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WITH:	PROJECT ID:	
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FED 2010	
ORDER OF SHEETS	

Section No. 1 Typical Sections and Details Estimate of Quantities Miscellaneous Quantities Section No. 4 Right of Way Plat Section No. 5 Plan and Profile Section No. 6 Standard Detail Drawings Section No. 7 Sign Plates

Section No. 8 Structure Plans Section No. 9 Computer Earthwork Data Section No. 9 Cross Sections

TOTAL SHEETS = 292

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

FEDERAL PROJECT STATE PROJECT PROJECT CONTRACT 2440-12-60

END PROJECT

ID 2440-12-60 STA 201+00

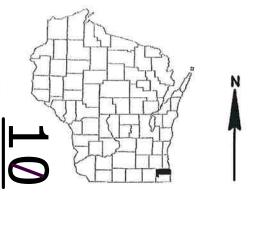
WASHINGTON AVE, CITY OF RACINE

WEST BLVD TO MARQUETTE STREET

STH 20

RACINE COUNTY

STATE PROJECT NUMBER



DESIGN DESIGNATION

A.A.D.T. 2018 = 21,900 A.A.D.T. 2028 = 23,500 D.H.V. D.D. = 58/42 Τ. = 4.3%

DESIGN SPEED = 25 (West Blvd to Deanne); 30 (Deanne to Taylor); 25 (Taylor to 9th) **ESALS**

CONVENTIONAL SYMBOLS

PLAN PROFILE GRADE LINE CORPORATE LIMITS ORIGINAL GROUND PROPERTY LINE MARSH OR ROCK PROFILE LOT LINE (To be noted as such) LIMITED HIGHWAY EASEMENT SPECIAL DITCH EXISTING RIGHT OF WAY **GRADE ELEVATION** PROPOSED OR NEW R/W LINE CULVERT (Profile View) SLOPE INTERCEPT UTILITIES REFERENCE LINE ELECTRIC EXISTING CULVERT FIBER OPTIC PROPOSED CULVERT SANITARY SEWER COMBUSTIBLE FLUIDS STORM SEWER TELEPHONE WATER MARSH AREA UTILITY PEDESTAL POWER POLE WOODED OR SHRUB AREA TELEPHONE POLE

2440-12-60 ID 2440-12-60 STA 114+93 X=631300,833 R-22-E Y=182726,206 R-23-E Point North Bay EXCEPTION TO NET & LENGTH STA 162+1L31 - STA 163+51.41 TILLE Elmwood Lake Michigan

BEGIN PROJECT

LAYOUT SCALE TOTAL NET LENGTH OF CENTERLINE = 1.648 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAOB3 (2007), IN U.S. SURVEY FEET. ELEVATIONS ARE BASED ON NAVDBB (2007). VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ACCEPTED FOR (Signature & Title of Official) STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PREPARED BY Surveyor R. MARTINEZ, M. VILLACA Designer Protect Manager STEVE CHOJNACKI Regional Examiner

ORDER OF SHEETS

CONSTRUCTION DETAILS

PLAN DETAILS

STORM & SANITARY SEWER

PERMANENT SIGNING

PAVEMENT MARKING

TRAFFIC CONTROL

DETOUR PLAN

MISCELLANEOUS QUANTITIES

THE CONTRACTOR SHALL NOTIFIY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

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

EXISTING DRIVEWAY AND ENTRANCE SURFACES SHALL BE RESTORED IN-KIND AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR WILL MAINTAIN ACCESS TO ALL DRIVEWAYS AND BUSINESSES AT ALL TIMES.

THE CONTRACTOR SHALL PLACE ALL TRAFFIC CONTROL DEVICES PRIOR TO BEGINNING ANY WORK ON THE ROADWA'

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

IF AN EXISTING SIGN IS TO BE REMOVED AND REPLACED WITH A NEW SIGN, DO NOT REMOVE THE EXISTING SIGN PRIOR TO INSTALLATION OF THE NEW SIGN.

LANDMARK MONUMENTS EXIST ON THE EXISTING ROADWAY. DO NOT DISTURB.

CONTRACTOR MUST CONTACT THE PROJECT ENGINEER AND SEWRPC (JOHN WASHBURN); AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE TOPSOILED, FERTILIZED, AND SODDED AS DIRECTED BY THE ENGINEER AND AS SPECIFIED IN SPV. 0060.02 CURB RAMP GRADING, SHAPING AND FINISHING.

MILL AROUND SANITARY SEWER PATCHES SO AS TO NOT DUPLICATE ASPHALT MATERIAL.

HMA PAVING

LOCATION		THICKNESS	HMA PAVEMENT TYPE
PROJECT LIMITS	UPPER LAYER	2 1/4 - INCH	4 MT 58-28 H
VARIOUS LOCATIONS	BASE PATCHING	2 1/4 - INCH	4 MT 58-28 H

PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE GENERAL NOTES SHEET: E

UTILITY CONTACTS

RACINE DPW. CITY OF WE ENERGIES (ELECTRIC AND GAS) LATROY BRUMFIELD, PROJECT MANAGER

333 W EVERETT ST - A299 MILWAUKEE, WI 53203 PHONE: (414) 221-5617 FAX: (414) 221-2336

LATROY.BRUMFIELD@WE-ENERGIES.COM

TELEPORT COMMUNICATIONS AMERICA, LLC JENNIFER NAVARRO, ENGINEERING TECH

3701 W BURNHAM ST, STE C

C/O NORTHWIND TECHNICAL SERVICES

MILWAUKEE, WI 53215 PHONE: (414) 459-3572

J.NAVARRO@NORTHWINDTECH.COM

MIDWEST FIBER NETWORKS RICHARD TRGOVEC - OSP ENGINEER

3701 W BURNHAM ST, STE C MILWAUKEE, WI 53215 PHONE: (414) 672-5612 FAX: (414) 226-2269

RTRGOVEC@MIDWESTFIBERNETWORKS.COM

VERIZON BUSINESS DIVISION

OSP NATIONAL SUPPORT/INVESTIGATIONS

2400 N GLENVILLE RICHARDSON, TX 75082

PHONE: (972) 729-6322

INVESTIGATIONS@VERIZON.COM

PAETEC BUSINESS SERVICES

NATHAN BECKER, OSP PROJECT MANAGER

13935 BISHOPS DR BROOKFIELD, WI 53005 PHONE: (262) 792-7938

NATHAN.BECKER@WINDSTREAM.COM

AT&T WISCONSIN - COMMUNICATION LINE

MARK EDER

2005 PEWAUKEE RD WAUKESHA, WI 53188-2443 PHONE: (262)-896-7434 ME1754@ATT.COM

JOHN ROONEY - ENGINEERING 730 WASHINGTON AVE, ROOM 304

RACINE, WI 53403 PHONE: (262) 636-9191 FAX: (262) 636-9545

JOHN.ROONEY@CITYOFRACINE.ORG

RACINE WATER & WASTEWATER DEPT, CITY OF

KEITH HAAS - MANAGER 800 CENTER ST, ROOM 227 RACINE, WI 53403 PHONE: (262) 636-9434 FAX: (262) 636-3933

KEITH.HAAS@CITYOFRACINE.ORG

RACINE COUNTY DPW

JEFFREY KATZ - COUNTY ENGINEER

14200 WASHINGTON AVE STURTEVANT, WI 53177 PHONE: (262) 886-8440 FAX: (262) 886-8480

JEFF.KATZ@GORACINE.ORG

RACINE POLICE DEPARTMENT ART HOWELL - CHIEF OF POLICE

730 CENTER ST RACINE, WI 53403

PHONE: (262) 886-2300

ARTHEL.HOWELL@CITYOFRACINE.ORG

RACINE FIRE DEPARTMENT STEVEN HANSEN - FIRE CHIEF

810 8TH ST

RACINE, WI 53403-1433 PHONE: (262) 886-2300

RFD_INFO@CITYOFRACINE.ORG

TIME WARNER CABLE TW CABLE ENGINEERING

1320 N DR. MARTIN LUTHER KING DR

MILWAUKEE, WI 53212 PHONE: (414) 277-4045

WIS.ENGINEERING@TWCABLE.COM

WISDOT CONTACTS

WISDOT TRAFFIC LIGHTING

ERIC PEREA

141 NW BARSTOW ST

POBOX798

WAUKESHA, WI 53187-0798 PHONE: (262) 574-5422 ERIC.PEREA@DOT.WI.GOV

WISDOT SIGNALS JUSTIN EFFINGER

141 NW BARSTOW ST

PO BOX 798

WAUKESHA, WI 53187-0798 PHONE: (262) 548-5676

JUSTIN.EFFINGER@DOT.WI.GOV

WISDOT ATR PULL BOXES

CLIFF SEROWSKI 935 S 60TH ST

WEST ALLIS, WI 53214

PHONE: (414) 266-1157

CLIFFORD.SEROWSKI@DOT.WI.GOV

NOT A UTILITY - FOR INFORMATION ONLY

UNION PACIFIC RAILROAD COMPANY

JOHN VENICE - MANAGER OF SPECIAL PROJECTS

101 NORTH WACKER DR, STE 1920

CHICAGO, IL 60606 PHONE: (312) 777-2043 FAX: (402) 233-2769

PROJECT MANAGER

141 NW BARSTOW ST

PHONE: (262) 548-6766

WAUKESHA, WI 53187-0798

VIDA.SHAFFER@DOT.WI.GOV

433 W ST. PAUL AVE, STE 300

JEFFREY.MADSON@DOT.WI.GOV

2300 N DR. MARTIN LUTHER KING JR. DR.

KRISTINA.BETZOLD@WISCONSIN.GOV

MILWAUKEE, WI 53203-3007

PHONE: (414) 225-3723

VIDA SHAFFER

WISDOT STOC

JEFF MADSON

DNR LIASON

KRISTINA BETZOLD

MILWAUKEE, WI. 53212

PHONE: (414) 263-8517

PO BOX 798

JNVENICE@UP.COM

CITY OF RACINE TRANSPORTATION AND PARKING SYSTEMS

MICHAEL MAIERLE - MANAGER 730 WASHINGTON AVE, RM 304

RACINE. WI. 53403 PHONE: (262) 636-9480

MICHAEL.MAIERLE@CITYOFRACINE.ORG

SOUTHEASTERN WI REGIONAL PLANNING COMMISSION

JOHN WASHBURN

PO BOX 1607

WAUKESHA, WI 53187-1607 PHONE: (262) 953-4295

FAX: (262) 547-1103

JWASHBURN@SEWRPC.ORG

BELLE URBAN SYSTEM

WILLIE MCDONALD - GENERAL MANAGER

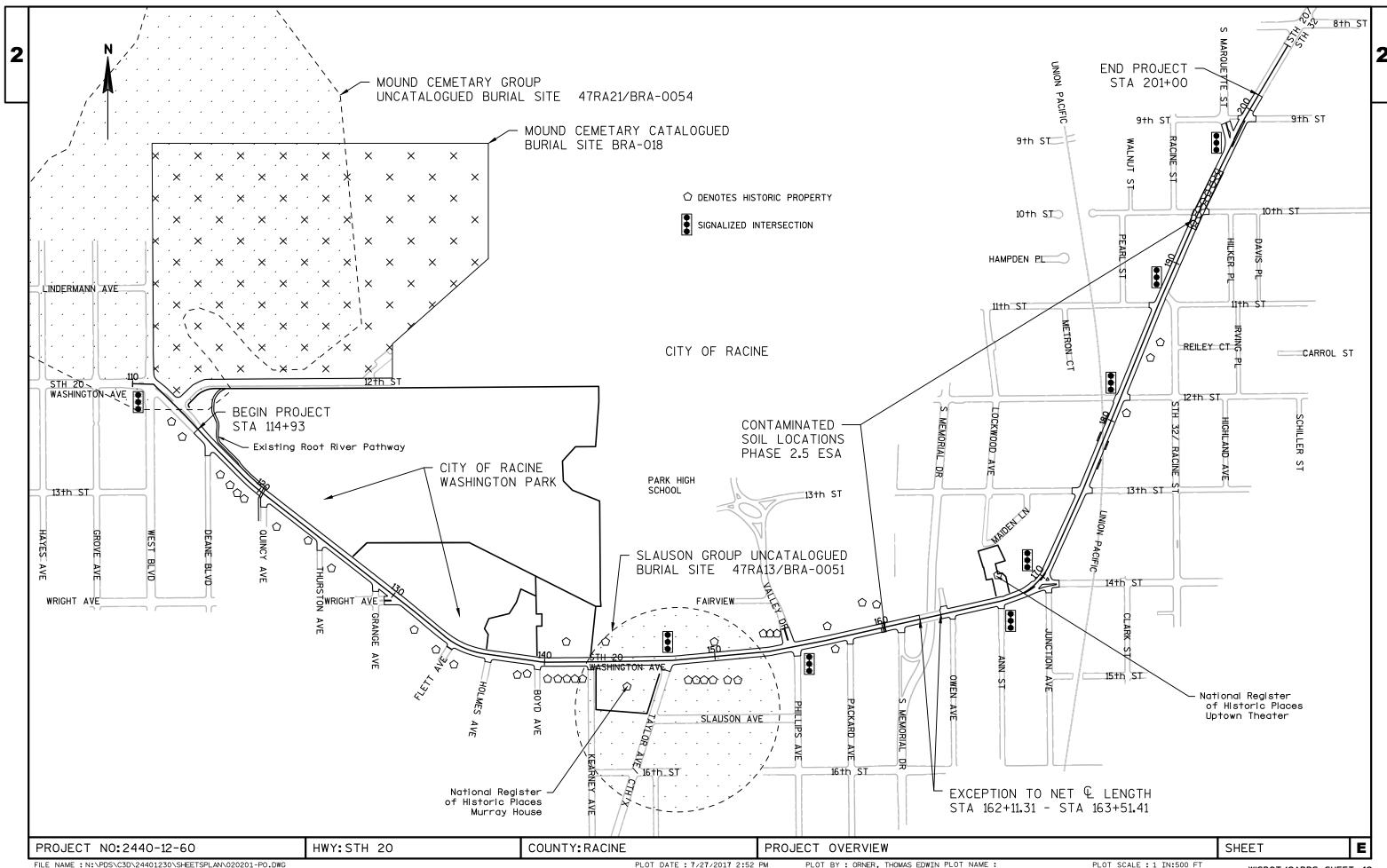
1900 KENTUCKY ST **RACINE, WI. 53405** PHONE: (262) 619-2443

