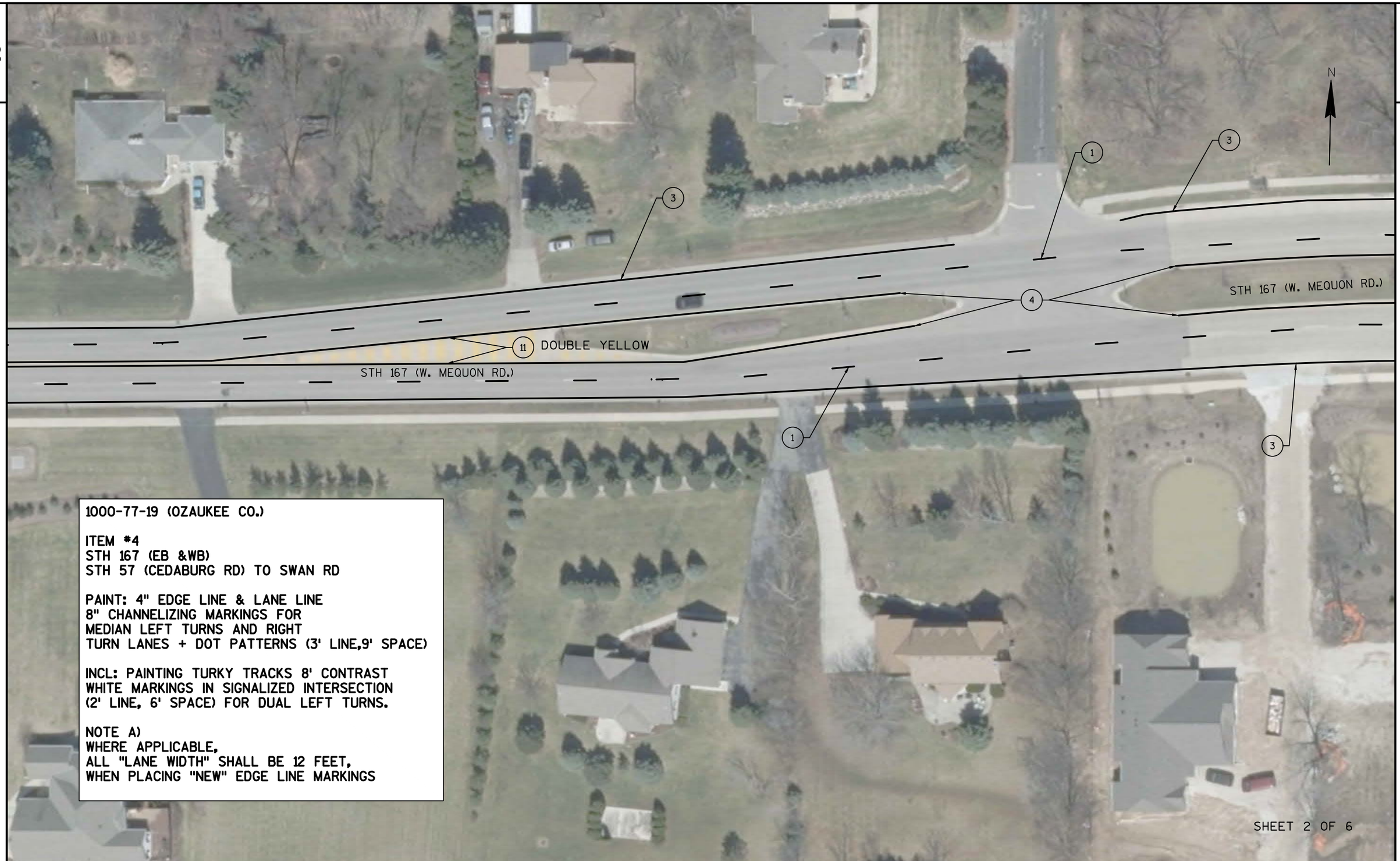
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 1 OF 6

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 55	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

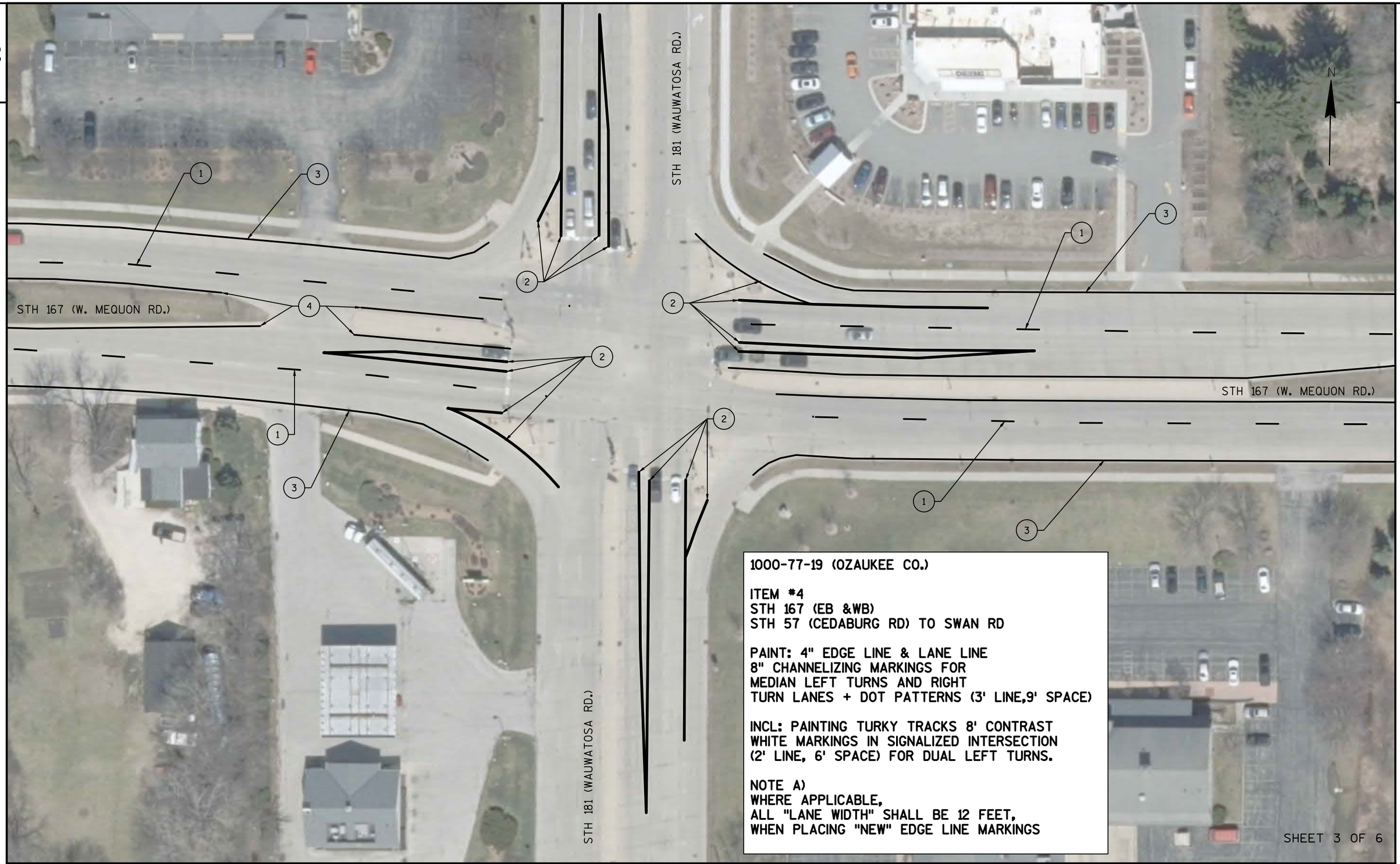
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 2 OF 6

PROJECT NO:1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-4_PM.DWG
LAYOUT NAME - 024602_ITEM-4_PM (2)
PLOT DATE : 1/17/2019 2:00 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42



1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

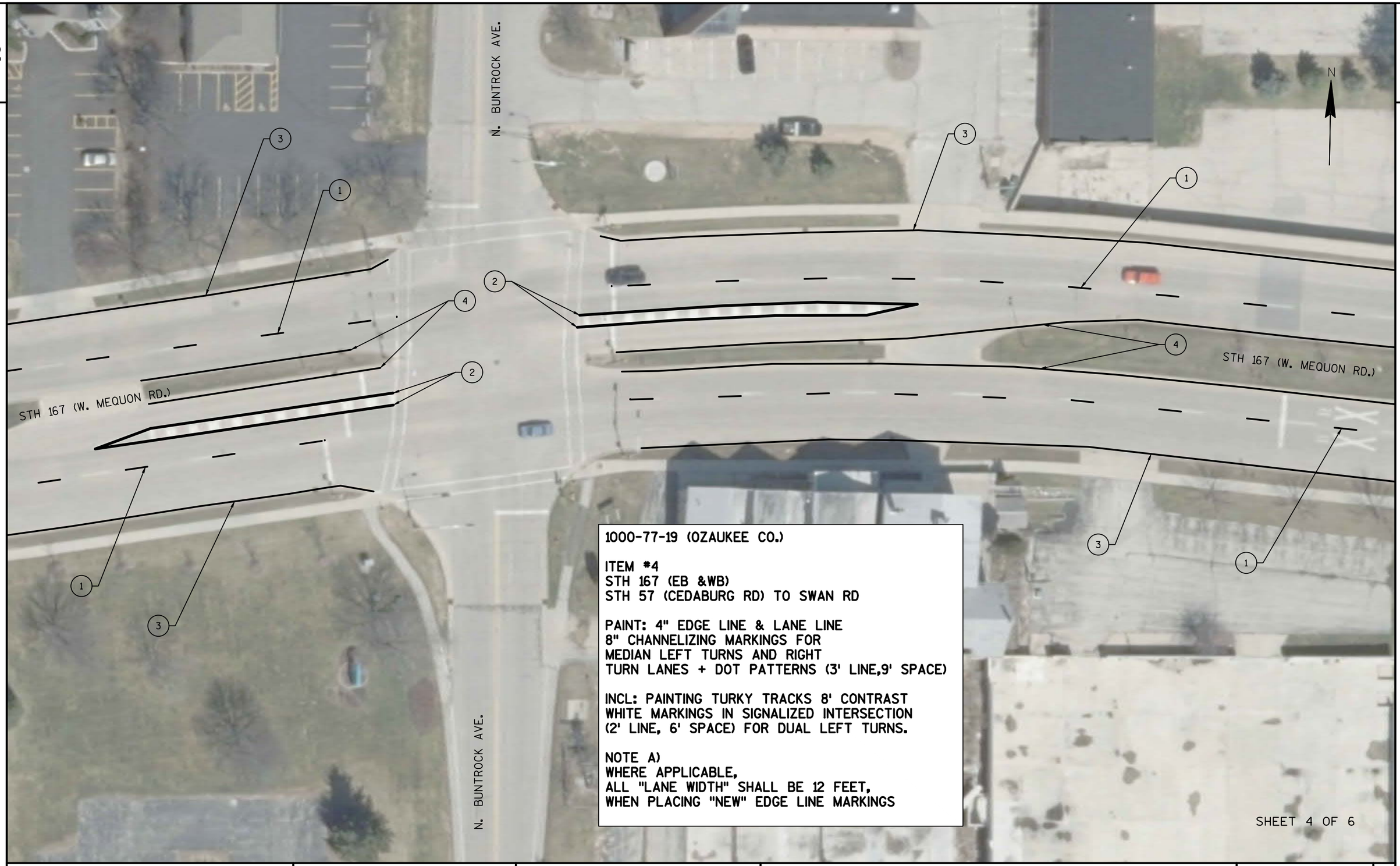
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 3 OF 6

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 57	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

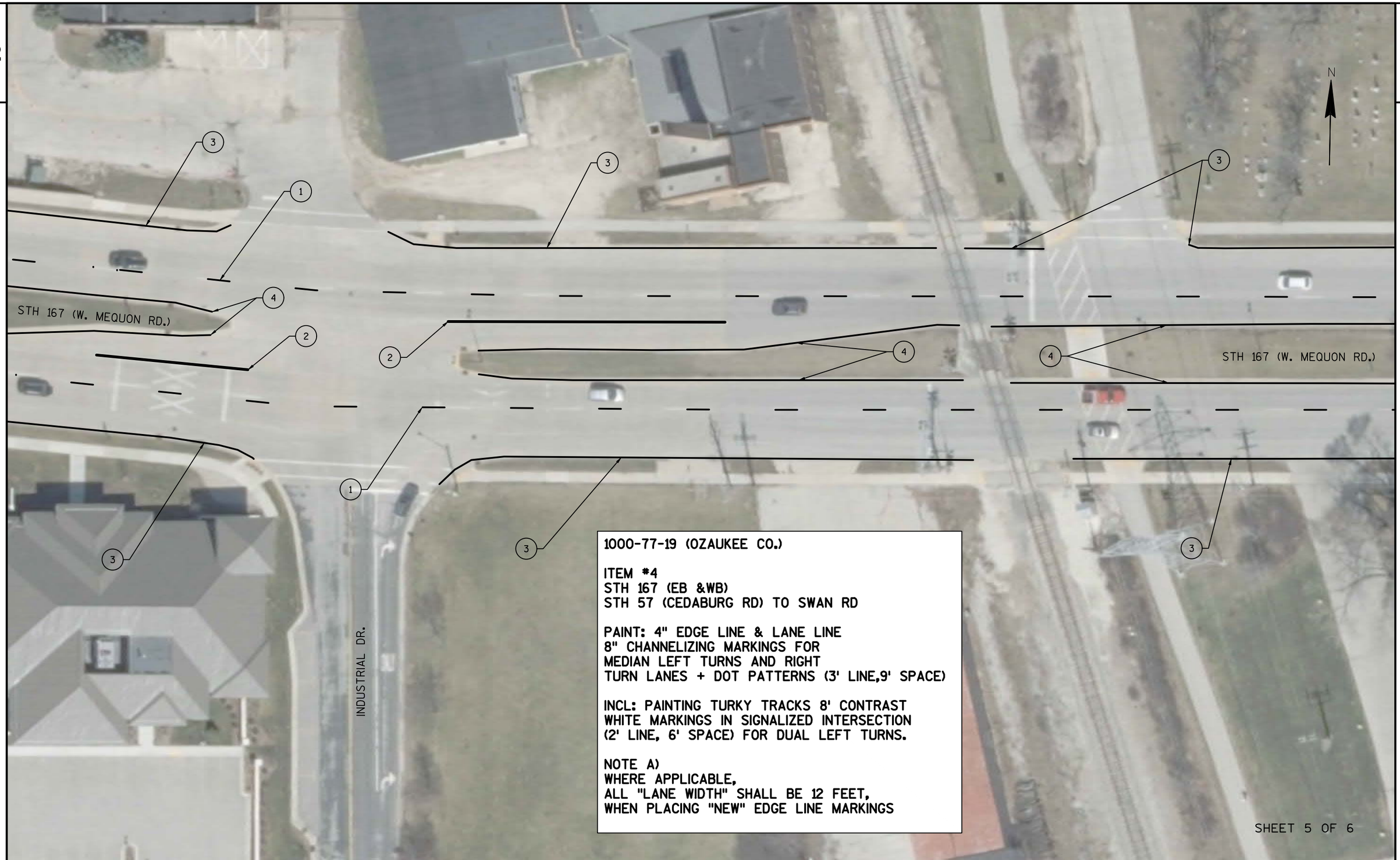
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 4 OF 6

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 58	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 5 OF 6

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 59	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-4_PM.DWG
LAYOUT NAME - 024602_ITEM-4_PM (5)
PLOT DATE : 1/17/2019 2:01 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

STH 57 (N. CEDARBURG RD.)

STH 167 (W. MEQUON RD.)

STH 167 (W. MEQUON RD.)

STH 57 (N. CEDARBURG RD.)

8" WHITE SOLID

N

1000-77-19 (OZAUKEE CO.)

ITEM #4
STH 167 (EB &WB)
STH 57 (CEDABURG RD) TO SWAN RD

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS (3' LINE,9' SPACE)

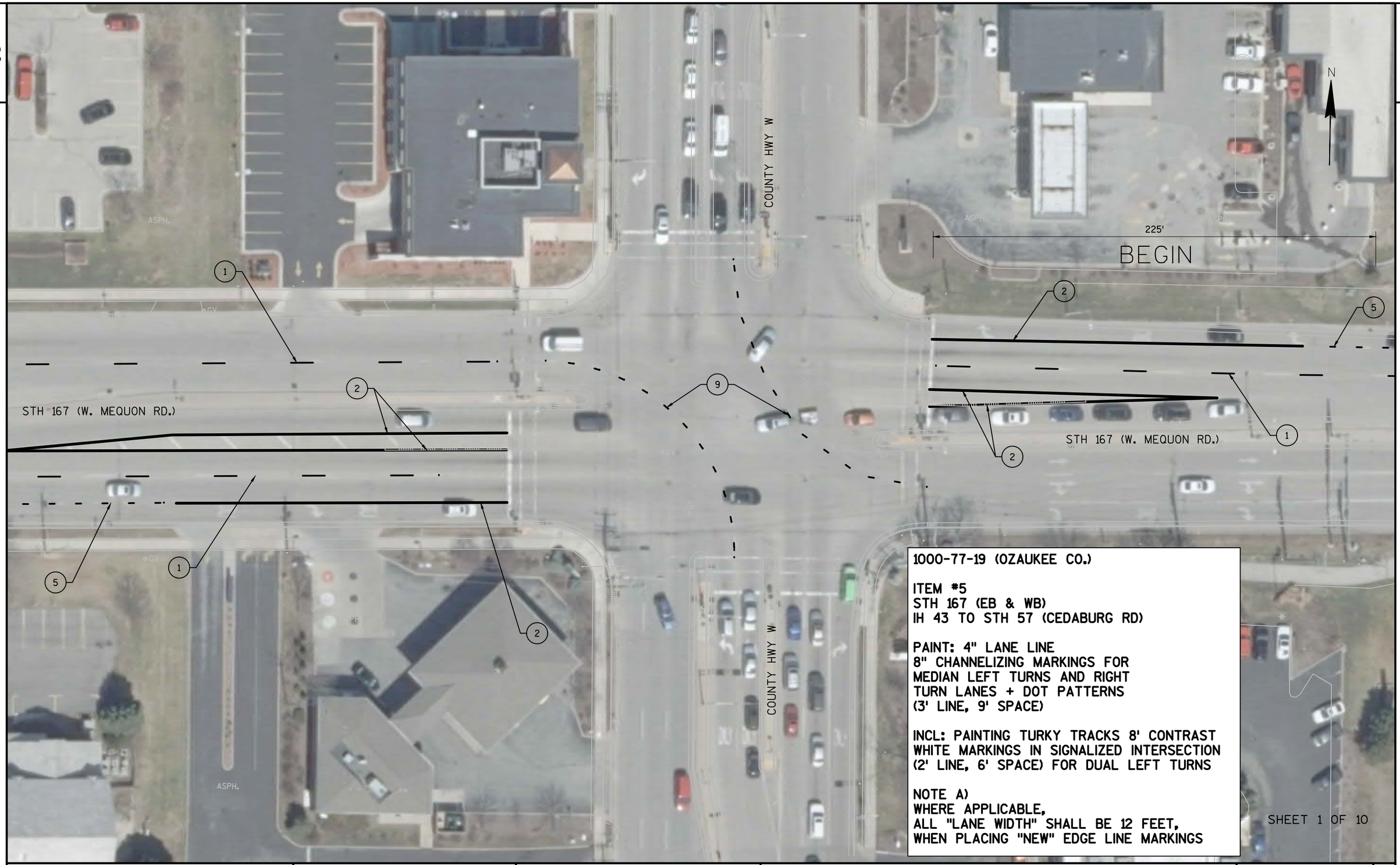
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS.

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 6 OF 6

PROJECT NO:1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 60	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 1 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 61	E

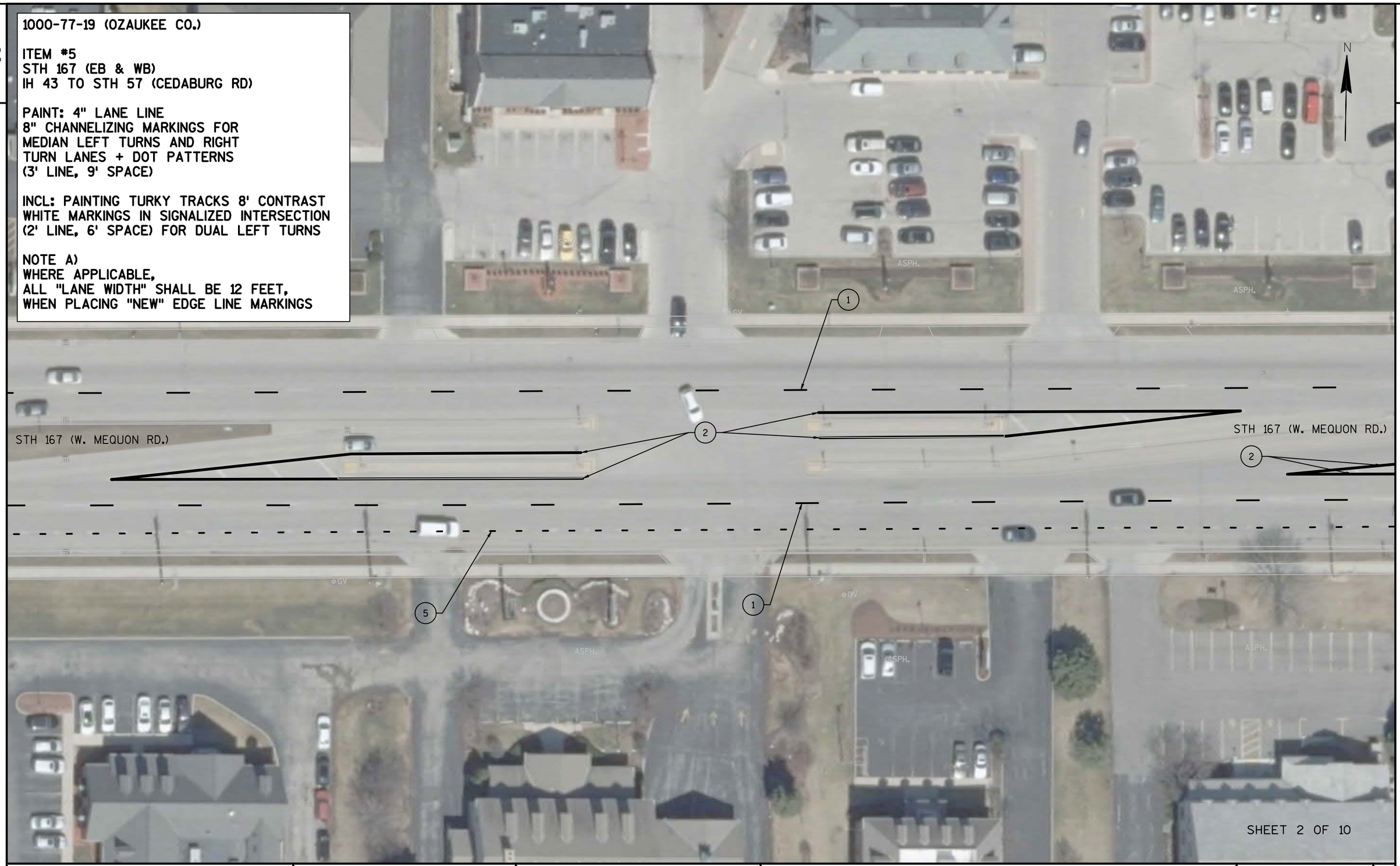
1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

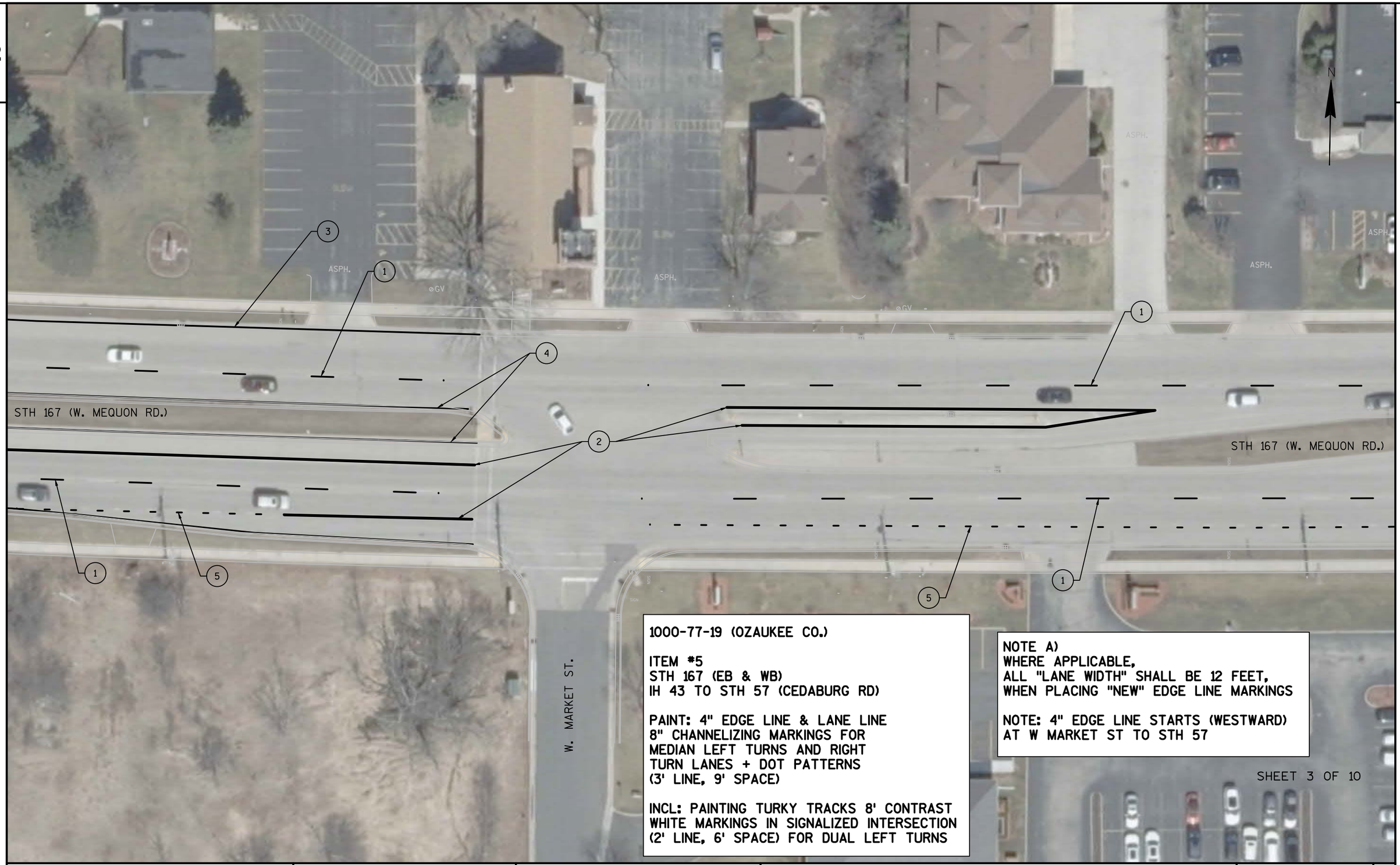


SHEET 2 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 62	E

2

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

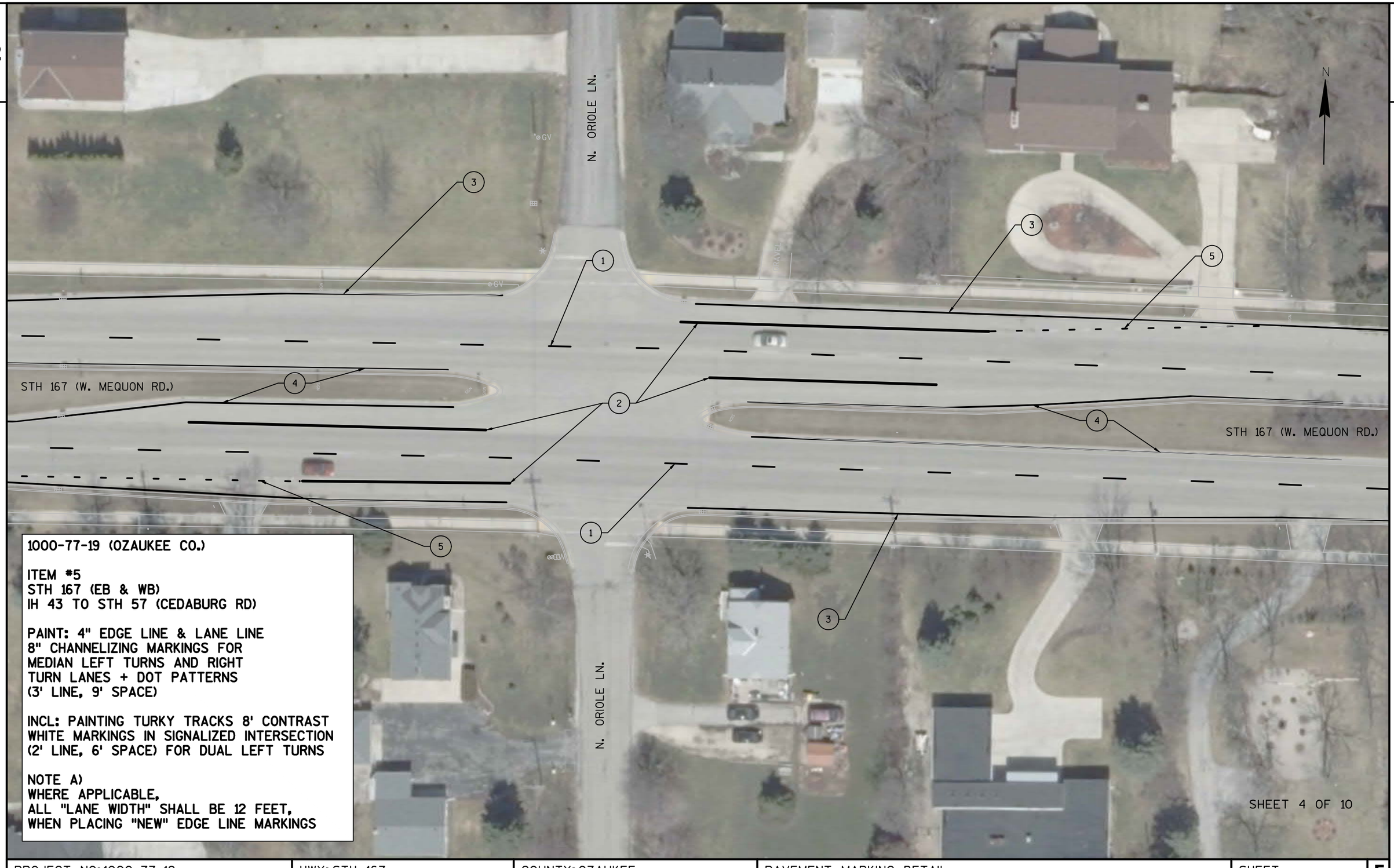
NOTE: 4" EDGE LINE STARTS (WESTWARD)
AT W MARKET ST TO STH 57

SHEET 3 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 63	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-5_PM.DWG
LAYOUT NAME - 024602_ITEM-5_PM (3)
PLOT DATE : 1/17/2019 2:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

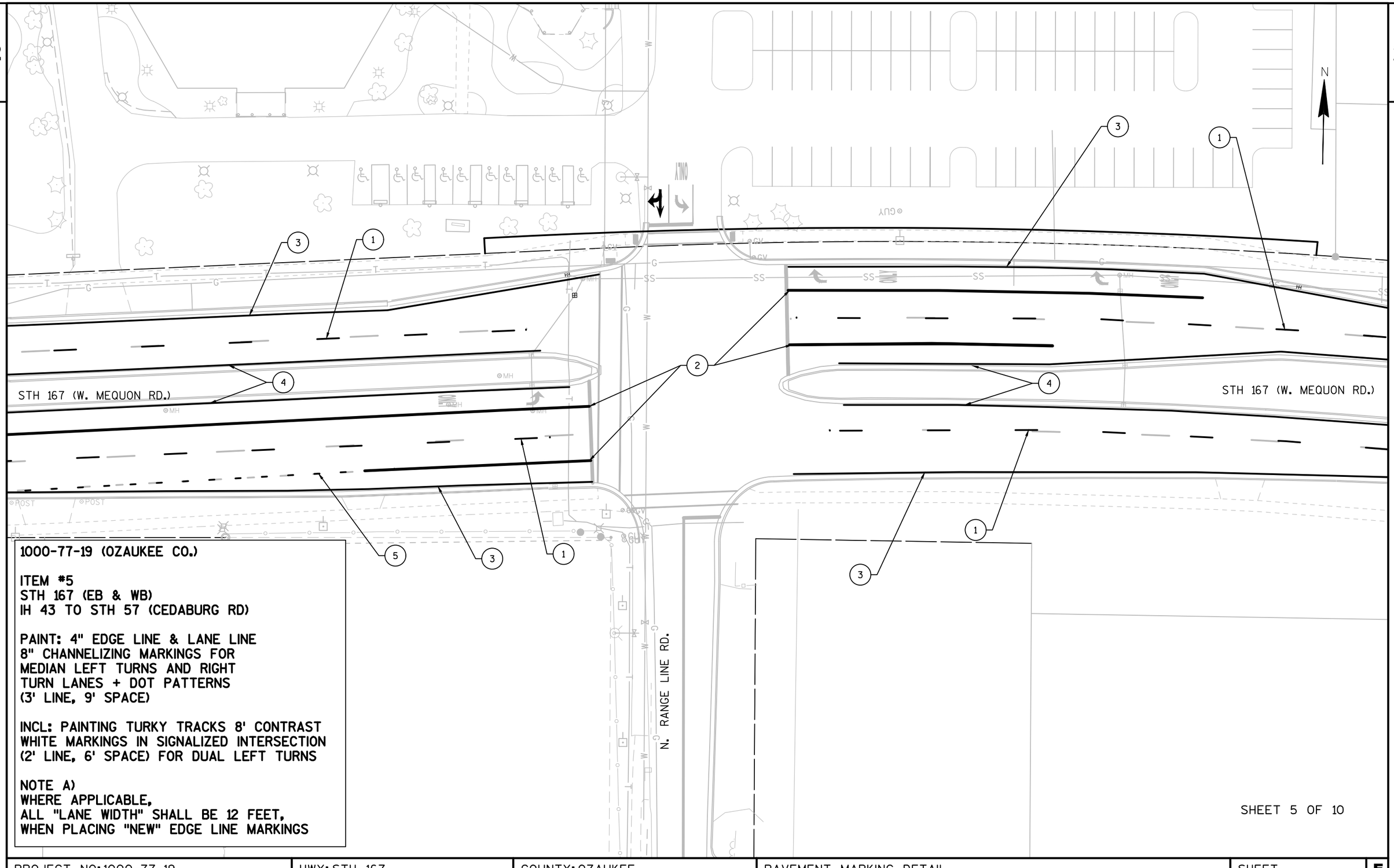
PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 64	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

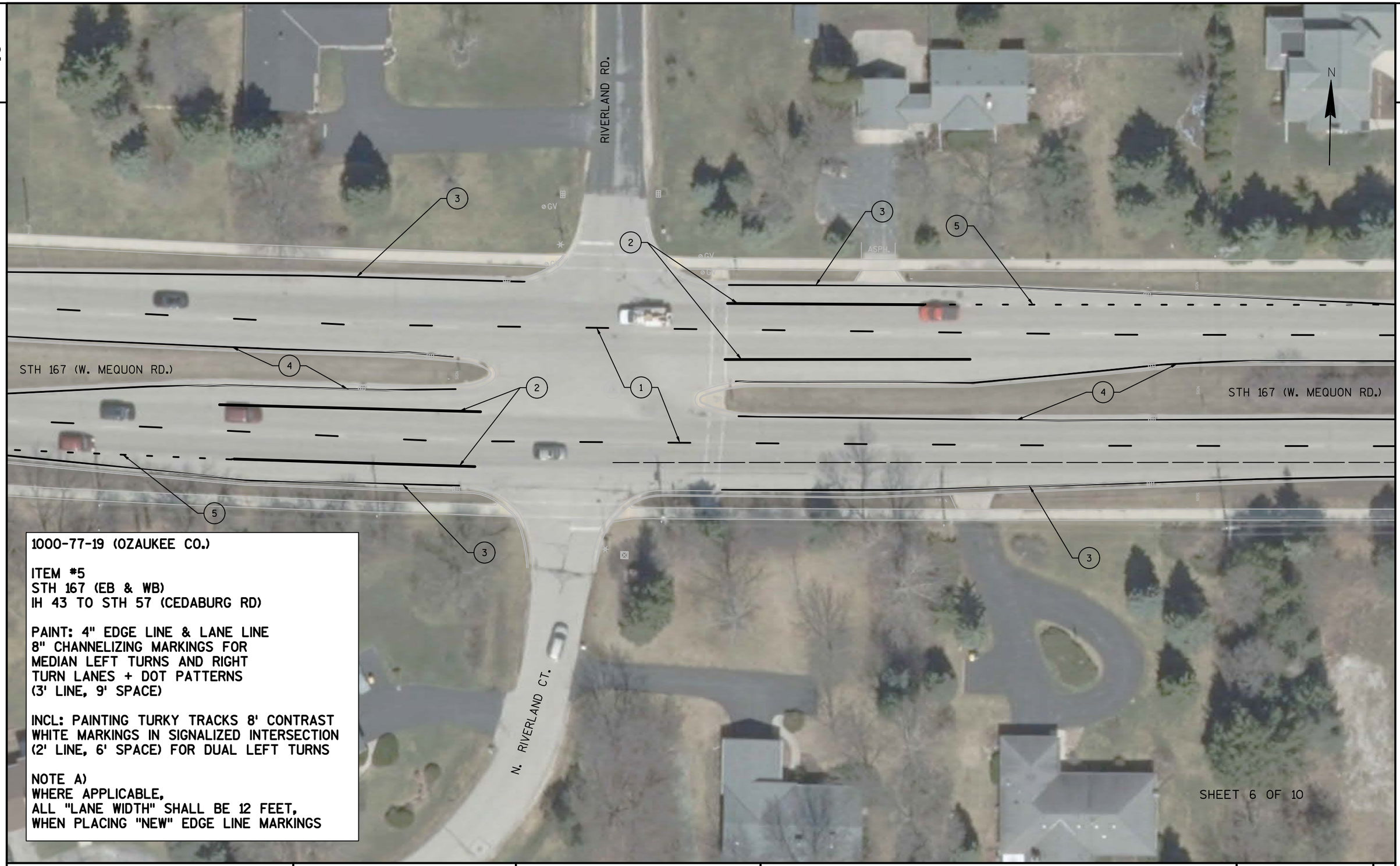
PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 5 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 65	E



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

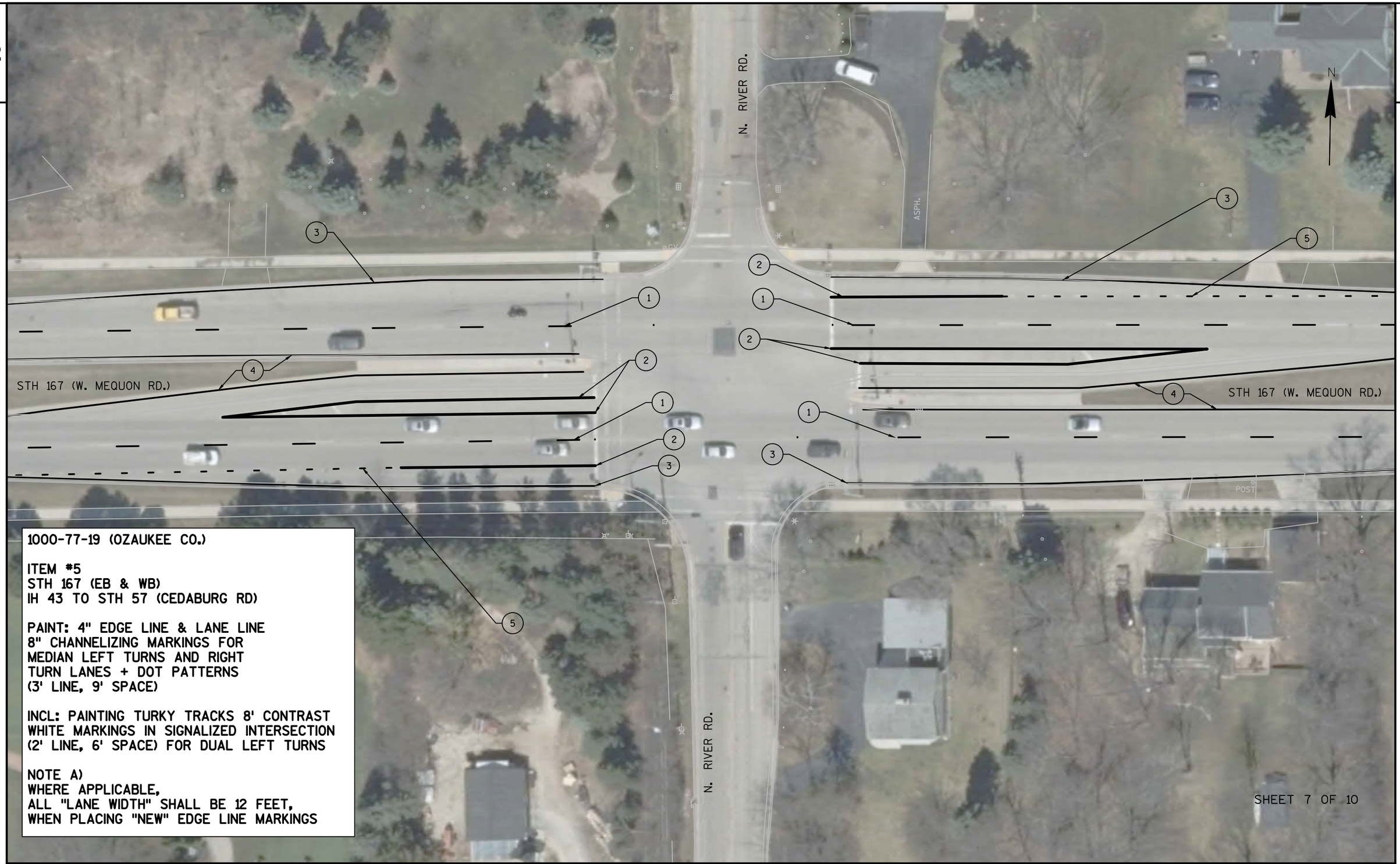
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 6 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 66	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 67	E

2

2

N

N. EASTGATE DR.

STH 167 (W. MEQUON RD.)

STH 167 (W. MEQUON RD.)

N. RIVER TRAIL RD.

SIGN

SIGN

1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

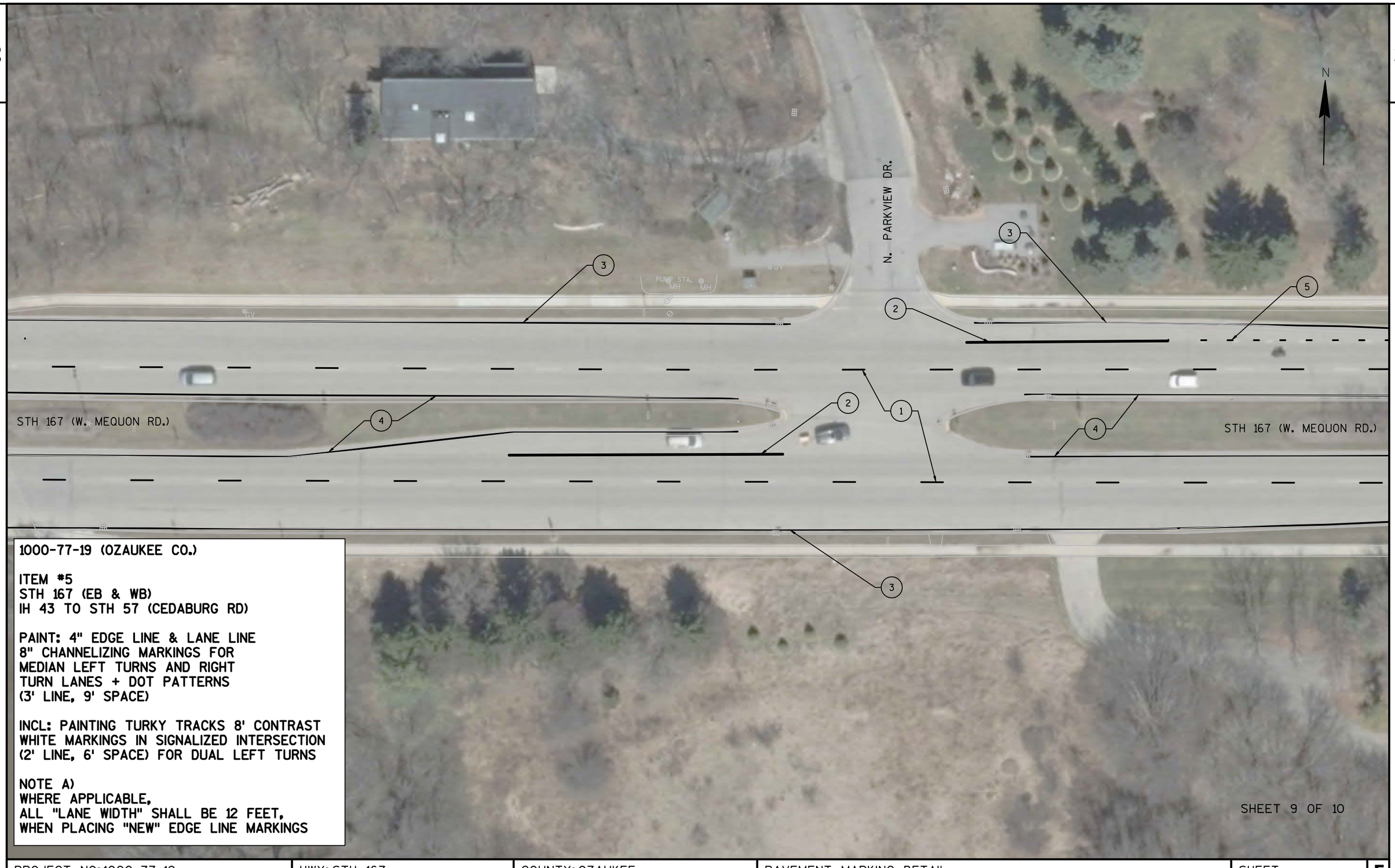
INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 8 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 68	E

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

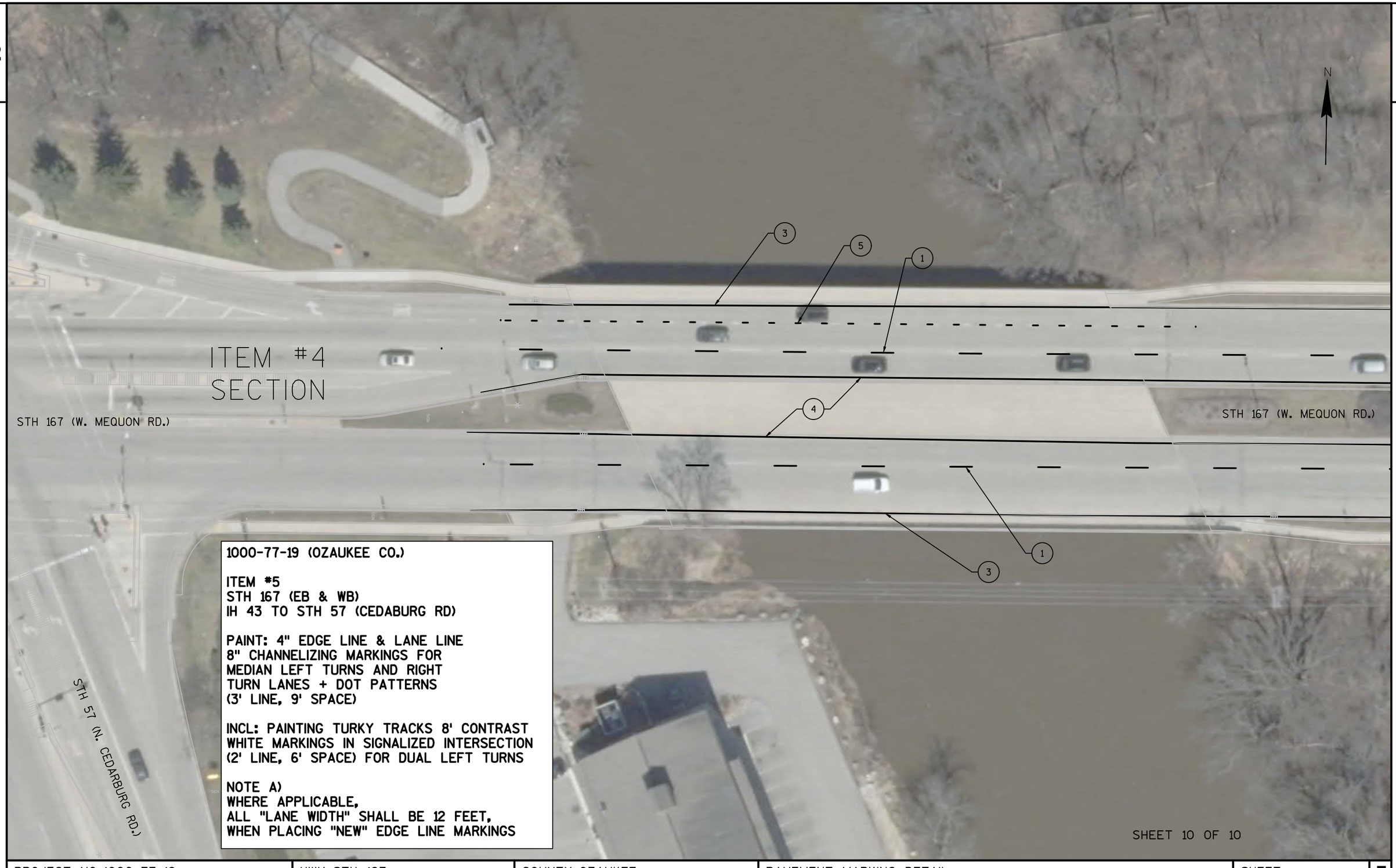
NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 9 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 69	E

2

2



1000-77-19 (OZAUKEE CO.)

ITEM #5
STH 167 (EB & WB)
IH 43 TO STH 57 (CEDABURG RD)

PAINT: 4" EDGE LINE & LANE LINE
8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURNS AND RIGHT
TURN LANES + DOT PATTERNS
(3' LINE, 9' SPACE)

INCL: PAINTING TURKY TRACKS 8' CONTRAST
WHITE MARKINGS IN SIGNALIZED INTERSECTION
(2' LINE, 6' SPACE) FOR DUAL LEFT TURNS

NOTE A)
WHERE APPLICABLE,
ALL "LANE WIDTH" SHALL BE 12 FEET,
WHEN PLACING "NEW" EDGE LINE MARKINGS

SHEET 10 OF 10

PROJECT NO: 1000-77-19	HWY: STH 167	COUNTY: OZAUKEE	PAVEMENT MARKING DETAIL	SHEET 70	E

2



1000-77-19 (WAUK. CO.)

ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.

SHEET 1 OF 7

PROJECT NO:1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-6_PM.DWG
LAYOUT NAME - 024602_ITEM-6_PM
PLOT DATE : 1/17/2019 2:05 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

1000-77-19 (WAUK. CO.)

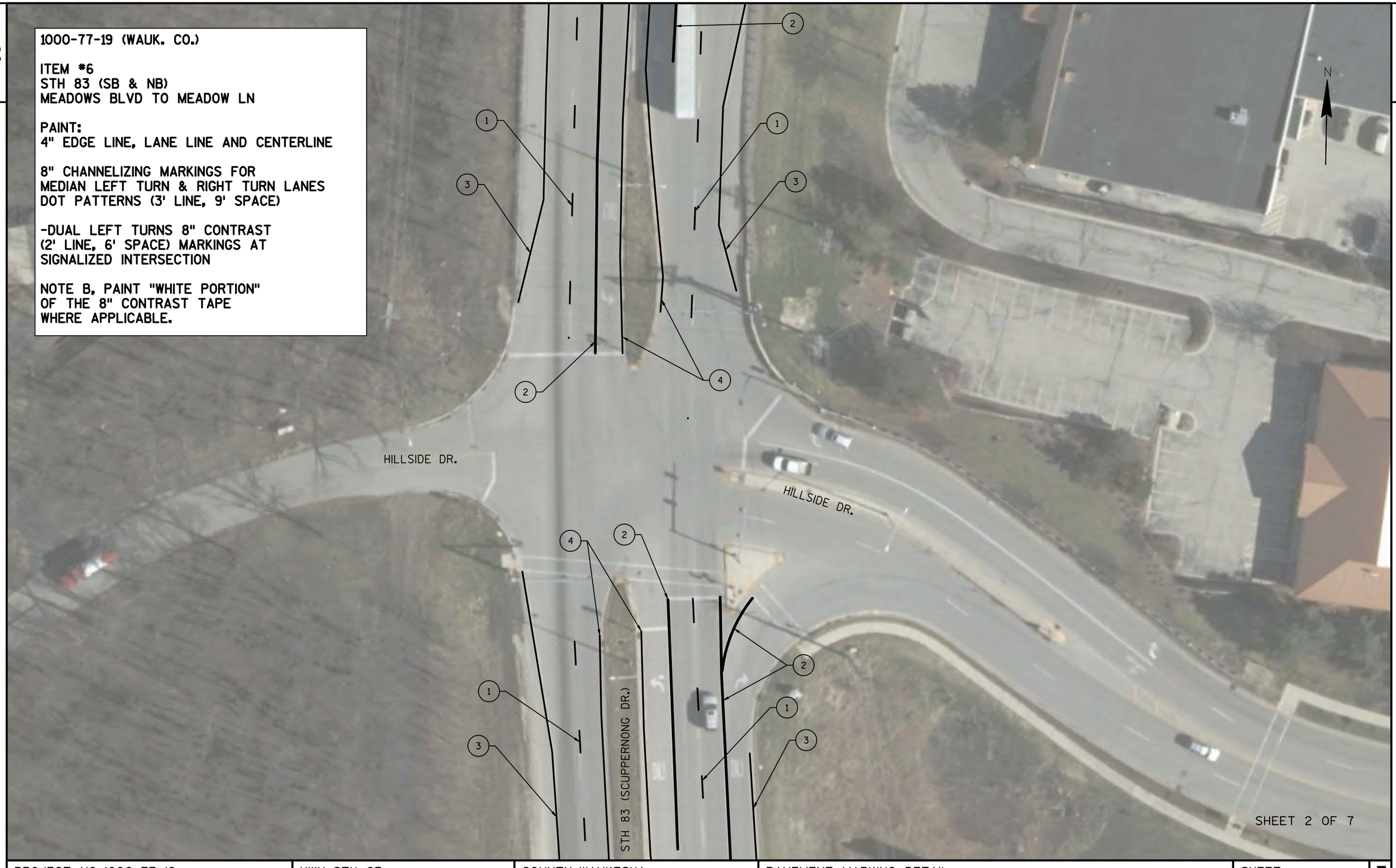
ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.



PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 72	E

1000-77-19 (WAUK. CO.)

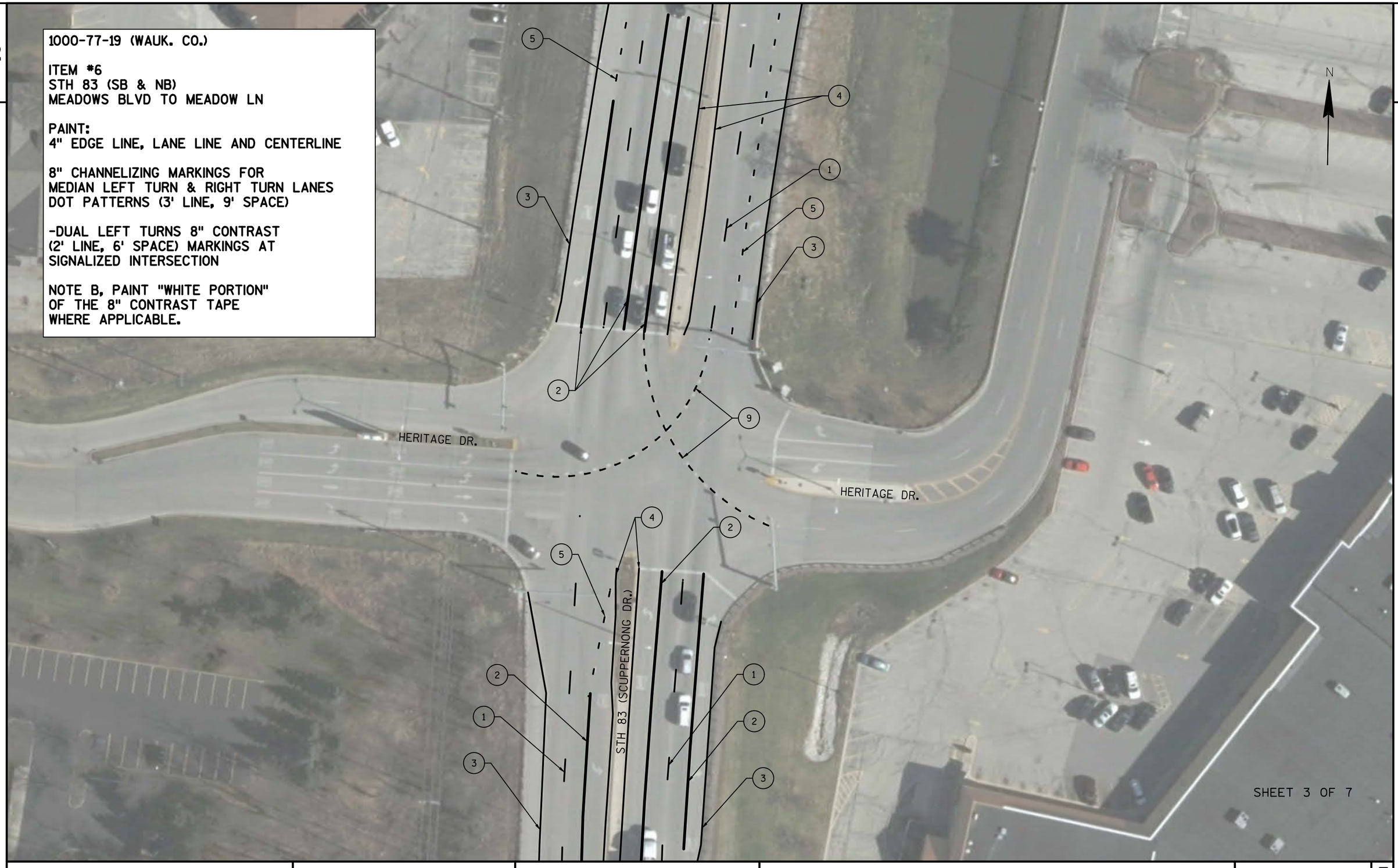
ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.



PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 73	E

2

IH 94 (WB)

IH 94 (EB)

N

OFF RAMP

ON RAMP

STH 83 (SCUPPERNONG DR.)

1000-77-19 (WAUK. CO.)

ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.

SHEET 4 OF 7

PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 74	E

1000-77-19 (WAUK. CO.)

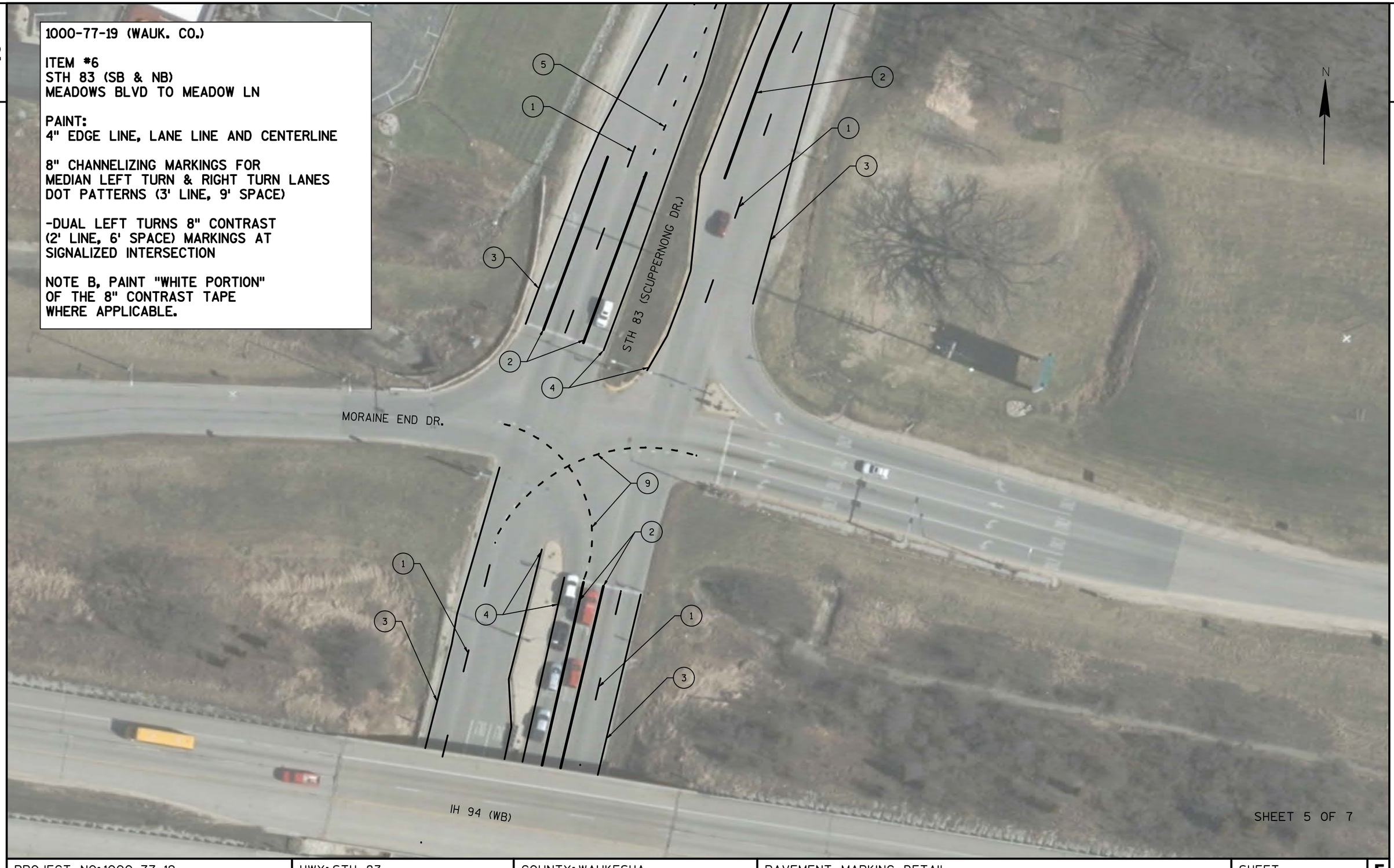
ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.



PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 75	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-6_PM.DWG
LAYOUT NAME - 024602_ITEM-6_PM (5)

PLOT DATE : 1/17/2019 2:05 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

1000-77-19 (WAUK. CO.)

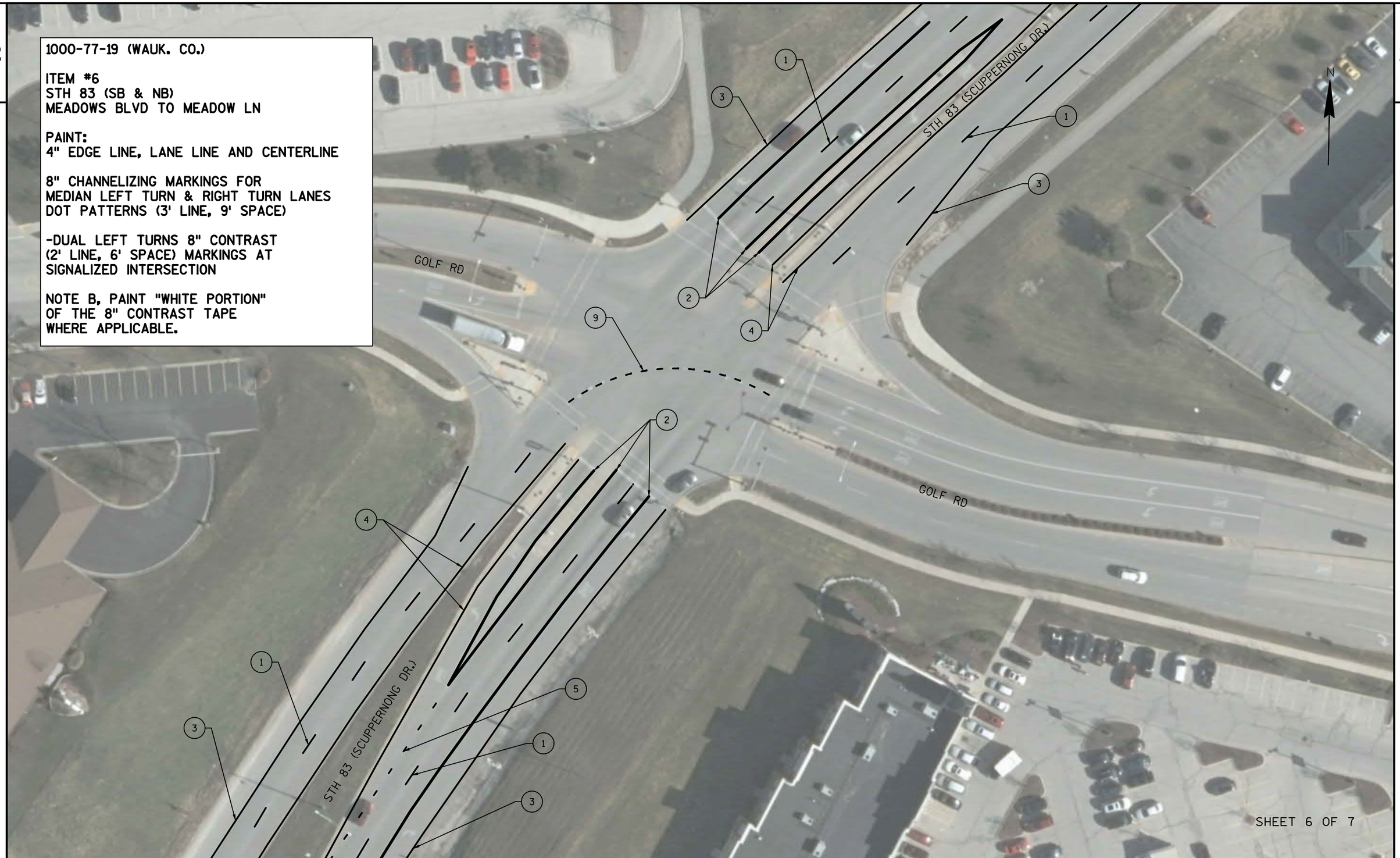
ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.



SHEET 6 OF 7

PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 76	E

2

1000-77-19 (WAUK. CO.)

ITEM #6
STH 83 (SB & NB)
MEADOWS BLVD TO MEADOW LN

PAINT:
4" EDGE LINE, LANE LINE AND CENTERLINE

8" CHANNELIZING MARKINGS FOR
MEDIAN LEFT TURN & RIGHT TURN LANES
DOT PATTERNS (3' LINE, 9' SPACE)

-DUAL LEFT TURNS 8" CONTRAST
(2' LINE, 6' SPACE) MARKINGS AT
SIGNALIZED INTERSECTION

NOTE B, PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
WHERE APPLICABLE.

MEADOW LN.

STH 83 (SCUPPERNONG DR.)

STH 83 (SCUPPERNONG DR.)

N

SHEET 7 OF 7

PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 77	E

ITEM #100

N

DOT PATTERN
WHITE 4"
(3' LINE, 9' SPACES)

GLADHURST LN

STH 67

PROJECT NO: 1000-77-19	HWY: STH 67	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 78 E

2

ITEM #101

N

STH 83

MARKING LINE EPOXY
4-INCH (WHITE)

MARKING DIAGONAL EPOXY
12-INCH (WHITE)

WOLF RUN RD

15'

MARKING STOPLINE EPOXY
18-INCH

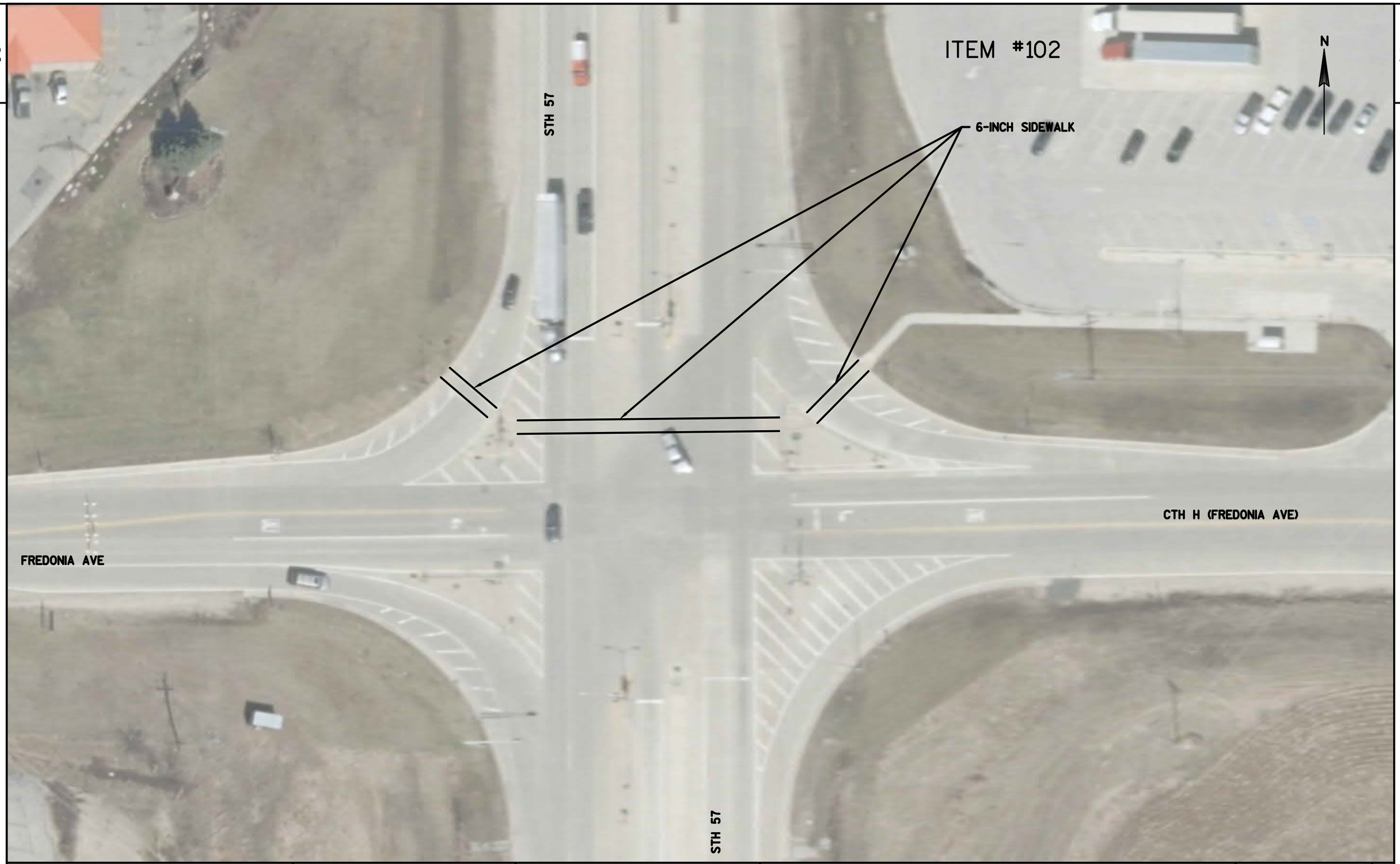
5'

REMOVE STOP BARS

STH 83

PROJECT NO:1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 79	E

2



PROJECT NO: 1000-77-19	HWY: STH 57	COUNTY: OZAUKEE	EPOXY PAVEMENT MARKING	SHEET 80	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-102_PM.DWG
LAYOUT NAME - ****
PLOT DATE : 1/17/2019 12:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

ITEM #103

N

USH 45

TYPE 2 ARROWS

STH 142

STH 142

USH 45

2

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: KENOSHA	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-103_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/17/2019 12:57 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

ITEM #104

N

REFRESH: ALL

6" CROSSWALKS

REFRESH: EACH

8" CONTRAST EPOXY

TURKEY TRACK FOR DUAL LEFT TURNS MARKINGS (TOTAL OF 4)

PROJECT NO: 1000-77-19	HWY: STH 31	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 82	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-104_PM.DWG
LAYOUT NAME - 024501_ITEM-104_PM - 024501_ITEM-104_PM

PLOT DATE : 1/25/2019 7:45 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT



ITEM #105

N

REFRESH:

ALL TYPE 2 ARROWS IN MEDIAN FOR (TWLTL) TWO-WAY LEFT TURN LANE AS SHOWN.

(27 TYPE 2 ARROWS IN TOTAL)

SHEET 1 OF 5

PROJECT NO: 1000-77-19	HWY: STH 50	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 83	E



ITEM #105

N

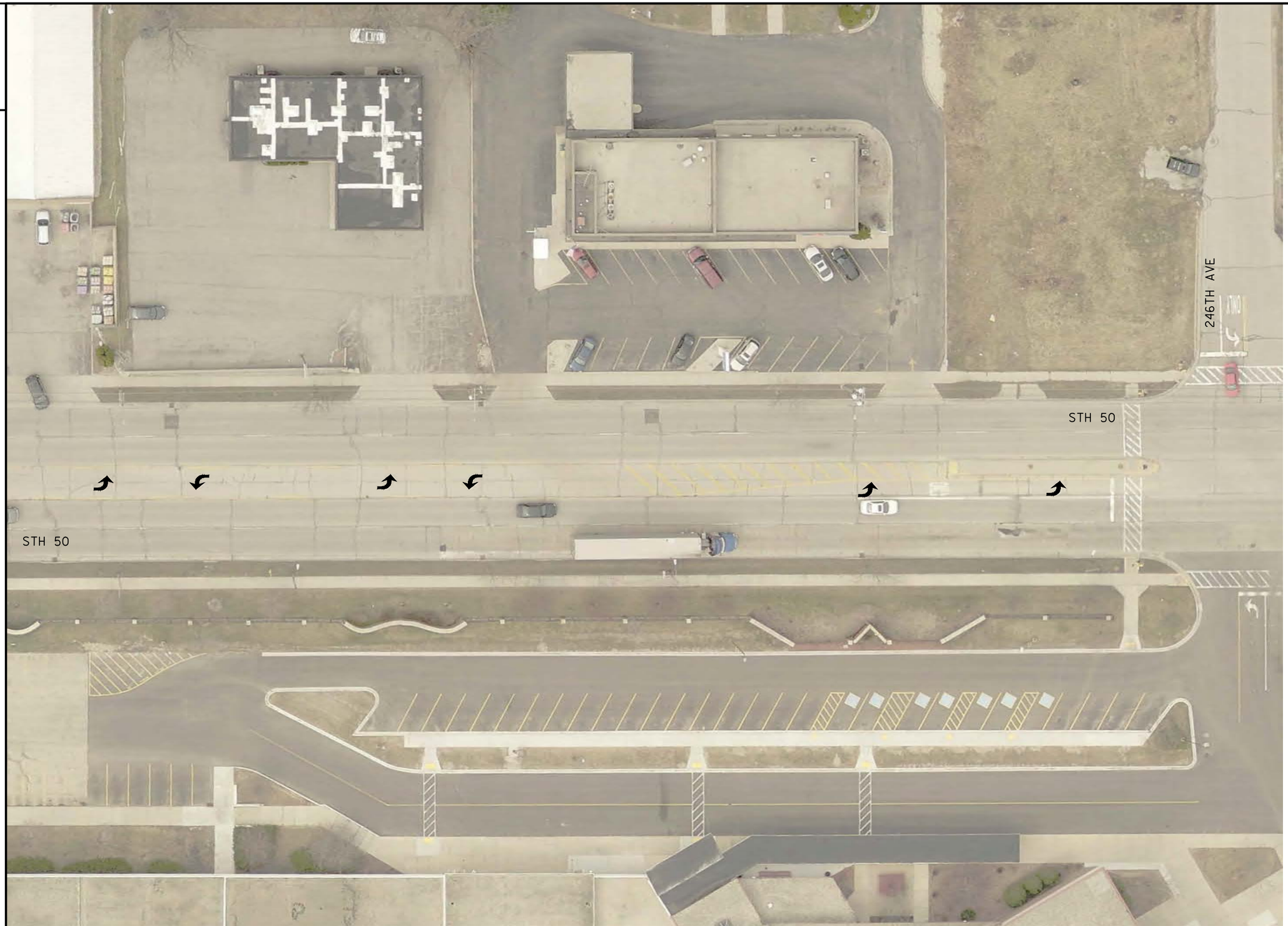
REFRESH:

ALL TYPE 2 ARROWS IN MEDIAN FOR (TWLTL) TWO-WAY LEFT TURN LANE AS SHOWN.

(27 TYPE 2 ARROWS IN TOTAL)

SHEET 2 OF 5

PROJECT NO: 1000-77-19	HWY: STH 50	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 84	E



ITEM #105

N

REFRESH:

ALL TYPE 2 ARROWS IN MEDIAN FOR (TWLTL) TWO-WAY LEFT TURN LANE AS SHOWN.

(27 TYPE 2 ARROWS IN TOTAL)

SHEET 3 OF 5

PROJECT NO: 1000-77-19	HWY: STH 50	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 85 E

2



ITEM #105

N

2

REFRESH:

ALL TYPE 2 ARROWS IN MEDIAN FOR (TWLTL) TWO-WAY LEFT TURN LANE AS SHOWN.

(27 TYPE 2 ARROWS IN TOTAL)

SHEET 4 OF 5

PROJECT NO: 1000-77-19	HWY: STH 50	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 86	E



ITEM #105

N

REFRESH:

ALL TYPE 2 ARROWS IN MEDIAN FOR (TWLTL) TWO-WAY LEFT TURN LANE AS SHOWN.

(27 TYPE 2 ARROWS IN TOTAL)

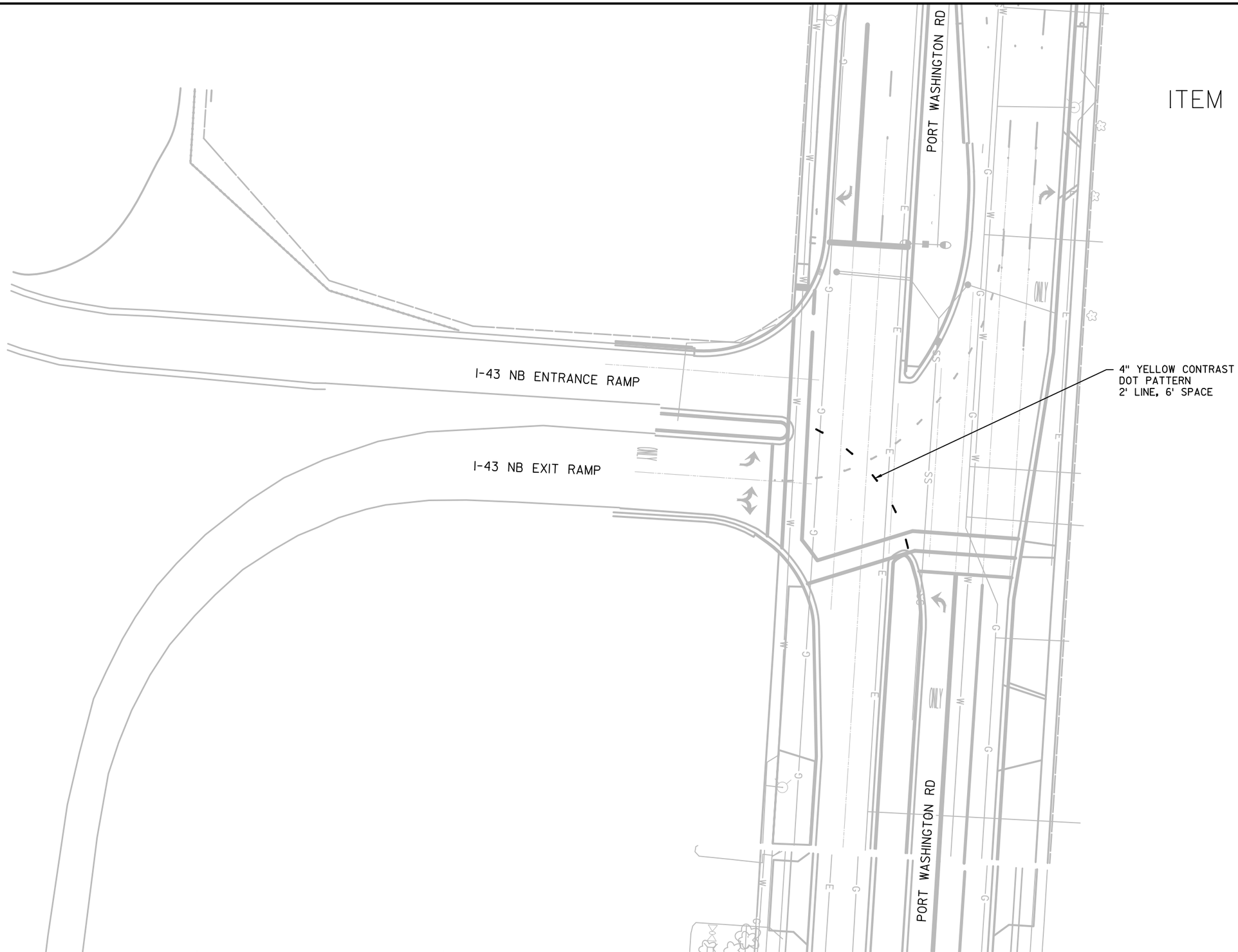
SHEET 5 OF 5

PROJECT NO: 1000-77-19	HWY: STH 50	COUNTY: RACINE	EPOXY PAVEMENT MARKING	SHEET 87	E

2

ITEM #106

N



SHEET 1 OF 16

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 88	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:50 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

ITEM #106

N

JAMES LOVELL ST

IH 43 NB ENTRANCE

IH 43 NB EXIT

N 6TH ST

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

KILBOURN AVENUE

ONLY ONLY ONLY ONLY

N 6TH ST

ONLY ONLY

SHEET 2 OF 16

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:50 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ITEM #106

N

S. 9TH ST.

MINERAL ST.

I-94 SB EXIT

I-94 SB ENTRANCE

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

S. 9TH ST.

SHEET 3 OF 16

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:50 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ITEM #106

N

S. 9TH ST.

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

I-94 NB EXIT

I-94 NB ENTRANCE

WALKER ST.

S. 9TH ST.

SHEET 4 OF 16

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 91	E

2

2

ITEM #106

N

S. 6TH ST.

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

I-94 NB ENTRANCE

I-94 NB EXIT

MINERAL ST.

S. 6TH ST.

SHEET 5 OF 16

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM
PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

HOWARD AVE.

HOWARD AVE.

I-94 SB ENTRANCE

I-94 SB EXIT

SHEET 6 OF 16

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

ITEM #106

N

25TH STREET

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

CLYBOURN ST

HOWARD AVE.