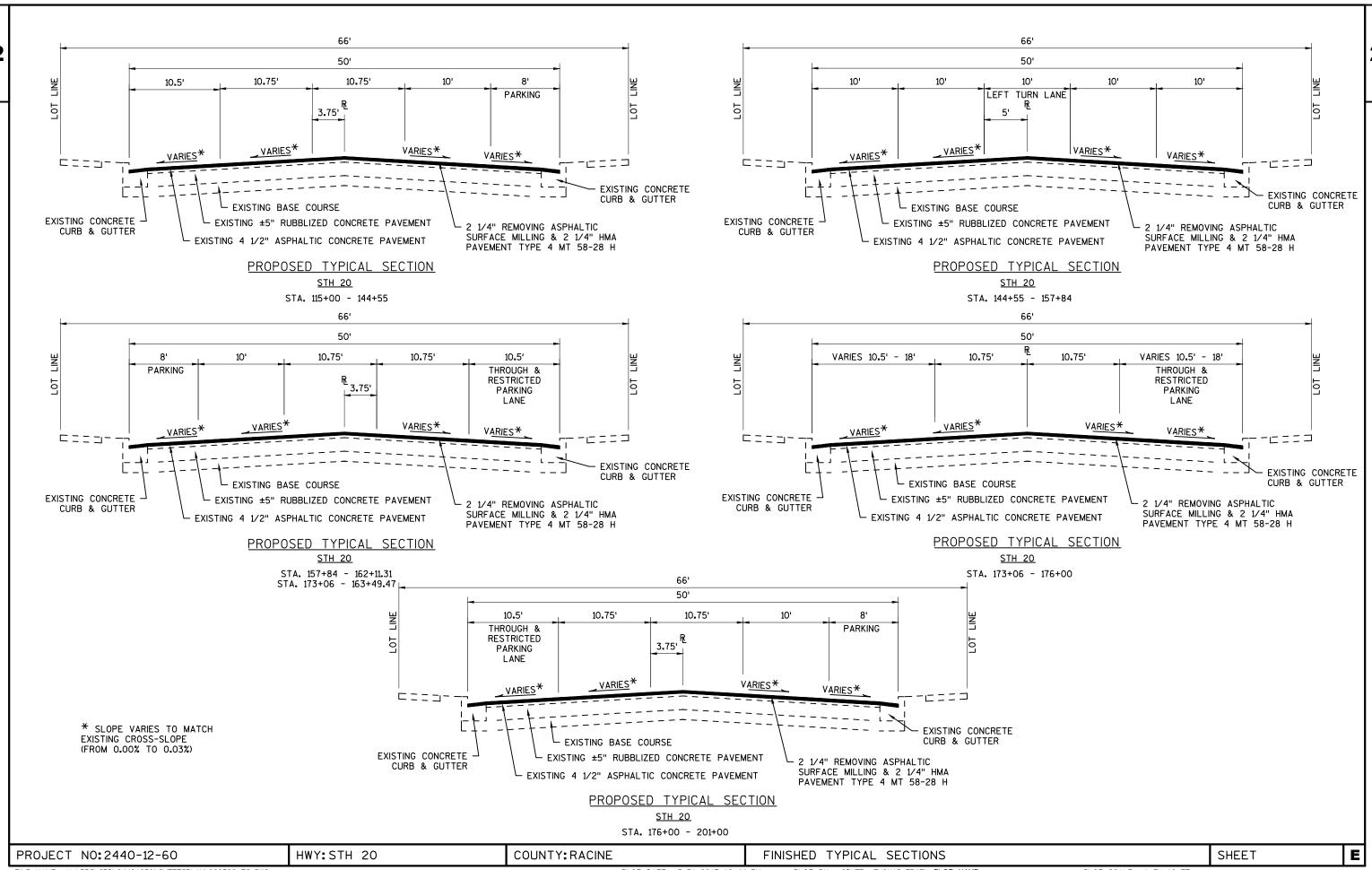
WILLIE.MCDONALD@CITYOFRACINE.ORG



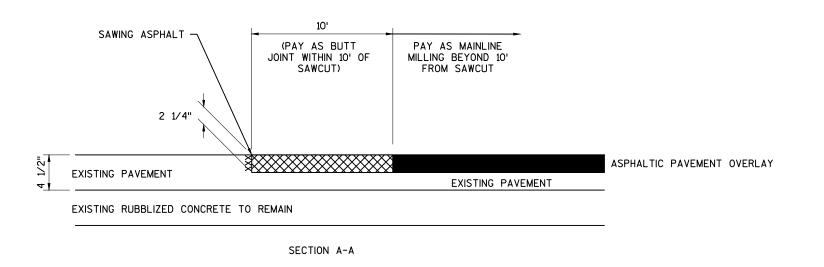
Ε HWY: STH 20 **COUNTY: RACINE UTILITY CONTACTS** SHEET: PROJECT NO: 2440-12-60

FILE NAME: N:\PDS\C3D\24401230\SHEETSPLAN\PLAN PDF\FEB2017 PLOT DATE : PLOT NAME: PLOT SCALE: 1:1





2

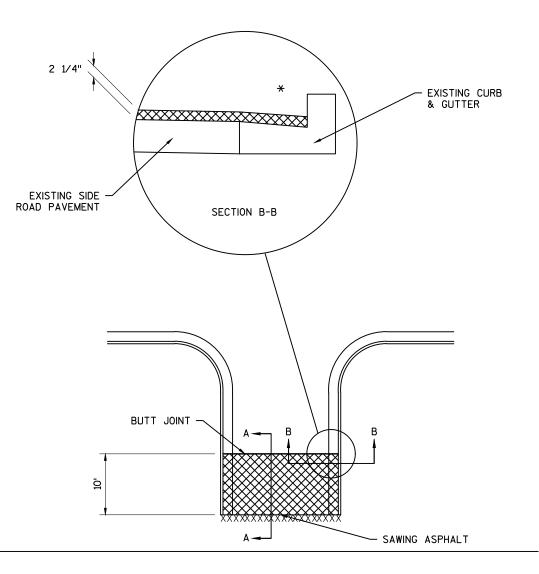


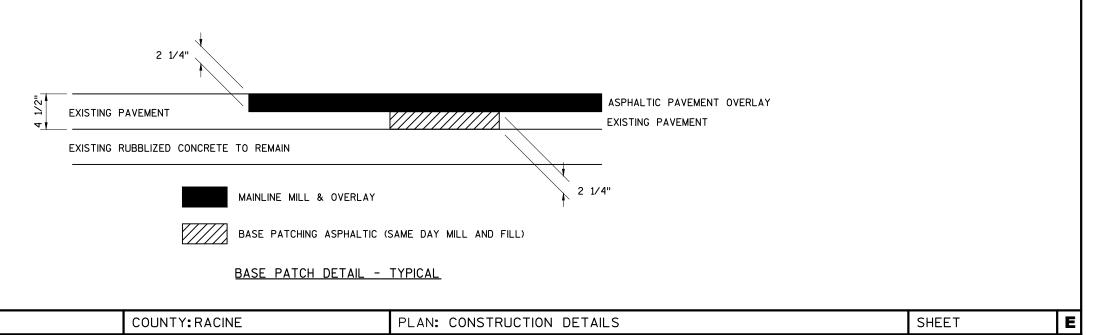
MAINLINE MILL & OVERLAY

REMOVING ASPHALT SURFACE BUTT JOINTS

 \star MILL OUT (INCLUDE) CURB & GUTTER PAN WITH BUTT JOINT

REMOVING ASPHALTIC BUTT JOINTS DETAIL - TYPICAL

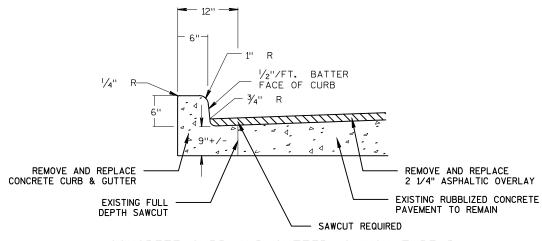




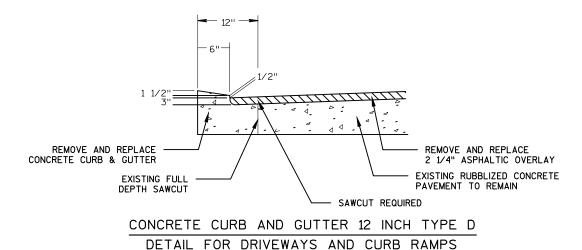
HWY:STH 20

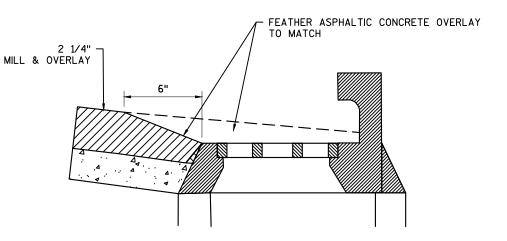
PROJECT NO: 2440-12-60

DETAIL FOR ADJUSTING MANHOLE COVERS AND RECONSTRUCTING MANHOLES (ALLTYPES)

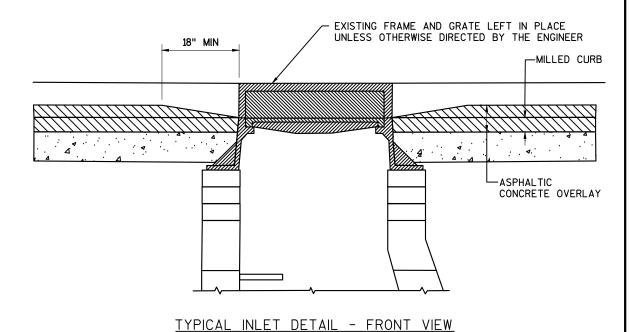


CONCRETE CURB AND GUTTER 12 INCH TYPE D





TYPICAL INLET DETAIL - SIDE PROFILE NOT TO SCALE



GENERAL NOTES MANHOLES, INLETS, CURB AND GUTTER

NOT TO SCALE

- 1. DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
- 2. WHEN NEW COVERS ARE PLACED, THE FIRST 6" OF ADJUSTMENT OR REPAIRING SHALL BE INCLUDED IN THE COST OF THE NEW COVER. ANY ADJUSTMENT OR REPAIR OF MASONRY BETWEEN 6" AND 12" WILL BE PAID AS ADJUSTING COVERS. REPAIRS GREATER THAN 12" WILL BE PAID AS RECONSTRUCTING INLETS OR MANHOLES.
- 3. MANHOLE AND VALVE BOX ADJUSTMENTS IN ASPHALTIC PAVEMENT SHALL BE MADE AFTER THE RUBBLIZING OPERATION.
- 4. SAWING OF EXISTING CURB AND GUTTER, SIDEWALK AND CONCRETE PAVEMENT SHALL BE PAID FOR AS "SAWING CONCRETE PAVEMENT, FULL DEPTH."

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PLAN: CONSTRUCTION DETAILS

PLOT SCALE : 1 IN:10 FT_1

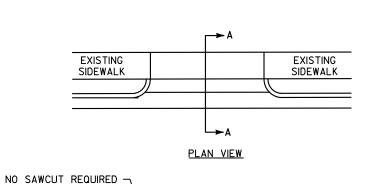
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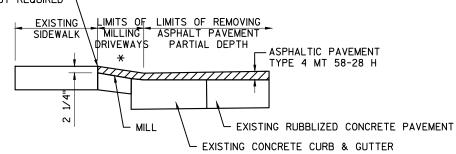
E

— "BRICK RED" (A-26) -COLOR. NO STAMPED

PATTERN

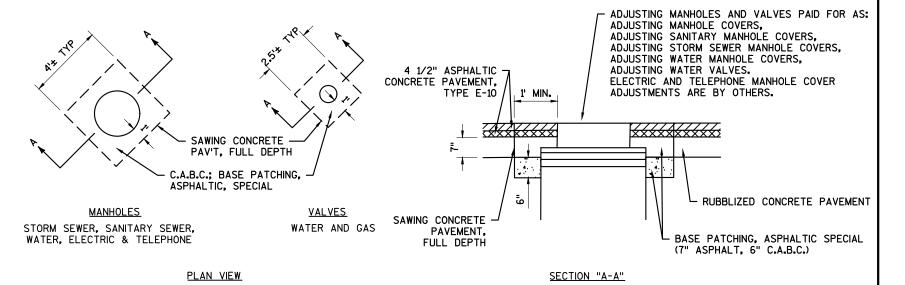
CONCRETE SIDEWALK, 5", SPECIAL DETAIL PLAN VIEW





MILLING DRIVEWAYS DETAIL SECTION "A-A"

*REMOVE AND REPLACE EXISTING ASPHALTIC PAVEMENT ONLY



MANHOLE AND VALVE BASE PATCHING DETAIL

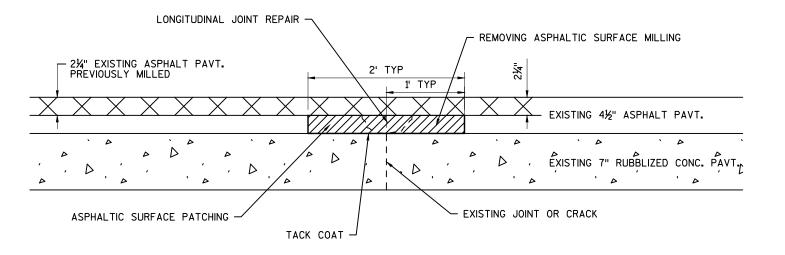
PROJECT NO:2440-12-60 HWY:STH 20 COUNTY: RACINE PLAN: CONSTRUCTION DETAILS FILE NAME: N:\PDS\C3D\24401230\SHEETSPLAN\021001-CD.DWG

SHEET

E

"BRICK RED" (A-26) COLOR HARDENER STAMP WITH RUNNING BOND PATTERN IN

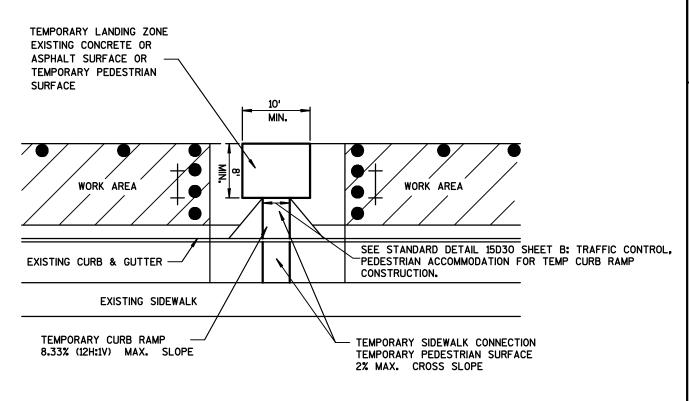
2



LONGITUDINAL JOINT REPAIR DETAIL

PROJECT NO:2440-12-60 HWY:STH 20 COUNTY:RACINE CONSTRUCTION DETAILS

CURB RAMP CLOSURE WITH DETOUR ROUTE



TEMPORARY BUS STOP PAD

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS. MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- 1 IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.
- (2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
- (3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.
- (4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".
- (5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- (6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- (7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND



SIGN ON PERMANENT SUPPORT UNDER PEDESTRIAN



IKAFFIC



PEDESTRIAN CHANNELIZATION DEVICE

WORK AREA



TYPE I I BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)



TYPE I I I BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)



TRAFFIC CONTOL
DRUM

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION. ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- ① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".
- ② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- (3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- 4 CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- (5) CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- (6) THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
- 7 DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (8) LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.
- (9) CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".
- 10 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.

PROJECT NO:2440-12-60

HWY:STH 20

COUNTY: RACINE

PLAN: XXX

^^^

PLOT BY: ORNER, THOMAS EDWIN PLOT NAME:

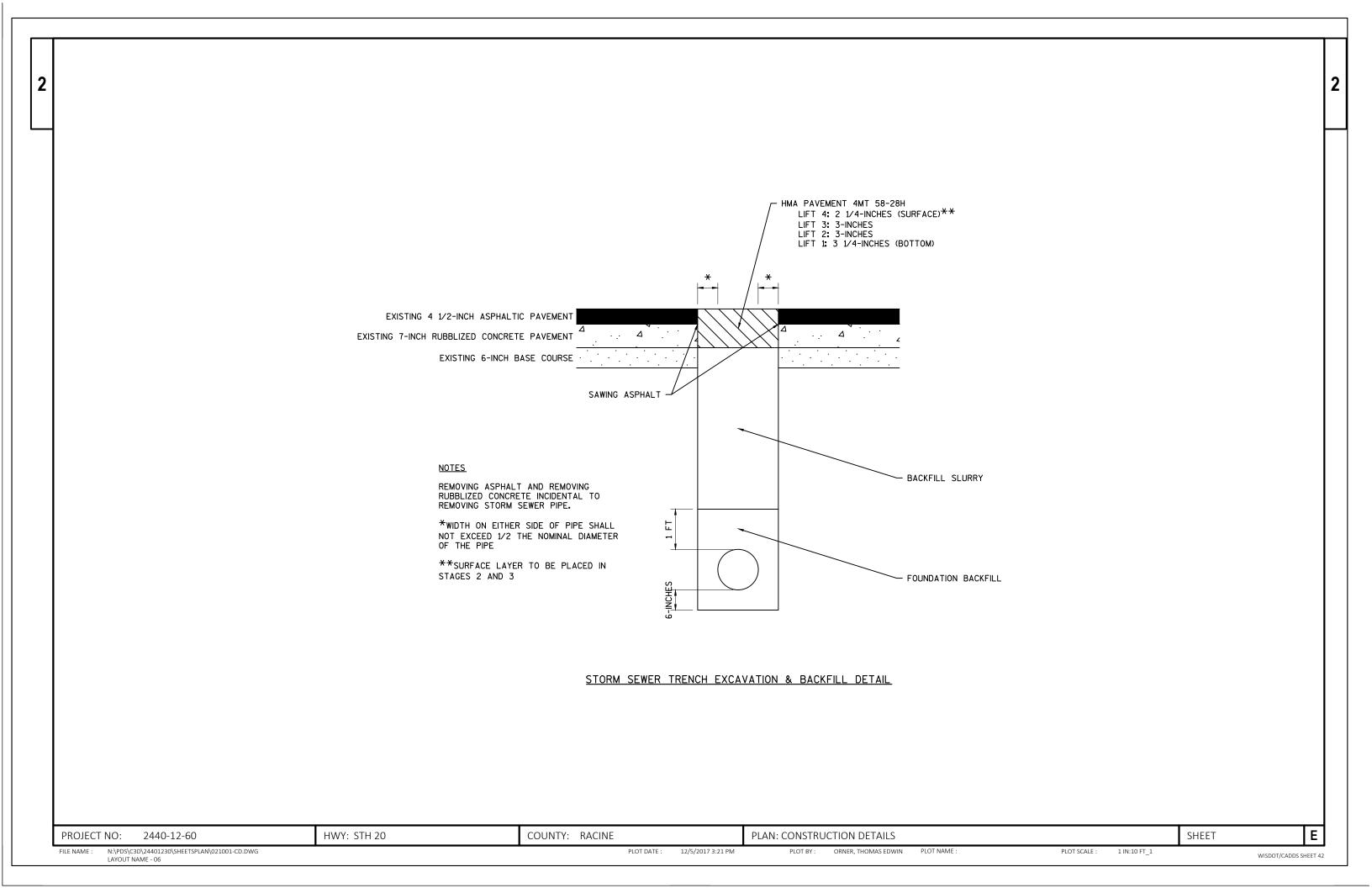
PLOT SCALE : 1 IN:10 FT_1

WISDOT/CADDS SHEET 42

Ε

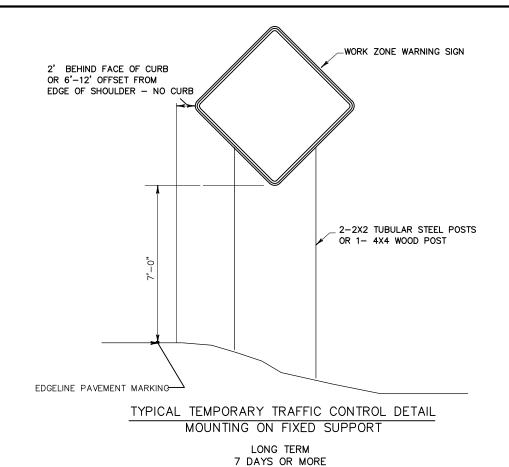
SHEET

FILE NAME: N:\PDS\C3D\24401230\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021001-CD - 05 PLOT DATE: 12/5/2017 3:21 PM



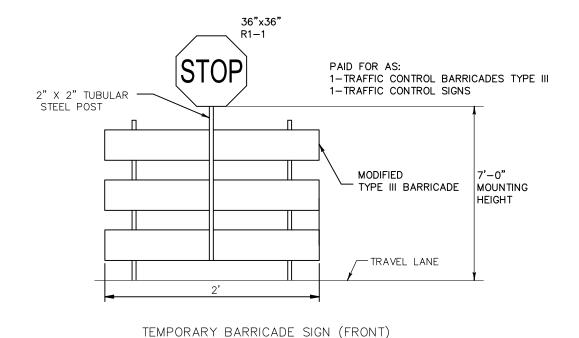


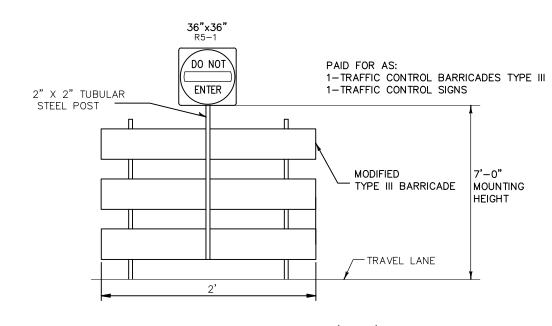
WISDOT/CADDS SHEET 42



GENERAL NOTES FOR TRAFFIC CONTROL

- 1. TRAFFIC CONTROL DRUMS IN TAPERS, SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY, UNLESS OTHERWISE SHOWN.
- 2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
- 3. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 4. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.
- 5. BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTIOIN OF TRAFFIC FLOW.

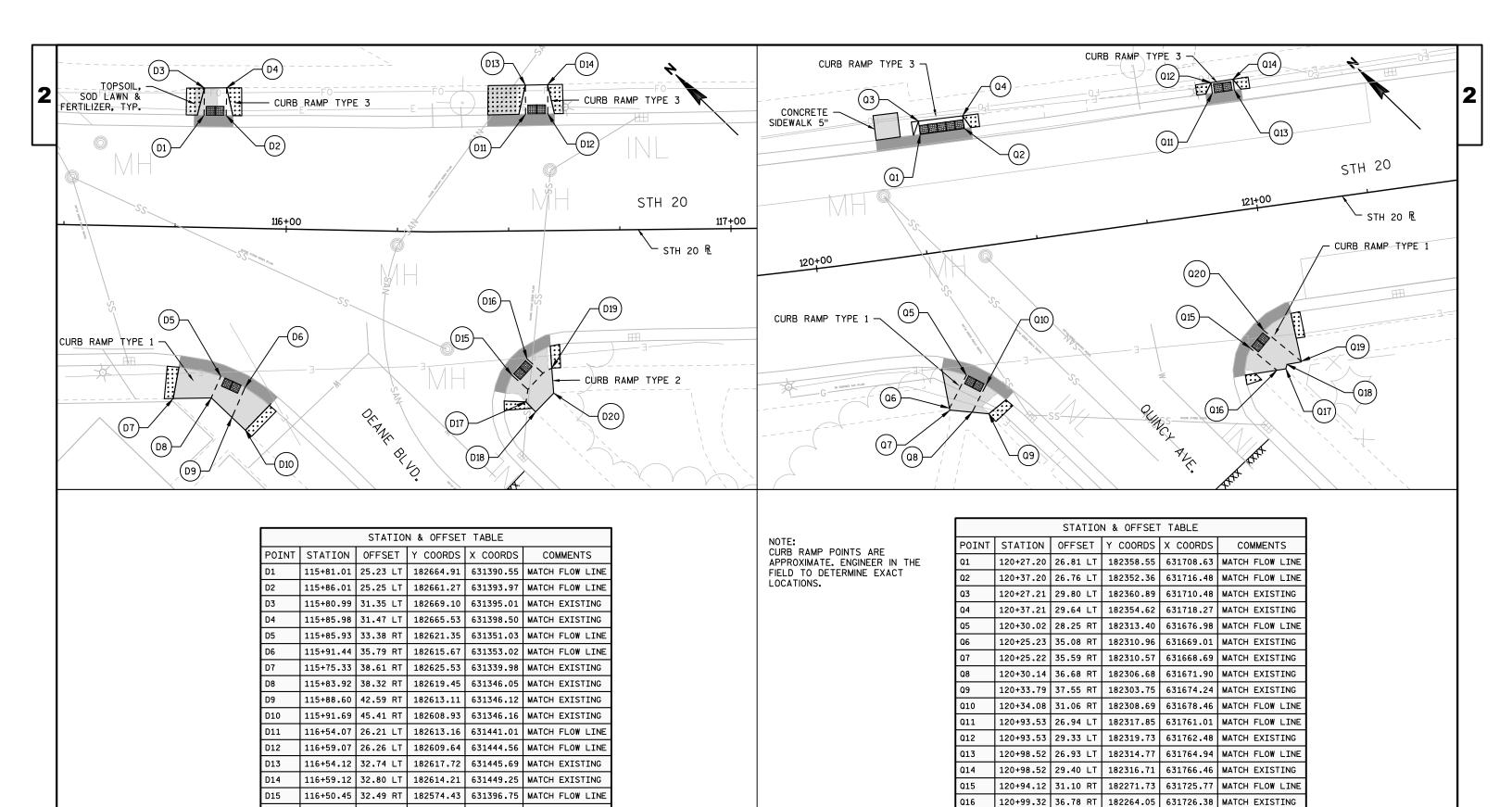




TEMPORARY BARRICADE SIGN (BACK)

Ε PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE PLAN: CONSTRUCTION DETAILS SHEET PLOT BY: ORNER, THOMAS EDWIN PLOT NAME: FILE NAME : PLOT DATE: 12/5/2017 3:21 PM PLOT SCALE : 1 IN:10 FT_1