I-94 WB EXIT

I-94

25TH STREET

SHEET 7 OF 16

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

ITEM #106



SHEET 8 OF 16

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

HAWLEY RD

I-94 WB ENTRANCE

I-94 WB EXIT

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

SHEET 9 OF 16

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

ITEM #106

N

ALOIS STREET

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

USH 41 SB EXIT

USH 41 SB ENTRANCE

ALOIS STREET

SHEET 10 OF 16

PROJECT NO: 1000-77-19	HWY: USH 41	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

ITEM #106

N

8" WHITE CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

FREDERICK MILLER WAY

FREDERICK MILLER WAY

ONLY

ONLY

GOLF ONLY

USH 41 NB ENTRANCE

USH 41 NB EXIT

SHEET 11 OF 16

PROJECT NO: 1000-77-19	HWY: USH 41	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

ITEM #106

N

8" WHITE CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

FREDERICK MILLER WAY

FREDERICK MILLER WAY

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

USH 41 SB ENTRANCE

USH 41 SB EXIT

ONLY

ONLY

SHEET 12 OF 16

PROJECT NO: 1000-77-19	HWY: USH 41	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

NB ENTRANCE RAMP

NB RAMP EXIT

46TH ST

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

MARTIN DR

SHEET 13 OF 18

PROJECT NO: 1000-77-19	HWY: USH 41	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 100	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

BELOIT ROAD

USH 45 NB EXIT RAMP

USH 45 NB ENTRANCE RAMP

SHEET 14 OF 16

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 101	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

FOND DU LAC AVE

STH 145 SB EXIT

STH 145 SB ENTRANCE

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

SHEET 15 OF 16

PROJECT NO: 1000-77-19	HWY: STH 145	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 102	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:51 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #106

N

4" YELLOW CONTRAST
DOT PATTERN
2' LINE, 6' SPACE

FOND DU LAC AVE

STH 145 SB EXIT

STH 145 SB ENTRANCE

SHEET 16 OF 16

PROJECT NO: 1000-77-19	HWY: STH 145	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-106_PM.DWG
LAYOUT NAME - 024501_TEM-106_PM

PLOT DATE : 1/25/2019 7:52 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

ITEM #107

N

C7TH NW

115'

230'

STH 83

STH 83

ADD MARKING TYPE 5 ARROW EPOXY

END OF LANE LINE

CTH NW

SHEET 1 OF 1

PROJECT NO: 1000-77-19	HWY: STH 83	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 104	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-107_PM.DWG
LAYOUT NAME - ITEM 107

PLOT DATE : 1/17/2019 1:15 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

ITEM #108

N

STH 794 AT LAYTON AVE

LAKE PKWY

E. LAYTON AVE

E. LAYTON AVE

ADD 18" STOP BAR

MOVE STOP BAR BACK
10 FEET TO THE WEST
FOR EB LAYTON AVE

REMOVE STOP BAR

LAKE PKWY

SHEET 1 OF 1

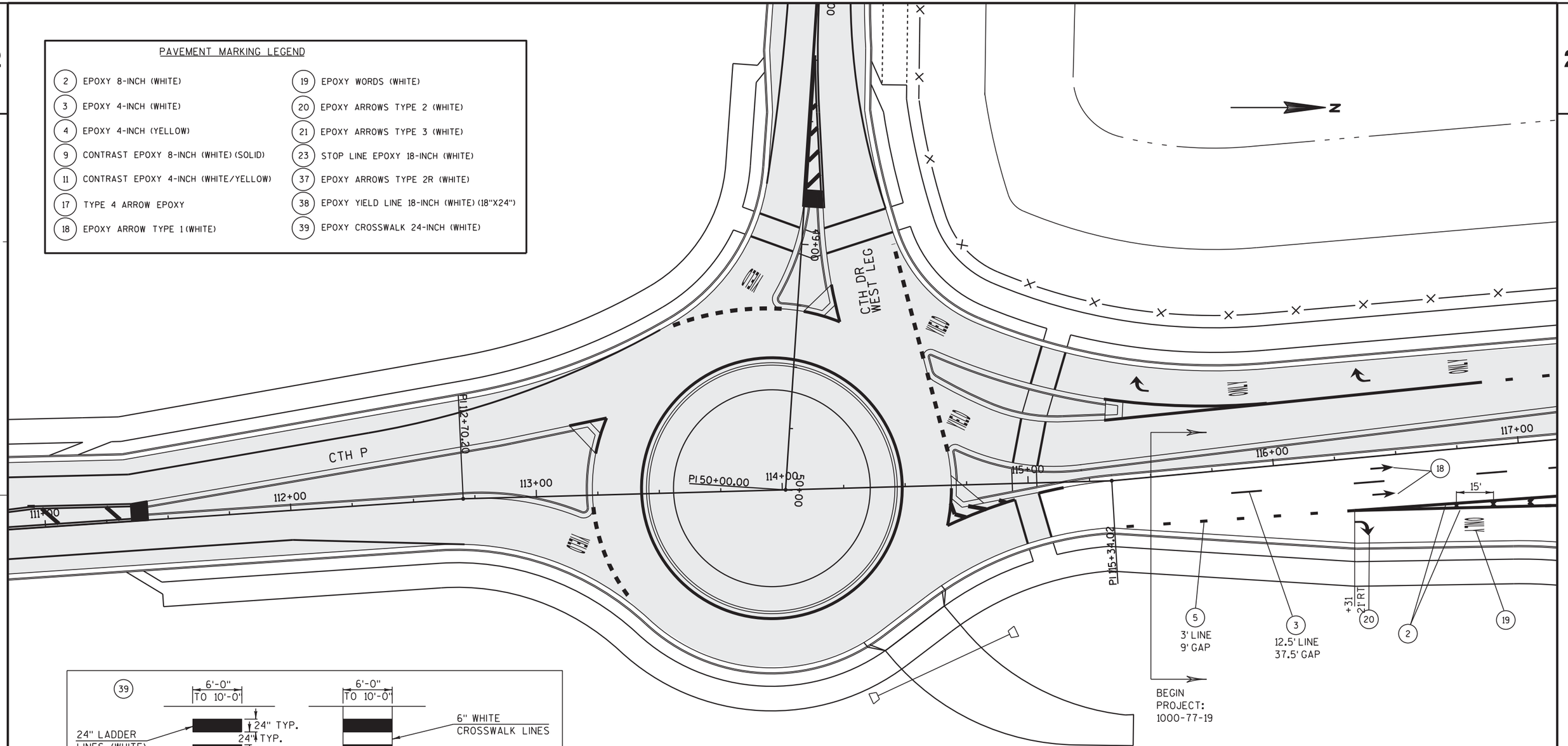
PROJECT NO: 1000-77-19	HWY: STH 794	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 105	E

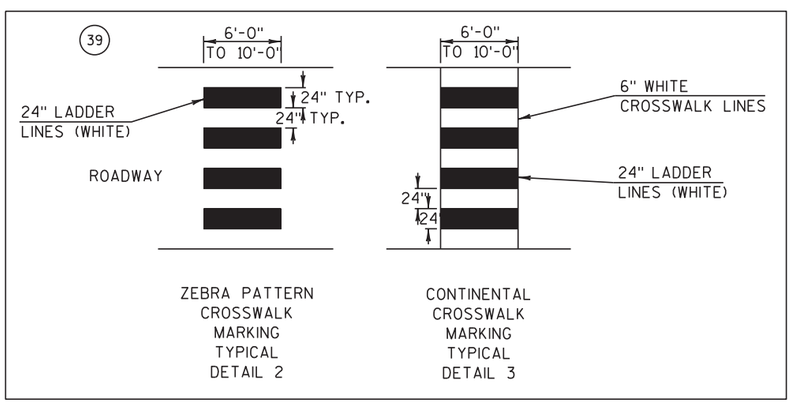
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024501_ITEM-108_PM.DWG
LAYOUT NAME - 024501_ITEM-108_PM

PLOT DATE : 1/17/2019 1:17 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)





INFORMATION ONLY
ITEM #400

NOTE: PAINT ONLY "WHITE" PORTION
ON 8" CONTRAST TAPE

SHEET 1 OF 21

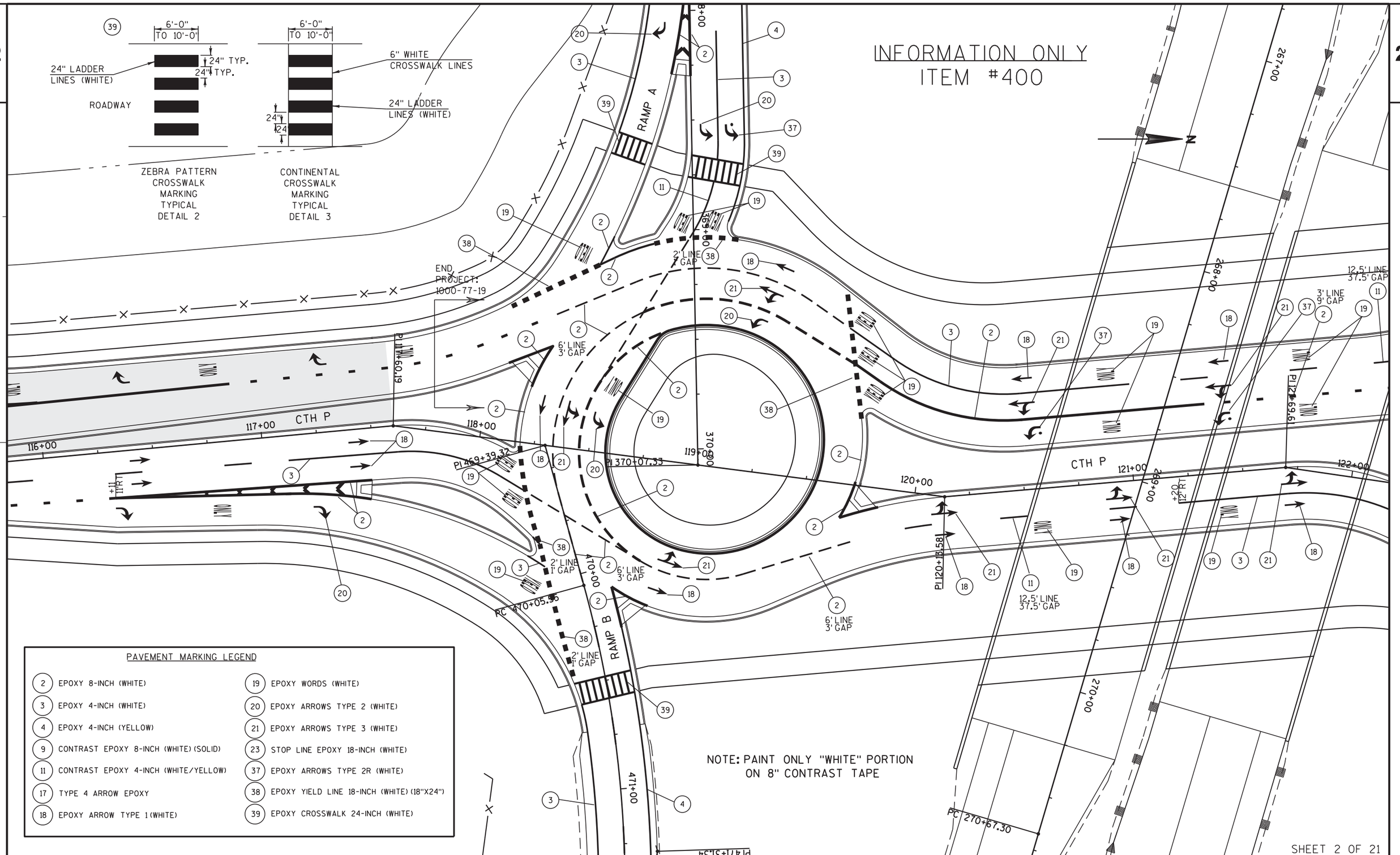
PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 106	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024525_pm.DGN PLOT DATE : 30-NOV-2018 11:27 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2

INFORMATION ONLY
ITEM #400



PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 107	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024526_pm.DGN PLOT DATE : 30-NOV-2018 11:28 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1
WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

INFORMATION ONLY
ITEM #400

RAMP C
CTH P
PC 566+47.66
PT 566+47.66
PI 567+09.12
567+00
PT 567+65.17
6' LINE 3' GAP
2' LINE 1' GAP
3' LINE 9' GAP
1' LINE 4' GAP
PI 569+69.61
121+00
122+00
123+00
269+00
270+00
PI 667+94.62
ONLY
PC 669+87.97
669+00
PI 668+93.97
PC 668+75.83
PT 669+10.55
PC 125+03.51
PT 125+59.56
568+00
125+00
126+00
127+00
PI 126+26.65
PI 124+82.20
PI 568+51.37
104+00
PI 808+74.80
808+00
809+00
810+00
PT 810+25.14

SHEET 3 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 108	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024527_pm.DGN PLOT DATE : 28-NOV-2018 08:19 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

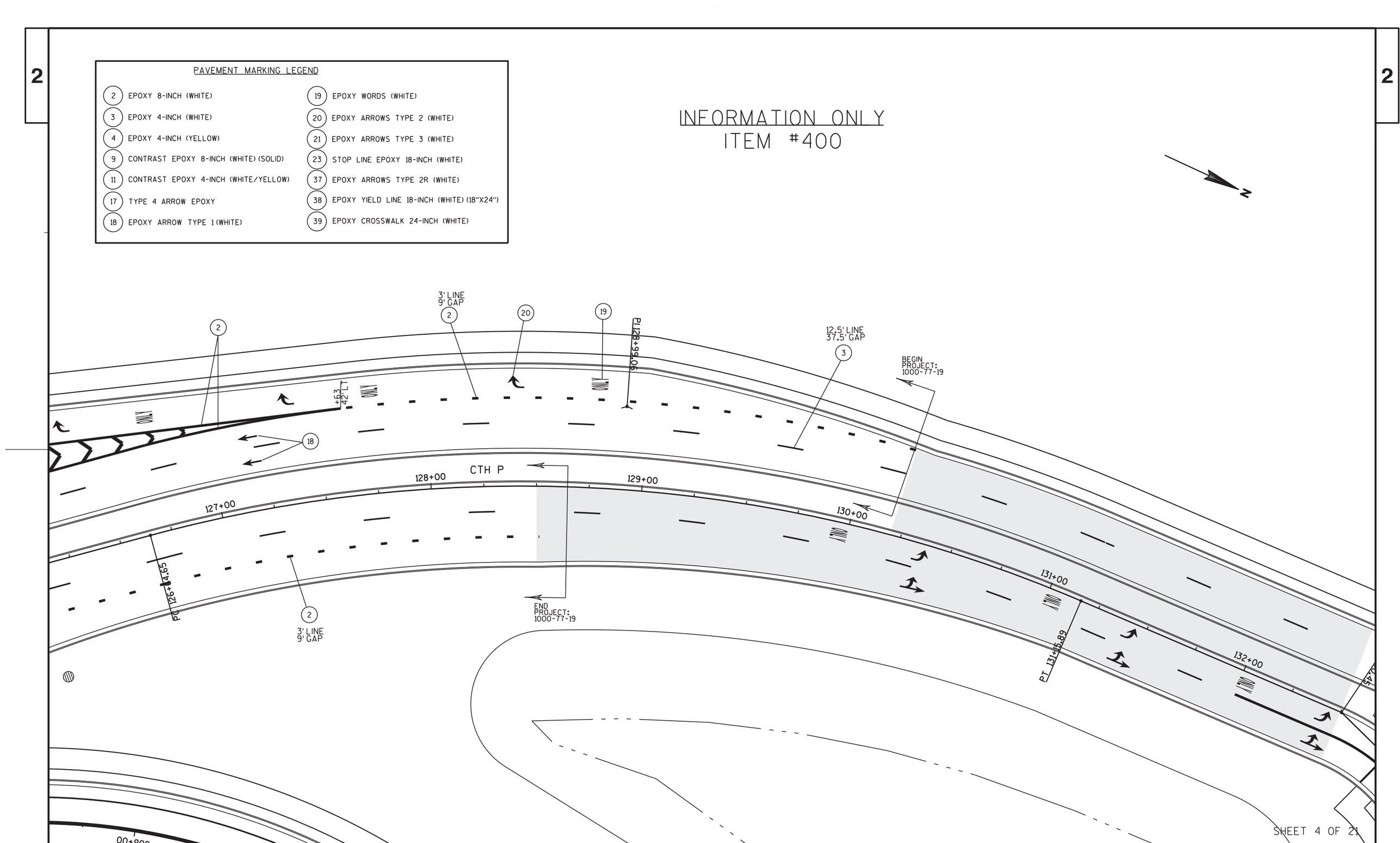
2

2

PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

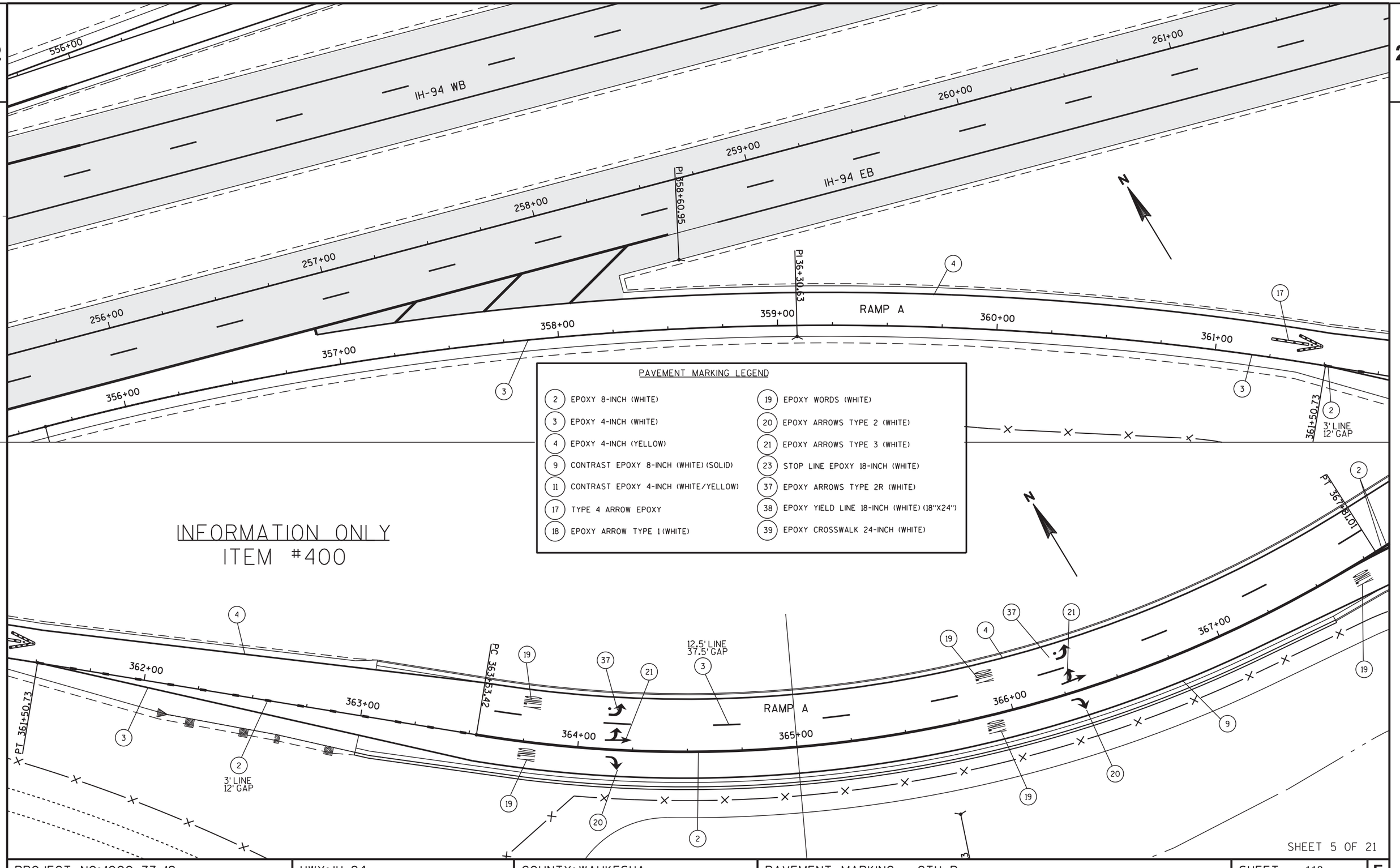
INFORMATION ONLY
ITEM #400



SHEET 4 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 109	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024528_pm.DGN PLOT DATE : 30-NOV-2018 11:30 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1



PAVEMENT MARKING LEGEND

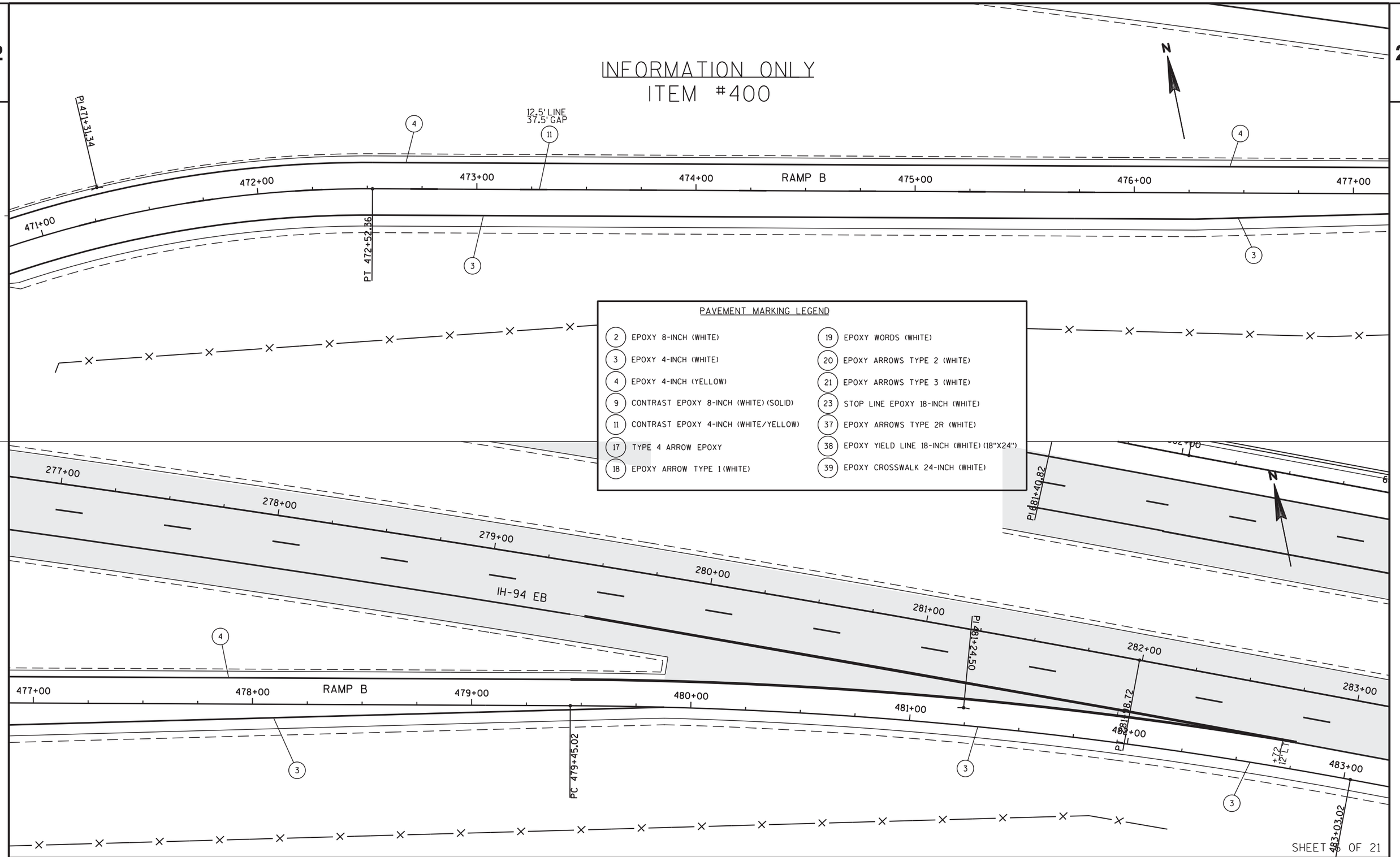
2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

INFORMATION ONLY
ITEM #400

SHEET 5 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 110	E

INFORMATION ONLY
ITEM #400



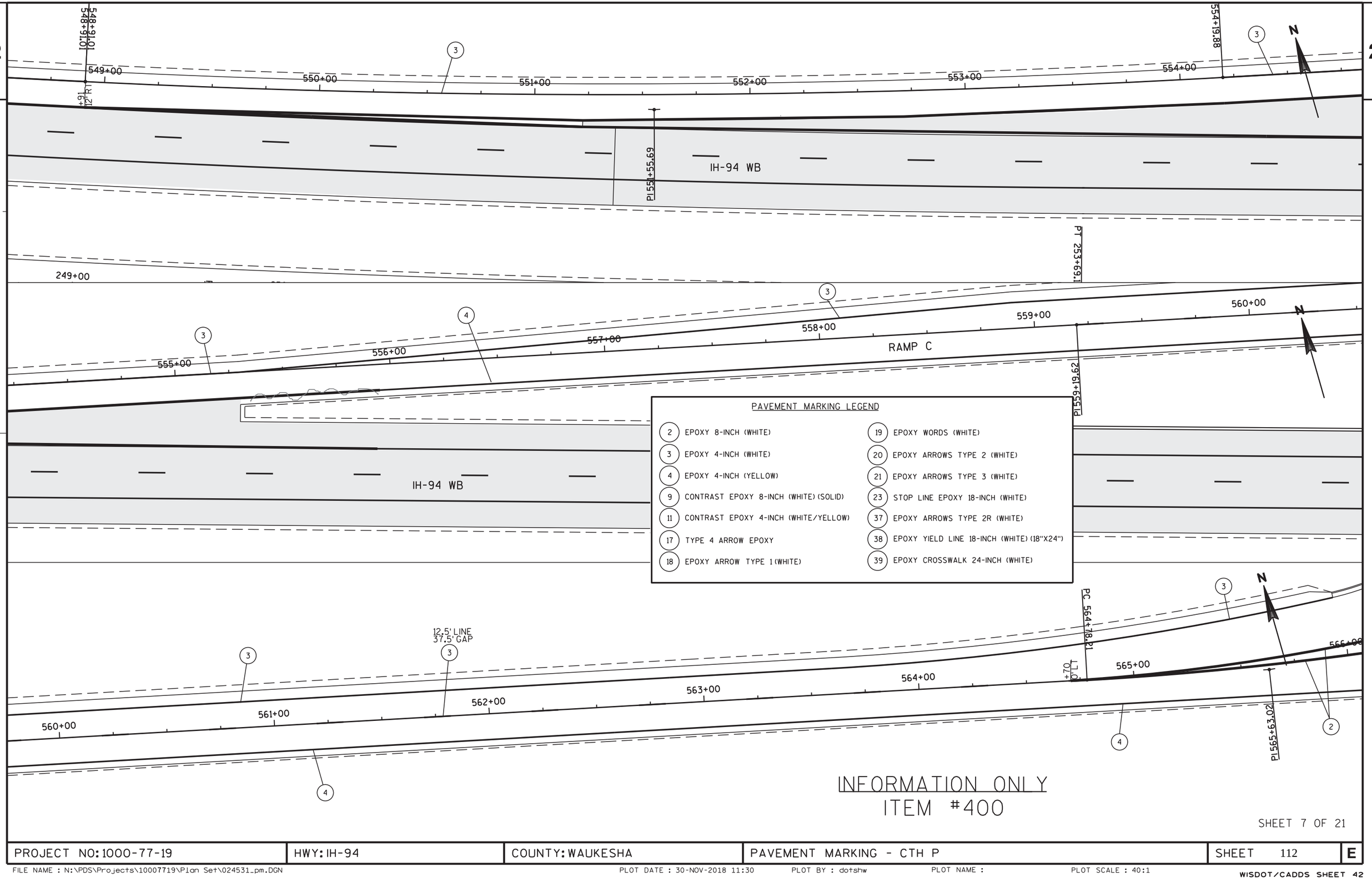
PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 111	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024530_pm.DGN PLOT DATE : 30-NOV-2018 11:30 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42



INFORMATION ONLY
ITEM #400

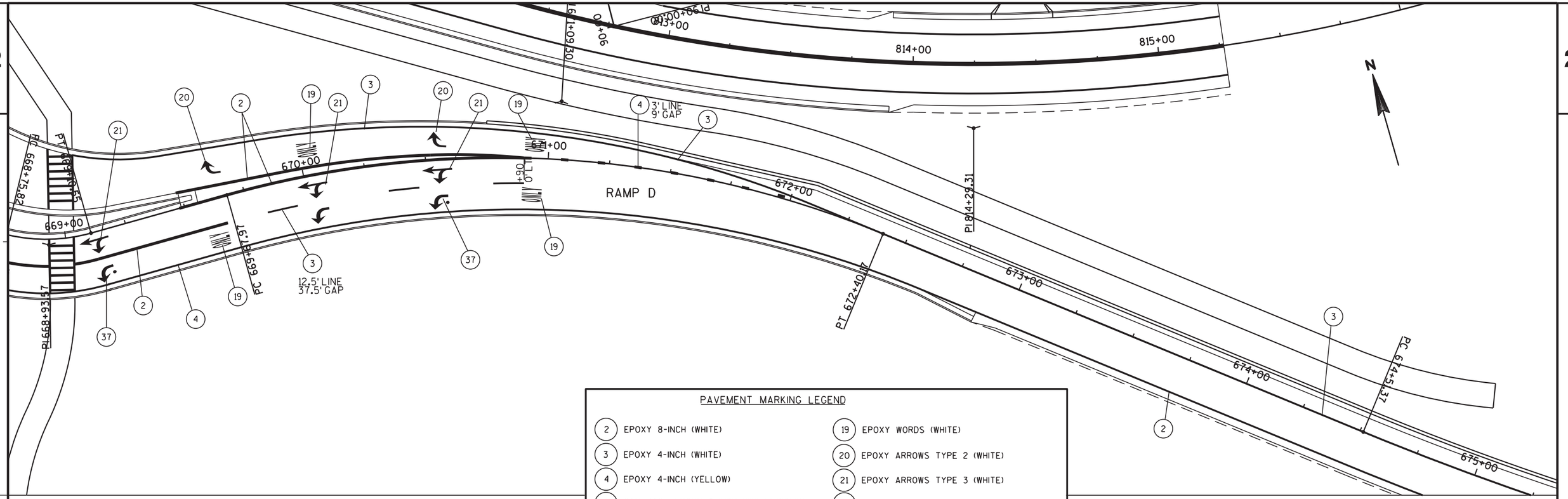
SHEET 7 OF 21

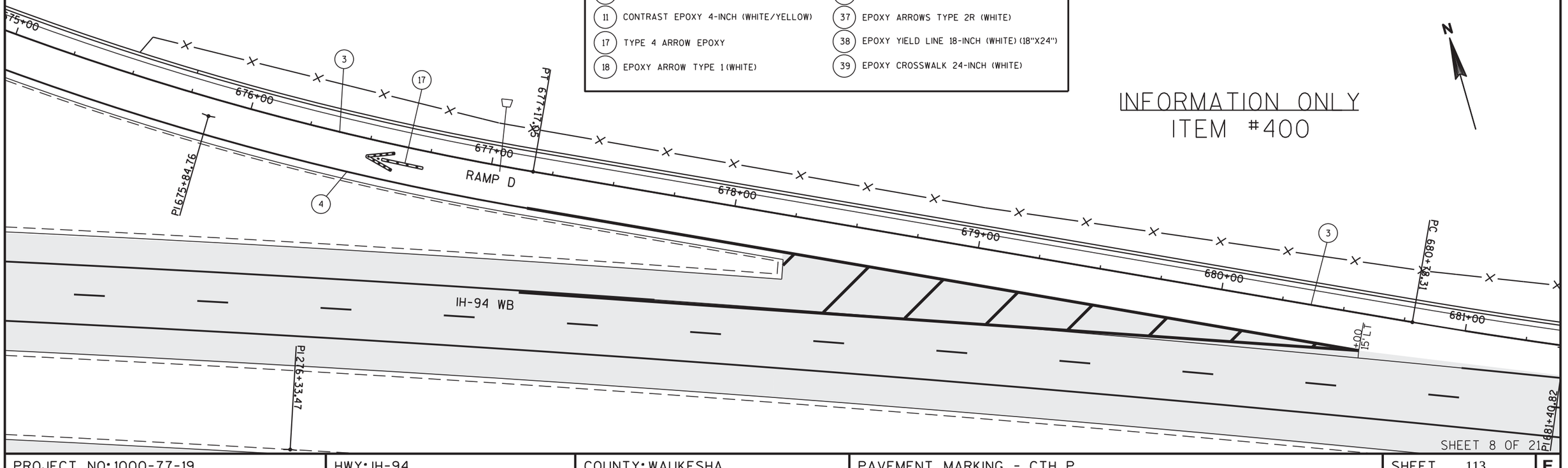
PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 112	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024531_pm.DGN PLOT DATE : 30-NOV-2018 11:30 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2





PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	19	EPOXY WORDS (WHITE)
3	EPOXY 4-INCH (WHITE)	20	EPOXY ARROWS TYPE 2 (WHITE)
4	EPOXY 4-INCH (YELLOW)	21	EPOXY ARROWS TYPE 3 (WHITE)
9	CONTRAST EPOXY 8-INCH (WHITE) (SOLID)	23	STOP LINE EPOXY 18-INCH (WHITE)
11	CONTRAST EPOXY 4-INCH (WHITE/YELLOW)	37	EPOXY ARROWS TYPE 2R (WHITE)
17	TYPE 4 ARROW EPOXY	38	EPOXY YIELD LINE 18-INCH (WHITE) (18"X24")
18	EPOXY ARROW TYPE 1 (WHITE)	39	EPOXY CROSSWALK 24-INCH (WHITE)

INFORMATION ONLY
ITEM #400

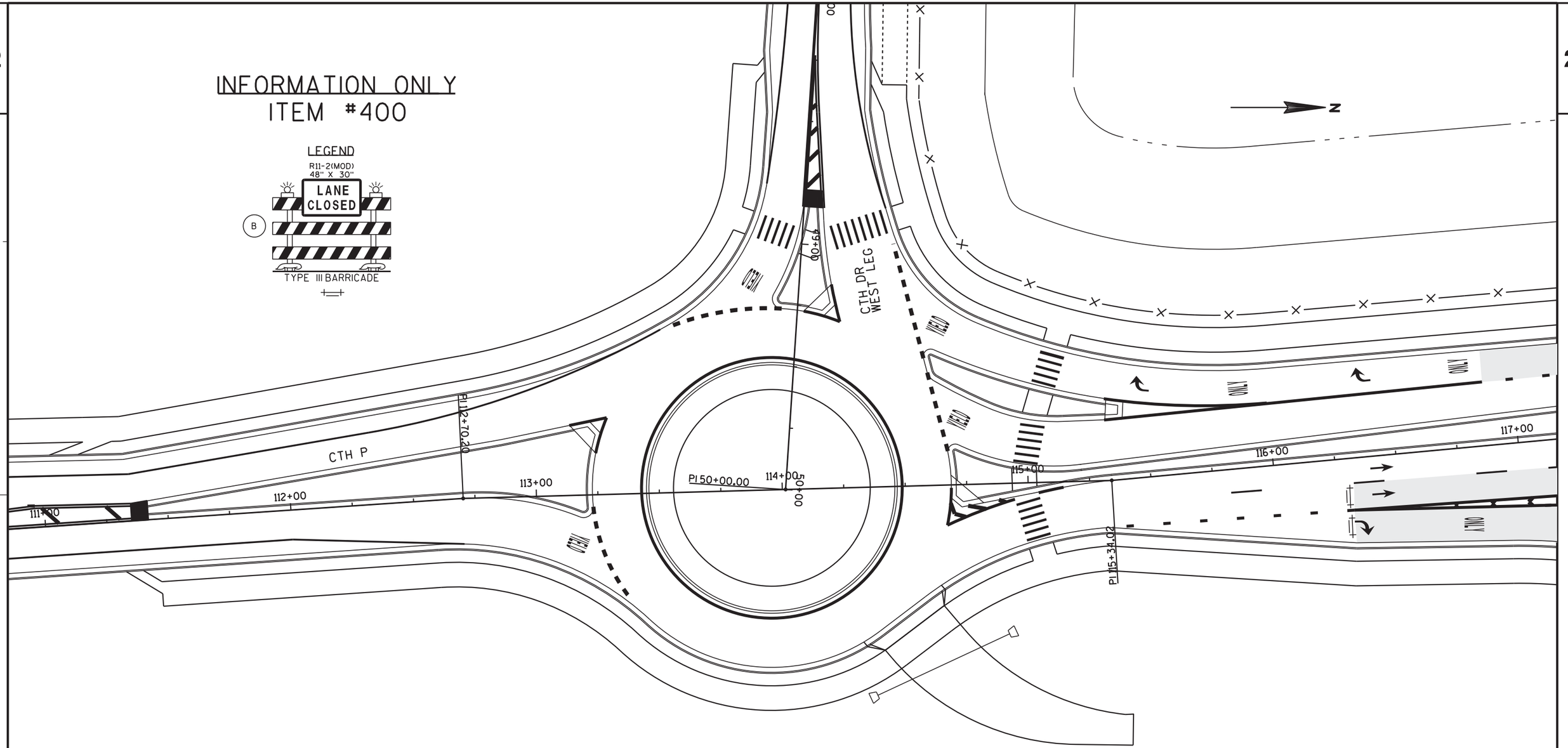
SHEET 8 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	PAVEMENT MARKING - CTH P	SHEET 113	E

2

INFORMATION ONLY
ITEM #400

LEGEND



TRAFFIC CONTROL
STAGE [A] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 114	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024533_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1
WISDOT/CADDS SHEET 42

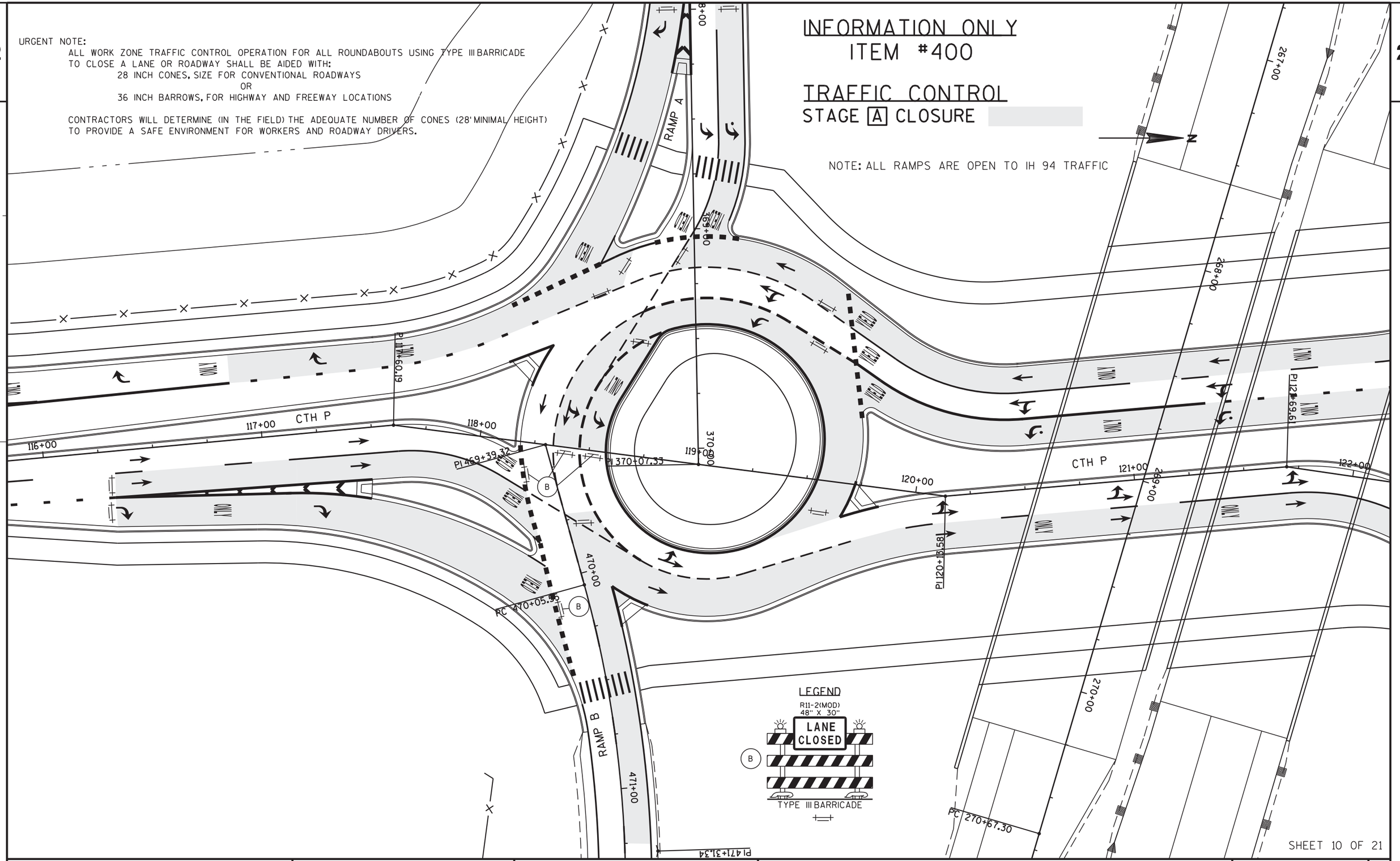
URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

INFORMATION ONLY
ITEM #400

TRAFFIC CONTROL
STAGE [A] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC



SHEET 10 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 115	E

LEGEND

R11-2(MOD)
48" X 30"
LANE CLOSED

TYPE III BARRICADE

INFORMATION ONLY
ITEM #400

N

RAMP C

PC 566+47.66
PT 566+47.66

PI 567+09.12

PT 567+65.77

CTH P

PI 668+99.61

PC 669+87.97

PI 667+94.62

PC 124+03.51

PI 568+51.24

PT 125+59.35

PI 808+74.80

PT 126+27.65

PI 124+82.80

PT 809+10.55

PC 668+75.82

PT 810+25.14

TRAFFIC CONTROL
STAGE A CLOSURE

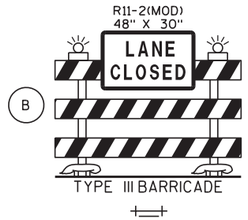
NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

SHEET 11 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 116	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024535_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

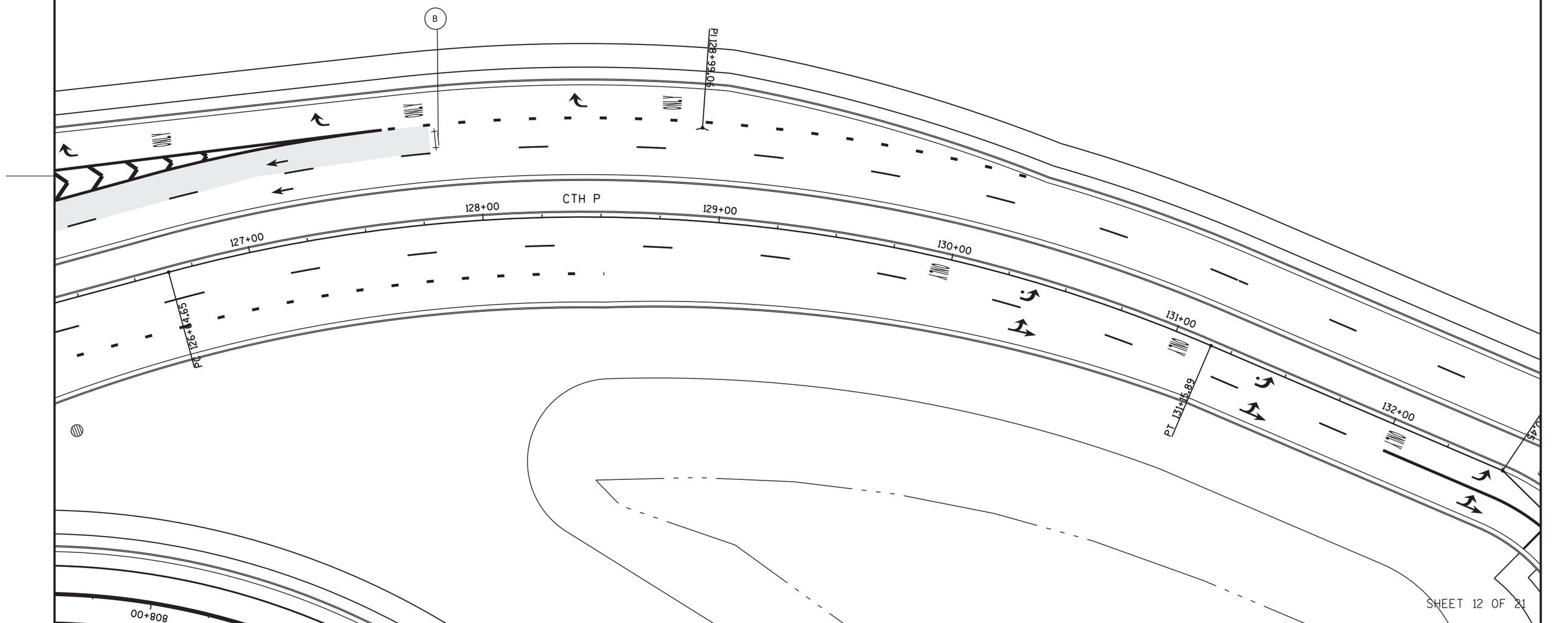
LEGEND



INFORMATION ONLY
ITEM #400

TRAFFIC CONTROL
STAGE [A] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC



SHEET 12 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 117	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024536_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

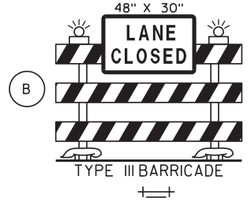
TRAFFIC CONTROL
STAGE [A] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

INFORMATION ONLY
ITEM #400

LEGEND

R11-2(MOD)
48" X 30"



TYPE III BARRICADE

SHEET 13 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 118	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024537_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

548+91.01

549+00

550+00

551+00

552+00

553+00

554+00

554+19.88

N

PI 551+55.69

IH-94 WB

PT 253+69.1

249+00

555+00

556+00

557+00

558+00

559+00

560+00

RAMP C

PI 559+19.82

N

IH-94 WB

LEGEND

R11-2(MOD)
48" X 30"

LANE CLOSED

B

TYPE III BARRICADE

N

PC 564+78.21

560+00

561+00

562+00

RAMP C

563+00

564+00

565+00

566+00

B

PI 565+63.02

TRAFFIC CONTROL

STAGE A CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

INFORMATION ONLY

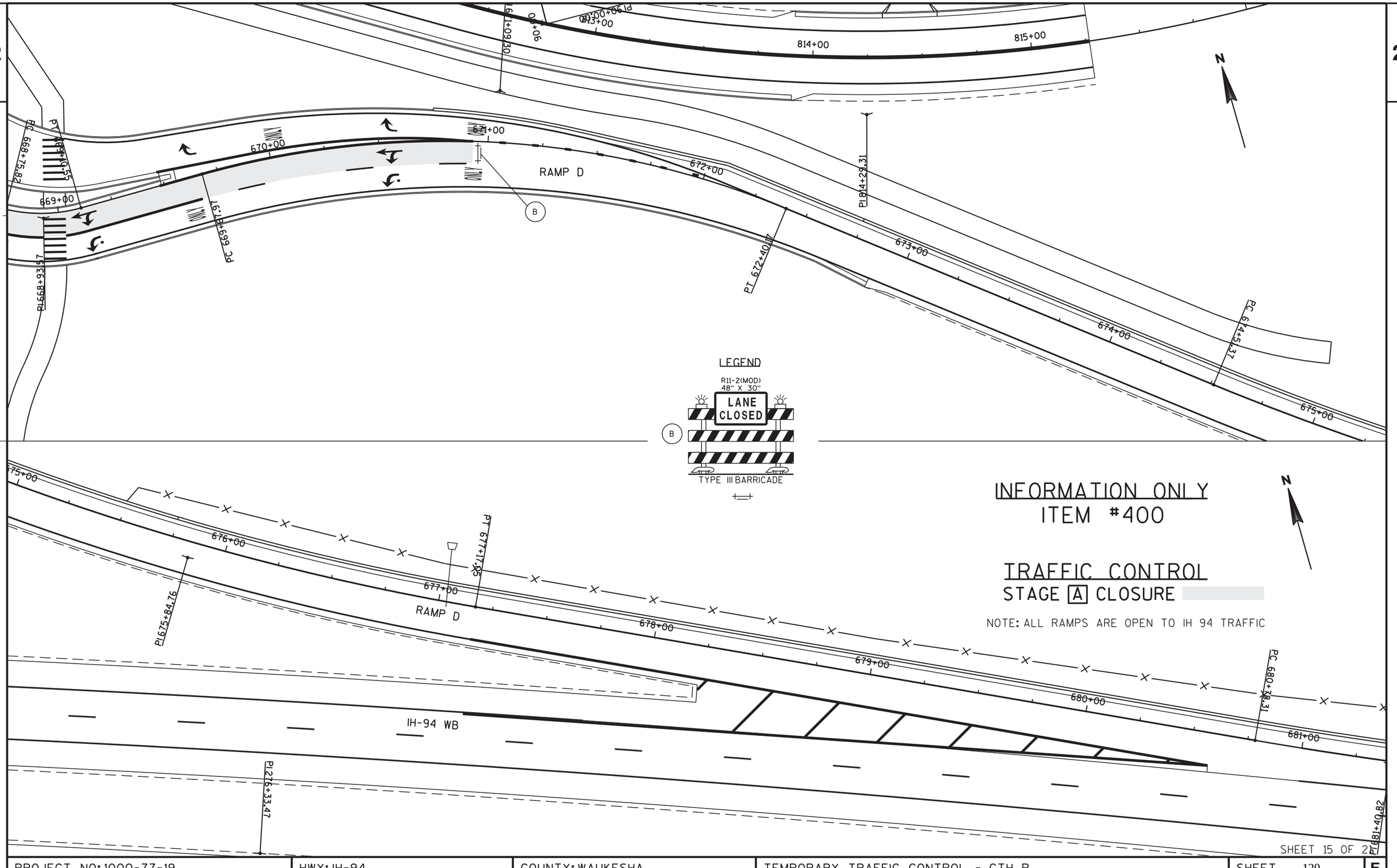
ITEM #400

SHEET 14 OF 21

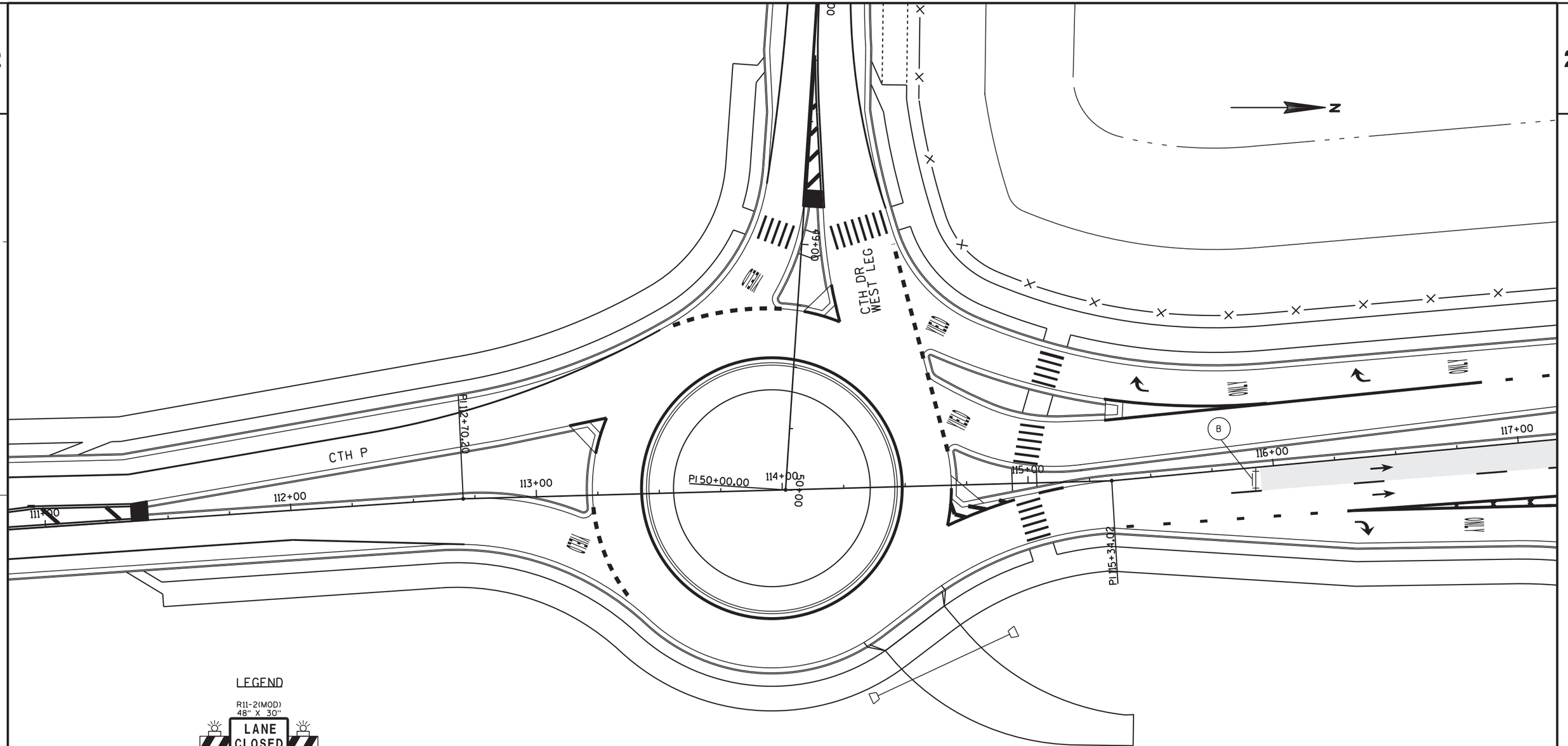
PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 119	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024538_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

2


668+75.82
669+10.55
669+48.97
PC 669+48.97
PI 668+93.57
669+00
670+00
671+00
RAMP D
B
672+00
PT 672+40.17
PI 814+29.31
673+00
674+00
PC 674+51.37
675+00
814+00
815+00
N
LEGEND
R11-2(MOD)
48" X 30"
LANE
CLOSED
TYPE III BARRICADE
675+00
PI 675+84.76
676+00
677+00
RAMP D
PT 677+17.95
678+00
679+00
680+00
PC 680+78.31
681+00
IH-94 WB
PI 276+33.47
PT 681+40.82
N
INFORMATION ONLY
ITEM #400
TRAFFIC CONTROL
STAGE A CLOSURE
NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

2



LEGEND



INFORMATION ONLY
ITEM #400

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

TRAFFIC CONTROL
STAGE [B] CLOSURE

URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 121	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024540_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL
STAGE [B] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

INFORMATION ONLY
ITEM #400

2

RAMP A
RAMP B
CTH P
116+00
117+00
118+00
119+00
120+00
121+00
122+00
PI 469+39.32
PI 370+07.33
PI 120+13.58
PI 121+69.19
PC 470+05.95
PC 270+67.30
368+00
369+00
370+00
470+00
471+00
267+00
269+00
270+00
N

LEGEND

R11-2(MOD)
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SHEET 17 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 122	E

2

LEGEND

R11-2(MOD)
48" X 30"

LANE CLOSED

B

TYPE III BARRICADE

N

INFORMATION ONLY
ITEM #400

RAMP C

PC 566+47.66

PT 566+47.66

PI 567+09.12

PT 567+65.77

567+00

CTH P

126+00

PT 125+59.35

PC 126+27.65

PI 808+74.80

127+00

125+00

568+00

PC 124+03.51

PI 668+51.34

669+00

PI 124+82.80

808+00

809+00

810+00

PT 810+25.14

267+00

268+00

269+00

270+00

121+00

122+00

123+00

PI 124+69.61

PI 667+94.62

PI 668+93.97

PC 668+75.82

PT 669+10.55

VIELD

ONLY

PC 669+87.97

TRAFFIC CONTROL
STAGE [B] CLOSURE

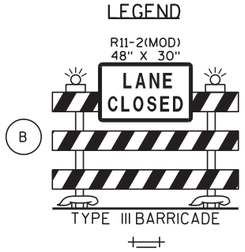
NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

SHEET 18 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 123	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024542_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

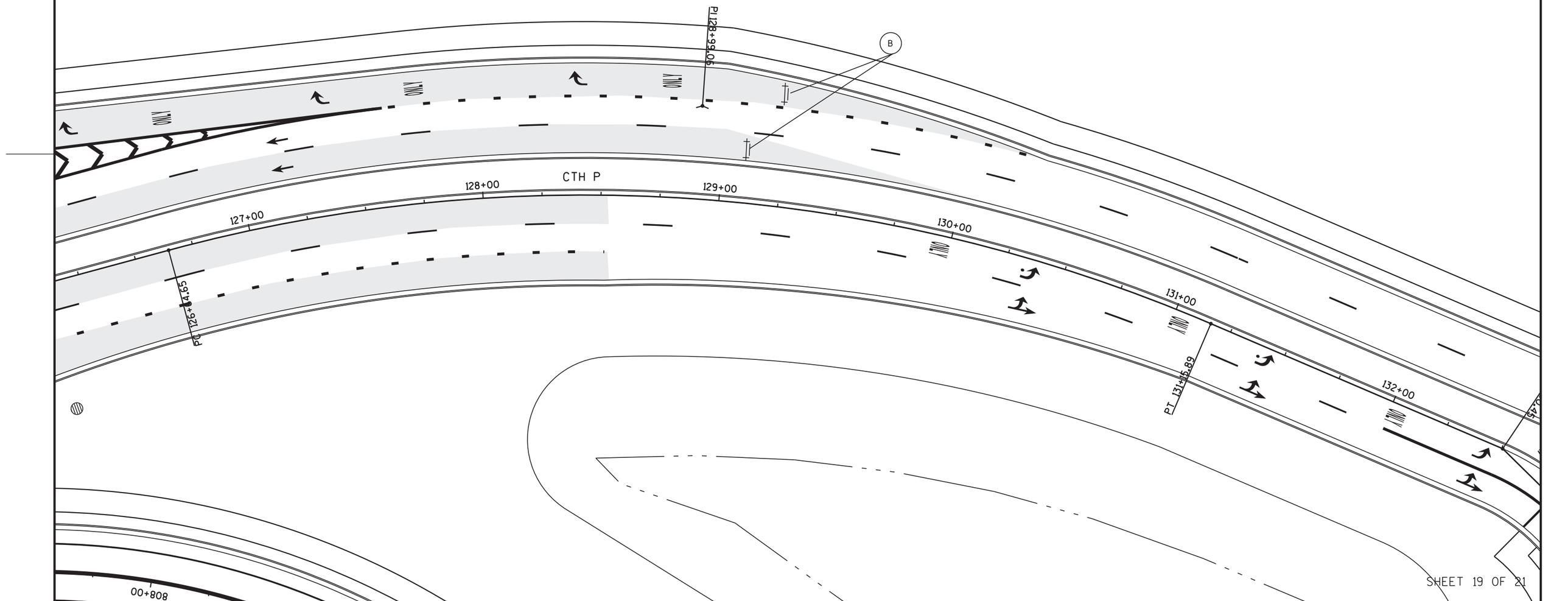
LEGEND



INFORMATION ONLY
ITEM #400

TRAFFIC CONTROL
STAGE [B] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC



SHEET 19 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 124	E

2

556+00

IH-94 WB

261+00

260+00

259+00

IH-94 EB

258+00

257+00

256+00

PI 358+60.95

PI 36+30.63

359+00

RAMP A

360+00

358+00

357+00

356+00

361+00

361+50.73

INFORMATION ONLY
ITEM #400

N

LEGEND

R11-2(MOD)
48" X 30"

LANE
CLOSED

TYPE III BARRICADE

B

TRAFFIC CONTROL
STAGE B CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC

PT 361+50.73

362+00

363+00

B

PC 363+63.42

364+00

RAMP A

365+00

366+00

367+00

PT 367+81.01

N

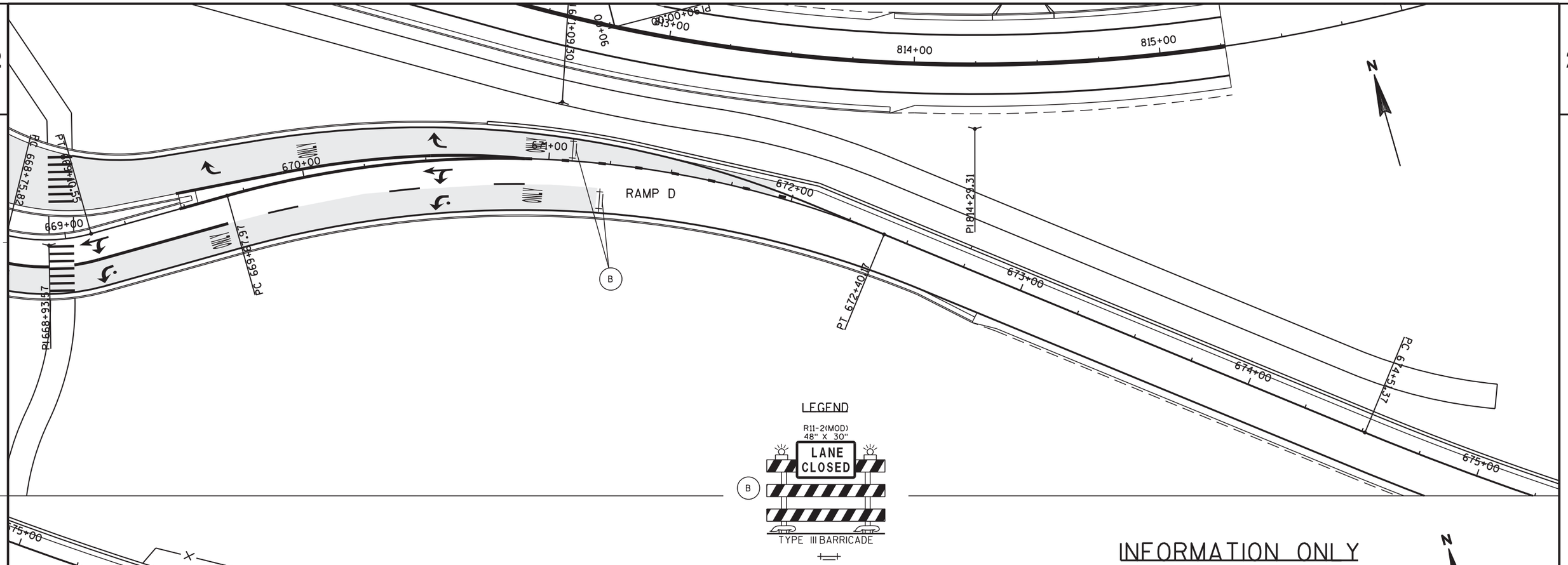
SHEET 20 OF 21

PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 125	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024544_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

2



LEGEND

R11-2(MOD)
48" X 30"

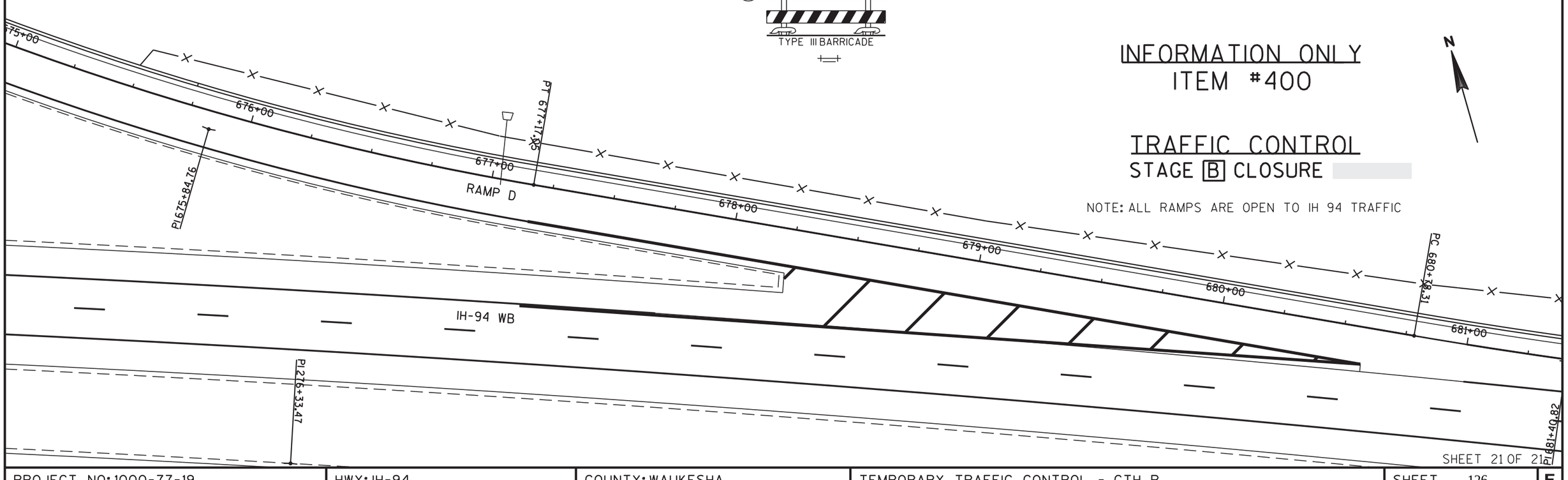
B

TYPE III BARRICADE

INFORMATION ONLY
ITEM #400

TRAFFIC CONTROL
STAGE [B] CLOSURE

NOTE: ALL RAMPS ARE OPEN TO IH 94 TRAFFIC



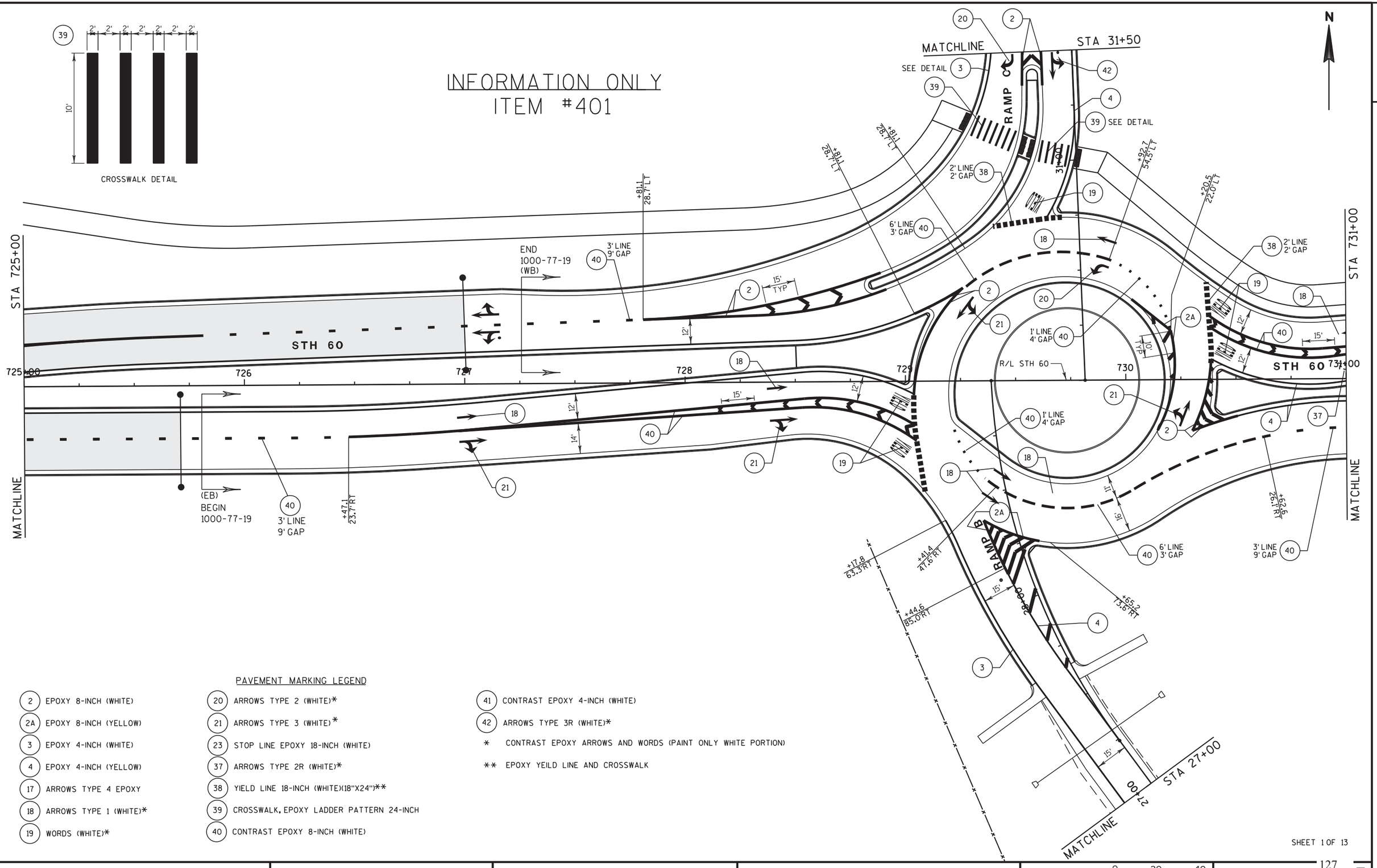
PROJECT NO: 1000-77-19	HWY: IH-94	COUNTY: WAUKESHA	TEMPORARY TRAFFIC CONTROL - CTH P	SHEET 126	E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024545_pm.DGN PLOT DATE : 26-NOV-2018 11:17 PLOT BY : dotshw PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

CROSSWALK DETAIL

INFORMATION ONLY
ITEM #401



PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	20	ARROWS TYPE 2 (WHITE)*
2A	EPOXY 8-INCH (YELLOW)	21	ARROWS TYPE 3 (WHITE)*
3	EPOXY 4-INCH (WHITE)	23	STOP LINE EPOXY 18-INCH (WHITE)
4	EPOXY 4-INCH (YELLOW)	37	ARROWS TYPE 2R (WHITE)*
17	ARROWS TYPE 4 EPOXY	38	YIELD LINE 18-INCH (WHITE)(18"X24")**
18	ARROWS TYPE 1 (WHITE)*	39	CROSSWALK, EPOXY LADDER PATTERN 24-INCH
19	WORDS (WHITE)*	40	CONTRAST EPOXY 8-INCH (WHITE)

41	CONTRAST EPOXY 4-INCH (WHITE)
42	ARROWS TYPE 3R (WHITE)*

* CONTRAST EPOXY ARROWS AND WORDS (PAINT ONLY WHITE PORTION)

** EPOXY YEILD LINE AND CROSSWALK

SHEET 1 OF 13

PROJECT NO: 1000-77-19	HWY: STH 60	COUNTY: WASHINGTON	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 127 E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024574_pm.dgn PLOT DATE : 08-MAR-2019 11:24 PLOT BY : dotcmv PLOT NAME : PLOT SCALE : 40:1

WISDOT/CADDS SHEET 42

INFORMATION ONLY
ITEM #401

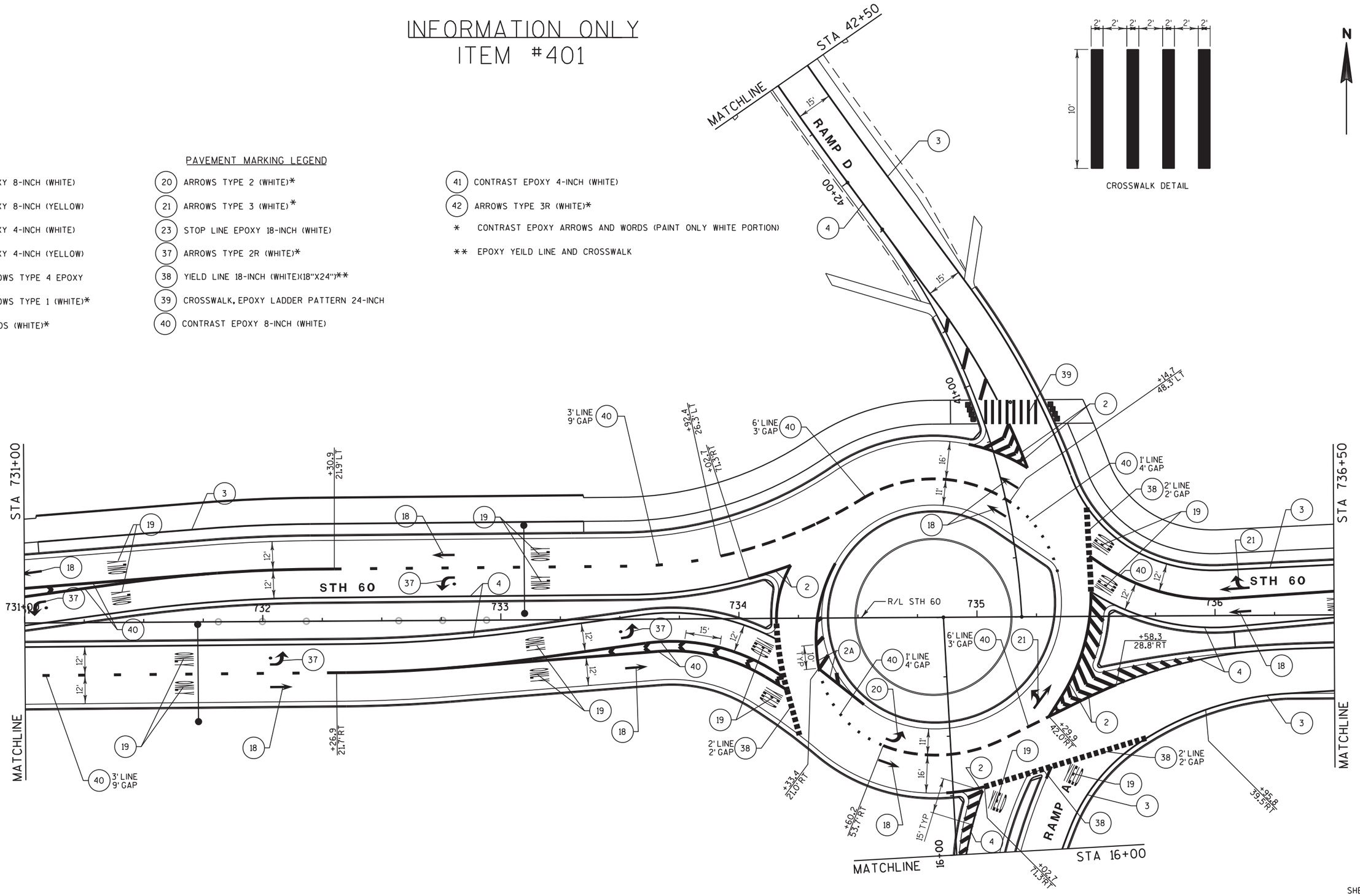
PAVEMENT MARKING LEGEND

2	EPOXY 8-INCH (WHITE)	20	ARROWS TYPE 2 (WHITE)*
2A	EPOXY 8-INCH (YELLOW)	21	ARROWS TYPE 3 (WHITE)*
3	EPOXY 4-INCH (WHITE)	23	STOP LINE EPOXY 18-INCH (WHITE)
4	EPOXY 4-INCH (YELLOW)	37	ARROWS TYPE 2R (WHITE)*
17	ARROWS TYPE 4 EPOXY	38	YIELD LINE 18-INCH (WHITE)(18"X24")**
18	ARROWS TYPE 1 (WHITE)*	39	CROSSWALK, EPOXY LADDER PATTERN 24-INCH
19	WORDS (WHITE)*	40	CONTRAST EPOXY 8-INCH (WHITE)
		41	CONTRAST EPOXY 4-INCH (WHITE)
		42	ARROWS TYPE 3R (WHITE)*

* CONTRAST EPOXY ARROWS AND WORDS (PAINT ONLY WHITE PORTION)

** EPOXY YEILD LINE AND CROSSWALK

CROSSWALK DETAIL



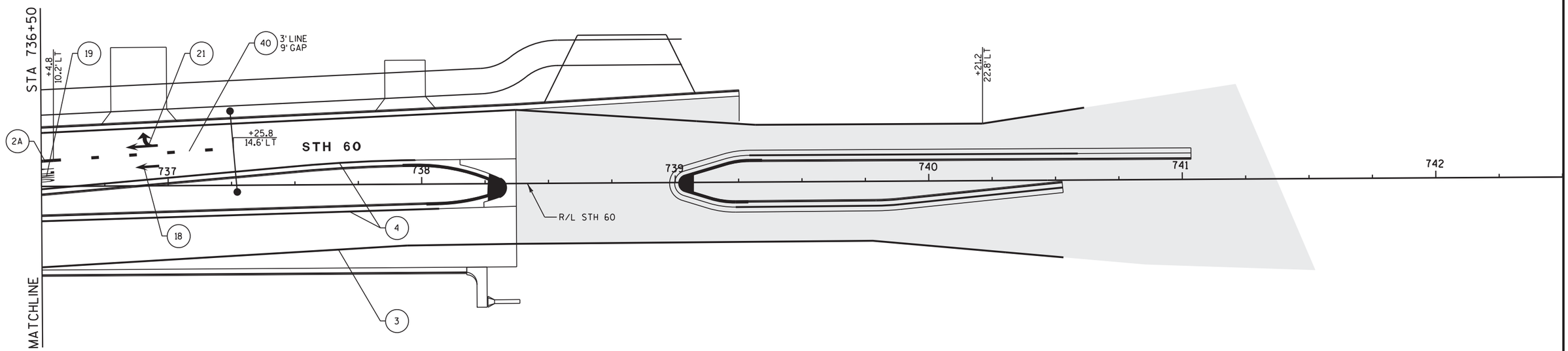
SHEET 2 OF 13

PROJECT NO: 1000-77-19	HWY: STH 60	COUNTY: WASHINGTON	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 128 E

2

INFORMATION ONLY
ITEM #400

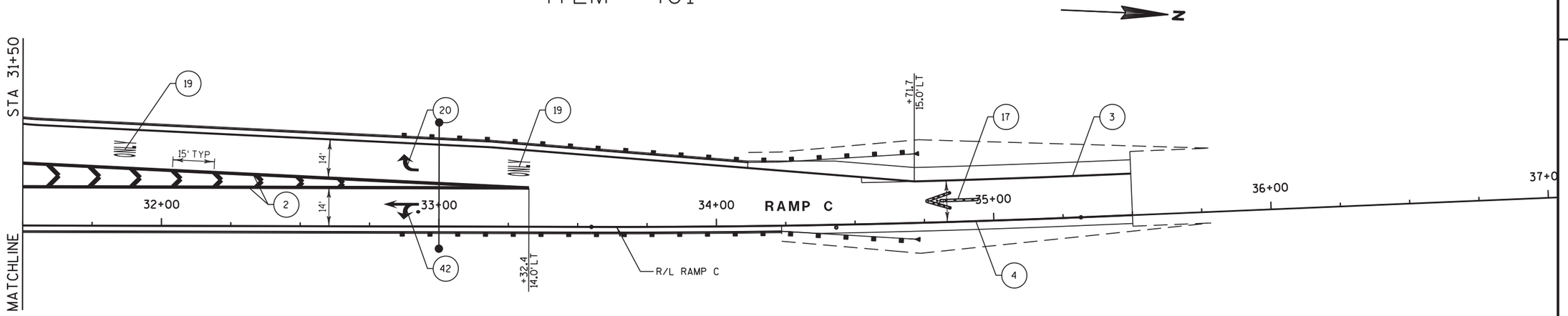
N



PAVEMENT MARKING LEGEND

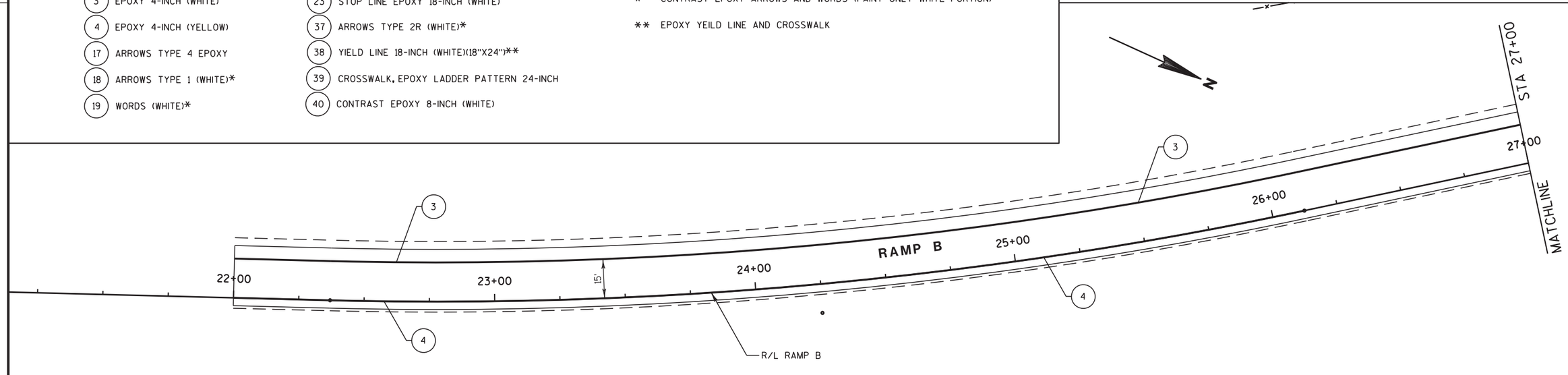
(2) EPOXY 8-INCH (WHITE)	(20) ARROWS TYPE 2 (WHITE)*	(41) CONTRAST EPOXY 4-INCH (WHITE)
(2A) EPOXY 8-INCH (YELLOW)	(21) ARROWS TYPE 3 (WHITE)*	(42) ARROWS TYPE 3R (WHITE)*
(3) EPOXY 4-INCH (WHITE)	(23) STOP LINE EPOXY 18-INCH (WHITE)	* CONTRAST EPOXY ARROWS AND WORDS (PAINT ONLY WHITE PORTION)
(4) EPOXY 4-INCH (YELLOW)	(37) ARROWS TYPE 2R (WHITE)*	** EPOXY YEILD LINE AND CROSSWALK
(17) ARROWS TYPE 4 EPOXY	(38) YIELD LINE 18-INCH (WHITE)(18"X24")**	
(18) ARROWS TYPE 1 (WHITE)*	(39) CROSSWALK, EPOXY LADDER PATTERN 24-INCH	
(19) WORDS (WHITE)*	(40) CONTRAST EPOXY 8-INCH (WHITE)	

INFORMATION ONLY
ITEM #401



PAVEMENT MARKING LEGEND

(2) EPOXY 8-INCH (WHITE)	(20) ARROWS TYPE 2 (WHITE)*	(41) CONTRAST EPOXY 4-INCH (WHITE)
(2A) EPOXY 8-INCH (YELLOW)	(21) ARROWS TYPE 3 (WHITE)*	(42) ARROWS TYPE 3R (WHITE)*
(3) EPOXY 4-INCH (WHITE)	(23) STOP LINE EPOXY 18-INCH (WHITE)	* CONTRAST EPOXY ARROWS AND WORDS (PAINT ONLY WHITE PORTION)
(4) EPOXY 4-INCH (YELLOW)	(37) ARROWS TYPE 2R (WHITE)*	** EPOXY YEILD LINE AND CROSSWALK
(17) ARROWS TYPE 4 EPOXY	(38) YIELD LINE 18-INCH (WHITE)(18"X24")**	
(18) ARROWS TYPE 1 (WHITE)*	(39) CROSSWALK, EPOXY LADDER PATTERN 24-INCH	
(19) WORDS (WHITE)*	(40) CONTRAST EPOXY 8-INCH (WHITE)	

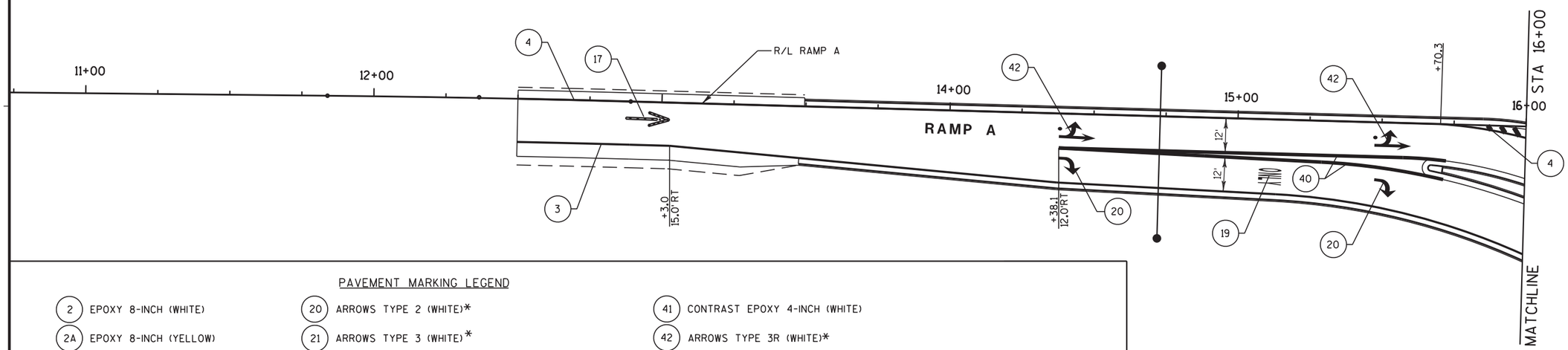


PROJECT NO: 1000-77-19	HWY: STH 60	COUNTY: WASHINGTON	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 130 E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024578_pm.dgn PLOT DATE : 08-MAR-2019 11:25 PLOT BY : dotcmv PLOT NAME : PLOT SCALE : 40:1

2

INFORMATION ONLY
ITEM #401

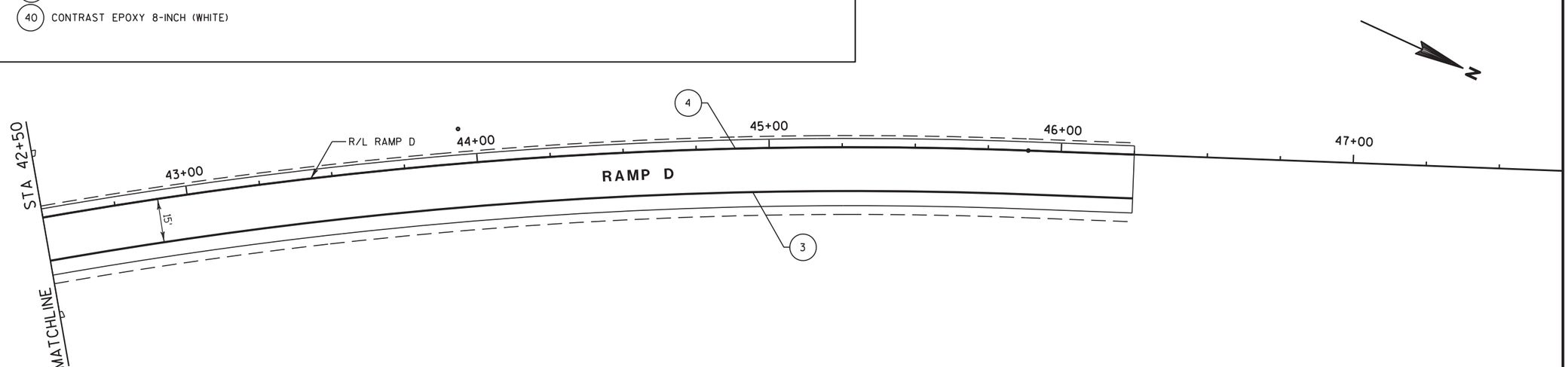


PAVEMENT MARKING LEGEND

- (2) EPOXY 8-INCH (WHITE)
- (2A) EPOXY 8-INCH (YELLOW)
- (3) EPOXY 4-INCH (WHITE)
- (4) EPOXY 4-INCH (YELLOW)
- (17) ARROWS TYPE 4 EPOXY
- (18) ARROWS TYPE 1 (WHITE)*
- (19) WORDS (WHITE)*
- (20) ARROWS TYPE 2 (WHITE)*
- (21) ARROWS TYPE 3 (WHITE)*
- (23) STOP LINE EPOXY 18-INCH (WHITE)
- (37) ARROWS TYPE 2R (WHITE)*
- (38) YIELD LINE 18-INCH (WHITE)(18"X24")**
- (39) CROSSWALK, EPOXY LADDER PATTERN 24-INCH
- (40) CONTRAST EPOXY 8-INCH (WHITE)
- (41) CONTRAST EPOXY 4-INCH (WHITE)
- (42) ARROWS TYPE 3R (WHITE)*

* CONTRAST EPOXY ARROWS AND WORDS (PAINT ONLY WHITE PORTION)

** EPOXY YEILD LINE AND CROSSWALK



SHEET 5 OF 13

PROJECT NO: 1000-77-19	HWY: STH 60	COUNTY: WASHINGTON	PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET 131 E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024579_pm.dgn PLOT DATE : 08-MAR-2019 11:25 PLOT BY : dotcmv PLOT NAME : PLOT SCALE : 40:1

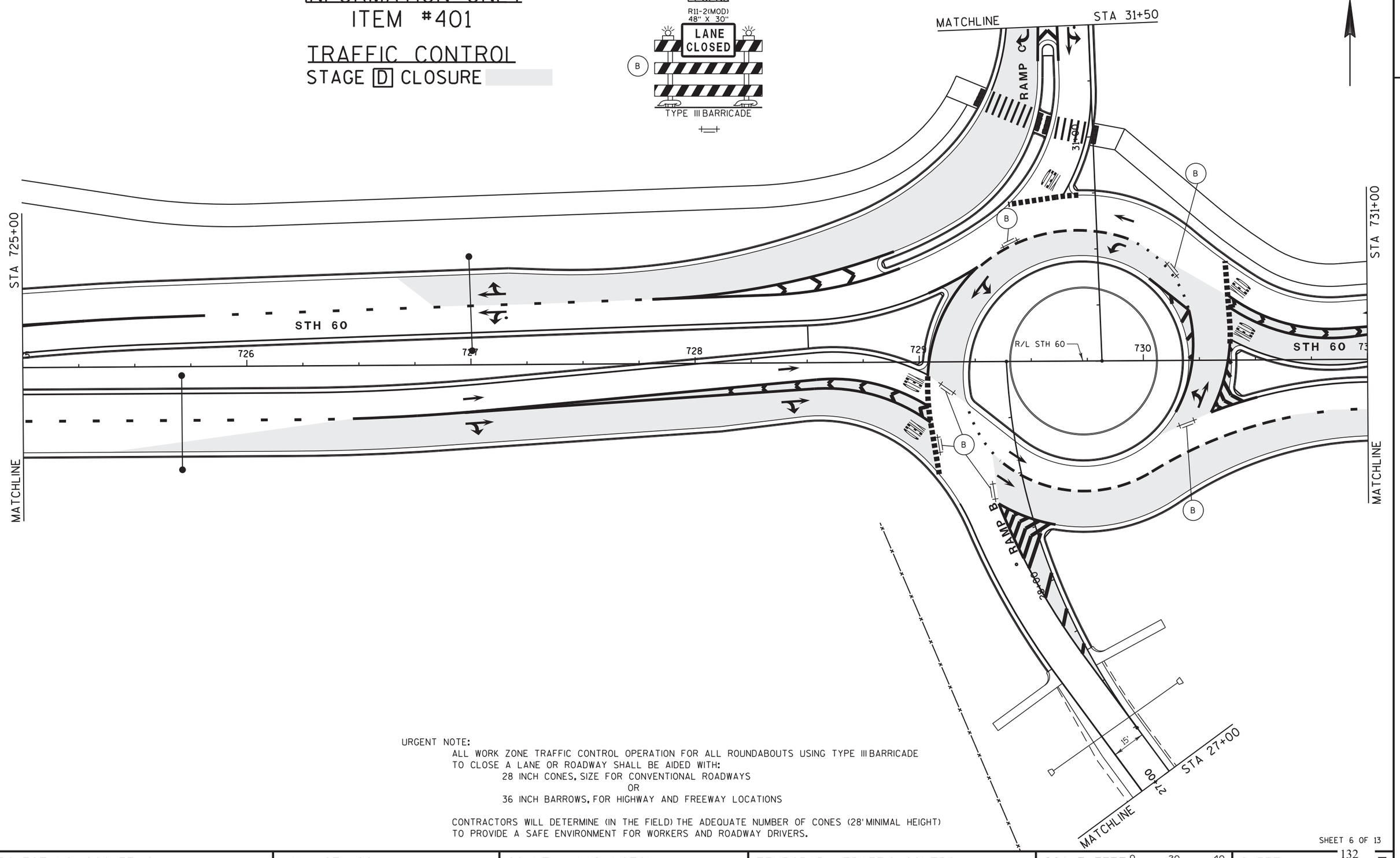
WISDOT/CADDS SHEET 42

INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE [D] CLOSURE

LEGEND

R11-2(MOD)
48" X 30"
LANE CLOSED
(B)
TYPE III BARRICADE



URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

INFORMATION ONLY

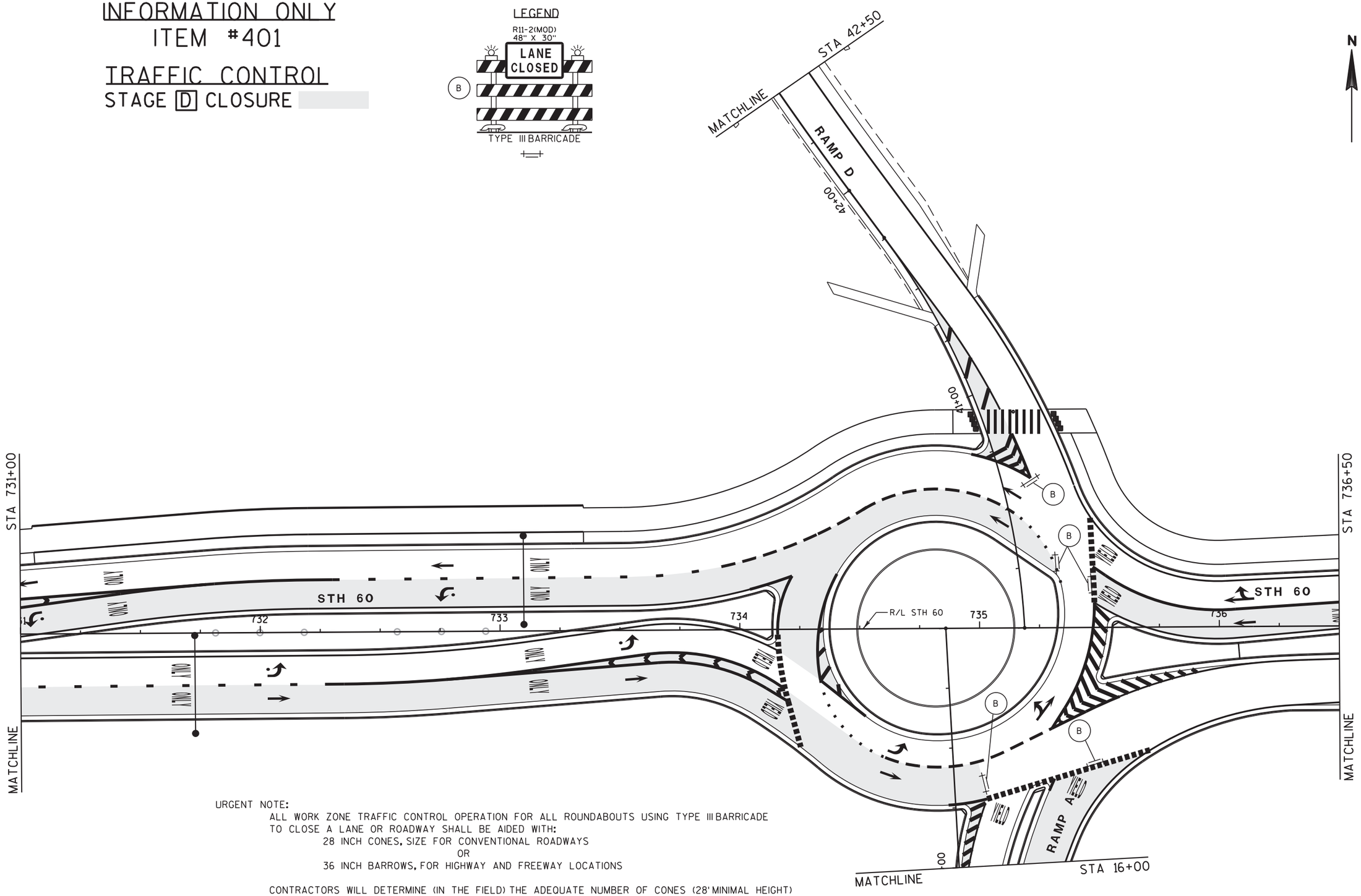
ITEM #401

TRAFFIC CONTROL

STAGE [D] CLOSURE

LEGEND

R11-2(MOD)
48" X 30"



URGENT NOTE:

ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:

28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS

OR

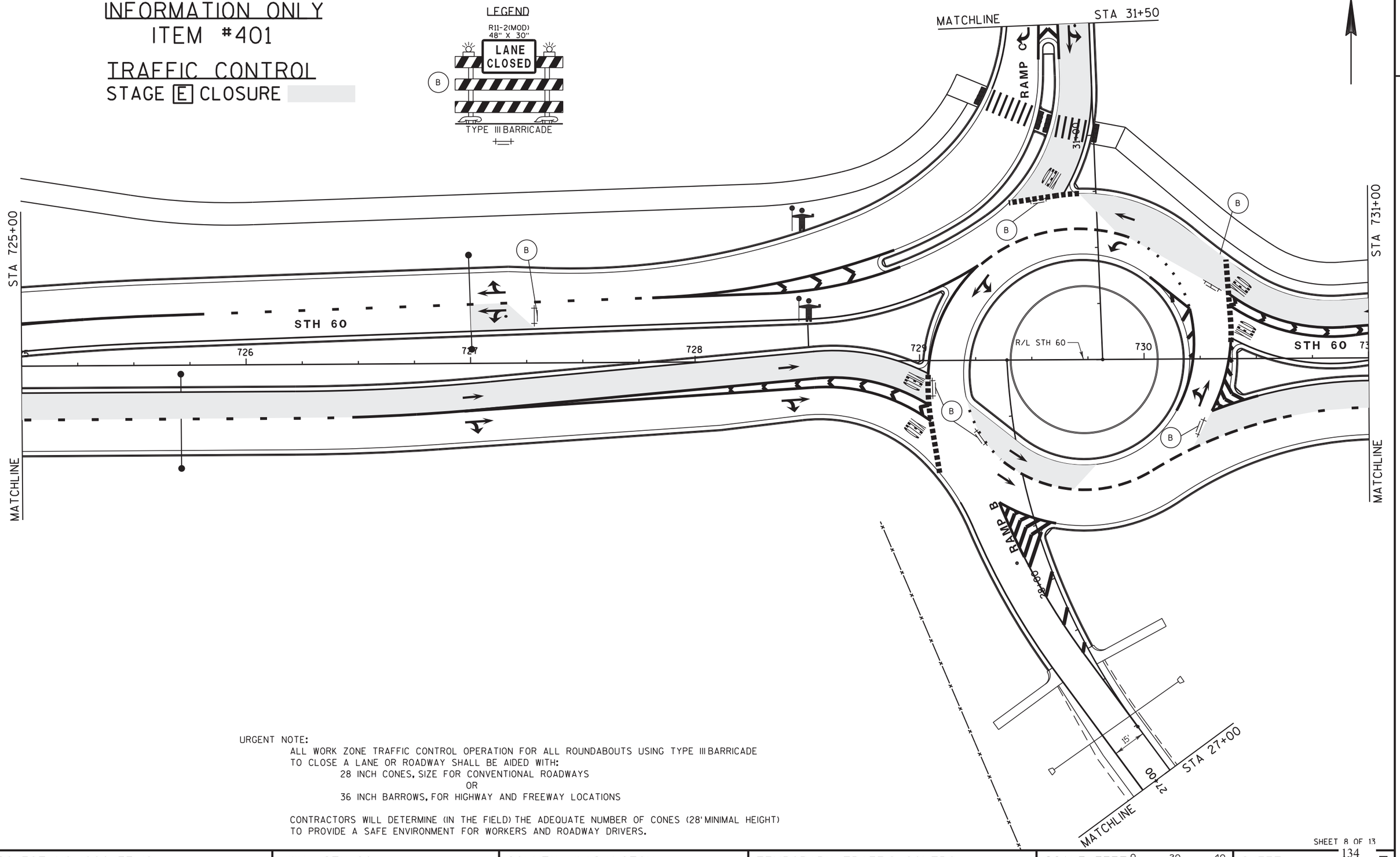
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE [E] CLOSURE

LEGEND



URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

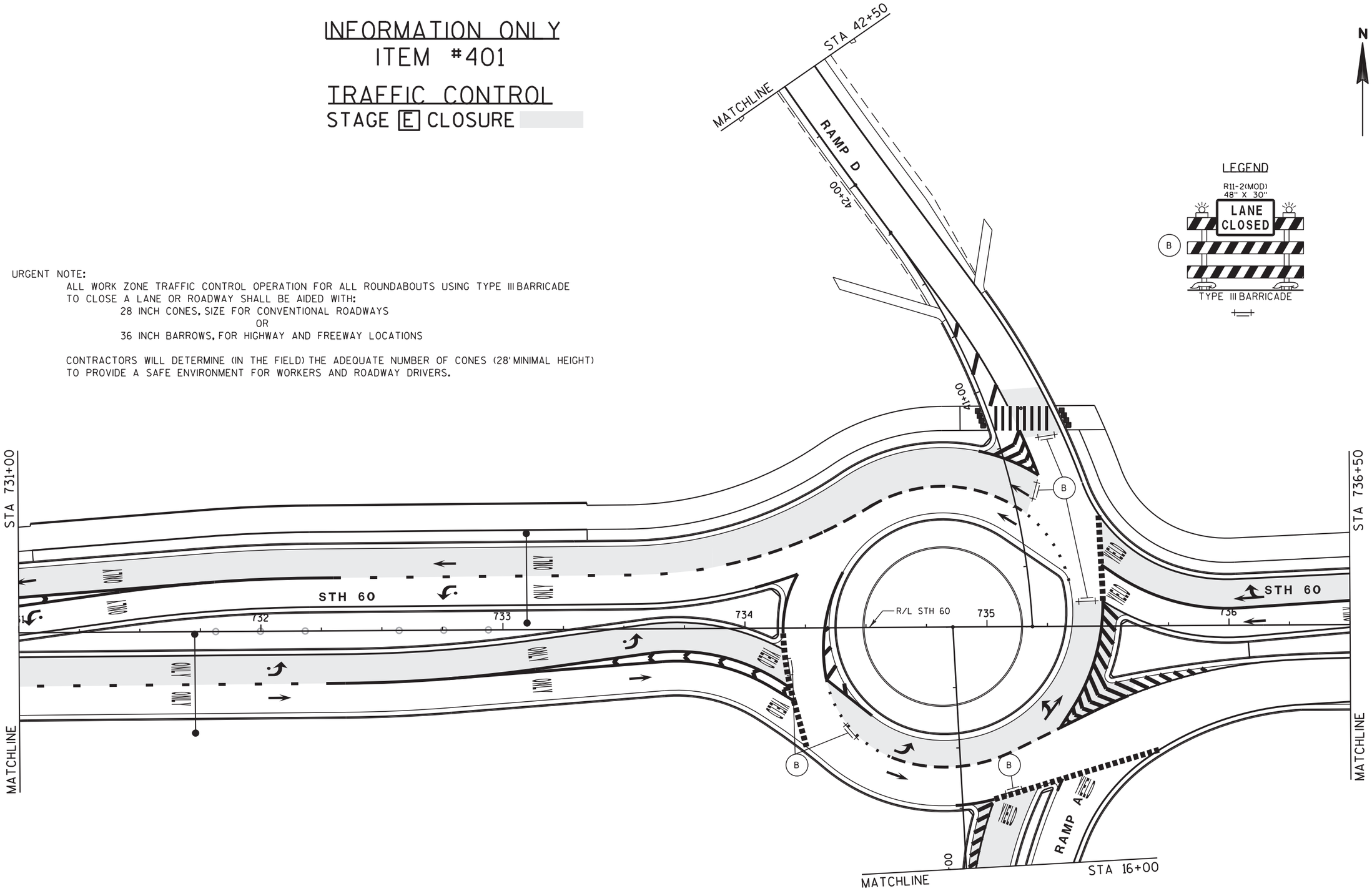
CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE E CLOSURE

URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.