N:\PDS\C3D\24401230\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 07



PROJECT NO: 2440-12-60

D16

D20

116+53.83

116+53.51

116+55.65

116+59.38

28.80 RT

38.47 RT

40.72 RT

30.94 RT

HWY:STH 20

116+59.74 36.59 RT

182574.62

182568.05

182564.95

182569.17

631401.75

631394.65

631394.56

631404.13

182564.95 631400.37 MATCH EXISTING

MATCH FLOW LINE

MATCH EXISTING

MATCH EXISTING

MATCH EXISTING

COUNTY: RACINE

CURB RAMP DETAILS

Q17

Q18

Q19

Q20

121+01.33 36.75 RT

120+97.66 27.57 R

35.79 RT

35.53 RT

121+01.73

121+04.99

182262.84

182263.35

182261.54

182272.32

631727.98

631728.89

631731.62

MATCH EXISTING

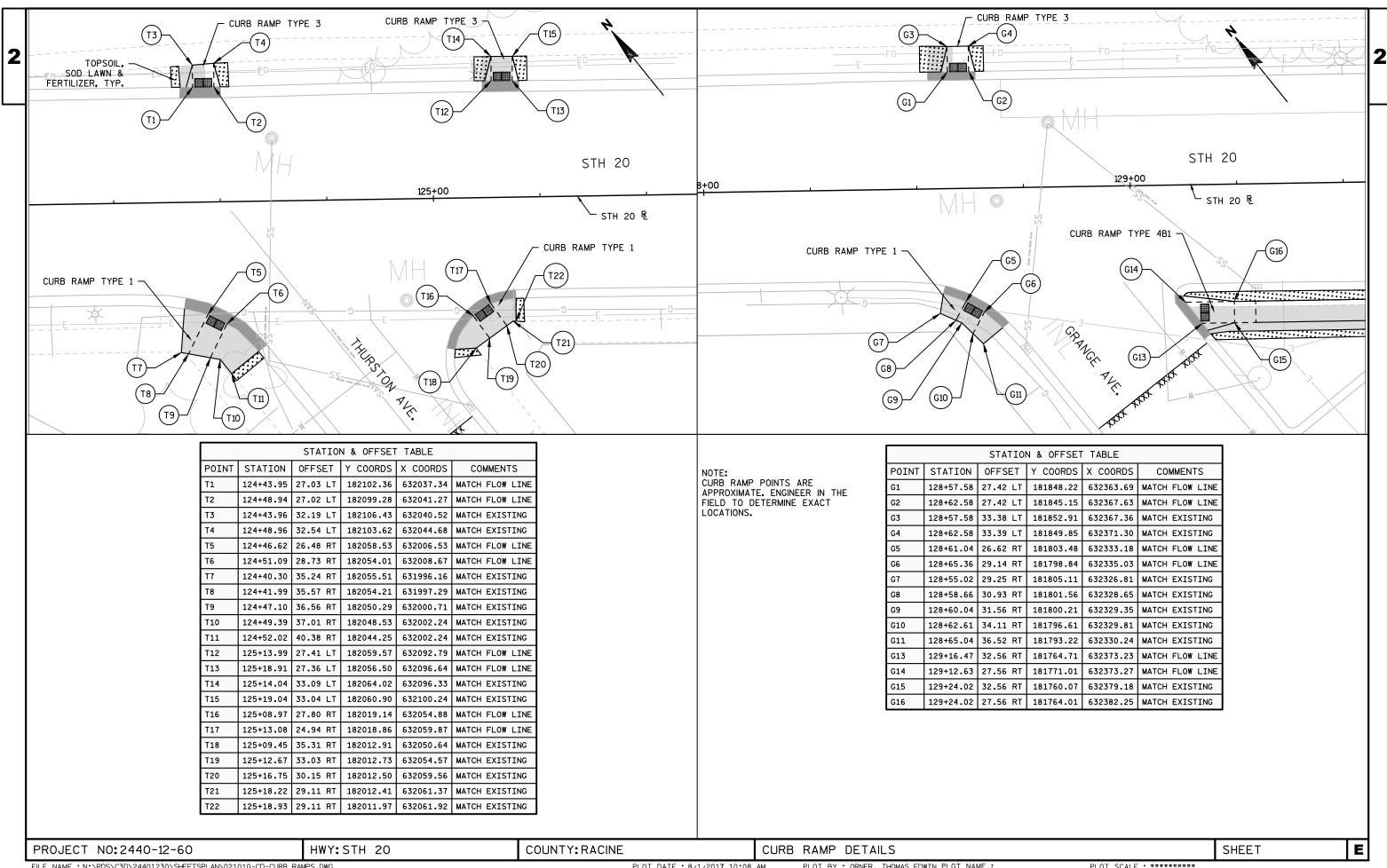
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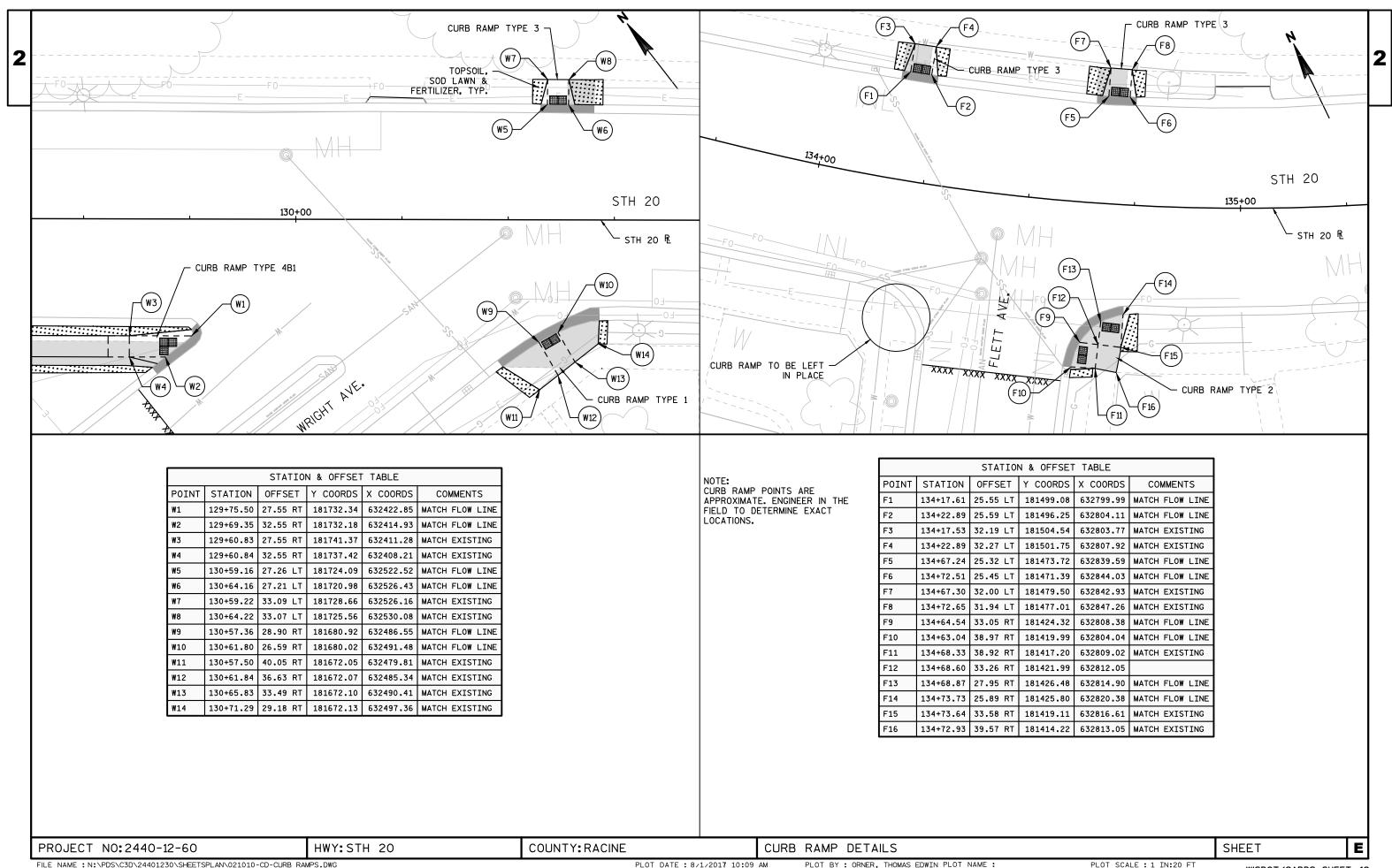
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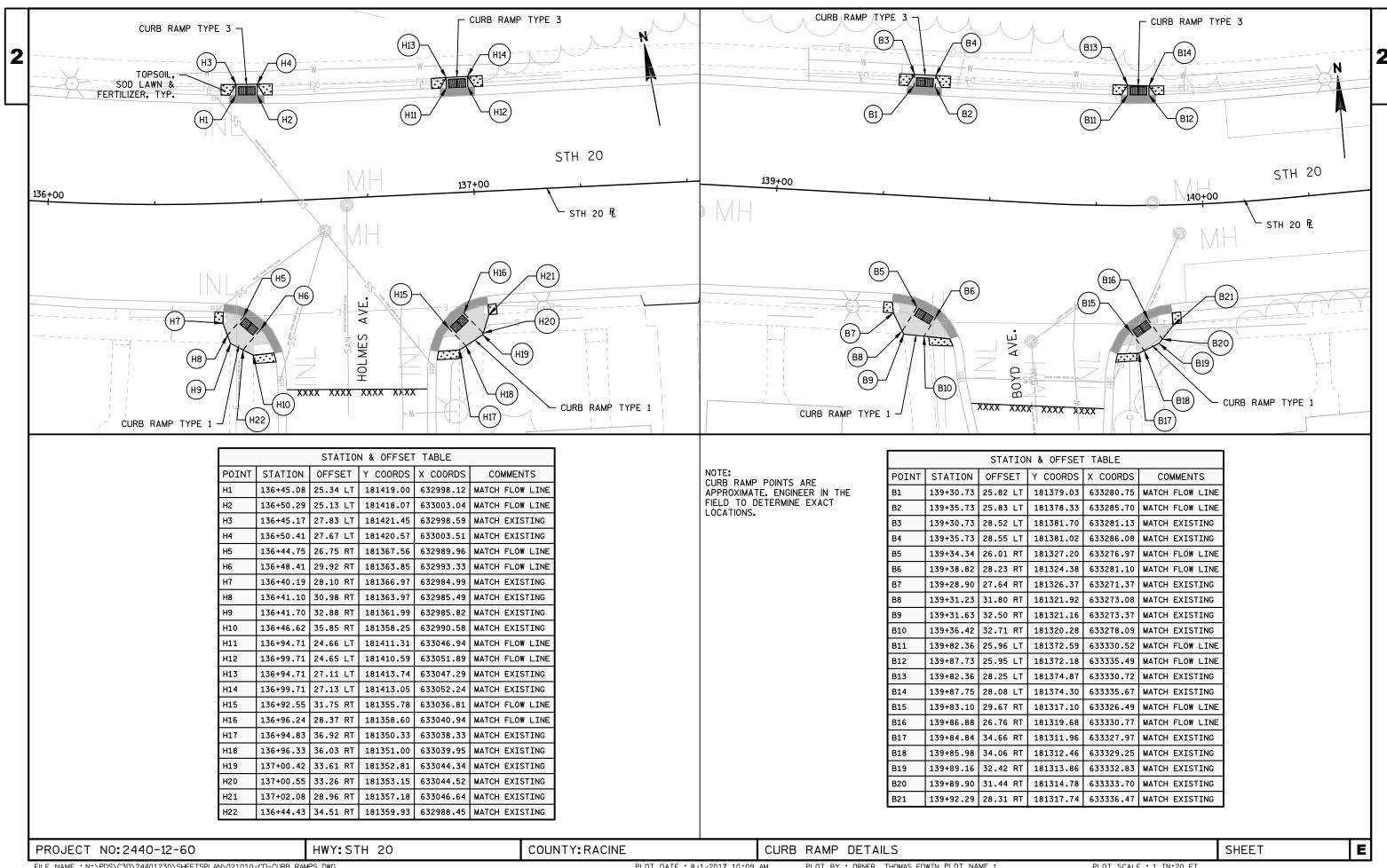
631730.74 MATCH FLOW LINE

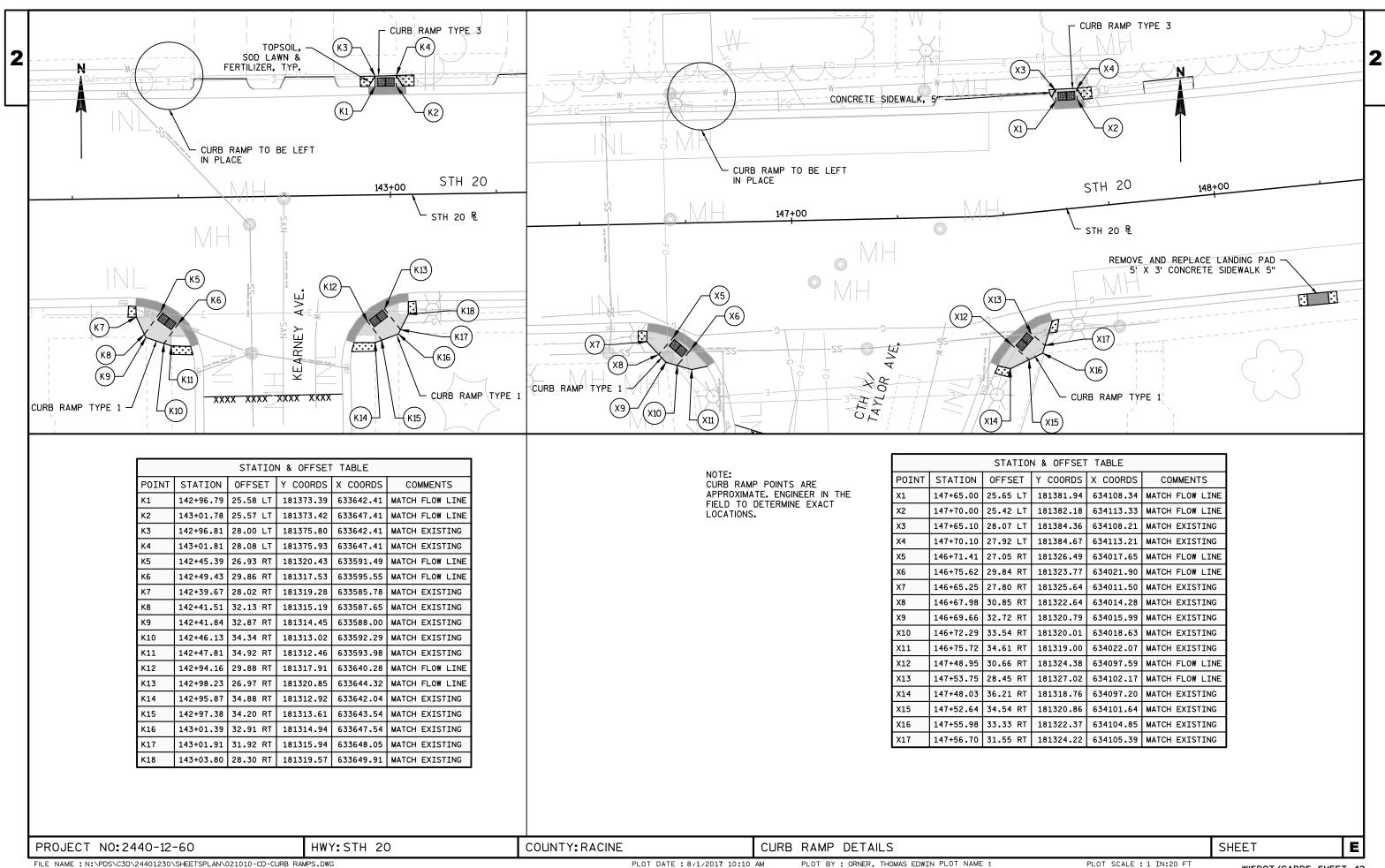
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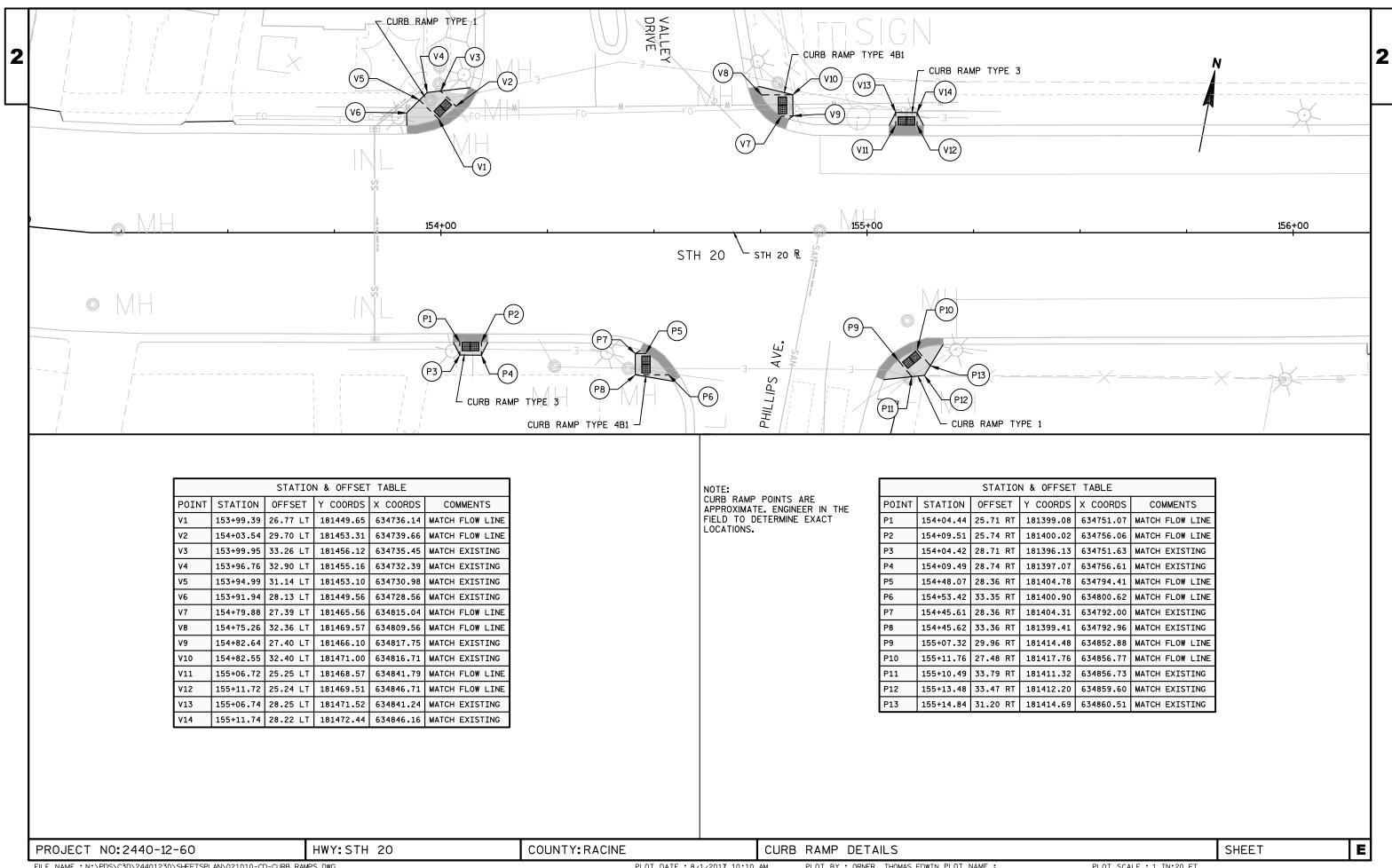
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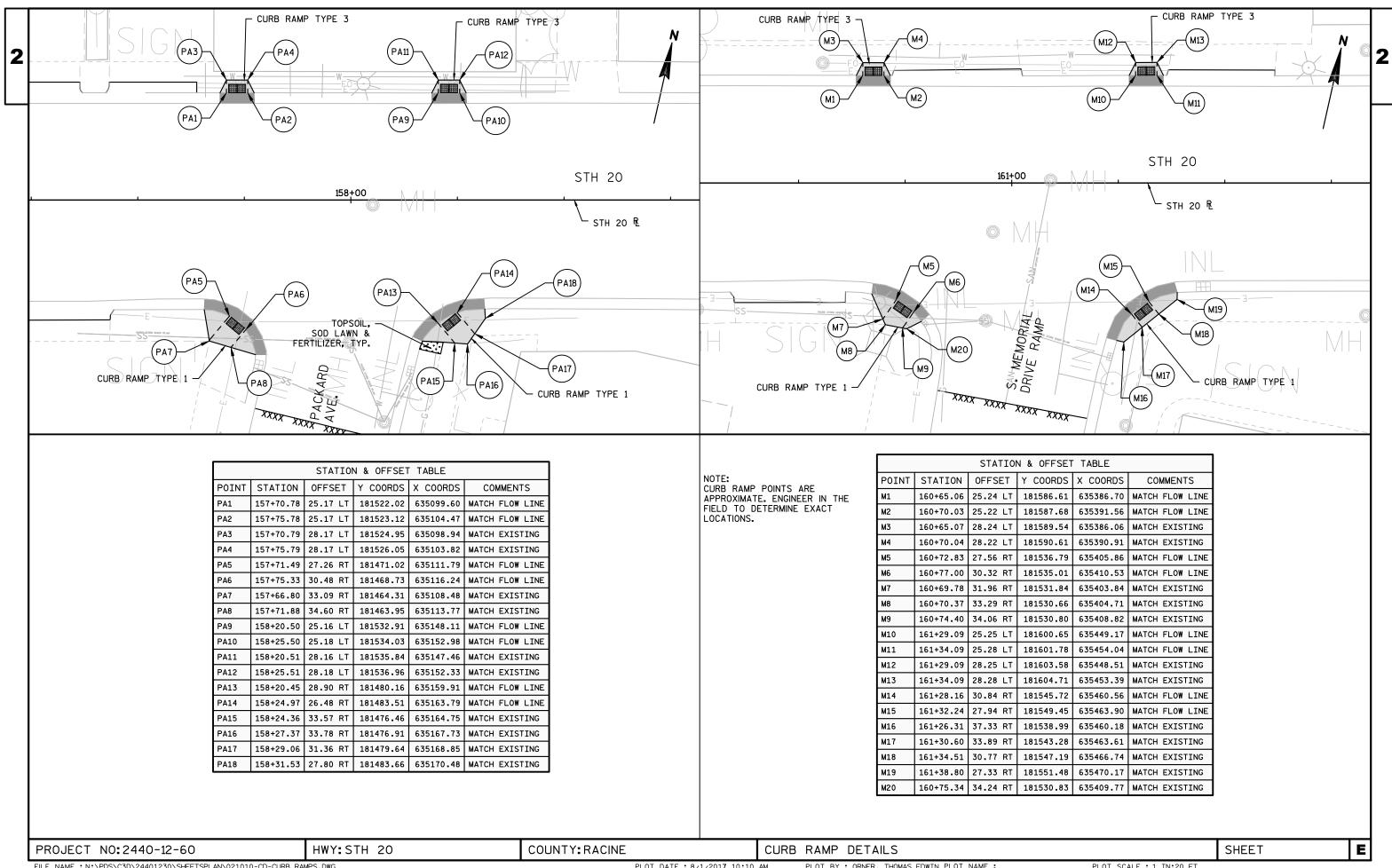


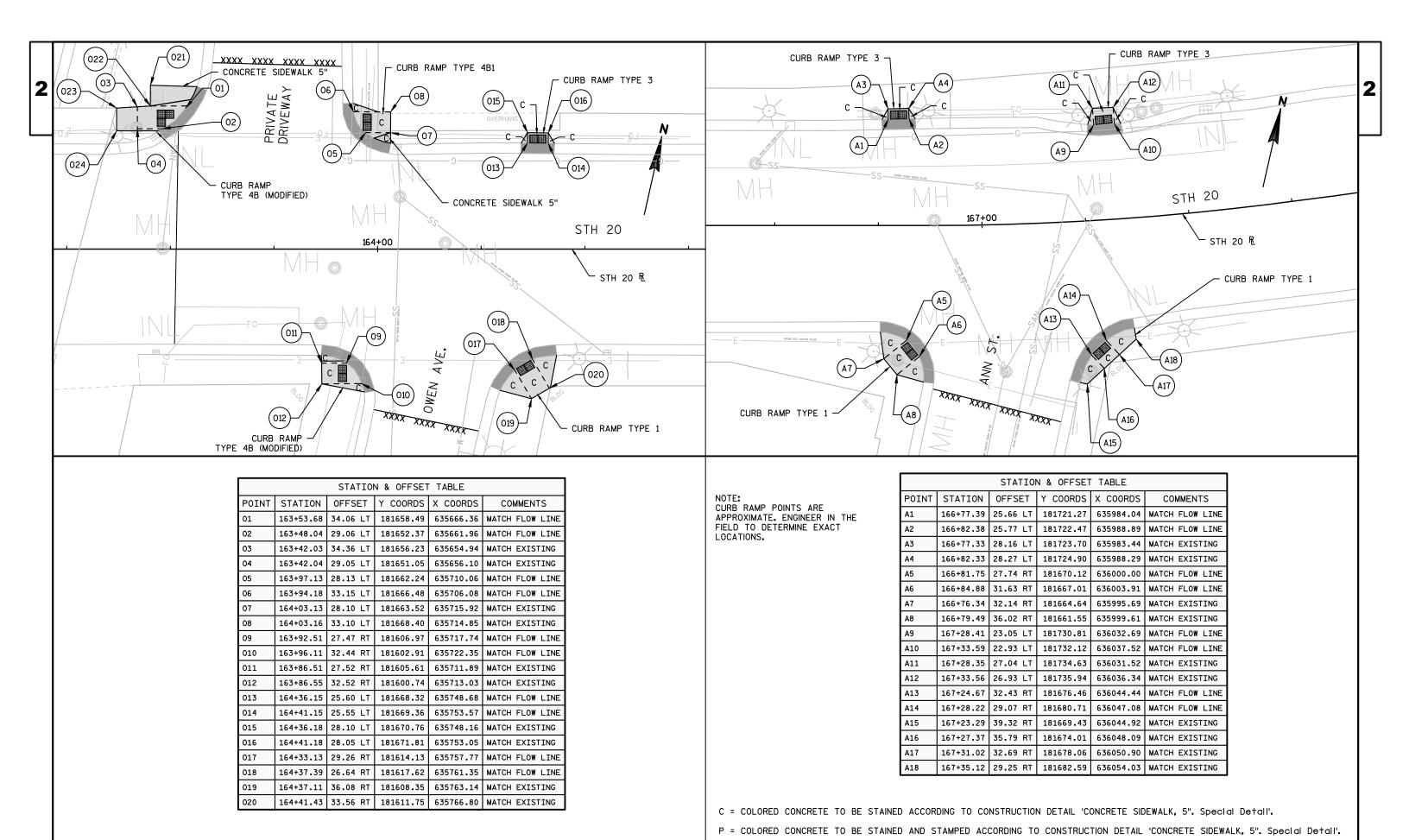












HWY:STH 20

PROJECT NO: 2440-12-60

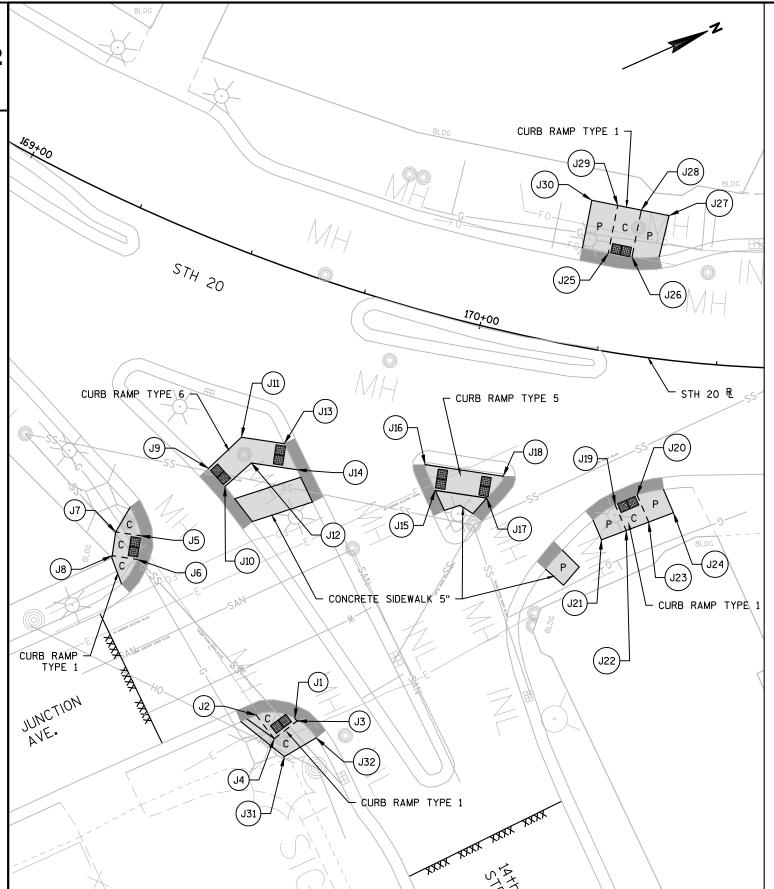
COUNTY: RACINE

CURB RAMP DETAILS

SHEET

E





HWY:STH 20

- C = COLORED CONCRETE TO BE STAINED ACCORDING TO CONSTRUCTION DETAIL 'CONCRETE SIDEWALK, 5". Special Detail'.
- P = COLORED CONCRETE TO BE STAINED AND STAMPED ACCORDING TO CONSTRUCTION DETAIL 'CONCRETE SIDEWALK, 5". Special Detail'.

NOTE: CURB RAMP POINTS ARE APPROXIMATE. ENGINEER IN THE FIELD TO DETERMINE EXACT LOCATIONS.

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	COMMENTS
J1	169+85.27	89.00 RT	181780.02	636324.57	MATCH FLOW LINE
J2	169+78.82	90.64 RT	181772.94	636320.71	MATCH FLOW LINE
J3	169+85.76	89.44 RT	181780.20	636325.30	MATCH EXISTING
J4	169+82.85	94.26 RT	181774.36	636326.68	MATCH EXISTING
J5	169+49.50	63.04 RT	181766.13	636276.69	MATCH FLOW LINE
J6	169+50.48	67.90 RT	181763.50	636280.95	MATCH FLOW LINE
J7	169+45.13	64.19 RT	181761.75	636273.90	MATCH EXISTING
J8	169+46.10	69.06 RT	181759.06	636278.12	MATCH EXISTING
J9	169+56.92	44.96 RT	181784.81	636269.71	MATCH FLOW LINE
J10	169+60.94	47.35 RT	181786.40	636274.53	MATCH FLOW LINE
J11	169+60.80	36.53 RT	181793.73	636266.57	
J12	169+64.16	40.92 RT	181793.41	636272.29	
J13	169+68.93	34.92 RT	181801.32	636271.41	MATCH FLOW LINE
J14	169+72.77	39.29 RT	181801.51	636277.46	MATCH FLOW LINE
J15	169+99.14	35.61 RT	181826.03	636293.11	MATCH FLOW LINE
J16	169+96.09	30.91 RT	181826.33	636287.37	MATCH FLOW LINE
J17	170+09.12	34.73 RT	181835.21	636298.96	MATCH FLOW LINE
J18	170+11.32	29.56 RT	181840.18	636296.20	MATCH FLOW LINE
J19	170+33.17	31.31 RT	181859.07	636311.19	MATCH FLOW LINE
J20	170+37.00	28.69 RT	181864.07	636311.18	MATCH FLOW LINE
J21	170+31.56	38.89 RT	181853.48	636316.62	MATCH EXISTING
J22	170+35.80	36.27 RT	181858.98	636316.96	MATCH EXISTING
J23	170+39.73	33.95 RT	181863.97	636317.26	MATCH EXISTING
J24	170+44.12	31.48 RT	181869.47	636317.60	MATCH EXISTING
J25	170+23.72	20.26 LT	181879.10	636262.71	MATCH FLOW LINE
J26	170+29.13	20.27 LT	181883.28	636265.45	MATCH FLOW LINE
J27	170+36.23	29.93 LT	181893.87	636260.70	MATCH EXISTING
J28	170+29.59	30.27 LT	181889.05	636257.28	MATCH EXISTING
J29	170+23.96	30.43 LT	181884.97	636254.40	MATCH EXISTING
J30	170+17.76	30.48 LT	181880.48	636251.23	MATCH EXISTING
J31	169+85.31	97.27 RT	181774.75	636330.95	MATCH EXISTING
J32	169+89.64	91.75 RT	181782.40	636330.10	MATCH EXISTING