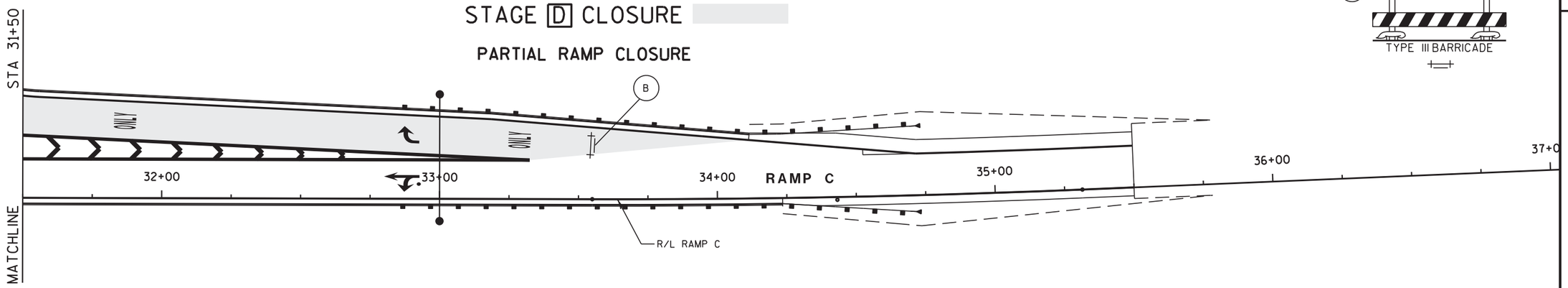
PROJECT NO: 1000-77-19	HWY: STH 60	COUNTY: WASHINGTON	TEMPORARY TRAFFIC CONTROL	SCALE, FEET 0 20 40	SHEET E

FILE NAME : N:\PDS\Projects\10007719\Plan Set\024586_pm.dgn PLOT DATE : 08-MAR-2019 11:25 PLOT BY : dotcmv PLOT NAME : PLOT SCALE : 40:1
WISDOT/CADDS SHEET 42

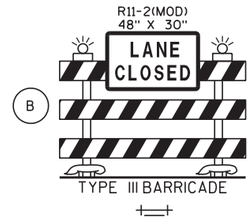
INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE [D] CLOSURE

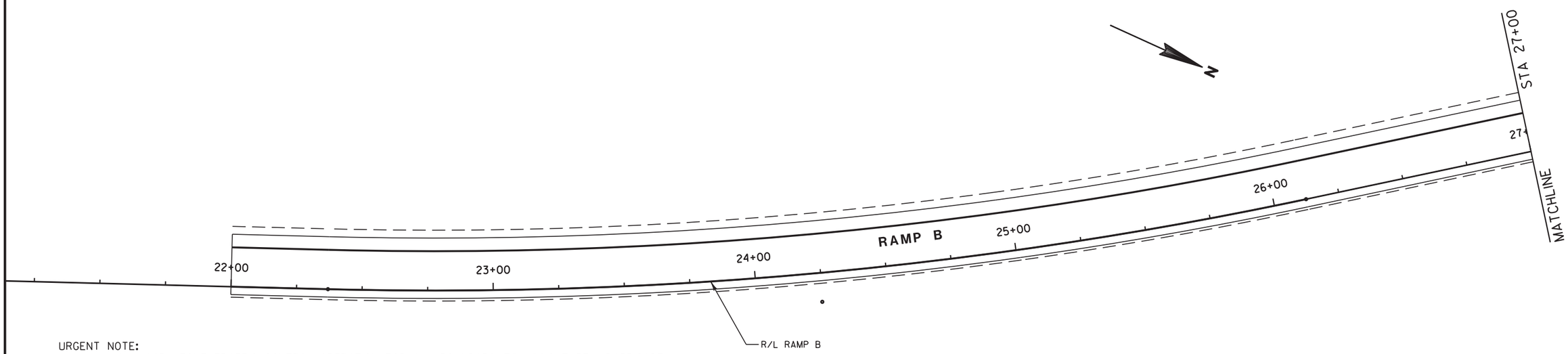
PARTIAL RAMP CLOSURE



LEGEND



NOTE: SEE SHEET 13 OF TRAFFIC CONTROL
ALL RAMPS ARE OPEN TO USH 45 TRAFFIC



URGENT NOTE:

ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:

28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS

OR

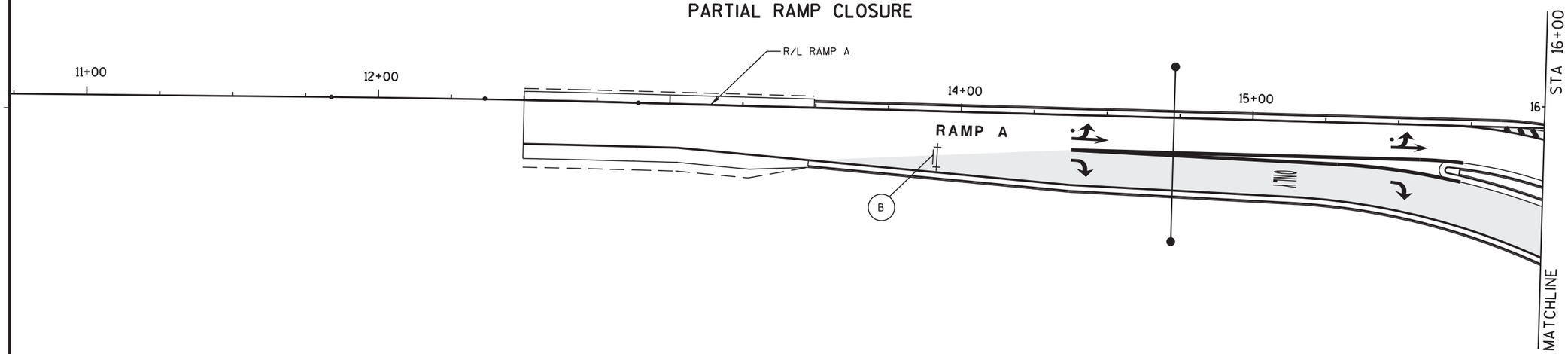
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

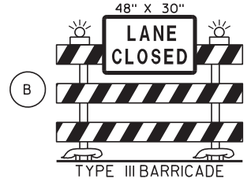
INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE [D] CLOSURE

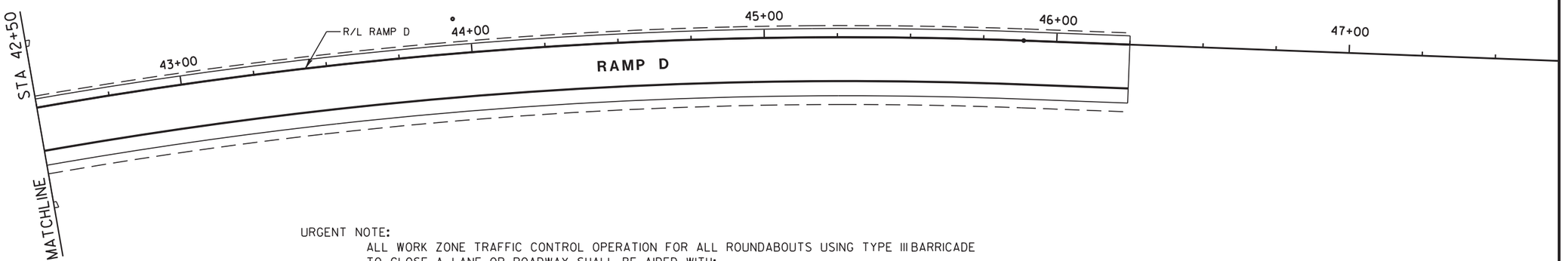
PARTIAL RAMP CLOSURE



LEGEND



NOTE: SEE SHEET 14 OF TRAFFIC CONTROL
ALL RAMPS ARE OPEN TO USH 45 TRAFFIC



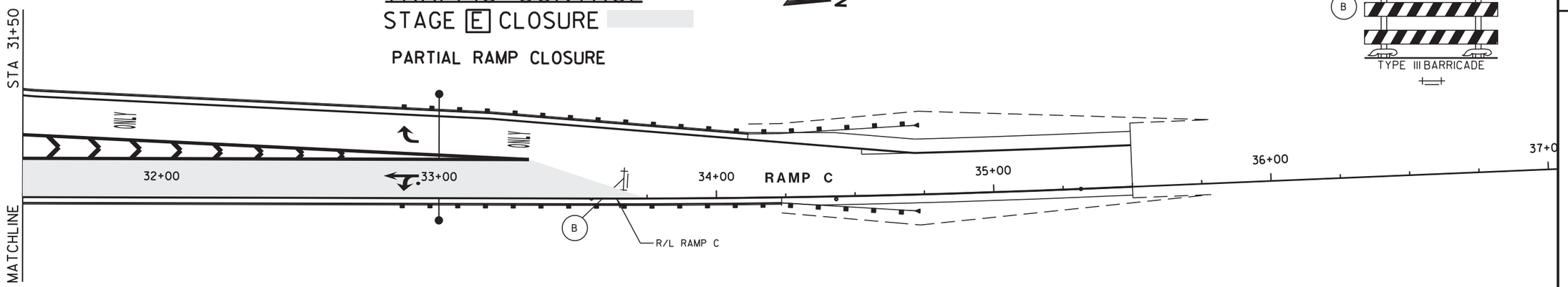
URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

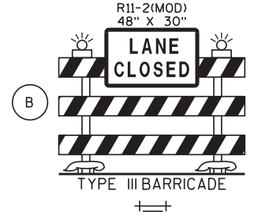
INFORMATION ONLY
ITEM #401

TRAFFIC CONTROL
STAGE [E] CLOSURE

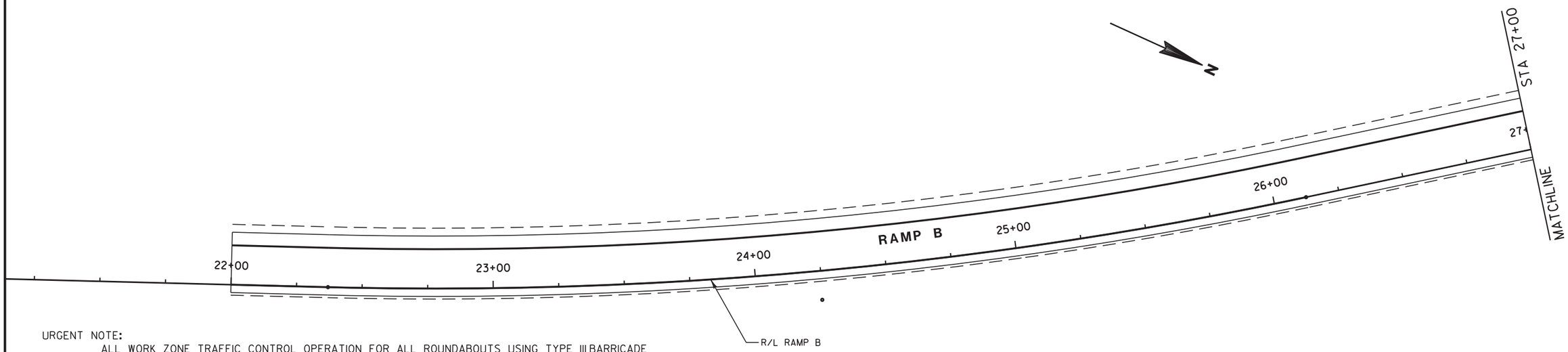
PARTIAL RAMP CLOSURE



LEGEND



NOTE: SEE SHEET 15 OF TRAFFIC CONTROL
ALL RAMPS ARE OPEN TO USH 45 TRAFFIC



URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

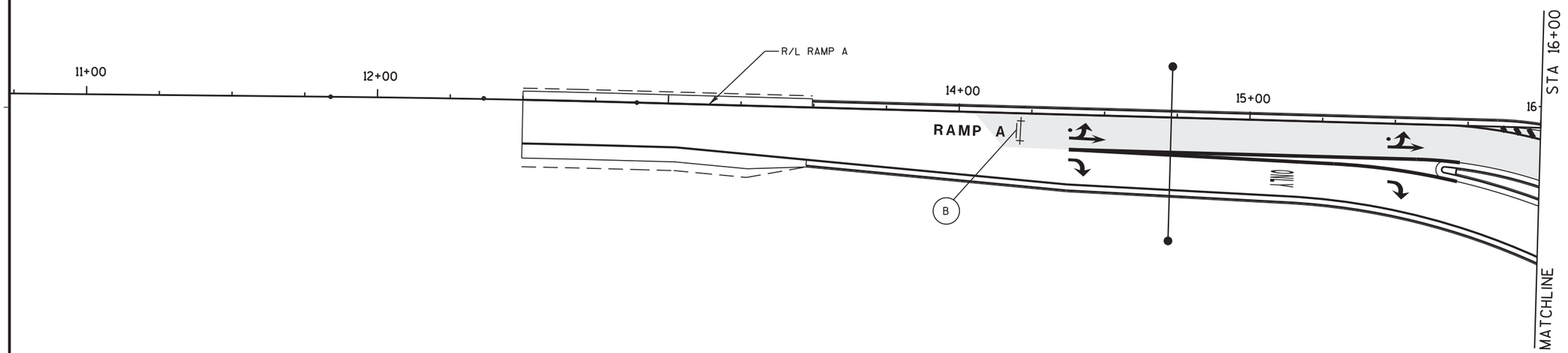
CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT) TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

INFORMATION ONLY
ITEM #401

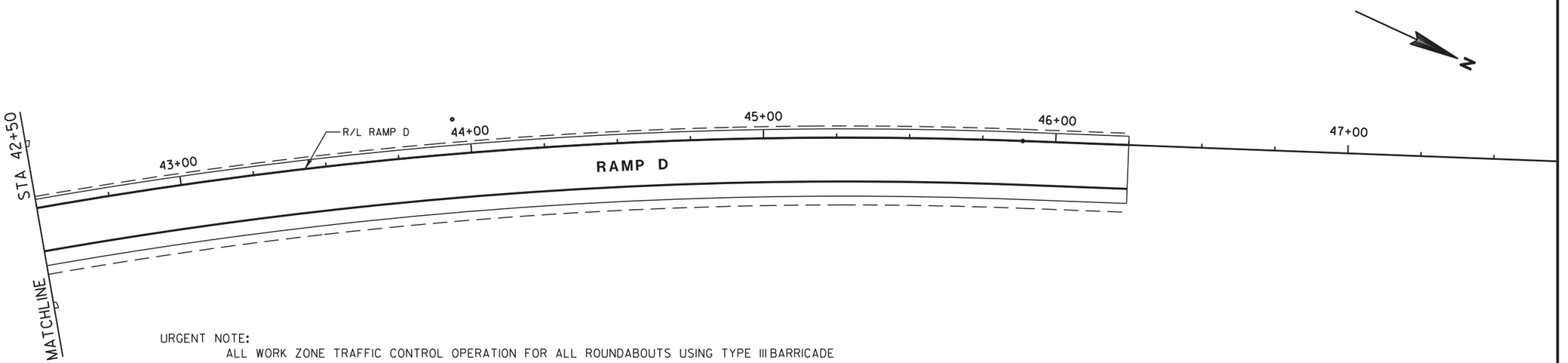
TRAFFIC CONTROL
STAGE [E] CLOSURE

PARTIAL RAMP CLOSURE

LEGEND
R11-2(MOD)
48" X 30"
LANE CLOSED
B
TYPE III BARRICADE



NOTE: SEE SHEET 16 OF TRAFFIC CONTROL
ALL RAMPS ARE OPEN TO USH 45 TRAFFIC



URGENT NOTE:
ALL WORK ZONE TRAFFIC CONTROL OPERATION FOR ALL ROUNDABOUTS USING TYPE III BARRICADE
TO CLOSE A LANE OR ROADWAY SHALL BE AIDED WITH:
28 INCH CONES, SIZE FOR CONVENTIONAL ROADWAYS
OR
36 INCH BARROWS, FOR HIGHWAY AND FREEWAY LOCATIONS

CONTRACTORS WILL DETERMINE (IN THE FIELD) THE ADEQUATE NUMBER OF CONES (28' MINIMAL HEIGHT)
TO PROVIDE A SAFE ENVIRONMENT FOR WORKERS AND ROADWAY DRIVERS.

2

INFORMATION ONLY
ITEM #300-311

LEGEND FOR 301-307

NEW PAVEMENT MARKING

EXISTING PAVEMENT MARKING - SEE ⑥⑦⑧

① PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)

② PAVEMENT MARKING 8" CHANNELIZING WHITE

③ PAVEMENT MARKING 4" WHITE EDGELINE

④ PAVEMENT MARKING 4" YELLOW EDGELINE

⑤ PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)

⑥ TAPED MARKINGS (8" OR 4") ARE NOT TO BE PAINTED

⑦ EXISTING 4" (MARKINGS) ARE NOT TO BE PAINTED

⑧ EXISTING 8" (MARKINGS) ARE NOT TO BE PAINTED

⑨ PAVEMENT MARKING 8" WHITE CONTRAST (2' LINE, 6' SPACE)

⑩ PAVEMENT MARKING 4" WHITE (3' LINE, 9' SPACE)

⑪ PAVEMENT MARKING 4" EPOXY YELLOW CONTRAST (2' LINE, 6' SPACE)

⑫ PAVEMENT MARKING 4" EPOXY (WHITE) CONTRAST (2' LINE, 6' SPACE)

⑬ PAVEMENT MARKING 4" LANELINE CONTRAST WHITE (12.5' LINE, 37.5' SPACE)

⑭ PAVEMENT MARKING 4" EPOXY (WHITE) CONTRAST

⑮ PAVEMENT MARKING 8" EPOXY (WHITE) CONTRAST (3' LINE, 9' SPACE)

⑯ PAVEMENT MARKING 8" WHITE (2' LINE, 6' SPACE)

⑰ PAVEMENT MARKING TYPE 4 ARROW

⑱ PAVEMENT MARKING TYPE 1 ARROW

⑲ PAVEMENT MARKING WORDS

⑳ PAVEMENT MARKING TYPE 2 ARROW

㉑ PAVEMENT MARKING TYPE 3 ARROW

㉒ PAVEMENT MARKING TYPE 5 ARROW

㉓ 18" STOP BAR

㉔ 6" CROSS WALK

㉕ TYPE 7 ARROW

㉖ PAVEMENT MARKING SYMBOL

㉗ PAVEMENT MARKING 4" WHITE (2' LINE, 6' SPACE)

㉘ PAVEMENT MARKING REMOVAL LINE 4"/8"

㉙ PAVEMENT MARKING YELLOW (2' LINE, 6' SPACE)

㉚ PAVEMENT MARKING TYPE 6 ARROW

㉛ PAVEMENT MARKING TYPE 2 ARROW (MOD.)

㉜ PAVEMENT MARKING 8" WHITE CONTRAST (2' LINE, 6' SPACE)

㉝ PAVEMENT MARKING 18" YIELD LINE

㉟ REMOVE OF SPECIAL MARKING

㊱ PAVEMENT MARKING 12" DIAGONAL

㊲ PAVEMENT MARKING 8" CONTRAST TAPE REMOVAL

㊳ PAVEMENT MARKING 8" EPOXY WHITE, CONTRAST

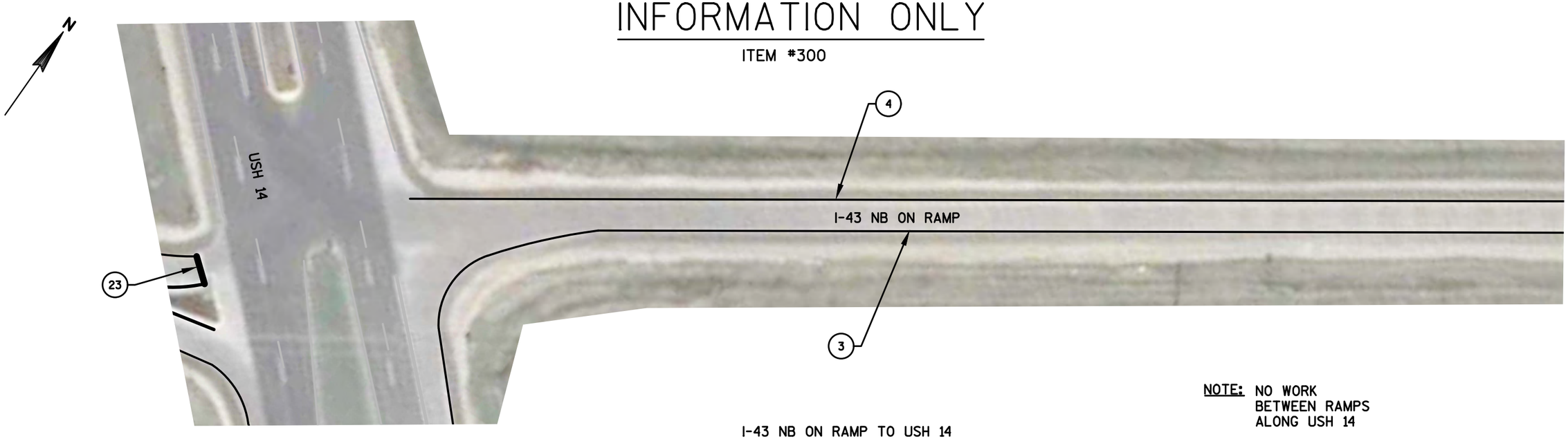
DO NOT PAINT

㉞ MARKING(S) OR SPECIAL MARKING(S) (NEW THERMOPLASTIC), CONTRAST TAPE ETC...

PROJECT NO: 1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	PAVEMENT MARKING LEGEND	SHEET 140	E

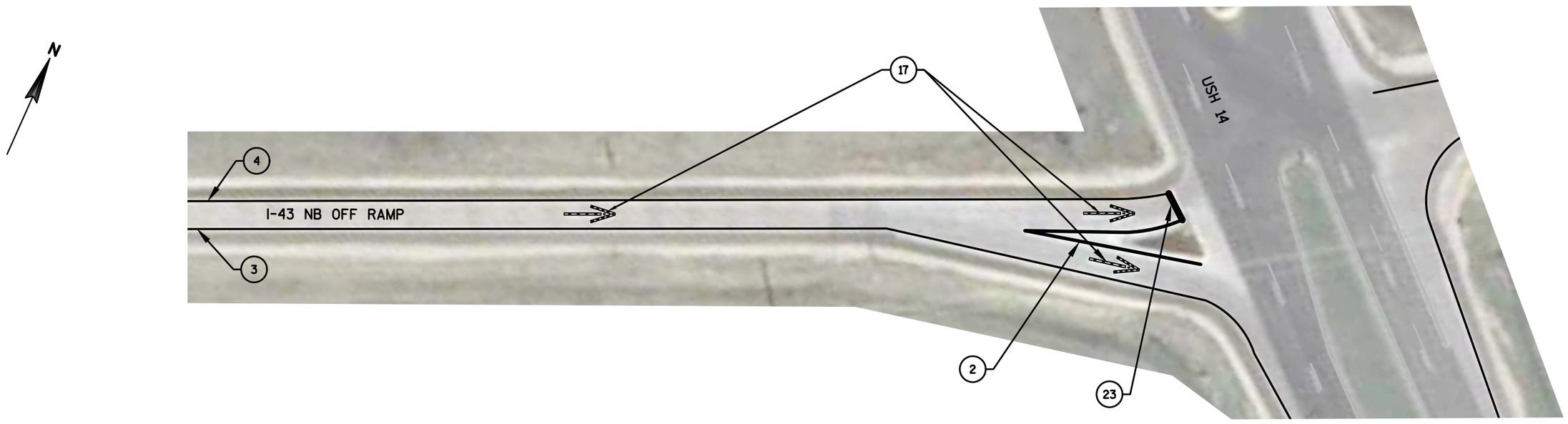
INFORMATION ONLY

ITEM #300



I-43 NB ON RAMP TO USH 14

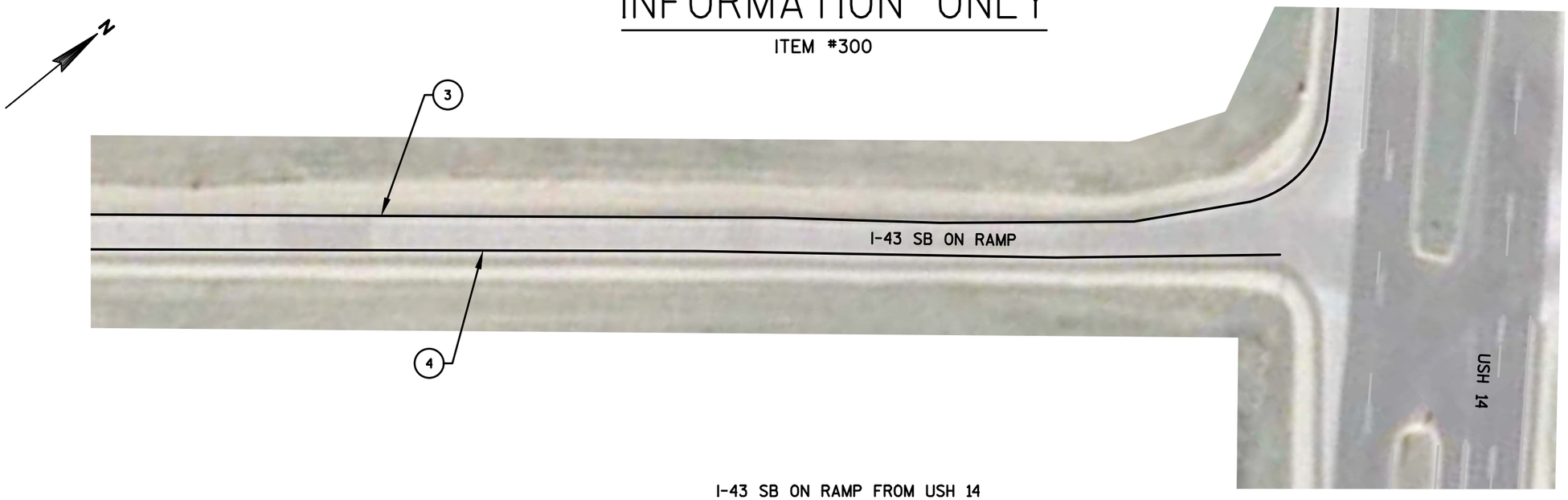
NOTE: NO WORK BETWEEN RAMPS ALONG USH 14



I-43 NB OFF RAMP TO USH 14

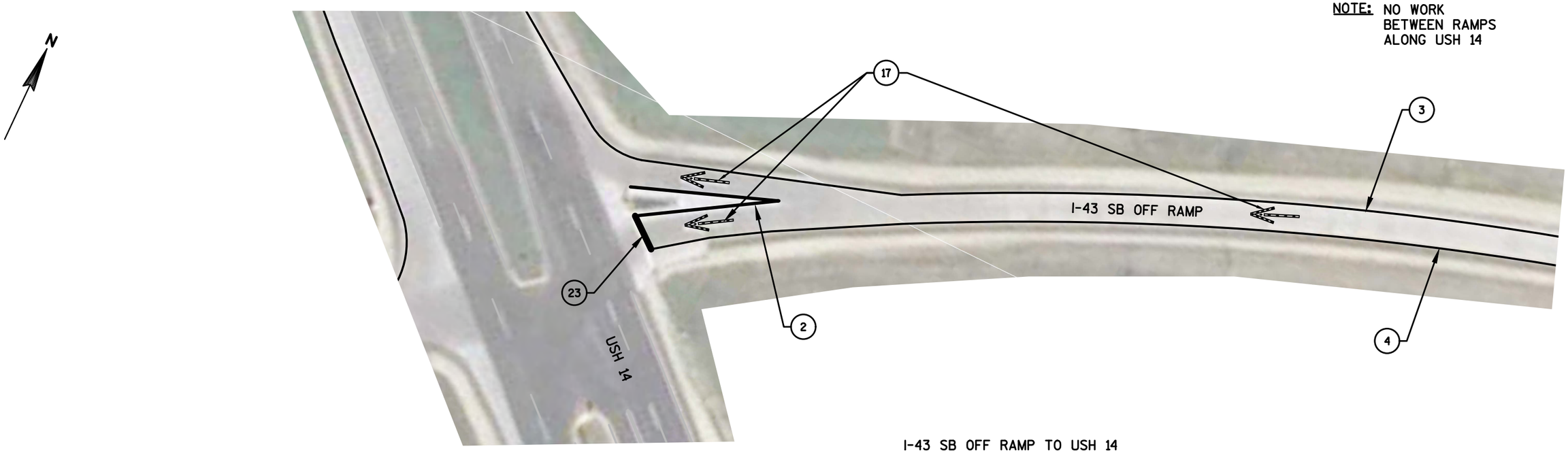
INFORMATION ONLY

ITEM #300



I-43 SB ON RAMP FROM USH 14

NOTE: NO WORK BETWEEN RAMPS ALONG USH 14



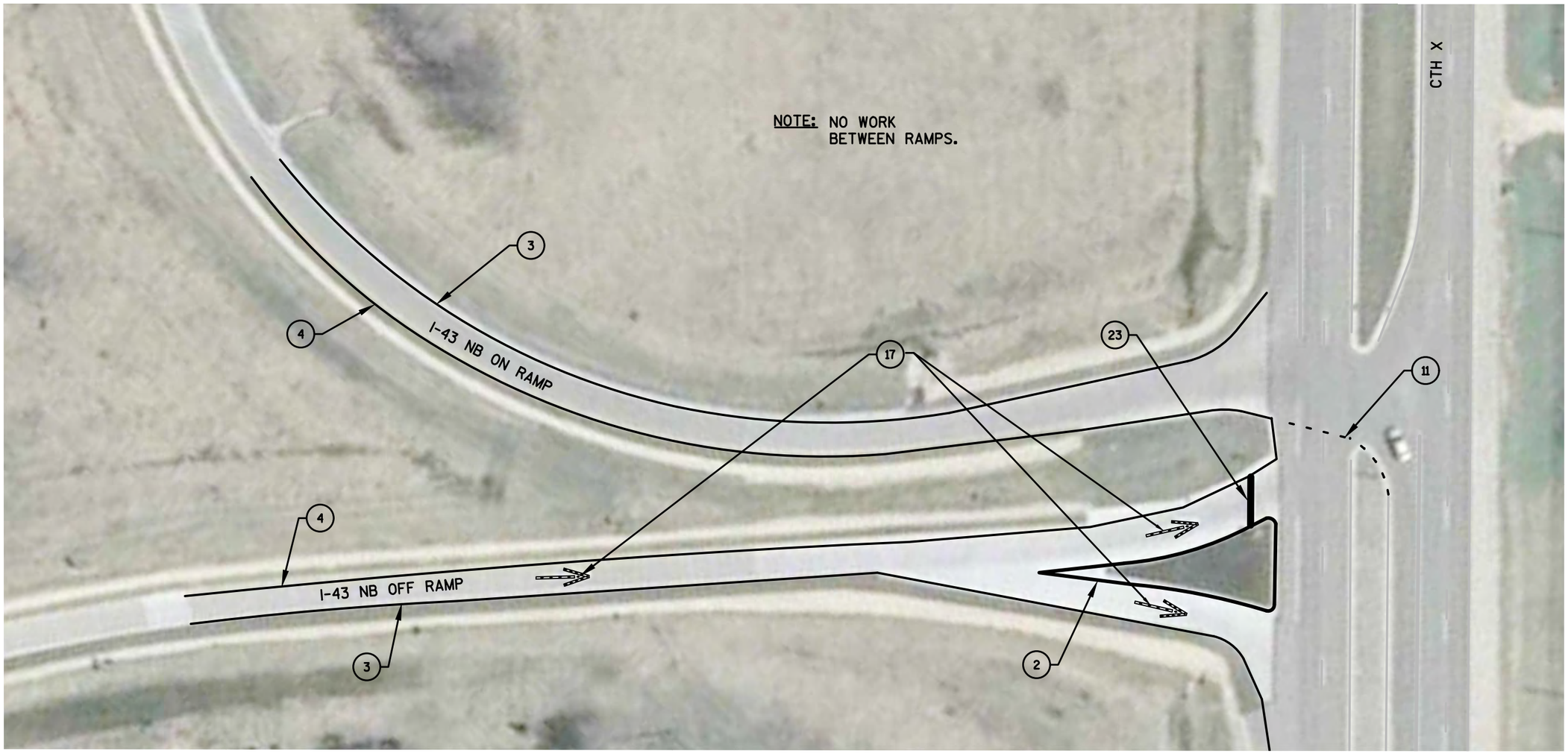
I-43 SB OFF RAMP TO USH 14

PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - USH 14	SHEET 142	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_300_PM_SECT-B.DWG
LAYOUT NAME - B-2
PLOT DATE : 1/17/2019 9:04 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #300



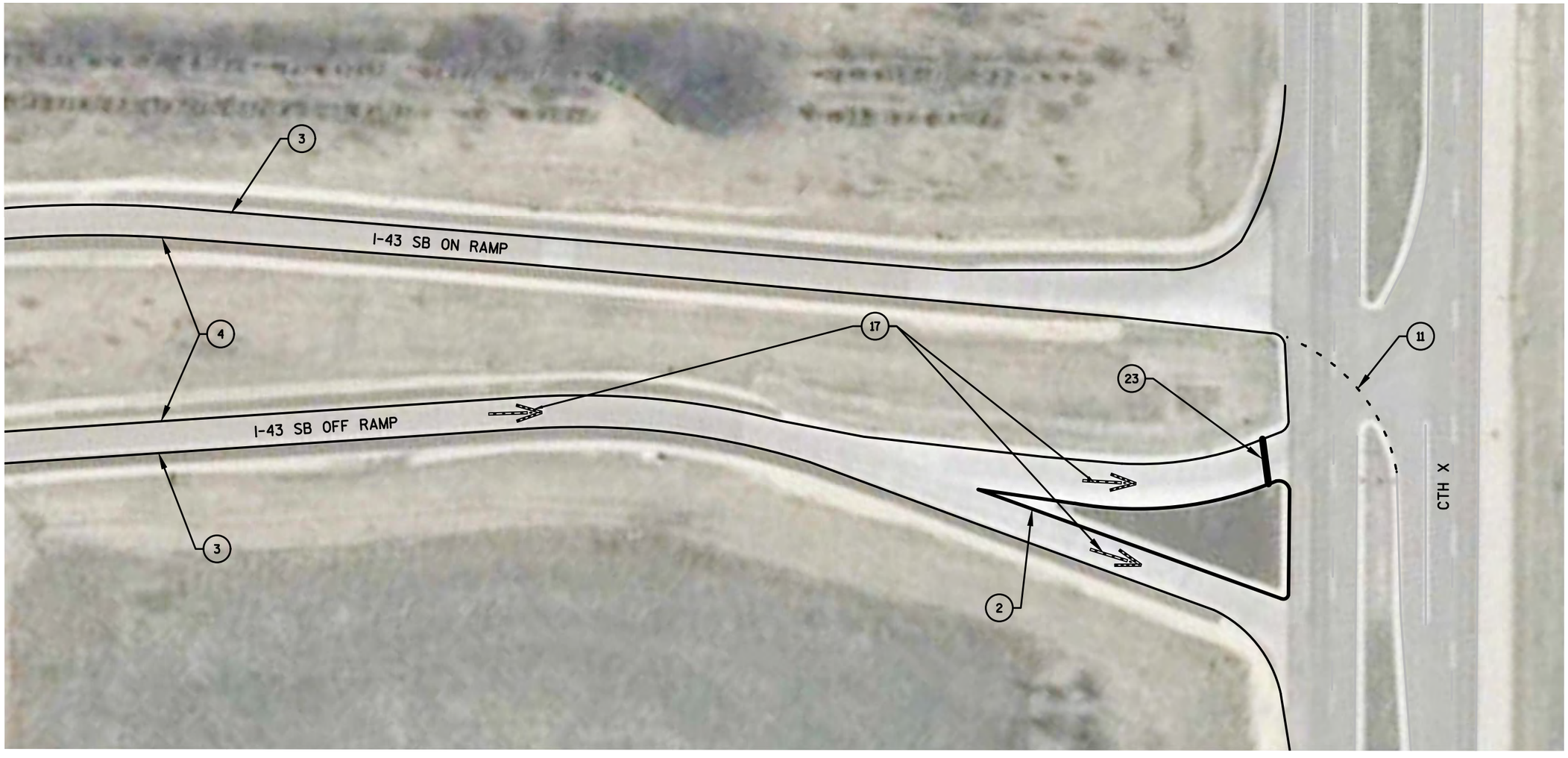
I-43 NB ON/OFF RAMPS, FROM AND TO CTH X

SHEET 3 OF 8

PROJECT NO:1000-77-19	HWY:I-43	COUNTY:WALWORTH	PAVEMENT MARKING DETAIL - CTH X	SHEET 143	E

INFORMATION ONLY

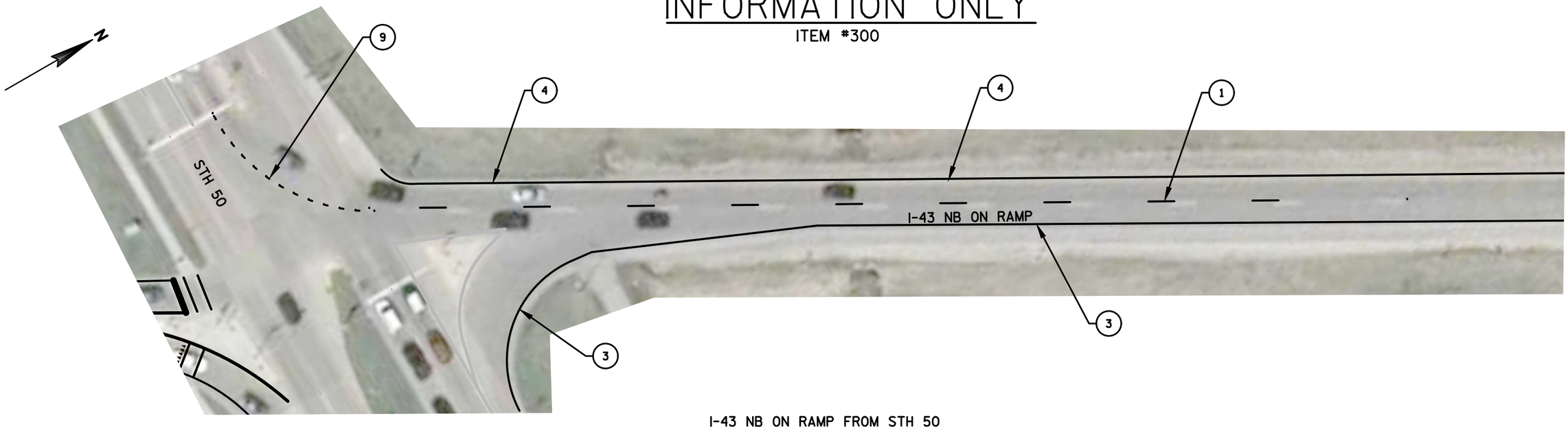
ITEM #300



I-43 SB ON/OFF RAMPS FROM AND TO CTH X

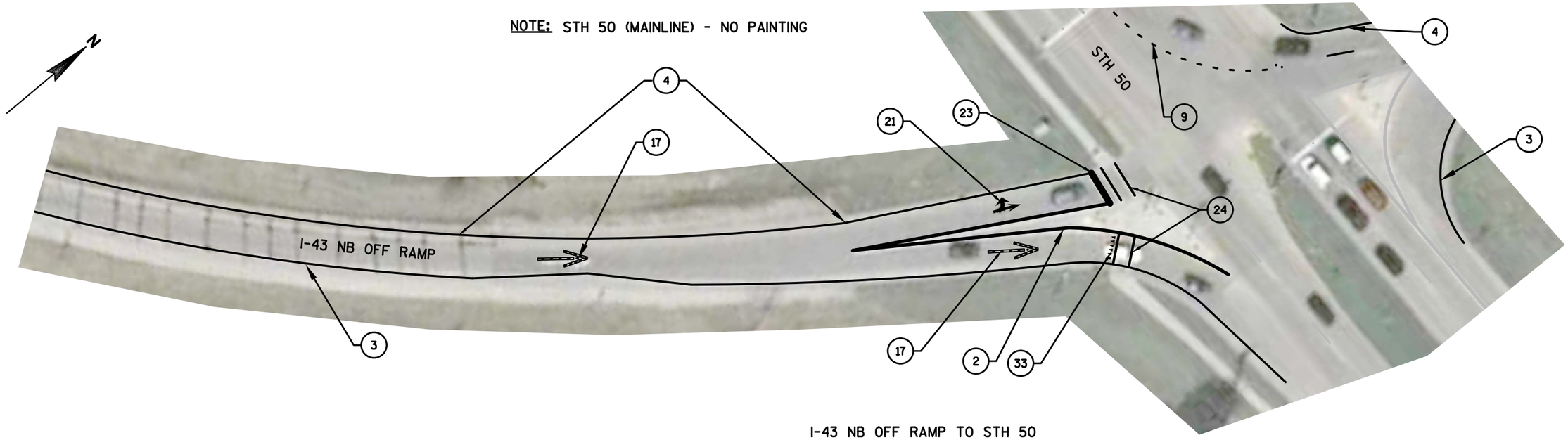
INFORMATION ONLY

ITEM #300



I-43 NB ON RAMP FROM STH 50

NOTE: STH 50 (MAINLINE) - NO PAINTING



I-43 NB OFF RAMP TO STH 50

SHEET 5 OF 8

PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - STH 50	SHEET 145	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_300_PM_SECT-B.DWG
LAYOUT NAME - B-9

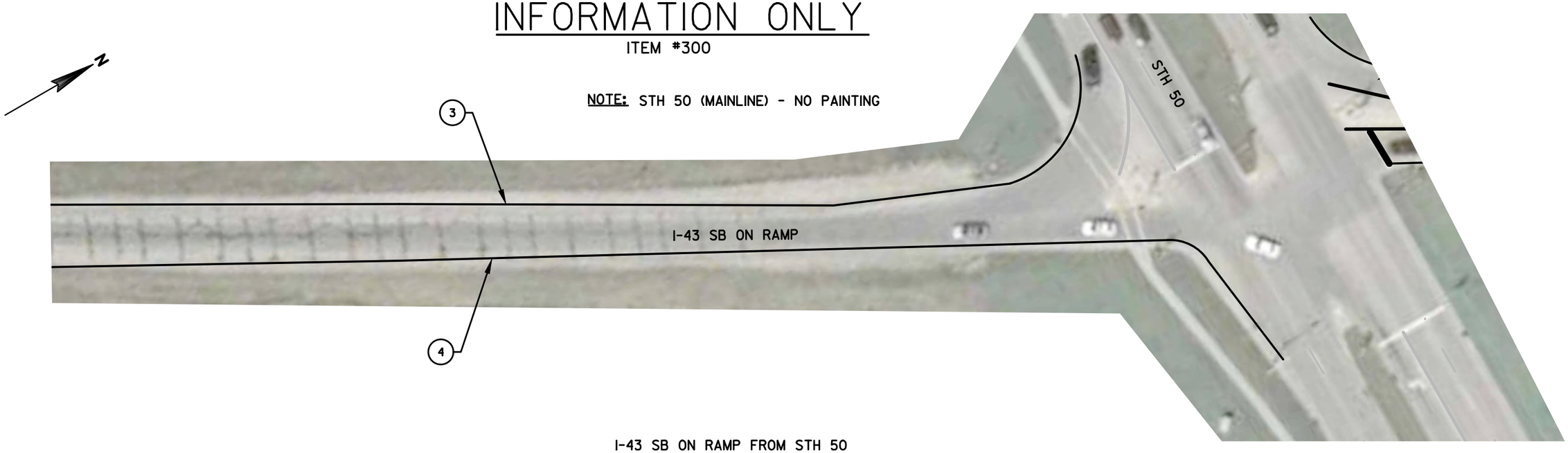
PLOT DATE : 1/17/2019 9:05 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

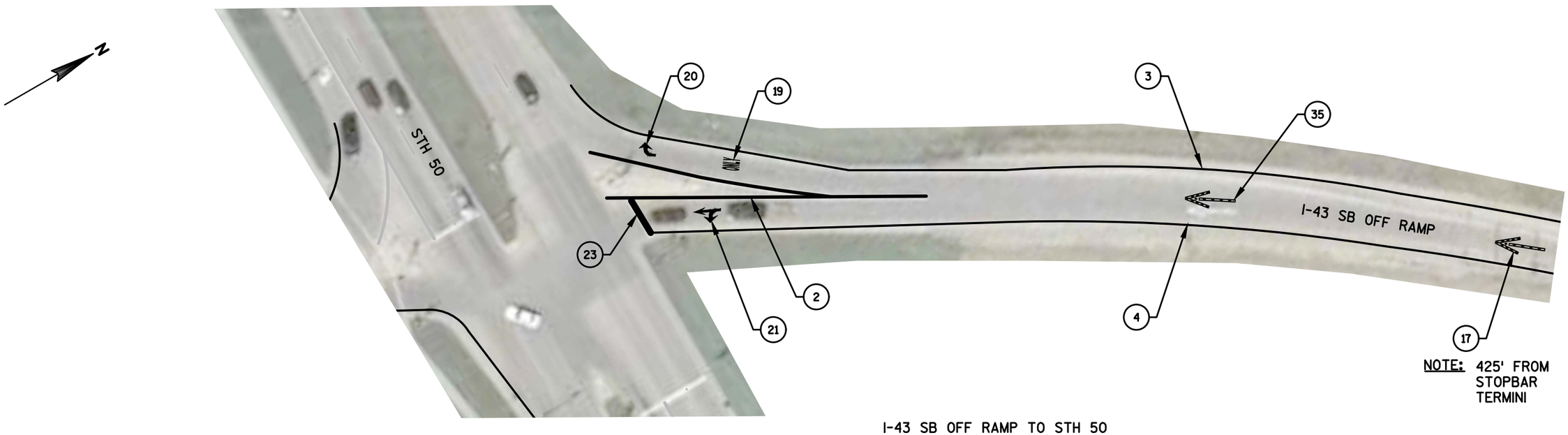
INFORMATION ONLY

ITEM #300

NOTE: STH 50 (MAINLINE) - NO PAINTING



I-43 SB ON RAMP FROM STH 50



NOTE: 425' FROM STOPBAR TERMINI

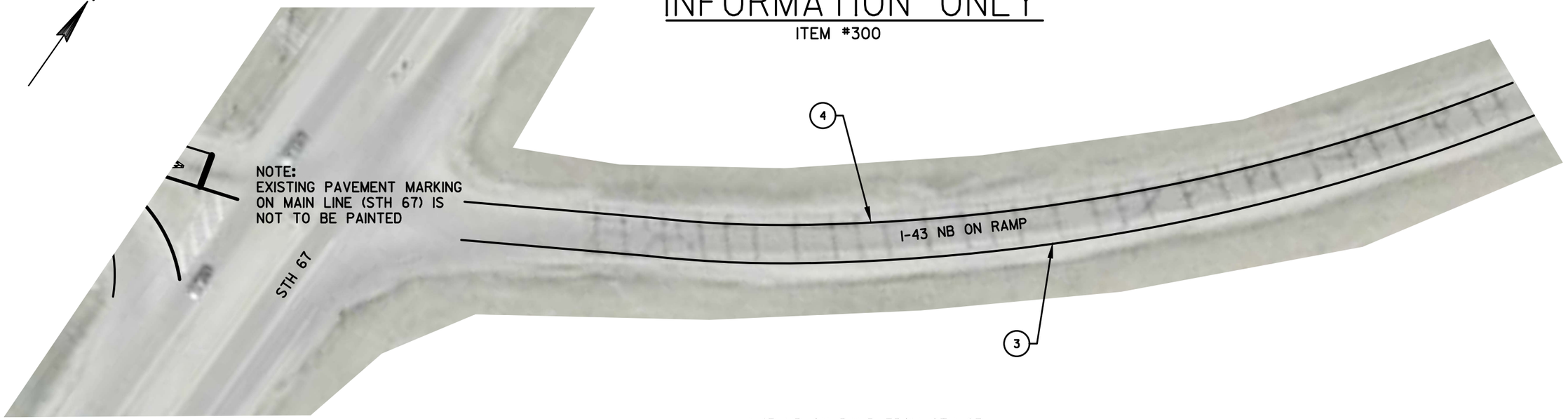
I-43 SB OFF RAMP TO STH 50

SHEET 6 OF 8

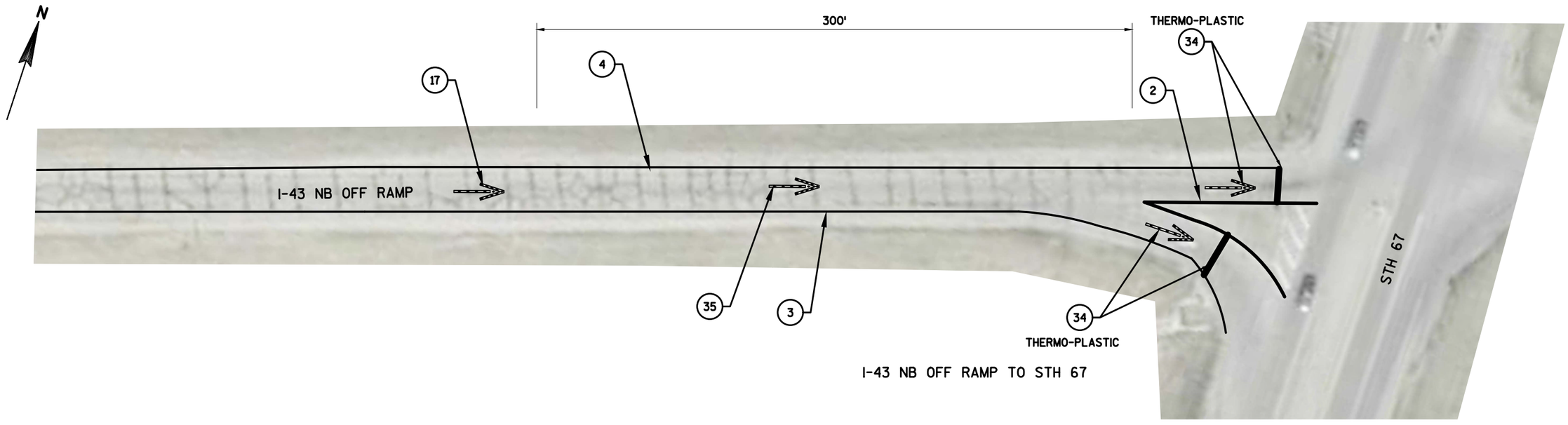
PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - STH 50	SHEET 146	E

INFORMATION ONLY

ITEM #300



I-43 NB ON RAMP FROM STH 67



I-43 NB OFF RAMP TO STH 67

SHEET 7 OF 8

PROJECT NO:1000-77-19	HWY:I-43	COUNTY:WALWORTH	PAVEMENT MARKING DETAIL - STH 67	SHEET 147	E

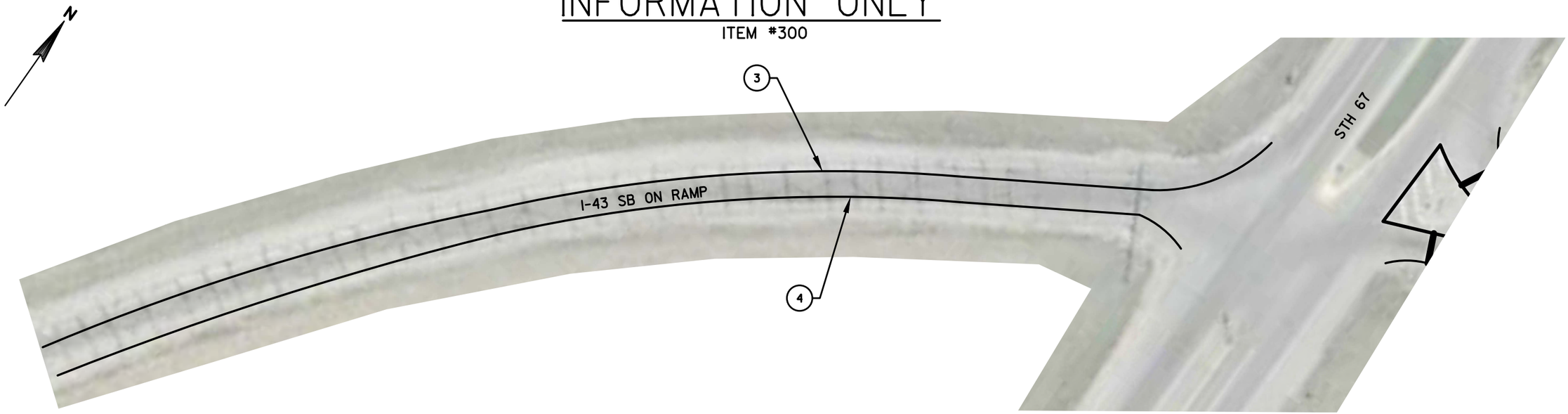
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_300_PM_SECT-B.DWG
LAYOUT NAME - B-12

PLOT DATE : 1/17/2019 9:05 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

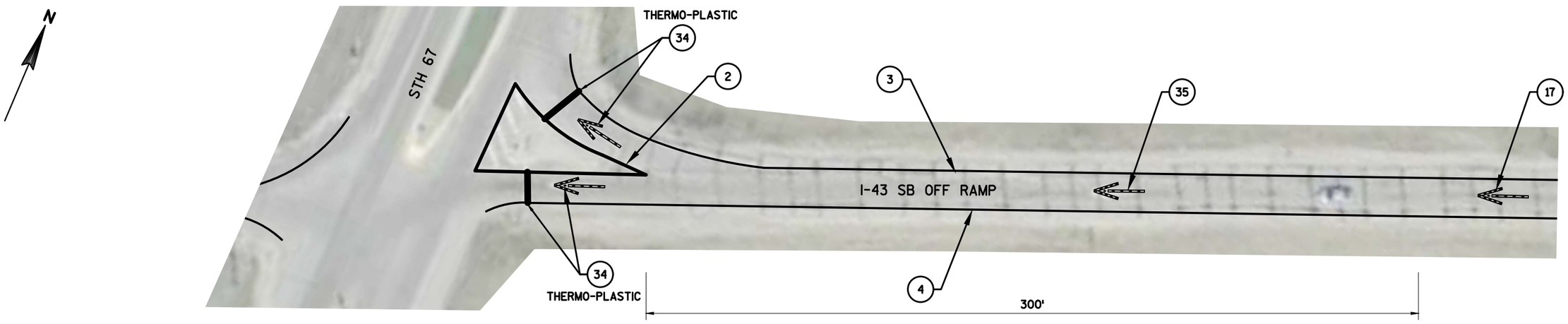
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #300



I-43 SB ON RAMP FROM STH 67



I-43 SB OFF RAMP TO STH 67

SHEET 8 OF 8

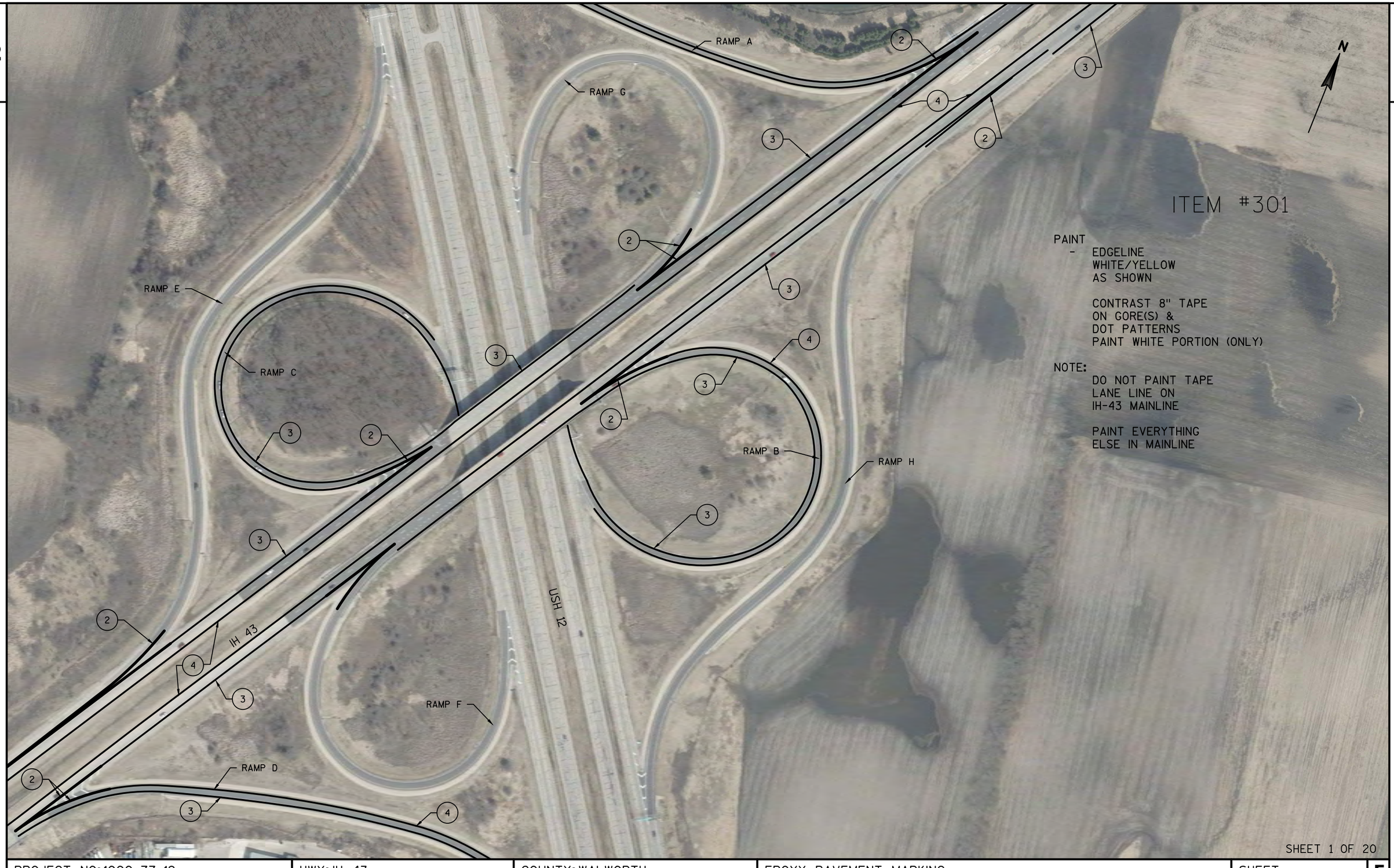
PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - STH 67	SHEET 148	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_300_PM_SECT-B.DWG
LAYOUT NAME - B-13

PLOT DATE : 1/17/2019 9:05 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



ITEM #301

PAINT
- EDGELINE
  WHITE/YELLOW
  AS SHOWN

  CONTRAST 8" TAPE
  ON GORE(S) &
  DOT PATTERNS
  PAINT WHITE PORTION (ONLY)

NOTE:
DO NOT PAINT TAPE
LANE LINE ON
IH-43 MAINLINE

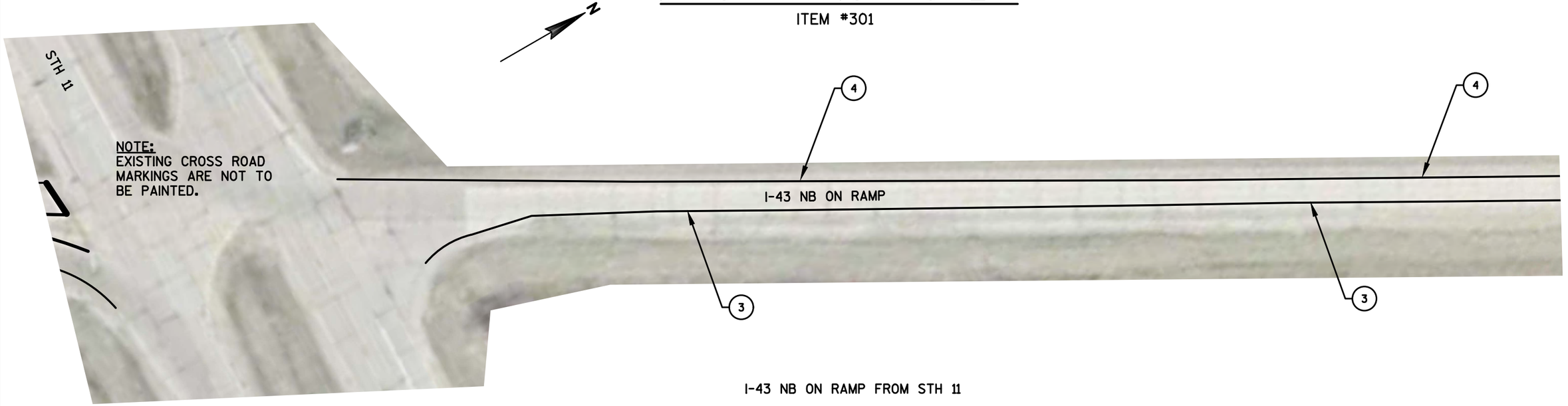
PAINT EVERYTHING
ELSE IN MAINLINE

SHEET 1 OF 20

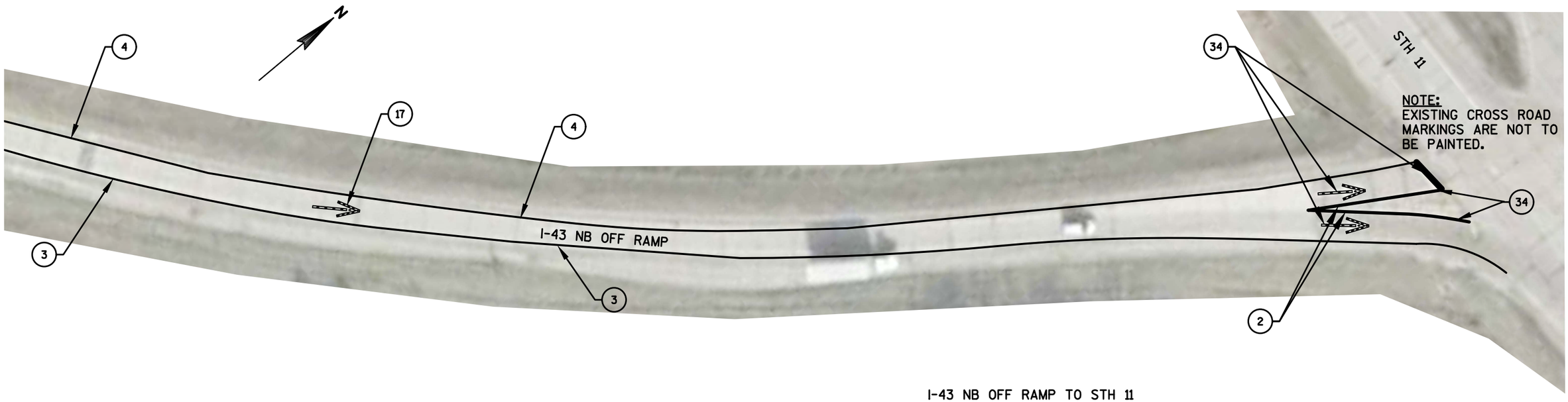
PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 149	E

INFORMATION ONLY

ITEM #301



I-43 NB ON RAMP FROM STH 11



I-43 NB OFF RAMP TO STH 11

PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - STH 11	SHEET 150	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_301_PM_SECT-F.DWG
LAYOUT NAME - F-28
PLOT DATE : 1/17/2019 9:01 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

ITEM #301

N

REFRESH:
- EDGELINES
WHITE/YELLOW
AS SHOWN

STH 11

"NO WORK"

IH 43 (SB) ON RAMP

IH 43 (SB)

SHEET 3 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 151	E

2

ITEM #301

N

IH 43 (SB) OFF RAMP

3

34

4

34

2

34

3

4

34

STH 11

"NO WORK"

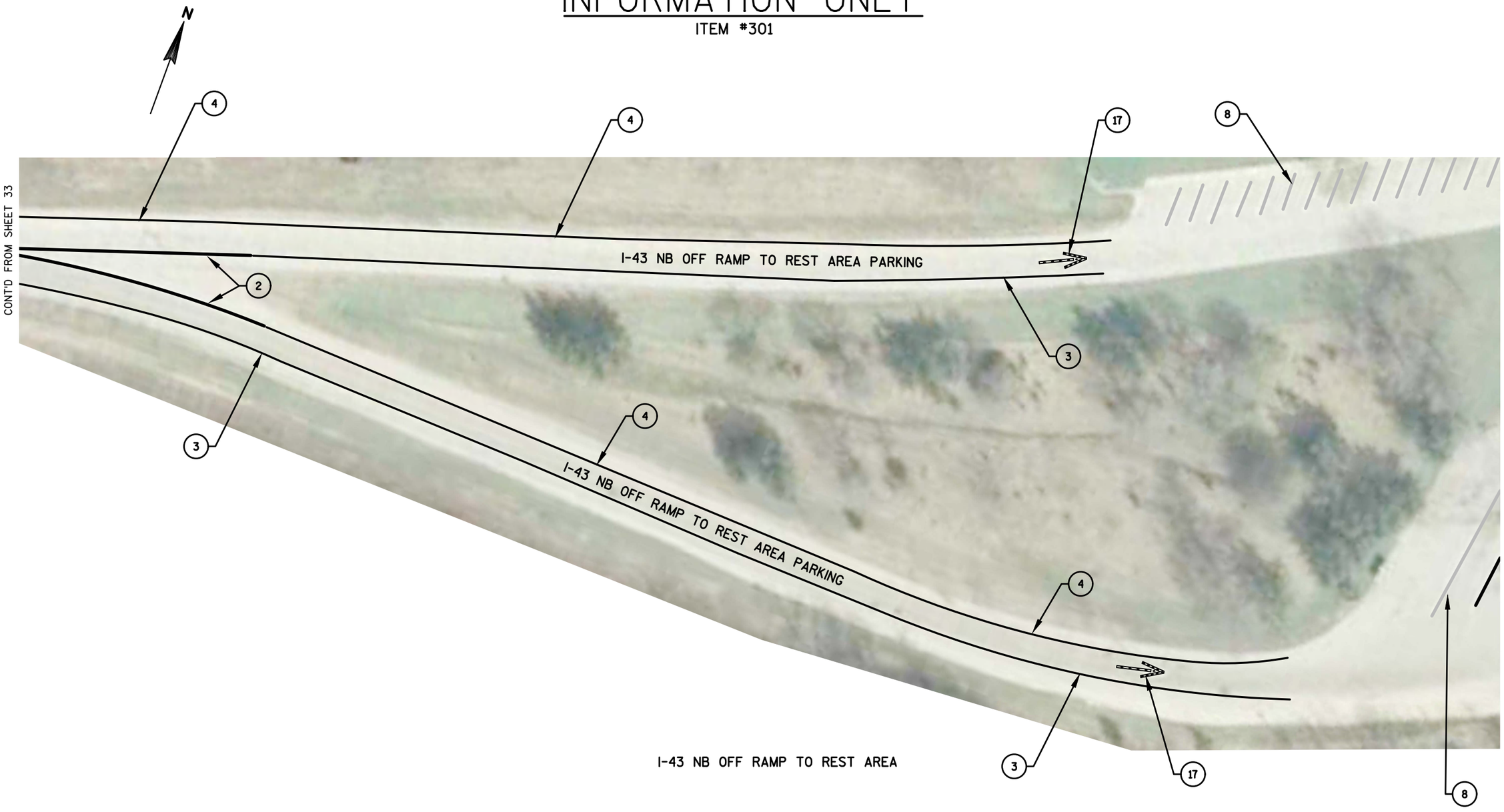
IH 43 (SB)

SHEET 4 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 152	E

INFORMATION ONLY

ITEM #301



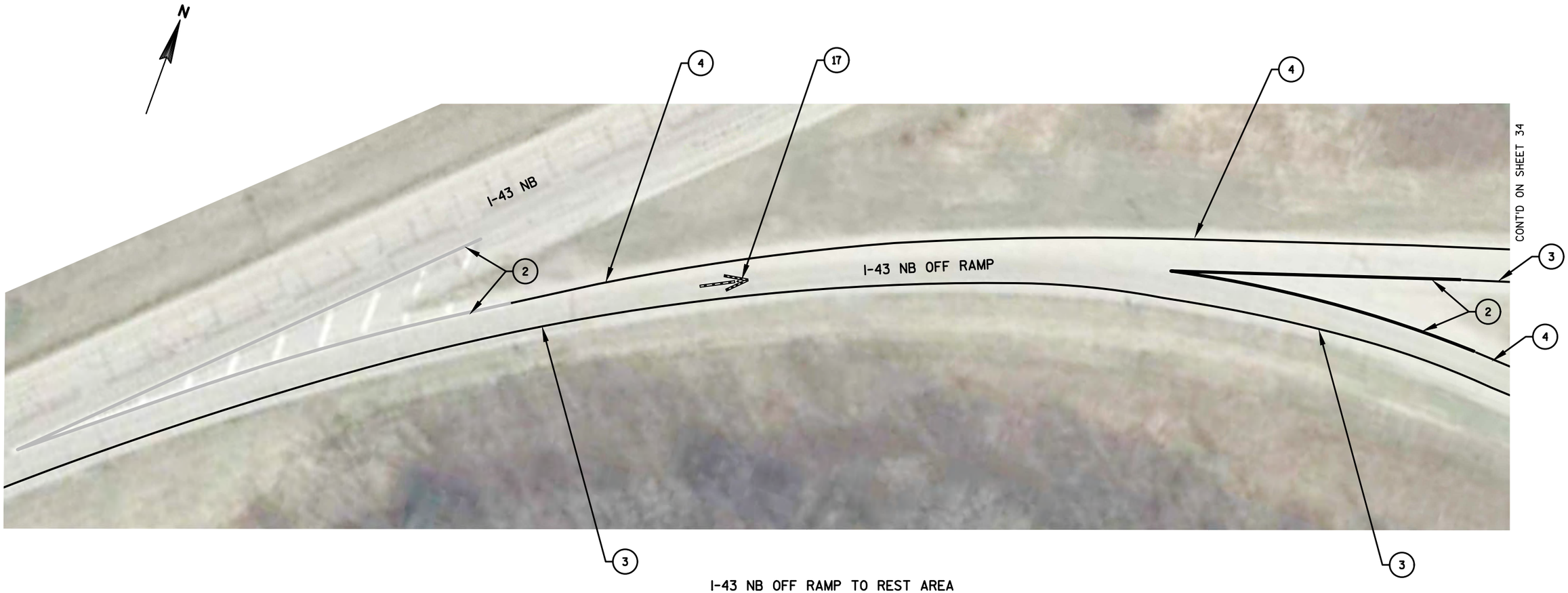
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_301_PM_SECT-F.DWG
LAYOUT NAME - F-30

PLOT DATE : 1/17/2019 9:01 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #301



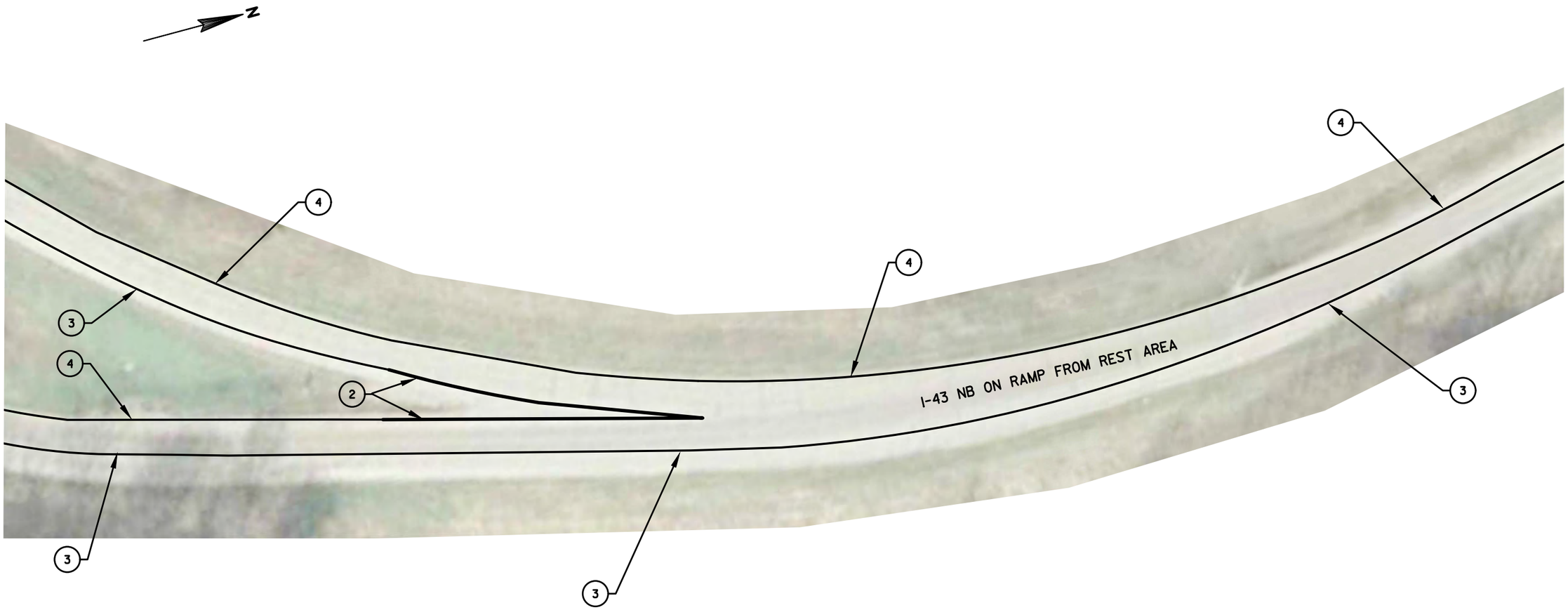
I-43 NB OFF RAMP TO REST AREA

PROJECT NO:1000-77-19	HWY:I-43	COUNTY:WALWORTH	PAVEMENT MARKING DETAIL - REST AREA	SHEET 154	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_301_PM_SECT-F.DWG
LAYOUT NAME - F-29
PLOT DATE : 1/17/2019 9:01 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #301



I-43 NB ON RAMP FROM REST AREA

SHEET 7 OF 20

PROJECT NO:1000-77-19	HWY:I-43	COUNTY:WALWORTH	PAVEMENT MARKING DETAIL - REST AREA	SHEET 155	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_301_PM_SECT-F.DWG
LAYOUT NAME - F-31

PLOT DATE : 1/17/2019 9:01 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

ITEM #301



SHEET 8 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 156	E

2

ITEM #301



SHEET 9 OF 20

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 157 E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/15/2019 8:28 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



SHEET 10 OF 20

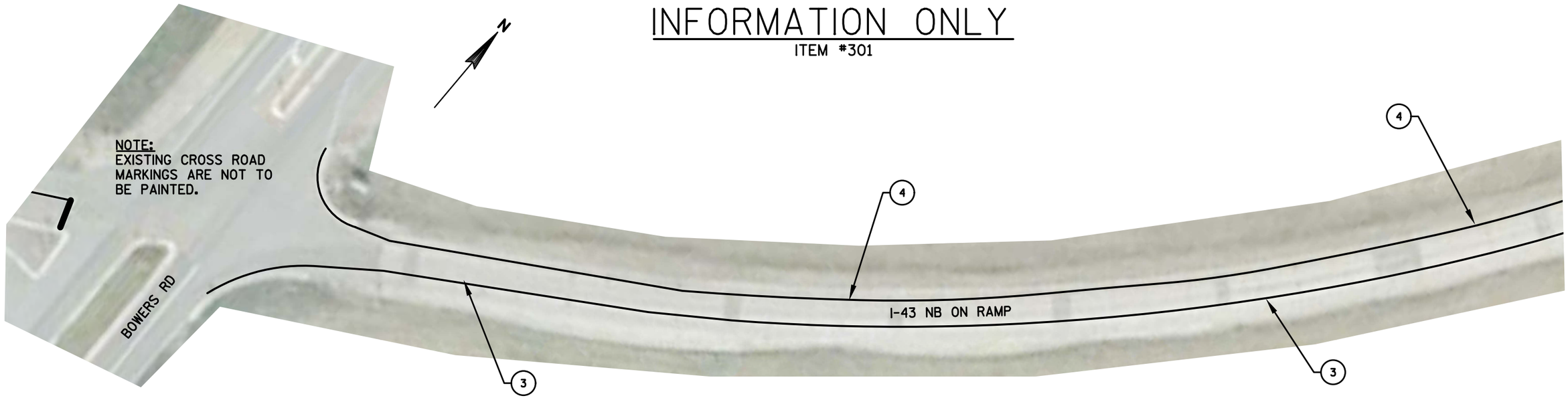
PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 158	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ****

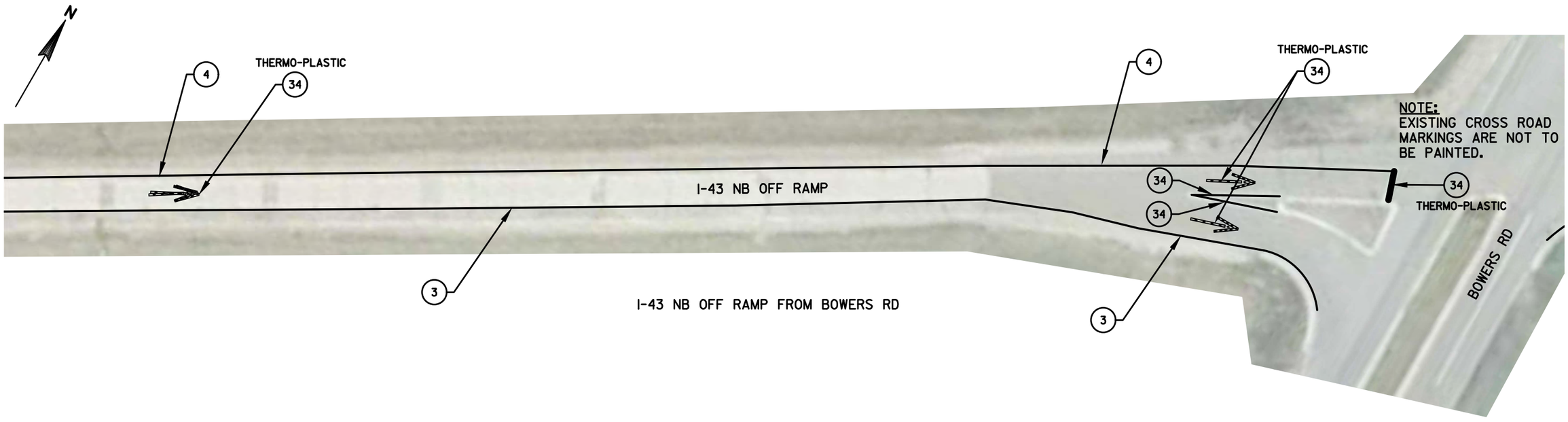
PLOT DATE : 1/15/2019 8:28 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

INFORMATION ONLY

ITEM #301



I-43 NB ON RAMP FROM BOWERS RD



I-43 NB OFF RAMP FROM BOWERS RD

2

2

ITEM #301

N

"NO WORK"

BOWERS RD

IH 43 (SB) ON RAMP

IH 43 (SB)

3

4

3

4

SHEET 12 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 160	E

2



SHEET 13 OF 20

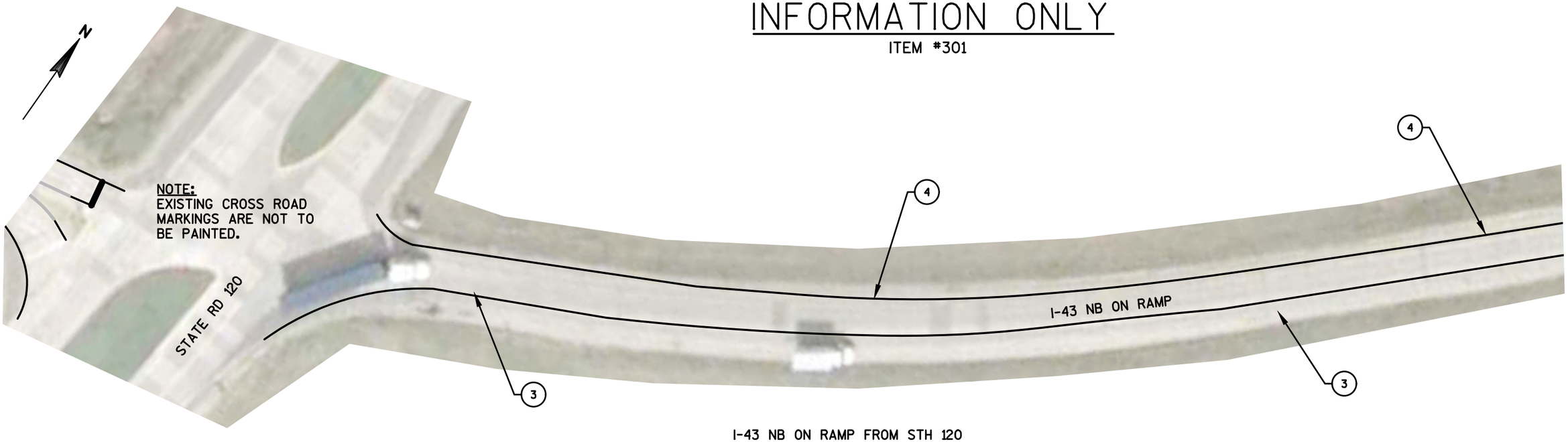
PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 161	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ****

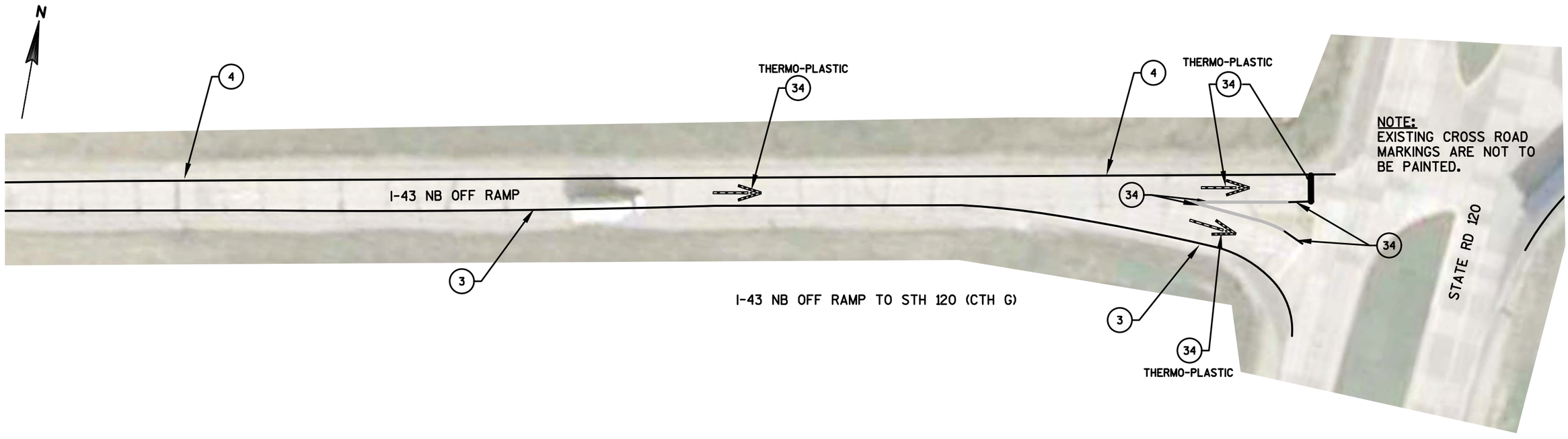
PLOT DATE : 1/15/2019 8:29 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

INFORMATION ONLY

ITEM #301



I-43 NB ON RAMP FROM STH 120



I-43 NB OFF RAMP TO STH 120 (CTH G)

2



SHEET 15 OF 20

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 163	E

2

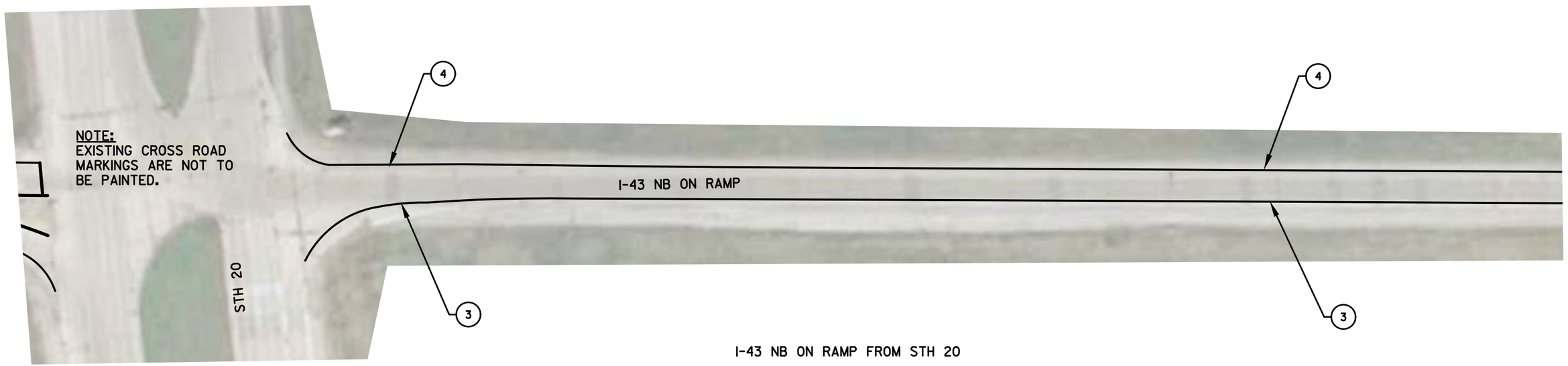


SHEET 16 OF 20

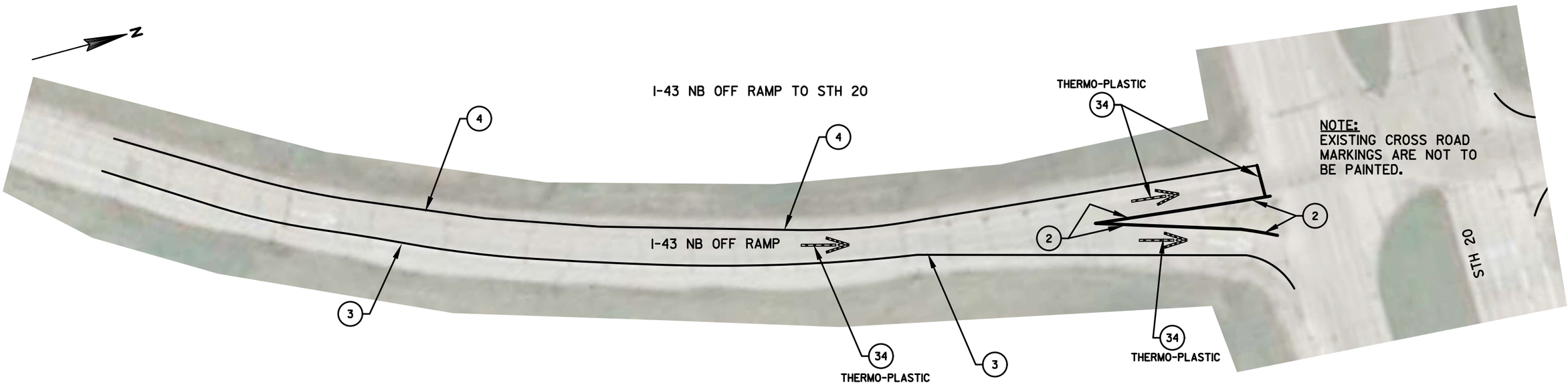
PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 164	E

INFORMATION ONLY

ITEM #301



I-43 NB ON RAMP FROM STH 20



34 EXISTING MARKING(S) OR SPECIAL MARKING(S) (NEW THERMOPLASTIC), CONTRAST TAPE ETC... DO NOT PAINT

SHEET 17 OF 20

PROJECT NO: 1000-77-19	HWY: I-43	COUNTY: WALWORTH	PAVEMENT MARKING DETAIL - STH 20	SHEET 165	E

2

2

ITEM #301

N

34 EXISTING MARKING(S) OR SPECIAL MARKING(S) (NEW THERMOPLASTIC), CONTRAST TAPE ETC... DO NOT PAINT

IH 43 (SB) OFF RAMP

3

4

34

34

34

34

THERMO-PLASTIC

STH 20

SHEET 18 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ####

PLOT DATE : 1/15/2019 8:29 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



SHEET 19 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 167	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/15/2019 8:29 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



SHEET 20 OF 20

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 168	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-301_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/15/2019 8:29 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

ITEM #302

IH 43

NOTE:
"NO WORK"
NO PAINT ON
CROSS ROAD

IH 43 (NB) OFF RAMP

ONLY

ONLY

STH 83

SHEET 1 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 169	E

2

ITEM #302

N

NOTE:
"NO WORK"
NO PAINT ON
CROSS ROAD

STH 83

IH 43 (NB) ON RAMP

4

1

3

9

SHEET 2 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 170	E

2

ITEM #302

N

2

20

19

19

3

17

ONLY

ONLY

IH 43 (SB) OFF RAMP

2

1

4

2

23

21

STH 83 "NO WORK"

IH 43

SHEET 3 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-302_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 12:39 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ITEM #302



NOTE:
"NO WORK"
NO PAINT ON
CROSS ROAD

SHEET 4 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 172	E

ITEM #302

IH 43 (NB)

IH 43 (NB) OFF RAMP

STH 164

NOTE:
"NO WORK"
NO PAINT ON
CROSS ROAD

17
3
4
21
23
20
2
33
4
3

SHEET 5 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 173	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-302_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 12:39 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

ITEM #302

STH 164

"NO WORK"

OFF RAMP

ON RAMP TO IH 43 (SB)

IH 43 (SB)

2 20 23 21 3 17 4 3 4

SHEET 6 OF 6

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WAUKESHA	EPOXY PAVEMENT MARKING	SHEET 174	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-302_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 12:39 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

INFORMATION ONLY

ITEM #303



USH 12 ON/OFF RAMP @ STH 67 (WISC. ST.)

SHEET 1 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 175	E

INFORMATION ONLY

ITEM #303



USH 12 COLLECTOR RAMP @ I-43 INTERCHANGE

SHEET 2 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 176	E

INFORMATION ONLY

ITEM #303

USH 12 COLLECTOR RAMP @ I-43 INTERCHANGE



SHEET 3 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 177	E

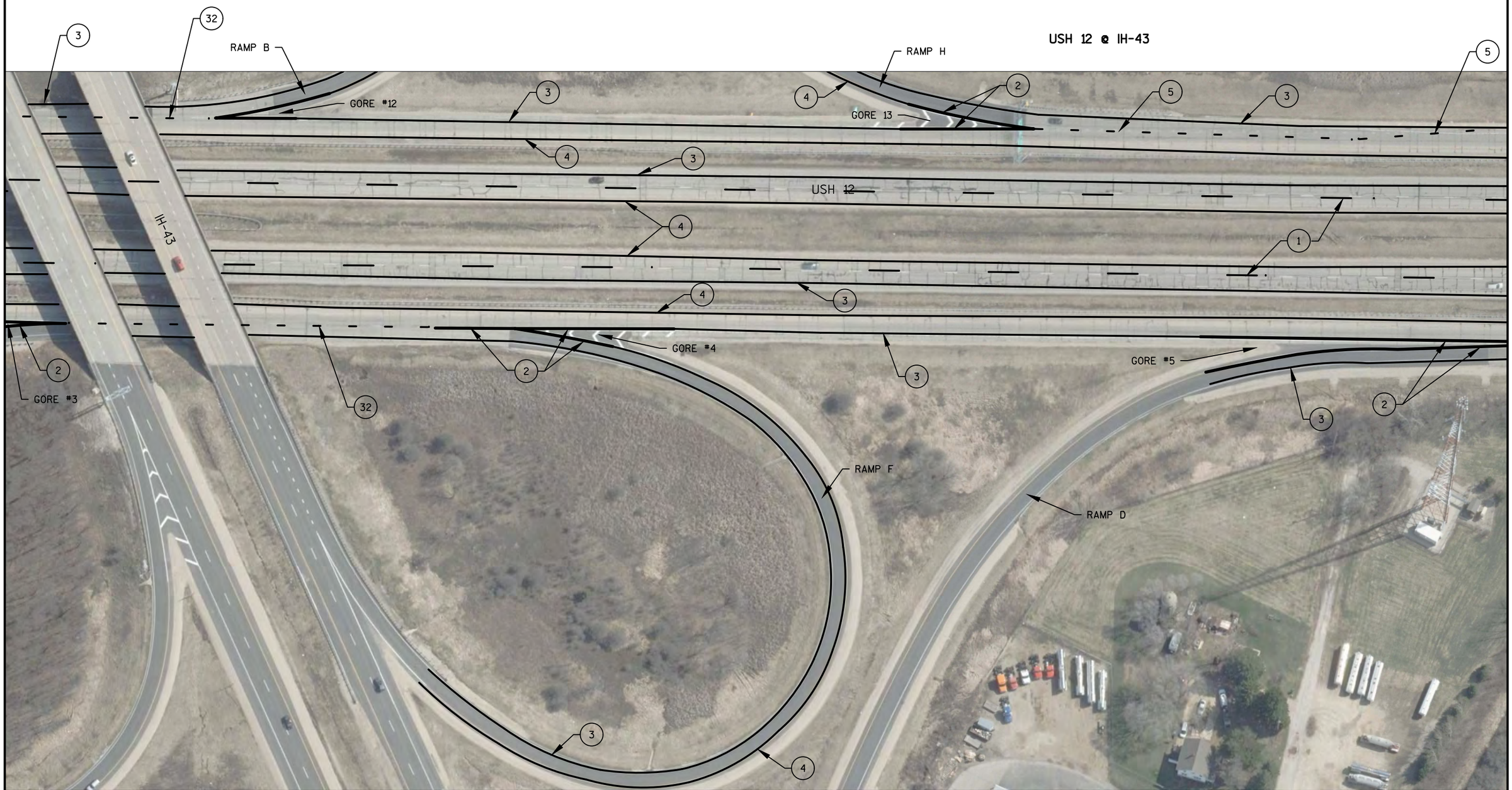
2

2

INFORMATION ONLY

ITEM #303

USH 12 @ IH-43



SHEET 4 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 178	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_303_PM_SECT-M.DWG
LAYOUT NAME - ****
PLOT DATE : 1/17/2019 9:11 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

2

ITEM #303

N

PAINT: 8" CONTRAST TAPE WHITE PORTION AT GORE(S)

RAMP A

RAMP G

RAMP H

RAMP B

RAMP C

RAMP E

RAMP F

RAMP D

USH 12

(IH 43)

SHEET 5 OF 10

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 179	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-303_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/17/2019 9:36 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:300 FT

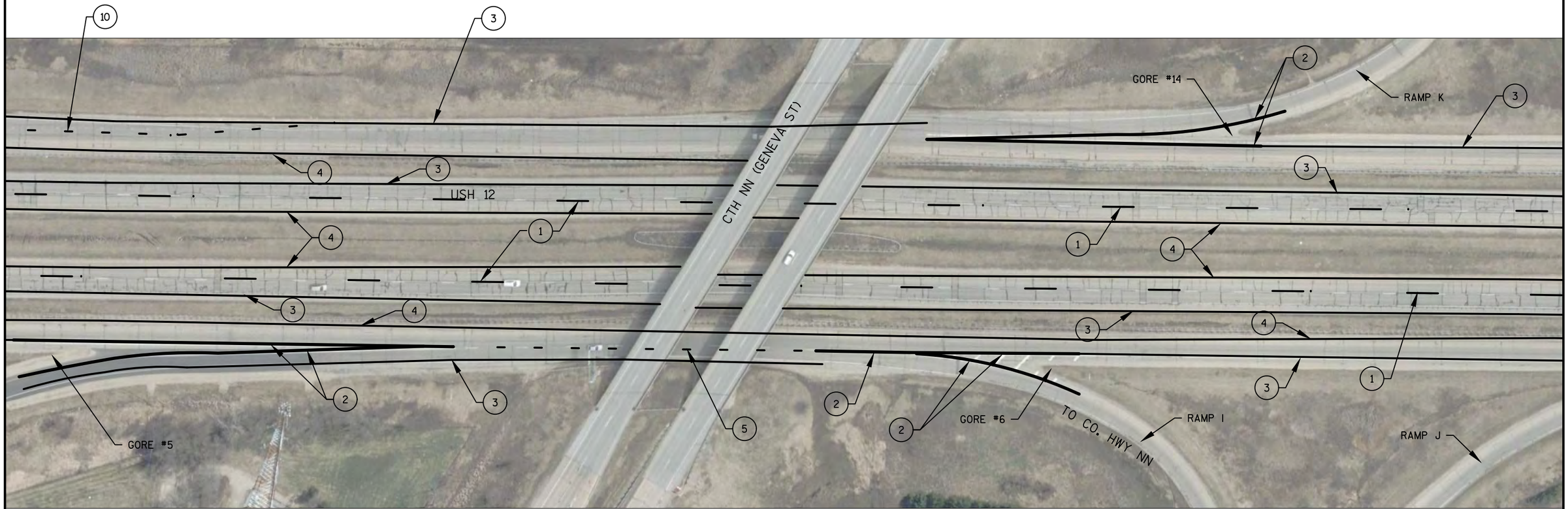
WISDOT/CADDS SHEET 42

2

INFORMATION ONLY

ITEM #303

USH 12 @ IH-43



SHEET 6 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 180	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_303_PM_SECT-M.DWG
LAYOUT NAME - ****

PLOT DATE : 1/17/2019 9:11 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

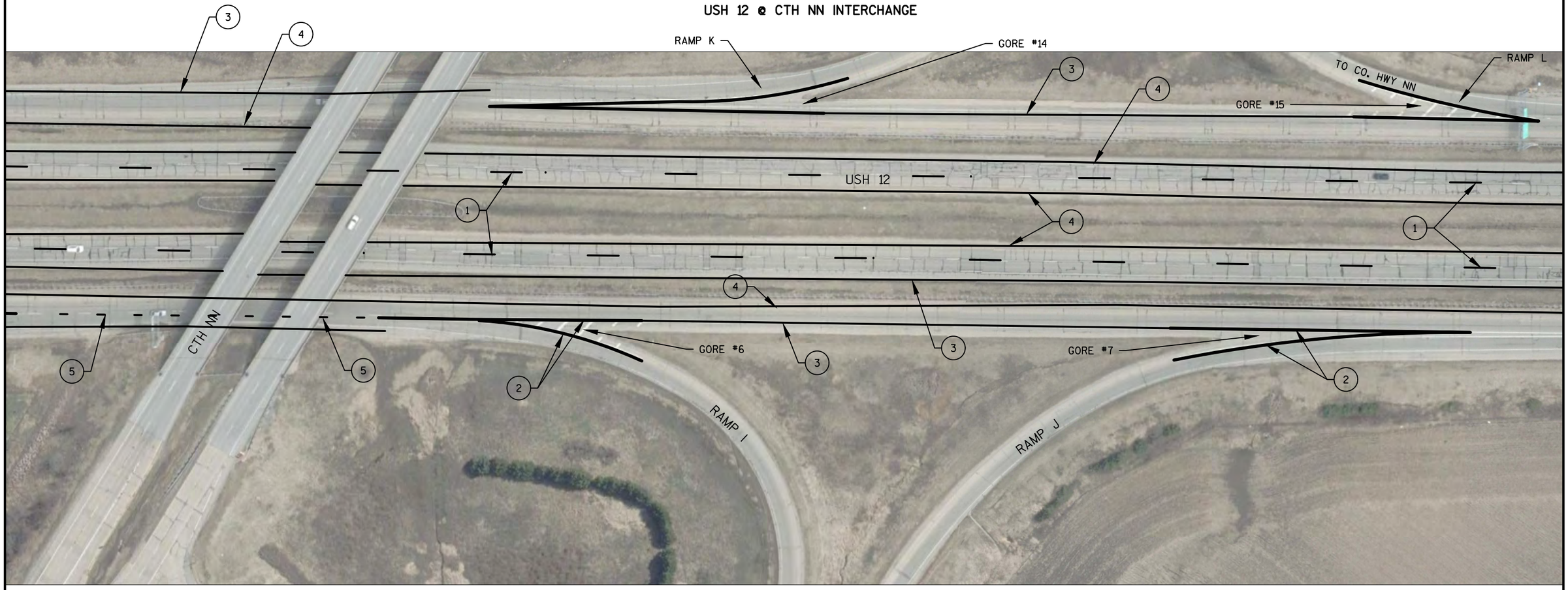
2

INFORMATION ONLY

ITEM #303

2

USH 12 @ CTH NN INTERCHANGE



SHEET 7 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 181	E

2

ITEM #303



SHEET 8 OF 10

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 182	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-303_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/17/2019 9:36 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

ITEM #303

2

USH 12

OVERVIEW OF COLLECTOR RAMPS
@ IH-43 & CTH NN

N

GORE #9
GORE #1
GORE #10
IH 43
USH 12
GORE #11
GORE #2
GORE #12
GORE #3
GORE #13
GORE #4
GORE #5
GORE #14
CTH NN
USH 12
GORE #6
USH 12
GORE #15
GORE #7
GORE #16
GORE #8
IH 43

SHEET 9 OF 10

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: WALWORTH	EPOXY PAVEMENT MARKING	SHEET 183	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-303_PM.DWG
LAYOUT NAME - ****

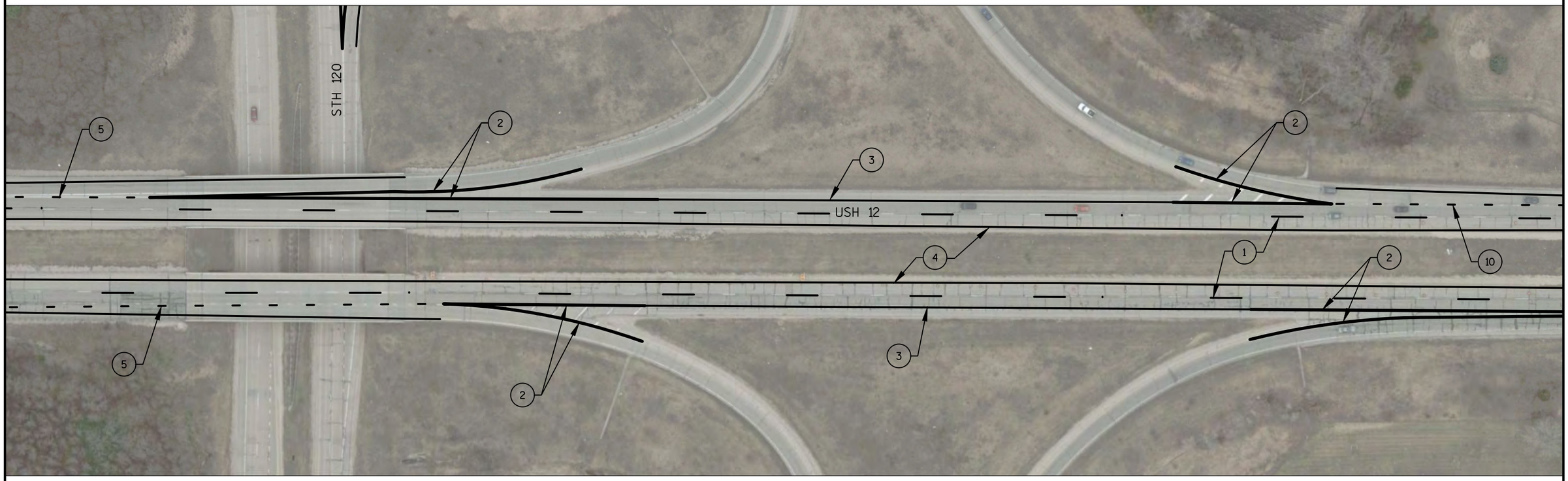
PLOT DATE : 1/17/2019 9:36 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

INFORMATION ONLY

ITEM #303

USH 12 @ STH 120



NOTE:

RAMPS DONE BY OTHERS
(3190-00-70)

SHEET 10 OF 10

PROJECT NO: 1000-77-19	HWY: USH 12	COUNTY: WALWORTH	PERMANENT MARKING DETAIL - USH 12	SHEET 184	E

ITEM #304

BEGIN PAINTING

IH 94 (WB)

IH 94 (EB)

ONLY

ONLY

68TH ST.