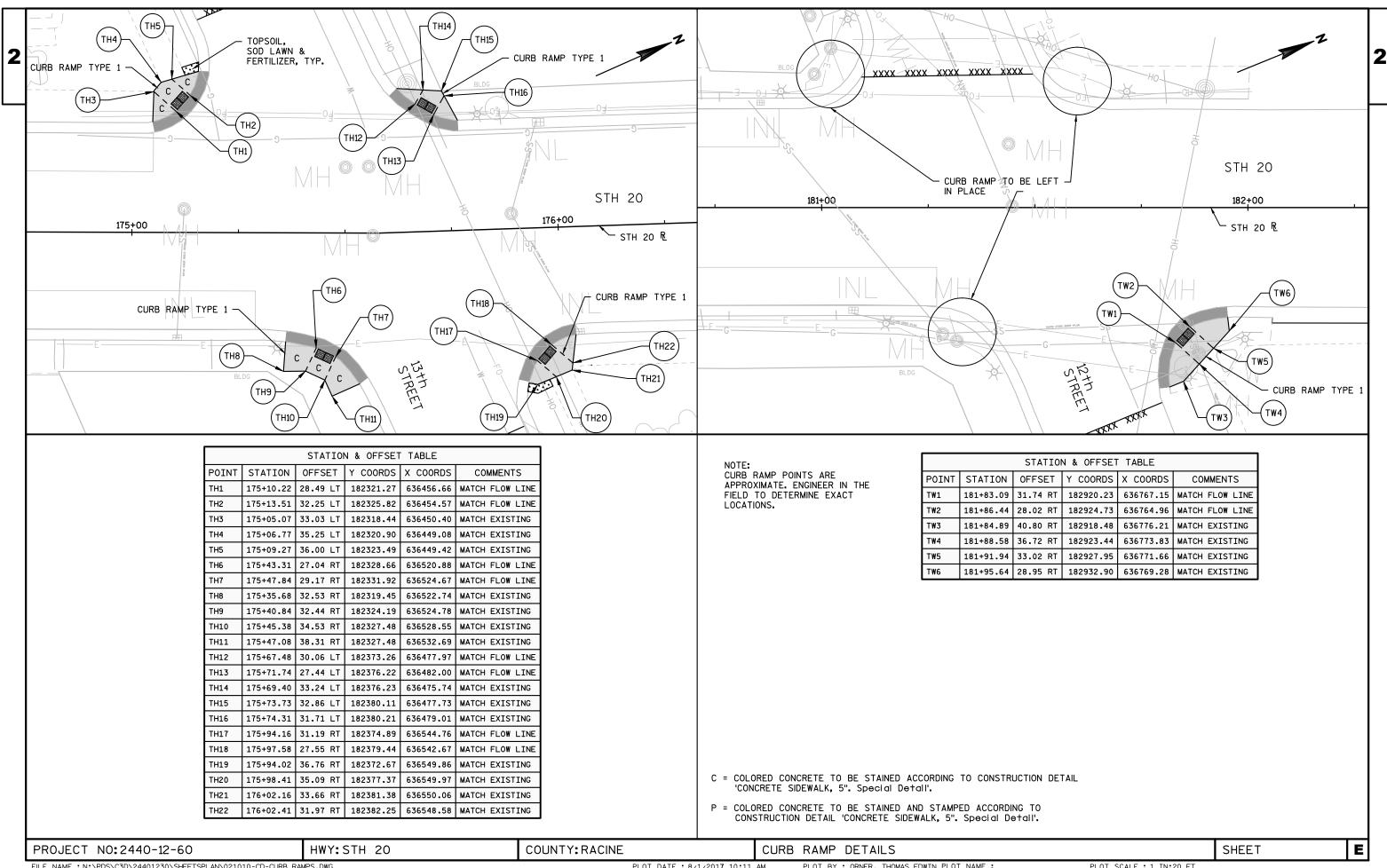
PROJECT NO: 2440-12-60

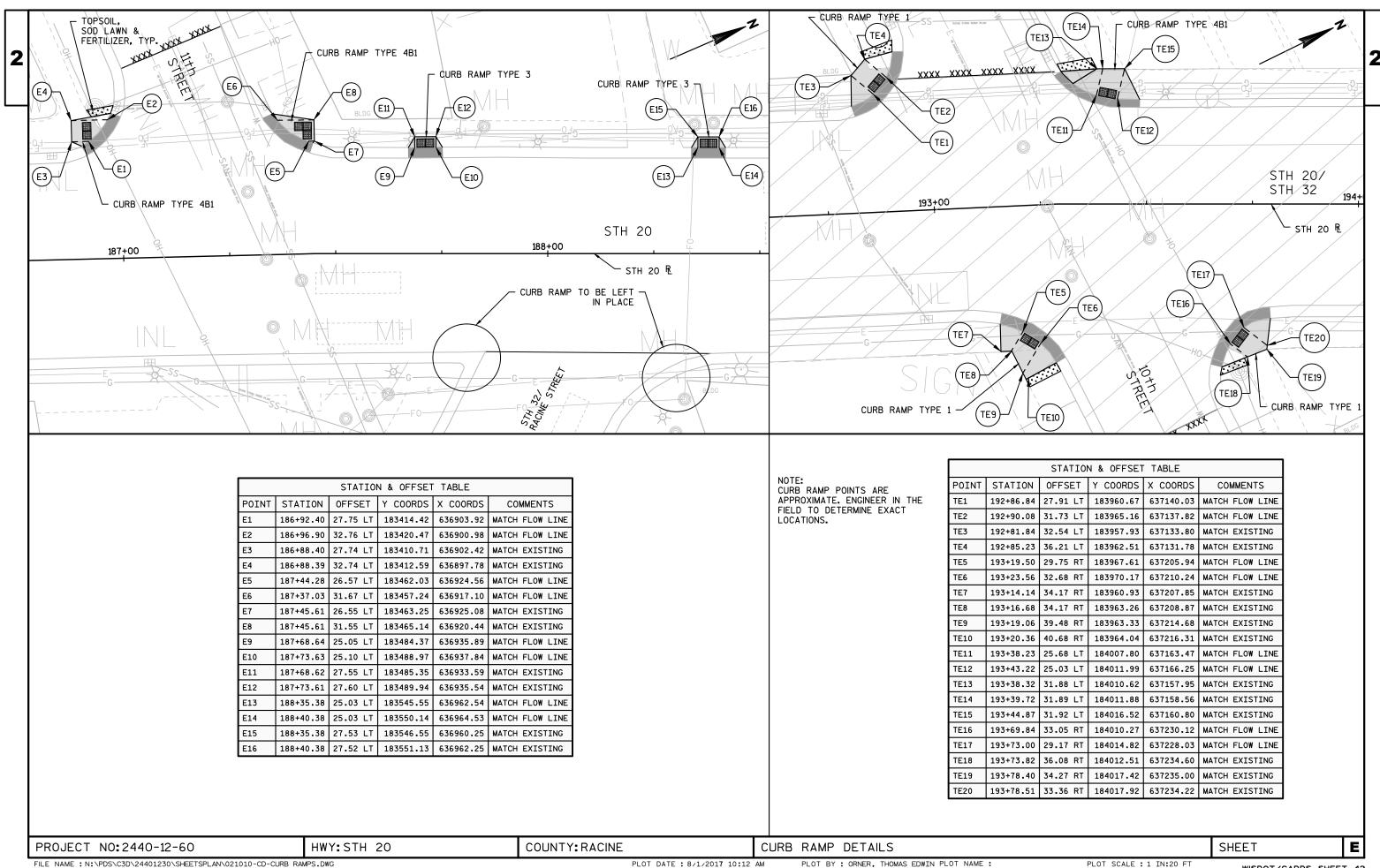
COUNTY: RACINE

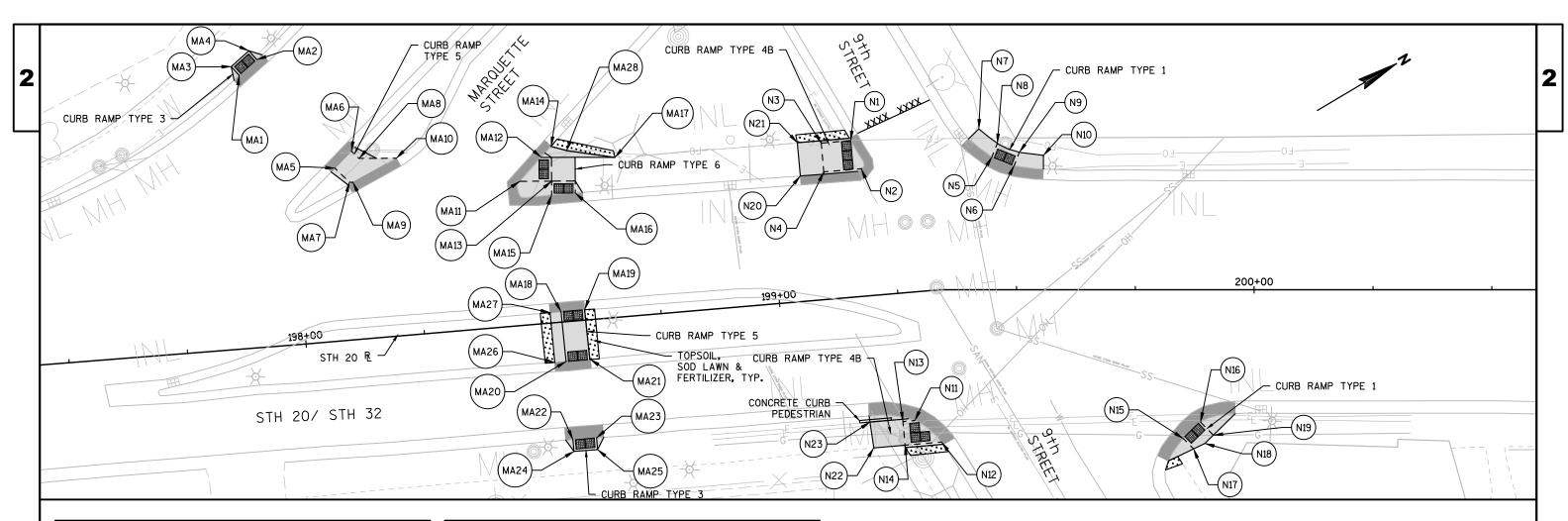
CURB RAMP DETAILS

E

SHEET







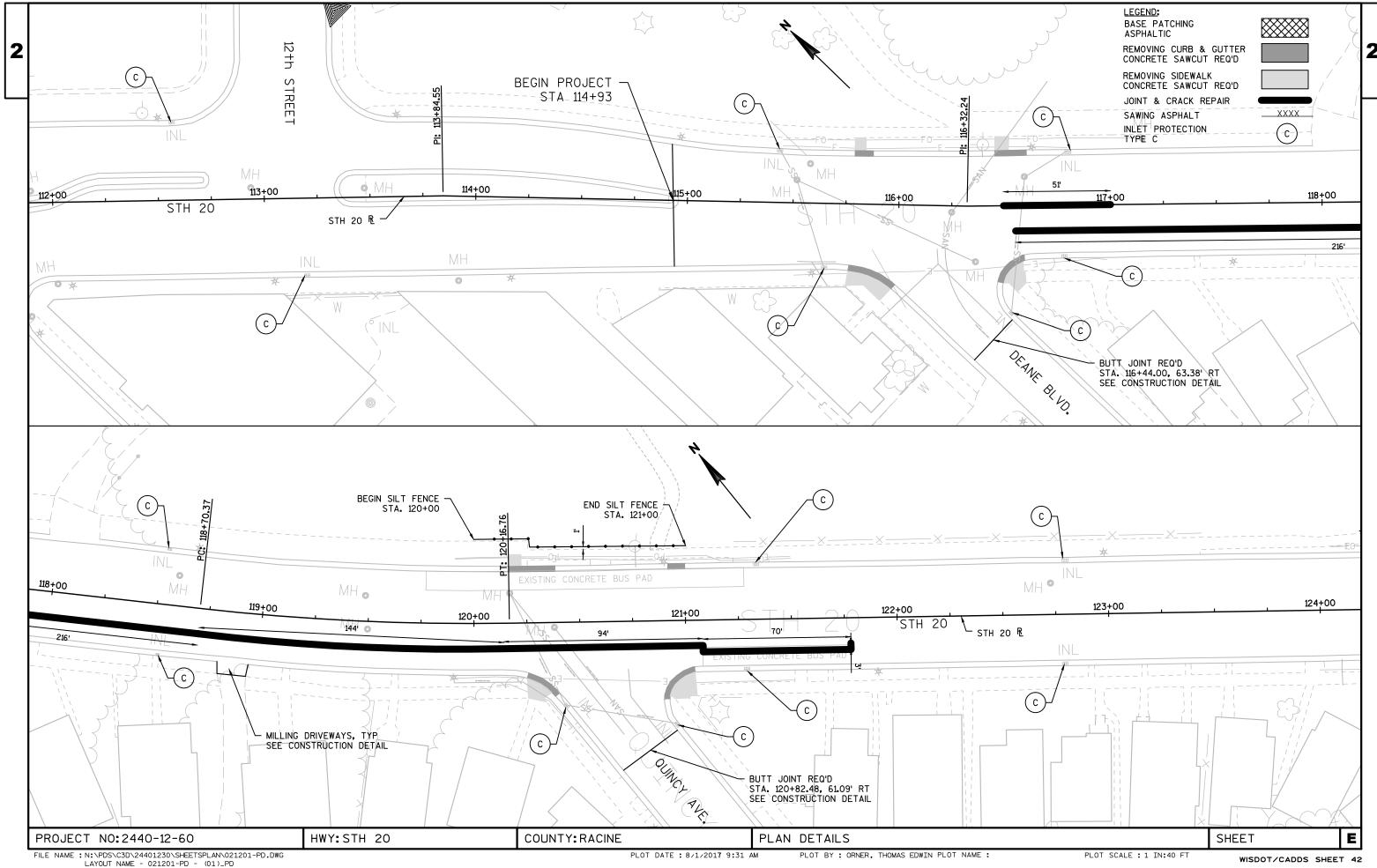
	STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS	COMMENTS
MA1	197+90.40	57.43 LT	184427.63	637334.39	MATCH FLOW LINE
MA2	197+94.38	60.46 LT	184432.54	637333.43	MATCH FLOW LINE
маз	197+88.88	59.41 LT	184427.14	637331.94	MATCH EXISTING
MA4	197+92.86	62.44 LT	184432.05	637330.97	MATCH EXISTING
MA5	198+09.19	36.33 LT	184435.01	637361.44	MATCH FLOW LINE
MA6	198+12.96	39.61 LT	184439.83	637360.13	MATCH FLOW LINE
MA7	198+11.98	33.13 LT	184436.13	637365.54	
MA8	198+14.46	37.93 LT	184440.45	637362.30	
ма9	198+12.74	33.05 LT	184436.78	637365.94	MATCH FLOW LINE
MA10	198+22.24	37.30 LT	184447.18	637366.25	MATCH FLOW LINE
MA11	198+47.73	30.25 LT	184467.06	637383.69	MATCH FLOW LINE
MA12	198+52.65	34.91 LT	184473.52	637381.64	MATCH FLOW LINE
MA13	198+54.40	29.72 LT	184472.83	637387.07	
MA14	198+54.91	37.03 LT	184476.48	637380.71	
MA15	198+54.16	26.82 LT	184471.36	637389.58	MATCH FLOW LINE
MA16	198+59.16	26.79 LT	184475.84	637391.78	MATCH FLOW LINE
MA17	198+68.11	33.54 LT	184486.84	637389.59	
MA18	198+54.01	2.19 LT	184460.51	637411.68	MATCH FLOW LINE
MA19	198+59.02	2.18 LT	184465.01	637413.87	MATCH FLOW LINE
MA20	198+54.21	8.36 RT	184456.09	637421.27	MATCH FLOW LINE

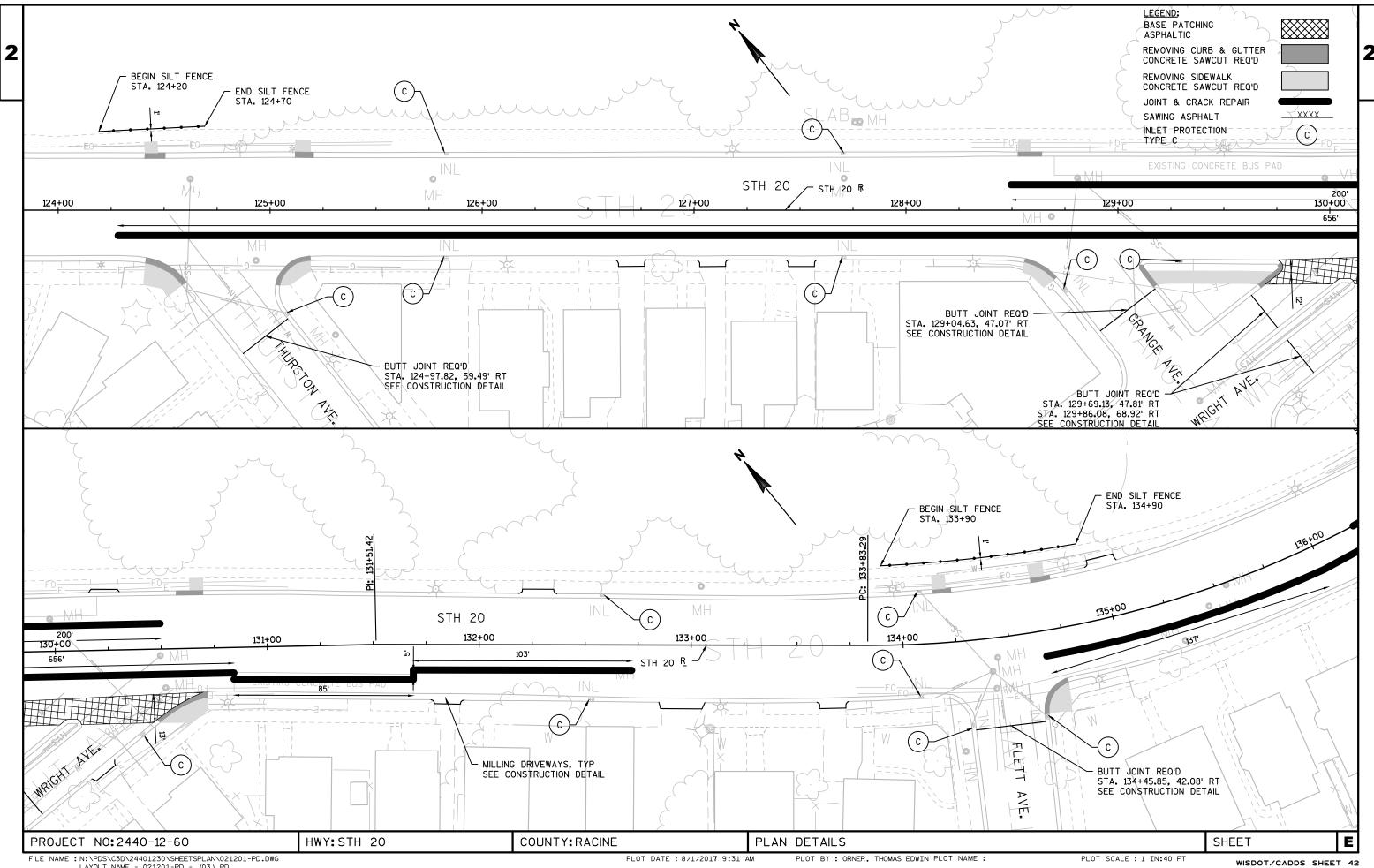
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	COMMENTS	
MA21	198+59.32	8.36 RT	184460.70	637423.49	MATCH FLOW LINE	
MA22	198+54.24	24.82 RT	184448.95	637436.10	MATCH FLOW LINE	
MA23	198+59.24	24.89 RT	184453.43	637438.34	MATCH FLOW LINE	
MA24	198+54.24	27.32 RT	184447.87	637438.35	MATCH EXISTING	
MA25	198+59.24	27.39 RT	184452.34	637440.59	MATCH EXISTING	
MA26	198+51.81	8.35 RT	184453.94	637420.22	MATCH FLOW LINE	
MA27	198+51.73	2.20 LT	184458.46	637410.69	MATCH FLOW LINE	
MA28	198+58.10	35.85 LT	184478.83	637383.15		

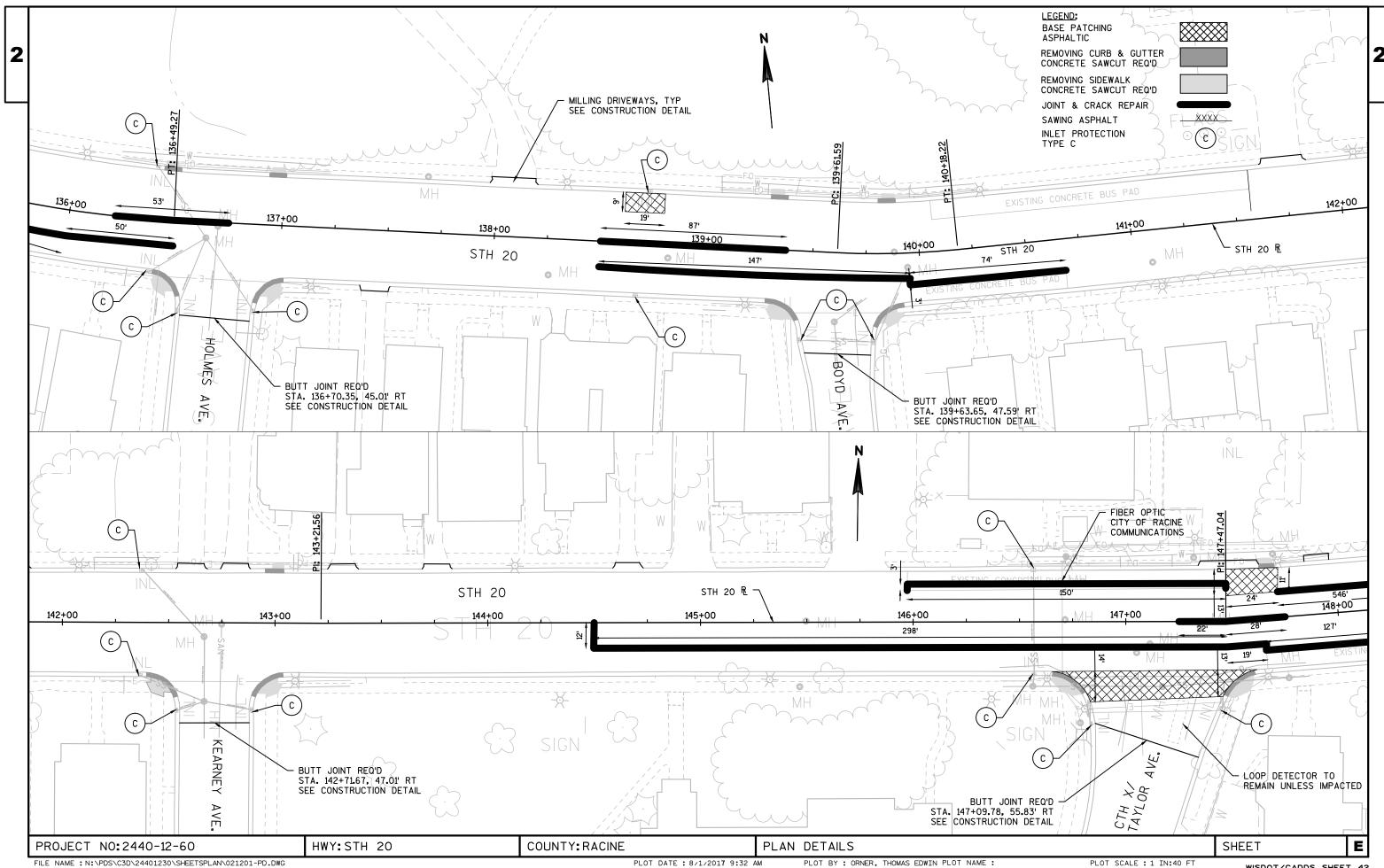
NOTE: CURB RAMP POINTS ARE APPROXIMATE. ENGINEER IN THE FIELD TO DETERMINE EXACT LOCATIONS.

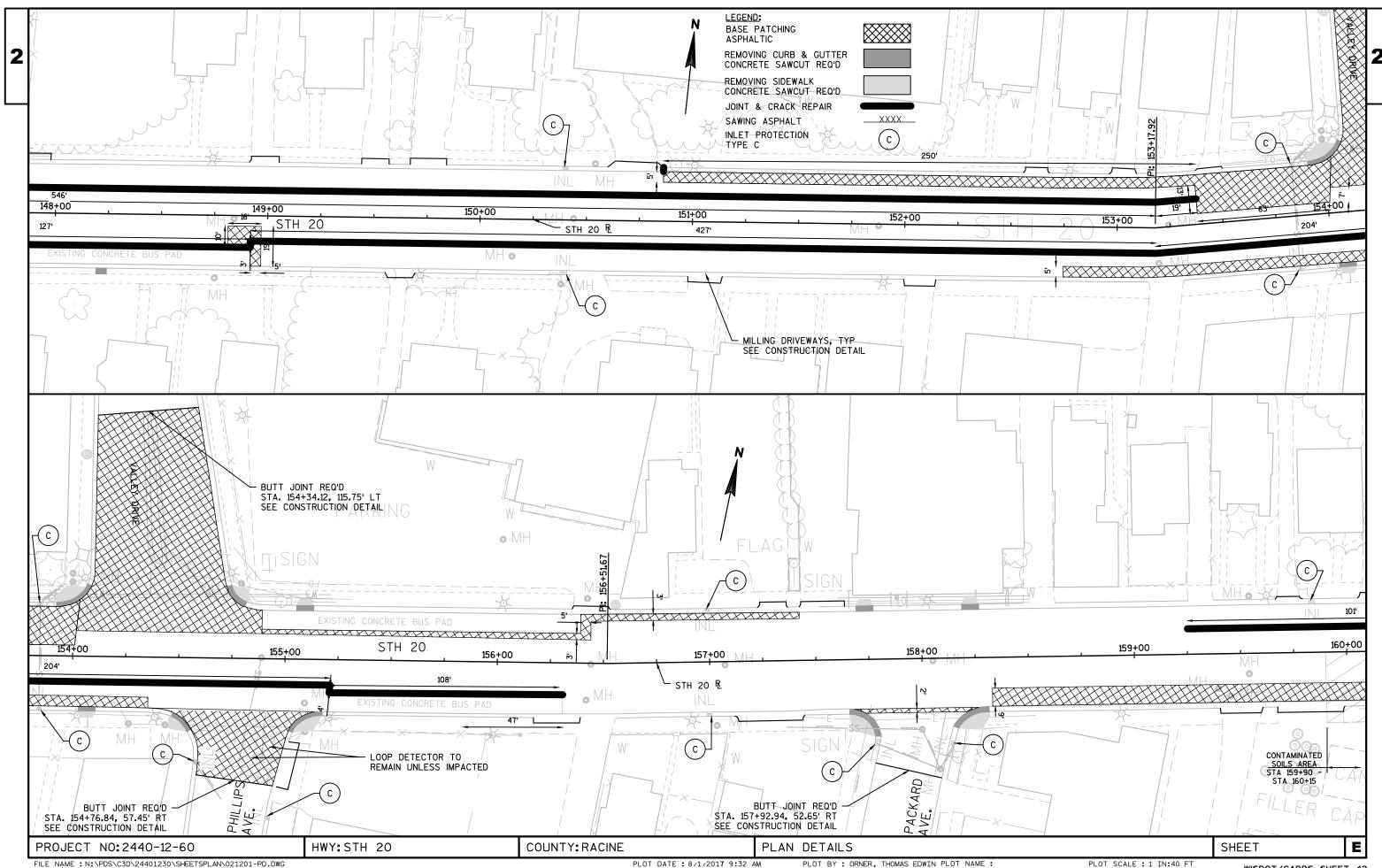
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	COMMENTS
N1	199+17.85	32.85 LT	184531.32	637411.86	MATCH FLOW LINE
N2	199+19.58	26.67 LT	184530.19	637418.18	MATCH FLOW LINE
N3	199+11.62	32.83 LT	184525.71	637409.17	MATCH EXISTING
N4	199+11.63	26.78 LT	184523.09	637414.63	MATCH EXISTING
N5	199+44.83	27.93 LT	184555.13	637429.98	MATCH FLOW LINE
N6	199+49.49	26.11 LT	184558.21	637433.92	MATCH FLOW LINE
N7	199+42.07	33.84 LT	184555.77	637423.49	MATCH EXISTING
N8	199+45.96	30.80 LT	184557.56	637428.09	MATCH EXISTING
N9	199+50.59	28.92 LT	184560.59	637432.07	MATCH EXISTING
N10	199+55.66	28.26 LT	184564.61	637435.22	MATCH EXISTING
N11	199+26.28	26.97 RT	184512.88	637469.39	MATCH FLOW LINE
N12	199+31.46	31.96 RT	184515.38	637476.14	MATCH FLOW LINE
N13	199+23.76	26.97 RT	184510.62	637468.29	
N14	199+23.77	31.97 RT	184508.45	637472.80	
N15	199+85.10	31.30 RT	184559.54	637501.47	MATCH FLOW LINE
N16	199+88.72	27.84 RT	184564.41	637500.34	MATCH FLOW LINE
N17	199+87.25	33.49 RT	184560.27	637504.44	MATCH EXISTING
N18	199+89.63	32.35 RT	184562.90	637504.68	MATCH EXISTING
N19	199+91.41	30.59 RT	184565.33	637504.08	MATCH EXISTING
N20	199+06.63	26.34 LT	184518.39	637412.84	MATCH EXISTING