"NO WORK"

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 1 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 185	E

2

2

ITEM #304

N

IH 94 (WB)

IH 94 (EB)

BEGIN PAINTING

4

21

18

200'

100'

21

23

24

1

5

20

W. KEARNEY ST.

2

5

3

ONLY

ONLY

19

20

18

69TH ST.

68TH ST.

"NO WORK"

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 2 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 186	E

ITEM #304

IH 94 (WB)

IH 94 (EB)

W. KEARNEY ST.

S. 70TH ST.

"NO WORK"

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 3 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 187 E

ITEM #304

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

N

200'

68TH ST.

IH 94 (WB)

IH 94 (EB)

IH 94 (WB) OFF RAMP

SHEET 4 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 188	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-304_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 1:56 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

ITEM #304

N

S. 70TH ST.

S. 69TH ST.

OCONNER ST.

IH 94 (WB)

IH 94 (EB)

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 5 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 189	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-304_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 1:56 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

ITEM #304

S. 70TH ST.

S. 72ND ST.

IH 94 (EB)

IH 94 (WB)

N

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 6 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 190	E

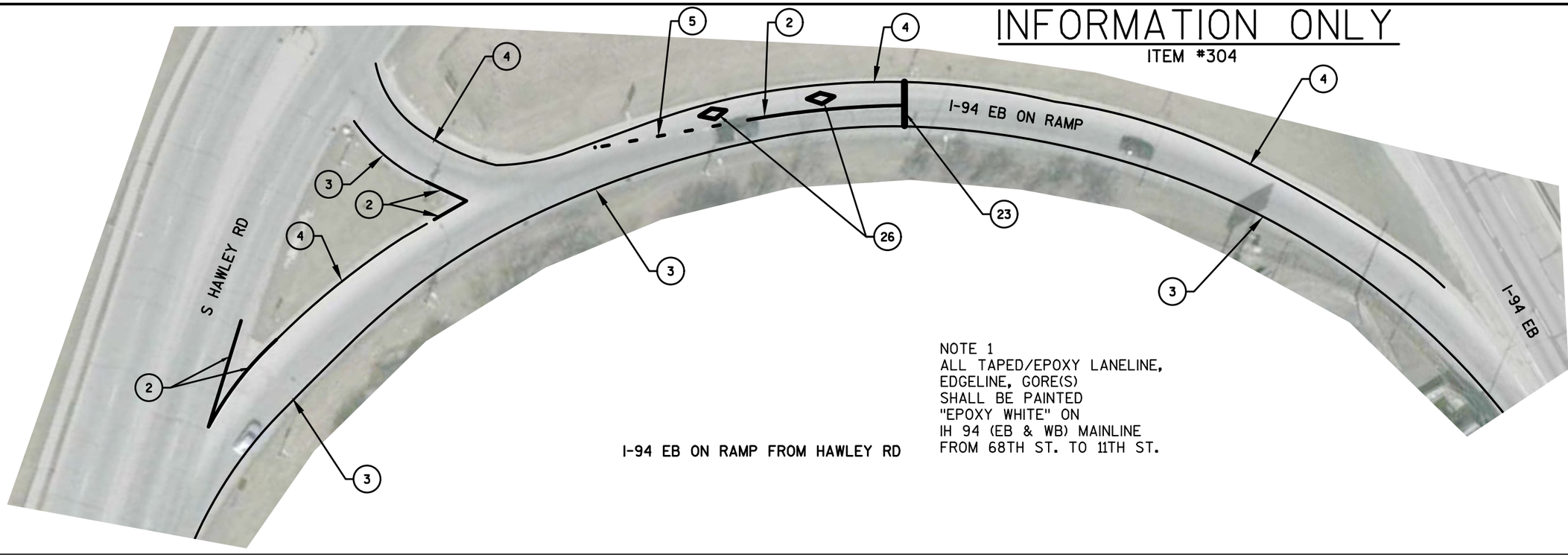
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-304_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 1:57 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

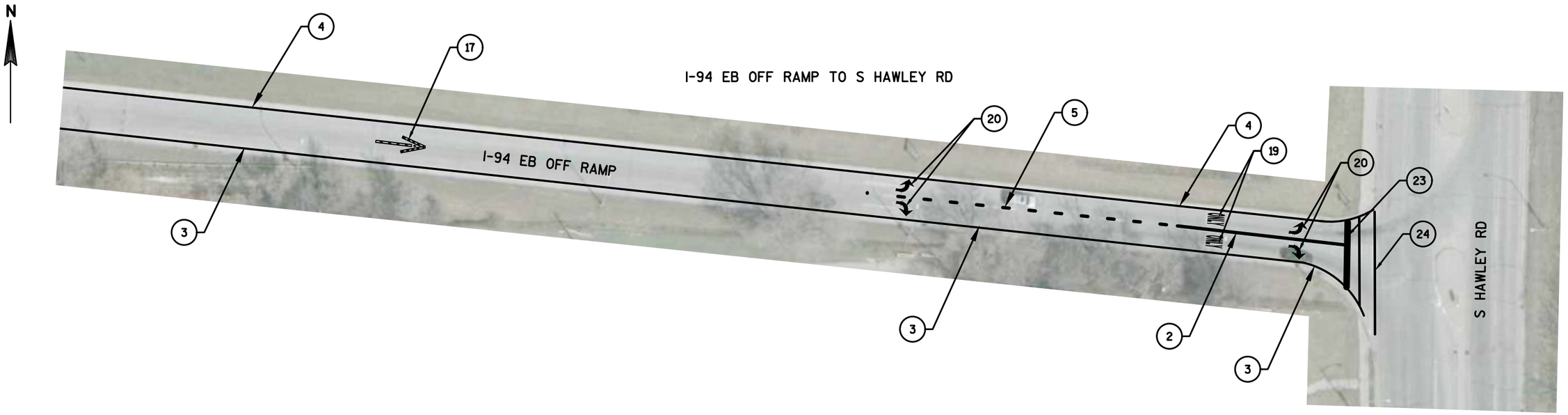
INFORMATION ONLY

ITEM #304



I-94 EB ON RAMP FROM HAWLEY RD

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.



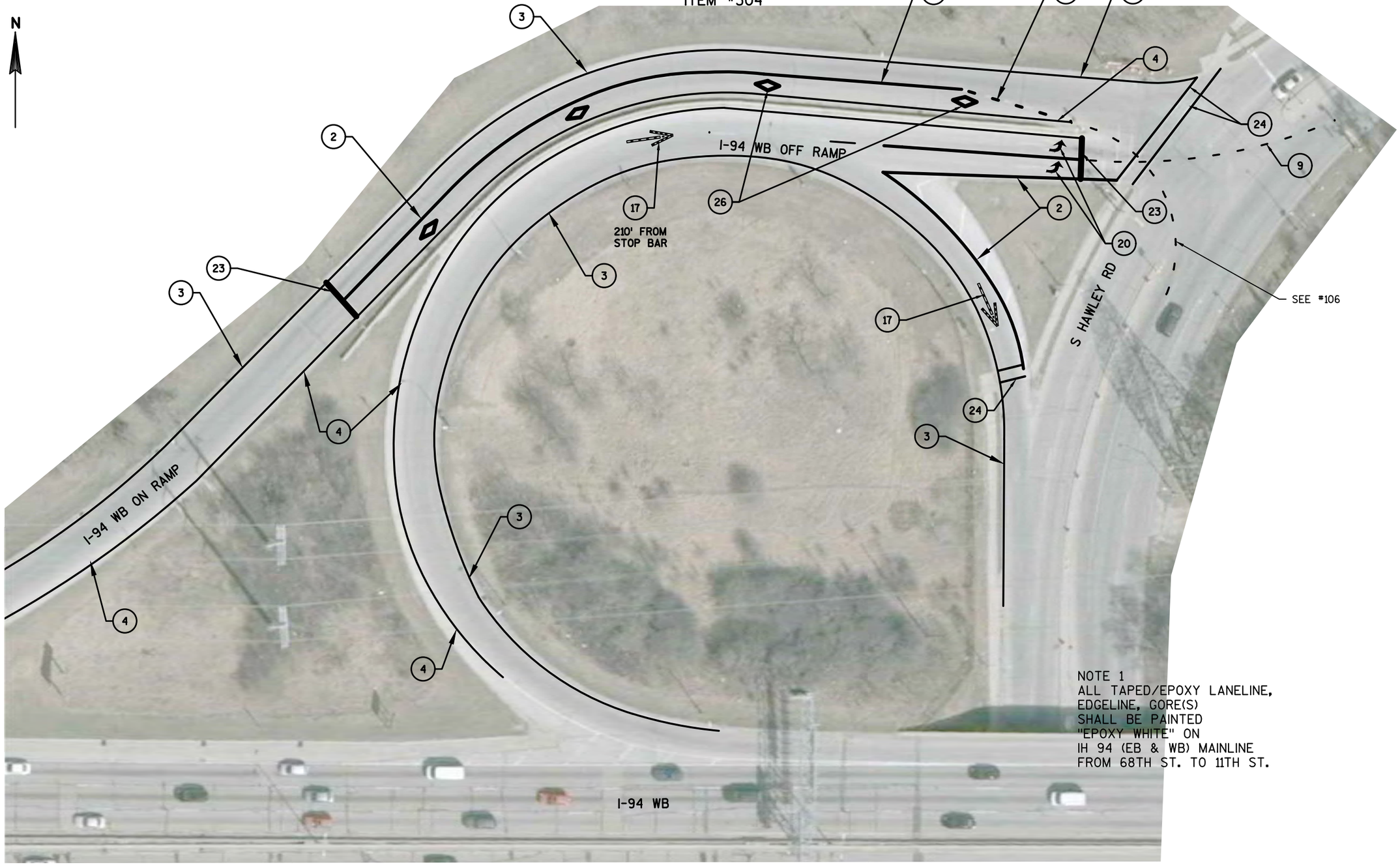
I-94 EB OFF RAMP TO S HAWLEY RD

SHEET 7 OF 17

PROJECT NO:1000-77-19	HWY:I-94	COUNTY:MILWAUKEE	PAVEMENT MARKING DETAIL - S HAWLEY RD	SHEET 191	E

INFORMATION ONLY

ITEM #304



NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

I-94 WB OFF & ON RAMPS @ S HAWLEY RD

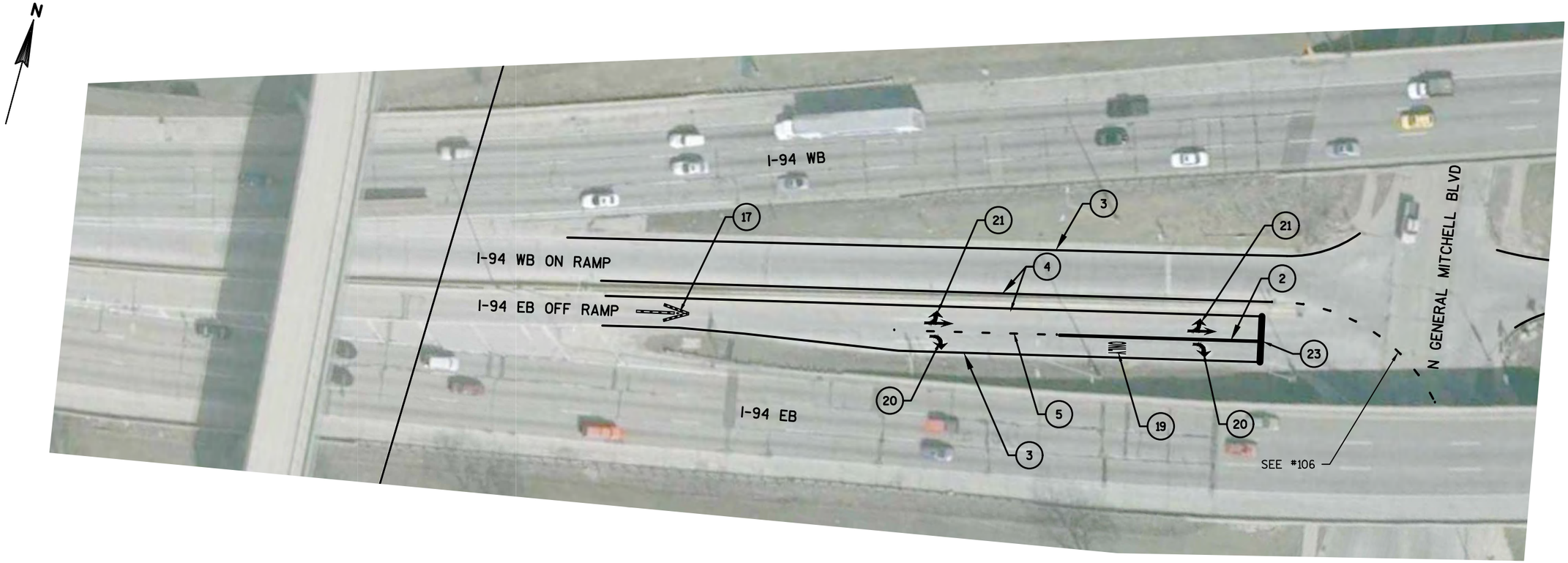
SHEET 8 OF 17

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL - S HAWLEY RD	SHEET 192	E

INFORMATION ONLY

ITEM #304

2



I-94 EB OFF RAMP & WB ON RAMP @ N GENERAL MITCHELL BLVD

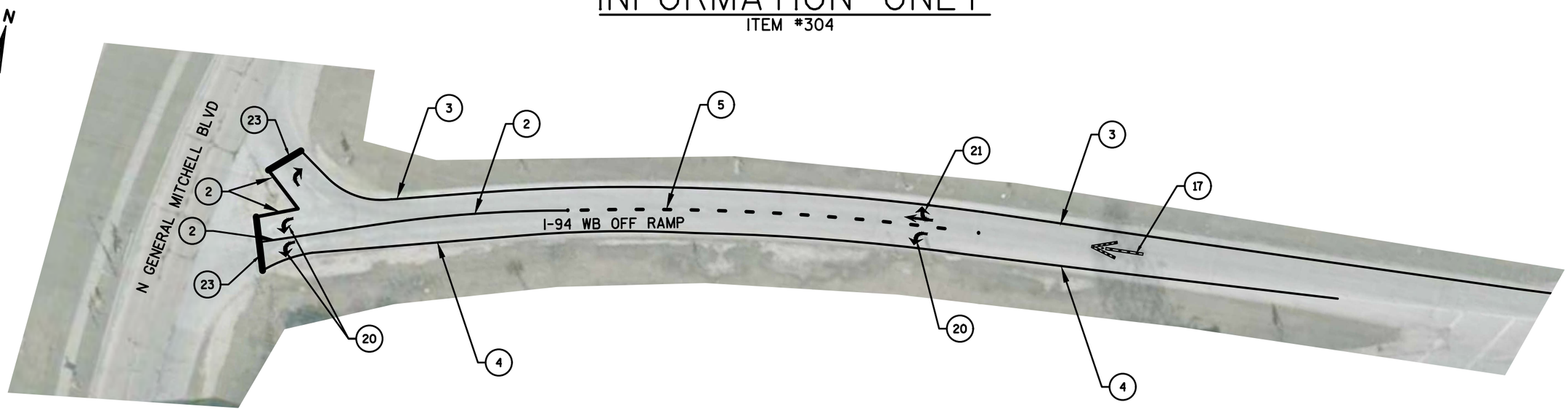
NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL - N GENERAL MITCHELL BLVD	SHEET 193	E

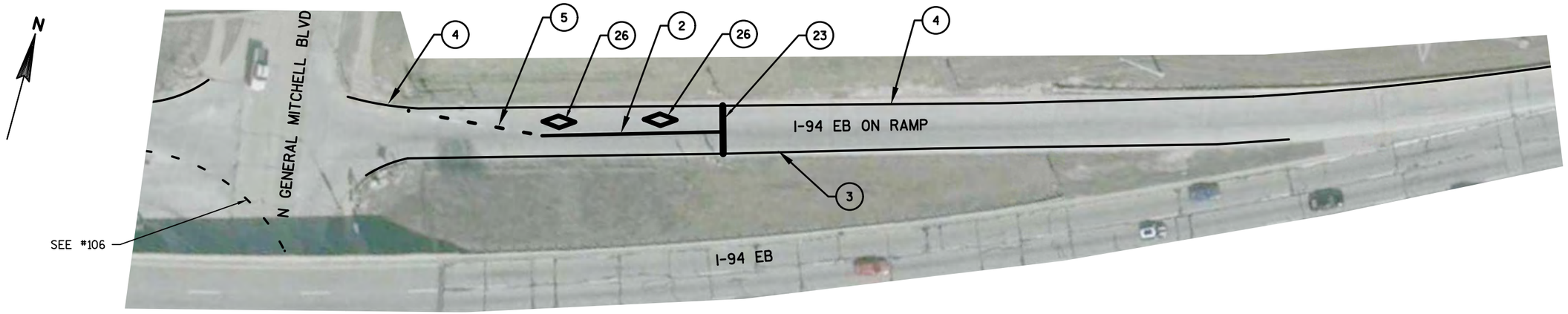
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_304_PM_SECT-H.DWG
LAYOUT NAME - H-53
PLOT DATE : 1/14/2019 1:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #304



I-94 WB OFF RAMP TO N GENERAL MITCHELL BLVD



I-94 EB ON RAMP FROM GENERAL MITCHELL BLVD

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_304_PM_SECT-H.DWG
LAYOUT NAME - H-54
PLOT DATE : 1/14/2019 1:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

ITEM #304

N

E-N RAMP
IH 94 (WB)
W-N RAMP
IH 94 (EB)
E-S RAMP
MILLER PARK WAY
STH 175
W-S RAMP

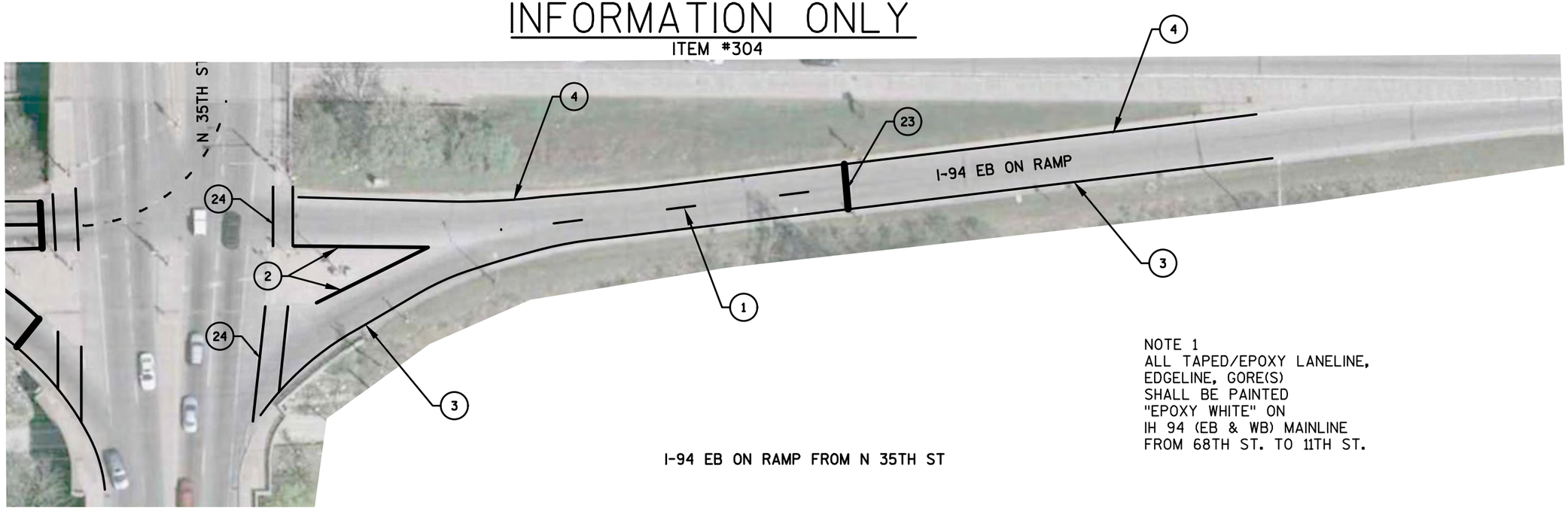
SHEET 11 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	EPOXY PAVEMENT MARKING	SHEET 195	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-304_PM.DWG
LAYOUT NAME - ####
PLOT DATE : 1/14/2019 1:57 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:150 FT

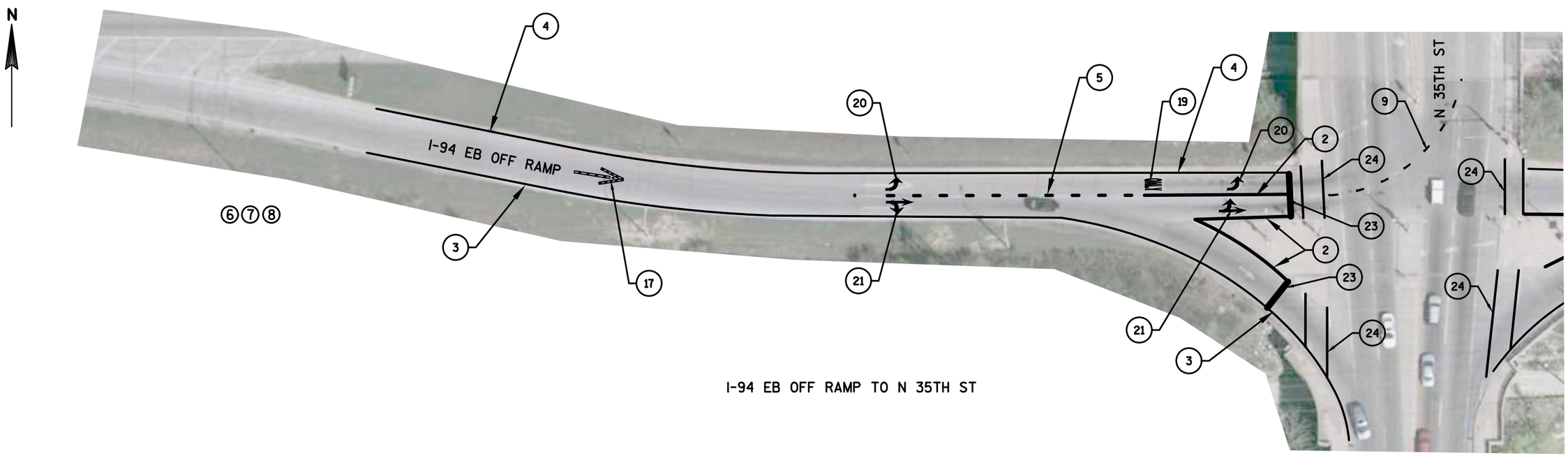
INFORMATION ONLY

ITEM #304



I-94 EB ON RAMP FROM N 35TH ST

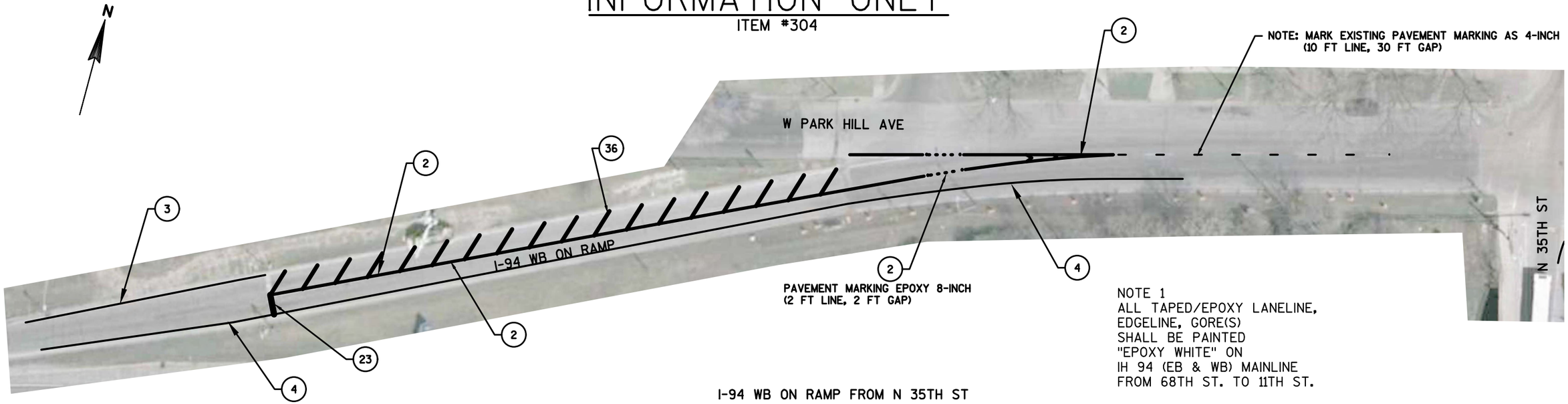
NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.



I-94 EB OFF RAMP TO N 35TH ST

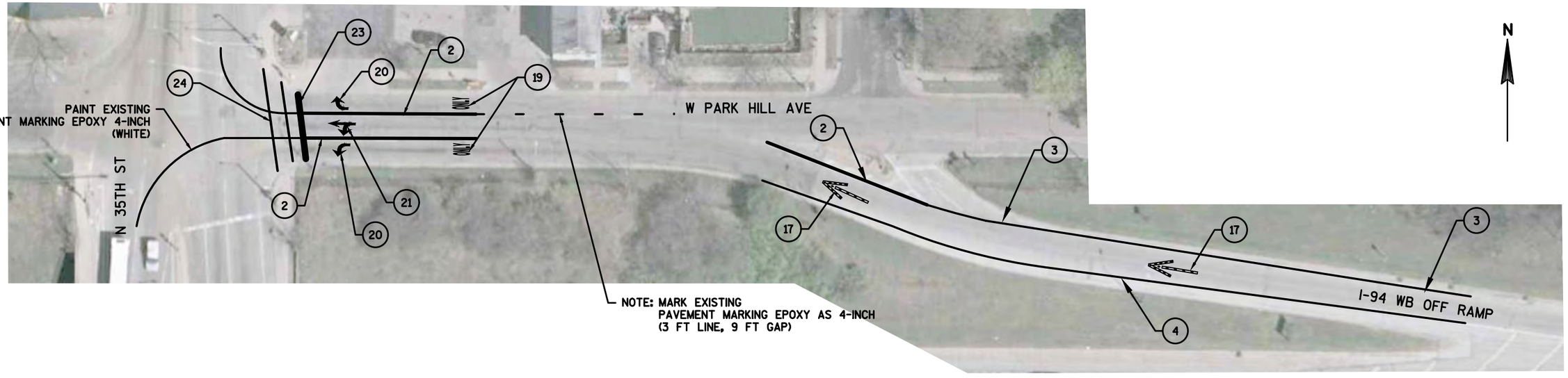
INFORMATION ONLY

ITEM #304



NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

I-94 WB ON RAMP FROM N 35TH ST



I-94 WB OFF RAMP TO N 35TH ST

SHEET 13 OF 17

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL - N 35TH ST	SHEET 197	E

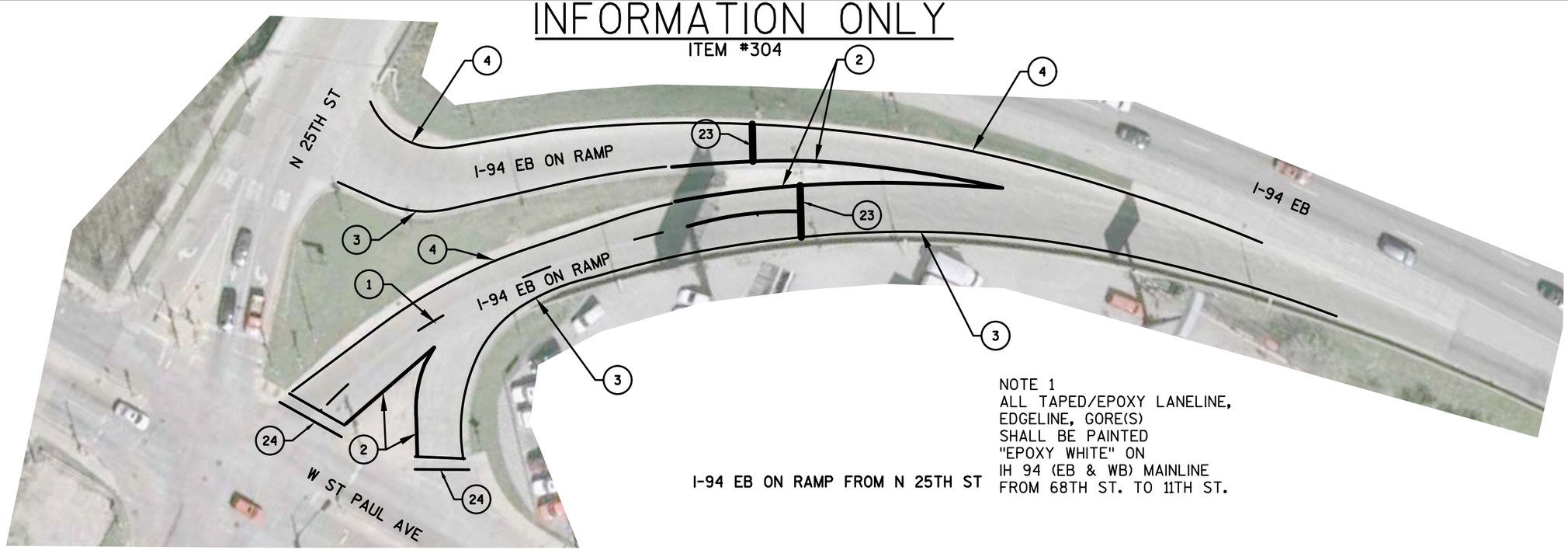
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_304_PM_SECT-H.DWG
LAYOUT NAME - H-56

PLOT DATE : 1/14/2019 1:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

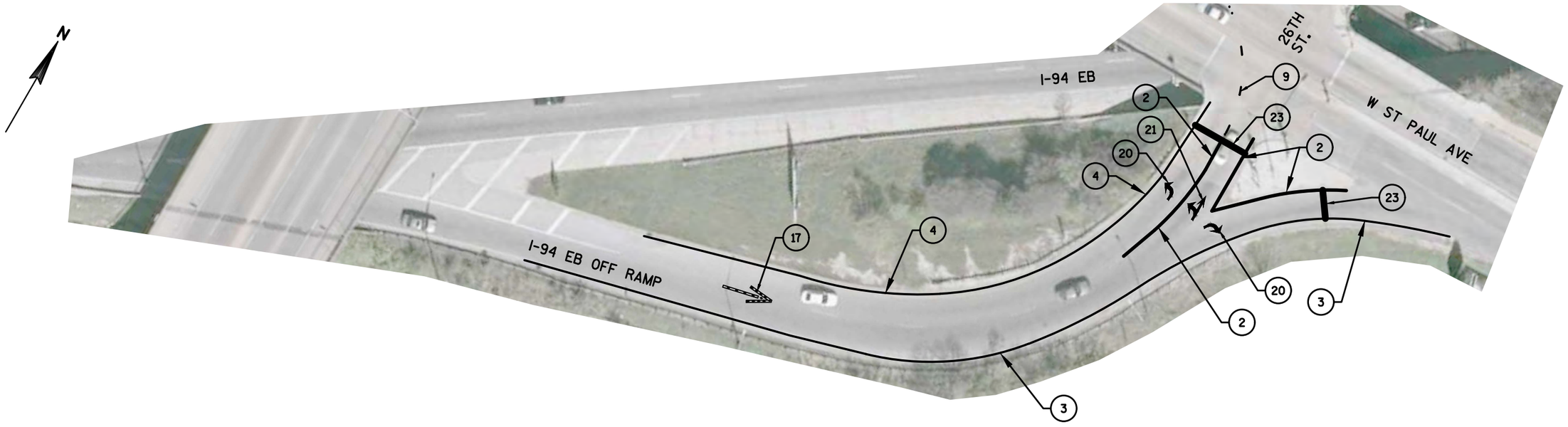
INFORMATION ONLY

ITEM #304



I-94 EB ON RAMP FROM N 25TH ST

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.



I-94 EB OFF RAMP TO N 26TH ST

SHEET 14 OF 17

PROJECT NO:1000-77-19	HWY:I-94	COUNTY:MILWAUKEE	PAVEMENT MARKING DETAIL - N 25TH ST & N 26TH ST	SHEET 198	E

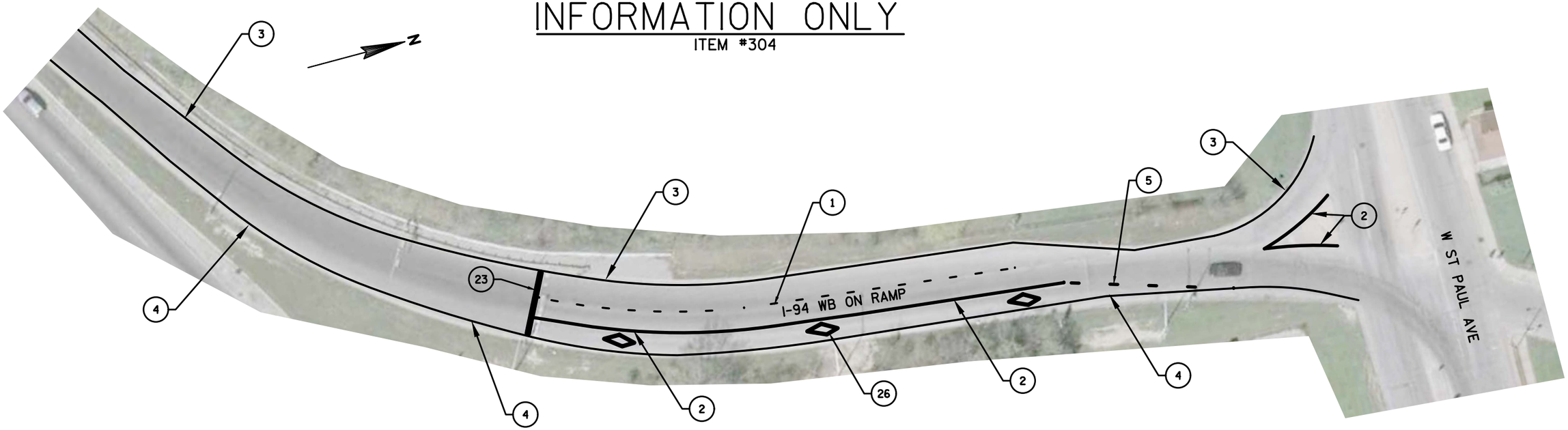
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_304_PM_SECT-H.DWG
LAYOUT NAME - H-57

PLOT DATE : 1/14/2019 1:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

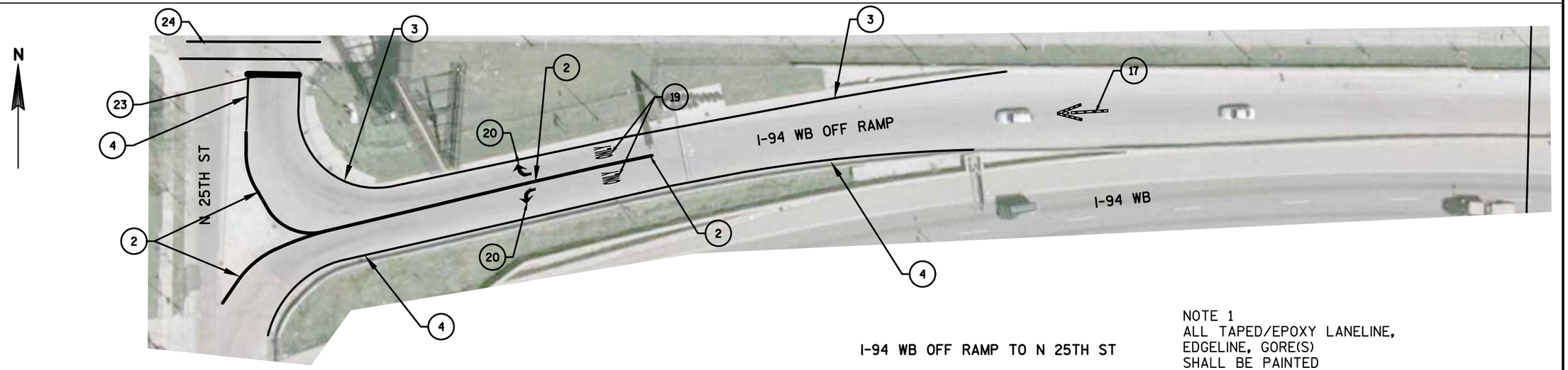
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #304



I-94 WB ON RAMP FROM N 28TH/29TH ST & ST PAUL AVE



I-94 WB OFF RAMP TO N 25TH ST

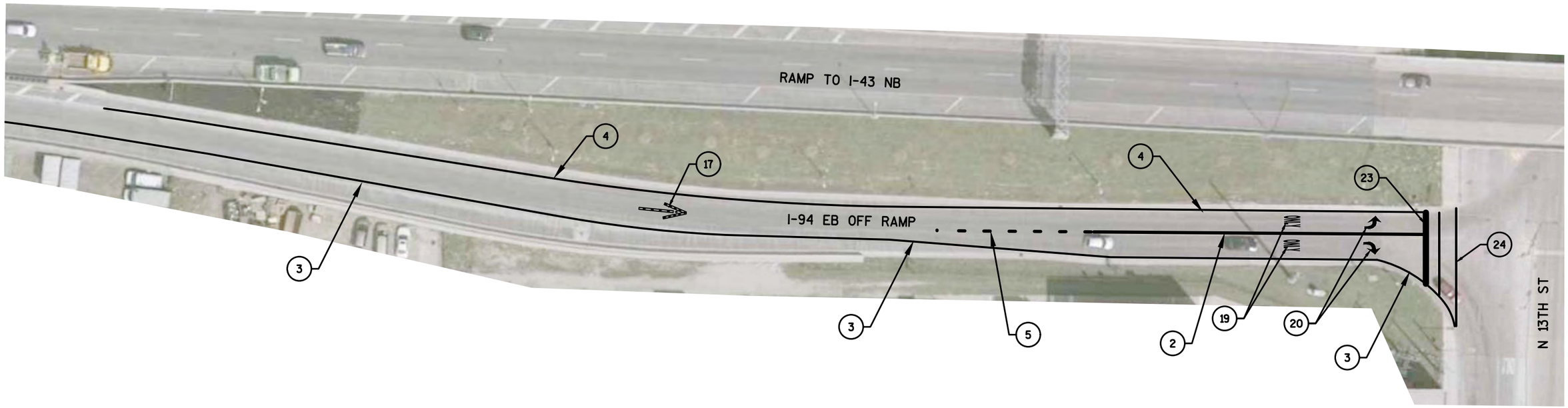
NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

SHEET 15 OF 17

PROJECT NO:1000-77-19	HWY:I-94	COUNTY:MILWAUKEE	PAVEMENT MARKING DETAIL - N 25TH ST & 28TH/29TH ST	SHEET 199	E

INFORMATION ONLY

ITEM #304



I-94 EB OFF RAMP TO N 13TH ST

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

PROJECT NO:1000-77-19	HWY:I-94	COUNTY:MILWAUKEE	PAVEMENT MARKING DETAIL - N 13TH ST	SHEET 200	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM_304_PM_SECT-H.DWG
LAYOUT NAME - H-59
PLOT DATE : 1/14/2019 1:55 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

ITEM #304

NOTE 1
ALL TAPED/EPOXY LANELINE, EDGELINE, GORE(S) SHALL BE PAINTED "EPOXY WHITE" ON IH 94 (EB & WB) MAINLINE FROM 68TH ST. TO 11TH ST.

NOTE: MATCH EXISTING 8" MARKINGS

TAG NUMBER

BEGIN PAINTING

N

IH 94 (EB)

IH 94 (WB)

IH 94 (WB) ON RAMP

11TH ST.

W. TORY HILL ST.

SHEET 17 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 201	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-304A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2

PLOT DATE : 1/14/2019 1:58 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

ITEM #305

NATIONAL AVE.

IH 94 (EB)

IH 94 (WB)

NOTE 1
- PAINT MAINLINE IH-94 (IH-43) EDGELINE

DO NOT PAINT LANE LINE(S)

4

3

3

N

SHEET 1 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 202	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

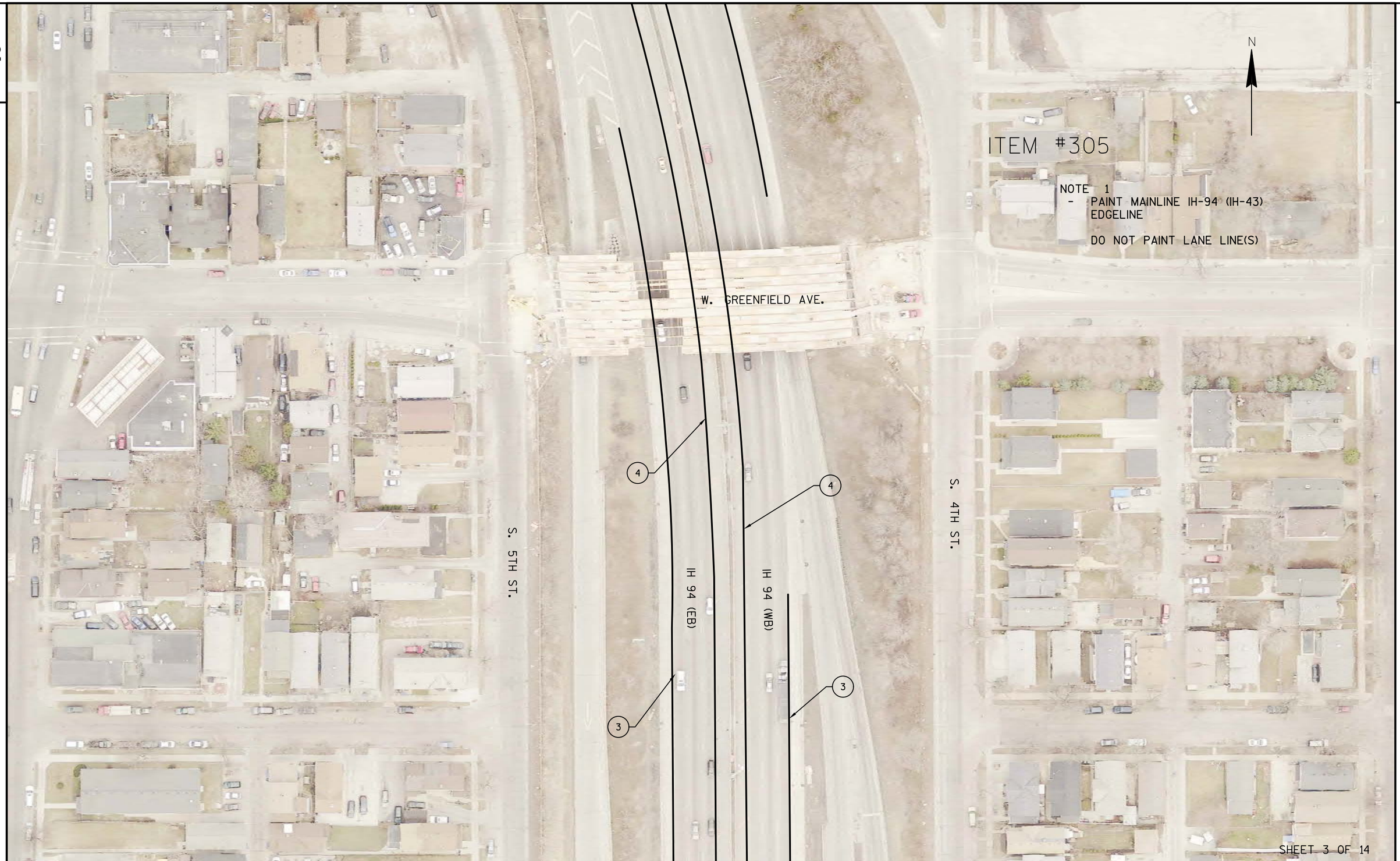
2

2



SHEET 2 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 203	E



SHEET 3 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 204	E

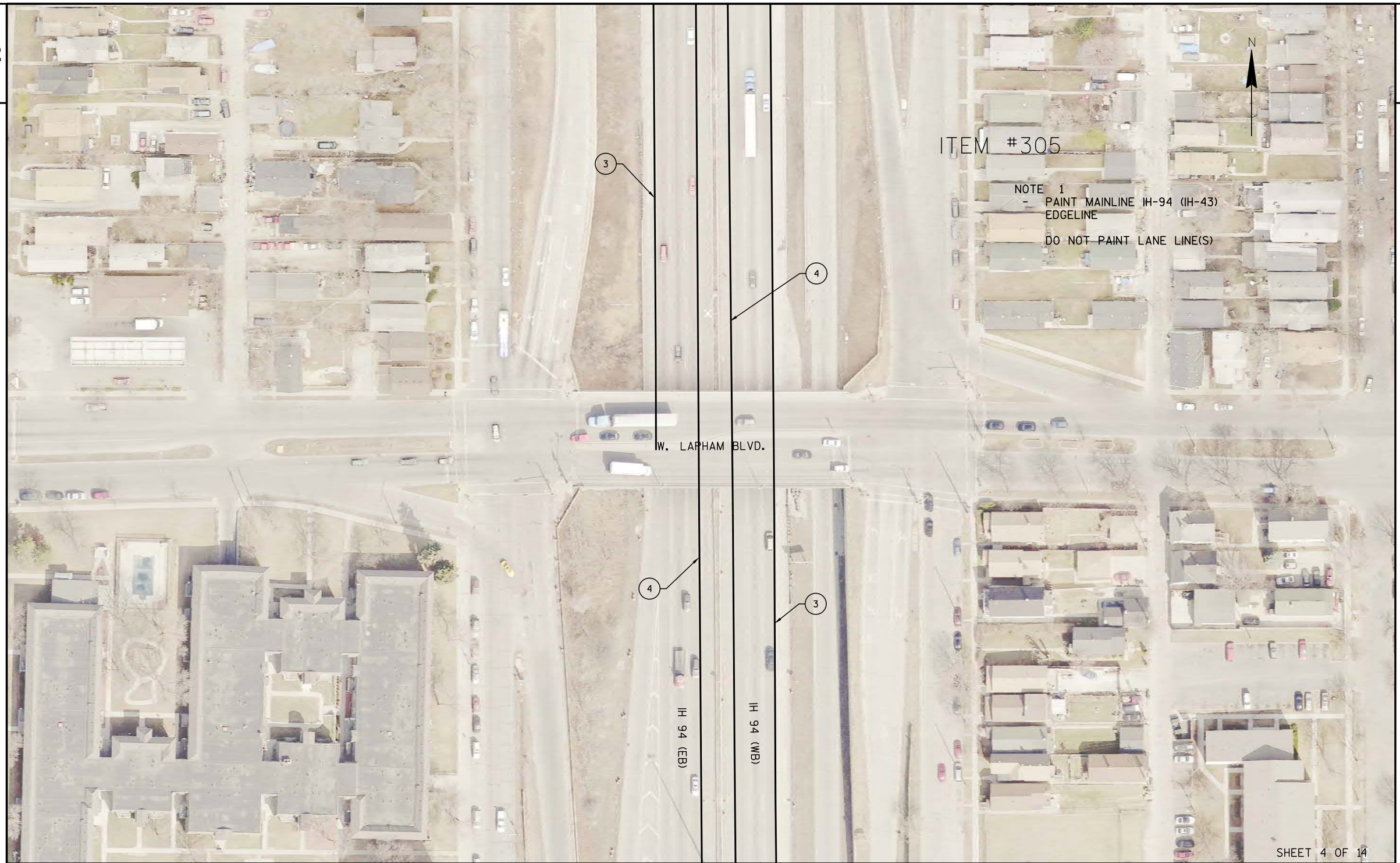
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

2



SHEET 4 OF 14

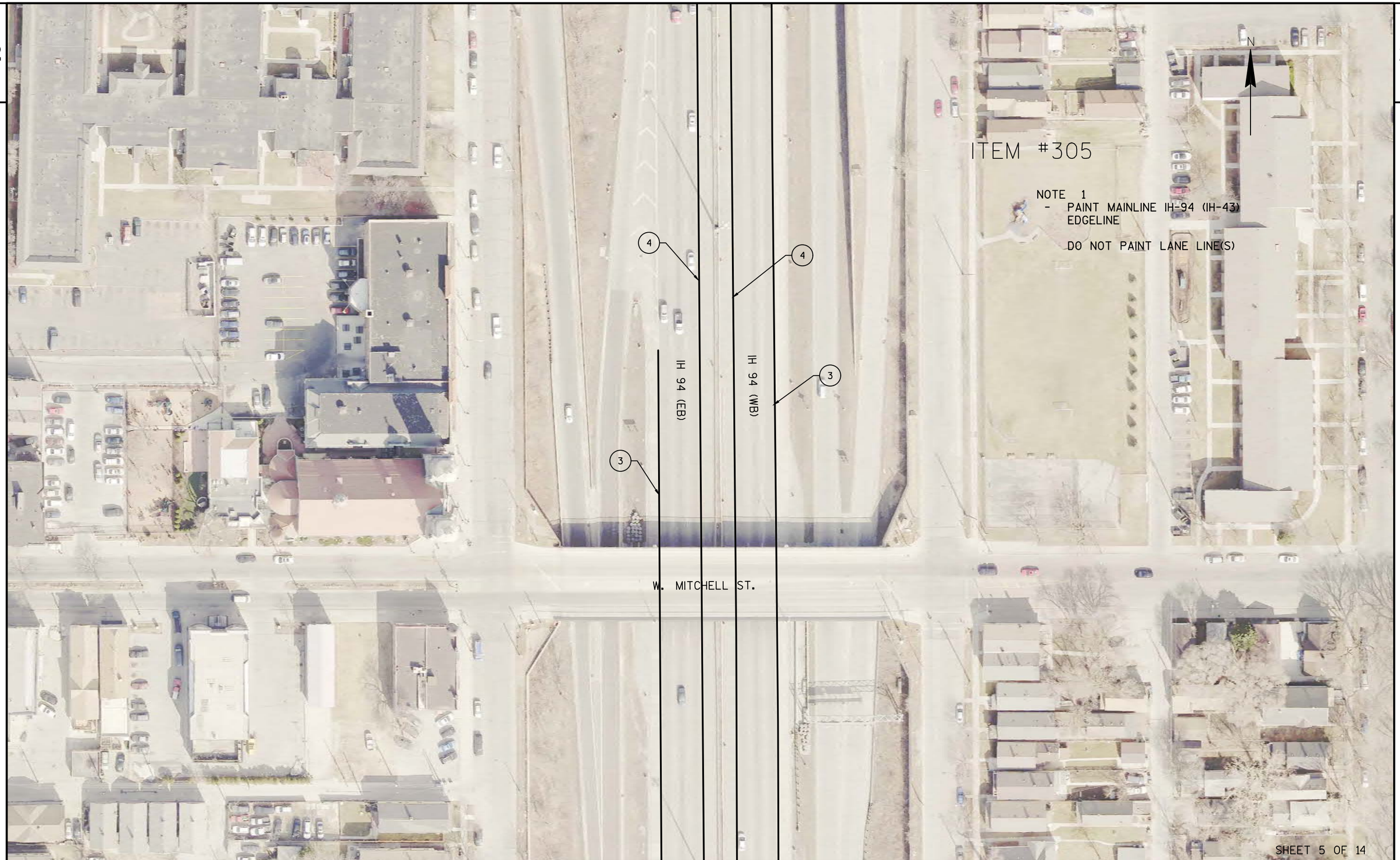
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



SHEET 5 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

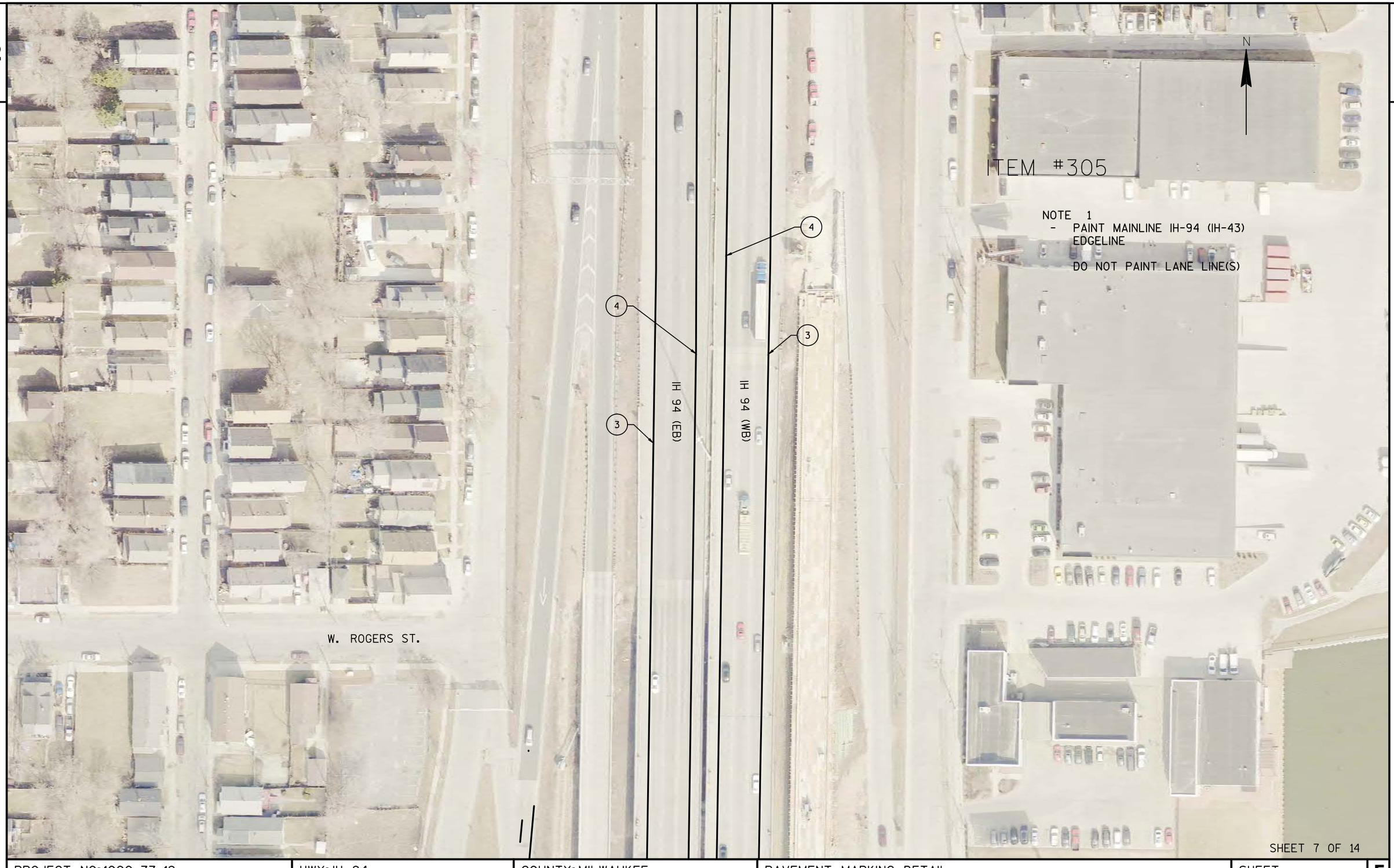
WISDOT/CADDS SHEET 42

2



SHEET 6 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 207	E



SHEET 7 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 208	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

ITEM #305

NOTE 1
- PAINT MAINLINE IH-94 (IH-43) EDGELINE

DO NOT PAINT LANE LINE(S)

N

IH 94 (EB)

IH 94 (WB)

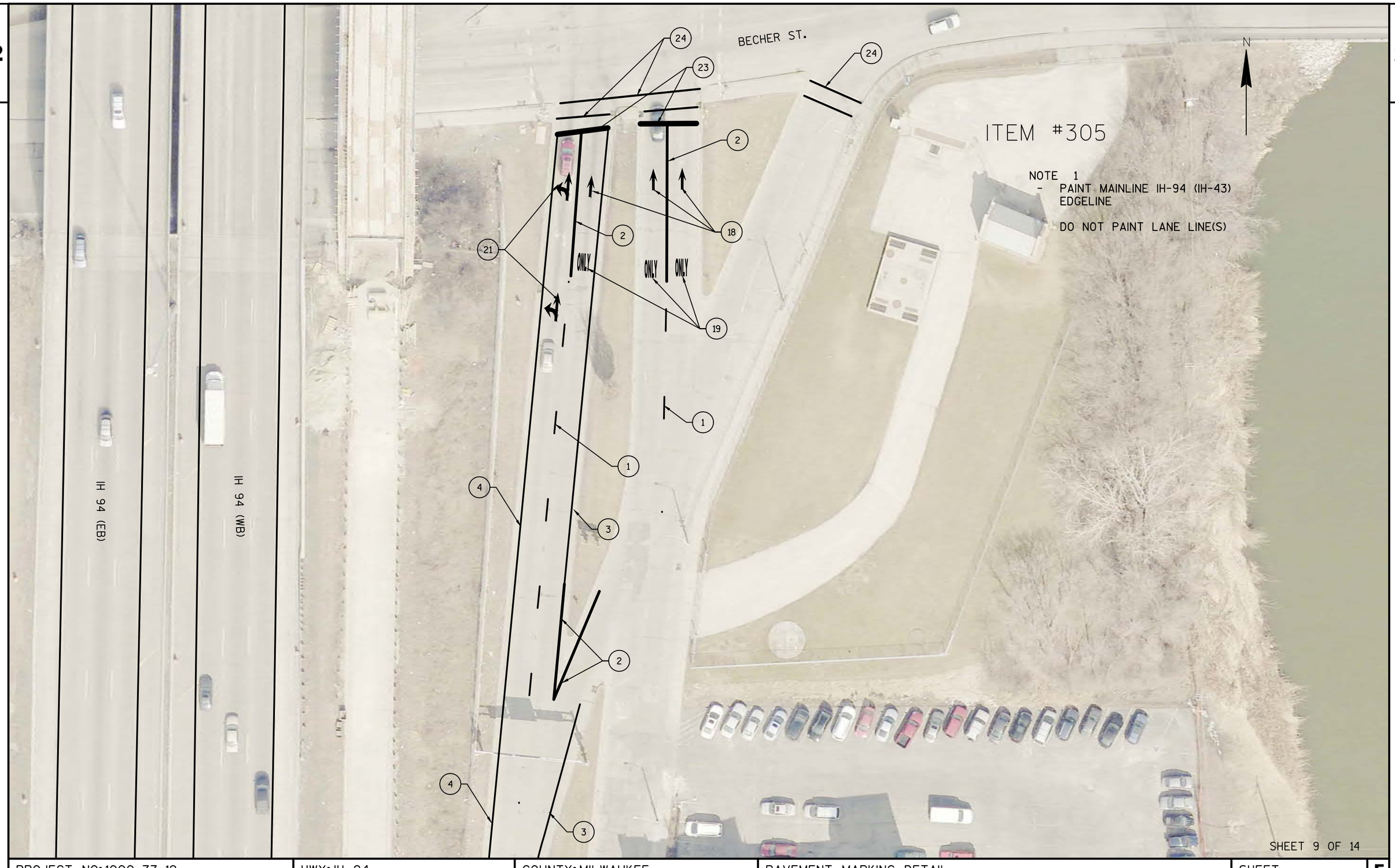
BECHER ST.

ONLY

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 209	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1
PLOT DATE : 1/29/2019 7:42 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



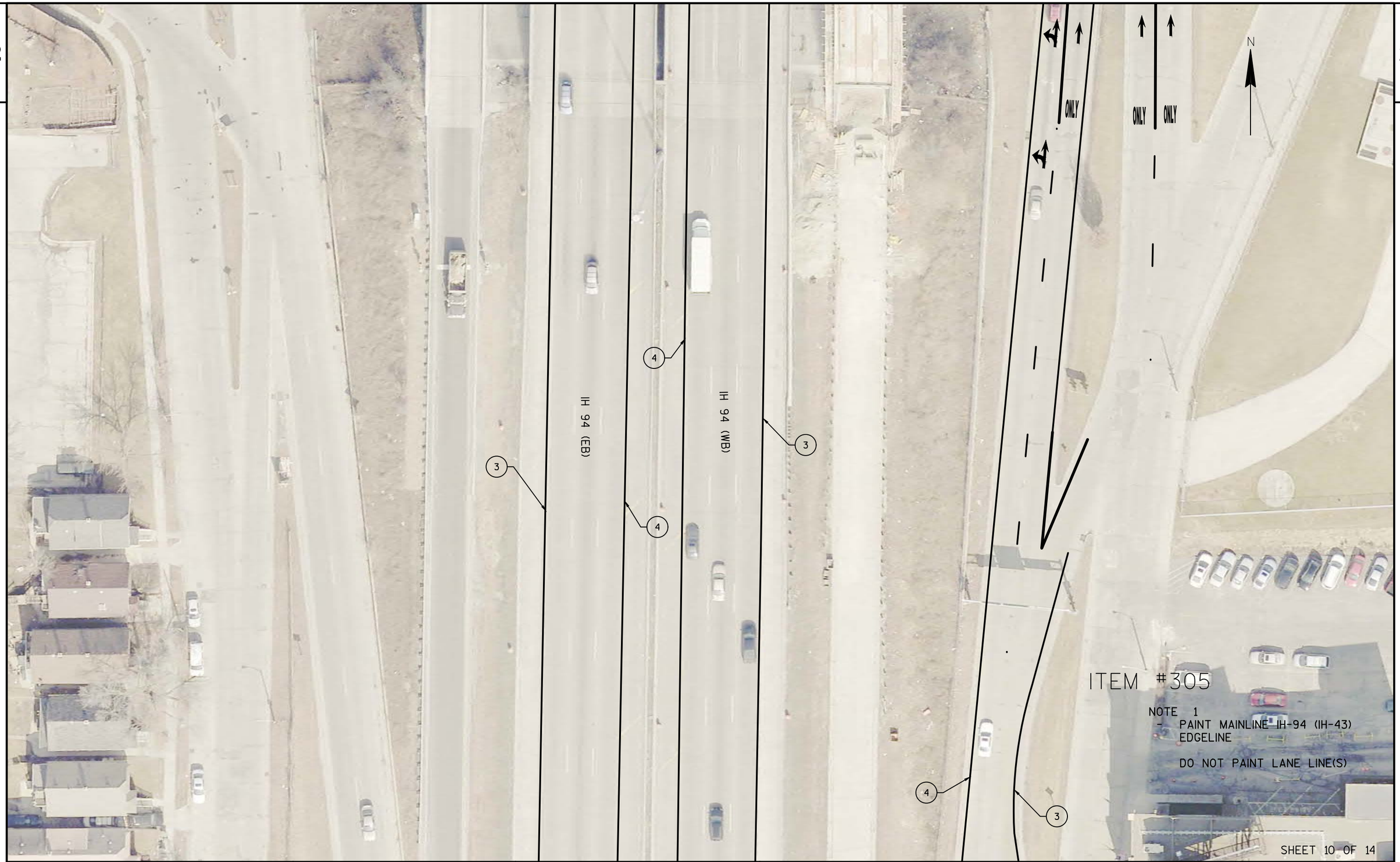
ITEM #305

NOTE 1
- PAINT MAINLINE IH-94 (IH-43) EDGELINE

DO NOT PAINT LANE LINE(S)

SHEET 9 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 210	E



PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 211	E

2



ITEM #305

NOTE 1
- PAINT MAINLINE IH-94 (IH-43) EDGELINE

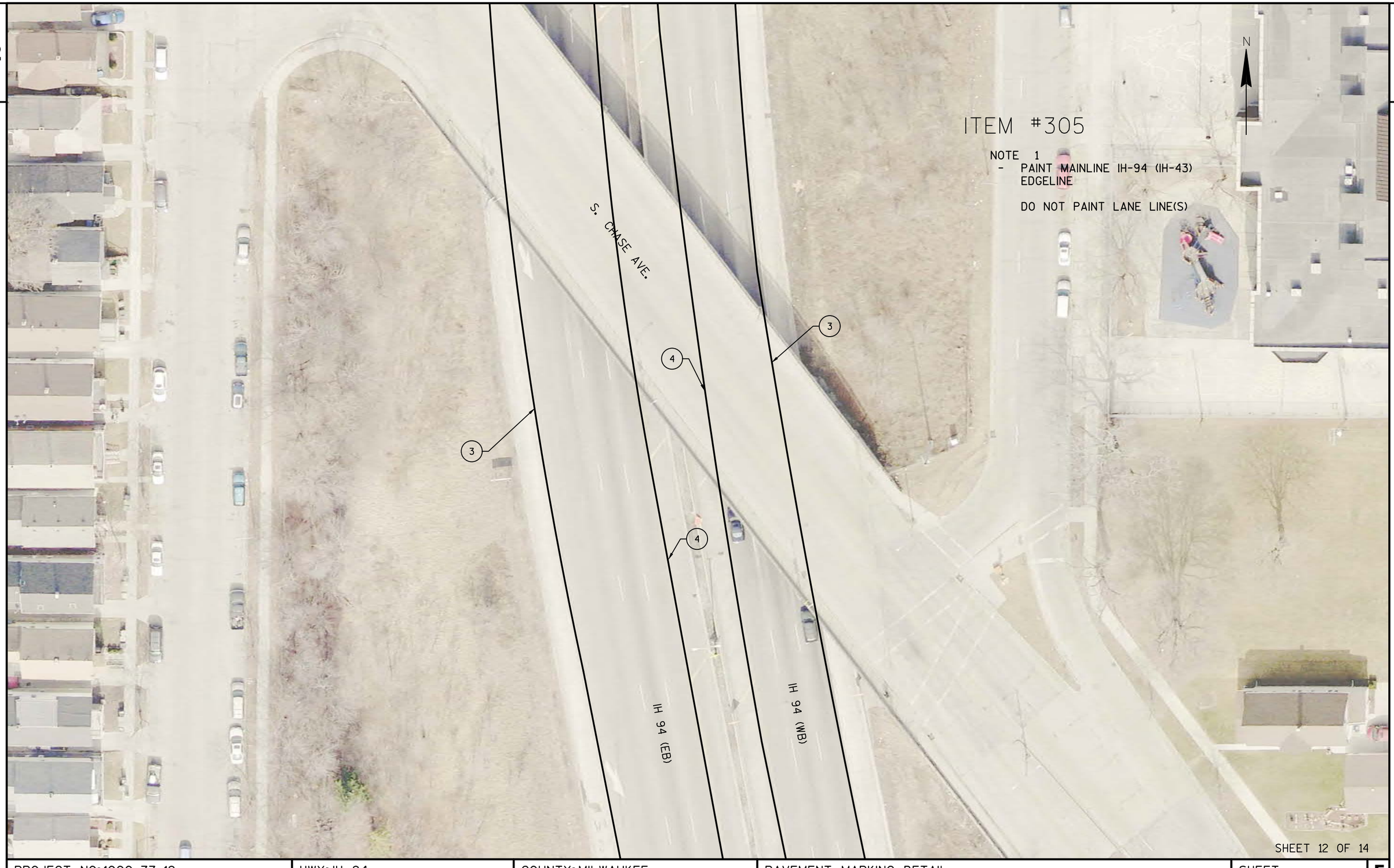
DO NOT PAINT LANE LINE(S)

SHEET 11 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 212	E

2

2



ITEM #305

NOTE 1
- PAINT MAINLINE IH-94 (IH-43) EDGELINE

DO NOT PAINT LANE LINE(S)

SHEET 12 OF 14

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 213	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-305_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/29/2019 7:43 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

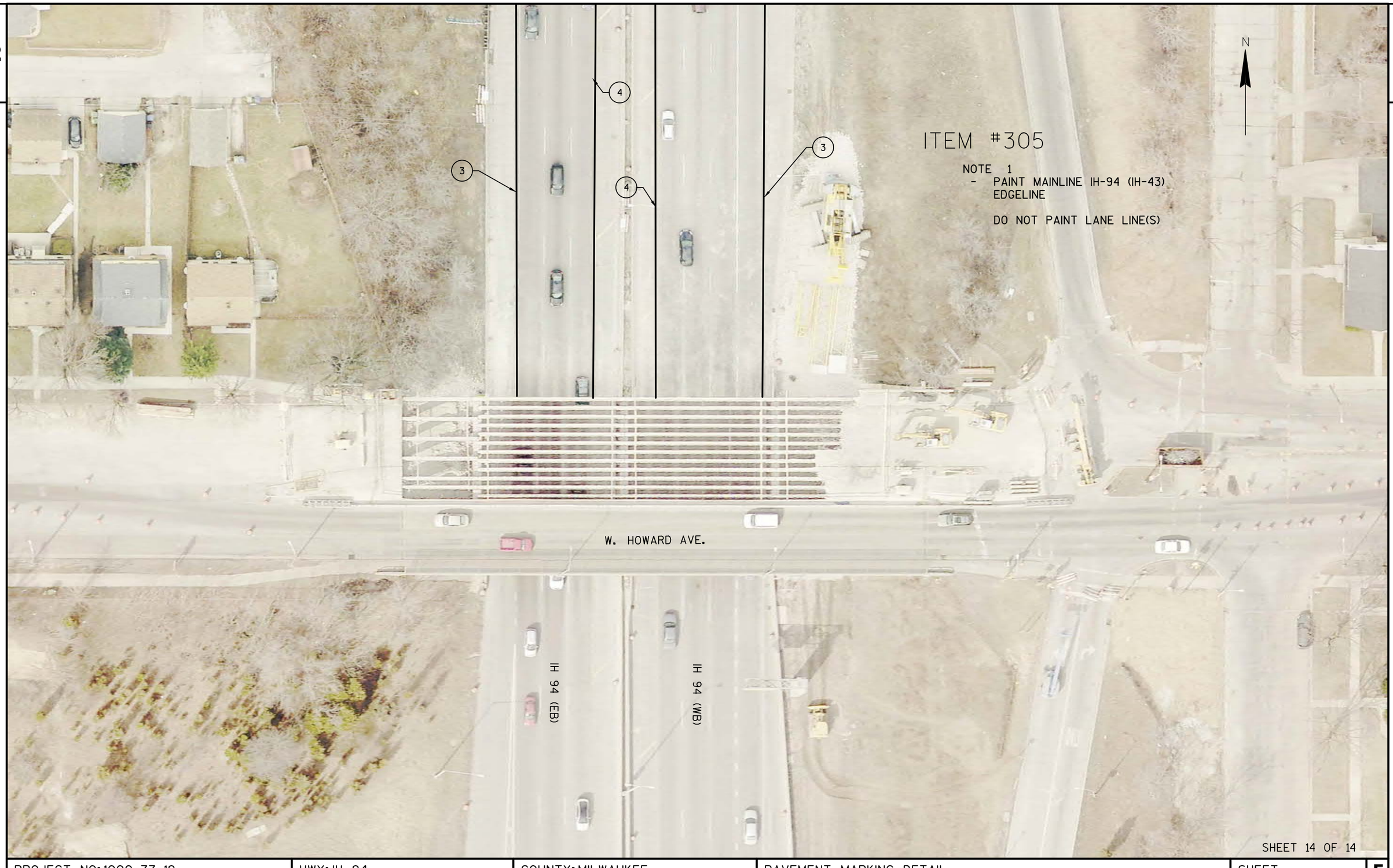
WISDOT/CADDS SHEET 42

2



SHEET 13 OF 14

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 214	E



PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 215	E

2

ITEM #306

N

W. HOWARD AVE.

IH 94 (EB)

IH 94 (WB)

3

4

4

3

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 1 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 216	E

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

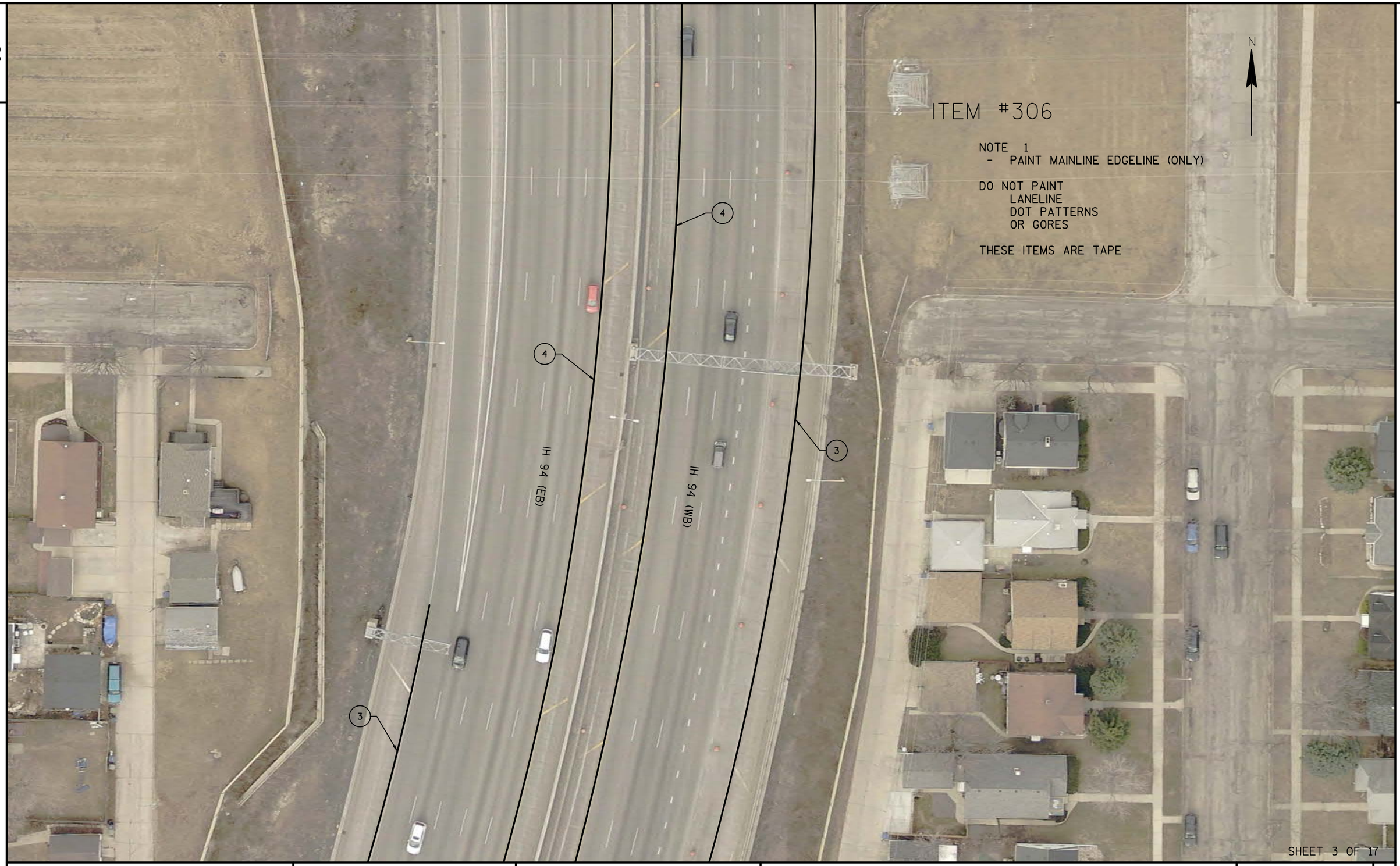
THESE ITEMS ARE TAPE

SHEET 2 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 217	E

2

2



SHEET 3 OF 17

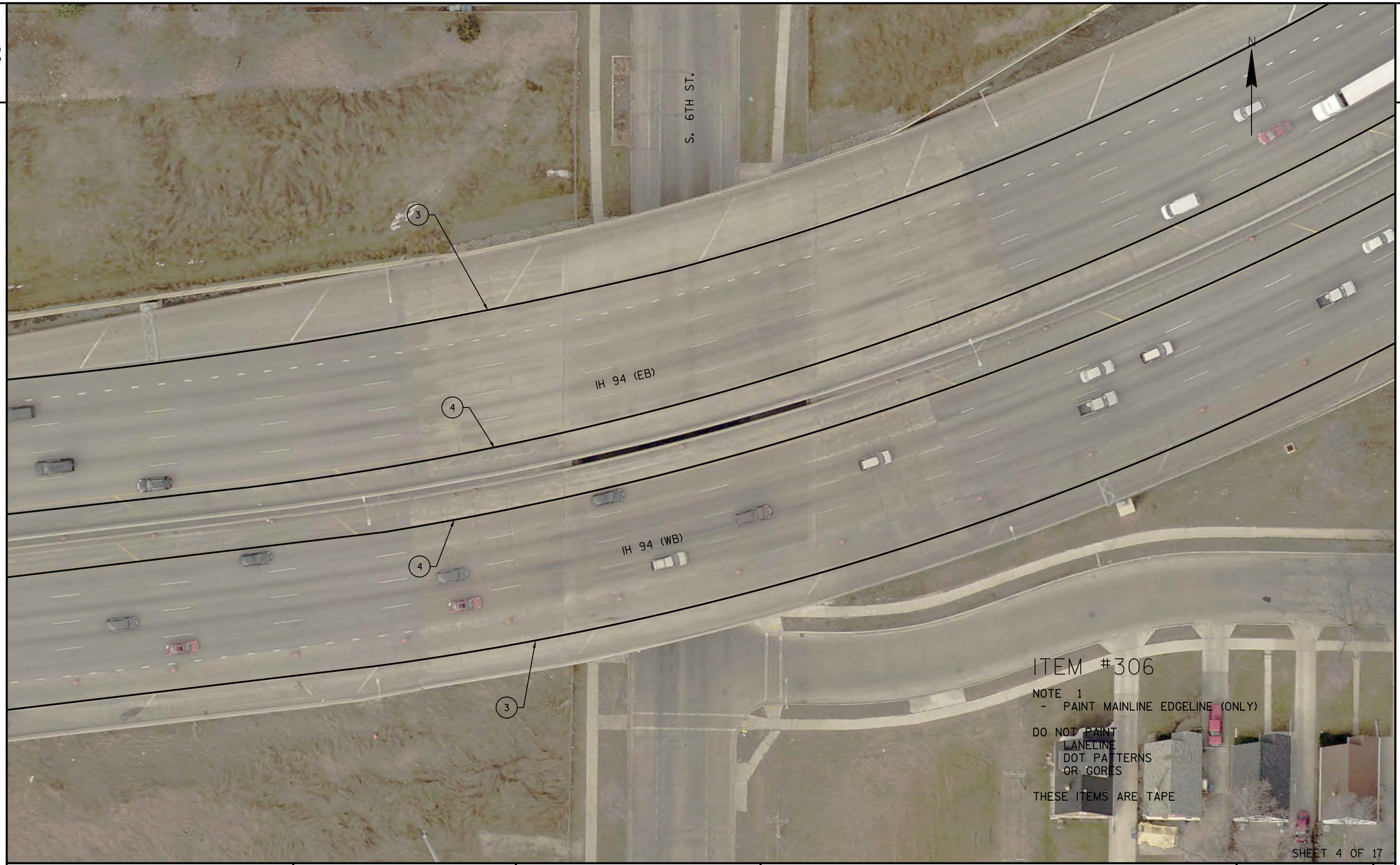
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 218	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:16 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

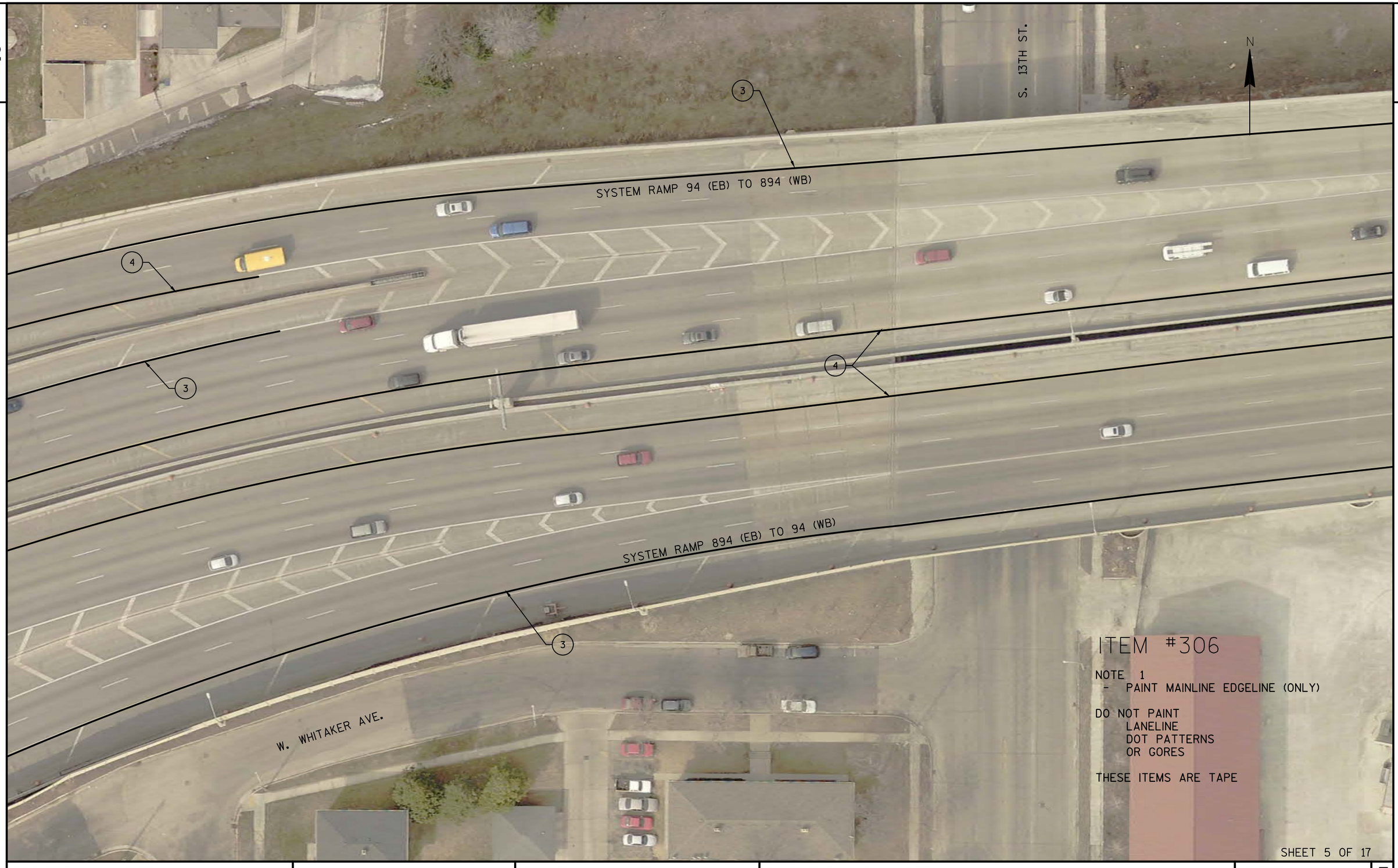
DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 4 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 219	E

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 5 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 220	E

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

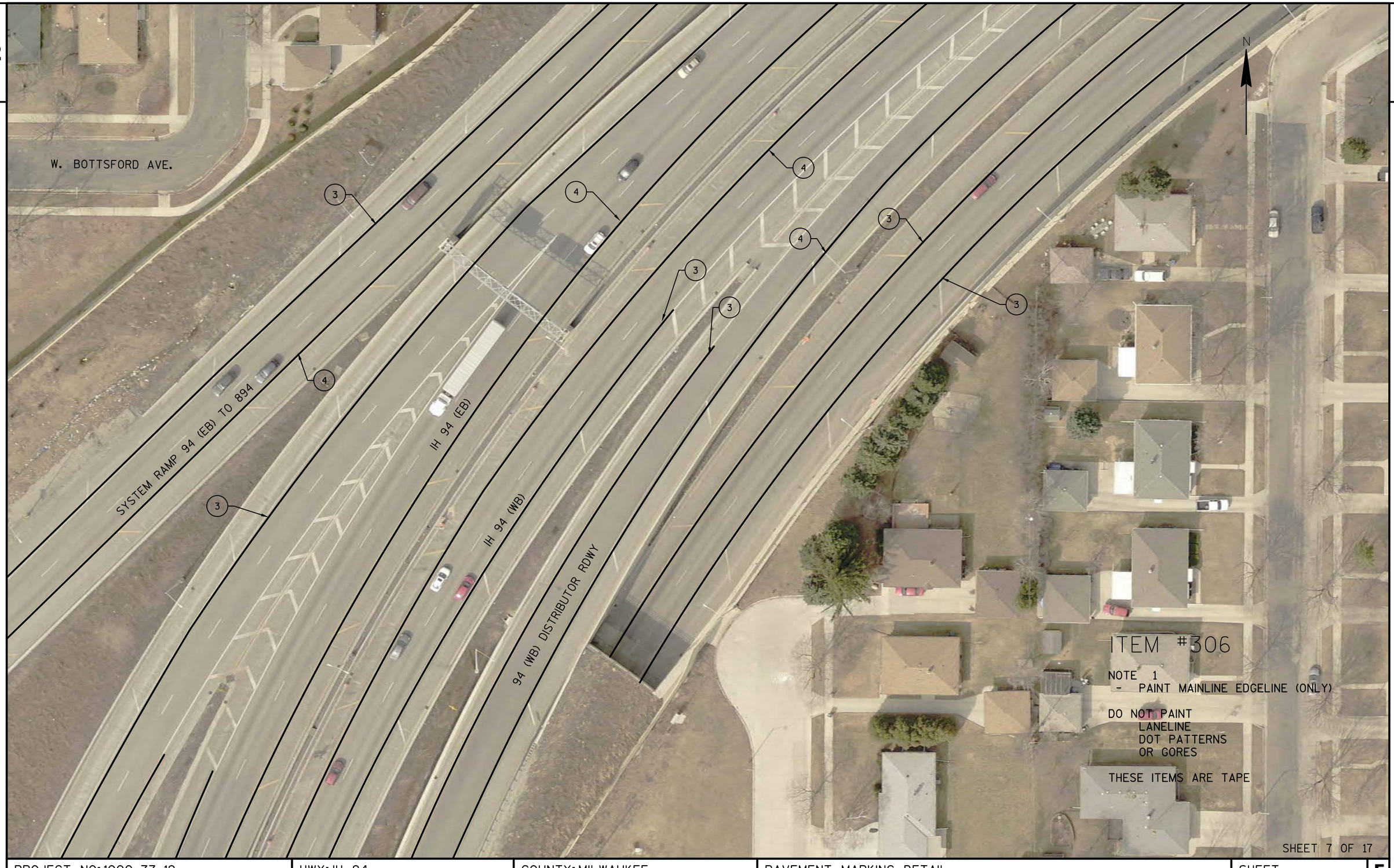
DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 6 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 221	E

2



PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 222	E

2

2

SYSTEM RAMP 94 (EB) TO 894 (WB)

SYSTEM RAMP 894 (EB) TO 94 (WB)

94 (WB) TO 894 (WB) SYSTEM RAMP

894 (EB) TO 94 (EB) "NO WORK"

OFF RAMP TO LAYTON AVE "NO WORK"

IH 94 (EB) DISTRIBUTOR RDWY

IH 94 (EB) MAINLINE

IH 94 (WB) MAINLINE

IH 94 (WB) DISTRIBUTOR RDWY

W. LAYTON AVE ON RAMP "NO WORK"

S. 16TH ST.

N

ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 8 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 223 E

ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

N

W. VAN NORMAN AVE

S. 20TH ST.

STOP PAINTING

IH 894 (WB)

IH 894/43 (WB)

"NO WORK"

894 (EB) TO 94 (WB) "NO WORK"

3

4

SHEET 9 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 224	E

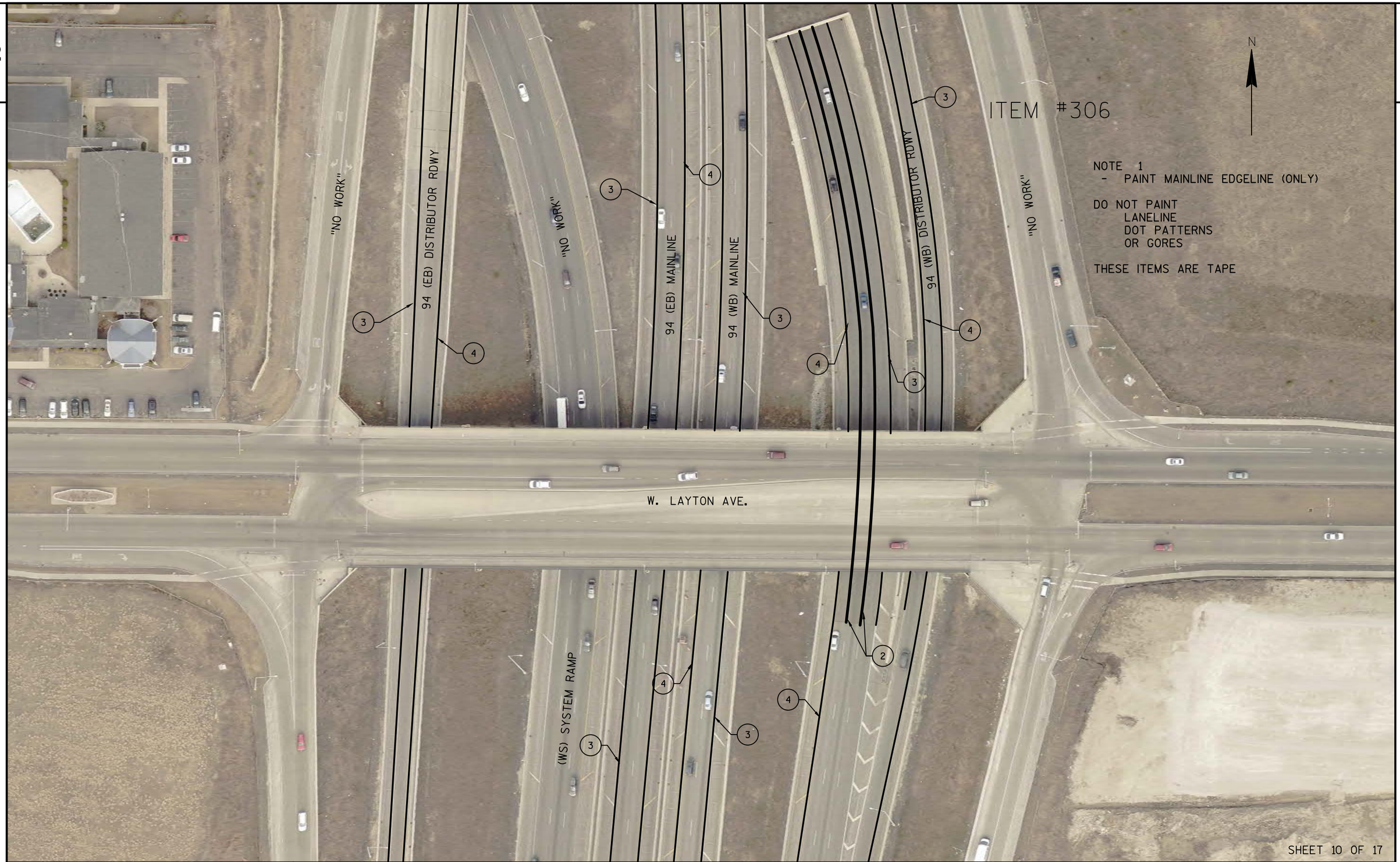
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:16 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