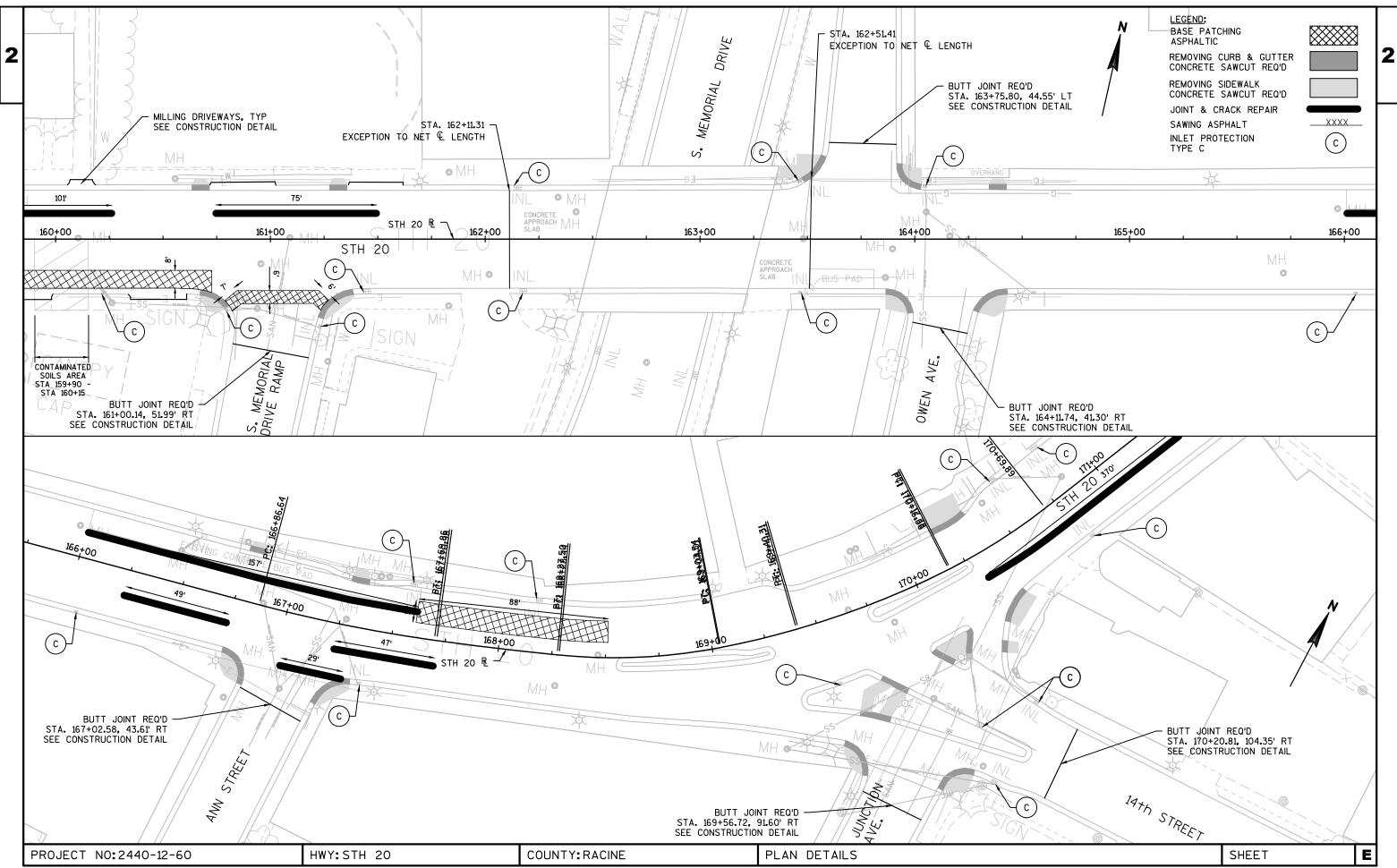
PROJECT NO:2440-12-60 HWY:STH 20 COUNTY:RACINE CURB RAMP DETAILS SHEET **E**

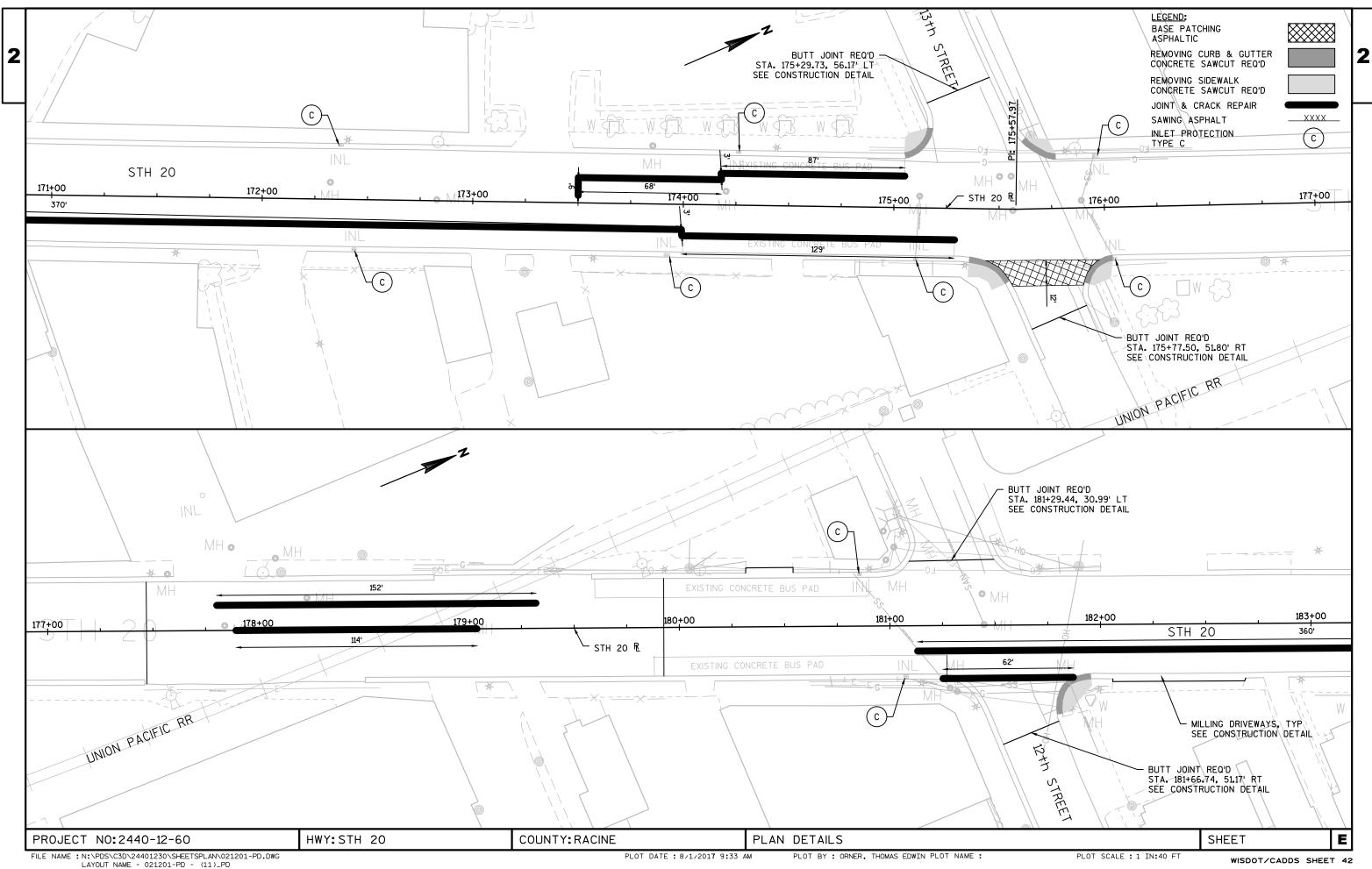


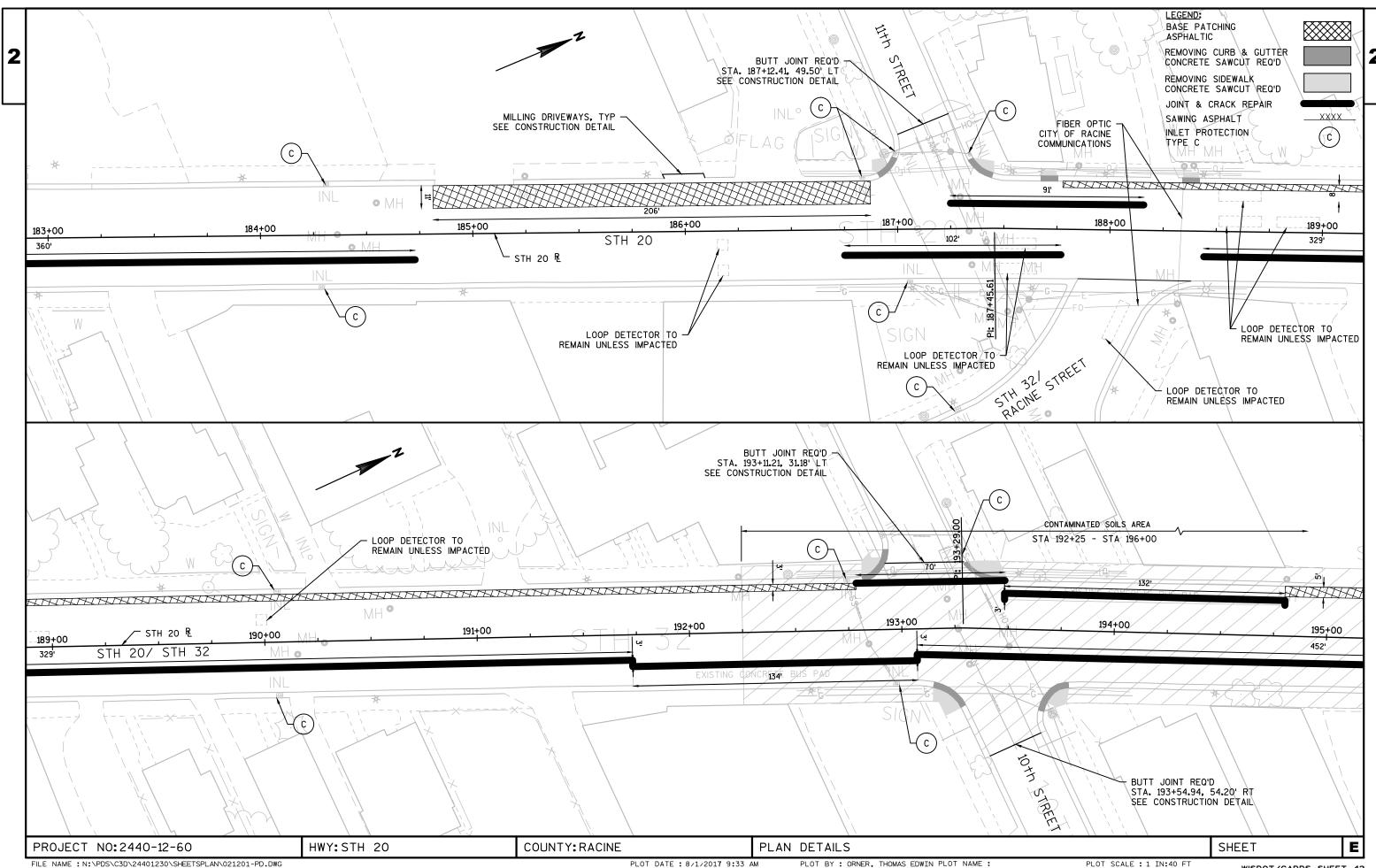


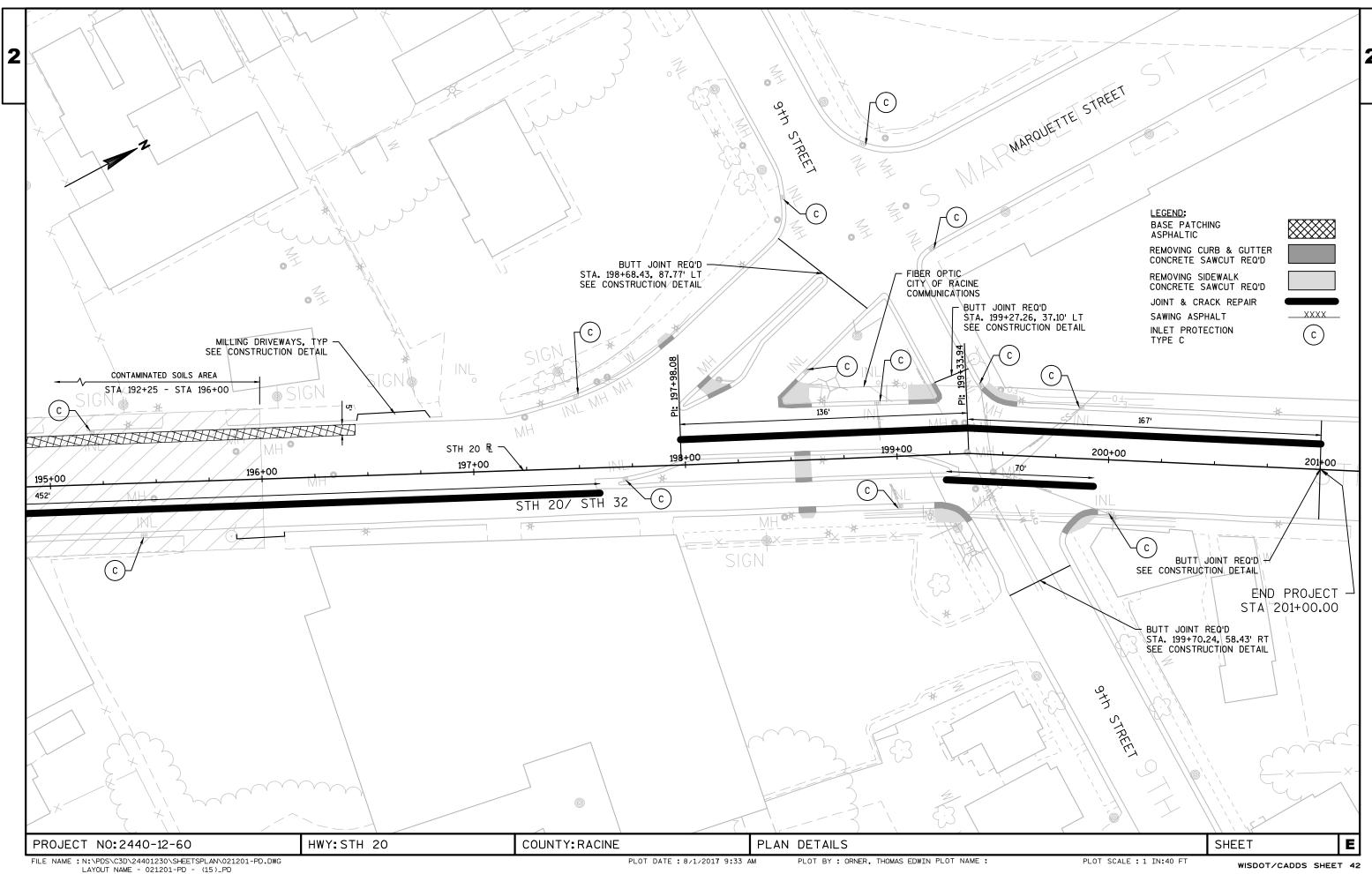


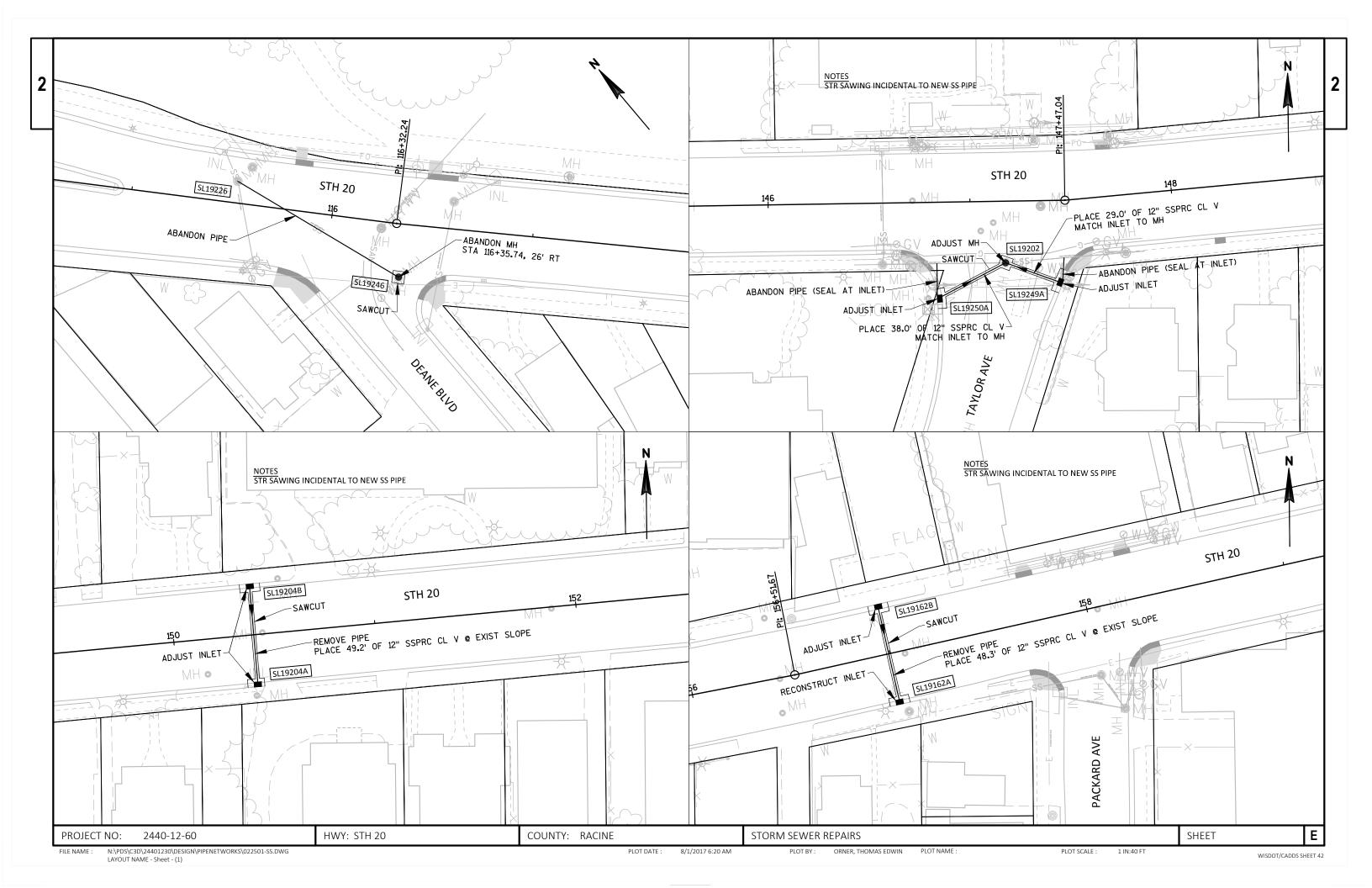