2



SHEET 10 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 225	E



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 11 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 226	E

2

2

W. EDGERTON AVE.

94 (EB) DISTRIBUTOR RDWY

(W-S) SYSTEM RAMP

IH 94 (EB) MAINLINE

IH 94 (WB) MAINLINE

94 (WB) DISTRIBUTOR RDWY

W. EDGERTON AVE.

N

ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

S. EDGERTON AVE.

4

3

4

3

4

3

SHEET 12 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 227	E

2

2

N

W. GRANGE AVE.

W. GRANGE AVE.

ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

OFF RAMP TO SPUR "NO WORK"

94 (EB) DISTRIBUTOR RDWY

94 (EB) MAINLINE

94 (WB) MAINLINE

94 (WB) DISTRIBUTOR RDWY

3

4

3

4

4

3

4

3

SHEET 13 OF 17

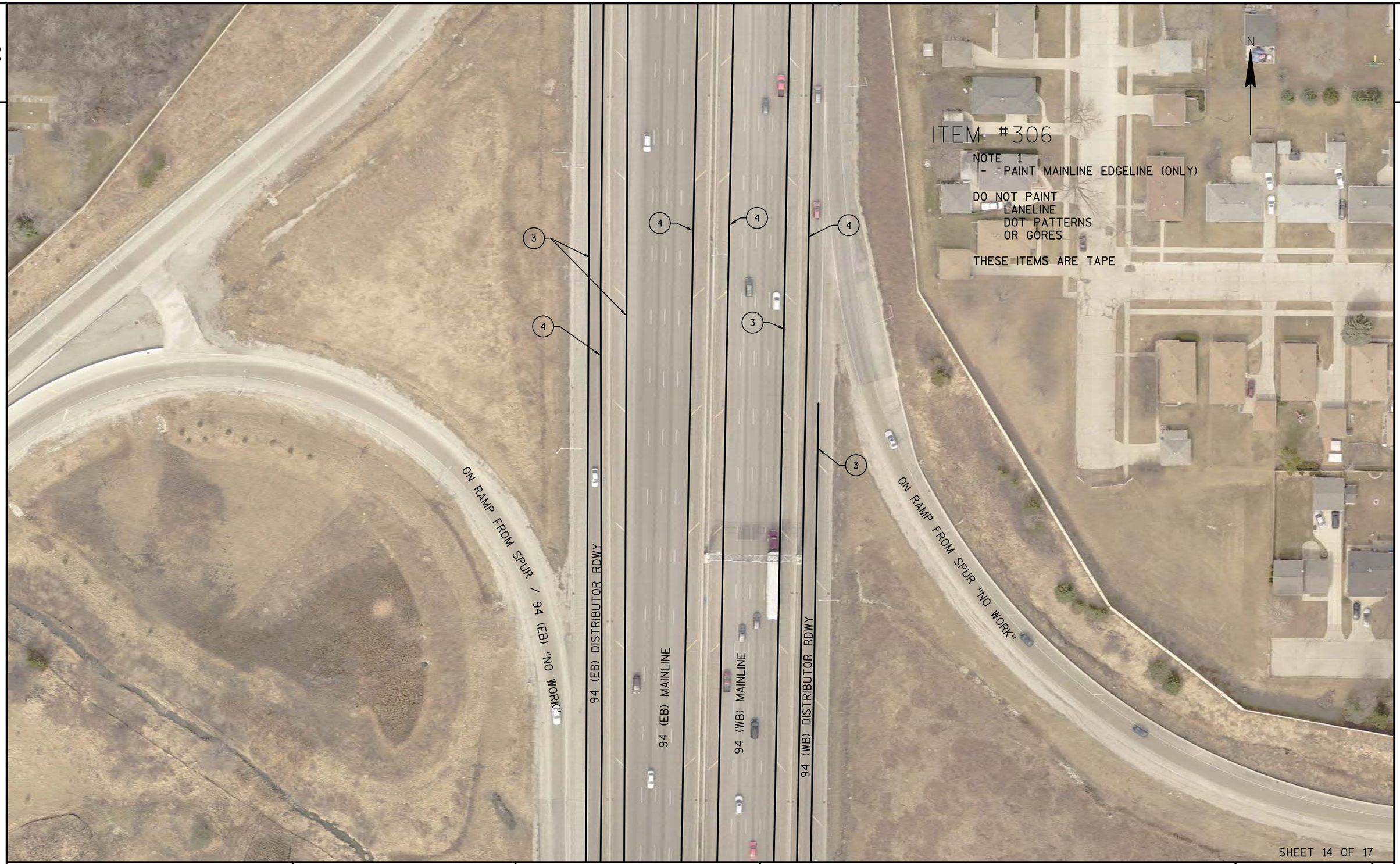
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:16 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
- LANELINE
- DOT PATTERNS
- OR GORES

THESE ITEMS ARE TAPE

SHEET 14 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 229	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:16 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42



SHEET 15 OF 17

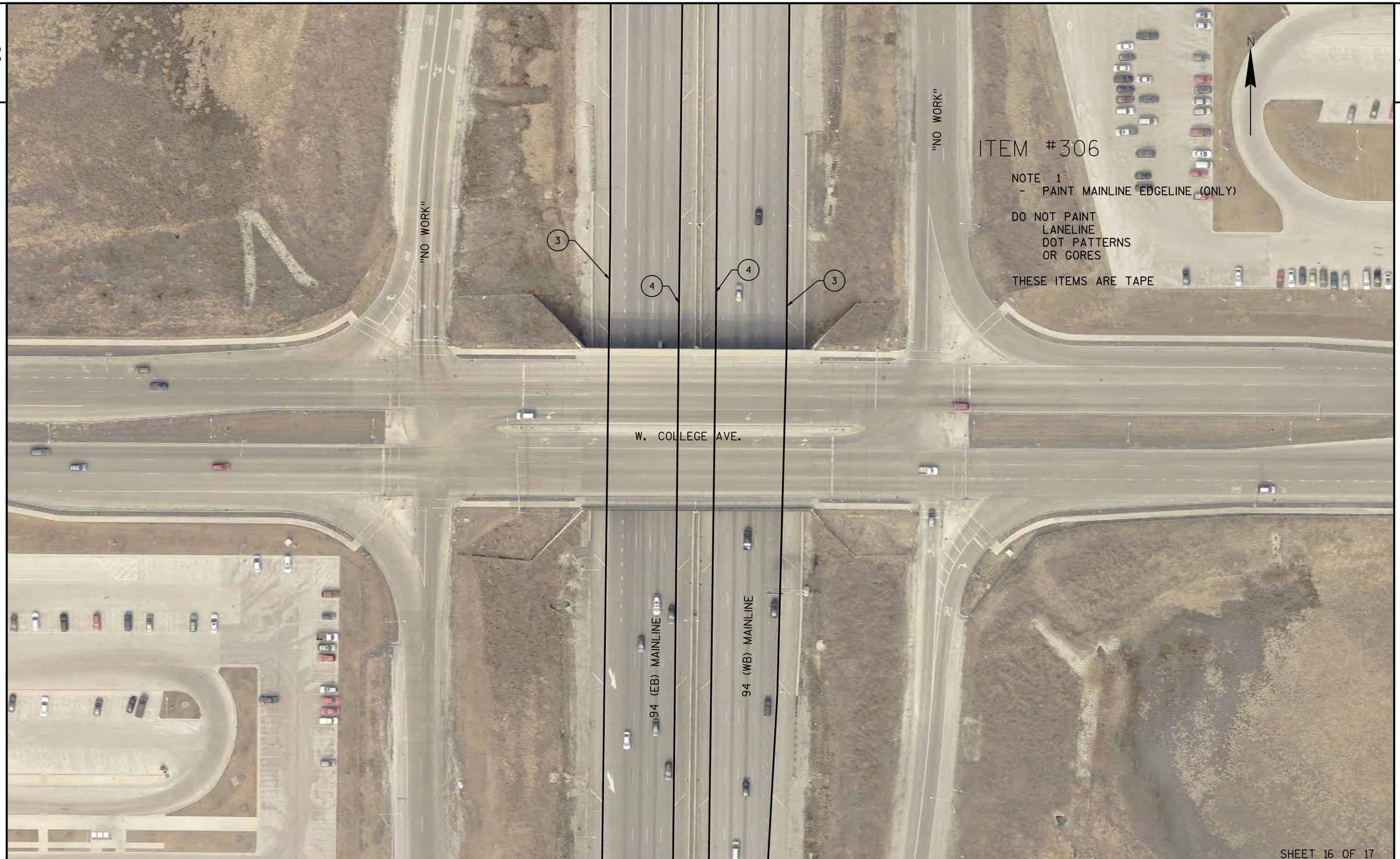
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 230	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:16 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

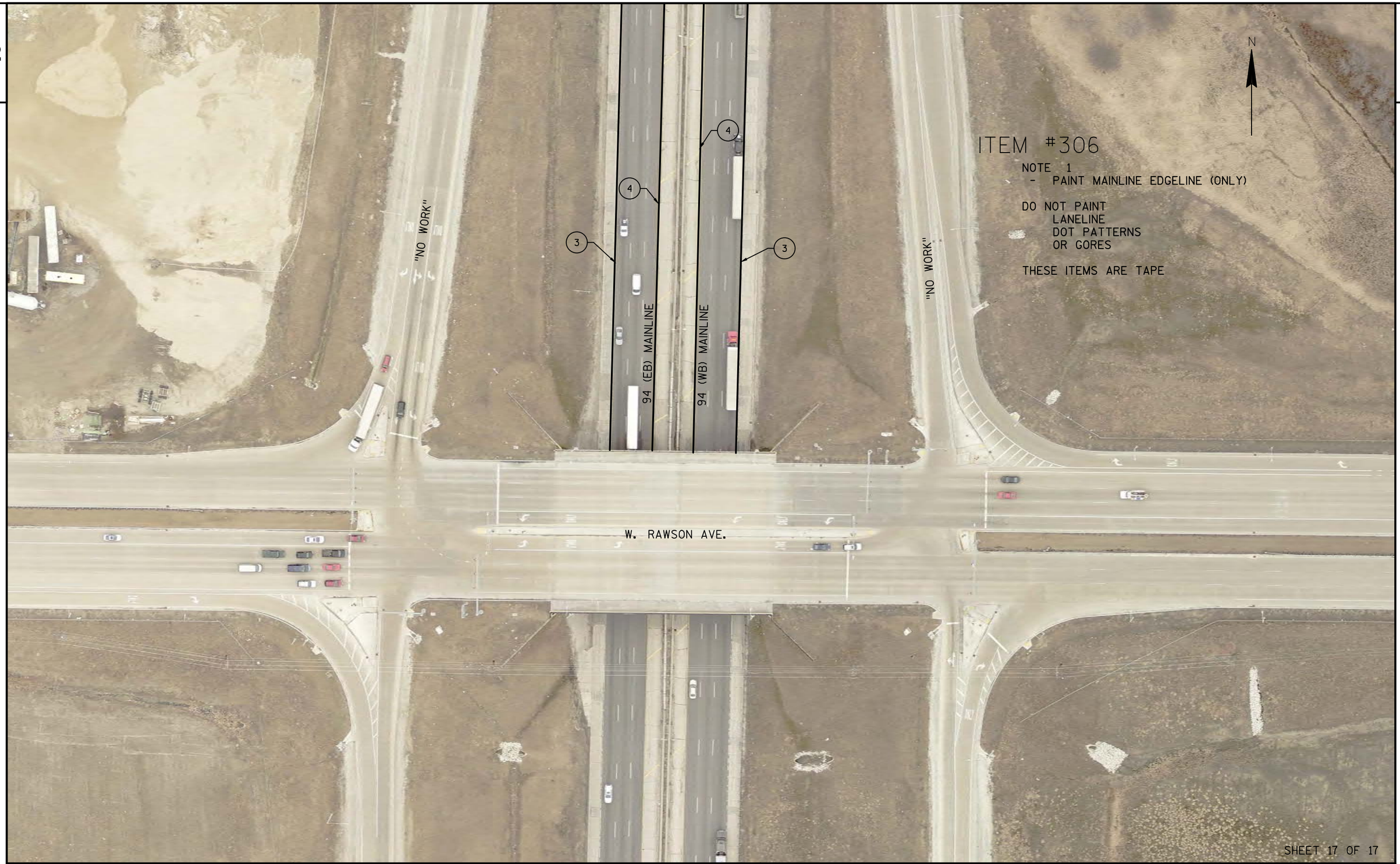
DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 16 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 231	E

2



ITEM #306

NOTE 1
- PAINT MAINLINE EDGELINE (ONLY)

DO NOT PAINT
LANELINE
DOT PATTERNS
OR GORES

THESE ITEMS ARE TAPE

SHEET 17 OF 17

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 232	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-306_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1
PLOT DATE : 1/14/2019 2:17 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

2

ITEM #307

STH 50

IH 94 (WB)

IH 94 (EB)

4

4

3

3

N

NOTE 1
- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

  DO NOT PAINT LANELINE

  PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS

SHEET 1 OF 10

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-307_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:23 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



ITEM #307

NOTE 1
- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

DO NOT PAINT LANELINE

PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS

SHEET 2 OF 10

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 234	E

2



ITEM #307

NOTE 1
- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

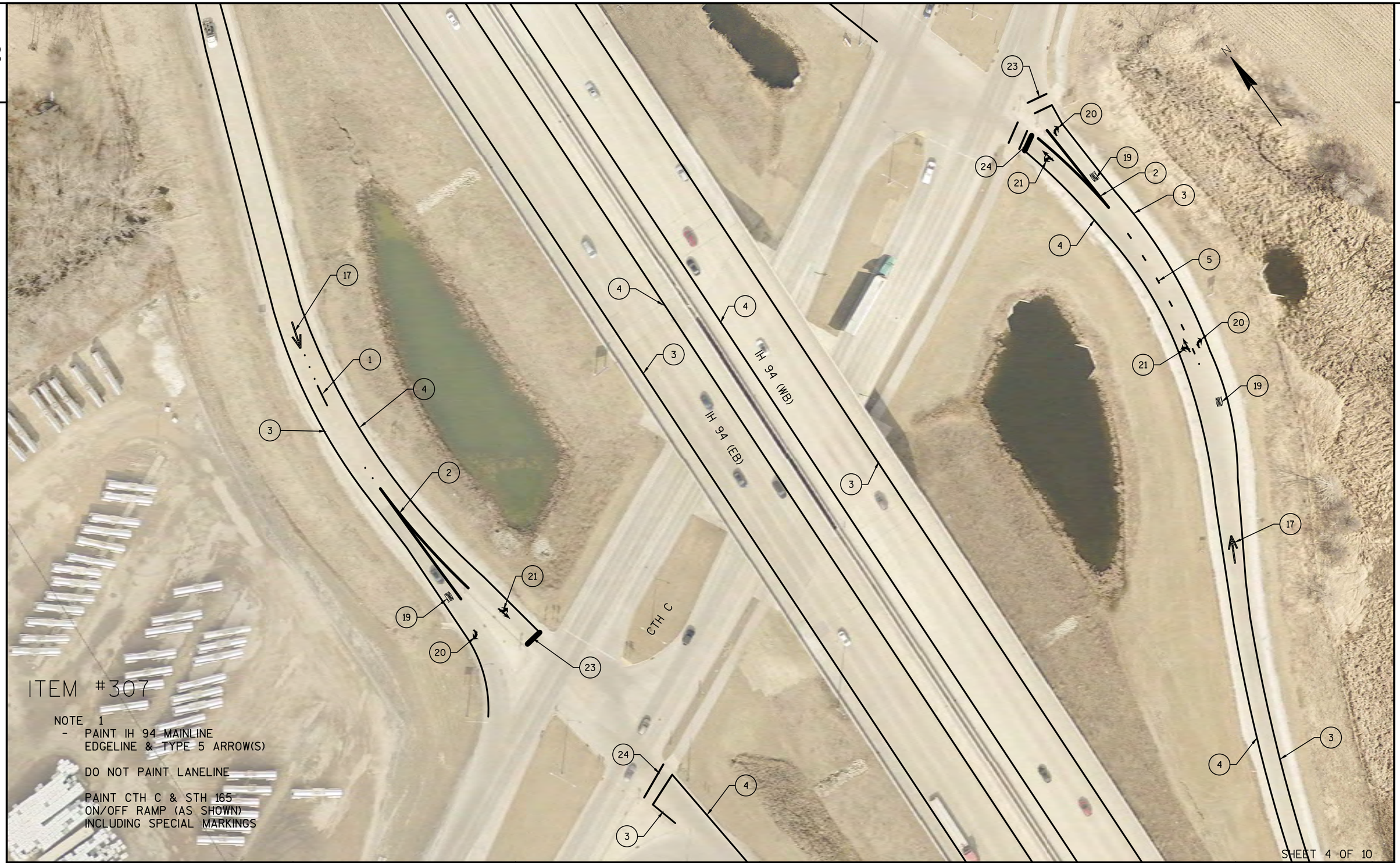
  DO NOT PAINT LANELINE

  PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS

SHEET 3 OF 10

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY:KENOSHA	PAVEMENT MARKING DETAIL	SHEET 235	E

2



ITEM #307

NOTE 1
- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

DO NOT PAINT LANELINE

PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS

SHEET 4 OF 10

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 236	E

2



SHEET 5 OF 10

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY:KENOSHA	PAVEMENT MARKING DETAIL	SHEET 237	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-307_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1
PLOT DATE : 1/14/2019 2:24 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



ITEM #307

NOTE 1

- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

  DO NOT PAINT LANELINE

  PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS

SHEET 6 OF 10

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 238 E

ITEM #307

NOTE 1
- PAINT IH 94 MAINLINE EDGELINE & TYPE 5 ARROW(S)

  DO NOT PAINT LANELINE

  PAINT CTH C & STH 165 ON/OFF RAMP (AS SHOWN) INCLUDING SPECIAL MARKINGS



SHEET 7 OF 10

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 239	E

ITEM #307

NOTE 1
- PAINT IH 94 MAINLINE
  EDGELINE & TYPE 5 ARROW(S)

  DO NOT PAINT LANELINE

  PAINT CTH C & STH 165
  ON/OFF RAMP (AS SHOWN)
  INCLUDING SPECIAL MARKINGS



SHEET 8 OF 10

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 240	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-307_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:25 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

ITEM #307

NOTE 1
PAINT CTH C & STH 165
ON/OFF RAMP (AS SHOWN)
INCLUDING SPECIAL MARKINGS

NOTE 2
- REFRESH: 13 (IN TOTAL) TYPE 5
ARROWS ON IH 94
(EB & WB) MAINLINE



SHEET 9 OF 10

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 241	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-307A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:30 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

ITEM #307

NOTE 1
PAINT CTH C & STH 165
ON/OFF RAMP (AS SHOWN)
INCLUDING SPECIAL MARKINGS

NOTE 2
- REFRESH: 13 (IN TOTAL) TYPE 5
ARROWS ON IH 94
(EB & WB) MAINLINE

CTH C

IH 94

STH 165

REFRESH
2 TYPE 5 ARROWS

REFRESH
2 TYPE 5 ARROWS

REFRESH
1 TYPE 5 ARROW

REFRESH
1 TYPE 5 ARROW

REFRESH
1 TYPE 5 ARROW

CTH ML

N

SHEET 10 OF 10

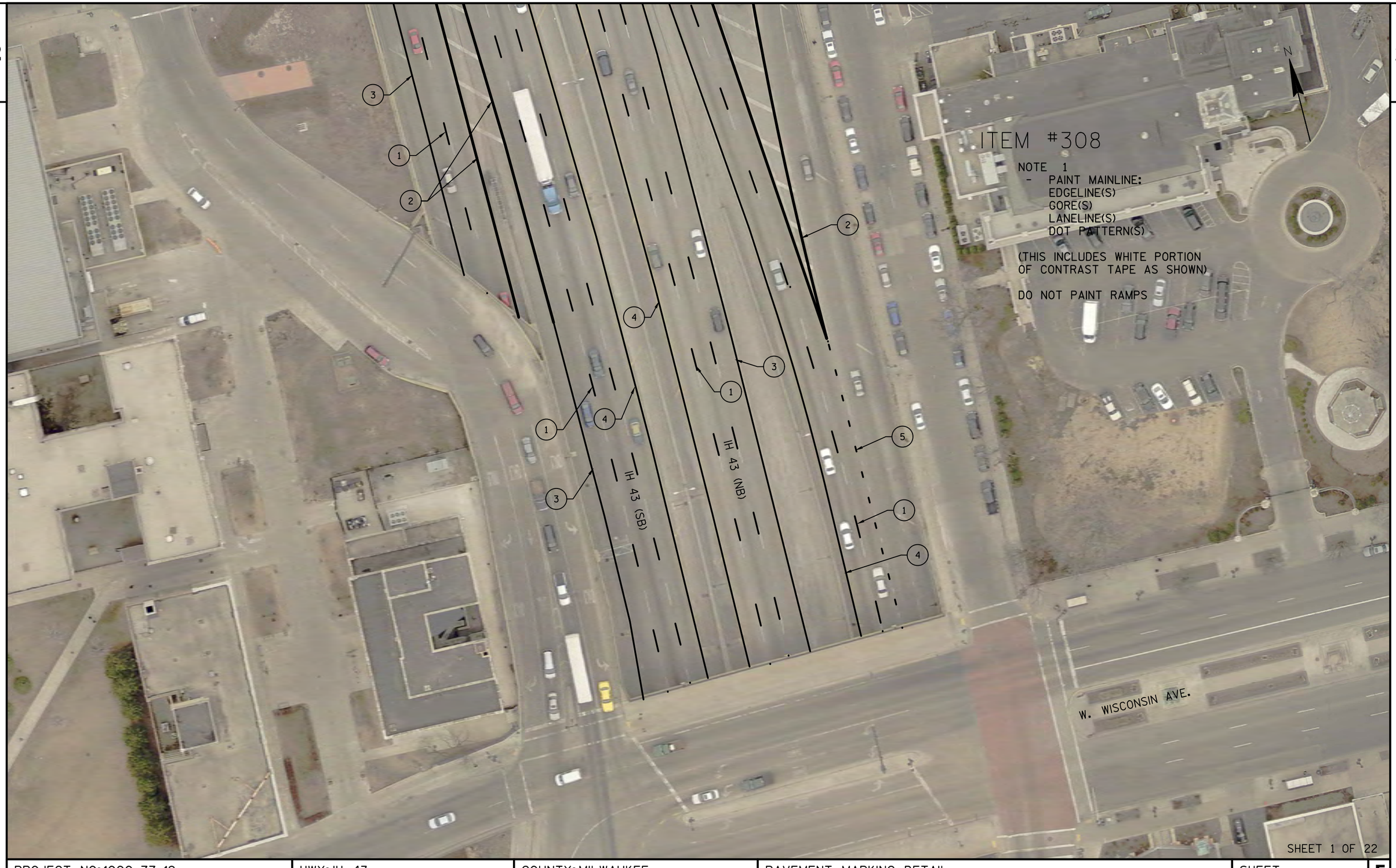
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: KENOSHA	PAVEMENT MARKING DETAIL	SHEET 242	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-307A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:30 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 243	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

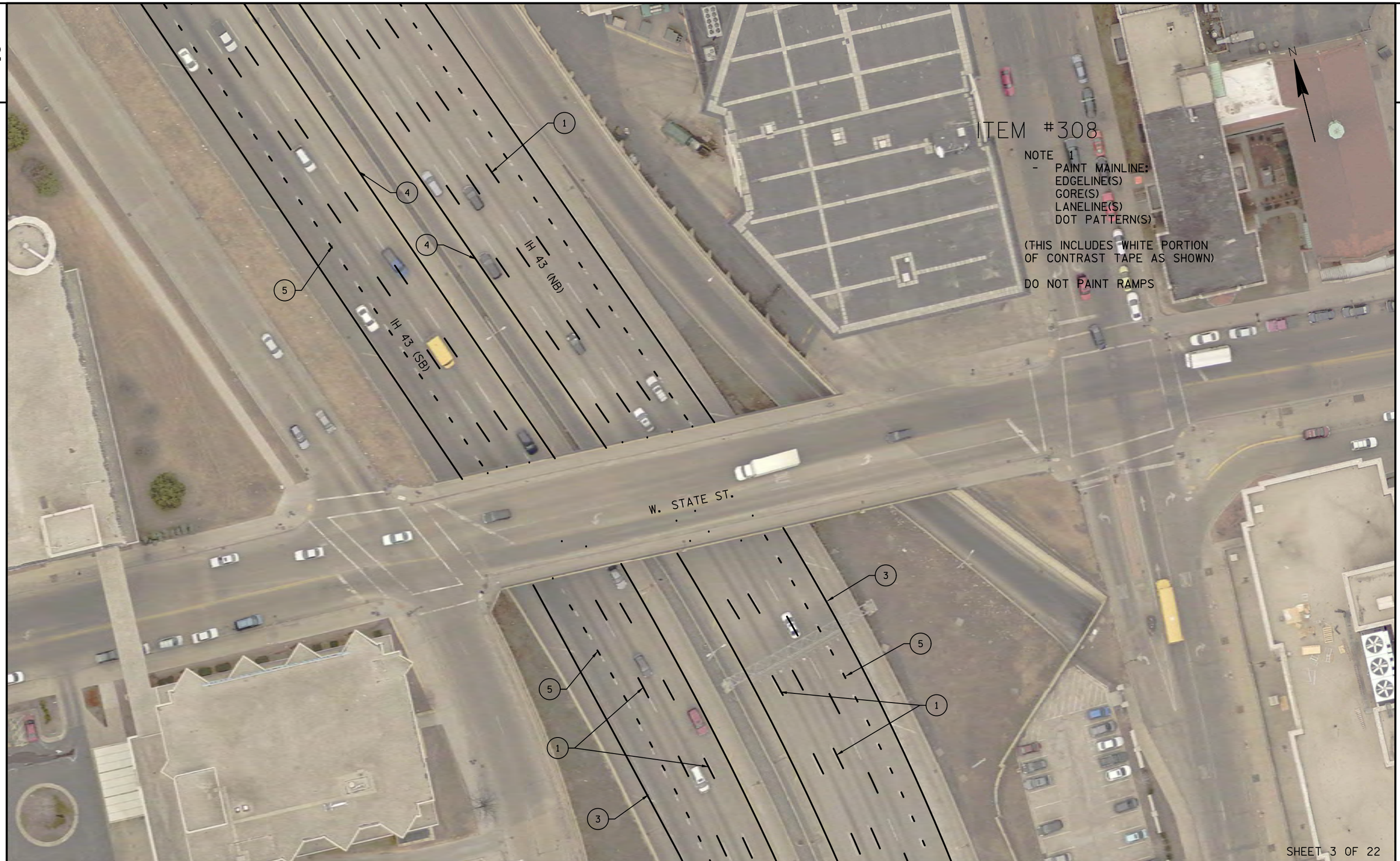
(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 2 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 244	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
EDGELINE(S)
GORE(S)
LANELINE(S)
DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 3 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:16 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
EDGELINE(S)
GORE(S)
LANELINE(S)
DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 4 OF 22

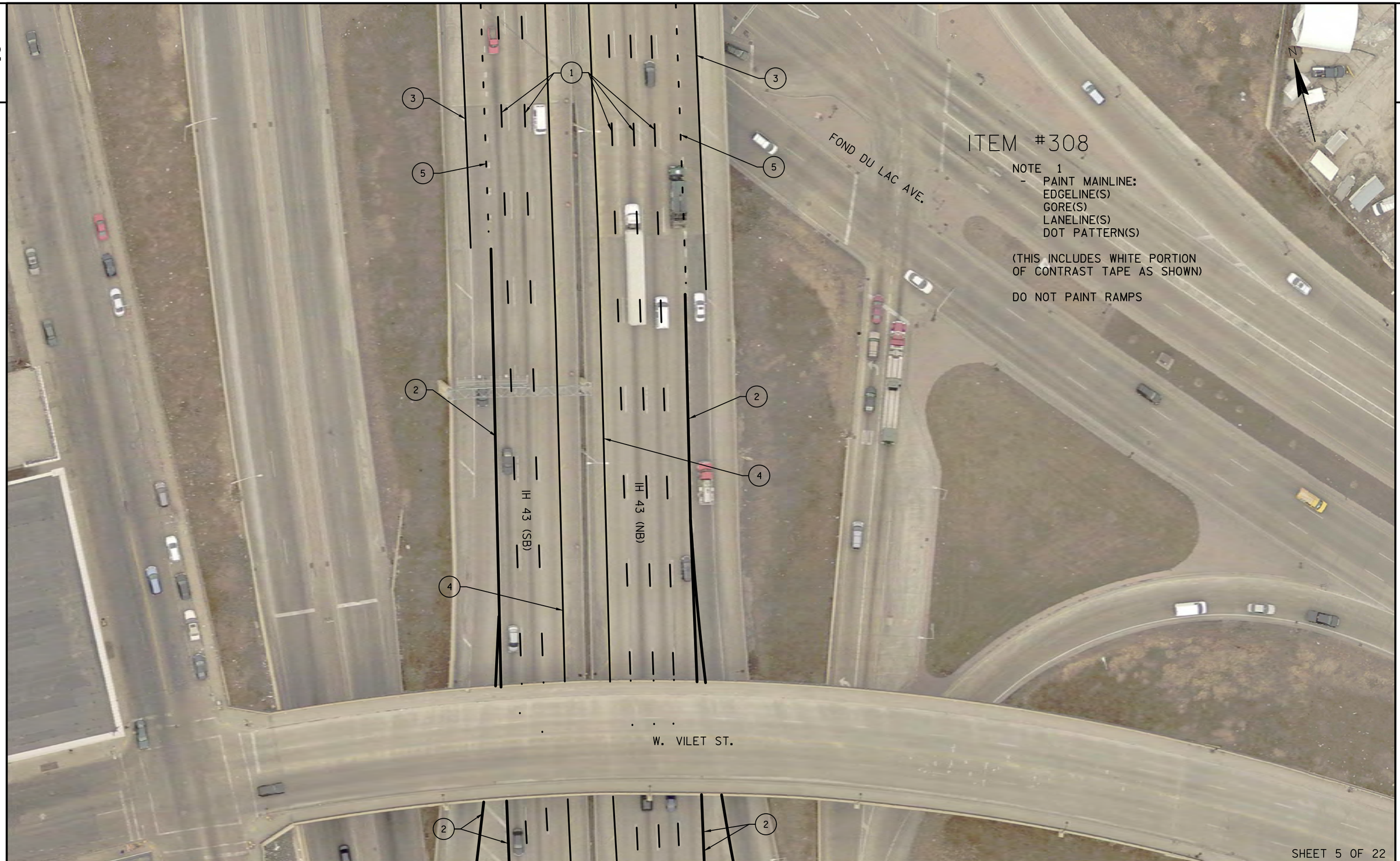
PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:16 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

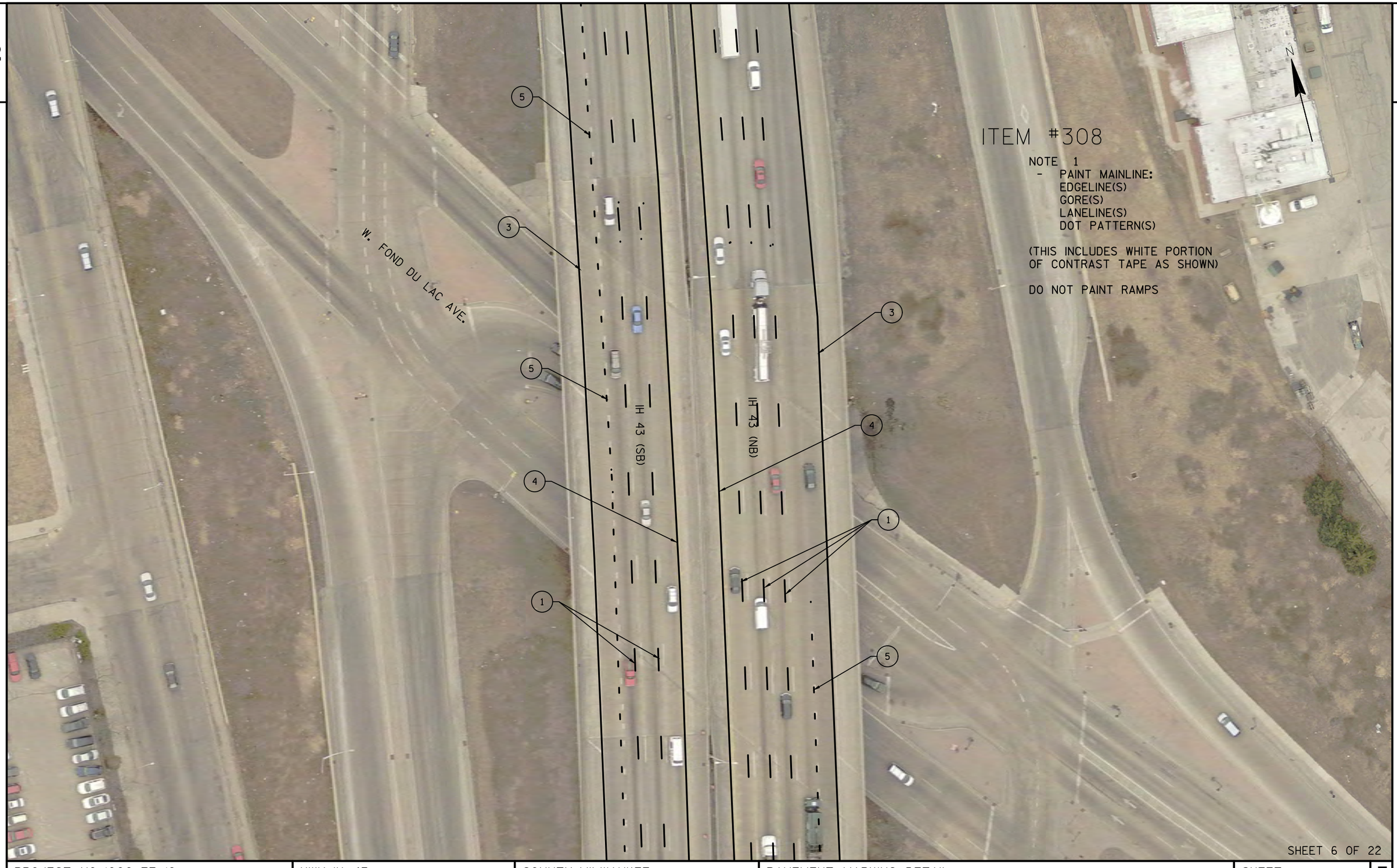
(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 5 OF 22

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 247	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 6 OF 22

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 248	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

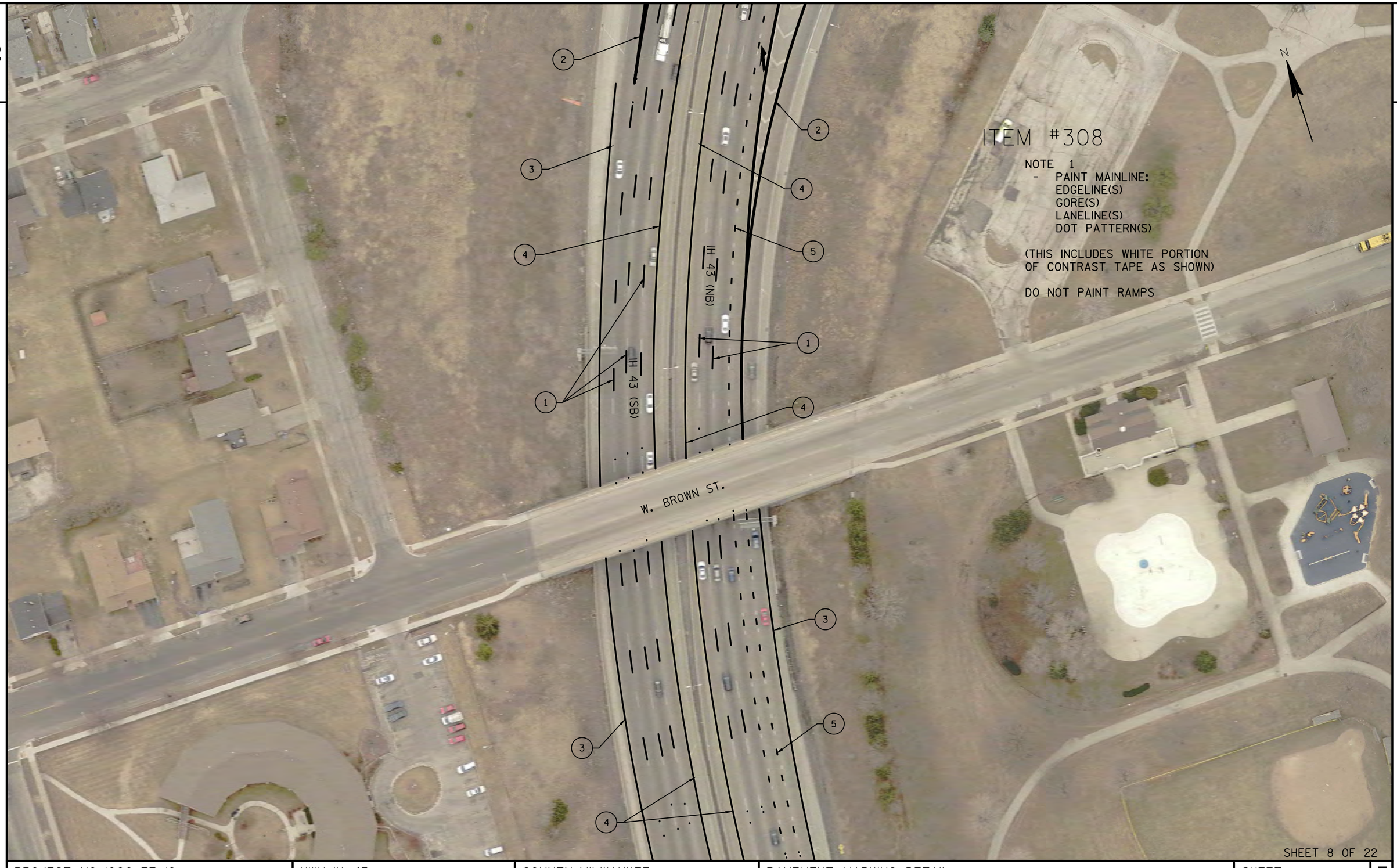
(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 7 OF 22

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 249	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

SHEET 8 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 250	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:16 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

SHEET 9 OF 22

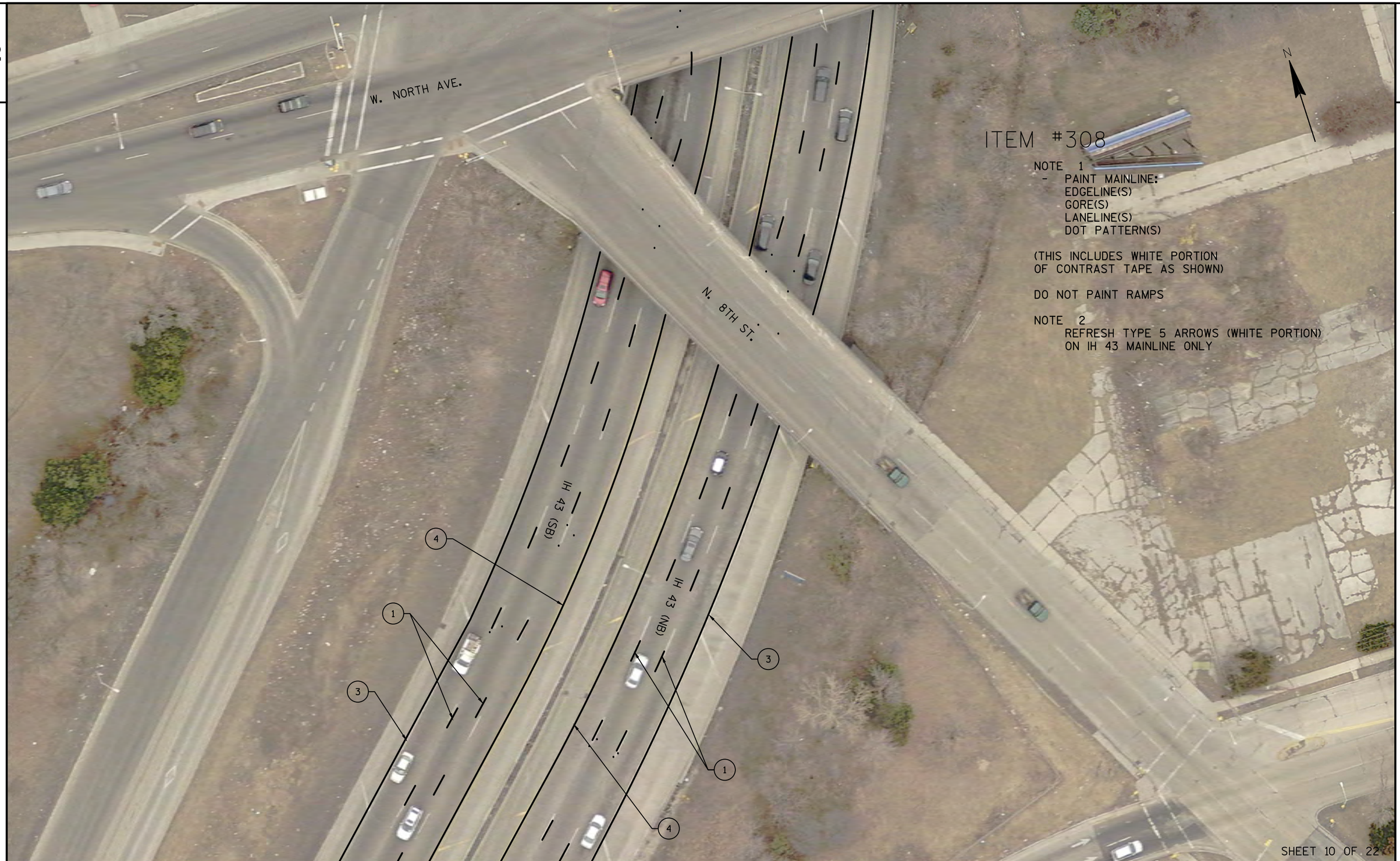
PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:17 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 252	E



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

SHEET 11 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 253	E

2

ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

IH 43 (SB)

IH 43 (NB)

W. WRIGHT ST.

N

SHEET 12 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 254	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

SHEET 13 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 255	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

SHEET 14 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 256	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 257	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1
PLOT DATE : 1/17/2019 9:17 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

SHEET 16 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 258	E

2

ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

N

N. DOCTOR M.L.K. DR.

IH 43 (NB)

IH 43 (SB)

N. 8TH ST.

N. 9TH ST. ON RAMP

"NO WORK" ON RAMP FROM W. ATKINSON AVE.

N. 7TH ST.

SHEET 17 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:18 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

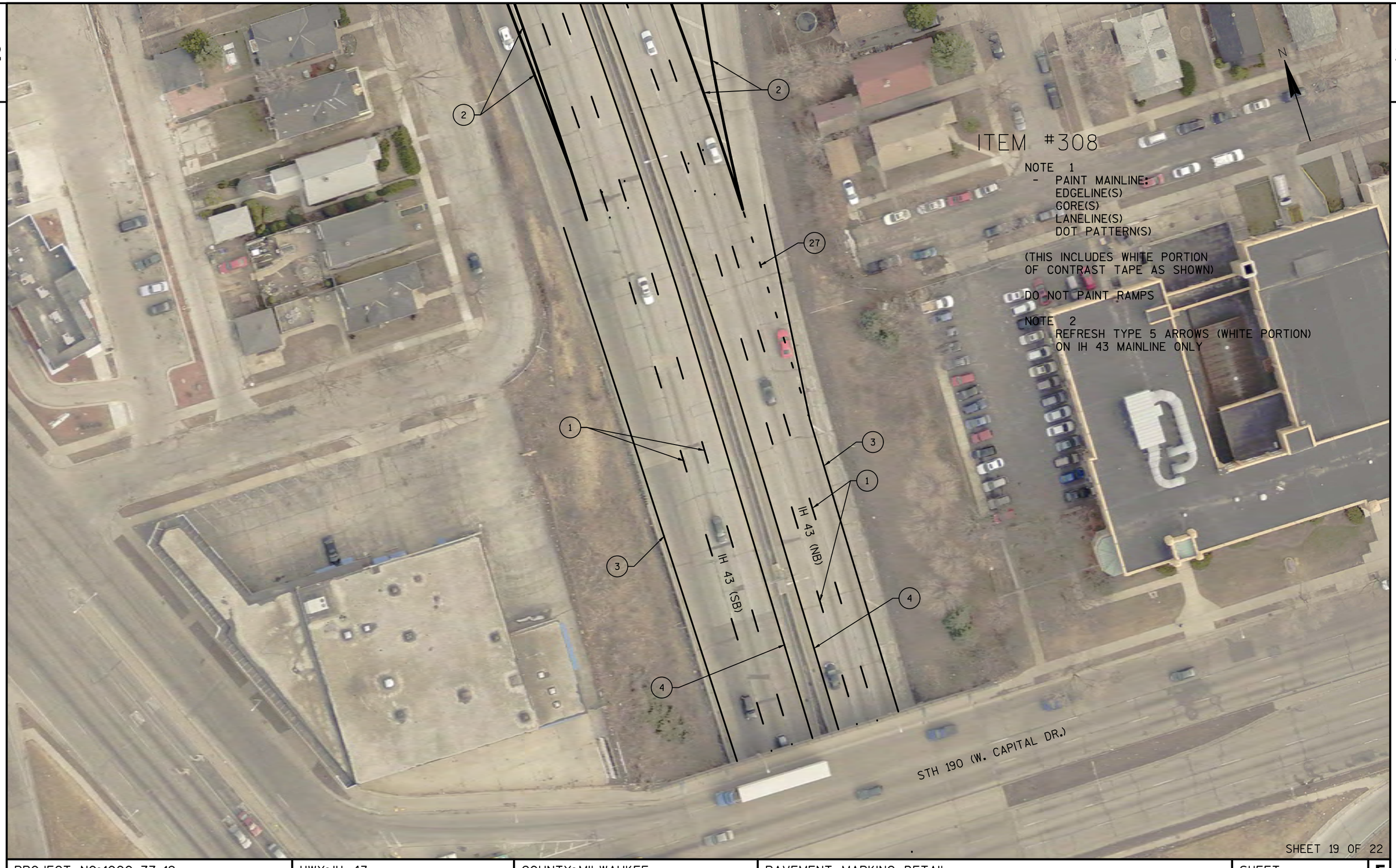
DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

SHEET 18 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 260	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION) ON IH 43 MAINLINE ONLY

SHEET 19 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 261	E

2



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

SHEET 20 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:18 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********



SHEET 21 OF 22

PROJECT NO:1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 263 E



ITEM #308

NOTE 1
- PAINT MAINLINE:
  EDGELINE(S)
  GORE(S)
  LANELINE(S)
  DOT PATTERN(S)

(THIS INCLUDES WHITE PORTION
OF CONTRAST TAPE AS SHOWN)

DO NOT PAINT RAMPS

NOTE 2
REFRESH TYPE 5 ARROWS (WHITE PORTION)
ON IH 43 MAINLINE ONLY

SHEET 22 OF 22

PROJECT NO: 1000-77-19	HWY: IH 43	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-308_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/17/2019 9:18 AM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2



ITEM #309

NOTE A ALL EXISTING 4" MARKINGS (WHITE/YELLOW) SHALL BE REFRESH ON EACH RAMP; LABELED A THRU D

NOTE B THE WHITE PORTION OF ANY 8" CONTRAST EPOXY OR CONTRAST TAPE MARKINGS SHALL BE PAINTED ONLY. (THIS INCLUDES DOT PATTERNS, LANE LINES, AND GORES)

NOTE C SEE QTY. TABLE ON SHEET 29 OF 29 OF QTYS. THAT SHOW WHAT A, A1, A2, ETC.. ARE.

SHEET 1 OF 3

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 265	E

ITEM #309

W. WATERTOWN PLANK RD. (EB)

N

2

3

4

SHEET 2 OF 3

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-309A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1
PLOT DATE : 1/14/2019 2:59 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

ITEM #309

N

W. WATERTOWN PLANK RD. (EB)

W. WATERTOWN PLANK RD. (WB)

nearmap

SHEET 3 OF 3

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 267	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-309A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 2:59 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2



ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

SHEET 1 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:07 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2

2



ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

SHEET 2 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 269	E

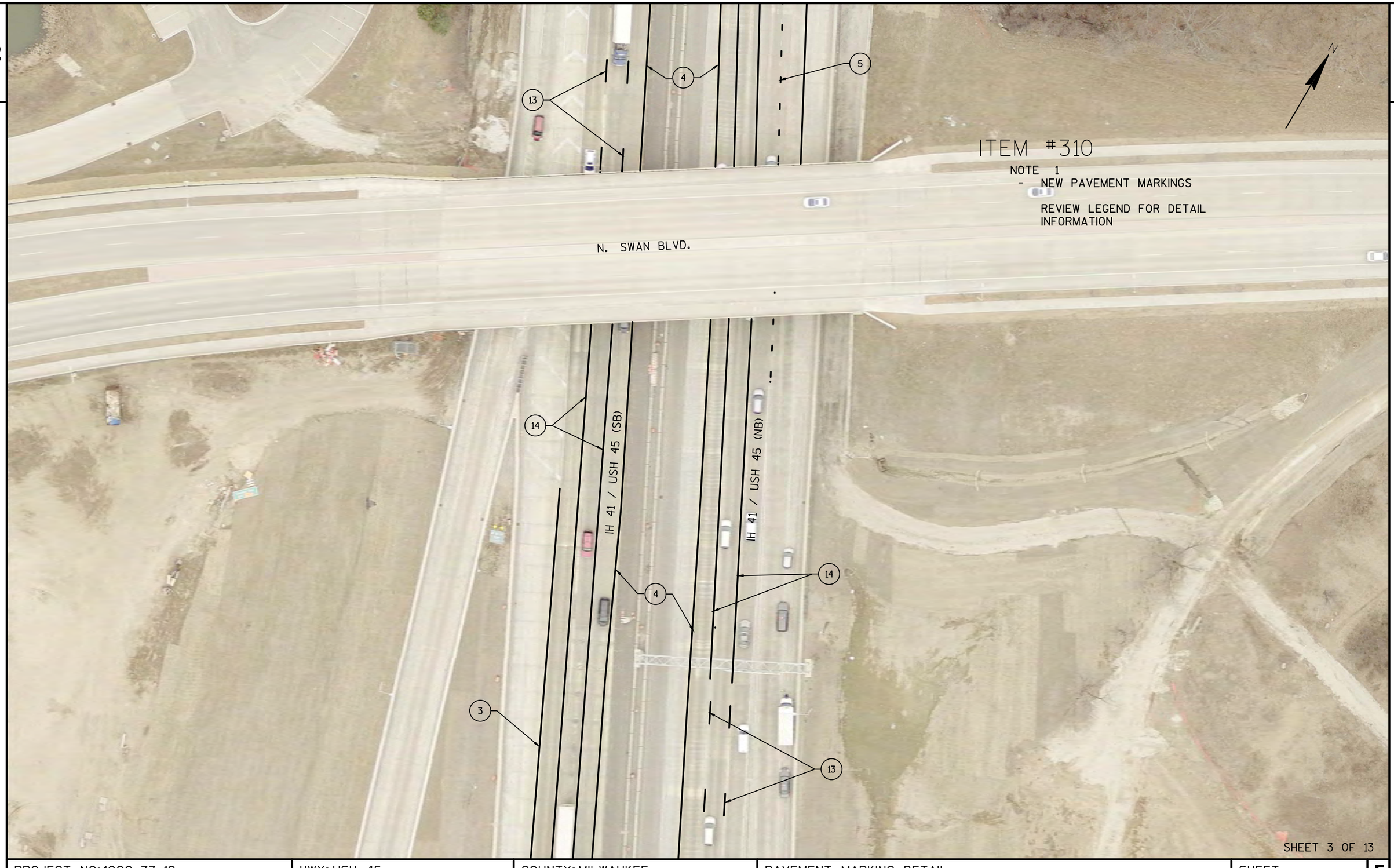
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:07 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

2



PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 270	E

2



SHEET 4 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 271	E



PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 272	E

2

ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

N

13

4

4

15

13

3

3

UNDERWOOD PKWY

MAYFAIR RD.

STH 100

IH 41 / USH 45 (SB)

IH 41 / USH 45 (NB)

SHEET 6 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 273	E

2

ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

N

IH 41 / USH 45 (NB)

IH 41 / USH 45 (SB)

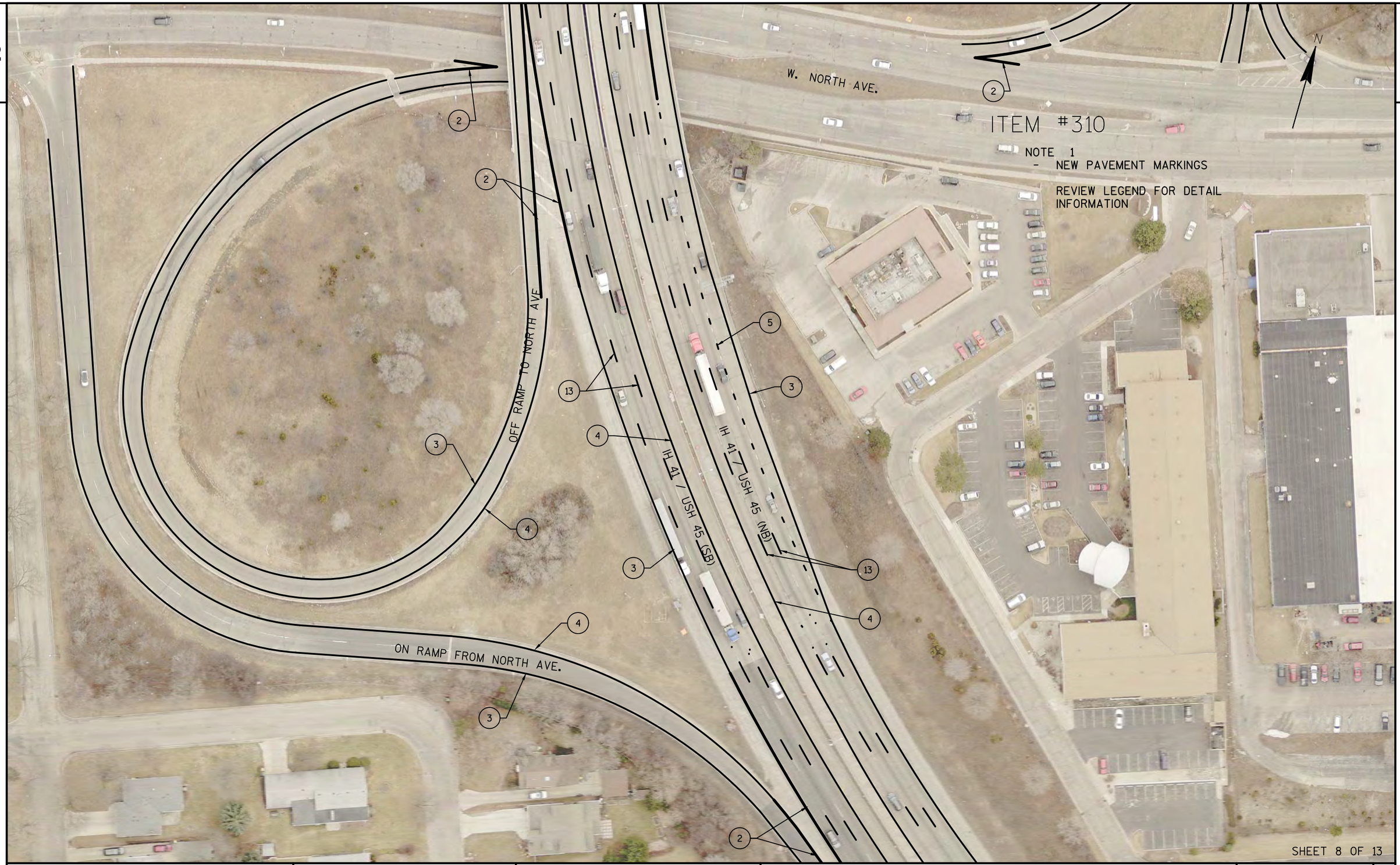
SHEET 7 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 274	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2



ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

SHEET 8 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 275	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

2

2

ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

N

IH 41 / USH 45 (SB)

IH 41 / USH 45 (NB)

W. NORTH AVE.

SHEET 9 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 276	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

W. MEINECKE AVE.

IH 41 / USH 45 (SB)

IH 41 / USH 45 (NB)

NORTH AVE. ON RAMP IH 43 (NB)

N

ITEM #310

NOTE 1
NEW PAVEMENT MARKINGS

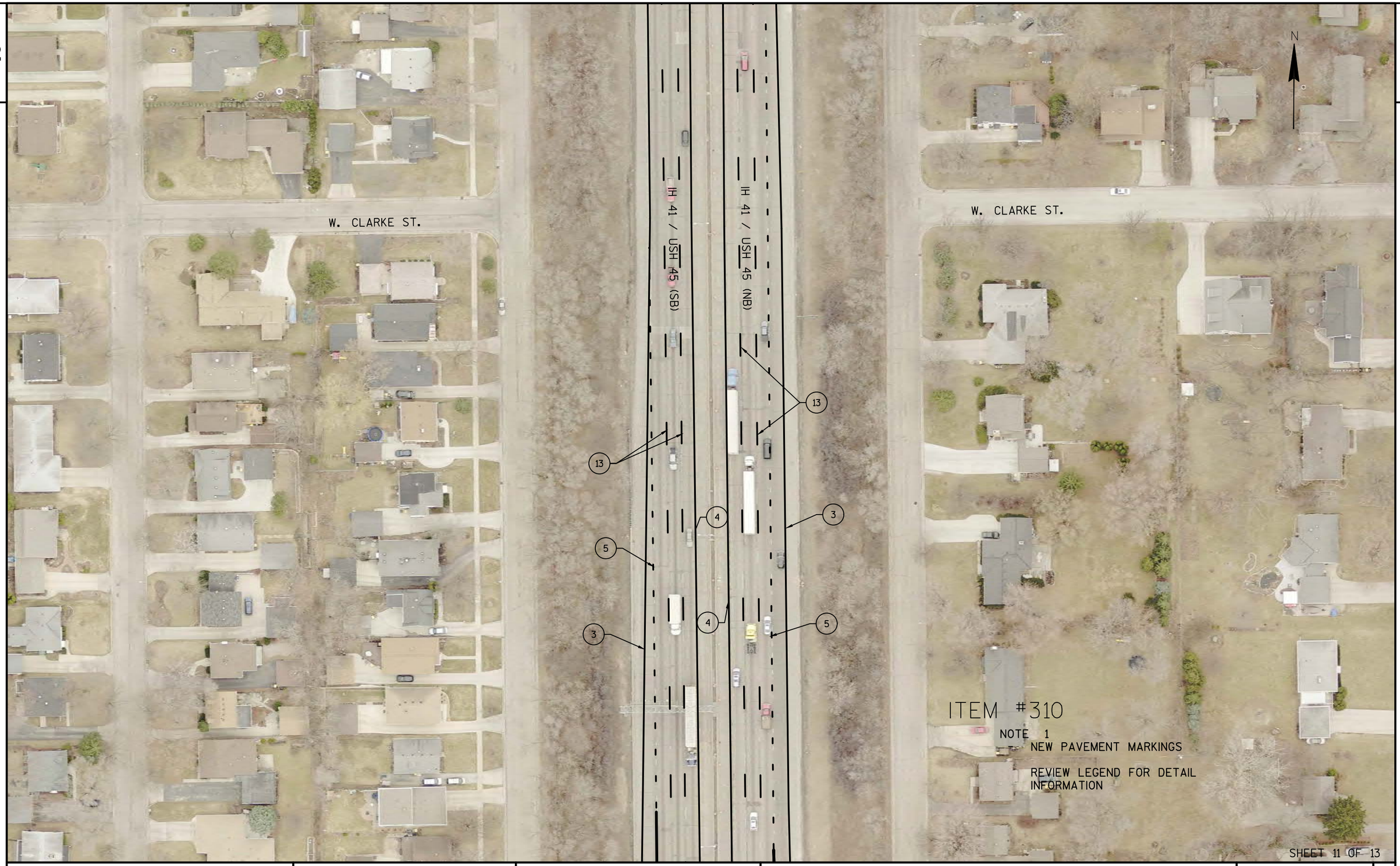
REVIEW LEGEND FOR DETAIL INFORMATION

SHEET 10 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 277	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********



PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 278	E

2

2



SHEET 12 OF 13

PROJECT NO:1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

ITEM #310

NOTE 1
- NEW PAVEMENT MARKINGS

REVIEW LEGEND FOR DETAIL INFORMATION

N

IH 41 / USH 45 (NB)

IH 41 / USH 45 (SB)

5

5

13

4

3

3

13

4

SHEET 13 OF 13

PROJECT NO: 1000-77-19	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKING DETAIL	SHEET 280	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024602_ITEM-310_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 1

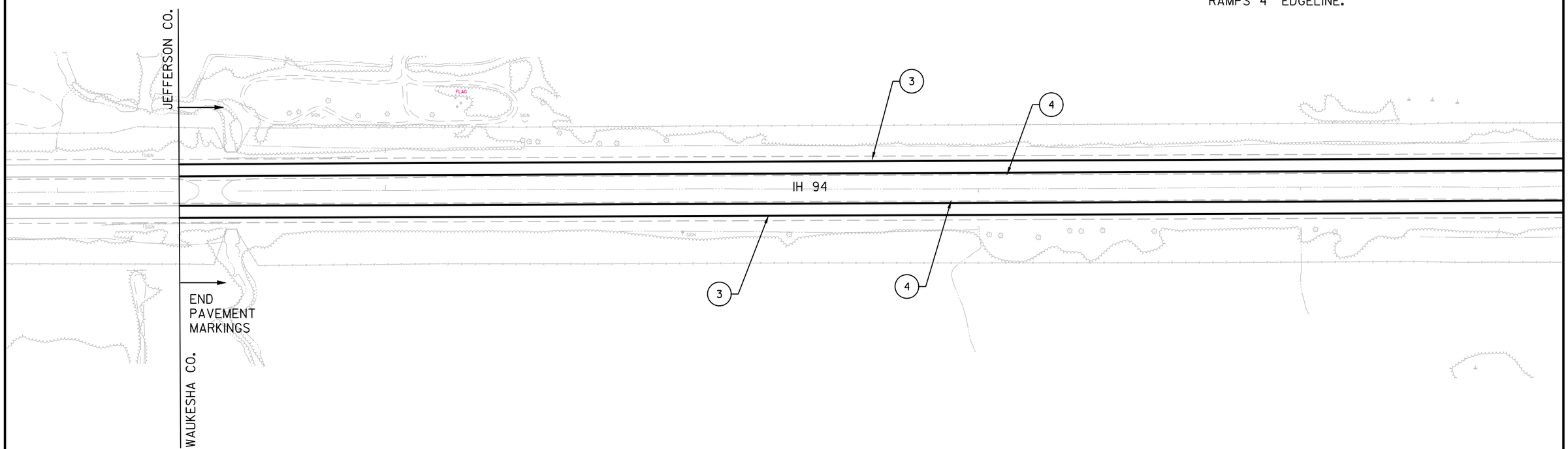
PLOT DATE : 1/14/2019 4:08 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 1 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 281	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ####

PLOT DATE : 1/14/2019 4:24 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

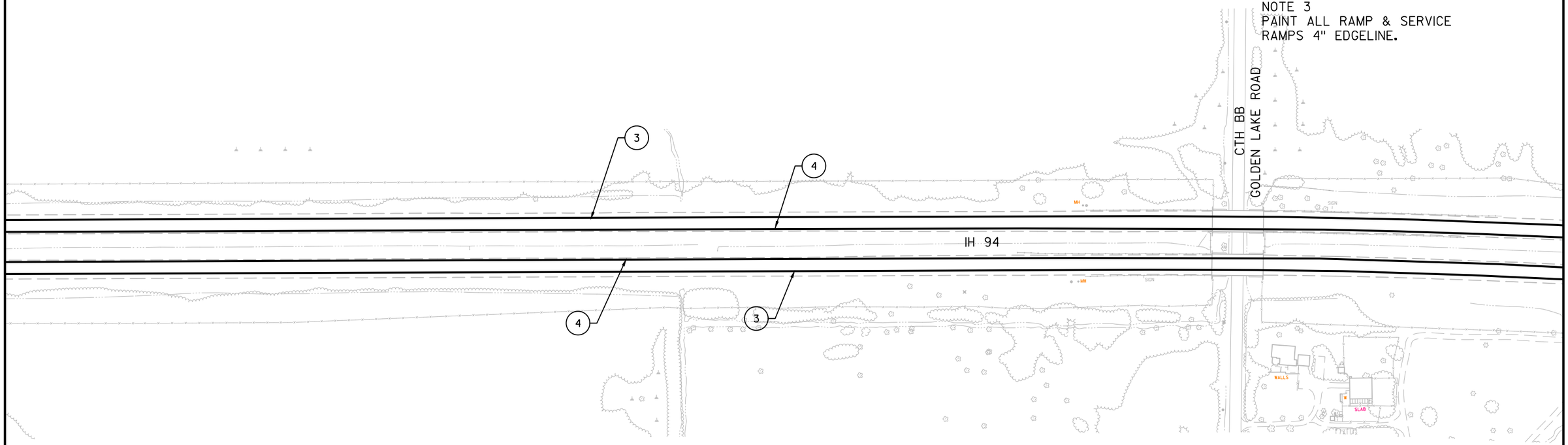
ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N



2

SHEET 2 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 282	E

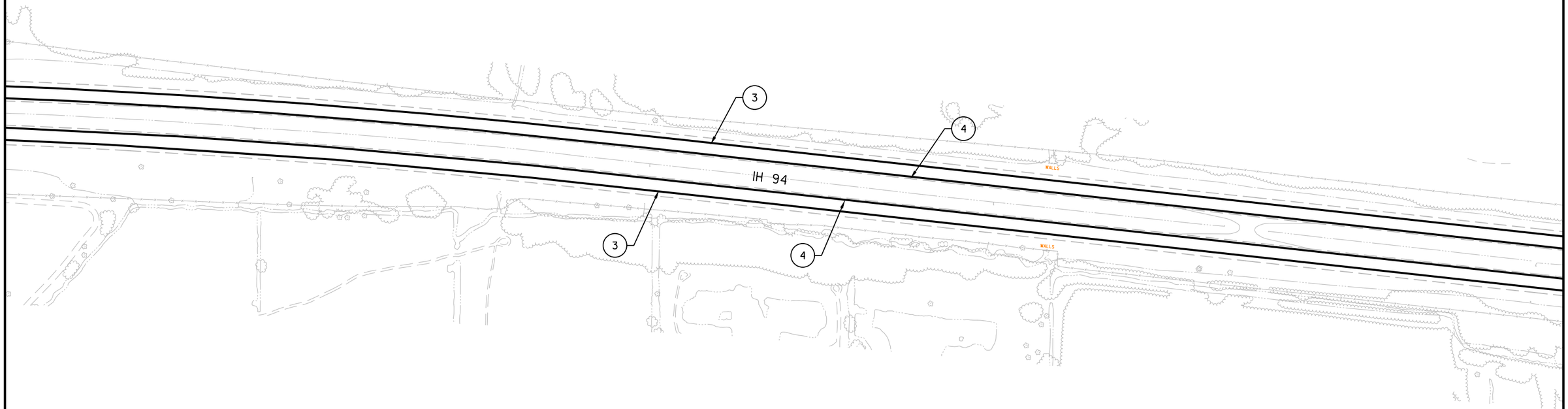
ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N



2

SHEET 3 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 283	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ****
PLOT DATE : 1/14/2019 4:24 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

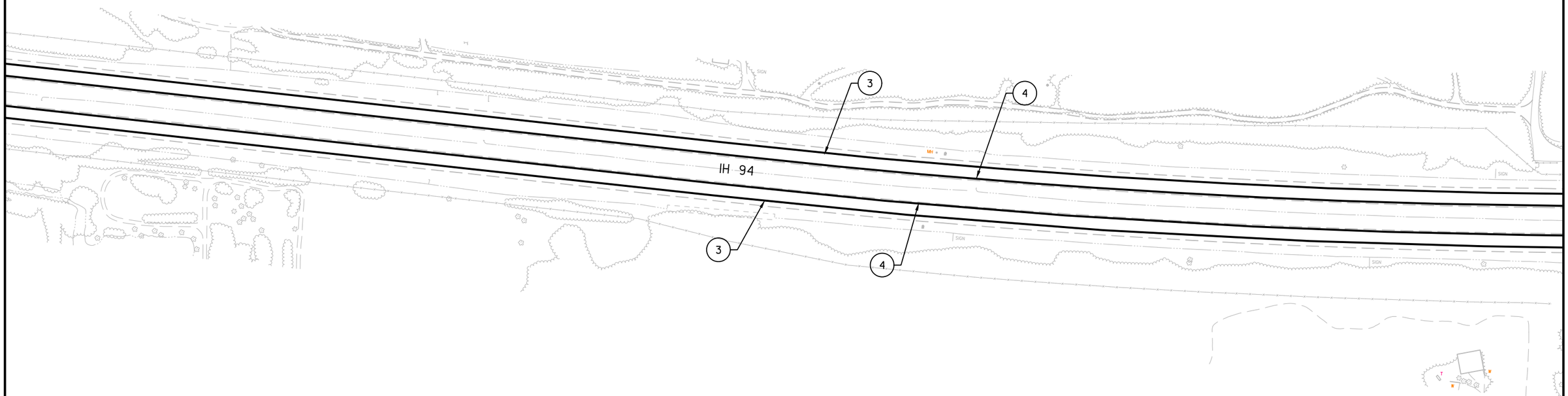
ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N



SHEET 4 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 284	E

2

ITEM #311

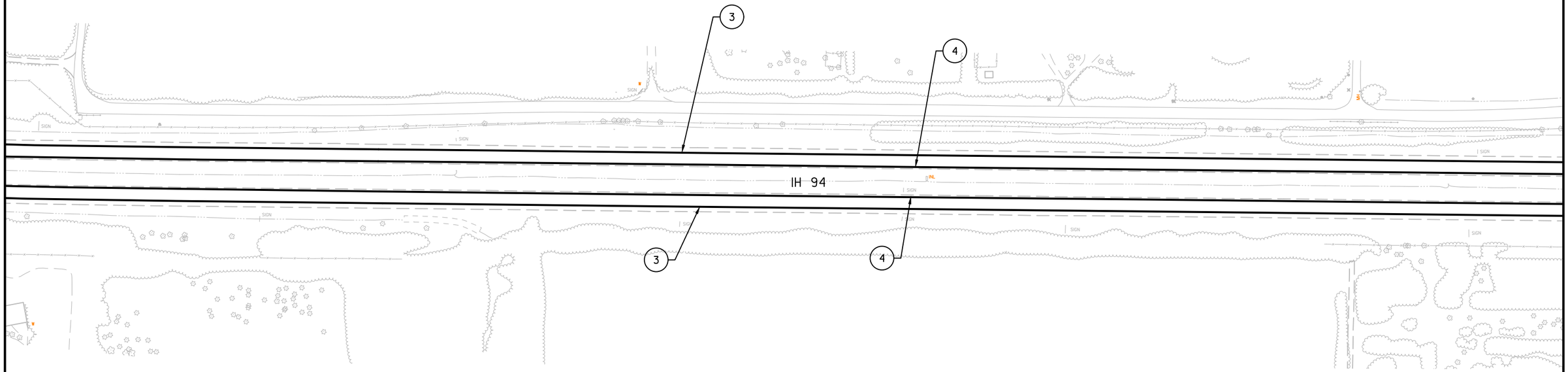
NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

2



SHEET 5 OF 40

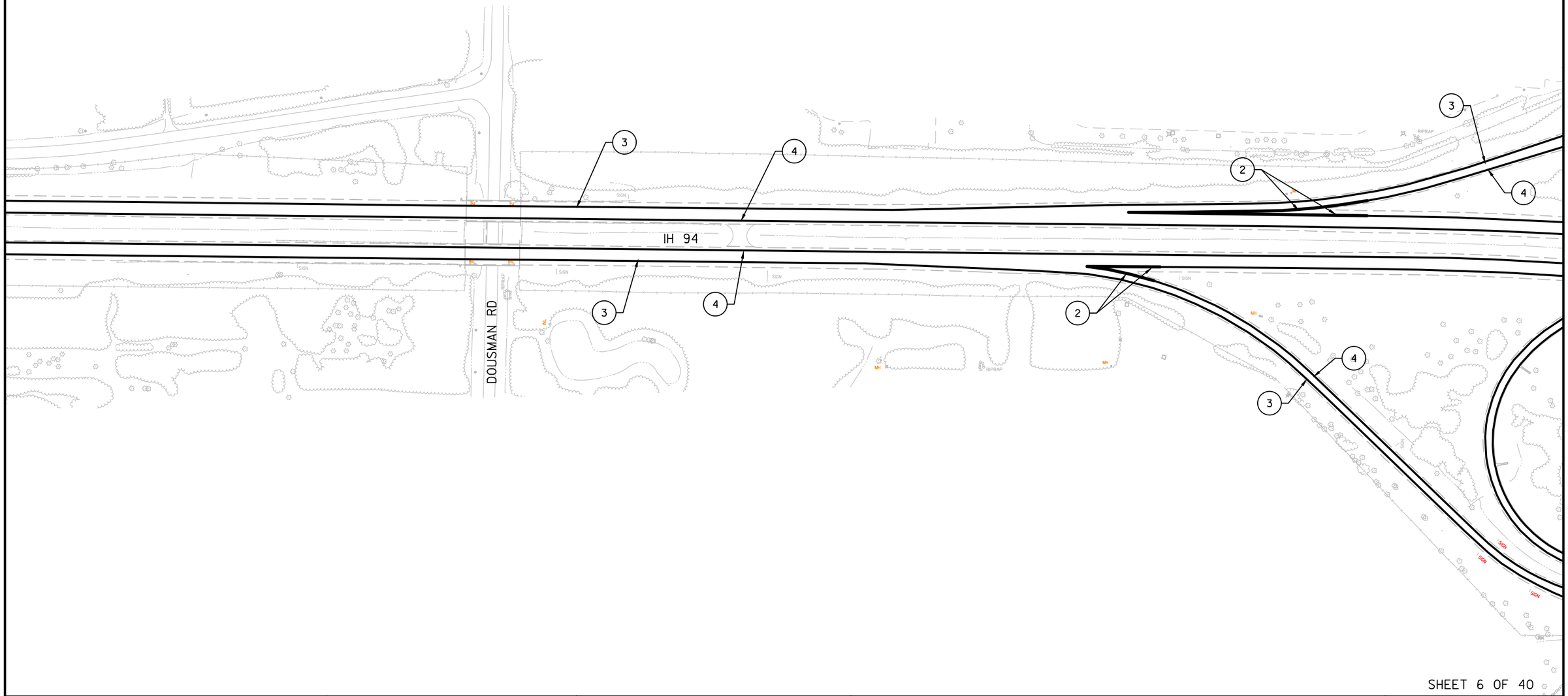
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 285	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 6 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 286	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

"NO WORK"

STH 67 (SUMMIT AVE.)

IH 94

"NO WORK"

ABANDONED QUARRY

SHEET 7 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 287	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 4:25 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

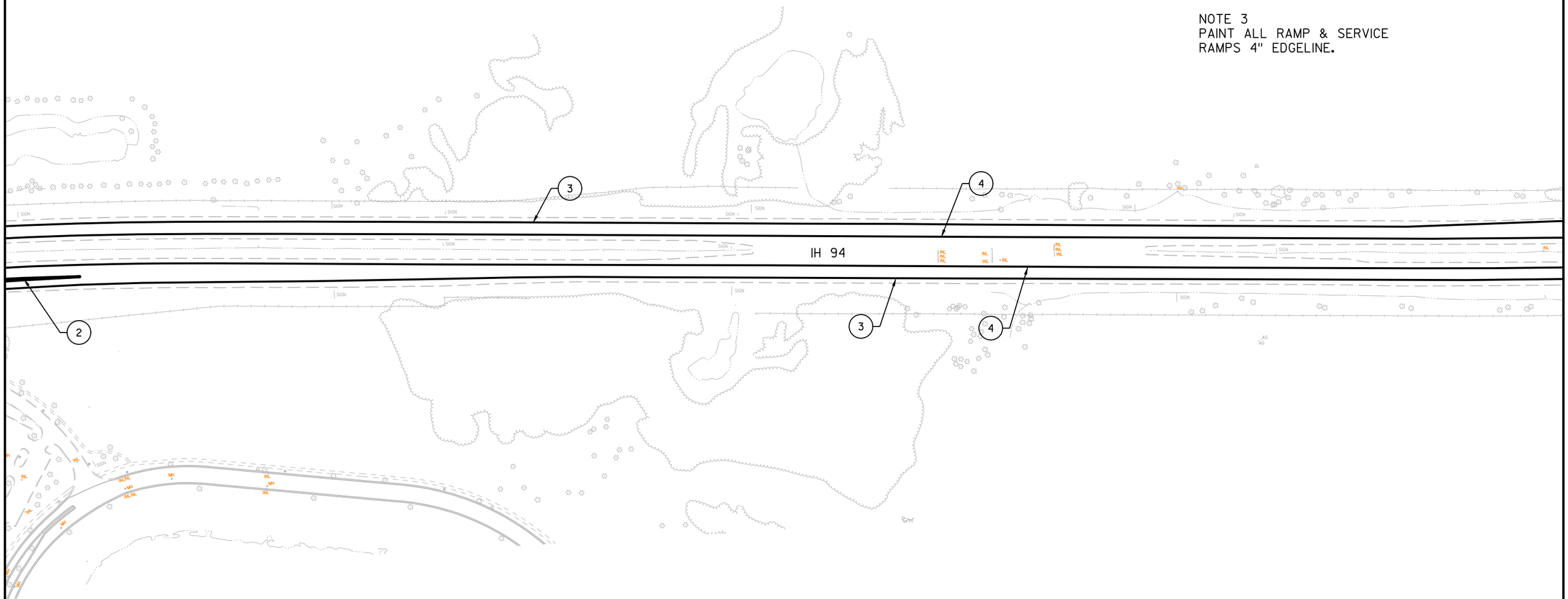
2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 8 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 288	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 4:25 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

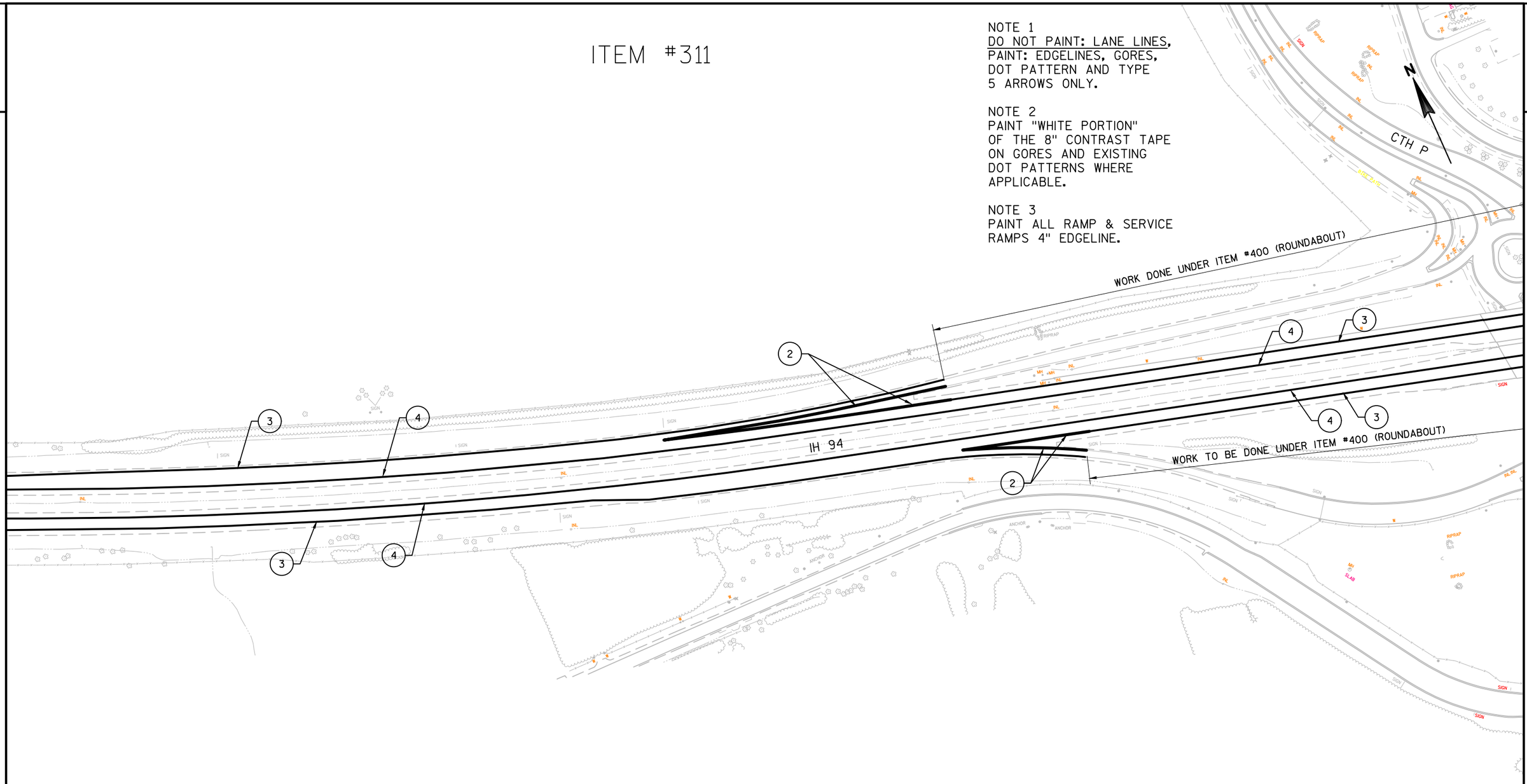
2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 9 OF 40

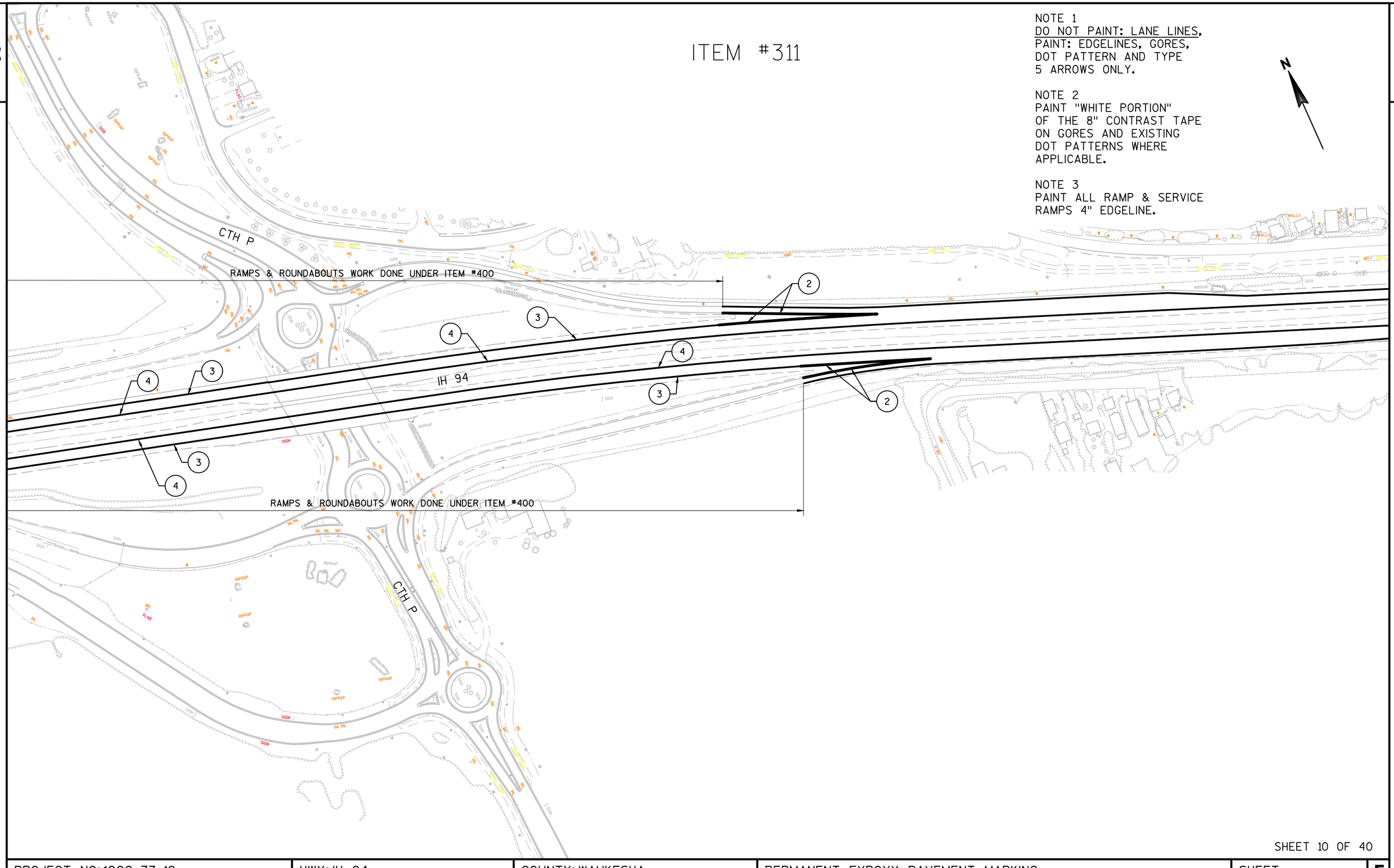
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 289	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 10 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 290	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ****

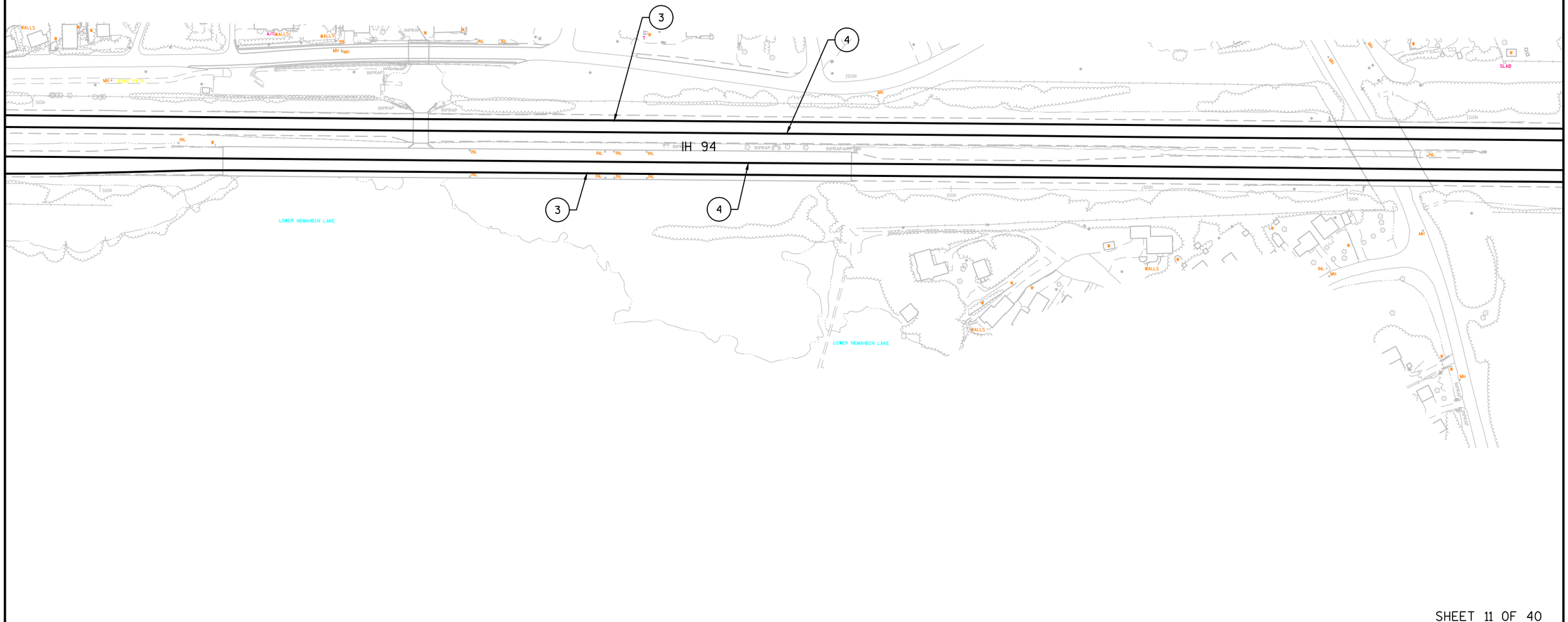
PLOT DATE : 1/14/2019 4:25 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 11 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 291	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM.DWG
LAYOUT NAME - ****

PLOT DATE : 1/14/2019 4:26 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

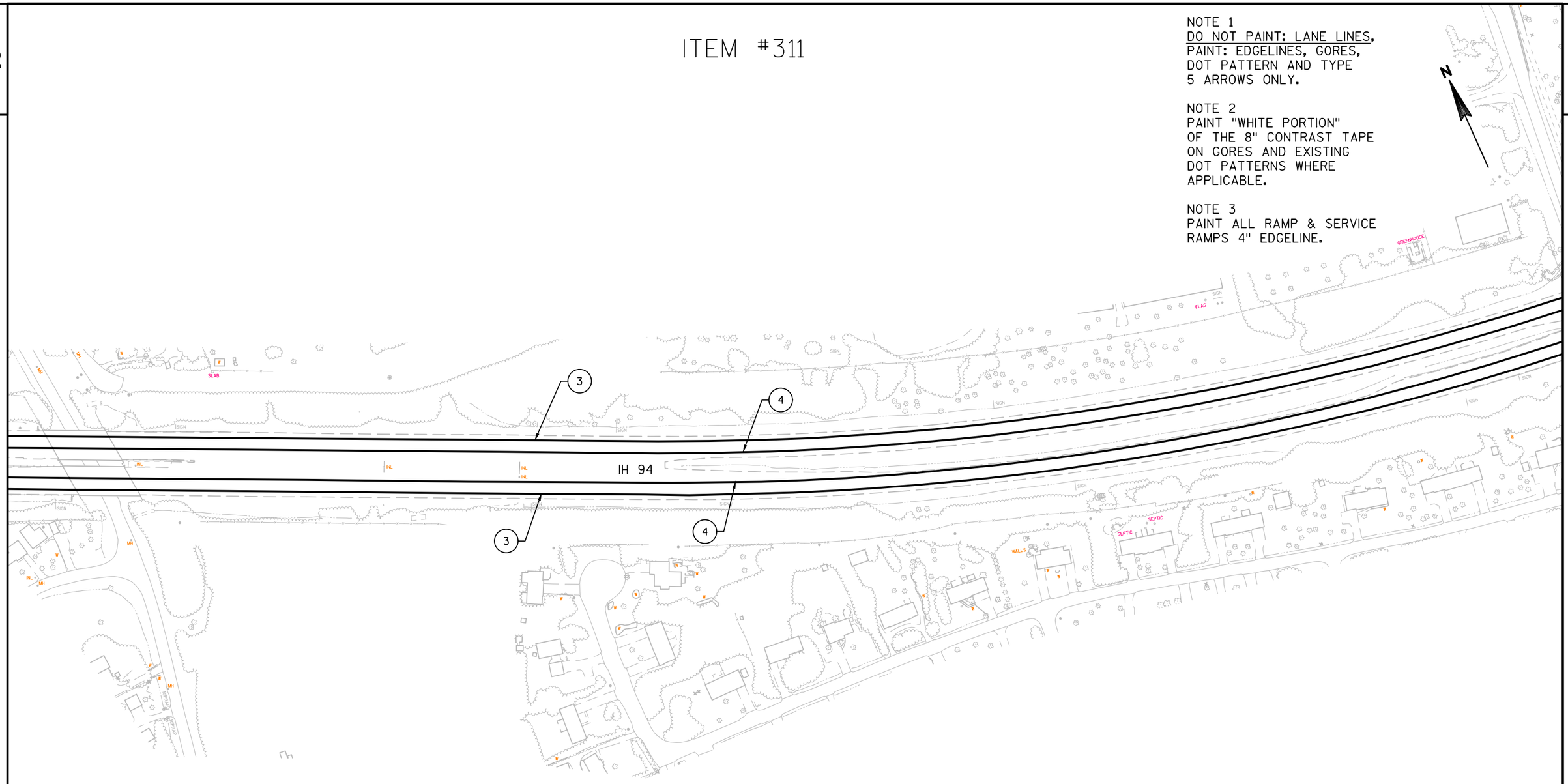
2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 12 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 292	E

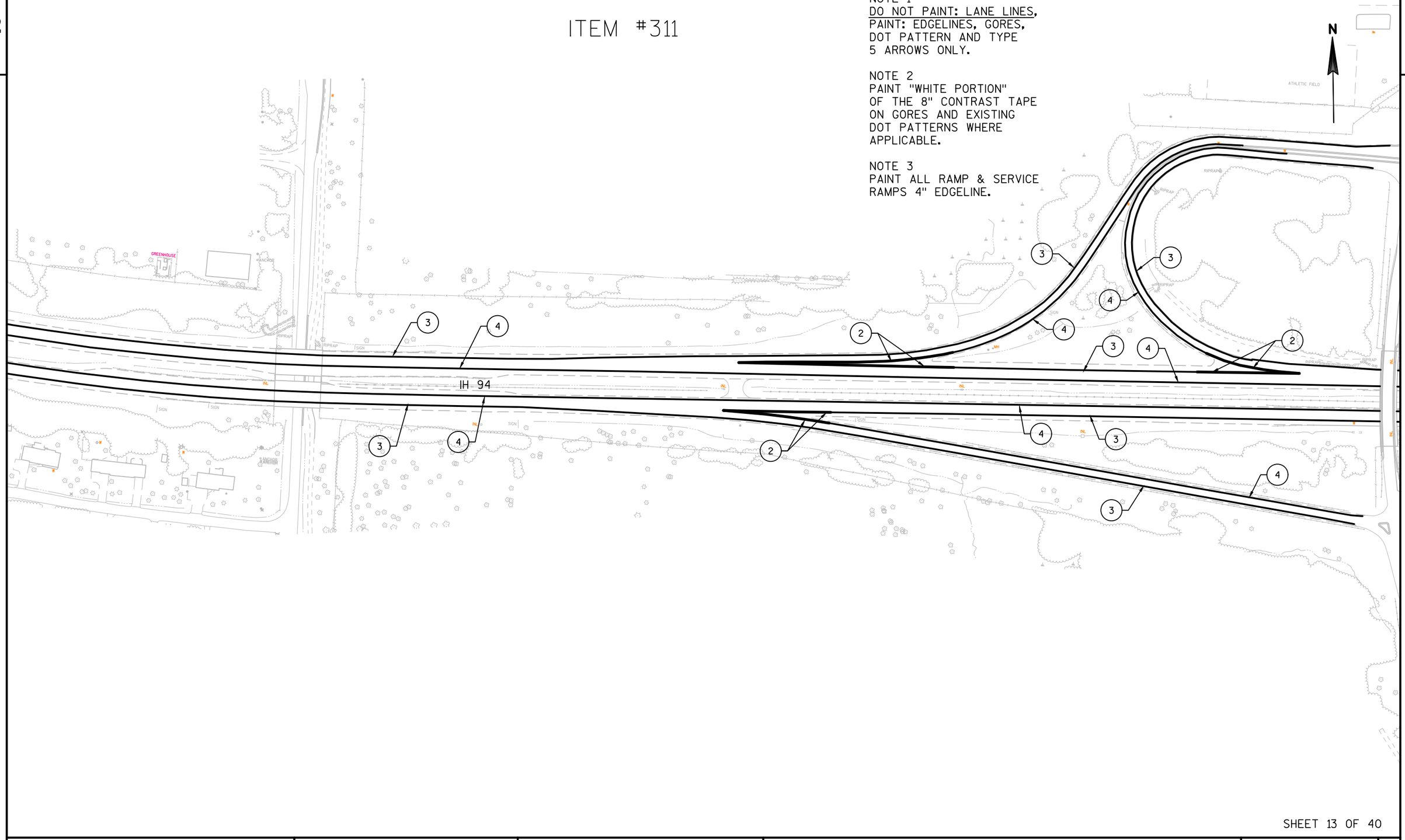
2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



2

SHEET 13 OF 40

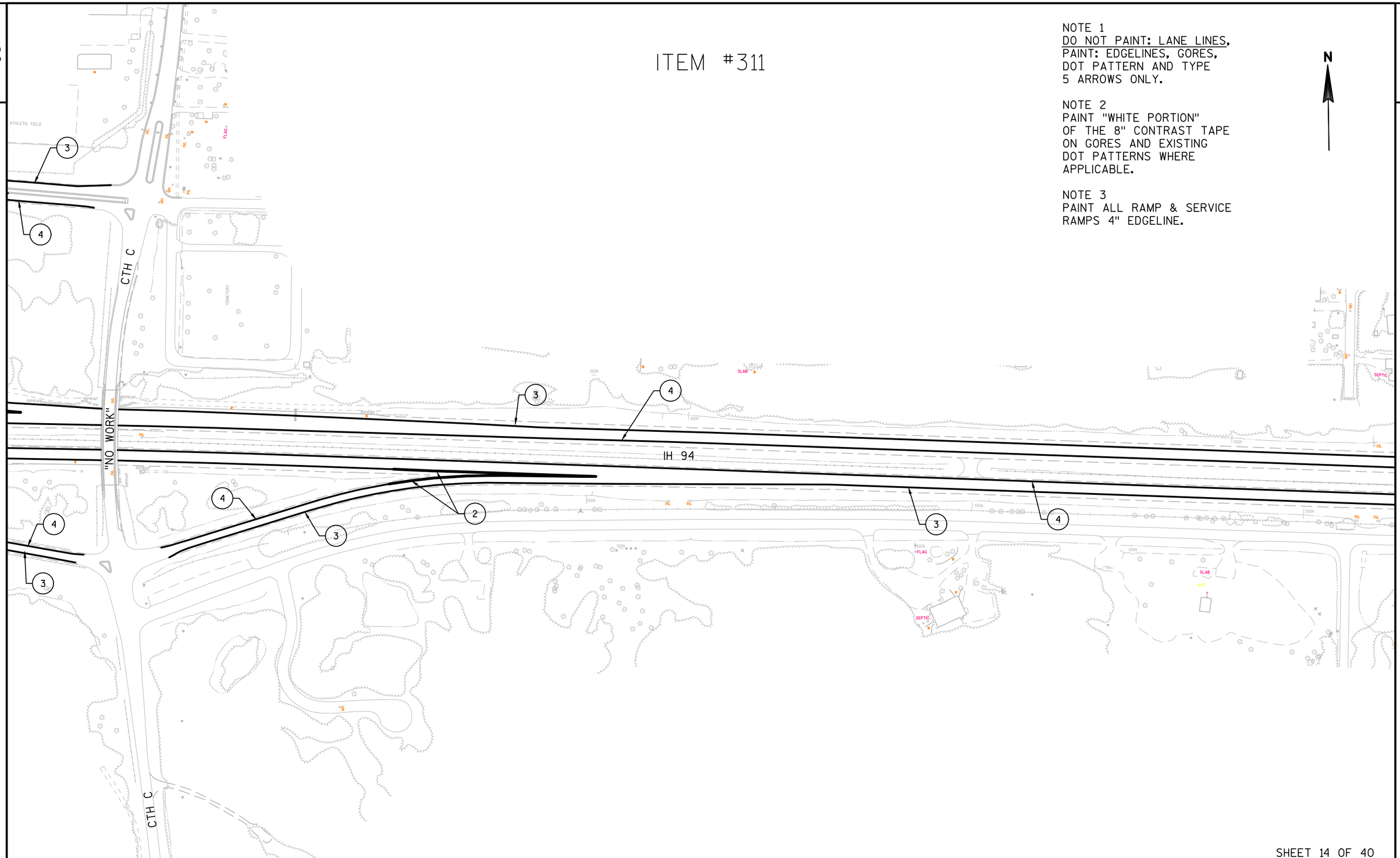
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 293	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 14 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 294	E

2

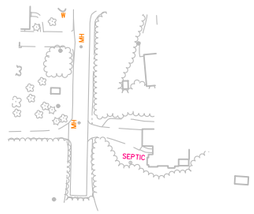
ITEM #311

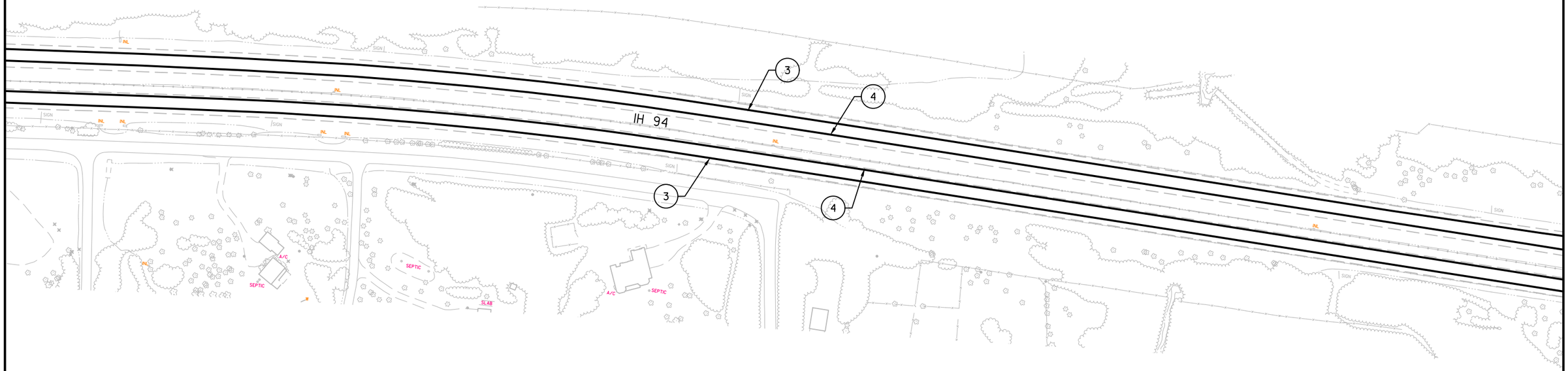
NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N





SHEET 15 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 295	E

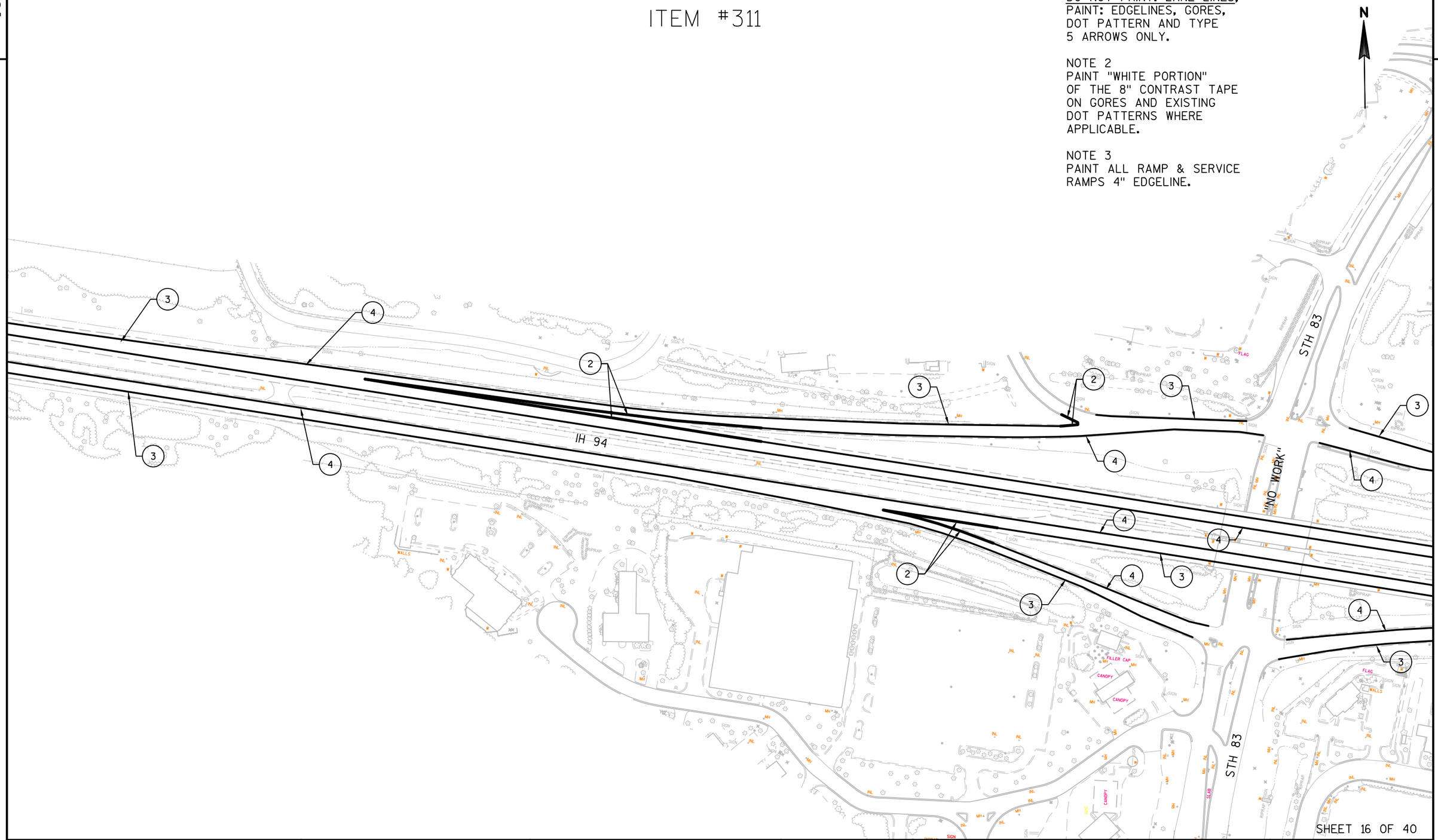
2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



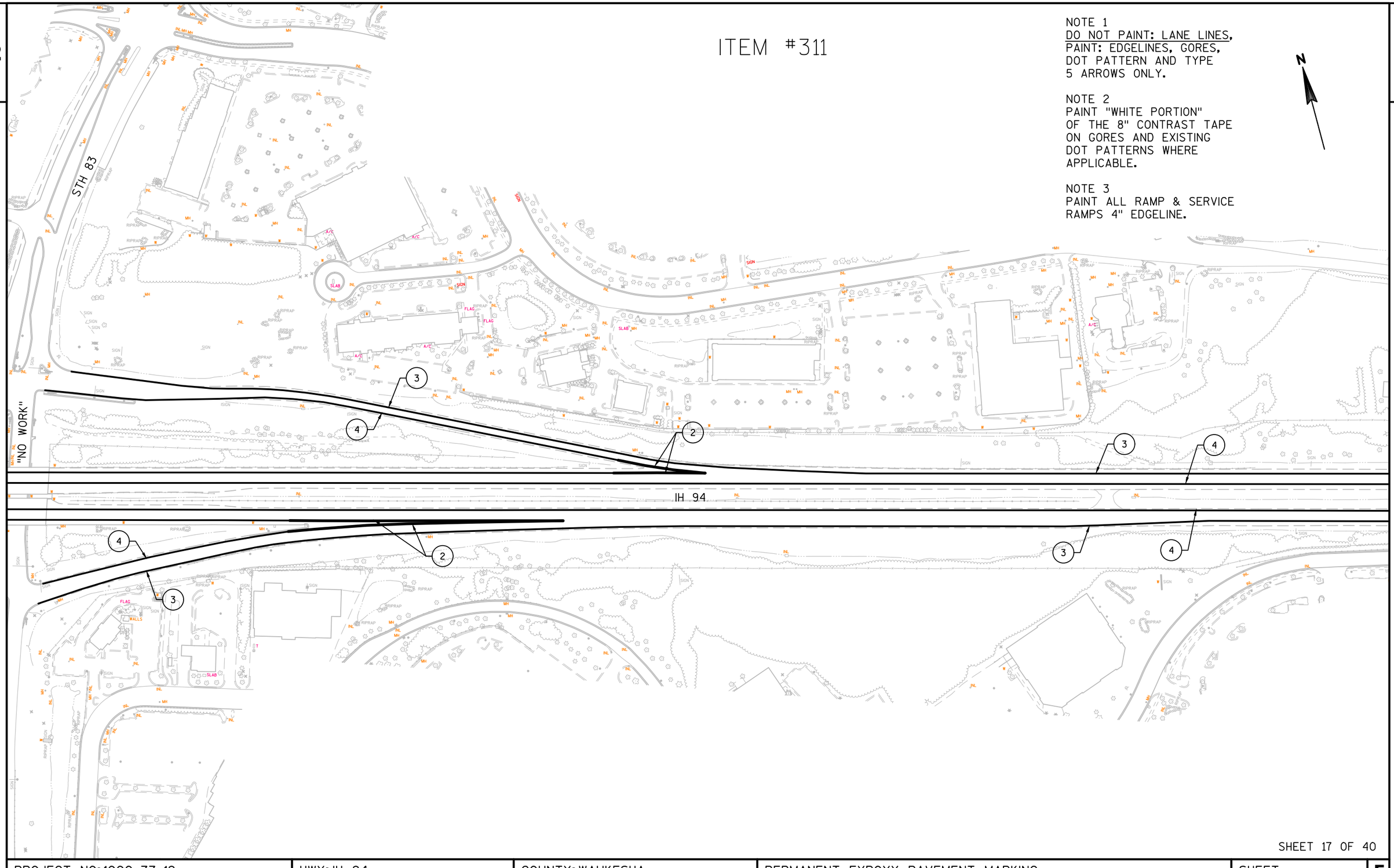
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 296	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 17 OF 40

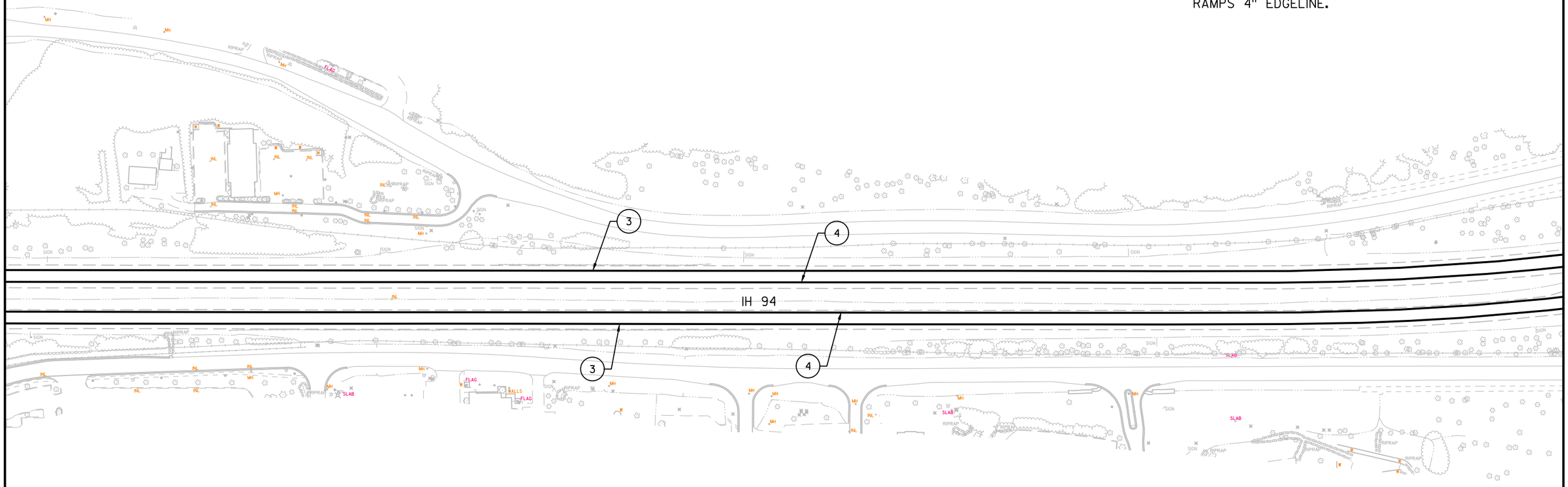
PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 297	E

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



SHEET 18 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PERMANENT EXPOXY PAVEMENT MARKING	SHEET 298	E

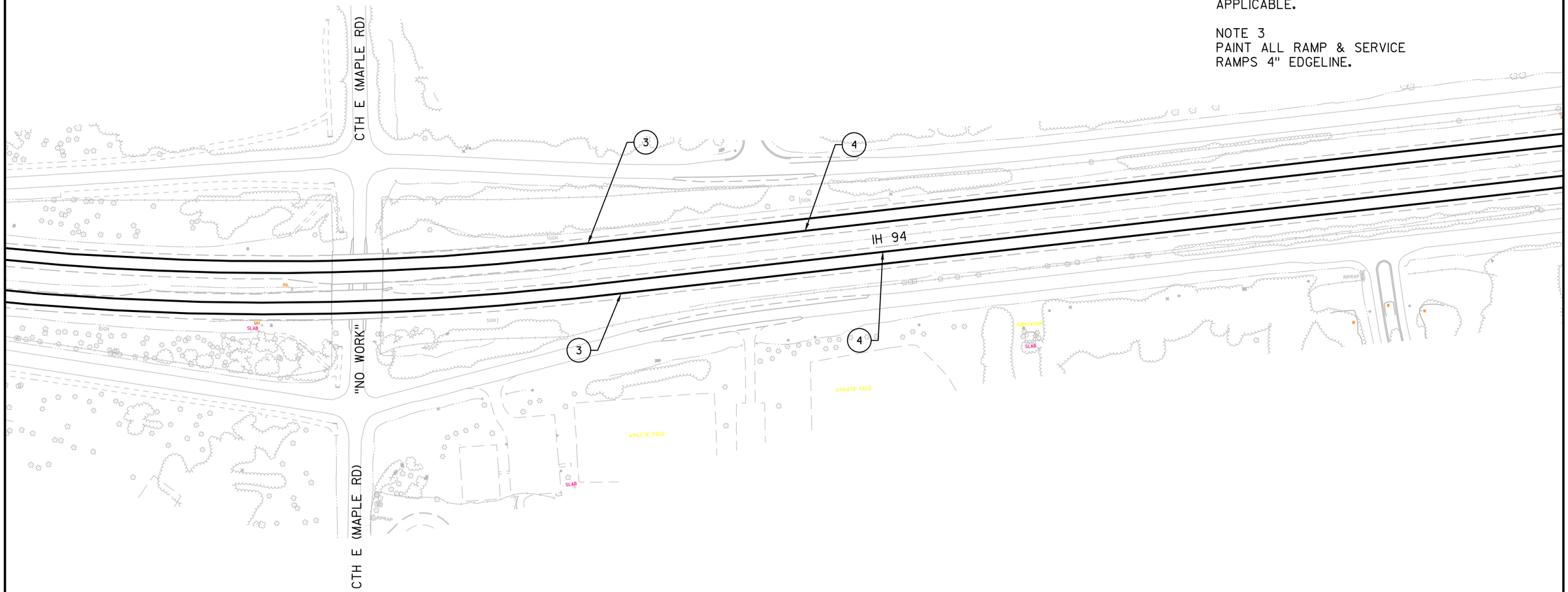
ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.





2

2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

CTH SS

"NO WORK"

IH 94

SHEET 20 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 300	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2

PLOT DATE : 1/14/2019 4:33 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

"NO WORK"

CTH G (MEADOWBROOK RD)

IH 94

SHEET 21 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2
PLOT DATE : 1/14/2019 4:33 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

2

2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

"NO WORK"

CTH T (N. GRANDVIEW BLVD.)

IH 94

SHEET 22 OF 40

PROJECT NO:1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 302	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2

PLOT DATE : 1/14/2019 4:33 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

2

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

N

IH 94 (WB) OFF RAMP TO STH 16 (WB)

IH 94

STH 16 ON RAMP IH 94 (EB)

SHEET 23 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 303	E

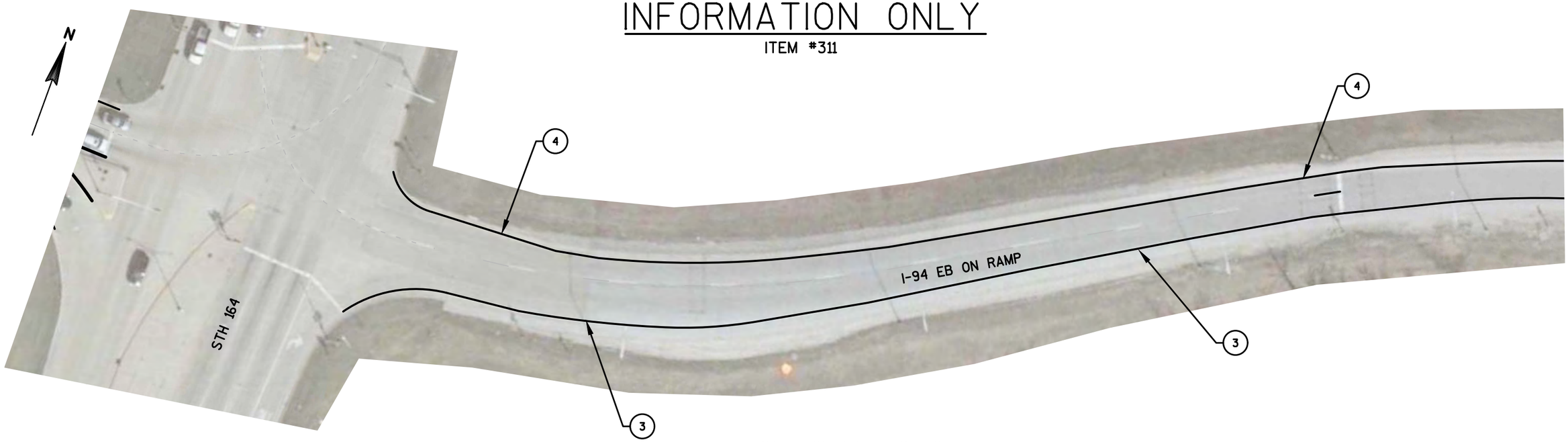
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311A_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2

PLOT DATE : 1/14/2019 4:33 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

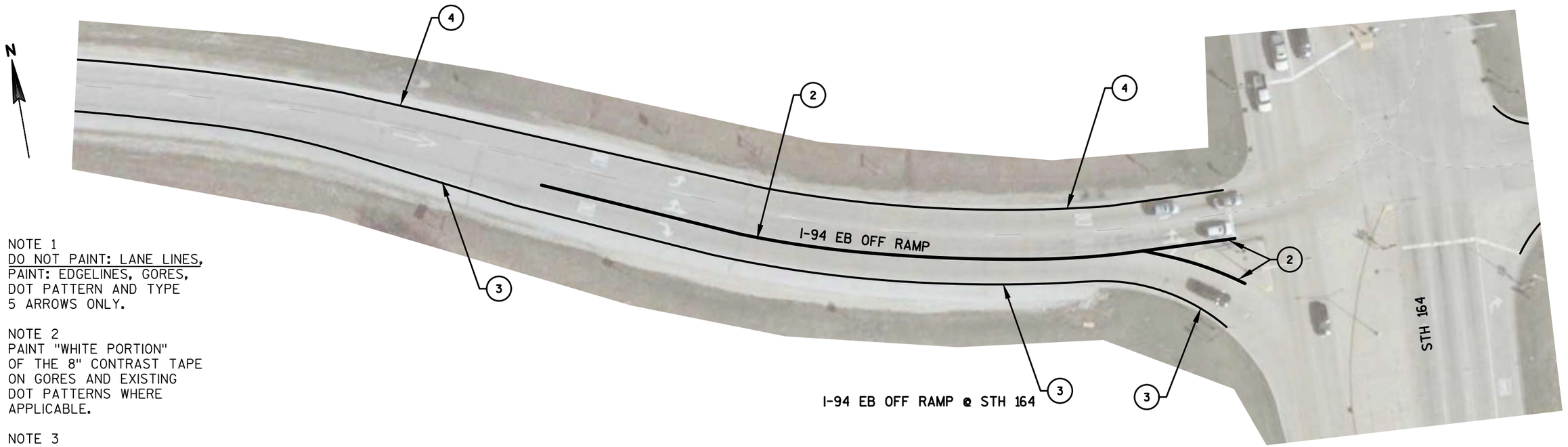
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311



I-94 EB ON RAMP @ STH 164



I-94 EB OFF RAMP @ STH 164

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

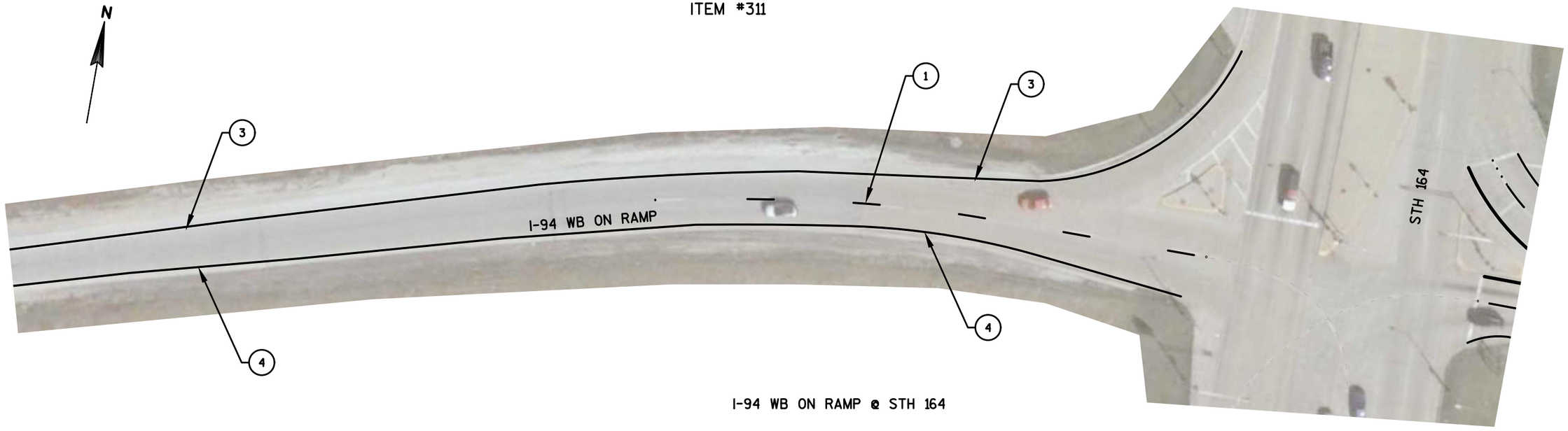
NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

SHEET 24 OF 40

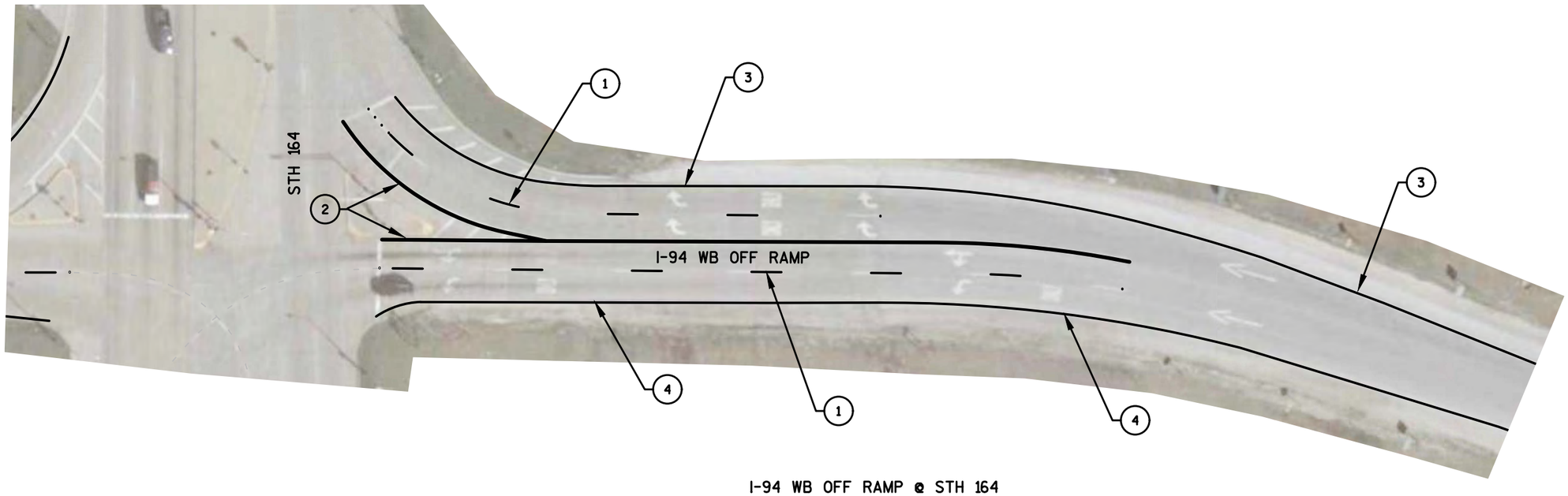
PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - STH 164	SHEET 304	E

INFORMATION ONLY

ITEM #311



I-94 WB ON RAMP @ STH 164



I-94 WB OFF RAMP @ STH 164

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

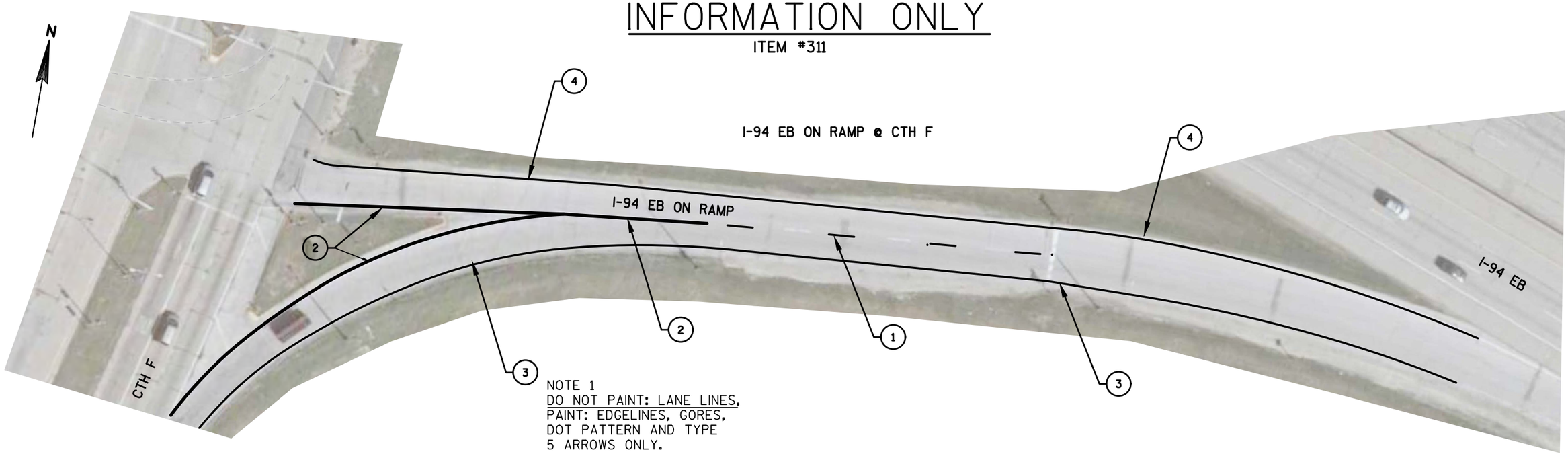
NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

SHEET 25 OF 40

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - STH 164	SHEET 305	E

INFORMATION ONLY

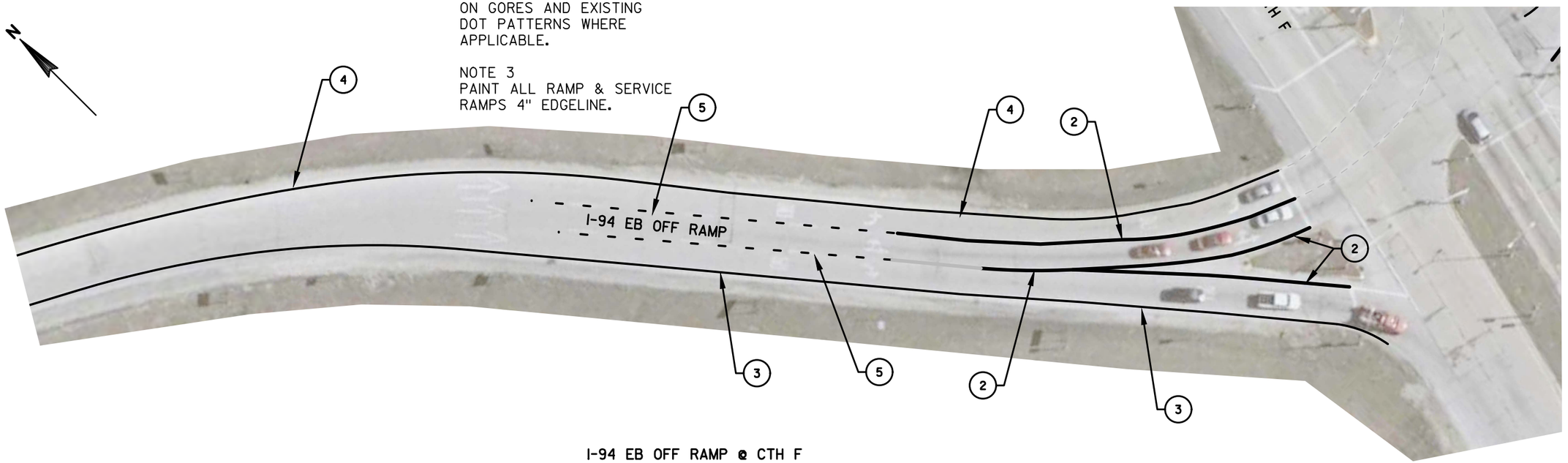
ITEM #311



NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



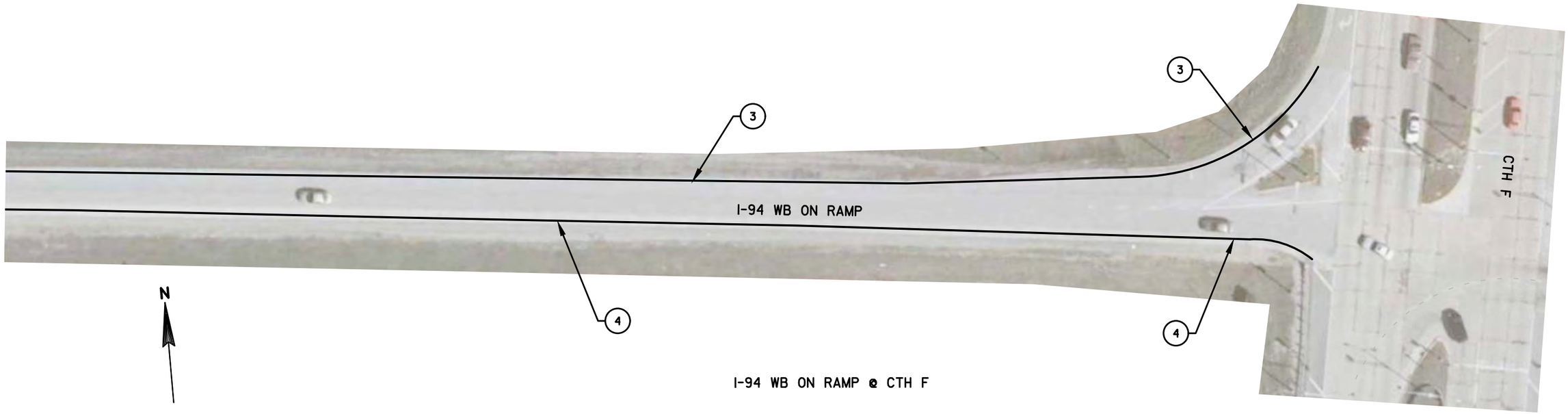
I-94 EB OFF RAMP @ CTH F

SHEET 26 OF 40

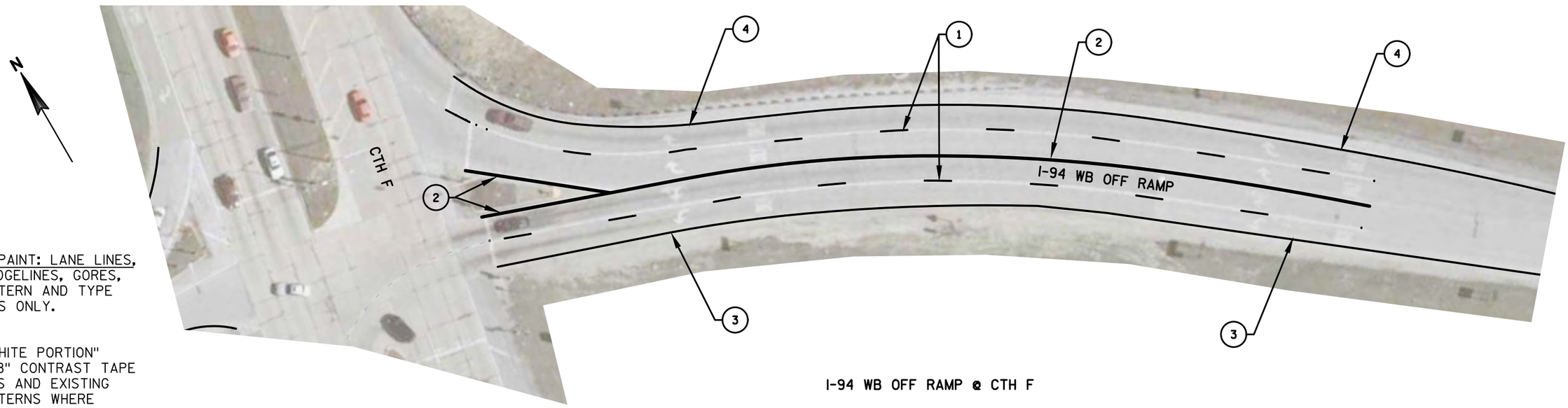
PROJECT NO:1000-77-19	HWY:I-94	COUNTY:WAUKESHA	PAVEMENT MARKING DETAIL - CTH F	SHEET 306	E

INFORMATION ONLY

ITEM #311



I-94 WB ON RAMP @ CTH F



I-94 WB OFF RAMP @ CTH F

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

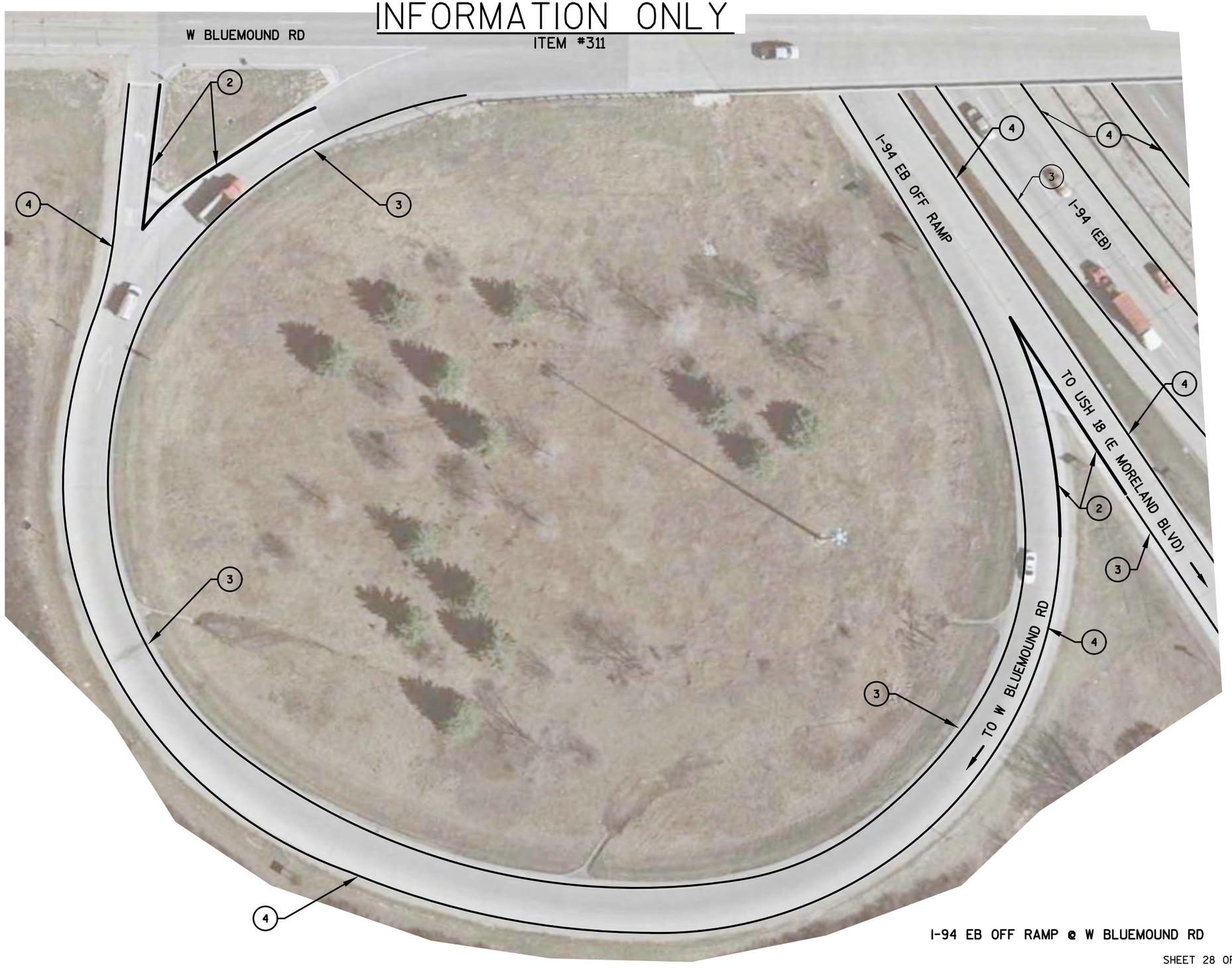
NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

SHEET 27 OF 40

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH F	SHEET 307	E

INFORMATION ONLY

ITEM #311



N

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

I-94 EB OFF RAMP @ W BLUEMOUND RD

SHEET 28 OF 40

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - W BLUEMOUND RD	SHEET 308	E

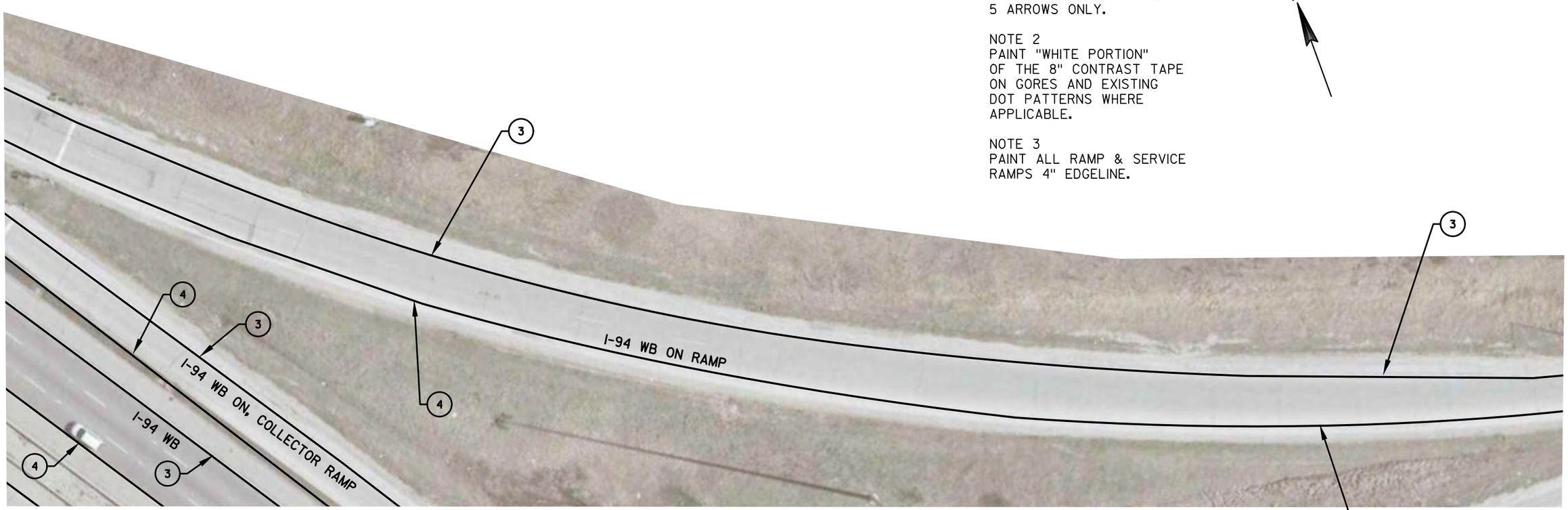
INFORMATION ONLY

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



I-94 WB ON RAMP @ W BLUEMOUND RD

SHEET 29 OF 40

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - W BLUEMOUND RD	SHEET 309	E

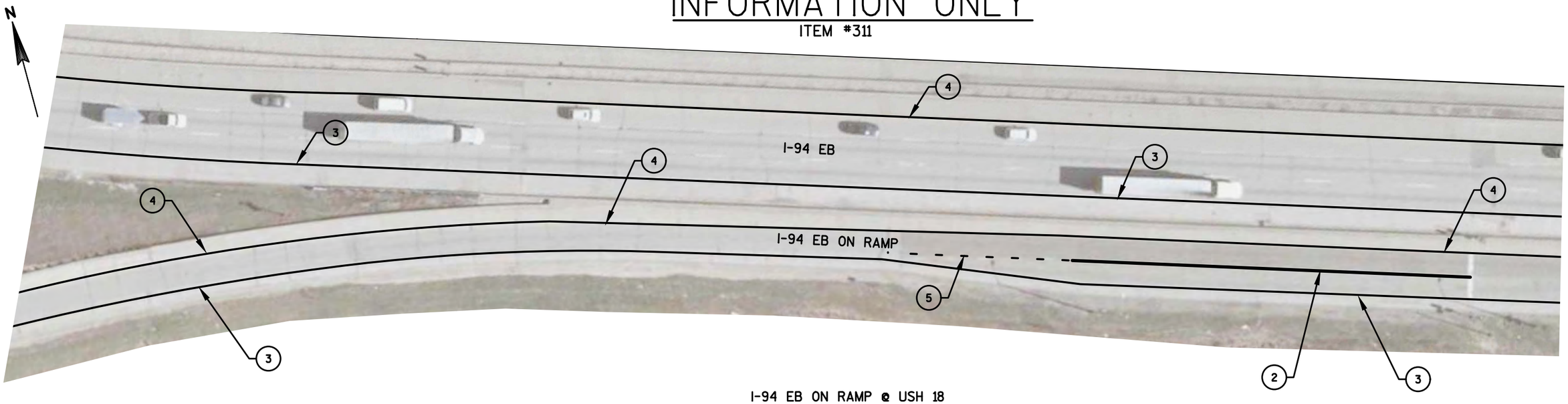
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM_SECT-G.DWG
LAYOUT NAME - G-40

PLOT DATE : 1/14/2019 4:48 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

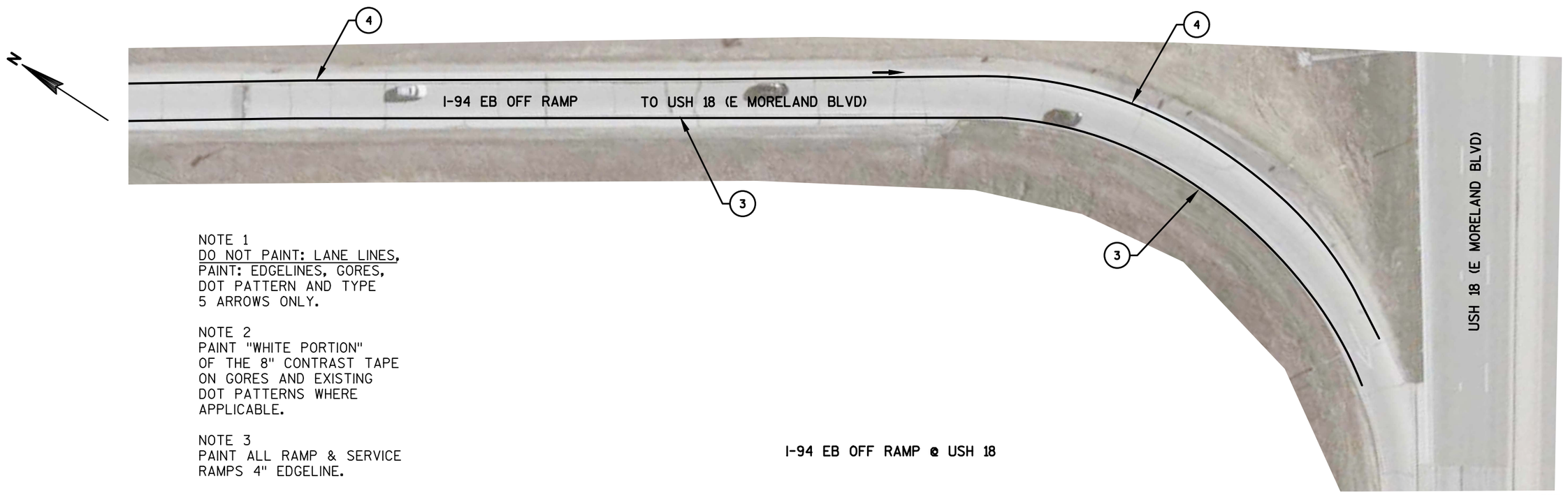
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311



I-94 EB ON RAMP @ USH 18



NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

I-94 EB OFF RAMP @ USH 18

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - USH 18 (E MORELAND BLVD)	SHEET 310	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM_SECT-G.DWG
LAYOUT NAME - G-41
PLOT DATE : 1/14/2019 4:48 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311

I-94 WB OFF RAMP @ USH 18

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



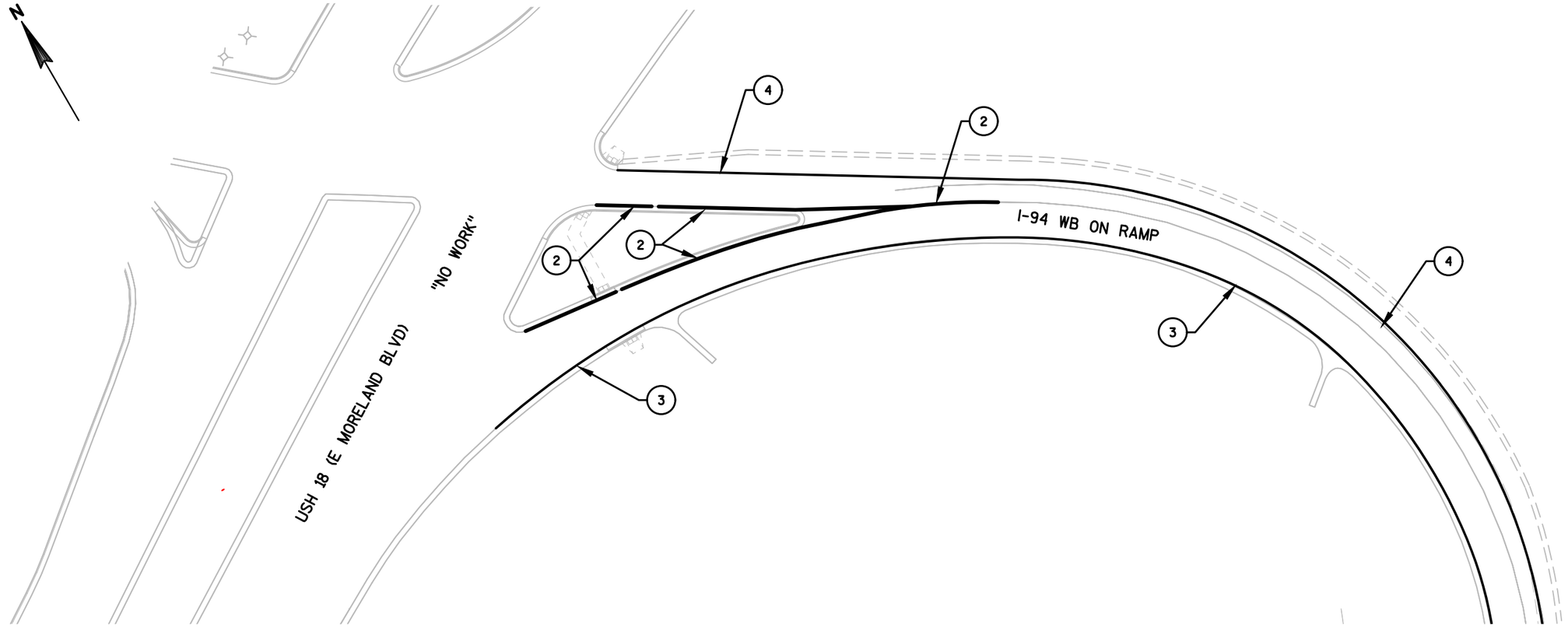
SHEET 31 OF 40

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - USH 18 (E MORELAND BLVD)	SHEET 311	E

INFORMATION ONLY

ITEM #311

2



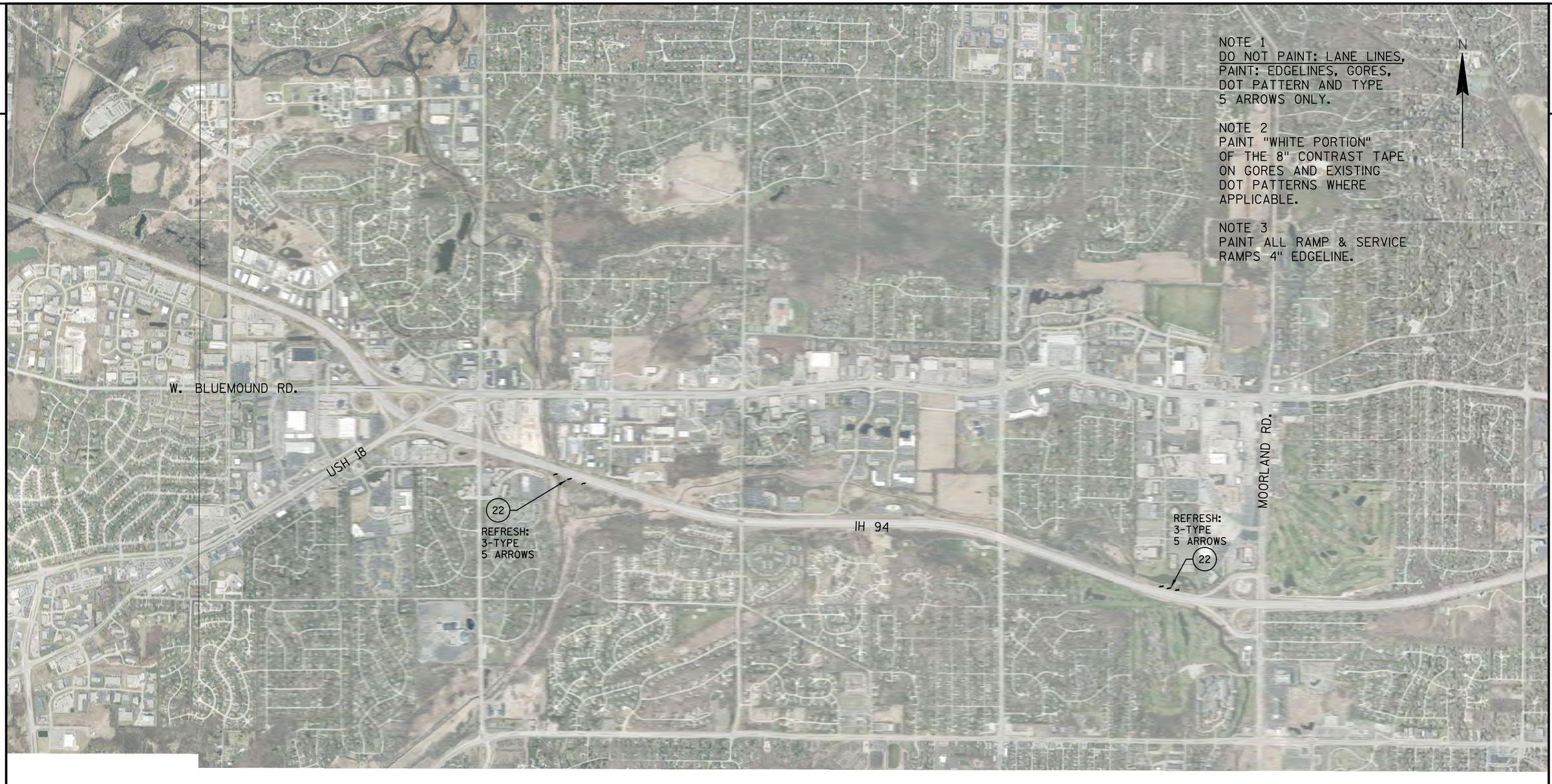
I-94 WB ON RAMP @ USH 18

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

2



2

SHEET 33 OF 40

PROJECT NO: 1000-77-19	HWY: IH 94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL	SHEET 313	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311B_PM.DWG
LAYOUT NAME - IH94_35THST - PM SHEET 2

PLOT DATE : 1/14/2019 4:45 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311

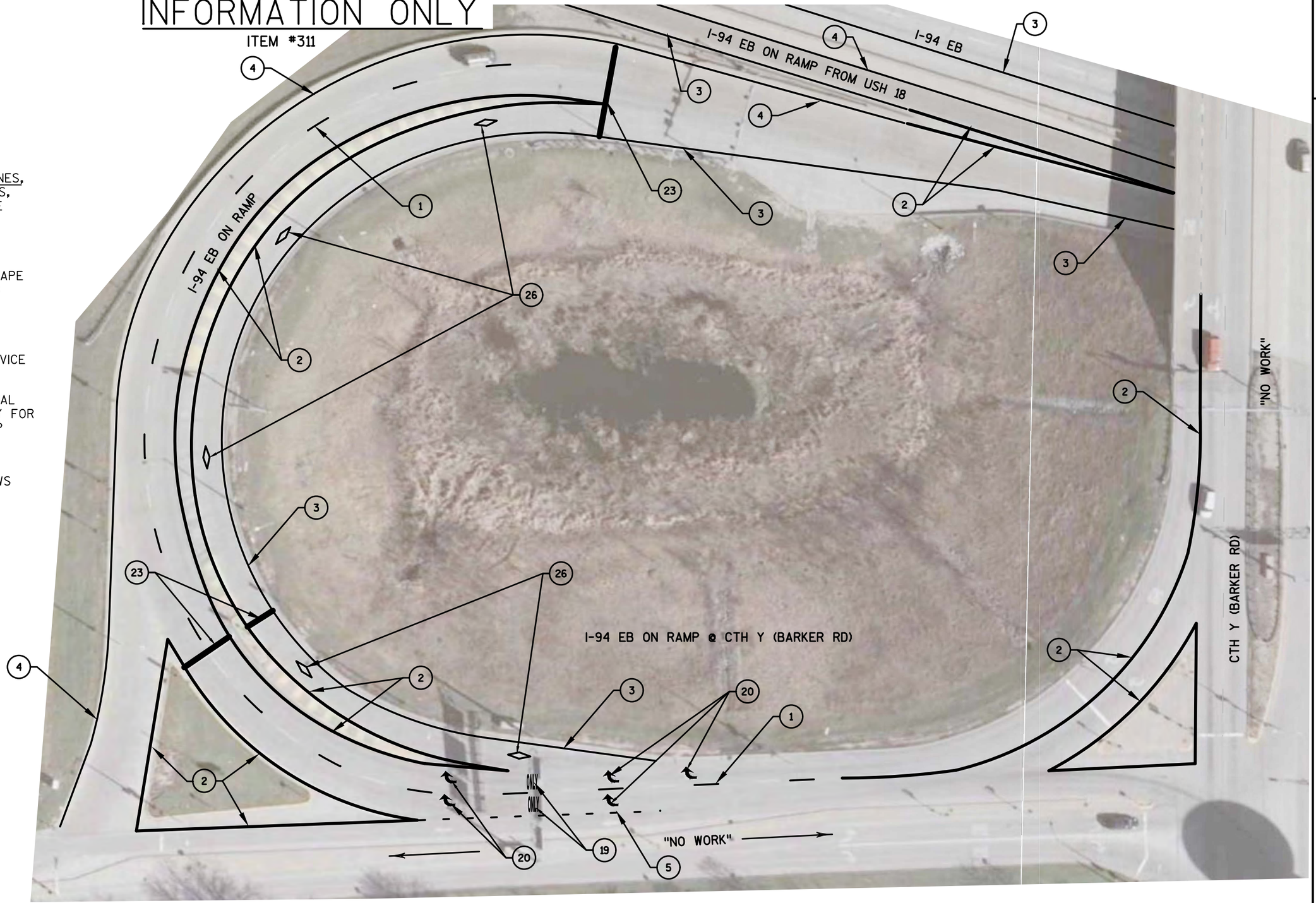
NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

NOTE: REFRESH SPECIAL MARKINGS ONLY FOR FOR THIS RAMP

(19) 2 - WORDS "ONLY"
(20) 5 - TYPE 2 ARROWS
(23) 18" STOP BAR(S)
(26) 5 HOV SYMBOL

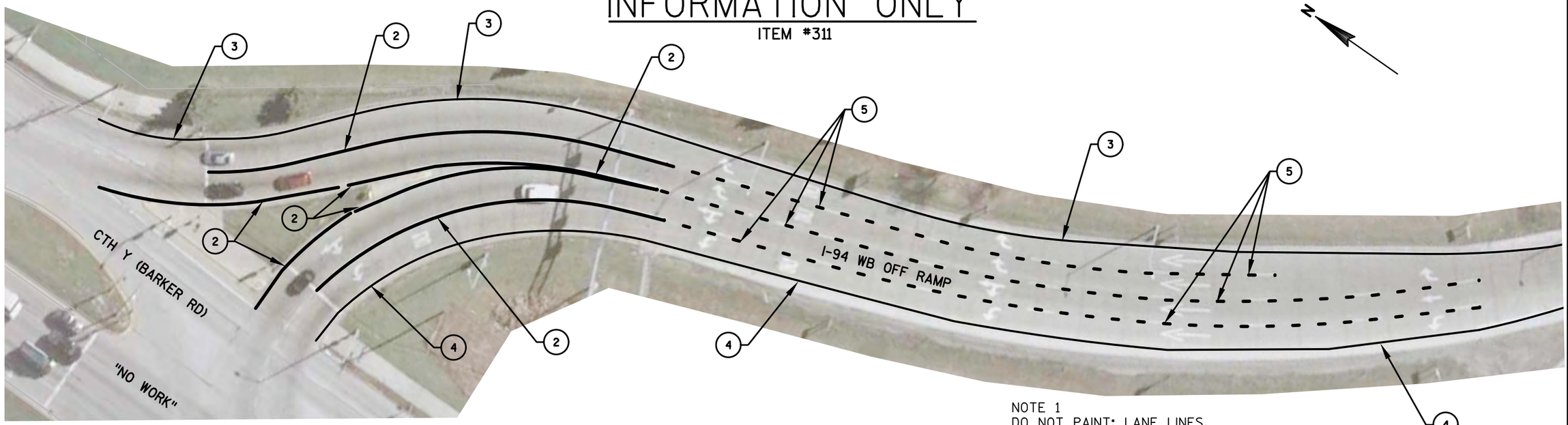


SHEET 34 OF 40

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH Y (BARKER RD)	SHEET 314 E

INFORMATION ONLY

ITEM #311

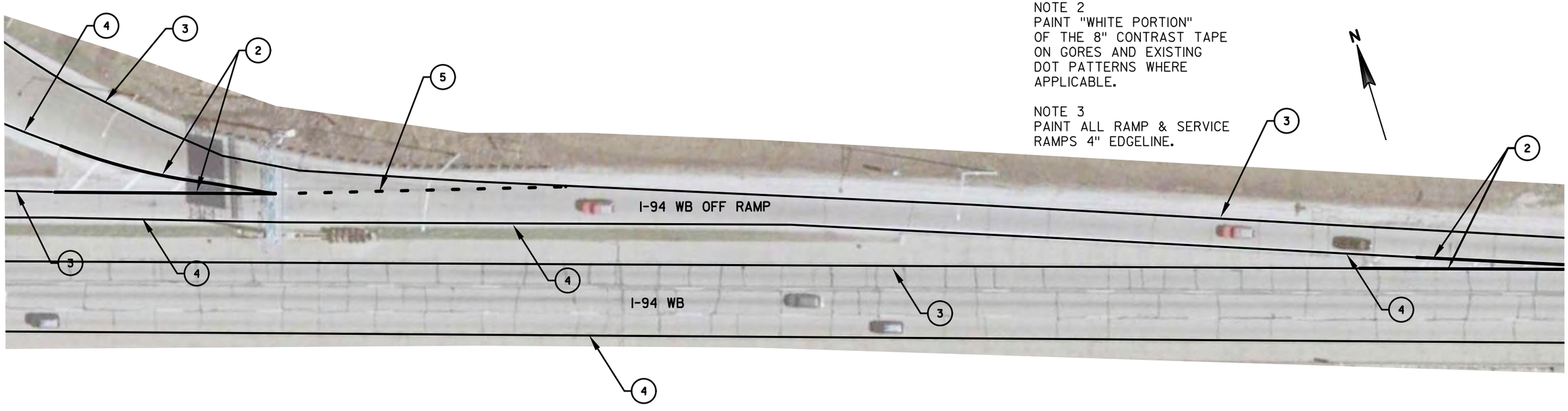


I-94 WB OFF RAMP @ CTH Y (BARKER RD)

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



I-94 WB OFF RAMP @ CTH Y (BARKER RD)

SHEET 35 OF 40

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH Y (BARKER RD)	SHEET 315	E

INFORMATION ONLY

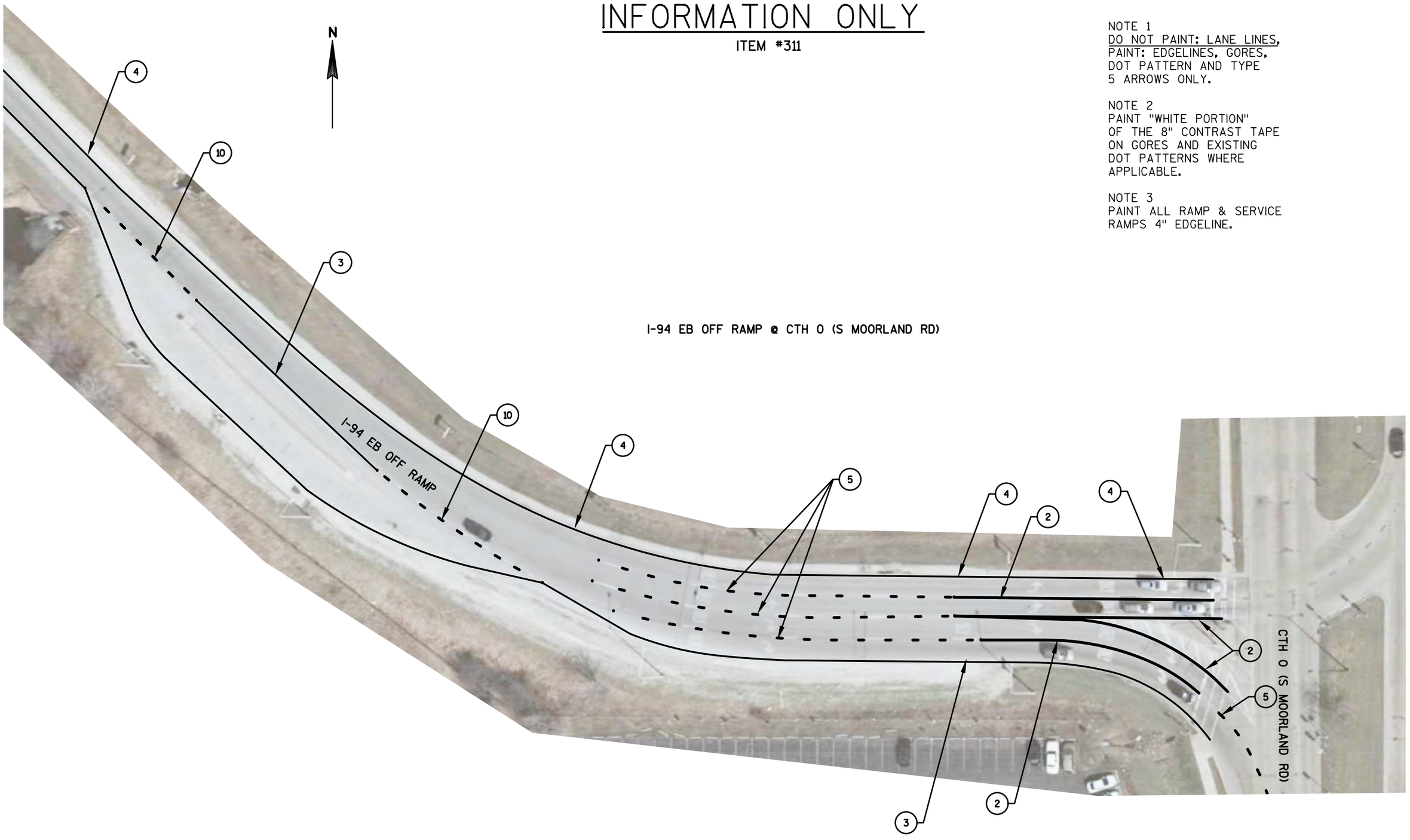
ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

I-94 EB OFF RAMP @ CTH O (S MOORLAND RD)



SHEET 36 OF 40

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH O (S MOORLAND RD)	SHEET 316	E

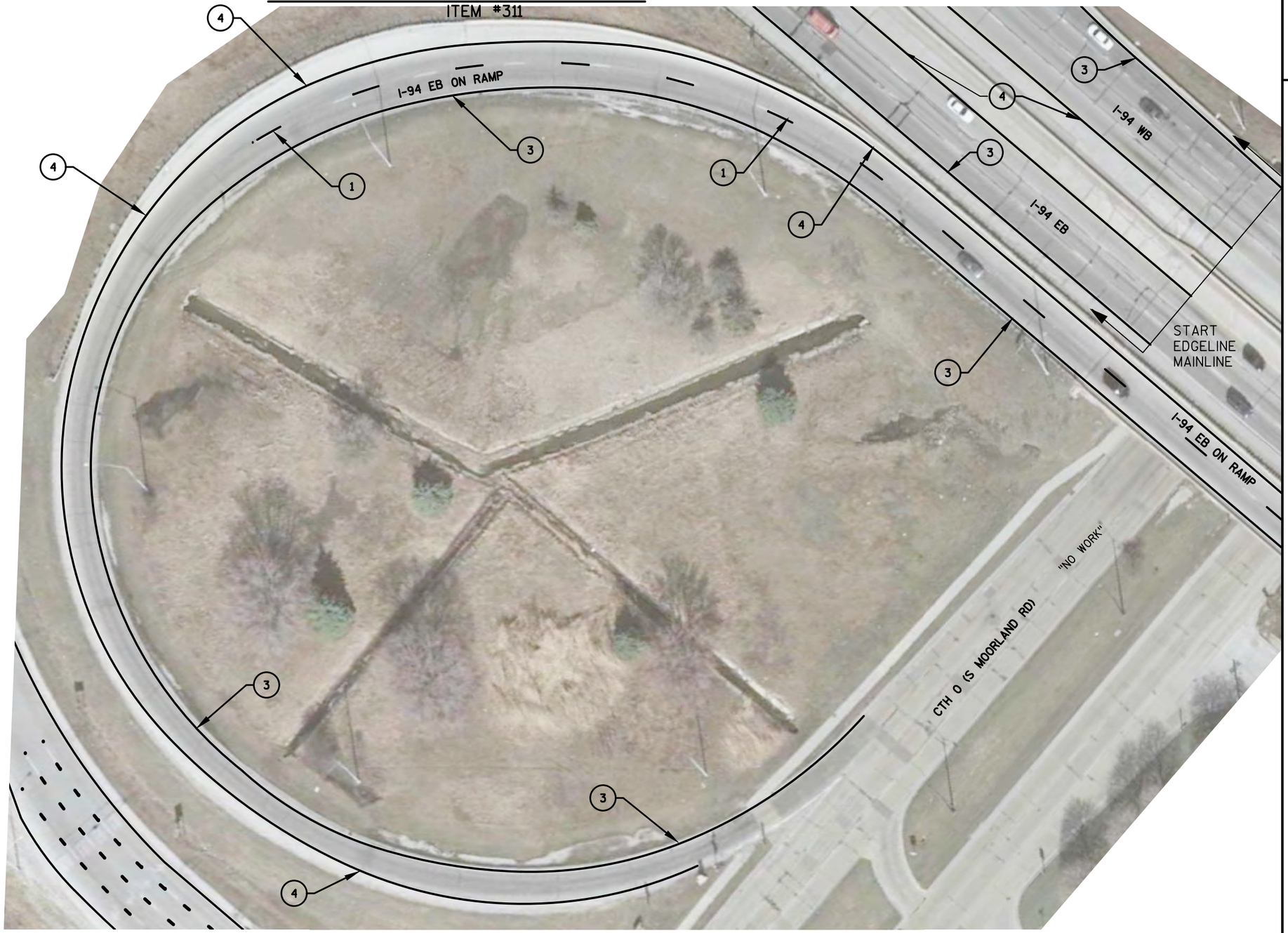
FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM_SECT-G.DWG
LAYOUT NAME - G-46

PLOT DATE : 1/14/2019 4:48 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311



N

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

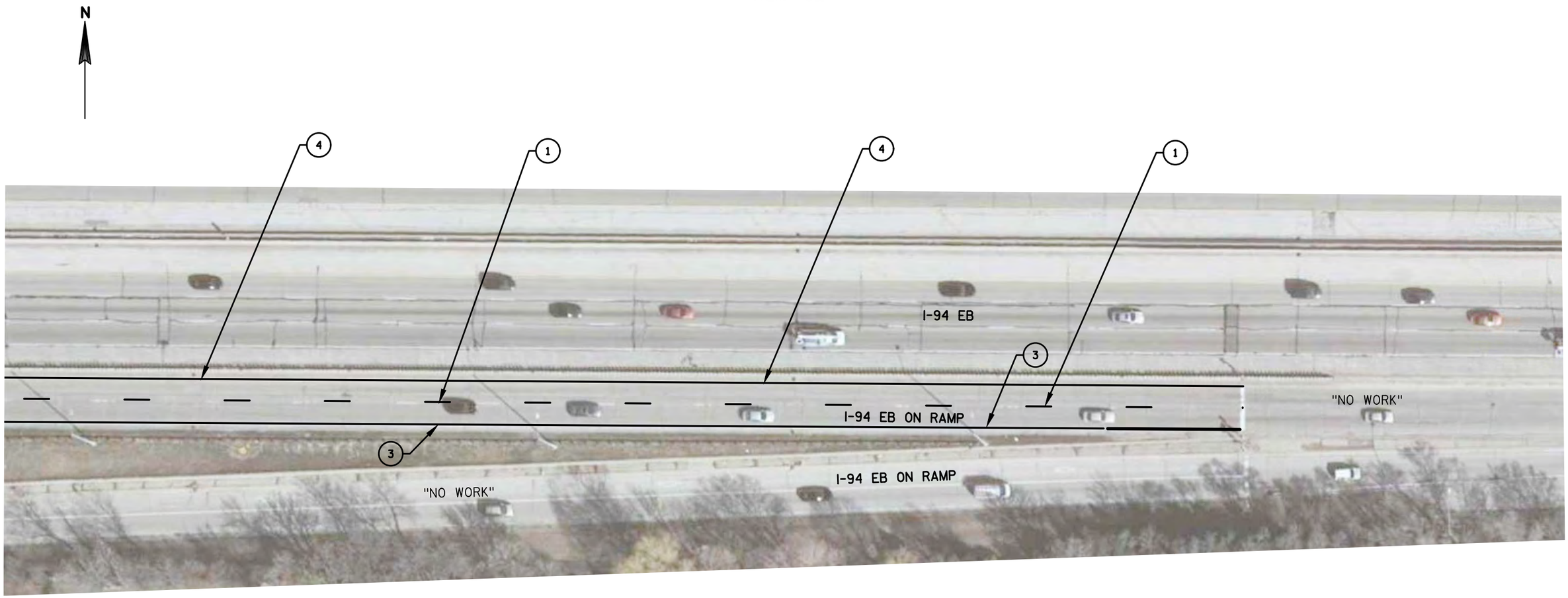
I-94 EB ON RAMP @ CTH O (S MOORLAND RD)

PROJECT NO:1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH O (S MOORLAND RD)	SHEET 317	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM_SECT-G.DWG
LAYOUT NAME - G-47
PLOT DATE : 1/14/2019 4:48 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:60 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311



I-94 EB ON RAMP @ CTH O (S MOORLAND RD)

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

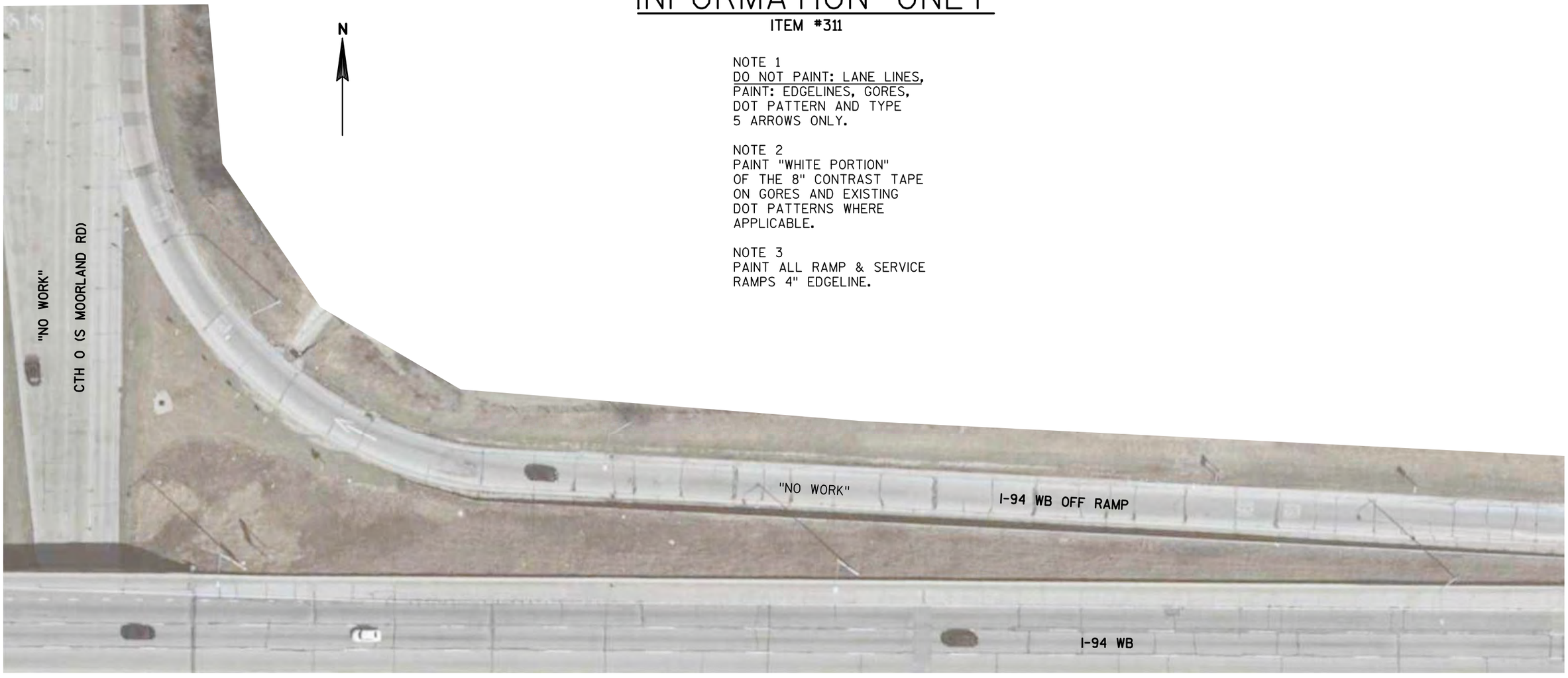
INFORMATION ONLY

ITEM #311

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.



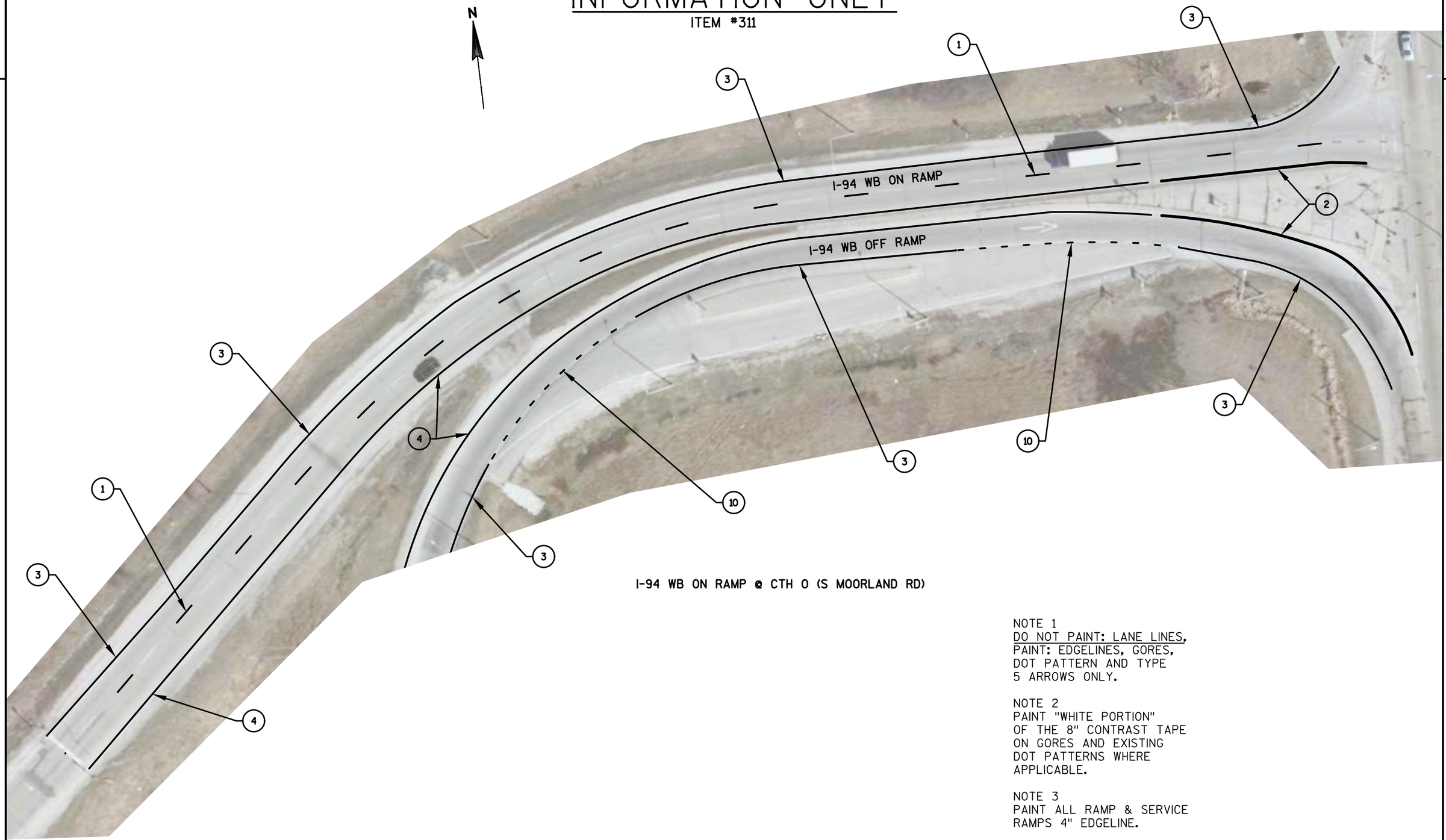
I-94 WB OFF RAMP @ CTH O (S MOORLAND RD)

PROJECT NO: 1000-77-19	HWY: I-94	COUNTY: WAUKESHA	PAVEMENT MARKING DETAIL - CTH O (S MOORLAND RD)	SHEET 319	E

FILE NAME : N:\PDS\PROJECTS\10007719\PLAN SET\024601_ITEM-311_PM_SECT-G.DWG
LAYOUT NAME - G-49
PLOT DATE : 1/14/2019 4:49 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

INFORMATION ONLY

ITEM #311



I-94 WB ON RAMP @ CTH O (S MOORLAND RD)

NOTE 1
DO NOT PAINT: LANE LINES,
PAINT: EDGELINES, GORES,
DOT PATTERN AND TYPE
5 ARROWS ONLY.

NOTE 2
PAINT "WHITE PORTION"
OF THE 8" CONTRAST TAPE
ON GORES AND EXISTING
DOT PATTERNS WHERE
APPLICABLE.

NOTE 3
PAINT ALL RAMP & SERVICE
RAMPS 4" EDGELINE.

1000-77-19

Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	646.1020	Marking Line Epoxy 4-Inch	LF	3,055,780.000	3,055,780.000
0006	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	100.000	100.000
0008	646.1545	Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	LF	130.000	130.000
0010	646.3020	Marking Line Epoxy 8-Inch	LF	205,760.000	205,760.000
0012	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	100.000	100.000
0014	646.3545	Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	LF	500.000	500.000
0016	646.5020	Marking Arrow Epoxy	EACH	389.000	389.000
0018	646.5120	Marking Word Epoxy	EACH	105.000	105.000
0020	646.5220	Marking Symbol Epoxy	EACH	33.000	33.000
0022	646.5320	Marking Railroad Crossings Epoxy	EACH	10.000	10.000
0024	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	480.000	480.000
0026	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,734.000	1,734.000
0028	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	508.000	508.000
0030	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	250.000	250.000
0032	646.7120	Marking Diagonal Epoxy 12-Inch	LF	305.000	305.000
0034	646.7220	Marking Chevron Epoxy 24-Inch	LF	250.000	250.000
0036	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,882.000	2,882.000
0038	646.7520	Marking Crosswalk Epoxy Ladder Pattern 24-Inch	LF	432.000	432.000
0040	646.8120	Marking Curb Epoxy	LF	10.000	10.000
0042	646.8220	Marking Island Nose Epoxy	EACH	5.000	5.000
0044	646.9000	Marking Removal Line 4-Inch	LF	100.000	100.000
0046	646.9100	Marking Removal Line 8-Inch	LF	250.000	250.000
0048	646.9200	Marking Removal Line Wide	LF	536.000	536.000
0050	646.9300	Marking Removal Special Marking	EACH	20.000	20.000
0052	SPV.0090	Special 01. Pavement Marking Epoxy Contrast 4-Inch	LF	33,066.000	33,066.000
0054	SPV.0090	Special 02. Pavement Marking Epoxy Contrast 8-Inch	LF	4,896.000	4,896.000
0056	SPV.0090	Special 03. Marking Removal Line Grooved Tape 8"	LF	20.000	20.000
0058	SPV.0090	Special 04. Marking Removal Line Thermoplastic 18"	LF	20.000	20.000
0060	SPV.0090	Special 05. Marking Removal Line Contrast Tape 8"	LF	920.000	920.000
0062	SPV.0090	Special 06. Marking Removal Line Grooved Tape 4"	LF	200.000	200.000
0064	SPV.0105	Special 01. Traffic Control	LS	1.000	1.000

Epoxy Pavement Marking - 2019 Var. Hwy (1000-77-19) SE Region Wide FINAL SUMARY 1 OF 2:	ITEM #	MILE (S)	646.1020 MARKING LINE EPOXY MAIN LINE: Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Ref Epoxy (white) 4-IN L.F.	646.1545 Marking Line Grved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	SPV.0090.06 Marking Removal line Grooved Tape 4-IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet ref Epoxy (white) 8-IN L.F.	646.3545 Marking Line Grved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.
MULTI- LANE -NON FWY	(Items 1 - 6)	15.7	384100	0	0	0	0	0	0	32533	412	0	0	0	0	0	0
ROUNDABOUTS	(ITEMS 400 -401)	0.42	25120	0	0	0	0	0	0	5968	0	0	0	0	0	0	0
HIGHWAYS (Interstates)	(ITEMS 300 -311)	102.69	2571619	32406	0	0	0	0	2617	162107	3284	0	0	0	30	0	0
UNDISTRIBUTED QUANTITIES	(ITEMS 100-146)	6.26	74941	660	100	130	100	200	265	5152	1200	100	500	250	275	536	250
(VARIOUS LOCATIONS DETERMINED)	100 -108	**1.11**															
(VARIOUS LOCATIONS **TO BE** DETERMINED)	109 - 146	**(5.15)**															
	Totals	125.07	3055780	33066	100	130	100	200	2882	205760	4896	100	500	250	305	536	250

RECAP SHEET

Continued Columns: 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Epoxy Pavement Marking - 2019 Var. Hwy (1000-77-19) SE Region Wide FINAL SUMARY 2 OF 2:	ITEM #	MILE (S)	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN L.F.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Remv.l line Contrast tape 8-IN L.F.
MULTI- LANE -NON FWY	(Items 1 - 6)	15.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROUNDABOUTS	(ITEMS 400 -401)	0.42	240	0	0	0	382	96	0	58	0	0	0	0	0	0	0
HIGHWAYS (Interstates)	(ITEMS 300 -311)	102.69	18	1032	0	0	0	156	18	29	0	0	0	0	0	0	900
UNDISTRIBUTED QUANTITIES	(ITEMS 100-146)	6.26	250	702	250	480	50	137	15	18	20	10	5	10	20	20	20
(VARIOUS LOCATIONS DETERMINED)	100 -108	**1.11**															
(VARIOUS LOCATIONS **TO BE** DETERMINED)	109 - 146	**(5.15)**															
	Totals	125.07	508	1734	250	480	432	389	33	105	20	10	5	10	20	20	920

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

MULTI- NONFRWY, 1 OF 2

ITEM #	County	HWY		MILES	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.
1	WAUK	STH 67	.5 MI. OF STH 16 TO OLD TOWER RD	1.2	3168	25344	90	0	0	0	0	0	3000	0	0	0	0	0	0	0
2	MILW.	STH 36	SO. 51st ST. TO E. OF STH 100	5.6	13437	132627	500	0	0	0	0	0	12968	0	0	0	0	0	0	0
3	OZ	STH 33	SOUTH MILL ST TO MARTIN DR	2	4988	39916	250	0	0	0	0	0	1080	0	0	0	0	0	0	0
4	OZ.	STH 167	STH 57 - Swan Rd.	2.1	5464	43718	200	0	0	0	0	0	3475	80	0	0	0	0	0	0
5	Oz.	STH 57	IH 43 TO CEDARBURG RD	3	7920	63360	250	0	0	0	0	0	5800	92	0	0	0	0	0	0
6	WAUK.	STH 83	MEADOWS BLVD TO MEADOW LN	1.8	38016	4752	100	0	0	0	0	0	6210	240	0	0	0	0	0	0
			0					0	0	0	0	0	0	0	0	0	0	0	0	0
				MILE(S)																
				Total	15.7	384100		0	0	0	0	0	32533	412	0	0	0	0	0	0

Continued Columns:

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

MULTI- NONFRWY, 2 OF 2

ITEM #	County	HWY			MILES	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
1	WAUK	STH 67	.5 MI. OF STH 16 TO OLD TOWER RD	0	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	MILW.	STH 36	SO. 51st ST. TO E. OF STH 100	0	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	OZ	STH 33	SOUTH MILL ST TO MARTIN DR	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	OZ.	STH 167	STH 57 - Swan Rd.	0	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Oz.	STH 57	IH 43 TO CEDARBURG RD	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	WAUK.	STH 83	MEADOWS BLVD TO MEADOW LN		1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					MILE(S)	0	0	0												
					Total	15.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SHEET: 2 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
400	WAUK	CTH P	0.21	CTH P AND IH 94 (ROUNDABOUTS)		250	12600	100	0	0	0	0	0	3876	0	0	0	0	0	0	0	156	0	0	0	282	59	0	36
401	WASH.	STH 60	0.21	STH 60 AND USH 45 (ROUNDABOUTS)		250	11820	100	0	0	0	0	0	2092	0	0	0	0	0	0	0	84	0	0	0	100	37	0	22
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																											96			
			0.42		Totals		25120		0	0	0	0	0	5968	0	0	0	0	0	0	0	240	0	0	0	382	96	0	58

3

SHEET: 3 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY

Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
300	WALW	IH 43	15.5	WALW./ ROCK CO. LINE TO 600' SOUTH OF USH 12 INTER.		446454	80	0	0	0	174	12396	0	0	0	0	0	0	0	6	72	0	0	0	20	0	1	0	0	0	0	0	0	0	0
301	WALW.	IH 43	15.6	600' SOUTH OF USH 12 INTER. TO WALW. / WAUKESHA CO. LINE		185032	0	0	0	0	0	24254	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
302	WAUK.	IH 43	14	WALW. / WAUKESHA CO. LINE TO .5 MI. WEST OF CTH O (MOORLAND RD)		370943	0	0	0	0	130	1025	30	0	0	0	0	0	0	12	108	0	0	0	18	0	6	0	0	0	0	0	0	0	0
303	WALW.	USH 12	9.9	STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.		260775	0	0	0	0	0	15360	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
304	MILW.	IH 94	4.3	68TH ST TO 11TH ST		132681	0	0	0	0	1848	28595	80	0	0	0	30	0	0	0	636	0	0	0	61	13	13	0	0	0	0	0	0	0	0	0
305	MILW.	IH 94/ IH 43	3.3	100' SOUTH OF NATIONAL AVE TO W. HOWARD AVE		72708	0	0	0	0	288	1000	225	0	0	0	0	0	0	0	96	0	0	0	17	0	4	0	0	0	0	0	0	0	900
306	MILW.	IH 94	4.8	W. HOWARD AVE TO W.RAWSON AVE (CTH BB)		161460	0	0	0	0	0	2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
307	KENO.	IH 94	4.8	STH 50 TO WISCONSIN / ILLINOIS STATE LINE		127420	0	0	0	0	174	2300	40	0	0	0	0	0	0	0	36	0	0	0	22	0	3	0	0	0	0	0	0	0	0
308	MILW	IH 43	4.6	WISC. AVE TO HAMPTON RD		136505	0	0	0	0	3	21014	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
309	MILW.	IH 41/USH 45	0.4	ON / OFF RAMPS AT W. WATERTOWN PLK RD AND IH 41/USH 45		29260	0	0	0	0	0	2780	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310	MILW.	IH 41/USH 45	2.95	WATERTOWN PLK RD TO BURLEIGH		71500	32226	0	0	0	0	2980	2549	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
311	WAUK.	IH 94	22.54	WAUK./JEFFERSON CO. LINE TO MOORLAND RD		567881	0	0	0	0	0	48013	0	0	0	0	0	0	0	0	84	0	0	0	5	5	2	0	0	0	0	0	0	0	0
			102.69			2571619	32406	0	0	0	2617	162107	3284	0	0	0	30	0	0	18	1032	0	0	0	156	18	29	0	0	0	0	0	0	0	900

3

SHEET:4 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY

Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE: Lane line Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white / yellow) 4- IN L.F.	646.1040 Marking Line Grved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	SPV.0090.06 Marking Removal line Grooved Tape 4-IN L.F.	646.7420 Marking Cross Walk Epoxy Transiverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extrsn Epoxy 18-IN EA.	646.9200 Marking Removal line Wide L.F.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
100	WALW.	STH 67	0.01	STH 67 AT GLADHURST RD	ADDING DOT PATTERNS (4" - WHITE) (3' LINE , 9' SPACE)	18																																					
101	WAUK	STH 83	0.01	STH 83 AT WOLF RUN RD	ADDING: 12' DIAG./REFRESHING 4' EDGE LINE PLACING NEW 18" STOP BARS -REMOVING OLD	50												75		36		36																					
102	OZ.	STH 57	0.01	STH 57 AT FREDONIA AVE	REFRESH 6" CROSSWALK							168																															
103	KENO.	USH 45	0.01	USH 45 AT STH 142	USH 45 **(SB & NB)** APPROACHING STH 142 ADD 1 (TYPE 2) ARROW IN RT.TURN LANES ON USH 45																						2																	
104	RAC.	STH 31	0.01	STH 31 AT STH 20	REFRESH ALL CROSSWALK MARKINGS PAINT CONTRASTED TURKEY TRACK 8' MARKING FOR DUAL LEFT TURNS (A TOTAL OF 4)								1000					102																									
105	KENO.	STH 50	0.8	STH 75 / 83 TO 242ND AVE	REFRESH ALL TWLTL ON MAIN LINE (TOTAL OF 22 ARROW) (TWO WAY LEFT TURN LANE)																						22																	
106	MILW.	VAR.	0.16	WITHIN MILWAUKEE COUNTY	SEE LOCATION LIST ON SHEET ITEM #106 Turkey Tracks		480																																				
107	WAUK	STH 83	0.01	STH 83 AT CTH NN	ADDING 2 TYPE 5 ARROWS																																						
108	MILW.	STH 794	0.01	STH 794 AT E. LAYTON AVE	REMOVING 18" STOP BAR AND INSTALLING A STOP BAR																54		54																			
109 THRU 116 (*)	VAR.	VAR.	0.08	THOUGHOUT SE REGION (STATE WIDE)	AERIAL ENFORCEMENT BARS (ONLY) TO BE DETERMINED BY OR BEFORE SEPT 30, 2019																			480																			
117 THRU 146 (*)	VAR.	VAR.	5.15	THOUGHOUT SE REGION (STATE WIDE)	TO BE DETERMINED BY OR BEFORE SEPT 30, 2019	74873	180	100	130	100	200	97	4050	1200	100	500	250	200	250	250	612	250	446		50	10	43	20	20	3	5	5	5	15	18	20	10	5	10	20	20	20
																												10	67	20	20	5	5	5	5								
STATE WIDE (OPEN END MARK)			6.26		Totals	74941	660	100	130	100	200	265	5152	1200	100	500	250	275	250	250	702	250	536	480	50					137				15	18	20	10	5	10	20	20	20

(*) ITEMS 109 THRU 146 ARE INCLUDED AS PART OF MOBILIZATION AND TRAFFIC CONTROL.

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

1 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.
						3168	25344	90																
1	WAUK	STH 67	1.2	.5 MI. OF STH 16 TO OLD TOWER RD	NOTE: 4" PAINT, EDGE LINE (WHITE & YELLOW) LANE LINE AND CENTER MARKINGS , WHERE APPLICABLE																			
					GORE(S) MAIN LINE OF STH 67																			
					STH 16 ON RAMP TO STH 67 (SB)									550										
					STH 67 (NB) OFF RAMP TO STH 16									524										
					STH 16 ON RAMP TO STH 67 (NB)									1062										
					STH 67(SB) TO STH 16									664										
				ARMOUR RD																				
				OLD TOWER RD	"PAINT EXISTING" , 8" MEDIAN LEFT TURNS , RIGHT LANE									150										
					"PAINT EXISTING" , 8" MEDIAN LEFT TURNS , RIGHT LANE									50										
1	WAUK	STH 67	1.2	.5 MI. OF STH 16 TO OLD TOWER RD	TOTAL	3168	25344	90	0	0	0	0	0	3000	0	0	0	0	0	0	0	0	0	0

Continued Columns:

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

2 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswal Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	646.5020 TYPE 2 EA.	646.5020 TYPE 3 EA.	646.5020 TYPE 4 EA.	646.5020 TYPE 5 EA.	646.5020 TYPE 2R EA.	646.5020 TYPE 3R EA.	646.5020 TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
					NO VISIUAL GIUDE LINE																			
1	WAUK	STH 67	1.2	.5 MI. OF STH 16 TO OLD TOWER RD	NOTE: 4" PAINT, EDGE LINE (WHITE & YELLOW) LANE LINE AND CENTER MARKINGS , WHERE APPLICABLE																			
					GORE(S) MAIN LINE OF STH 67																			
					STH 16 ON RAMP TO STH 67 (SB)																			
					STH 67 (NB) OFF RAMP TO STH 16																			
					STH 16 ON RAMP TO STH 67 (NB)																			
					STH 67(SB) TO STH 16																			
				ARMOUR RD																				
				OLD TOWER RD	"PAINT EXISTING" , 8" MEDIAN LEFT TURNS , RIGHT LANE																			
					"PAINT EXISTING" , 8" MEDIAN LEFT TURNS , RIGHT LANE																			
1	WAUK	STH 67	1.2	.5 MI. OF STH 16 TO OLD TOWER RD	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3

SHEET: 6 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

1 OF 2

SUMMARY

Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.
2	MILW.	STH 36	5.6	SO. 51st ST. TO E. OF STH 100	PAINT LONG LINE MARKINGS ONLY										
				SO. 51st ST TO W WARWICK WAY (EST. 3.95 MI)	"PAINT EXISTING" , MEDIAN LEFT TURNS , RIGHT TURN LANES AND **EXISTING DOT PATTERNS** with 8" CHANNELIZED MARKINGS	9081	72652	250						4830	
				W GRANGE AVE (SIGNALIZED) SOUTHWAY/W RAMESY AVE (SIGNALIZED) INDUSTRIAL LOOP/ W COLLEGE AVE (SIGNALIZED)	INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S 4 APPROACHS (AT MEDIAN LEFT TURN & RIGHT LANE TURN) WHERE APPLICABLE										
					NOTE: 4" ALL EDGE LINE (WHITE & YELLOW) AND LANE LINE MARKINGS WILL BE PAINTED.										
				CTH U (76TH ST) INTERCHANGE											
					STH 36 WB										
					OFF RAMP		6558	50							
					MAIN LINE GORE									738	
					TERMINI GORE									50	
					ON RAMP		3408								
					MIDWAY GORE									200	
					MAIN LINE GORE									360	
					STH 36 EB										
					OFF RAMP		3144	50							
					TERMINI GORE									100	
					ON RAMP		6147								
					MAIN LINE GORE									2600	
				CTH BB (W RAWSON AVE) INTERCHANGE											
					STH 36 EB										
					OFF RAMP		2070	50							
					MAIN LINE GORE									540	
					STH 36 WB										
					OFF RAMP		1800	50							
					TERMINI GORE									50	
					ON RAMP		2000								
				W WARWICK WAY TO EAST OF STH 100 INTERSECTION (EST. 1.65 MI)	**8"** "PAINT EXISTING" ,OPEN MEDIAN LEFT TURN AND RIGHT TURN LANES with **8" CHANNELIZED MARKINGS**	4356	34848	50						1500	
				W DREXEL AVE (SIGNALIZED)	INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S 4 APPROACHS (AT MEDIAN LEFT TURN & RIGHT LANE TURN) WHERE APPLICABLE									2000	
					NOTE: 4" ALL EDGE LINE (WHITE & YELLOW) AND LANE LINE MARKINGS WILL BE PAINTED.										
2	MILW.	STH 36	5.6	SO. 51st ST. TO E. OF STH 100	**Totals**	13437	132627	500	0	0	0	0	0	12968	0

SHEET: 7 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	**E**

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.
					NO VISIUAL GIUDE LINE										
3	OZ	STH 33	2	SOUTH MILL ST TO MARTIN DR											
				SO. MILL ST TO FOSTER DR. (EST. 0.62 MI.)	"PAINT EXISTING" , MEDIAN LEFT TURNS , RIGHT TURN LANES AND **EXISTING DOT PATTERNS** with 8" CHANNELIZED MARKINGS WHERE APPLICABLE	1636	13094	150							
				ULAO (SIGNALIZED) COUNTY HWY "W" (SIGNALIZED) FOSTER RD (SIGNALIZED)	INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S 4 APPROACHS AT MEDIAN LEFT TURN & RIGHT LANE TURN WHERE APPLICABLE									1080	
					NOTE: 4" PAINT EXISTING, EDGE LINE (WHITE & YELLOW) LANE LINE AND CENTER MARKINGS .										
				E. OF FOSTER DR. TO MARTIN DR (EST. 1.27 MI.)	PAINT EXISTING " EDGE LINE ON STH 33 MAIN LINE ONLY.	3352	26822	100							
					NOTE: THIS INCLUDES 4" EL. WITHIN EACH ROUNDABOUT PLUS PAINT 250' (MIN.) OF EL. FROM SIDE RD ROUNDABOUT APPROACHES										
3	OZ	STH 33	2	SOUTH MILL ST TO MARTIN DR	Totals	4988	39916	250	0	0	0	0	0	1080	0

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.
4	OZ.	STH 167	2.1	STH 57 - Swan Rd.	PAINT LONG LINE MARKINGS ONLY EDGE LINE MARKINGS SHALL BE PAINTED AT ALL LOCATION										
					NO VISIUAL GIUDE LINE										
				N. SWAN RD TO LINCOLNSHIRE DR (EST .76 MI.)		2006	16051								
				N SWAN RD N BRIGHTON PL	"PAINT EXISTING" , MEDIAN LEFT TURNS , RIGHT TURN LANES AND **EXISTING DOT PATTERNS** with 8" CHANNELIZED MARKINGS WHERE APPLICABLE										
				N WHILTON RD / N MEADOWBROOK DR LINCOLNSHIRE DR / VEGA AVE	INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S 4 APPROACHS AT MEDIAN LEFT TURN & RIGHT LANE TURN WHERE APPLICABLE									300	
					NOTE: 4" PAINT EXISTING, EDGE LINE (WHITE & YELLOW) LANE LINE AND OR CENTER MARKINGS .										
				E. OF LINCOLNSHIRE DR TO STH 57 (EST. 1.31 MI.	**8"**	3458	27667	200							
				SOLAR AVE (SIGNALIZED)STH 181 (N WAUWATOSA RD)	"PAINT EXISTING" ,OPEN MEDIAN LEFT TURN AND RIGHT TURN LANES with **8" CHANNELIZED MARKINGS**									1075	
				W MEQUON TRAIL / CONCORD CREEK RIVER BIRCH DR (SIGNALIZED)N BUNTROCK AVE	INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S 4 APPROACHS AT MEDIAN LEFT TURN & RIGHT LANE TURN WHERE APPLICABLE									500	
				INDUSTRIAL DR	NOTE: 4" ALL EDGE LINE (WHITE & YELLOW) AND LANE LINE MARKINGS WILL BE PAINTED.										
				(SIGNALIZED) STH 57 (CEDARBURG RD)	DUAL LEFT TURN (TURKEY TRACK) PAINT 8" CONTRAST EPOXY									1600	
				(DUAL LEFT TURN FROM SIDE RD)	WHITE (2'LINE, 6' SPACE) THOUGH INTERSECTION FROM **BOTH** SIDE RD										80
4	OZ.	STH 167	2.1	STH 57 - Swan Rd.	TOTAL	5464	43718	200	0	0	0	0	0	3475	80

SHEET: 9 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.
					NO VISIUAL GIUDE LINE										
5	Oz.	STH 57	3	IH 43 TO CEDARBURG RD		7920	63360	250						5800	
					"PAINT EXISTING" , MEDIAN LEFT TURNS , RIGHT TURN LANES AND **EXISTING DOT PATTERNS** with 8" CHANNELIZED MARKINGS WHERE APPLICABLE										
					NOTE: 4" PAINT EXISTING, EDGE LINE (WHITE & YELLOW) LANE LINE AND OR CENTER MARKINGS .										
				CEDARBURG RD / SIGNALIZED (NO WORK) N. EASTGATE DR / SIGNALIZED N. RIVER RD/ SIGNALIZED RANGE LINE RD/ SIGNALIZED W MARKET ST / SIGNALIZED	**8"** "PAINT EXISTING" ,OPEN MEDIAN LEFT TURN AND RIGHT TURN LANES with **8" CHANNELIZED MARKINGS** INCL. 8" CHANNELIZED MARKINGS AT **ALL** SIGNALIZED INTERSECTION'S **4 APPROACHS** AT MEDIAN LEFT TURN & RIGHT LANE TURN WHERE APPLICABLE										
				CO. HWY W / SIGNALIZED -2 DUAL LF. TURNS FROM SIDE RD	**DUAL LEFT TURN** (TURKEY TRACK) PAINT 8" CONTRAST EPOXY WHITE (2'LINE, 6' SPACE) THOUGH INTERSECTION										92
5	Oz.	STH 57	3	IH 43 TO CEDARBURG RD	TOTAL	7920	63360	250	0	0	0	0	0	5800	92

SHEET: 10 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19 PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

3

Epoxy Pavement Marking - 2018
Var. Hwy (1000-77-18)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.
6	WAUK.	STH 83	1.8	MEADOWS BLVD TO MEADOW LN	NOTE: 4"	38016	4752	100						400	
					PAINT EXISTING, EDGE LINE (WHITE & YELLOW)										
				MEADOWS BLVD	LANE LINE AND OR CENTER MARKINGS .									100	
				CONCORD LN	**NOTE: B**									500	
				PHYLLIS PKWY	**PAINT EXISTING, 8" CONTRAST TAPE (WHITE PORTION) ONLY**									60	
				FAIRFIELD WAY	**WHERE APPLICABLE**									180	
				HILLSIDE DR										500	
				HERITAGE DR / SIGNALIZED INTER.	**8"**										
				DUAL LEFT TURNS	"PAINT EXISTING" ,OPEN MEDIAN LEFT TURN AND RIGHT									800	80
					TURN LANES with **8" CHANNELIZED MARKINGS**										
				AT IH 94 EB (ON/OFF) RAMPS / SIGNALIZED											
				DUAL LEFT TURN	INCL. 8" CHANNELIZED MARKINGS AT SIGNALIZED									650	40
					APPROACHS AT MEDIAN LEFT TURN										
				AT IH 94 WB (ON/OFF) RAMPS / SIGNALIZED	& RIGHT LANE TURN WHERE APPLICABLE									600	
				DUAL LEFT TURNS	DUAL LEFT TURN (TURKEY TRACK) PAINT 8" CONTRAST EPOXY										80
					WHITE (2'LINE, 6' SPACE) THOUGH INTERSECTION										
				GOLF RD / SIGNALIZED INTER.										1200	40
				DUAL LEFT TURN	PAINT: **EXISTING DOT PATTERNS (3'LINE, 9'SPACE)** with										
					8" CHANNELIZED MARKINGS										
				MARINER DR										720	
				MEADOW LN										500	
6	WAUK.	STH 83	1.8	MEADOWS BLVD TO MEADOW LN	Totals	38016	4752	100	0	0	0	0	0	6210	240

SHEET: 11 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
400	WAUK	CTH P	0.21	CTH P AND IH 94 (ROUNDABOUTS)	SEE VISUAL GUIDE LINE INFO. IN PLAN	250		100																													
					REFRESHING ALL LONG LINE & SPECIAL MARKING AT BOTH THE ROUND ABOUT																																		
					NOTE: ONLY THE WHITE PORTION OF THE EXISTING 8" - "CONTRAST TAPE" **(ALL)** SHALL BE EPOXED,WHERE APPLICABLE. (INCL. DOT PATTERNS)																																		
				CTH P (NB) THRU BOTH ROUNDABOUT(S)			1000							1036									74									9	3	6					8
				IH 94 (EB) ON RAMP B			2400																								48								
				IH 94 (WB) OFF RAMP D			1800							350																	84		2	2		2			5
				CTH P (SB) THRU BOTH ROUNDABOUT(S)			1200							1430									82									11	5	6		3			14
				IH 94 (WB)ON RAMP C			3200							400																	78								
				IH 94 (EB)OFF RAMP A	ADD TYPE 4 ARROW (NEW LOCATION)		3000							660																	72		3	3	1	3			9
																															20	13	17	1	0	8	0	0		
400	WAUK	CTH P	0.21	CTH P AND IH 94 (ROUNDABOUTS)	Totals	250	12600	100	0	0	0	0	0	3876	0	0	0	0	0	0	0	156	0	0	0	282					59				0	36	

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide - L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extrsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
401	WASH.	STH 60	0.21	STH 60 AND USH 45 (ROUNDABOUTS)	SEE VISUAL GUIDE LINE INFO. IN PLAN	250		100																													
					REFRESHING ALL LONG LINE & SPECIAL MARKING AT BOTH THE ROUND ABOUT																																		
					NOTE 1) ONLY THE WHITE PORTION OF THE EXISTING 8" - "CONTRAST TAPE" **(ALL)** SHALL BE EPOXIED,WHERE APPLICABLE. (INCL. DOT PATTERNS)																																			
					NOTE 2) ONLY THE WHITE PORTION OF THE EXISTING "CONTRAST ARROWS & WORDS" SHALL BE EPOXIED,WHERE APPLICABLE.																																			
				STH 60 (WB) THRU BOTH ROUNDABOUT(S)			1260							850																			42						7	1	3			2			9
				USH 45 (NB) ON RAMP D			2600																															40								
				USH 45 (SB) OFF RAMP C	ADD NEW TYPE 4 ARROW		2400							400																									60	2		1			2		2
				STH 60 (EB) THRU BOTH ROUNDABOUT(S)			1260							842																			42						7	1	4			2			8
				USH 45 (SB) ON RAMP B			2100																																							
				USH 45 (NB) OFF RAMP A	ADD NEW TYPE 4 ARROW		2200																																	2		1			2			3
																																				14	6	7	2	0	4	4	0	
401	WASH.	STH 60	0.21	STH 60 AND USH 45 (ROUNDABOUTS)	Totals	250	11820	100	0	0	0	0	0	2092	0	0	0	0	0	0	0	84	0	0	0	100										37							0	22

SHEET: 13 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SHEET 1 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy (Turkey tracks) Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.
300	**WALW**	**IH 43**	**15.5**	**WALW./ ROCK CO. LINE TO 600' SOUTH OF USH 12 INTER.**		**80000**	**327360**	**1840**												
				MAIN LINE (ONLY)	**SHALL PROVIDE MARKINGS WHERE APPLICABLE:**															
				NOTE: PAINT TAPED, LANE LINE 4" MARKINGS (IN THIS SECTION) EXCEPT FOR CTH X	LANE REDUCTION MARKINGS LANE DROP MARKINGS OFF RAMP WITH MULTIPLE LANE VARIES ENT. AND EXIT RAMPS MARKINGS SERV. INTER.FOR PARALLEL ON/OFF RAMPS															
				AT USH 14 INTER. (N. WALWORTH ST)	SEE VISUAL GIUDE LINE INFO															
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**															
					UPPER , TERMINI									130						
					4" EDGE LINE		2776													
					8" CHANNELIZING(MAIN LINE) / GORE									1000						
					NB, ON RAMP															
					4" EDGE LINE		2828													
					8" CHANNELIZING(MAIN LINE) / GORE									2000						
					SB, OFF RAMP															
					UPPER , TERMINI									140						
					4" EDGE LINE		2626													
					8" CHANNELIZING(MAIN LINE) / GORE									500						
					SB, ON RAMP															
					4" EDGE LINE		2624													
					8" CHANNELIZING(MAIN LINE) / GORE									1600						
				AT CTH X INTER.	SEE VISUAL GUIDE LINE INFO															
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**															
					UPPER , TERMINI									70						
				NOTE:	4" EDGE LINE		3000													
				DO NOT PAINT 750' OF CONTRAST LANE LINE TAPE , BETW NB (ON/ OFF) RAMPS ON THE MAIN LINE .	8" CHANNELIZING(MAIN LINE) / GORE									0						
					NB, ON RAMP															
					4" EDGE LINE		4000													
					8" CHANNELIZING(MAIN LINE) / GORE									0						
					LT TURN (CONTRAST YELL.) 2' LINE,6' SPACE				40											
					SB, OFF RAMP															
					UPPER , TERMINI									70						
					4" EDGE LINE		5800													
					8" CHANNELIZING(MAIN LINE) / GORE									660						
					SB, ON RAMP															
					4" EDGE LINE		4000													
					8" CHANNELIZING(MAIN LINE) / GORE									2000						
					LT TURN (CONTRAST YELL.) 2' LINE,6' SPACE				40											
					SEE VISUAL GUIDE LINE INFO															
				AT STH 50																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**															
					UPPER , TERMINI								48	226						
					4" EDGE LINE		2600													
					8" CHANNELIZING(MAIN LINE) / GORE									450						
					NB, ON RAMP															
					4" EDGE LINE		2400						126							
					8" CHANNELIZING(MAIN LINE) / GORE									1500						
					LT TURN (CONTRAST white.) 2' LINE,6' SPACE															
					SB, OFF RAMP															
					UPPER , TERMINI															
					4" EDGE LINE		3000													
					8" CHANNELIZING(MAIN LINE) / GORE									450						
					SB, ON RAMP															
					4" EDGE LINE		1600													
					8" CHANNELIZING(MAIN LINE) / GORE									1600						
					SEE VISUAL GUIDE LINE INFO															
				AT STH 67																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**															
					UPPER , TERMINI									90						
				NOTE: DO NOT PAINT TYPE 2 & 3 ARROW (THERMO-PLASTIC (2 TO 3 YRS OLD) DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		2400													
					8" CHANNELIZING(MAIN LINE) / GORE									420						
					NB, ON RAMP															
					4" EDGE LINE		2600													
					8" CHANNELIZING(MAIN LINE) / GORE									1400						
					SB, OFF RAMP															
					UPPER , TERMINI									90						
				NOTE: DO NOT PAINT TYPE 2 & 3 ARROW (THERMO-PLASTIC (2 TO 3 YRS OLD) DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		2400													
					8" CHANNELIZING(MAIN LINE) / GORE									500						
					SB, ON RAMP															
					4" EDGE LINE		2200													
					8" CHANNELIZING(MAIN LINE) / GORE									1900						
300	**WALW**	**IH 43**	**15.5**	**WALW./ ROCK CO. LINE TO 600' SOUTH OF USH 12 INTER.**	**Totals**	**80000**	**364614**	**1840**	**80**	**0**	**0**	**0**	**174**	**12396**	**0**	**0**	**0**	**0**	**0**	**0**

Var. Hwy (1000-77-19)
SE Region Wide

SHEET 2 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	Marking CHEVRONS Epoxy 24-IN L.F.	Marking Yield line Epoxy 18-IN L.F.	Marking Stop Line Epoxy 18-IN L.F.	Marking Dotted Extnsn Epoxy 18-IN EA.	Marking Aerial Enforcement Bar Epoxy L.F.	Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	Marking Symbols Epoxy EA.	Marking Word Epoxy EA.
300	WALW	IH 43	15.5	**WALW./ ROCK CO. LINE TO 600' SOUTH OF USH 12 INTER.**																	
				MAIN LINE (ONLY)	**SHALL PROVIDE MARKINGS WHERE APPLICABLE:** LANE REDUCTION MARKINGS, LANE DROP MARKINGS, OFF RAMP WITH MULTIPLE LANE VARIES ENT. AND EXIT RAMPS MARKINGS, SERV, INTER.FOR PARALLEL ON/OFF RAMPS															
				NOTE: PAINT TAPED, LANE LINE 4" MARKINGS (IN THIS SECTION) EXCEPT FOR CTH X																	
				AT USH 14 INTER. (N. WALWORTH ST)	SEE VISUAL GIUDE LINE INFO																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**																
					UPPER , TERMINI			12						3							
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					NB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, OFF RAMP																
					UPPER , TERMINI			12						3							
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
				AT CTH X INTER.	SEE VISUAL GUIDE LINE INFO																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**																
					UPPER , TERMINI			12						3							
					4" EDGE LINE																
				NOTE:	8" CHANNELIZING(MAIN LINE) / GORE																
				DO NOT PAINT 750' OF CONTRAST LANE LINE TAPE , BETW NB (ON/ OFF) RAMPS ON THE MAIN LINE .	**NB, ON RAMP**																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					LT TURN (CONTRAST YELL.) 2' LINE,6' SPACE																
					SB, OFF RAMP																
					UPPER , TERMINI			12						3							
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					LT TURN (CONTRAST YELL.) 2' LINE,6' SPACE																
				AT STH 50	SEE VISUAL GUIDE LINE INFO																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**																
					UPPER , TERMINI		6	12						1	2						
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					NB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					LT TURN (CONTRAST white.) 2' LINE,6' SPACE																
					SB, OFF RAMP																
					UPPER , TERMINI			12					1	1	1					1	
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
				AT STH 67	SEE VISUAL GUIDE LINE INFO																
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**																
					UPPER , TERMINI																
				NOTE: DO NOT PAINT TYPE 2 & 3 ARROW (THERMO-PLASTIC (2 TO 3 YRS OLD) DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE									1							
					8" CHANNELIZING(MAIN LINE) / GORE																
					NB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, OFF RAMP																
					UPPER , TERMINI																
				NOTE: DO NOT PAINT TYPE 2 & 3 ARROW (THERMO-PLASTIC (2 TO 3 YRS OLD) DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE									1							
					8" CHANNELIZING(MAIN LINE) / GORE																
					SB, ON RAMP																
					4" EDGE LINE																
					8" CHANNELIZING(MAIN LINE) / GORE																
300	WALW	IH 43	15.5	**WALW./ ROCK CO. LINE TO 600' SOUTH OF USH 12 INTER.**	**Totals**	**0**	**6**	**72**	**0**	**0**	**0**	0	1	2	17	0	0	0	0	**0**	**1**
															20						

SHEET: 15 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	**E**

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SHEET 1 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.
					SEE VISUAL GUIDE LINE INFO												
301	WALW.	IH 43	15.6	**600' SOUTH OF USH 12 INTER. TO WALW. / WAUKESHA CO. LINE**		82368	32800	1476									
				MAIN LINE (ONLY)	**SHALL PROVIDE MARKINGS WHERE APPLICABLE:**												
				NOTE: PAINT TAPED, LANE LINE 4" MARKINGS (IN THIS SECTION)	LANE REDUCTION MARKINGS LANE DROP MARKINGS OFF RAMP WITH MULTIPLE LANE VARIES ENT. AND EXIT RAMPS MARKINGS SERV. INTER.FOR PARALLEL ON/OFF RAMPS												
				AT USH 12 INTERCHANGE	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:	**IH 43 (NB), OFF RAMP "D" (to USH 12 SB)**												
					UPPER , TERMINI												
					4" EDGE LINE		2300	100									
					8" CHANNELIZING(MAIN LINE) / GORE				404								
					IH 43 (NB), ON RAMP "F" (GORE)				360								
					IH 43 (NB), OFF RAMP"B" (to USH 12 NB)												
					4" EDGE LINE		2100	100									
					8" CHANNELIZING(MAIN LINE) / GORE				440								
					incl. 8" white Mrkng (3'line,9'space) over contrast tape				90								
					IH 43 (NB), ON RAMP "H" (GORE)				1026								
					IH 43 (SB), OFF RAMP "A" (to USH 12 NB)												
					UPPER , TERMINI												
					4" EDGE LINE		2300	100									
					8" CHANNELIZING(MAIN LINE) / GORE				400								
					IH 43 (SB), ON RAMP "G" FROM USH 12(GORE)				360								
					IH 43 (SB), OFF RAMP "C" (to USH 12 SB)												
					4" EDGE LINE		2100	100									
					8" CHANNELIZING(MAIN LINE) / GORE				380								
					incl. 8" white Mrkng (3'line,9'space) over contrast tape				90								
					IH 43 (SB), ON RAMP "E" FROM USH 12 (GORE)				1200								
				A T STH 11 INTERCHANGE	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**												
					UPPER , TERMINI				90								
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		2950	100									
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				530								
				DO NOT PAINT TERMINI CONTRAST 8" TAPE (2 TO 3 YRS OLD)	**NB, ON RAMP**				400								
					4" EDGE LINE		2538										
					8" CHANNELIZING(MAIN LINE) / GORE				1000								
					SB, OFF RAMP												
					UPPER , TERMINI				140								
				NOTE: DO NOT PAINT TYPE 2 & 3 ARROW (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		3700	100									
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	8" CHANNELIZING(MAIN LINE) / GORE				1000								
					SB, ON RAMP												
					4" EDGE LINE		2200										
					8" CHANNELIZING(MAIN LINE) / GORE				400								

3

SHEET: 16 OF 34

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SHEET 2 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	EDGE LINE 4-IN L.F.	MINI SKIPS 4-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.
301	**WALW.**	**IH 43**	**15.6**	**600' SOUTH OF USH 12 INTER. TO WALW. / WAUKESHA CO. LINE**													
				AT REST AREA (NB)													
				SPECIAL & LONG LINE MARKINGS:													
					NB, OFF RAMP												
					UPPER , TERMINI				**250**				**3**				
					4" EDGE LINE		**2500**	**100**									
					8" CHANNELIZING(MAIN LINE) / GORE				**560**								
					NB, ON RAMP				**300**								
					4" EDGE LINE		**2000**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1250**								
				NEW LANE REDUCTION MARKINGS (ON MAIN LINE)	ADDING 2 NEW TYPE 4 ARROWS FOR: **LANE REDUCTION MARKINGS** (beginning 1300' east of Bowers Rd interchange on main line.)									**2**				
				AT REST AREA (SB)	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:													
					SB, OFF RAMP												
					UPPER , TERMINI				**300**				**3**				
					4" EDGE LINE		**3700**	**100**									
					8" CHANNELIZING(MAIN LINE) / GORE				**450**								
					SB, ON RAMP				**450**								
					4" EDGE LINE		**4600**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1500**								
					LANE REDUCTION MARKINGS (1.1 MI. N OF STH 11) (refresh 2 type 4 arrows on main line.)									**2**			
				AT BOWERS RD INTERCHANGE	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:													
					NB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**				**0**								
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**1900**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**414**								
					NB, ON RAMP												
					4" EDGE LINE		**3000**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1020**								
					SB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**				**0**								
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**2300**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**500**								
					SB, ON RAMP												
					4" EDGE LINE		**3600**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1300**								
				AT STATE RD 120 INTERCHANGE	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:													
					NB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**												
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**2600**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**800**								
					NB, ON RAMP												
					4" EDGE LINE		**2600**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1400**								
					SB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**												
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**2800**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**650**								
					SB, ON RAMP												
					4" EDGE LINE		**3600**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1200**								
				AT STH 20 INTERCHANGE	SEE VISUAL GUIDE LINE INFO												
				SPECIAL & LONG LINE MARKINGS:													
					NB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**												
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**3600**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**600**								
					NB, ON RAMP												
					4" EDGE LINE		**2600**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1000**								
					SB, OFF RAMP												
				NOTE: DO NOT PAINT 3, TYPE 4 ARROW (S) (THERMO-PLASTIC (2 TO 3 YRS OLD))	**UPPER , TERMINI**												
				DO NOT PAINT 18" STOP BAR (THERMO-PLASTIC (2 TO 3 YRS OLD))	4" EDGE LINE		**3000**	**100**									
				DO NOT PAINT TERMINI GORE IT'S CONTRAST 8" TAPE (2 TO 3 YRS OLD)	8" CHANNELIZING(MAIN LINE) / GORE				**600**								
					SB, ON RAMP												
					4" EDGE LINE		**2400**										
					8" CHANNELIZING(MAIN LINE) / GORE				**1400**								
301	**WALW.**	**IH 43**	**15.6**	**600' SOUTH OF USH 12 INTER. TO WALW. / WAUKESHA CO. LINE**	**Totals**	**82368**	**99788**	**2876**	**24254**	**0**	**0**	**0**	**6**	**4**	**0**	**0**	**0**
														10			

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extrsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrking Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 6 EA.	TYPE 6R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
302	WAUK.	IH 43	14	WALW. / WAUKESHA CO. LINE TO .5 MI. WEST OF CTH O (MOORLAND RD)		364372																																				
				MAIN LINE (ONLY)																																								
				NOTE: LANE LINE ARE NOT BEING PAINTED BETWN WALW/WAUK.CO.LINE TO STH 83 INTERCHANGE. (EST. TO BE 1 MILE, DO NOT PAINT LL.)	SHALL PROVIDE MARKINGS WHERE APPLICABLE: LANE REDUCTION MARKINGS LANE DROP MARKINGS OFF RAMP WITH MULTIPLE LANE VARIES ENT. AND EXIT RAMPS MARKINGS SERV. INTER.FOR PARALLEL ON/OFF RAMPS																																						
				STH 83 INTERCHANGE	SEE VISUAL GUIDE LINE INFO																																						
				SPECIAL & LONG LINE MARKINGS:																																						
					NB, OFF RAMP																																						
					UPPER , TERMINI						130	290											24					2	2	1					2							
					4" EDGE LINE	1890																																				
					8" CHANNELIZING(MAIN LINE) / GORE	0						0																														
					NB, ON RAMP																																						
					4" EDGE LINE	2600																																				
					8" CHANNELIZING(MAIN LINE) / GORE	0						0																														
					NOTE: DOT PATTERN: 2'LINE, 6' SPACE (DUAL LEFT)								30																														
					SB, OFF RAMP																																						
					UPPER , TERMINI							525											48					4	2	1					4							
					4" EDGE LINE	2600																																				
					8" CHANNELIZING(MAIN LINE) / GORE	0						0																														
					SB, ON RAMP																																						
					4" EDGE LINE	1800																																				
					8" CHANNELIZING(MAIN LINE) / GORE	0						0																														
				STH 164 INTERCHANGE	SEE VISUAL GUIDE LINE INFO																																						
				SPECIAL & LONG LINE MARKINGS:																																						
					NB, OFF RAMP																		12	12				1	1	1												
					UPPER , TERMINI							120																														
					4" EDGE LINE	781																																				
					8" CHANNELIZING(MAIN LINE) / GORE							0																														
					NB, ON RAMP																																						
					4" EDGE LINE	800																																				
					8" CHANNELIZING(MAIN LINE) / GORE							0												24				1	1	1												
					SB, OFF RAMP																																						
					UPPER , TERMINI							90																														
					4" EDGE LINE	800																																				
					8" CHANNELIZING(MAIN LINE) / GORE							0																														
					SB, ON RAMP																																						
					4" EDGE LINE	700																																				
					8" CHANNELIZING(MAIN LINE) / GORE							0																														
				SOUTH RACINE AVE INTERCHANGE	NO VISUAL GUIDE LINE INFO																																						
				LONG LINE MARKINGS ONLY:																																						
					NB, OFF RAMP																																						
					4" EDGE LINE (DO COMPLETE RAMP)	1600																																				
					NB, ON RAMP																																						
					4" EDGE LINE (DO COMPLETE RAMP)	2000																																				
					(ALL SPECIAL & LONG LINE)DONE BY OTHERS																																						
					SB, ON/ OFF RAMPS (8/2015 (1090-34-70))	0																																				
																											0	8	6	4	0	0	0	0								
302	WAUK.	IH 43	14	WALW. / WAUKESHA CO. LINE TO .5 MI. WEST OF CTH O (MOORLAND RD	Totals	379943	0	0	0	0	130	1025	30	0	0	0	0	0	0	12	108	0	0	0	18								0	6	0	0	0	0	0	0	0

SHEET: 18 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.
303	WALW.	USH 12	9.9	**STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.**		234693							
				MAIN LINE (ONLY)									
					SHALL PROVIDE MARKINGS WHERE								
				NOTE: REFRESH WHITE PORTION OF THE 4" & 8" CONTRAST TAPE	**APPLICABLE:** LANE REDUCTION MARKINGS LANE DROP MARKINGS								
				STH 67 (WISCONSIN ST.) INTERCHANGE									
				SPECIAL & LONG LINE MARKINGS:									
					USB 12 (NB), OFF RAMP TO STH 67								
					UPPER , TERMINI								
					4" EDGE LINE	**2000**						**300**	
					8" CHANNELIZING/ GORE							**300**	
					STH 67 (WB) ON RAMP TO USH 12 (SB)								
					4" EDGE LINE	**1000**							
					8" CHANNELIZING/ GORE								
					STH 67 (EB) ON RAMP TO USH 12 SB							**150**	
					4" EDGE LINE	**1000**							
					8" CHANNELIZING							**1500**	
				AT IH 43 INTERCHANGE	SEE VISUAL GUIDE LINE INFO								
				SPECIAL & LONG LINE MARKINGS:	**USH 12 SB AT COLLECTOR RAMPS MAIN LINE**								
					4" EDGE LINE	**12582**							
					USH 12 (SB), TO COLLECTOR RAMPS (to IH 43/ CTH NN)								
					8" CHANNELIZING / GORE # 1							**600**	
					USH 12 (SB) TO IH 43 (RAMP E)								
					4" EDGE LINE	**3500**							
					8" CHANNELIZING / GORE # 2							**300**	
					USH 12 (SB) FROM IH 43 (RAMP C)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 3							**400**	
					LANE DROP MARKINGS								**120**
					USH 12 (SB) TO IH 43 (RAMP F)								
					4" EDGE LINE	**2000**							
					8" CHANNELIZING / GORE # 4							**300**	
					USH 12 (SB) FROM IH 43 (RAMP D)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 5							**800**	
					LANE DROP MARKINGS								**120**
					USH 12 (SB) TO CTH NN (RAMP I)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 6							**320**	
					USH 12 (SB) FROM CTH NN (RAMP J)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 7							**1120**	
					USH 12 COLLECTOR RD TO USH 12 (SB) (MAIN LINE)								
					8" CHANNELIZING / GORE # 8							**1400**	
					USH 12 NB AT COLLECTOR RAMPS MAIN LINE								
					4" EDGE LINE								
					USH 12 (NB), TO COLLECTOR RAMPS (to CTH NN /IH 43)								
					8" CHANNELIZING / GORE # 16							**500**	
					USH 12 (NB) TO CTH NN (RAMP L)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 15							**350**	
					USH 12 (NB) FROM CTH NN (RAMP K)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 14							**800**	
					USH 12 (NB) TO IH 43 (RAMP H)								
					4" EDGE LINE	**2000**							
					8" CHANNELIZING / GORE # 13							**260**	
					USH 12 (NB) FROM IH 43 (RAMP B)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 12							**260**	
					LANE DROP MARKINGS								**120**
					USH 12 (NB) TO IH 43 (RAMP G)								
					4" EDGE LINE	**2000**							
					8" CHANNELIZING / GORE # 11							**300**	
					USH 12 (NB) FROM IH 43 (RAMP A)								
					4" EDGE LINE	**0**							
					8" CHANNELIZING / GORE # 10							**800**	
					USH 12 COLLECTOR RD TO USH 12 (NB) (MAIN LINE)								
					8" CHANNELIZING / GORE # 9							**1500**	
				A T STH 120 INTERCHANGE	SEE VISUAL GUIDE LINE INFO								
				SPECIAL & LONG LINE MARKINGS:	**NB, OFF RAMP**								
					UPPER , TERMINI								
					4" EDGE LINE	**0**							
				RAMPS DONE BY OTHERS (3190-00-70)	8" CHANNELIZING(MAIN LINE) / GORE							**400**	
					NB, ON RAMP								
					4" EDGE LINE	**0**							
					8" CHANNELIZING(MAIN LINE) / GORE							**1300**	
					SB, OFF RAMP								
					UPPER , TERMINI								
					4" EDGE LINE	**0**							
					8" CHANNELIZING(MAIN LINE) / GORE							**400**	
					SB, ON RAMP								
					4" EDGE LINE	**0**							
					8" CHANNELIZING(MAIN LINE) / GORE							**1000**	
303	WALW.	USH 12	9.9	STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.	Totals	260775	0	0	0	0	0	15360	360

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)

INFORMATION ONLY

SHEET 1 OF 3

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
304	**MILW.**	**IH 94**	**4.3**	**68TH ST TO 11TH ST**		102141																	
					NOTE:																		
					ALL TAPED, 4" LANE LINE & (4" & 8") EXISTING TAPED DOT					1320														
					PATTERNS SHALL BE PAINTED (" WHITE EPOXY")																			
					ON IH 94 MAIN LINE (INCL. AUXILIARY LANES TAPED MARKINGS).									2	2			2						
				IH 94(WB) (MAIN LINE) ; FROM W ST. PAUL AVE (ON RAMP) TO STH 175(NB) (OFF RAMP) / (E-N SYSTEM RAMP)	LANE REDUCTION MARKINGS LANE DROP MARKINGS																			
					SEE ATTACHMENT FOR: IH 94 (MAIN LINE GORES) MARKINGS LOCATIONS (30 TOTAL TO BE PAINTED)					21800														
				68TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																			
				SPECIAL & LONG LINE MARKINGS		1074			80	130			20			1	1						2	
					EB, OFF RAMP					220														
					UPPER , TERMINI INTERSECTIION																			
					MIDWAY RAMP GORE 8" MARKINGS				200				36	2	2	2								
					4" EDGE LINE					200														
				(NOTE: PAINT CROSS WALKS ON	W KEARNEY ST. (EB FRONTAGE RD)	1118			60				24											
				BOTH ENDS OF KEARNEY BLOCK,ONLY)	8" CHANNELIZING/ GORE																			
					EB, ON RAMP	1118																		
									60	75			24			2	1						
					WB, OFF RAMP				200				96	4	2	2	1						3	
					UPPER , TERMINI INTERSECTIION					0														
				(NOTE: PAINT CROSS WALKS ON	OCONNER ST. (WB FRONTAGE RD)					425														
				BOTH ENDS OF OCONNER BLOCK, ONLY)	4" EDGE LINE																			
					8" CHANNELIZING/ GORE	1600																		
									96														
					WB, ON RAMP (PAINT EDGE LINE ONLY)																			
					CROSS WALK (ONLY)																			
				SO. HAWLEY RD INTERCHANGE	SEE VISUAL GIUDE LINE INFO																			
				SPECIAL & LONG LINE MARKINGS					100	100			30		4		1					2	2
					EB, OFF RAMP																			
					UPPER , TERMINI INTERSECTIION	1800							30											
					NOTE: REFRESH ALL EXISTING DOT PATTERNS **(8" OR 4" WHITE)**	270																		
					EB, ON RAMP																			
					8" CHANNELIZING/ GORE	1800																		
					NOTE: REFRESH ALL EXISTING DOT PATTERNS **(8" OR 4" WHITE)**				150				24		2		1						
					WB, OFF RAMP																			
					UPPER , TERMINI INTERSECTIION					100														
					REFRESH EXISTING DUAL LEFT TURN DOT PATTERNS 8" CONTRAST EPOXY						40													
					8" CHANNELIZING/ GORE	2000							24										5	
					WB, ON RAMP																			
					NOTE: REFRESH ALL EXISTING DOT PATTERNS **(8" OR 4" WHITE)**					350														
					8" CHANNELIZING																			
					NOTE: REFRESH 4" YELLOW E.L. MARKING THROUGH INTERSECTION																			
				GENERAL MITCHELL BLVD INTERCHANGE	SEE VISUAL GIUDE LINE INFO																			
				SPECIAL & LONG LINE MARKINGS		400							24		2	2	1						1
					EB, OFF RAMP					100														
					UPPER , TERMINI INTERSECTIION																			
					8" CHANNELIZING/ GORE	900							24										2	
										15													
					EB, ON RAMP																			
					NOTE: REFRESH ALL EXISTING DOT PATTERNS **(8" OR 4" WHITE)**					100														
					4" EDGE LINE																			
					8" CHANNELIZING	900																		
													36		3		1						
					WB, OFF RAMP																			
					UPPER , TERMINI INTERSECTIION					150														
					4" EDGE LINE																			
					8" CHANNELIZING/ GORE	400							12											

SHEET: 20 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	**E**

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)

INFORMATION ONLY

SHEET 2 OF 3

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
304	**MILW.**	**IH 94**	**4.3**	**68TH ST TO 11TH ST**																			
				IH 94 & STH 175 INTERCHANGE (SYSTEM RAMPS)																			
				SPECIAL & LONG LINE MARKINGS		**1500**																	
				GORE # 13	IH 94 (WB) **OFF RAMP** TO STH 175 (NB)/ (E-N SYSTEM RAMP)	**1800**																	
				14	IH 94 (WB) **OFF RAMP** TO STH 175 (SB)/ (E-S SYSTEM RAMP)	**1800**																	
				17	IH 94 (EB) **OFF RAMP** TO STH 175 (NB) / (W-N SYSTEM RAMP)	**1800**																	
				18	IH 94 (EB) **OFF RAMP** TO STH 175 (SB) / (W-S SYSTEM RAMP)																		
				35TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1300**																	
					EB, OFF RAMP				**200**				**36**		**2**	**2**	**1**						**1**
					UPPER , TERMINI INTERSECTION						**40**												
					INTERSECT , DUAL LT. TURN , DOT PATTERN 2'LINE 6' SPACE, 4" EDGE LINE					**100**													
					8" CHANNELIZING/ GORE	**1200**																	
									200				**24**										
					EB, ON RAMP																		
					4" EDGE LINE																		
					8" CHANNELIZING	**760**																	
									100				**36**		**2**	**1**	**2**						**2**
					WB, OFF RAMP																		
					UPPER , TERMINI INTERSECTION					**750**													
					4" EDGE LINE																		
					8" CHANNELIZING/ GORE	**600**							**15**										
												30											
					WB, ON RAMP																		
					REFRESH EXISTING 12" DIAGONAL(S)					**450**													
					4" EDGE LINE																		
					8" CHANNELIZING/ GORE																		
				26TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1100**									**2**	**1**							
					EB, OFF RAMP																		
					UPPER , TERMINI INTERSECTION					**900**													
					4" EDGE LINE																		
					8" CHANNELIZING/ GORE																		
				25TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1200**																	
					WB, OFF RAMP				**250**				**15**		**2**		**1**						**2**
					UPPER , TERMINI INTERSECTION					**200**													
					4" EDGE LINE																		
					8" CHANNELIZING/ GORE																		
				W ST PAUL INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1600**																	
					WB, ON RAMP																		
					MEDIAN LF. TURN (ONTO RAMP)																		
					RT LANE TURN (ONTO RAMP)					**500**			**36**										
					4" EDGE LINE																		
					8" CHANNELIZING																		
				13TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1500**																	
					EB, OFF RAMP																		
					UPPER , TERMINI INTERSECTION				**80**	**200**			**30**		**2**								
					4" EDGE LINE																		
					8" CHANNELIZING/ GORE																		
				11TH ST INTERCHANGE	SEE VISUAL GIUDE LINE INFO																		
				SPECIAL & LONG LINE MARKINGS		**1000**			**72**				**40**									**4**	
					WB, ON RAMP					**400**				**8**	**27**	**13**	**11**	**2**	**0**	**0**	**0**		
					4" EDGE LINE																		
					8" CHANNELIZING																		
304	**MILW.**	**IH 94**	**4.3**	**68TH ST TO 11TH ST**	**Totals**	**132681**	**0**	**0**	**1848**	**28585**	**80**	**30**	**636**		**61**							**13**	**13**

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SHEET 3 OF 3

SUMMARY

Item #	County	HWY	Miles	LOCATION
304	MILW.	IH 94		68TH ST TO 11TH ST

NOTE: PAINT ALL TAPED 8" GORE MARKINGS, EPOXY **"WHITE"**

INFORMATION ONLY
IH 94 (MAIN LINE GORES)
MARKINGS LOCATIONS

REMARKS / COMMENTS

ATTACHMENT FOR:
IH 94 (MAIN LINE GORES) MARKINGS
LOCATIONS (30 TOTALS TO BE PAINTED)

	IH 94, MAIN LINE GORES	QUANTITIES (L.F.)
1	IH 94 (WB) ON RAMP FROM 11TH ST.	600
2	IH 94 (EB) SPLIT TO IH 43 (NB)	900
3	(**)IH 94 (EB) OFF RAMP TO 13TH ST.	1900
4	IH 794 (WB) ON RAMP FROM IH 43 (NB)	1300
5	(**)IH 94(WB) OFF RAMP TO 25TH ST.	500
6	IH94 (EB) ON RAMP FROM 25TH ST.	1600
7	(**) IH 94 (EB) OFF RAMP TO 25TH ST.	300
8	IH 94 (WB) ON RAMP FROM W. ST PAUL AVE.	450
9	(**)IH 94 (WB) OFF RAMP TO 35TH ST.	450
10	IH 94 (EB) ON RAMP FROM 35TH ST.	500
11	(**)IH 94 (EB) OFF RAMP TO 35TH ST.	1000
12	IH 94 (WB) ON RAMP FROM 35TH ST.	650
13	(**)IH 94 (WB) OFF RAMP TO STH 175 (NB)/ (E-N SYSTEM RAMP)	1100
14	(**)IH 94 (WB) OFF RAMP TO STH 175 (SB)/ (E-S SYSTEM RAMP)	700
15	IH 94 (EB) ON RAMP FROM STH 175 (NB)/ (N-E SYSTEM RAMP)	600
16	IH 94 (EB) ON RAMP FROM STH 175 (SB)/(S-E SYSTEM RAMP)	600
17	(**) IH 94 (EB) OFF RAMP TO STH 175 (NB) / (W-N SYSTEM RAMP)	1000
18	(**)IH 94 (EB) OFF RAMP TO STH 175 (SB) / (W-S SYSTEM RAMP)	450
19	IH 94 (WB) ON RAMP FROM STH 175(SB)/ (N-W SYSTEM RAMP)	650
20	IH 94 (WB) ON RAMP FROM STH 175(NB)/ (S-W SYSTEM RAMP)	500
21	(**)IH 94 (WB) OFF RAMP TO N.GENERAL MITCHELL BLVD	900
22	IH 94 (EB) ON RAMP FROM N.GENERAL MITCHELL BLVD	400
23	IH 94 (WB) ON RAMP FROM N.GENERAL MITCHELL BLVD	600
24	(**)IH 94 (EB) OFF RAMP TO N.GENERAL MITCHELL BLVD	700
25	IH 94 (EB) ON RAMP FROM HAWLEY RD	600
26	(**)IH 94 (WB) OFF RAMP TO HAWLEY RD	400
27	IH 94 (WB) ON RAMP FROM HAWLEY RD	800
28	(**)IH 94 (EB) OFF RAMP TO HAWLEY RD	500
29	(**)IH 94 (WB) OFF RAMP TO 68TH ST.	650
30	IH 94 (EB) ON RAMP FROM 68TH ST.	500
	TOTAL	21800

(**) PAINT SKIP MARKINGS (4"/8") WHITE, 3' LINE,9' SPACE @ EXIT GORES

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN LF.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN LF.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN LF.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN LF.	646.9000 Marking Removal line 4 - IN LF.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN LF.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN LF.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN LF.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN LF.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN LF.	646.9100 Marking Removal line 8-IN LF.	646.7120 Marking Diagonal Epoxy 12-IN LF.	646.9200 Marking Removal line Wide -- LF.	646.7220 Marking CHEVRONS Epoxy 24-IN LF.	646.6220 Marking Yield line Epoxy 18-IN LF.	646.6120 Marking Stop Line Epoxy 18-IN LF.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy LF.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN LF.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy LF.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy EA.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN LF.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN LF.	SPV.0090.05 Marking Removal line Contrast tape 8-IN LF.
305	MILW.	IH 94/ IH 43	3.3	100' SOUTH OF NATIONAL AVE TO W. HOWARD AVE		69308																																					
				PAINT (ONLY) THE MAIN LINE EDGE LINE NOTE: LANE LINE & GORES ARE TAPE DO NOT PAINT																																							
				NATIONAL AVE	ON / OFF RAMPS (NO WORK)																																						
				LAPHAM BLVD/ GREENFIELD	ON / OFF RAMPS (NO WORK)																																						
				W MITCHELL ST	(NO WORK)																																						
				BECHER ST																																							
				SPECIAL & LONG LINE MARKINGS:																																							
					NB, OFF RAMP	1700																																					
					UPPER, TERMINI																																							
					4" EDGE LINE																																							
					8" CHAN./1 midway ramp GORE							500																																
					2 SETS OF STOP BARS/ 3 SETS OF CROSS WALK						144																																
					NB, ON RAMP (NO WORK)																																							
					SB, OFF RAMP	1700																																					
					UPPER, TERMINI																																							
					4" EDGE LINE																																							
					8" CHAN./1 midway ramp GORE							500																																
					2 SETS OF STOP BARS/ 3 SETS OF CROSS WALK						144																																
					SB, ON RAMP (NO WORK)																																							
				HOLT (NB) ON RAMP TO IH 43	REMOVING 8" CONTRAST TAPE AND ADDING								225																															900
					8" CONTRAST EPOXY (AS SHOWN)																																							
				HOWARD	ON / OFF RAMP (NO WORK)																																							
305	MILW.	IH 94/ IH 43	3.3	100' SOUTH OF NATIONAL AVE TO W. HOWARD AVE	Totals	72708	0	0	0	0	288	1000	225	0	0	0	0	0	0	0	96	0	0	0	17	8	0	4	5	0	0	0	0	0	4	0	0	0	0	0	0	900

SHEET: 23 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide - L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5920 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 6 EA.	TYPE 7 EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.9300 Marking Removal Special Marking EA.	646.8120 Marking Curb Epoxy L.F.	646.8220 Marking Island Nose Epoxy EA.	646.5320 Marking Railroad Crossings Epoxy E.A.	SPV.0090.03 Marking Removal line Grooved Tape 8-IN L.F.	SPV.0090.04 Marking Removal line Thermoplastic 18 -IN L.F.	SPV.0090.05 Marking Removal line Contrast tape 8-IN L.F.
306	MILW.	I 94	4.8	W. HOWARD AVE TO W.RAWSON AVE (CTH BB)		102268																																								
				PAINT (ONLY) THE MAIN LINE " EDGE LINE" & COLLECTOR - DISTRIBUTOR RDWY "EDGE LINE". NOTE: LANE LINE & GORES ARE TAPE DO NOT PAINT	SHALL PROVIDE MARKINGS WHERE APPLICABLE:																																							
				COLLECTOR - DISTRIBUTOR RDWY "EDGE LINE" ONLY.																																									
					I 94 (EB) DISTRIBUTOR RDWY	2236																																								
					I 94 (WB) DISTRIBUTOR RDWY	2074 2																																								
				SYSTEM RAMPS "EDGE LINE"																																									
					I 94/ I 43 (SB) to I 894 / (N-W SYSTEM RAMP)	5304																																								
					W-N SYSTEM RAMP	6950																																								
					I 94 (NB) TO I H 894(WB) / (S-W SYSTEM RAMP)	4800																																								
				FROM LAYTON AVE TO END OF SOLID LANE LINE	PAINT 8" WHITE PORTION OF CONTRAST TAPE & LL							2400																																	
				I 894 TO I 94 (SB) TOWARDS CHICAGO	NOTE: "NO WORK" ON W-S SYST. RAMP																																								
306	MILW.	I 94	4.8	W. HOWARD AVE TO W.RAWSON AVE (CTH BB)	Totals	161460	0	0	0	0	0	2400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide – L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
307	KENO.	IH 94	4.8	STH 50 TO WISCONSIN / ILLINOIS STATE LINE		101120																														
				PAINT: THE MAIN LINE EDGE LINE & TYP 5 ARROWS NOTE: LANE LINE & GORES ARE TAPE DO NOT PAINT	13 ARROWS IN TOTAL SHALL PROVIDE MARKINGS WHERE APPLICABLE:																						13							
				CTH C																																
				SPECIAL & LONG LINE MARKINGS:																																
					NB, OFF RAMP	2700																				2	2								2	
					UPPER , TERMINI						64	150										12													
					4" EDGE LINE 8" CHANNELIZING/ GORE(S)																															
					NB, ON RAMP	3300																														
					4" EDGE LINE 8" CHANNELIZING																															
					SB, OFF RAMP	2500																				1	1	1							1	
					UPPER , TERMINI																	12													
					4" EDGE LINE 8" CHANNELIZING/ GORE							400																							
					SB, ON RAMP	2000																														
					CROSS WALK						110																									
					4" EDGE LINE 8" CHANNELIZING																															
				STH 165																																
				SPECIAL & LONG LINE MARKINGS:																																
					SB, OFF RAMP	3600																12				2										
					UPPER , TERMINI																															
					4" EDGE LINE 8" CHANNELIZING/ GORE																															
					SB, ON (2ND) RAMP																															
					UPPER , TERMINI																															
					4" EDGE LINE	3200																														
					8" CHANNELIZING/ GORE							900																								
					SB, ON RAMP	1500						100																								
					MEDIAN LF. TURN (ONTO RAMP) RT LANE TURN (ONTO RAMP)																															
					4" EDGE LINE																															
					8" CHANNELIZING							750																								
					NB, ON RAMP FROM STH 165	2300																														
					TURKEY TRACKS (2' LINE, 6' SPACE)								40																							
					4" EDGE LINE 8" CHANNELIZING																															
					NB, OFF RAMP(MIDDLE GORE DIVIDER)																															
					UPPER , TERMINI UNDER NEW COSTRUCTION (NO WORK)																															
					2ND NB, ON RAMP FROM REST AREA	5200																														
					MEDIAN DUAL LEFT TURN (ONTO RAMP) TURKEY TRACKS (2' LINE, 6' SPACE)																															
					4" EDGE LINE 8" CHANNELIZING																															
307	KENO.	IH 94	4.8	STH 50 TO WISCONSIN / ILLINOIS STATE LINE	Totals	127420	0	0	0	0	174	2300	40	0	0	0	0	0	0	0	36	0	0	0	0	3	5	1	13	0	0	0	22		0	3	

SHEET: 25 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

3

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

INFORMATION ONLY

SHEET 1 OF 2

Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	656.5020 Marking Arrow Epoxy TYPE 5 EA.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.
308	MILW	IH 43	4.6	WISC. AVE TO HAMPTON RD	PAINT MAIN LINE (LONG LINE) MARKINGS ONLY	135025						1000
					SKIP MARKINGS	480						
					NOTE:							
					ALL TAPED, 4" LANE LINE & (4" & 8") EXISTING TAPED DOT PATTERNS SHALL BE PAINTED (" WHITE EPOXY") ON IH 43 MAIN LINE INCL. : "EXISTING " AUXILIARY LANES TAPED MARKINGS (3' LINE,6' GAP) LANE REDUCTION MARKINGS LANE DROP MARKINGS. ETC..	1000						
					SEE ATTACHMENT FOR: IH 43 (ALL MAIN LINE GORES) MARKINGS LOCATIONS (31 TOTAL TO BE PAINTED)							20014
					REFRESH (TYPE 5 ARROWS) WHITE PORTION ON IH43 (NB) MAIN LINE AT NORTH AVE EXIT						3	
308	MILW	IH 43	4.6	WISC. AVE TO HAMPTON RD	Totals	136505	0	0	0	0	3	21014

SHEET: 26 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Epoxy Pavement Marking - 2018
Var. Hwy (1000-77-18)
SE Region Wide

INFORMATION ONLY
IH 43 (MAIN LINE GORES)
MARKINGS LOCATIONS

SHEET 2 OF 2

SUMMARY

Item #	County	HWY	Miles	LOCATION	DOTTED EXTENSION 4-IN 3' LINE, 9' SPACE	REMARKS / COMMENTS ATTACHMENT FOR: IH 43 (MAIN LINE GORES) MARKINGS LOCATIONS (31 TOTALS TO BE PAINTED)
308	MILW.	IH 43		WISC. AVE TO HAMPTO		

NOTE: PAINT ALL TAPED 8" GORE MARKINGS, EPOXY **"WHITE**

	IH 43, MAIN LINE GORES		QUANTITIES (L.F.)
1	(**)IH 43 (SB) OFF RAMP TO IH 794 (EB)	30	600
2	(**)IH 43 (NB) OFF RAMP TO KILBOURN AVE	30	500
3	(**)IH 43 (SB) OFF RAMP TO IH 94 (WB)	30	900
4	IH 43 (NB) ON RAMP FROM IH 94 (EB)		900
5	(**)IH 43 (NB) OFF RAMP TO STH 145 (F.D.L)	30	500
6	IH 43 (SB) ON RAMP ON RAMP FROM STH 145 (F.D.L.)		750
7	(**)IH 43 (SB) OFF RAMP TO HIGHLAND AVE	30	700
8	IH 43 (NB) ON RAMP FROM HIGHLAND AVE		700
9	IH 43 (NB) ON RAMP FROM STH 145 (F.D.L.)		600
10	(**)IH 43 (SB) OFF RAMP TO STH 145 (F.D.L.)	30	800
11	(**)IH 43 (NB) OFF RAMP TO NORTH AVE	30	800
12	IH 43 (SB) ON RAMP FROM NORTH AVE		600
13	IH 43 (NB) ON RAMP FROM NORTH AVE		1000
14	(**)IH 43 (SB) OFF RAMP TO NORTH AVE	30	500
15	(**)IH 43 (NB) OFF RAMP TO LOCUST ST	30	360
16	IH 43 (SB) ON RAMP FROM LOCUST ST		420
17	IH 43 (NB) ON RAMP FROM LOCUST ST		520
18	(**)IH 43 (SB) OFF RAMP TO LOCUST ST	30	444
19	IH 43 (SB) ON RAMP FROM KEEFE AVE (8TH ST)		750
20	(**)IH 43 (NB) OFF RAMP TO KEEFE AVE	30	500
21	IH 43 (SB) ON RAMP FROM 9TH ST (N. GREEN BAY AVE)		500
22	IH 43 (NB) ON RAMP FROM KEEFE (7TH ST)		450
23	(**)IH 43 (SB) OFF RAMP TO ATKINSON AVE	30	800
24	(**)IH 43 (NB) OFF RAMP TO W. CAPITAL DR. (STH 190)	30	440
25	(**)IH 43 (NB) OFF RAMP TO N. GREEN BAY AVE (STH 57)		360
26	IH 43 (SB) ON RAMP FROM N. GREEN BAY AVE (STH 57)		880
27	(**)IH 43 (SB) OFF RAMP TO N. GREEN BAY AVE (STH 57)	30	440
28	IH 43 (NB) ON RAMP FROM 7TH ST (W. FIEBRANTZ AVE)		1100
29	(**)IH 43 (NB) OFF RAMP TO N. PORT WASHINGTON RD	30	840
30	IH 43 (SB) ON RAMP FROM W. HAMPTON AVE		680
31	(**)IH 43 (NB) OFF RAMP TO W. HAMPTON AVE	30	680
	TOTAL	480	20014

(**) PAINT SKIP MARKINGS (4") WHITE, 3' LINE,9' SPACE AT EXIT GORES

SHEET: 27 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SHEET 1 OF 2

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.	646.3040 Marking Line Grooved Wet Contrast (white) 8-IN L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 Marking Removal line 8-IN L.F.	646.7120 Marking Diagonal Epoxy 12-IN L.F.	646.9200 Marking Removal line Wide -- L.F.	646.7220 Marking CHEVRONS Epoxy 24-IN L.F.	646.6220 Marking Yield line Epoxy 18-IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.6320 Marking Dotted Extnsn Epoxy 18-IN EA.	646.5420 Marking Aerial Enforcement Bar Epoxy L.F.	646.7520 Mrkng Crosswalk Epoxy Ladder Pattern 24-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 1 EA.	TYPE 2 EA.	TYPE 3 EA.	TYPE 4 EA.	TYPE 5 EA.	TYPE 2R EA.	TYPE 3R EA.	TYPE 7R EA.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.
309	MILW.	IH 41/USH 45	0.4	ON / OFF RAMPS AT W. WATERTOWN PLK RD AND IH 41/USH 45	NOTE 1) ONLY THE WHITE PORTION OF THE EXISTING 8" - "CONTRAST TAPE" **(ALL)** SHALL BE EPOXIED,WHERE APPLICABLE. NOTE 2) ONLY THE WHITE PORTION OF THE EXISTING "CONTRAST ARROWS & WORDS" SHALL BE EPOXIED,WHERE APPLICABLE. DO NOT PAINT CONTRAST TAPE DOT PATTERNS)																													
					SEE ATTACHMENT FOR: IH 41/USH 45 (ALL RAMPS) MARKINGS LOCATIONS (12 TOTAL TO BE PAINTED)	29260																											
				W WATERTOWN PLANK RD (WB) ON RAMP TO IH41 /USH 45																												
					RAMP A (ENT. GORE)							560																				
					RAMP A , MIDWAY GORE							160																				
				W WATERTOWN PLANK RD (EB) ON RAMP TO IH41 /USH 45																												
					RAMP C (ENT. GORE)							760																				
					RAMP C , MIDWAY GORE							300																				
				IH 41/USH 45 (NB) OFF RAMP TO WATERTOWN PLK RD																												
					RAMP D , MIDWAY GORE							600																				
				IH 41/USH 45 (SB) OFF RAMP TO WATERTOWN PLK RD																												
					RAMP B , MIDWAY GORE							400																				
309	MILW.	IH 41/USH 45	0.4	ON / OFF RAMPS AT W. WATERTOWN PLK RD AND IH 41/USH 45	Totals	29260	0	0	0	0	0	2780	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SHEET: 28 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19
PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

3

Epoxy Pavement Marking - 2018
Var. Hwy (1000-77-18)
SE Region Wide

SHEET 2 OF 2

INFORMATION ONLY

REMARKS / COMMENTS

ATTACHMENT FOR:

LOCATIONS (12 RAMPS TOTALS TO BE PAINTED)

SUMMARY

Item #	County	HWY	Miles	LOCATION
309	MILW.	IH 41/USH 45		**WATERTOWN PLK RD & IH 41/USH45**

NOTE: PAINT ALL RAMP (4") EDGE LINE MARKINGS

WATERTOWN PLK RD & IH 41/USH45

4-IN

QUANTITIES (L.F.)

	RAMP(S)	**LOCATIONS**	
1	A	OFF RAMP FROM W WATERTOW PLK RD (MIDWAY UP RAMP)	1400
2	A1	ON RAMP TO IH 41 (NB)	4400
3	A2	ON RAMP TO IH 41 (SB)	2400
4	B	ON RAMP TO W WATERTOW PLK RD (MIDWAY UP RAMP)	760
5	B1	ON RAMP TO W WATERTOW PLK RD (WB)	1900
6	B2	ON RAMP TO W WATERTOW PLK RD (EB)	4400
7	C	OFF RAMP FROM W WATERTOW PLK RD (MIDWAY UP RAMP)	1600
8	C1	ON RAMP TO IH 41 (NB)	4600
9	C2	ON RAMP TO IH 41 (SB)	2600
10	D	OFF RAMP TO W WATERTOW PLK RD (MIDWAY UP RAMP)	1200
11	D1	ON RAMP TO W WATERTOW PLK RD (WB)	1000
12	D2	ON RAMP TO W WATERTOW PLK RD (EB)	3000
		TOTAL	29260

NOTE: TAPED DOT PATTERN ARE NOT TO BE PAINTED ON RAMPS

3

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

INFORMATION ONLY

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE LANE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE EDGE LINE 4-IN L.F.	646.1020 MARKING LINE EPOXY MAIN LINE MINI SKIPS 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white) 4- IN L.F.	646.1040 Marking Line Grooved Wet Contrast (white) 4-IN L.F.	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4- IN L.F.	646.9000 Marking Removal line 4 - IN L.F.	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN L.F.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	SPV.0090.02 Pav. Mrkng Epoxy Contrast (white) 8- IN L.F.
310	MILW.	IH 41/USH 45	2.95	WATERTOWN PLK RD TO BURLEIGH	**NOTE 1)** ALL **LANE LINES** SHALL BE PAINTED **"CONTRAST EPOXY"** (BOTH BLACK AND WHITE PORTIONS) THOUGHOUT THE MAIN LINE OF THIS SECTION OF HWY.		62312		32326						
					NOTE 2) REFRESH ALL EXISTING CHANELIZING (DOT PATTERN) 8" (3'LINE,9'SPACE) "CONTRAST TAPE" MARKINGS WITH EPOXY PAINT (BOTH BLACK AND WHITE PORTIONS) THOUGHOUT THE MAIN LINE OF THIS SECTION OF HWY. WHERE APPLICABLE.										2549
				NORTH AVE INTERCHANGE											
				IH 41 / USH 45 NB OFF RAMP TO NORTH AVE	PAINT EACH RAMP'S **(4" EDGE LINE)** AND MAIN LINE GORE'S 8" (WHITE) CHANNELIZING MARKINGS **NOTE:** PAINT EXTENDED 4" AND 8" EXISTING DOT PATTERN (S) AT OFF AND ON RAMPS, WHERE APPLICABLE (3'LINE , 9'SPACE)		2475								580	
				IH 41 / USH 45 NB ON RAMP FROM NORTH AVE			2209							600	
				IH 41 / USH 45 SB OFF RAMP TO NORTH AVE			2526							600	
				IH 41 / USH 45 SB ON RAMP FROM NORTH AVE			1978							1200	
310	MILW.	IH 41/USH 45	2.95	WATERTOWN PLK RD TO BURLEIGH	Totals	0	71500	0	32326	0	0	0	0	2980	2549

SHEET: 30 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19 PLOT DATE : Jan 29,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

INFORMATION ONLY

SHEET 1 OF 3

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white 4- IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.5020 Marking Arrow Epoxy TYPE 2 EA.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 5 EA.
311	WAUK.	IH 94	22.54	WAUK./JEFFERSON CO. LINE TO I	**MAIN LINE & RAMPS**	**476096**							
					SEE ITEM 311 FOR GORES & TYPE 5 ARROWS LOCATIONS **(SEE SHEET 3 OF 3)**							**40814**	**5**
					PAINT: EDGE LINE , GORES, DOT PATTERNS (3' LINE, 9 'SPACE) AND TYPE 5 ARROWS ON IH 94 MAIN LINE								
					PAINT: LONG LINE MARKINGS ON **ALL RAMPS** AND **COLLECTOR RAMPS** (ONLY)								
					NOTE 1) ONLY THE WHITE PORTION OF THE EXISTING 8" - "CONTRAST TAPE" **(ALL)** SHALL BE EPOXIED,WHERE APPLICABLE.								
				STH 67 (SUMMIT AVE)	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**3200**						**255**	
					1ST ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**2200**							
					2ND ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**2400**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2000**						**255**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**850**							
				N SAWYER RD / CTH P	**RAMPS LONG LINE MARKINGS:**								
					NOTE: RAMP WORK WILL BE DONE UNDER ITEM # 400 ROUNDABOUT								
				CTH C (GENESEE STREET)	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2900**							
					ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**1340**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2600**						**51**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**2400**							
				STH 83	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**1500**						**170**	
					ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**1220**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2660**						**510**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**2300**							
				CTH SS	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2200**						**213**	
					ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**1800**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**1400**						**85**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**1100**							
				CTH TT (MEADOWBROCK RD)	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2100**						**128**	
					ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**1400**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2000**						**170**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**2100**							
				CTH T (N GRANDVIEW BLVD)	**RAMPS LONG LINE MARKINGS:**								
					IH 94 (EB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2000**						**119**	
					ON RAMP TO IH 94 (EB) 4" EDGE LINE / 8" CHANNELIZING	**1050**							
					IH 94 (WB) OFF RAMP TO 4" EDGE LINE / 8" CHANNELIZING/ GORE	**2600**						**700**	
					ON RAMP TO IH 94 (WB) 4" EDGE LINE / 8" CHANNELIZING	**2000**							
				STH 16	**RAMPS LONG LINE MARKINGS:**								
					ON RAMP TO IH 94 (EB) NO RAMP WORK								
					IH 94 (WB) OFF RAMP TO NO RAMP WORK								
					4" EDGE LINE / 8" CHANNELIZING								

SHEET: 31 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : March 5,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

INFORMATION ONLY

SHEET 2 OF 3

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white 4- IN L.F.	646.6120 Marking Stop Line Epoxy 18-IN L.F.	646.5220 Marking Symbols Epoxy EA.	646.5120 Marking Word Epoxy EA.	646.5020 Marking Arrow Epoxy TYPE 2 EA.	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	646.5020 Marking Arrow Epoxy TYPE 5 EA.
311	WAUK.	IH 94	22.54	WAUK./JEFFERSON CO. LINE TO I	MAIN LINE & RAMPS								
				STH 164 (PEWAUKEE RD)	RAMPS LONG LINE MARKINGS:								
					IH 94 (EB) OFF RAMP TO								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2000						276	
					ON RAMP TO IH 94 (EB)								
					4" EDGE LINE / 8" CHANNELIZING	1400							
					IH 94 (WB) OFF RAMP TO								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	1850						340	
					ON RAMP TO IH 94 (WB)								
					4" EDGE LINE / 8" CHANNELIZING	1300							
				CTH F (REDFORD BLVD)	RAMPS LONG LINE MARKINGS:								
					IH 94 (EB) OFF RAMP TO								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	1800						238	
					ON RAMP TO IH 94 (EB)								
					4" EDGE LINE / 8" CHANNELIZING	1000							
					IH 94 (WB) OFF RAMP TO								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2000						425	
					ON RAMP TO IH 94 (WB)								
					4" EDGE LINE / 8" CHANNELIZING	1900							
				BLUEMOUND RD /COLLECTOR RAMPS	RAMPS LONG LINE MARKINGS:								
					IH 94 (EB) TO BLUEMOUND RD								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	1300						68	
					(EB) COLLECTOR RAMP GORE:								
					MIDWAY GORE							213	
					IH 94 (EB) OFF RAMP TO E MOORLAND BLVD								
					4" EDGE LINE / 8" CHANNELIZING	2600							
				E. MORLAND BLVD	ON RAMP TO IH 94 (EB) / COLLECTOR RAMP								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2640							
					(EB) COLLECTOR RAMP GORE:							510	
					MIDWAY GORE								
				N BARKER RD / SWENSON DR	ON RAMP TO IH 94 (EB) / COLLECTOR RAMP								
					4" EDGE LINE / 8" CHANNELIZING	3825							
					UPPER GORE & CHANNELIZING LANE			84	5	2	5	468	
				BARKER & (WB) COLLECTOR RAMPS	RAMPS LONG LINE MARKINGS:								
					1ST ,OFF RAMP TO BARKER RD								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2050						536	
					(WB) COLLECTOR RAMP GORE (S)								
					1ST GORE							255	
					2ND GORE							340	
					3RD GORE							170	
					4TH GORE							374	
					1ST ON RAMP TO IH 94 (WB)								
					4" EDGE LINE / 8" CHANNELIZING	2000							
					2ND OFF RAMP FROM IH94 (WB)								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2000							
					2ND ON RAMP TO IH 94 (WB) & COLLECTOR RAMP								
					4" EDGE LINE / 8" CHANNELIZING	3600							
				S. MOORLAND RD	RAMPS LONG LINE MARKINGS:								
					1ST IH94 WB OFF RAMP "NO WORK"								
					IH94 (EB) ON RAMP FROM MOORLAND RD "NO WORK"								
					OFF RAMP TO CTH O (SB)								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2000							
					ON RAMP TO IH 94 (WB)								
					4" EDGE LINE / 8" CHANNELIZING	2600							
					OFF RAMP TO CTH O (MOORLAND RD)								
					4" EDGE LINE / 8" CHANNELIZING/ GORE	2600						330	
					(SB) MOORLAND RD (PARTIAL) ON RAMP TO IH 94 (EB)								
					4" EDGE LINE / 8" CHANNELIZING	2000							
311	WAUK.	IH 94	22.54	K./JEFFERSON CO. LINE TO MOORLAND	Totals	567881	0	84	5	2	5	48013	5

Epoxy Pavement Marking - 2019
Var. Hwy (1000-77-19)
SE Region Wide

SUMMARY

Item #	County	HWY	Miles
311	WAUK.	IH 94	22.54

INFORMATION ONLY

SHEET 3 OF 3

LOCATION	REMARKS / COMMENTS	646.3020 MARKING LINE EPOXY Gore, Channelizing 8-IN L.F.	646.3020 MARKING LINE EPOXY DOT PATTERNS 8" (3' SPACE 9' LINE) L.F.	646.5020 Marking Arrow Epoxy TYPE 5 EA.
WAUK./JEFFERSON CO. LINE TO MOORLAND RD	**MAIN LINE & RAMPS (ONLY)**			
	PAINT: 8"CONTRAST TAPED "GORES AND DOT PATTERNS" (3' LINE, 9 'SPACE) **ON IH 94 MAIN LINE**			
	NOTE 1) ONLY THE WHITE PORTION OF THE EXISTING **8" - "CONTRAST TAPE" (ALL)** SHALL BE EPOXIED,WHERE APPLICABLE.			
	NOTE2) PAINT OF REFRESH **ALL DOT PATTERNS** ON IH 94 MAIN LINE (EB & WB), WHERE APPLICABLE			
	NOTE 3) PAINT OR REFRESH **ALL TYPE 5 ARROWS** ON IH 94 MAIN LINE (EB & WB).			
STH 67 (SUMMIT AVE)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**255**	**37**	
	ON RAMP (MAIN LINE) GORE	**2100**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**340**		
	ON RAMP (MAIN LINE) GORE	**850**		
N SAWYER RD / CTH P	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**425**	**37**	
	ON RAMP (MAIN LINE) GORE	**1020**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**680**		
	ON RAMP (MAIN LINE) GORE	**1020**		
CTH C (GENESEE STREET)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**391**	**37**	
	ON RAMP (MAIN LINE) GORE	**714**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**680**	**37**	
	ON RAMP (MAIN LINE) GORE	**850**		
STH 83	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**349**	**37**	
	ON RAMP (MAIN LINE) GORE	**935**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**340**	**37**	
	ON RAMP (MAIN LINE) GORE	**1290**		
CTH SS	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**765**		
	ON RAMP (MAIN LINE) GORE	**1020**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**935**	**37**	
	ON RAMP (MAIN LINE) GORE	**808**		
CTH TT (MEADOWBROCK RD)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**638**		
	ON RAMP (MAIN LINE) GORE	**1020**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**850**	**37**	
	ON RAMP (MAIN LINE) GORE	**935**		
CTH T (N GRANDVIEW BLVD)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**638**	**37**	
	ON RAMP (MAIN LINE) GORE	**1148**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**638**	**37**	
	ON RAMP (MAIN LINE) GORE	**952**		
STH 16	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	ON RAMP TO IH 94 (EB)			
	GORE	**1700**	**322**	
	IH 94 (WB) OFF RAMP TO			
	GORE			
	4" EDGE LINE / 8" CHANNELIZING	**978**	**562**	
STH 164 (PEWAUKEE RD)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**1530**	**37**	
	ON RAMP (MAIN LINE) GORE	**1020**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**850**	**37**	
	ON RAMP (MAIN LINE) GORE	**1785**	**37**	
CTH F (REDFORD BLVD)	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**1020**	**37**	
	ON RAMP (MAIN LINE) GORE	**893**		
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**340**	**37**	
	ON RAMP (MAIN LINE) GORE	**1275**		
MAIN LINE /2ND COLLECTOR RAMPS	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**680**		
MAIN LINE / 1ST COLLECTOR RAMPS	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	ON RAMP (MAIN LINE) GORE	**1700**	**37**	**3**
BARKER & (WB) COLLECTOR RAMPS	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (WB)			
	OFF RAMP (MAIN LINE) GORE	**765**		
	ON RAMP (MAIN LINE) GORE	**510**		
S. MOORLAND RD	**IH 94 (MAIN LINE GORES) MARKINGS:**			
	IH 94 (EB)			
	OFF RAMP (MAIN LINE) GORE	**298**	**203**	
	IH 94 (WB)			
	2ND OFF RAMP (MAIN LINE) GORE	**281**	**37**	
	ON RAMP (MAIN LINE) GORE	**850**	**37**	**2**
	SUB-TOTAL	**39061**	**1753**	**5**
	TOTAL	40814		5

SHEET: 33 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-19

PLOT DATE : March 5,2019 PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf PLOT SCALE : 1:1

Epoxy Pavement Marking - 2018
Var. Hwy (1000-77-18)
SE Region Wide

SUMMARY Item #	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	SPV.0090.01 Pav. Mrkng Epoxy Contrast (yellow/white) 4- IN L.F.
106	MILW.	VAR.		VAR. LOCATION THOUGHOUT MILW CO.	SEE GUIDE LINE INFO.		
					PAINT OR REFRESH: 4" CONTRAST (YELLOW) LEFT TURN TURKEY TRACK		
			0.01	IH 43 SILVER SPRING DR/ PORT WASHINGTON RD NB/EXIT	AND		30
			0.01	IH 43 KILBOURN AVE ENTRANACE / EXIT	4" CONTRAST (WHITE) LANE CONTROL		30
			0.01	IH 94 MINERAL ST S/B EXIT			30
			0.01	IH 94 WALKER ST N/B EXIT	**DOT PATTERN (2'LINE, 6' SPACE) MARKINGS (AS SHOWN)**		30
			0.01	IH94 MINERAL ST N/B EXIT / ENTRANCE			30
			0.01	IH 94 HOWARD AVE S/B EXIT / ENTRANCE			30
			0.01	IH 94 25TH ST W/B EXIT			30
			0.01	IH 94 GENERAL MITCHELL BLVD W/B EXIT / ENTRANCE			30
			0.01	IH 94 HAWLEY RD W/B EXIT			30
			0.01	USH 41 ALOIS STREET S/B EXIT / ENTRANCE			30
			0.01	USH 41 FREDERICK MILLER WAY N/B EXIT			30
			0.01	USH 41 FREDERICK MILLER WAY S/B EXIT			30
			0.01	USH 41 MARTIN DR N/B EXIT / ENTRANCE			30
			0.01	USH 45 / IH 894 BELOIT RD N/B EXIT			30
			0.01	STH 145 FOND DU LACE AVE / N 107TH ST S/B EXIT			30
			0.01	STH 145 FOND DU LACE AVE / N 91ST ST S/B EXIT			30
106	MILW.	VAR.	0.16	VAR. LOCATION THOUGHOUT MILW CO.	Totals	0	480

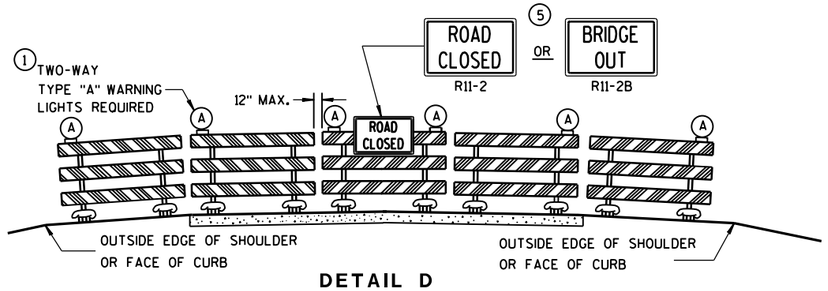
SHEET: 34 OF 34

PROJECT NO:1000-77-19	HWY: VARIOUS	COUNTY: VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:	E

Standard Detail Drawing List

15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C07-14A	PAVEMENT MARKING SYMBOLS
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C07-14D	ROUNDABOUT ARROWS
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C08-19B	PAVEMENT MARKING (TURN LANES)
15C08-19C	PAVEMENT MARKING (TURN LANES)
15C09-11A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C09-11B	TRUCK STOPPING LANE PAVEMENT MARKINGS
15C12-06	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C14-03	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C19-05A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-05B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-05C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-03B	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C31-03C	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15C33-03	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-03A	PAVEMENT MARKING (INTERSECTIONS)
15C35-03C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15D16-04	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D22-03	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D37-02	TRAFFIC CONTROL, 2-LANE ROUNDABOUT

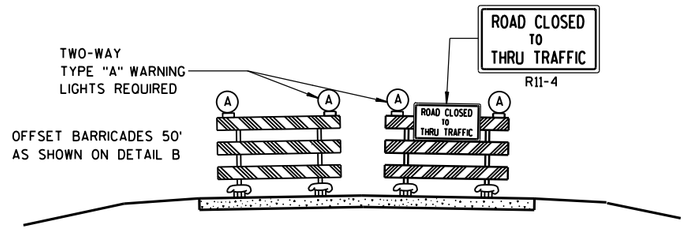
6



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

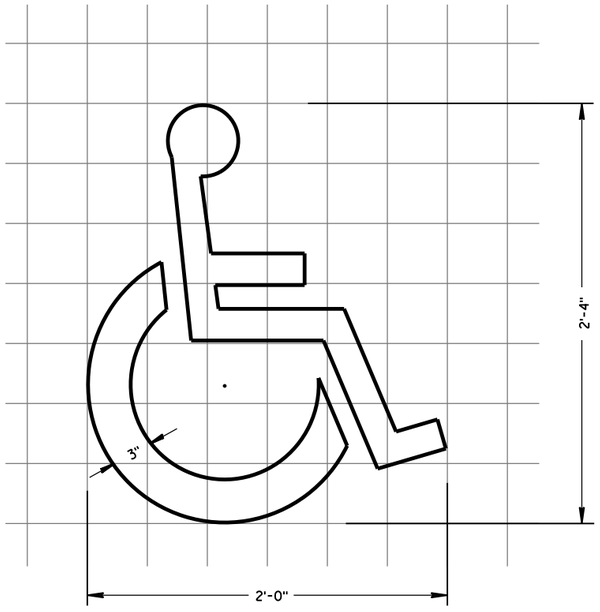
Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO 357 FIC
SAFETY ENGI

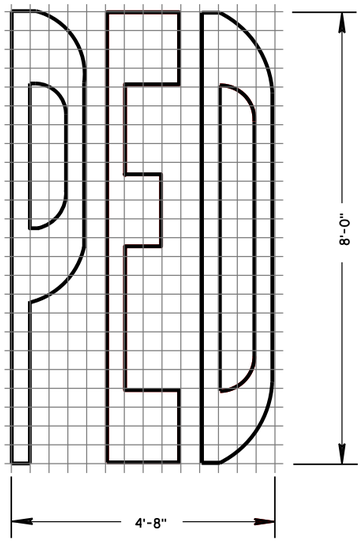
FHWA

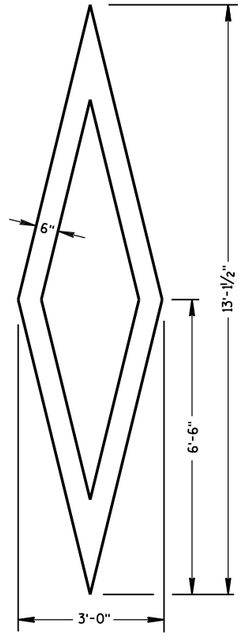
GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



HANDICAP SYMBOL





PREFERENTIAL LANE SYMBOL

6

6

S.D.D. 15 C 7-14a

S.D.D. 15 C 7-14a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

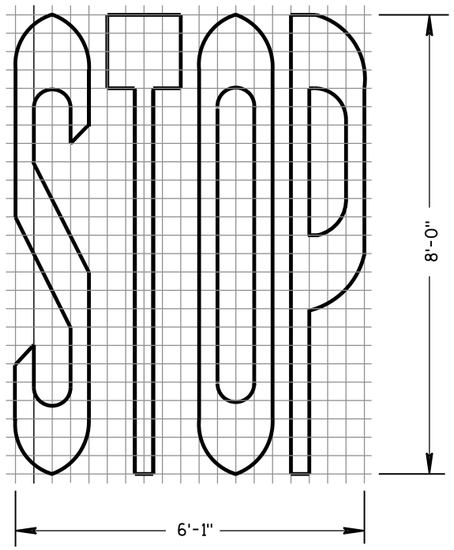
June 2017 — DATE

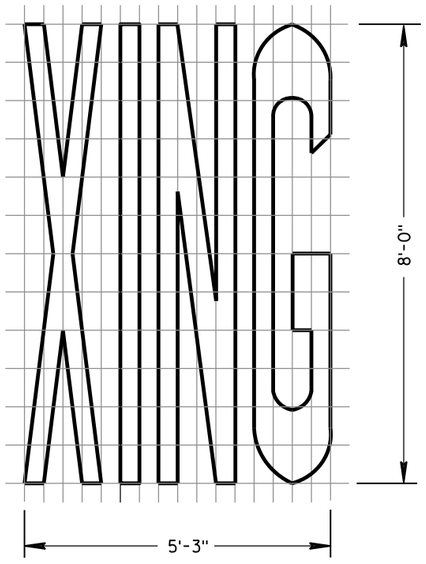
/S/ Matthew R. Rauch — STATE SIGNING AND MARK EER

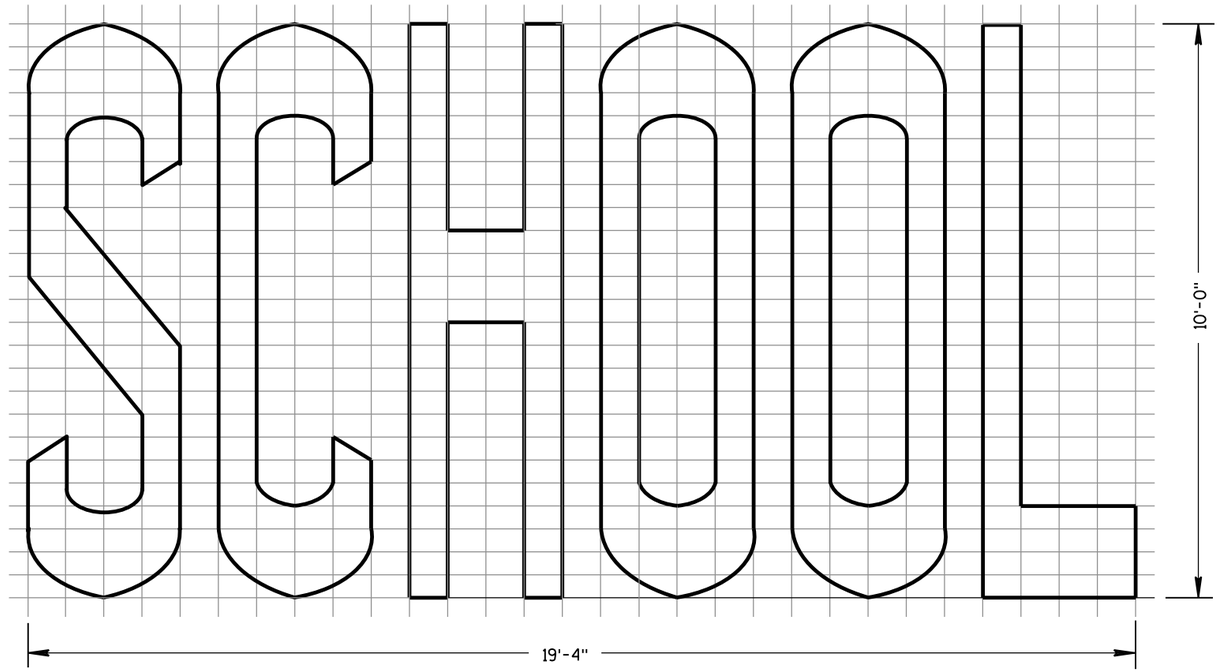
FHWA

GENERAL NOTES

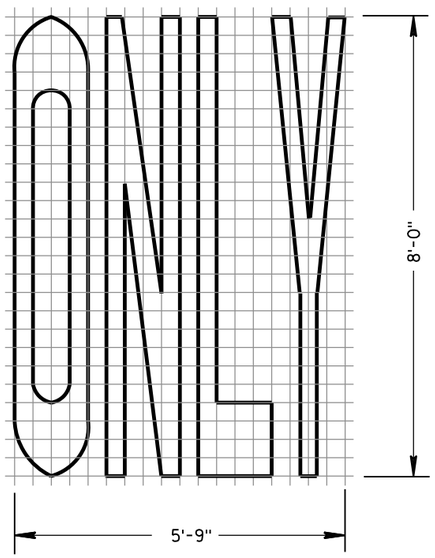
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

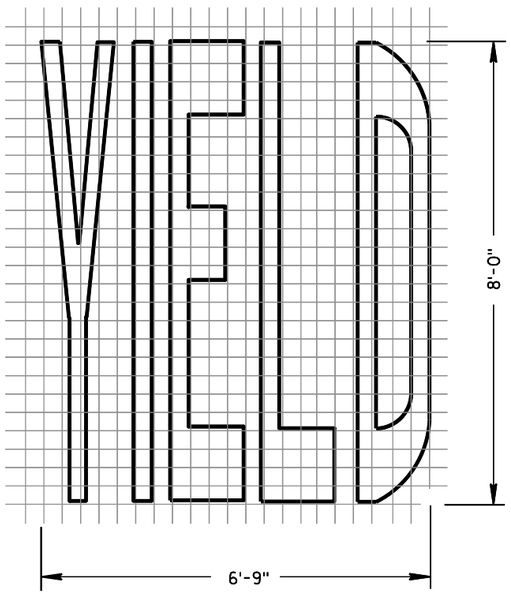


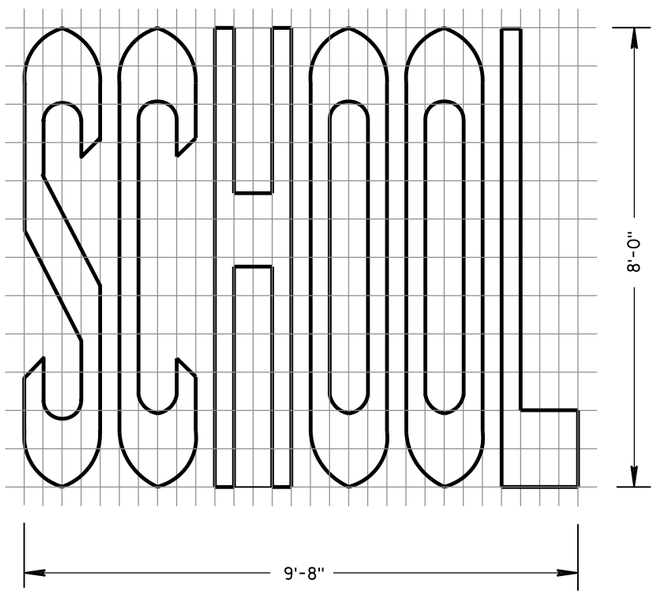




TWO-LANE







SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARK
359
EER
FHWA

6

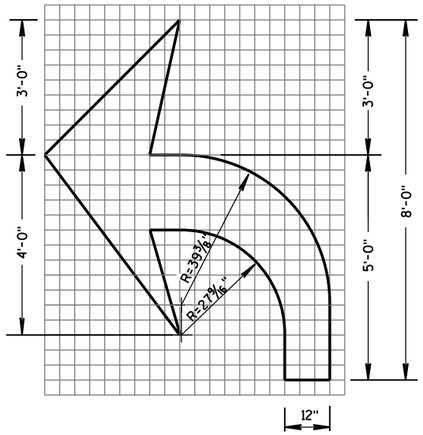
S.D.D. 15 C 7-14b

6

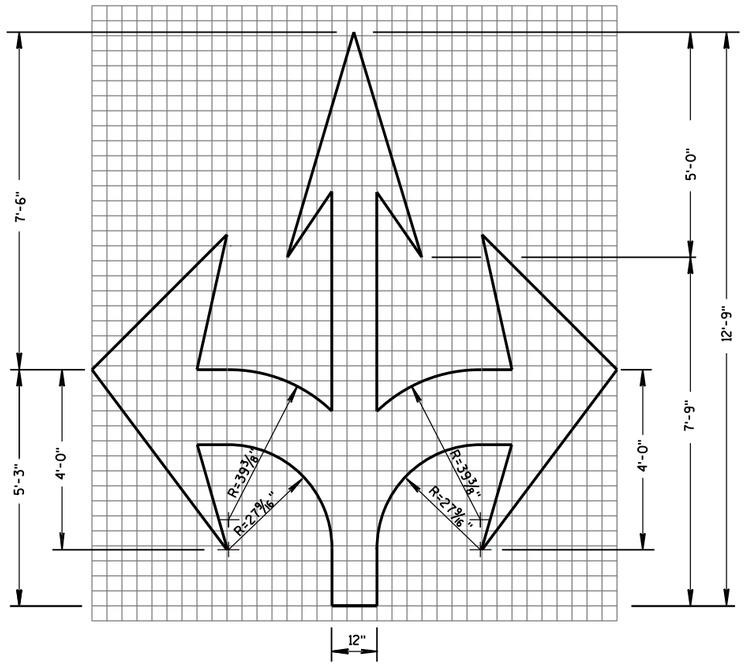
S.D.D. 15 C 7-14b

GENERAL NOTES

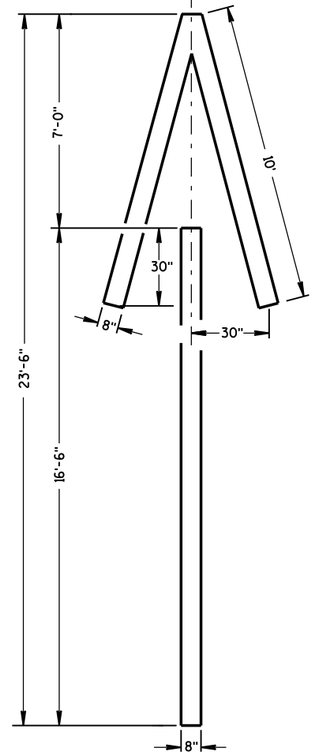
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



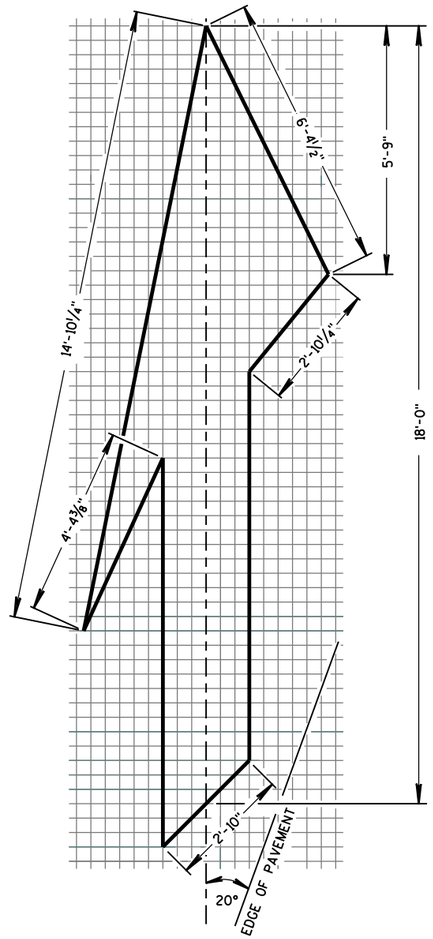
TYPE 2



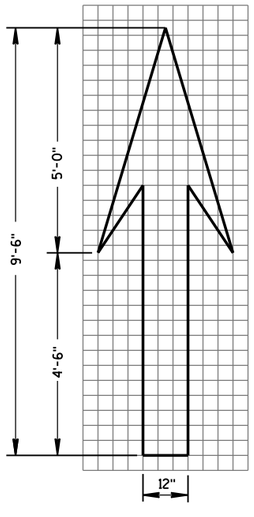
TYPE 6



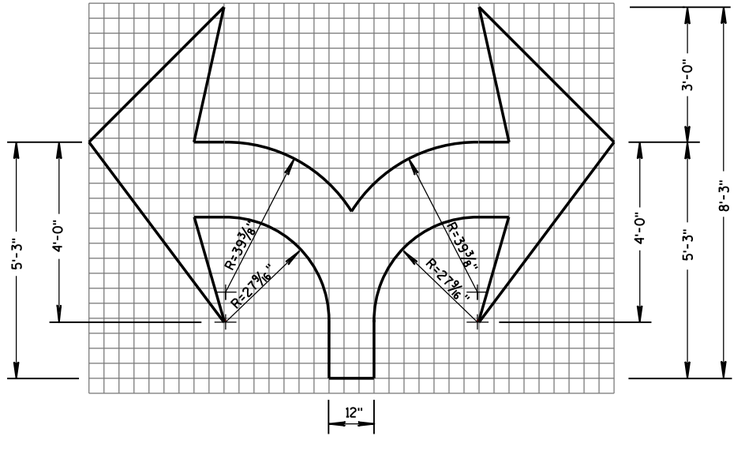
TYPE 4



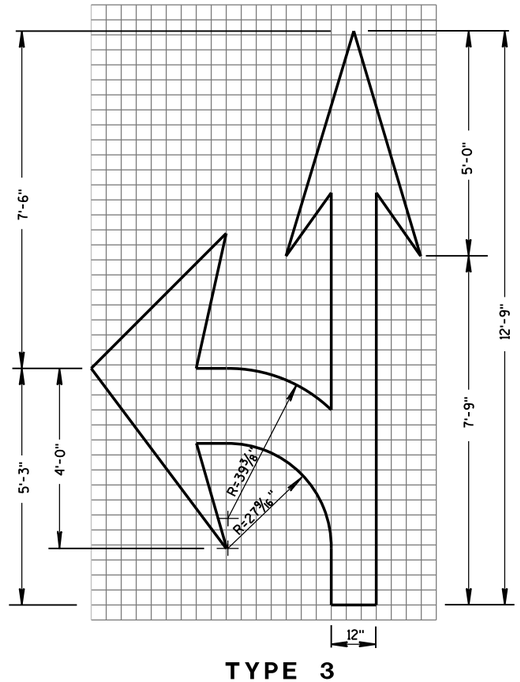
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

6

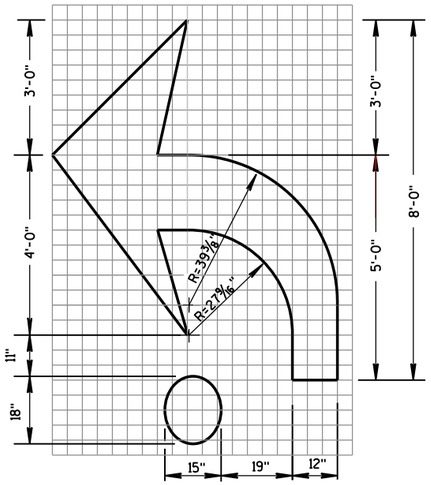
S.D.D. 15 C 7-14c

6

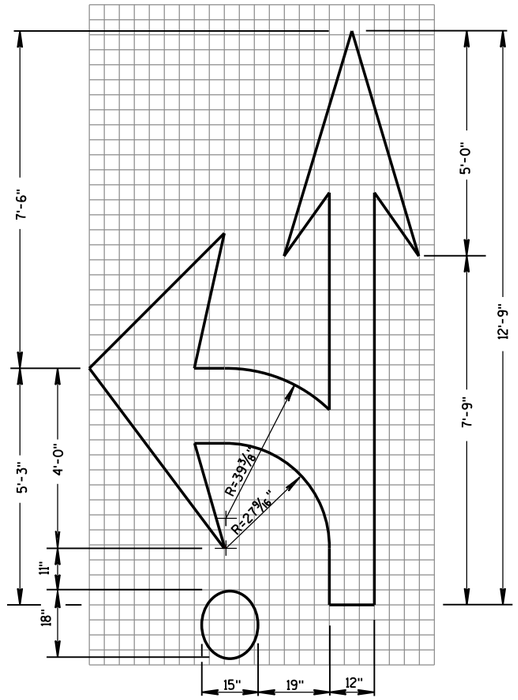
S.D.D. 15 C 7-14c

GENERAL NOTES

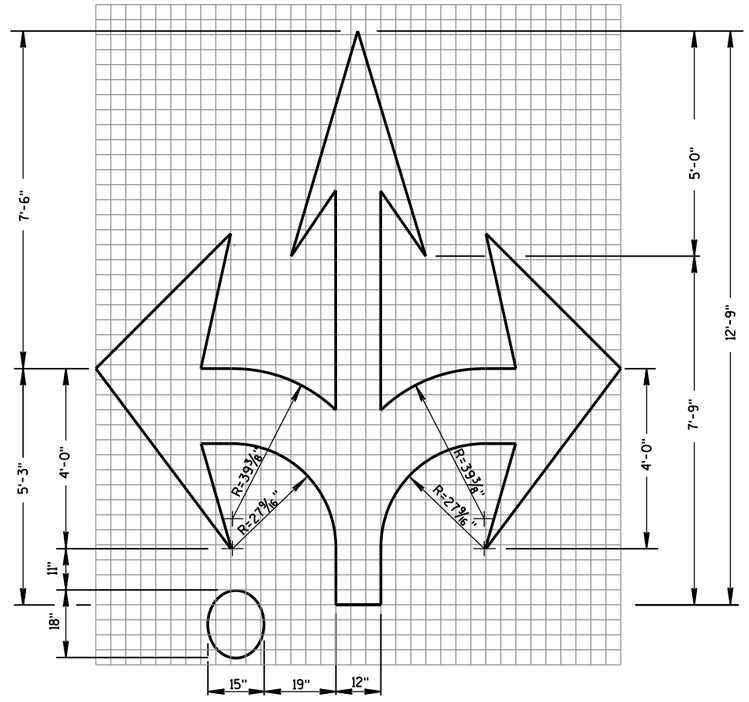
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



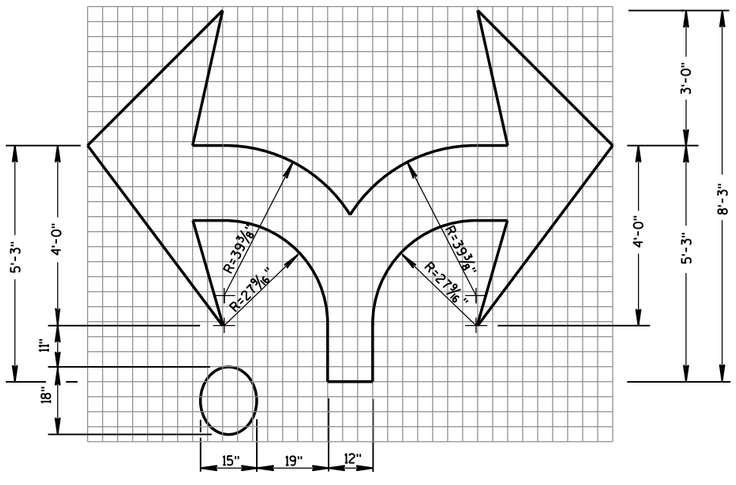
TYPE 2R



TYPE 3R



TYPE 6R



TYPE 7R

ROUNDABOUT ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

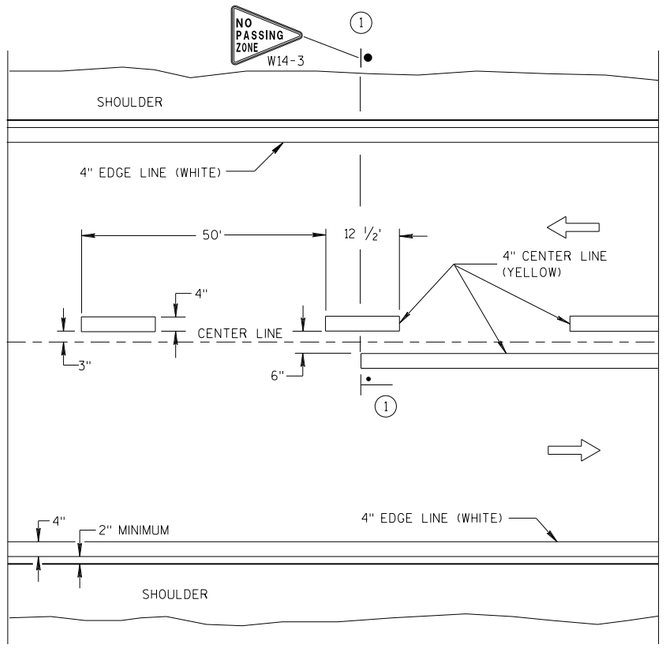
APPROVED
June 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR NEER

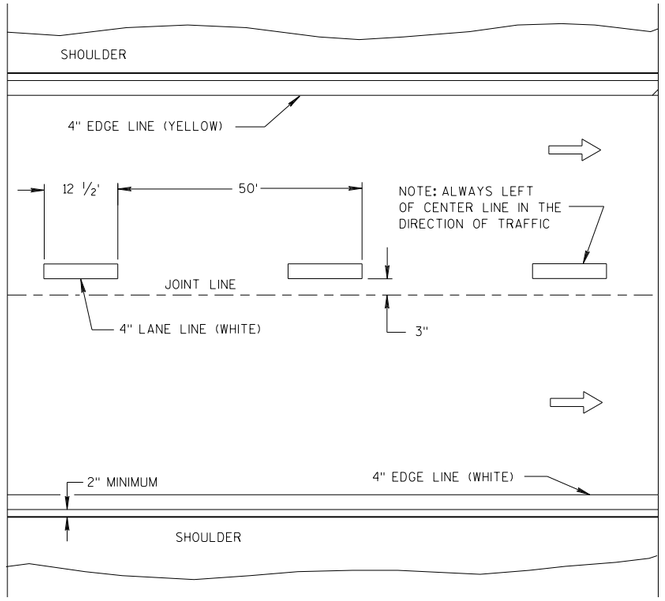
FHWA

6

S.D.D. 15 C 7-14d



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

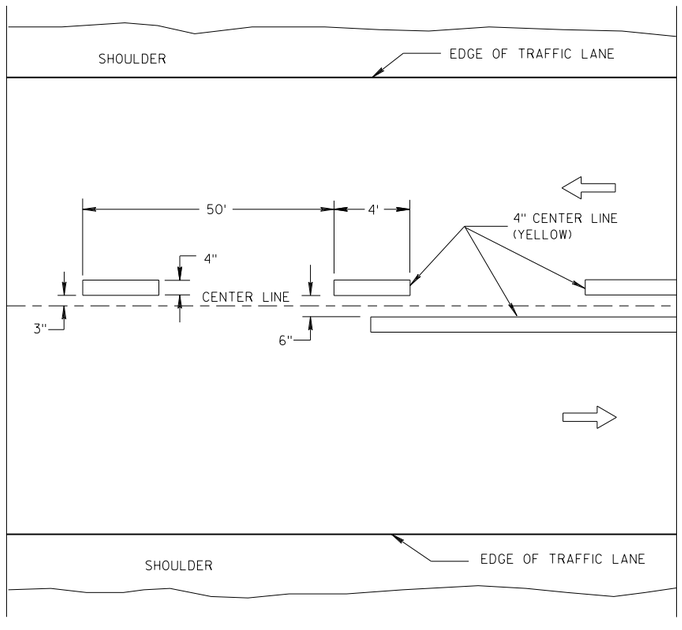
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

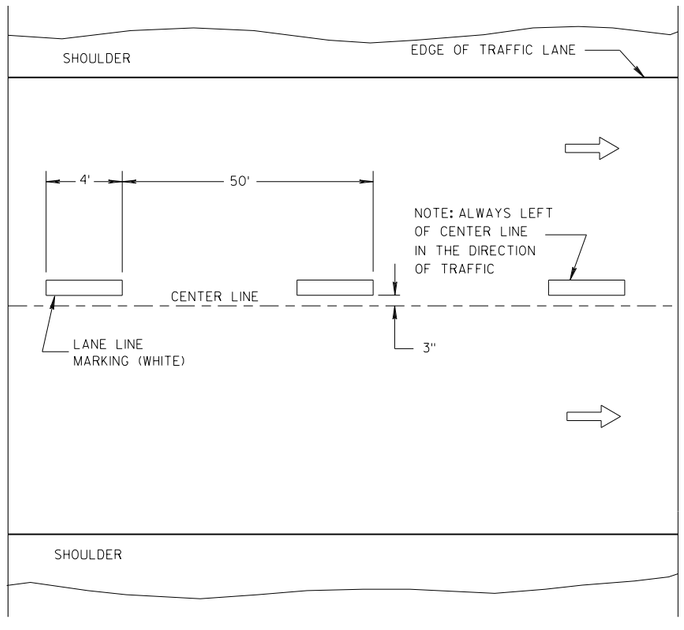
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/2018 — DATE

/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

S.D.D. 15 C 8-19a

6

S.D.D. 15 C 8-19a

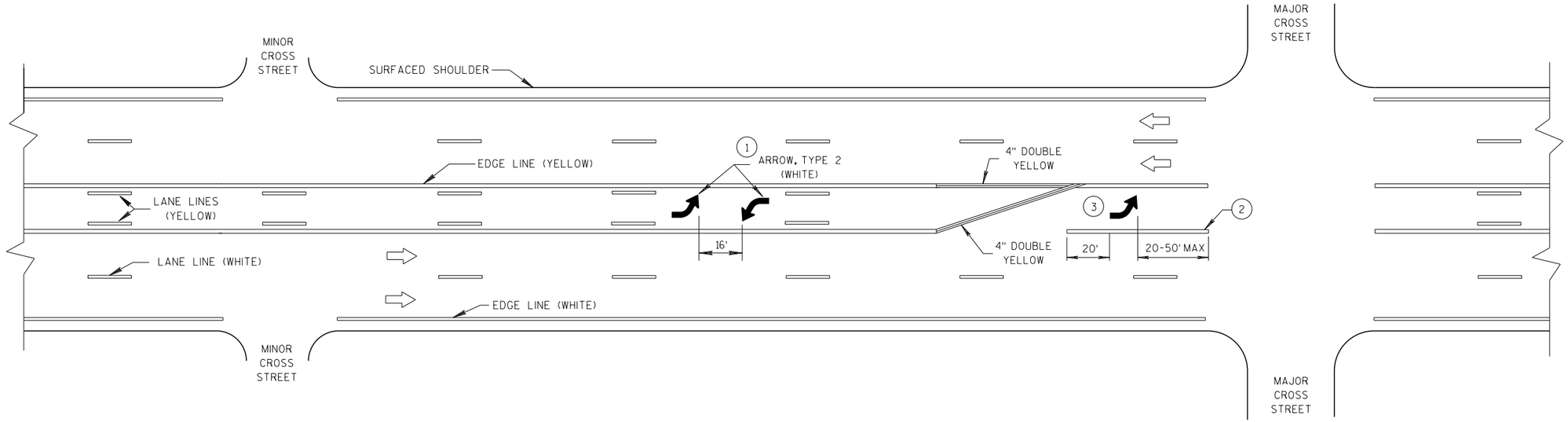
GENERAL NOTES

(1) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(2) 8" WHITE

(3) TURN BAY LENGTH OF LESS THAN 48'DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT

DIRECTION OF TRAFFIC



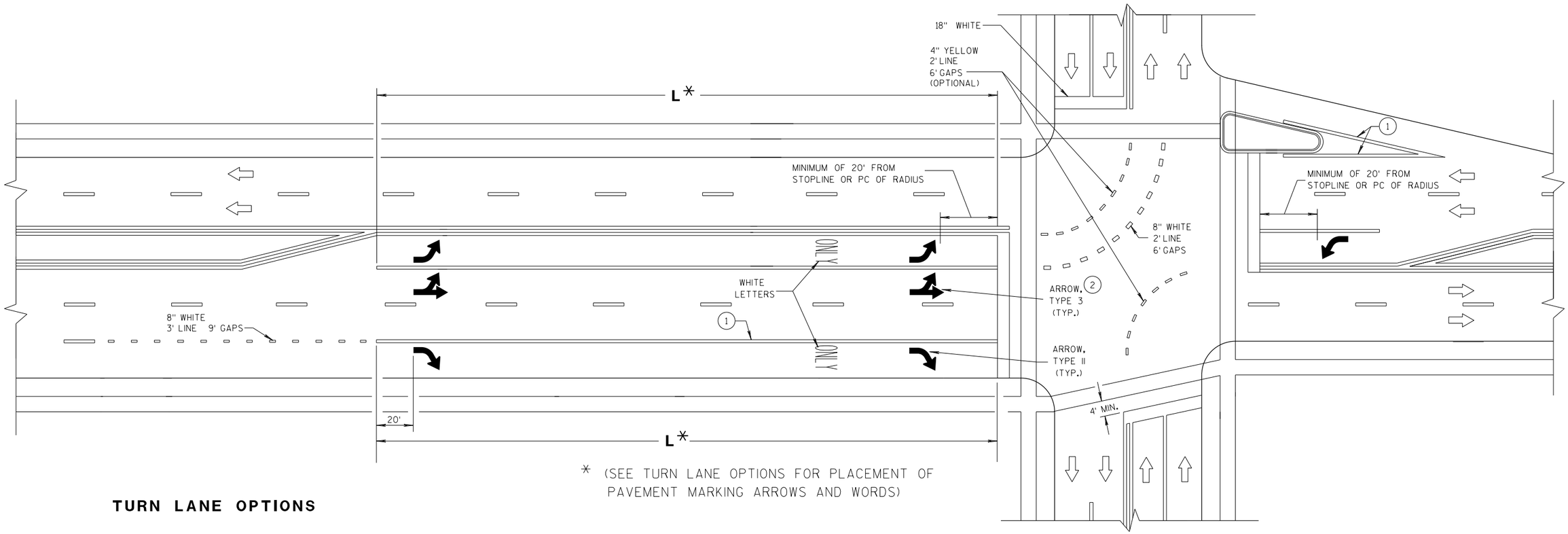
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

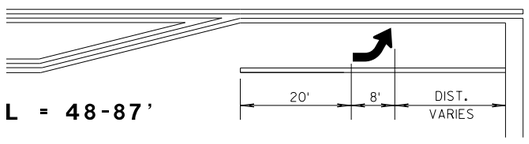
S.D.D. 15 C 8-19b



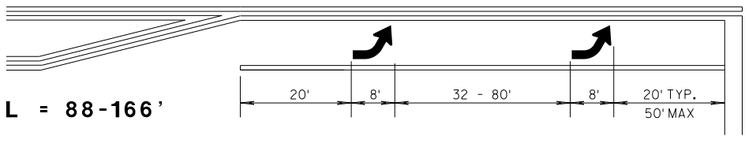
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

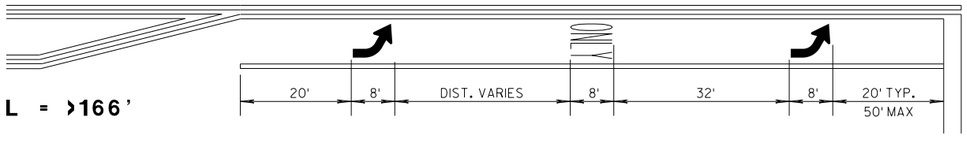
LENGTH OF TURN BAY (**L**) OF 0-47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48-87'



L = 88-166'



L = >166'

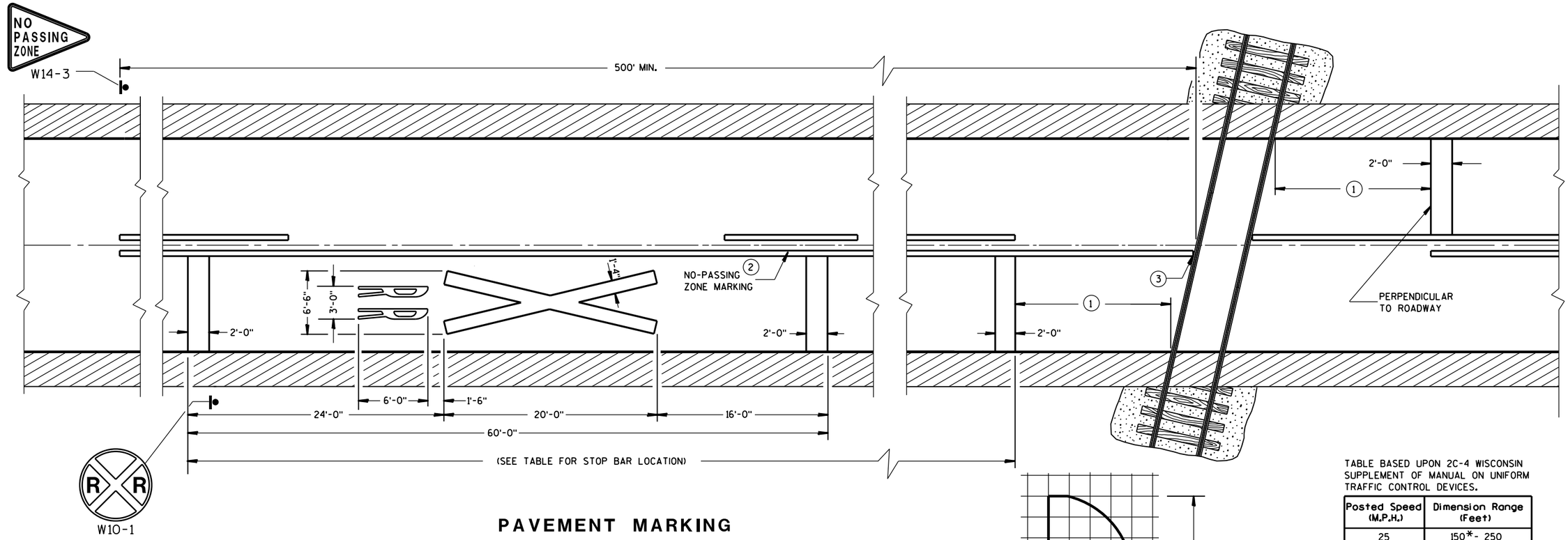
GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROW ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION, THE ARROWS AND ONLY MARKING ARE ELIMINATED.

⇨ DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)



PAVEMENT MARKING

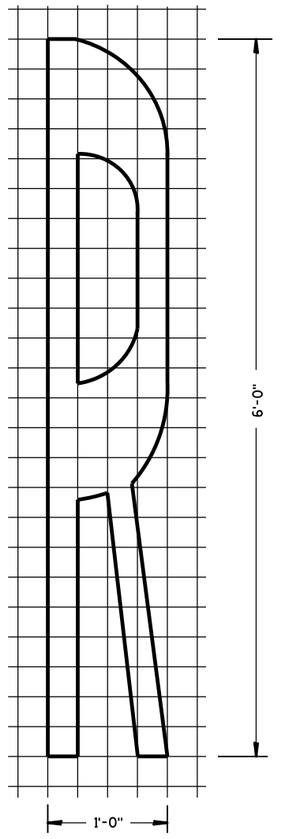


TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

Posted Speed (M.P.H.)	Dimension Range (Feet)
25	150*- 250
30	200*- 300
35	250*- 450
40	300*- 500
45	400*- 650
50	550*- 800
55	750*- 1000
60	1000*- 1250
65	1000*- 1250

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

RETRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNALS, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017 — DATE

/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

S.D.D. 15 C 9-11a

6

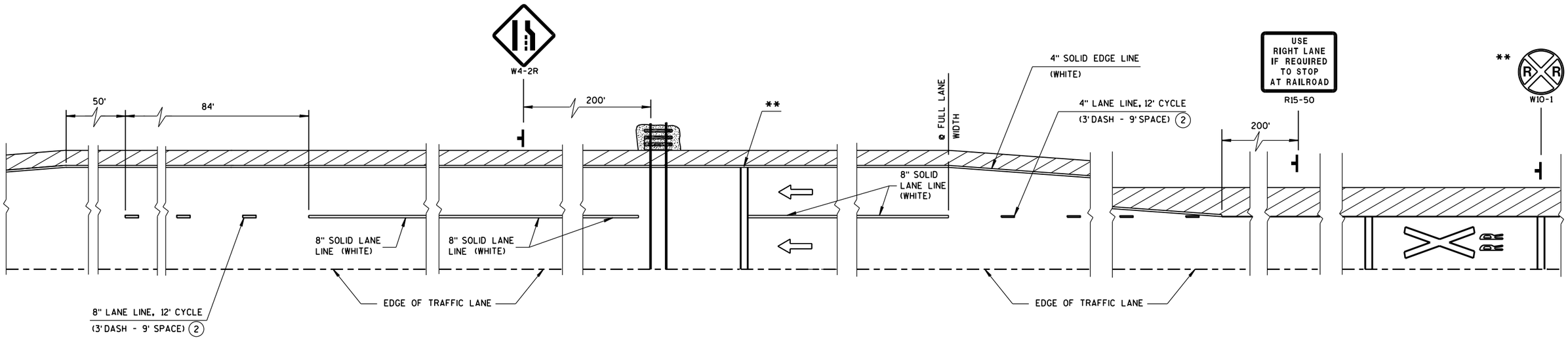
S.D.D. 15 C 9-11a

GENERAL NOTES

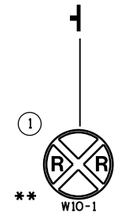
SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

(1) INSTALLED FOR EXPRESSWAYS.

(2) 3' LINE 9' GAP. EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.



DETAIL FOR TRUCK STOPPING LANE PAVEMENT MARKINGS



LEGEND

⇦ DIRECTION OF TRAFFIC FLOW

** SEE "SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSING" FOR LOCATION OF ADVANCE MARKINGS.

┼ POST MOUNTED SIGN

TRUCK STOPPING LANE PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
Sept., 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	

6

S.D.D. 15 C 9-11b

6

S.D.D. 15 C 9-11b

LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

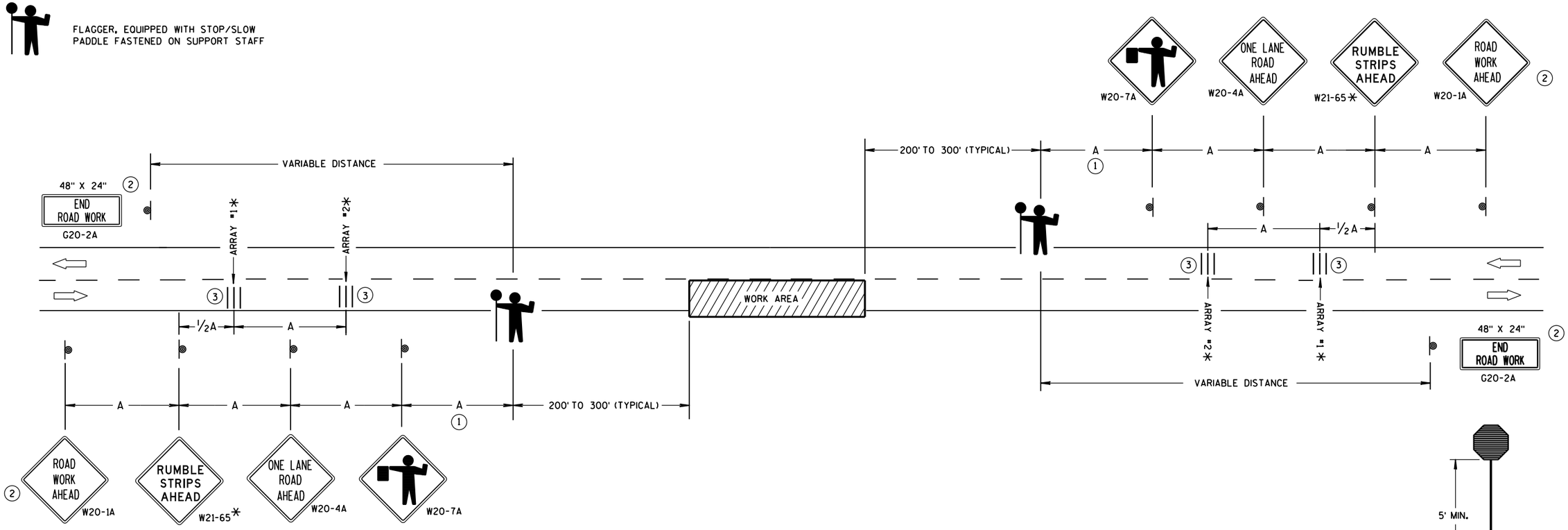
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING A
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

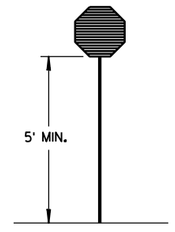


W03-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING A.



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION



STOP/SLOW PADDLE ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

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

WHEN A SIDE ROAD OR 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 APPROVED BY THE ENGINEER.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

(1) FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(3) EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

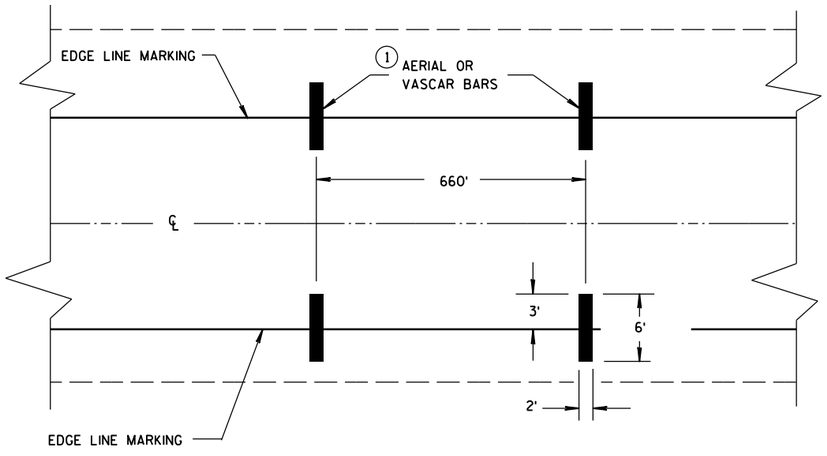
6

S.D.D. 15 C 12-6

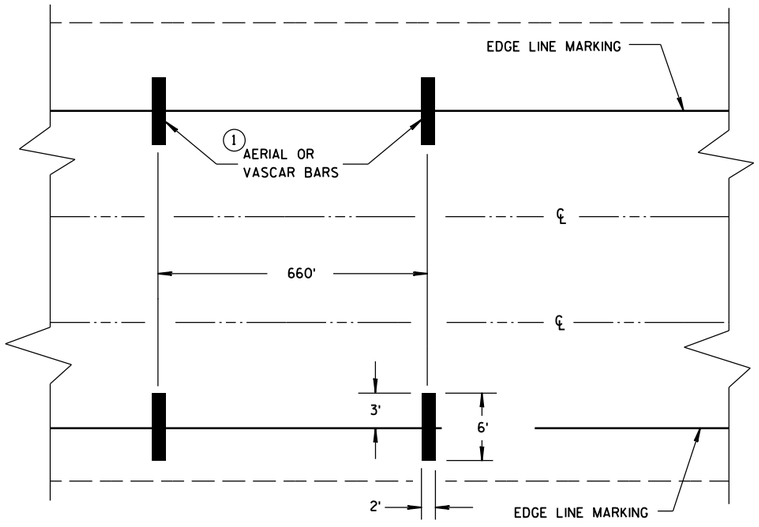
GENERAL NOTES

(1) PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

6

S.D.D. 15 C 14-3

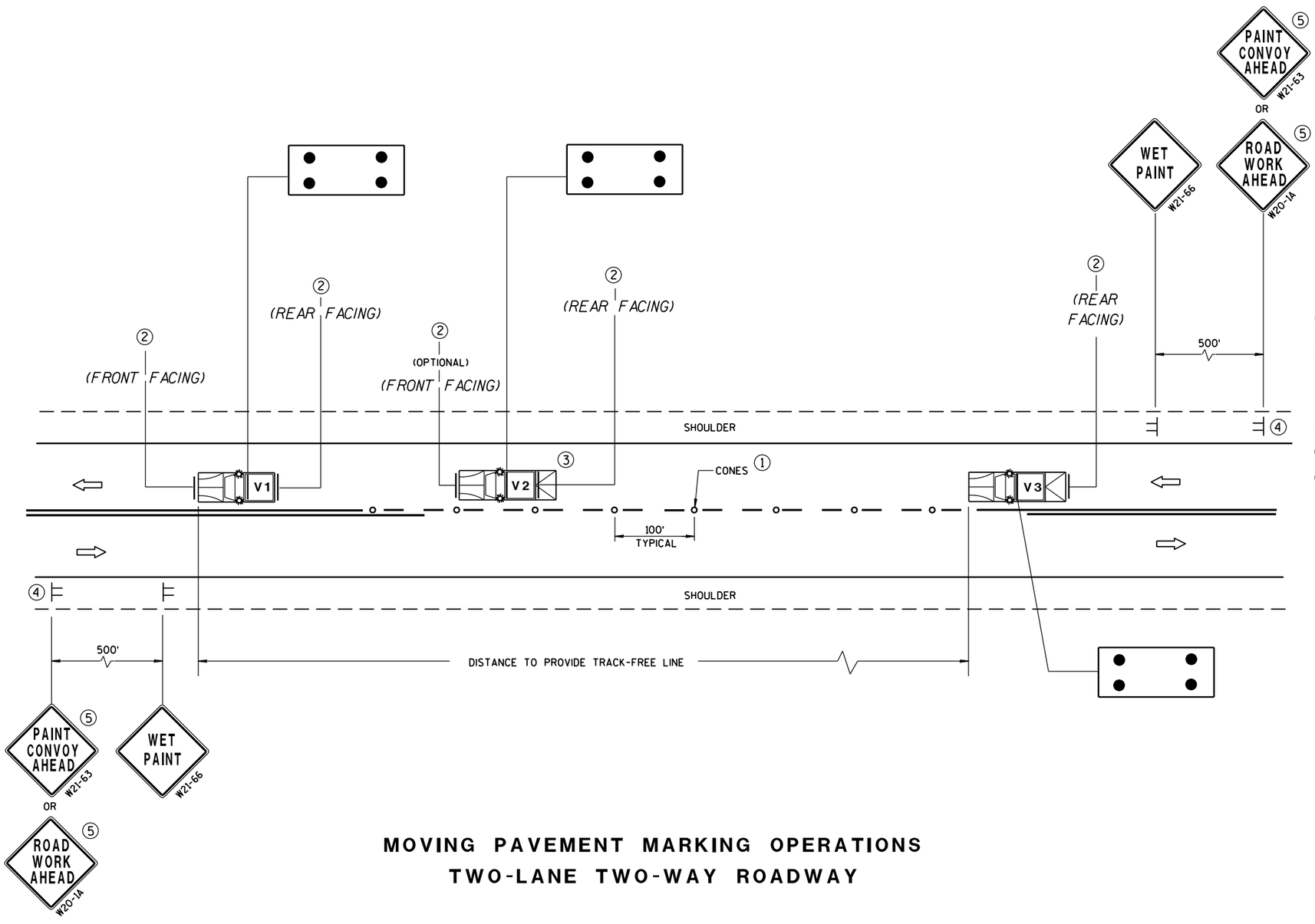
AERIAL ENFORCEMENT BARS
PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MAR[illegible]INEER
FHWA

6

S.D.D. 15 C 14-3



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC
	CONES
	FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

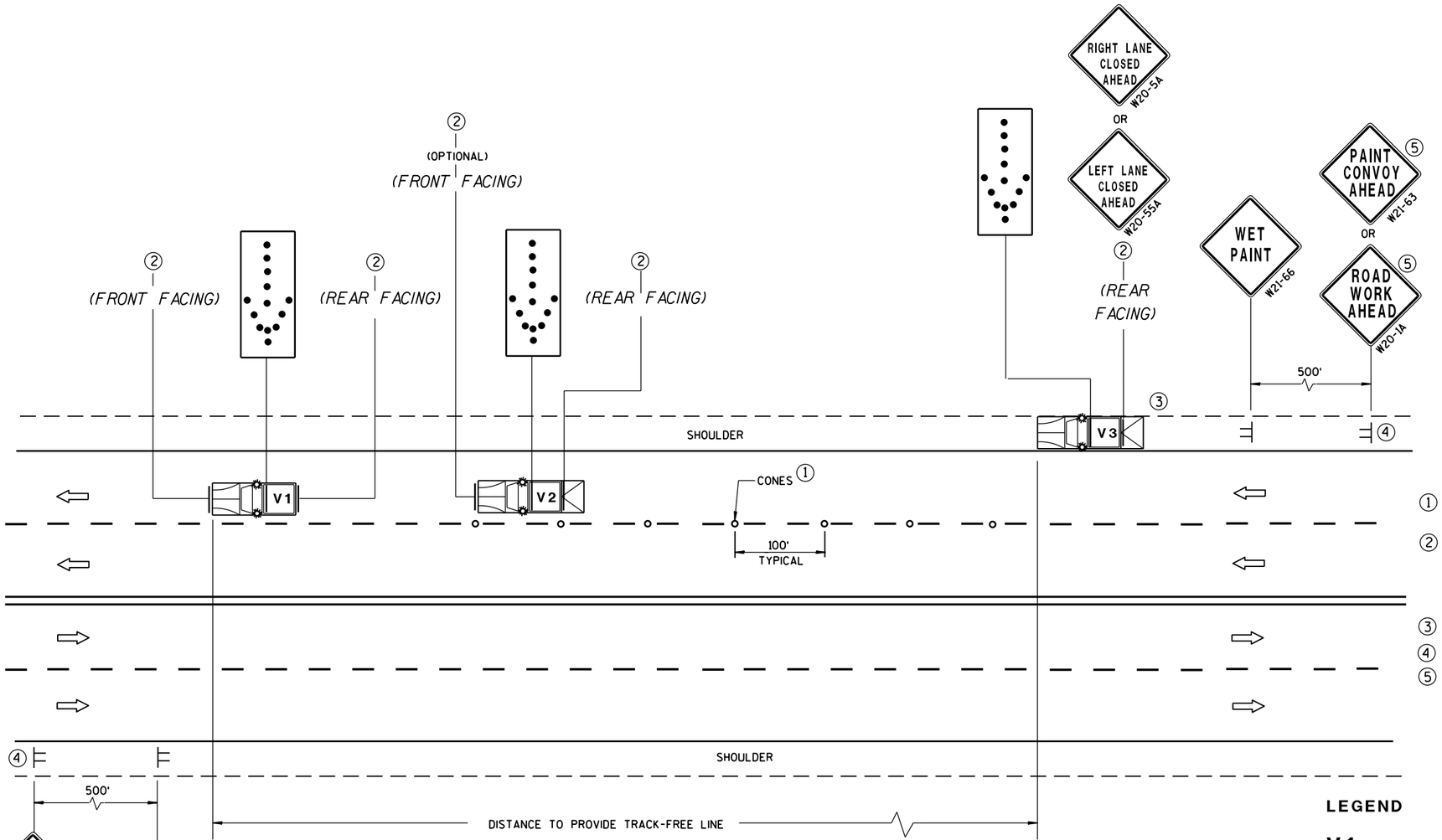
APPROVED
Sept., 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGR
FHWA

6

S.D.D. 15 C 19-5a

6

S.D.D. 15 C 19-5a



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC
	CONES
	FLASHING ARROW PANEL (MERGE)

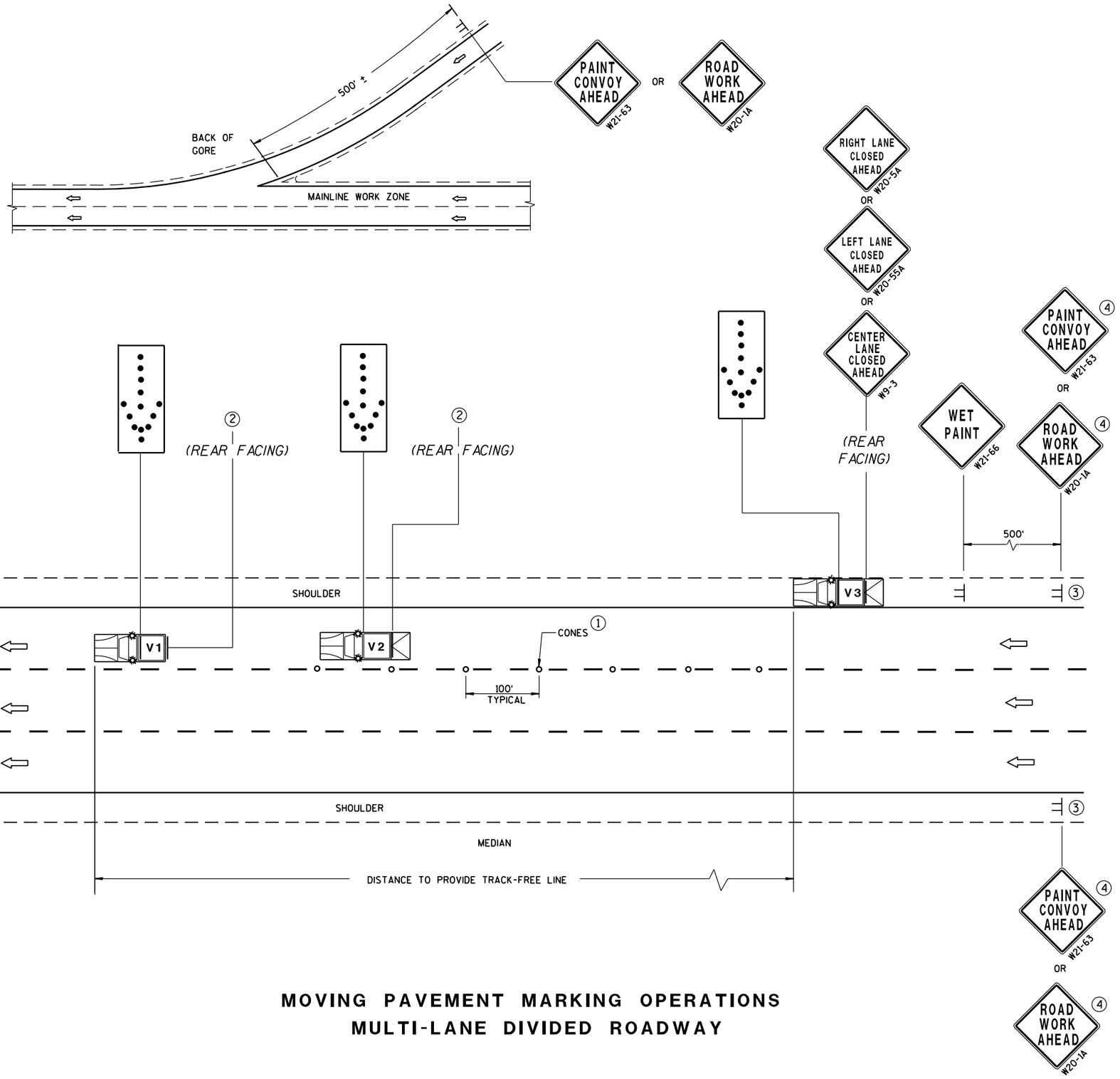
MOVING PAVEMENT MARKING OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGIN
FHWA

6

S.D.D. 15 C 19-5b



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE DIVIDED ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

THIS DRAWING SHALL BE USED FOR EDGELINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

③ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.

④ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC
	CONES
	FLASHING ARROW PANEL (MERGE)

MOVING PAVEMENT MARKING OPERATION
MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

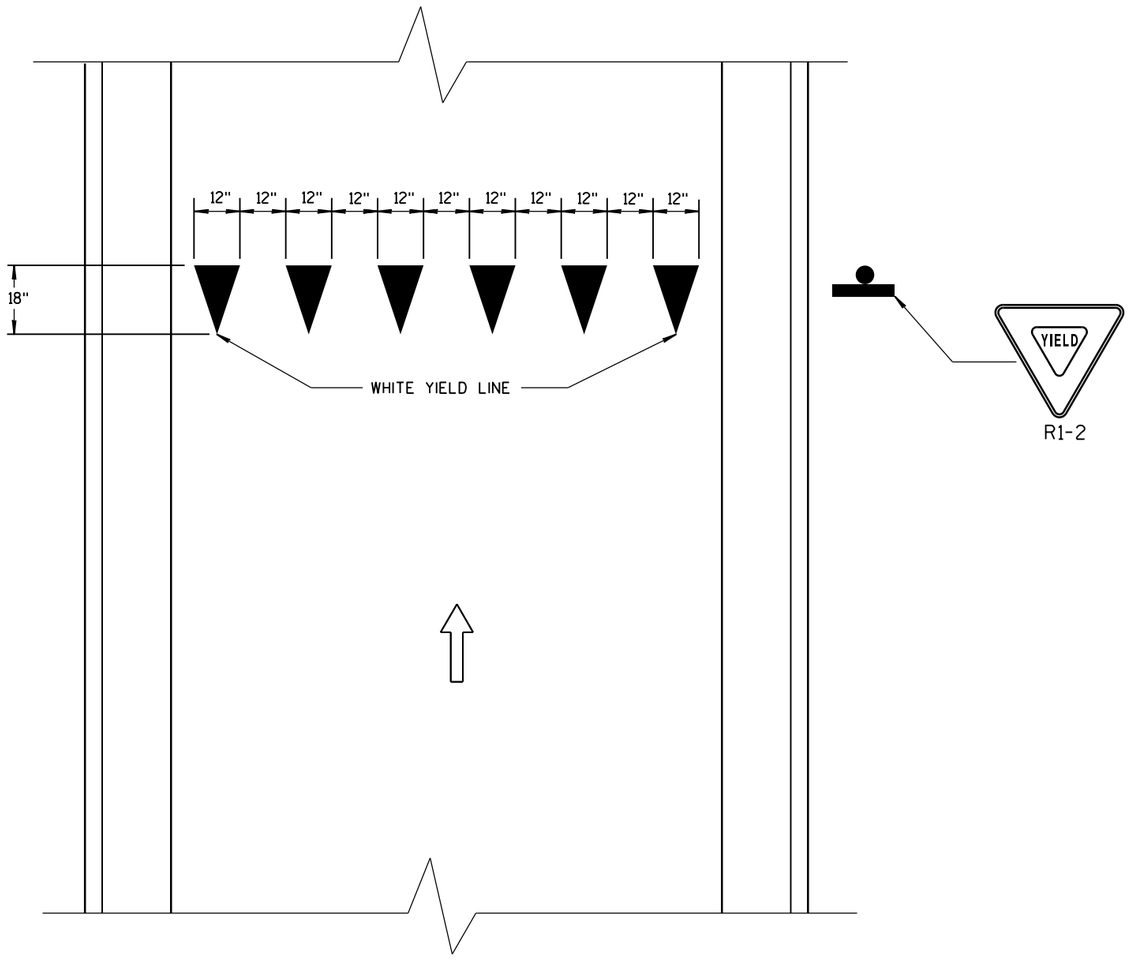
APPROVED
Sept. 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENGR
FHWA

6

S.D.D. 15 C 19-5c

6

S.D.D. 15 C 19-5c



R1-2



DIRECTION OF TRAVEL

YIELD LINE

6

6

S.D.D. 15 C 20-2

S.D.D. 15 C 20-2

YIELD MARKINGS

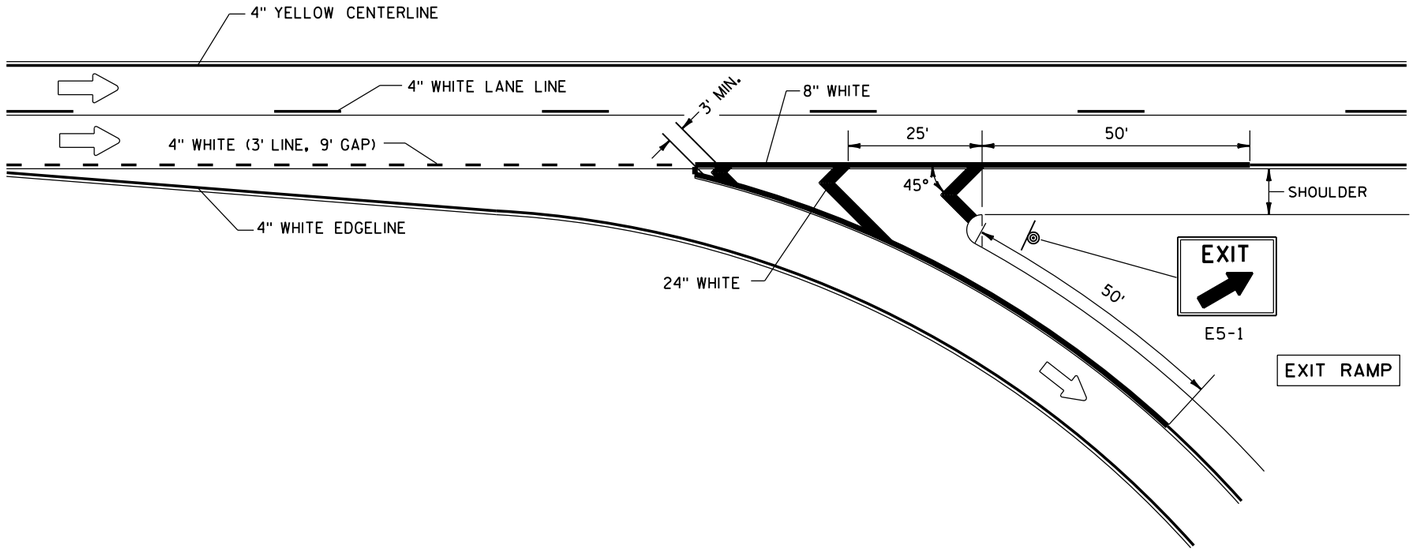
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARI 372 IEER

FHWA



PAVEMENT MARKING FOR EXIT RAMP

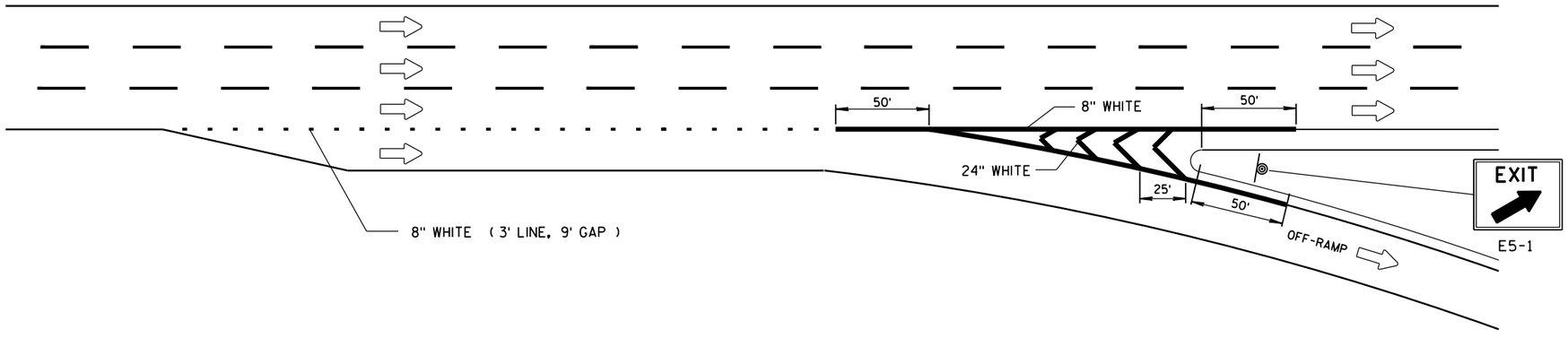
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

DIRECTION OF TRAVEL

SIGN ON PERMANENT SUPPORT



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

6

S.D.D. 15 C 31-3a

PAVEMENT MARKING (RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 15 C 31-3a

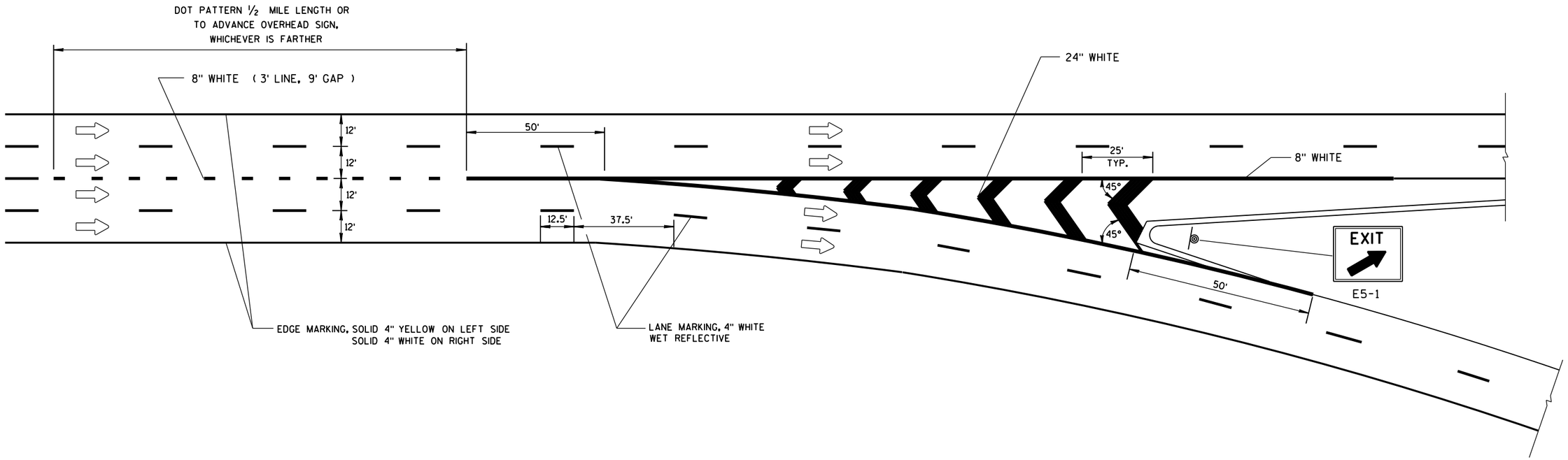
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

DIRECTION OF TRAVEL

SIGN ON PERMANENT SUPPORT



6

S.D.D. 15 C 31-3b

6

S.D.D. 15 C 31-3b

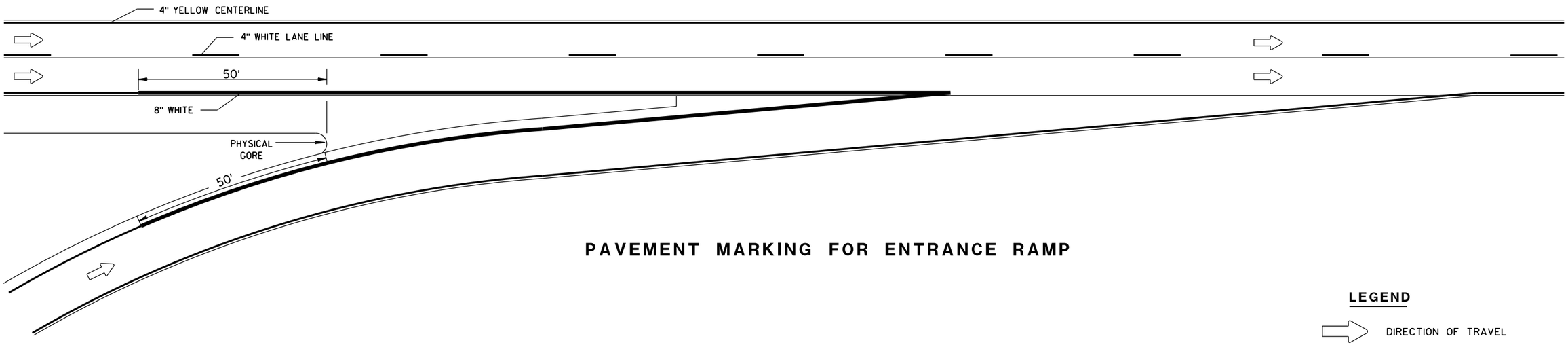
PAVEMENT MARKING
MAJOR SPLIT
FREEWAY TO FREEWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

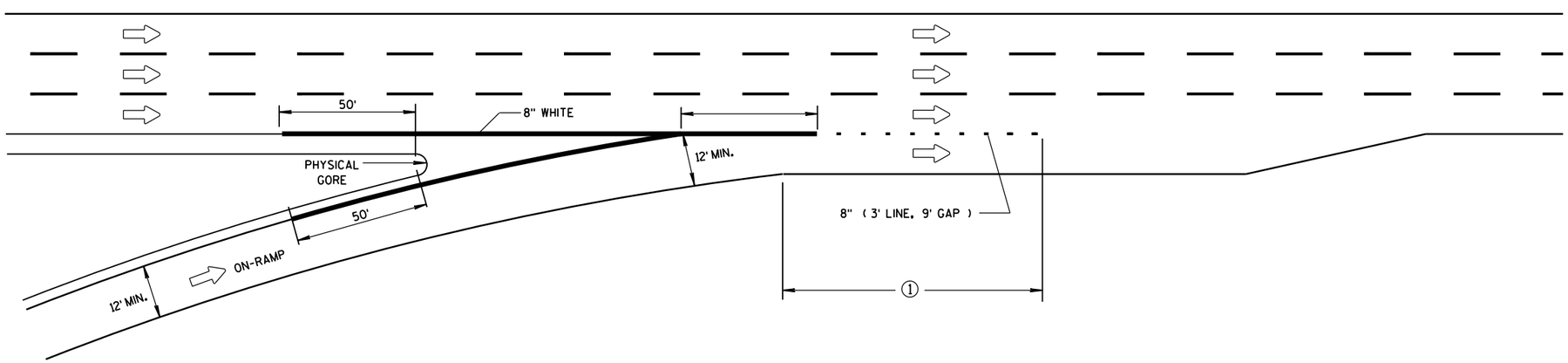
① ½ LENGTH OF FULL WIDTH ACCELERATION LANE.



PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP

PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept., 2017
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

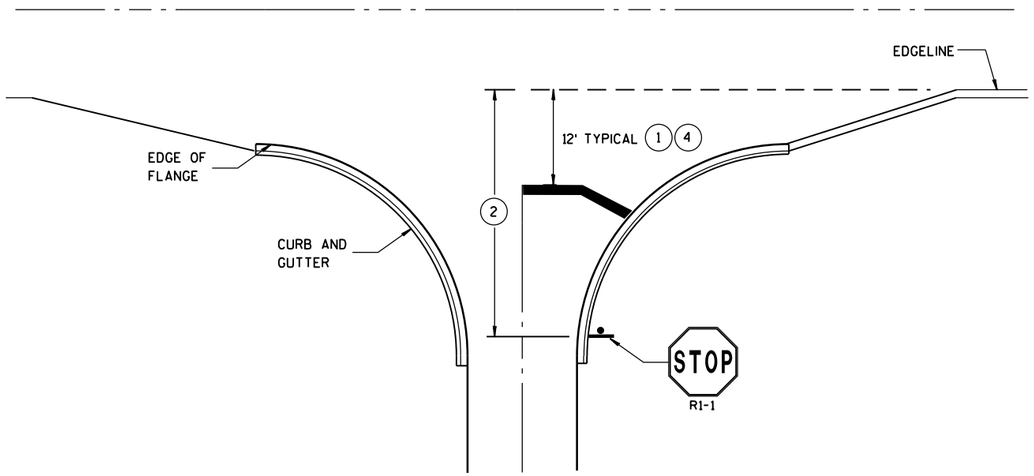
FHWA

6

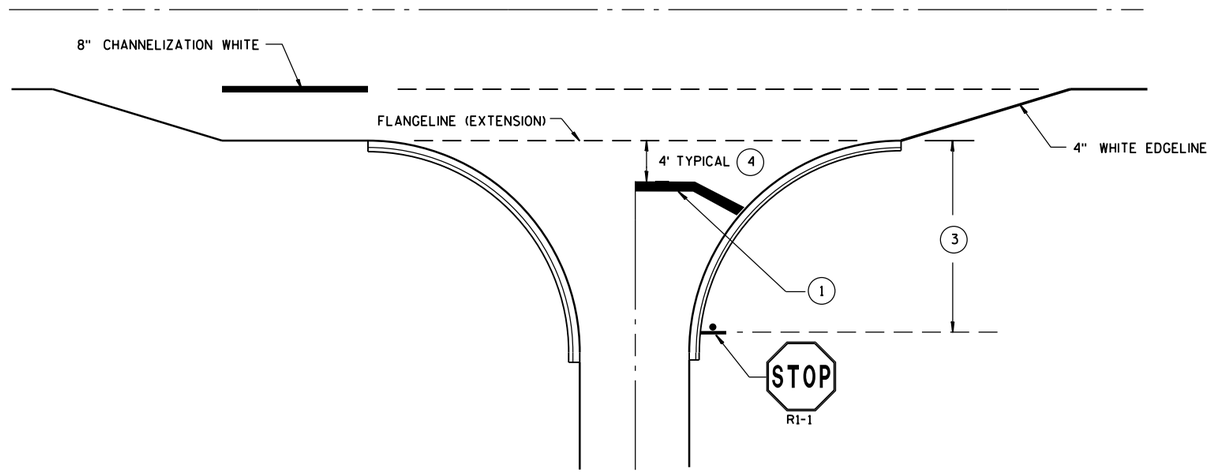
S.D.D. 15 C 31-3c

6

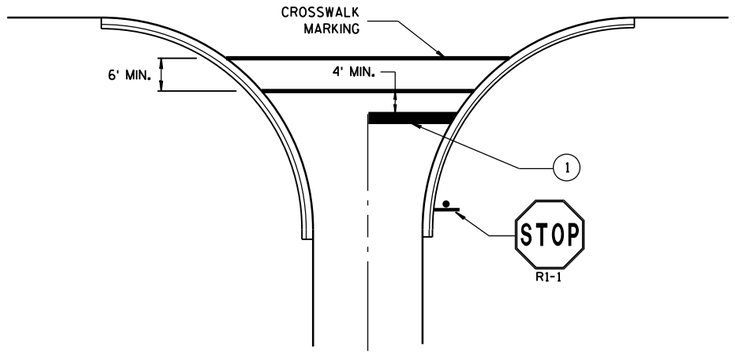
S.D.D. 15 C 31-3c



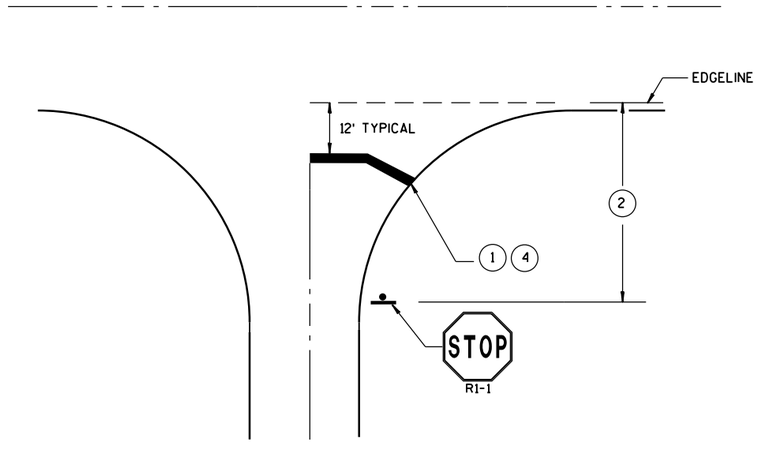
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

(1) 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.

(2) IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.

(3) IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.

(4) MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

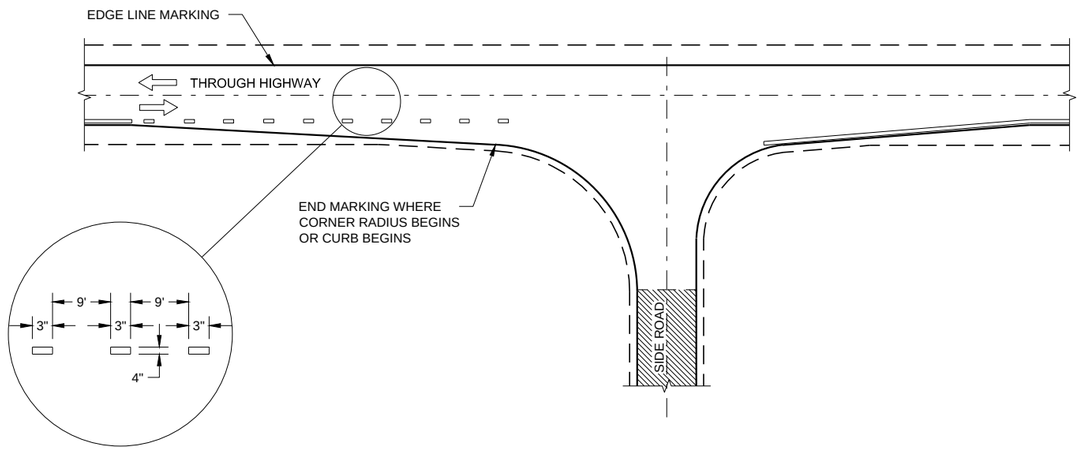
Sept., 2017 — DATE

/S/ Matthew R. Rauch — STATE SIGNING AND MAR[illegible]NEER

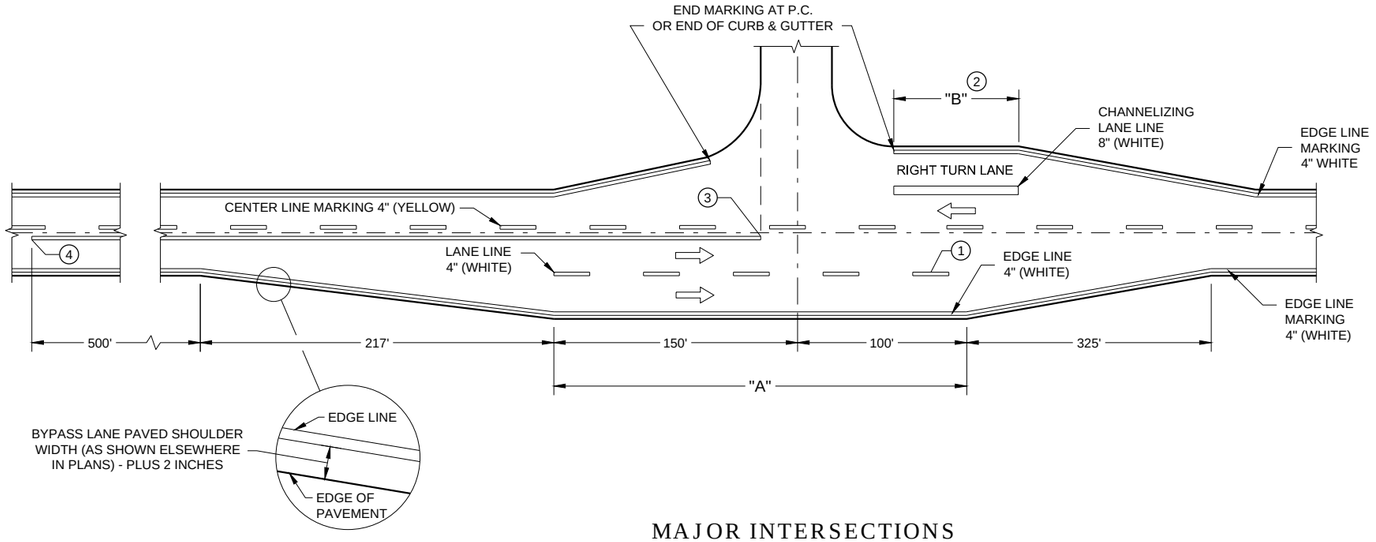
FHWA

6

S.D.D. 15 C 33-3



MINOR INTERSECTION



MAJOR INTERSECTIONS

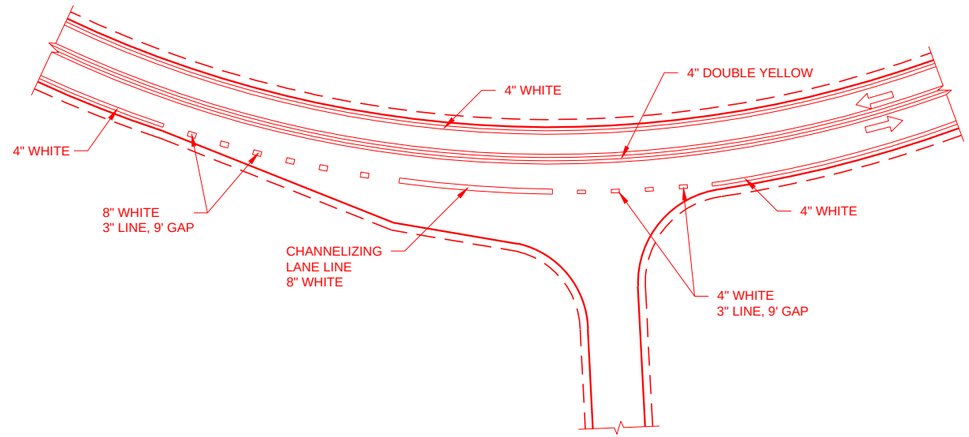
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

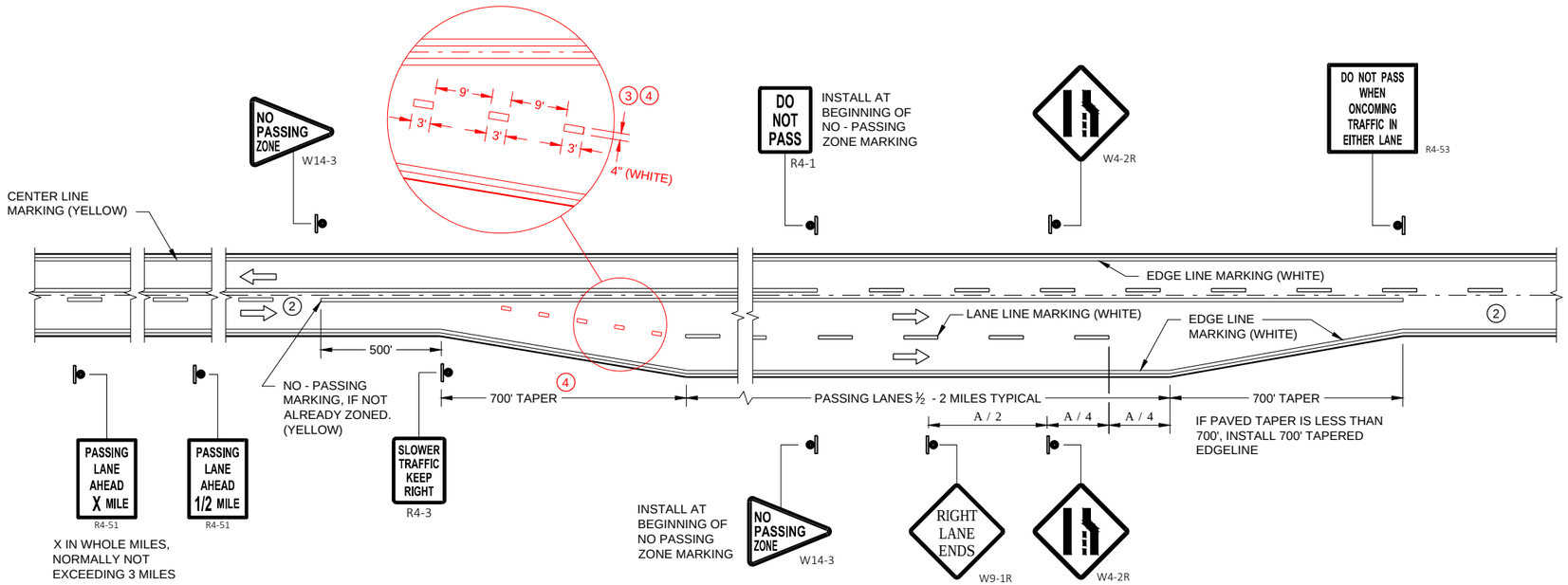
6

SDD 15C35 - 03a

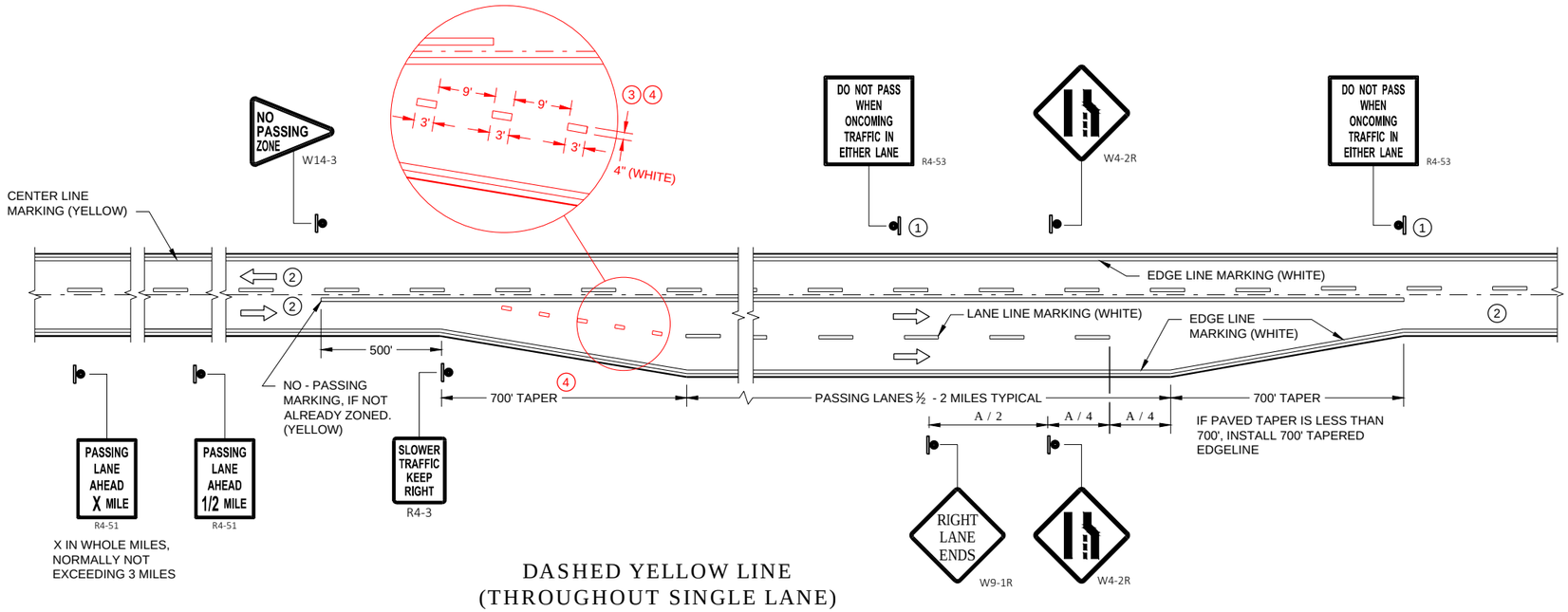
PAVEMENT MARKING
(INTERSECTIONS)

6

SDD 15C35 - 03a



SOLID DOUBLE - YELLOW LINE
(END OF SINGLE LANE)



DASHED YELLOW LINE
(THROUGHOUT SINGLE LANE)

GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBLING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	850
55	950

PAVEMNET MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
00-00-00 DATE
/S/ <AUTHOR> ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 15C35 - 03c

SDD 15C35 - 03c

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

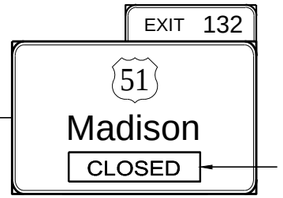
* W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

** PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



G20 - 60
108" X 24"

OR



G20 - 60
108" X 24"

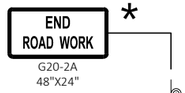
PLACE SIGN G20 - 60 OVER MILEAGE ON EXISTING E1 - 1A SIGN



COVER ARROW ON EXISTING E4 - 1 SIGN (COVERING SIGNS TYPE I)

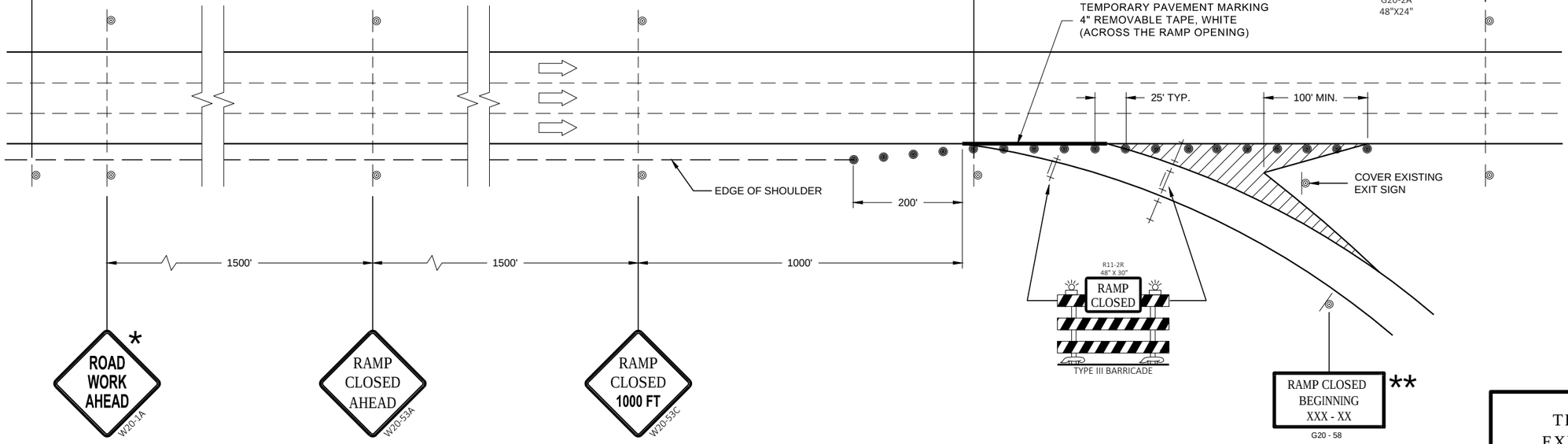
G20 - 61
120 ' X 30"

TEMPORARY PAVEMENT MARKING
4" REMOVABLE TAPE, WHITE
(ACROSS THE RAMP OPENING)



*

G20-2A
48"X24"



*

W20-1A

W20-53A

W20-53C

RAMP CLOSED
BEGINNING
XXX - XX

**

G20 - 58

OR

PCMS MESSAGING

FRAME 1	FRAME 2
RAMP TO CLOSE	XXXDAY XX XX XX

TRAFFIC CONTROL EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

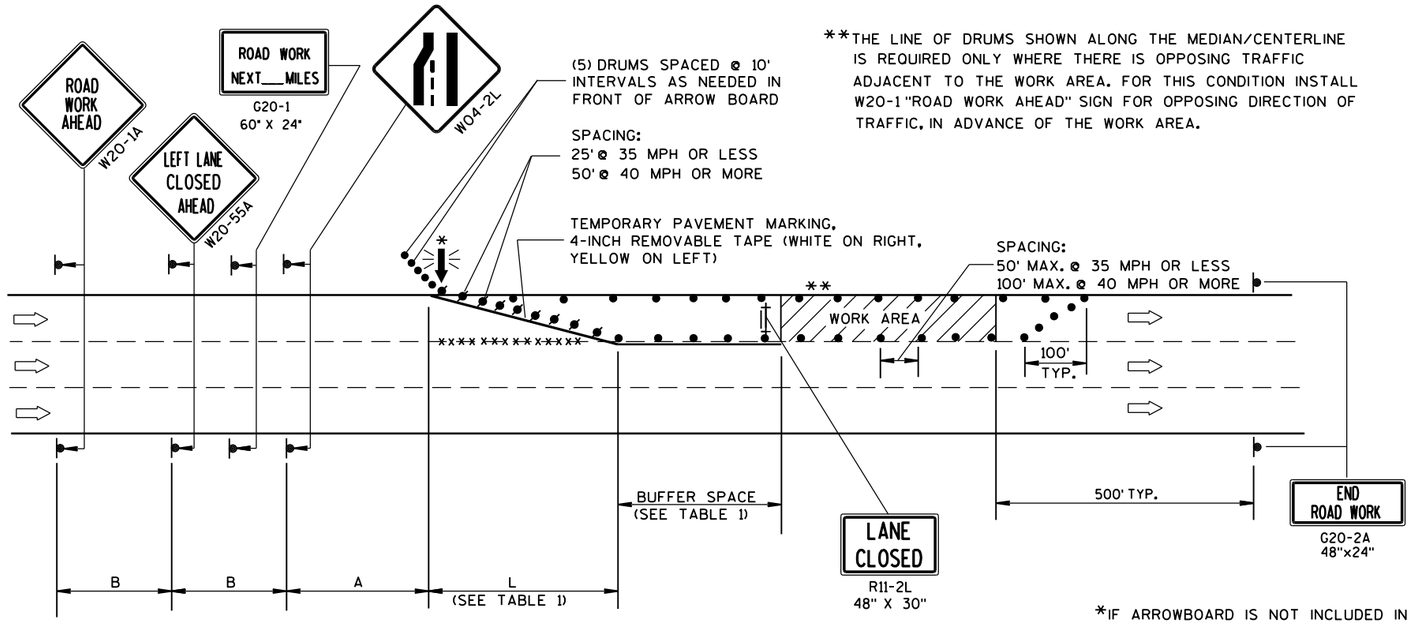
APPROVED
November 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D16 - 04



**THE LINE OF DRUMS SHOWN ALONG THE MEDIAN/CENTERLINE IS REQUIRED ONLY WHERE THERE IS OPPOSING TRAFFIC ADJACENT TO THE WORK AREA. FOR THIS CONDITION INSTALL W20-1 "ROAD WORK AHEAD" SIGN FOR OPPOSING DIRECTION OF TRAFFIC, IN ADVANCE OF THE WORK AREA.

B=400' AT 25-30 MPH
700' AT 35-40 MPH
1000' AT 45-55 MPH

A=200' AT 25-30 MPH
350' AT 35-40 MPH
500' AT 45-55 MPH

(PLACE BARRICADE AND SIGN APPROX. EVERY 1000' ACROSS THE CLOSED LANE)

*IF ARROWBOARD IS NOT INCLUDED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE A TYPE III BARRICADE WITH W01-6 SIGN IN THE LANE CLOSURE TAPER.

W01-6
48"x24"

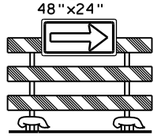


TABLE 1
TAPER AND BUFFER SPACE FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

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

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

PLACE THE ARROWBOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

6

S.D.D. 15 D 20-4

6

S.D.D. 15 D 20-4

TABLE 1
TAPER AND BUFFER SPACE
FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TRAFFIC CONTROL DRUM

FLASHING ARROW BOARD

DIRECTION OF TRAFFIC

REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

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

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

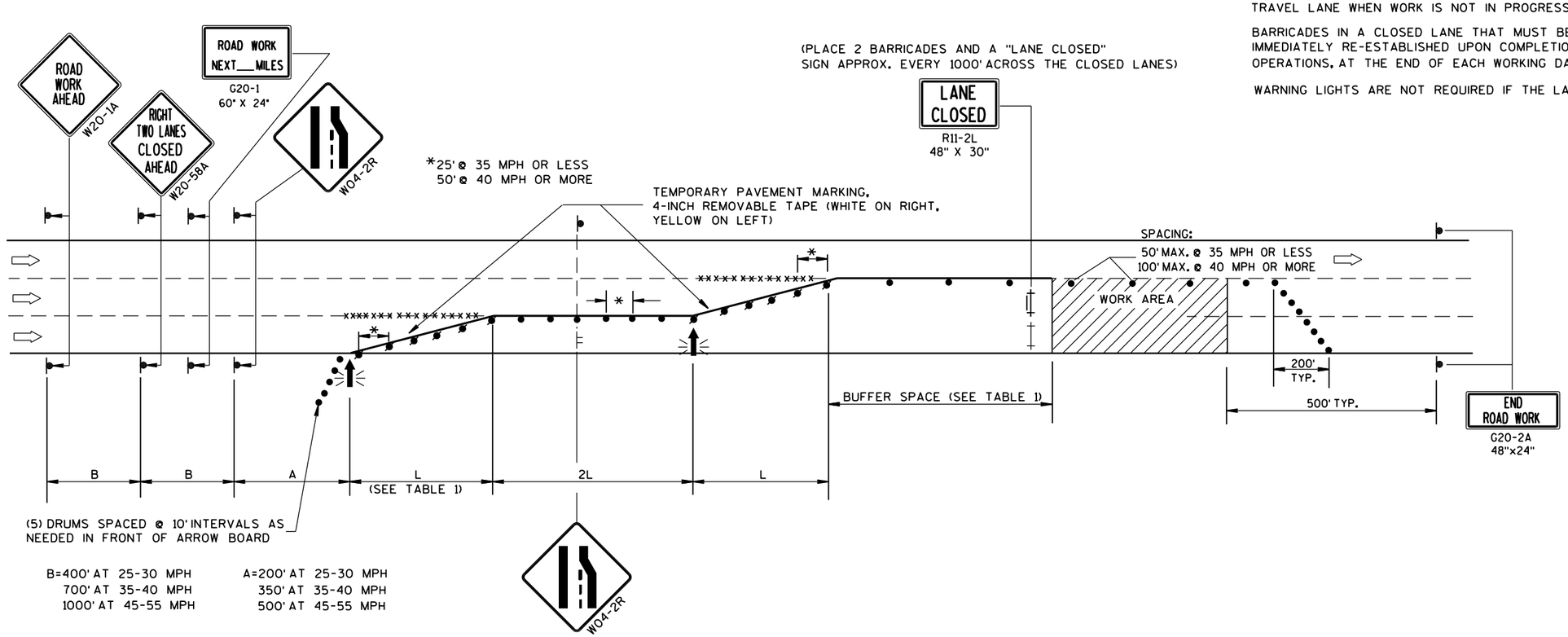
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO LOCATE THE ARROWBOARD AS SHOWN, PLACE THE ARROWBOARD IN THE LANE CLOSURE TAPER AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE TAPER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.



B=400' AT 25-30 MPH
700' AT 35-40 MPH
1000' AT 45-55 MPH

A=200' AT 25-30 MPH
350' AT 35-40 MPH
500' AT 45-55 MPH

TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

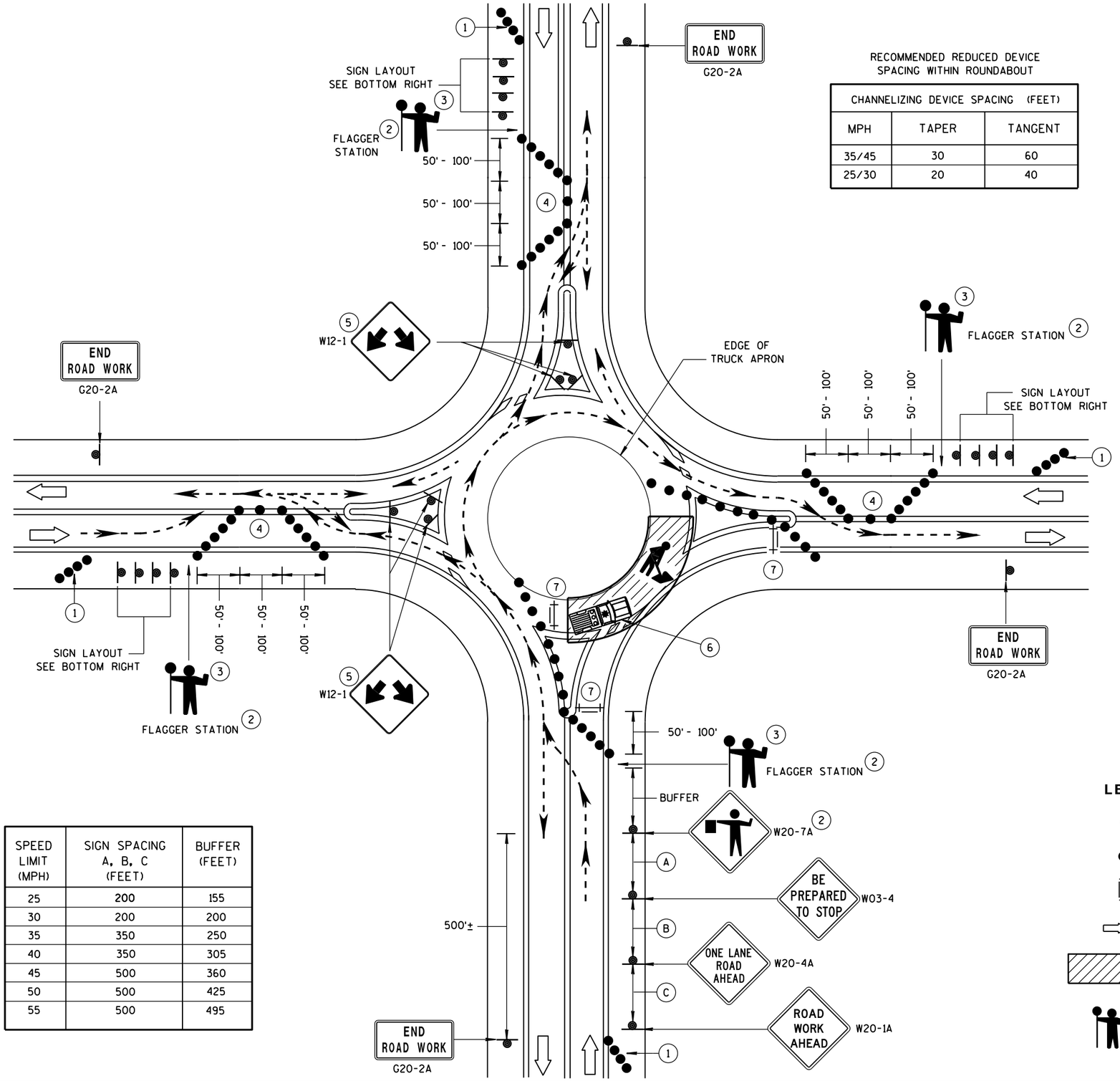
APPROVED
June 2016 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

6

S.D.D. 15 D 22-3

6

S.D.D. 15 D 22-3



RECOMMENDED REDUCED DEVICE SPACING WITHIN ROUNDABOUT

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35/45	30	60
25/30	20	40

SPEED LIMIT (MPH)	SIGN SPACING A, B, C (FEET)	BUFFER (FEET)
25	200	155
30	200	200
35	350	250
40	350	305
45	500	360
50	500	425
55	500	495

GENERAL NOTES

ALL SIGNS ARE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48"X48" SIGNS IF APPROVED BY THE ENGINEER.

REMOVE OR COVER CONFLICTING SIGNS.

THE EXACT LOCATION AND PLACEMENT OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME.

FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER.

RADIO COMMUNICATION SHALL BE USED BY ALL FLAGGERS.

NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S).

(1) PLACE A MINIMUM OF 4 DRUMS ON THE SHOULDER IN ADVANCE OF THE PCMS IN A TAPER FOR DELINEATION ON ALL APPROACHES TO THE ROUNDABOUT.

(2) ESTABLISH THE LIMITS OF THE WORK ZONE TO ENSURE THE MAXIMUM POSSIBLE SIGHT DISTANCE TO THE FLAGGER STATION.

(3) FLAGGERS SHALL BE IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

(4) ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.

(5) GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (W12-1) SIGN.

(6) BUFFER VEHICLE RECOMMENDED TO SHEILD WORK AREA.

(7) TYPE III BARRICADES WITH ROAD CLOSED SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

TRAFFIC CONTROL, 2-LANE ROUNDABOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

6

S.D.D. 15 D 37-2

6

S.D.D. 15 D 37-2

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov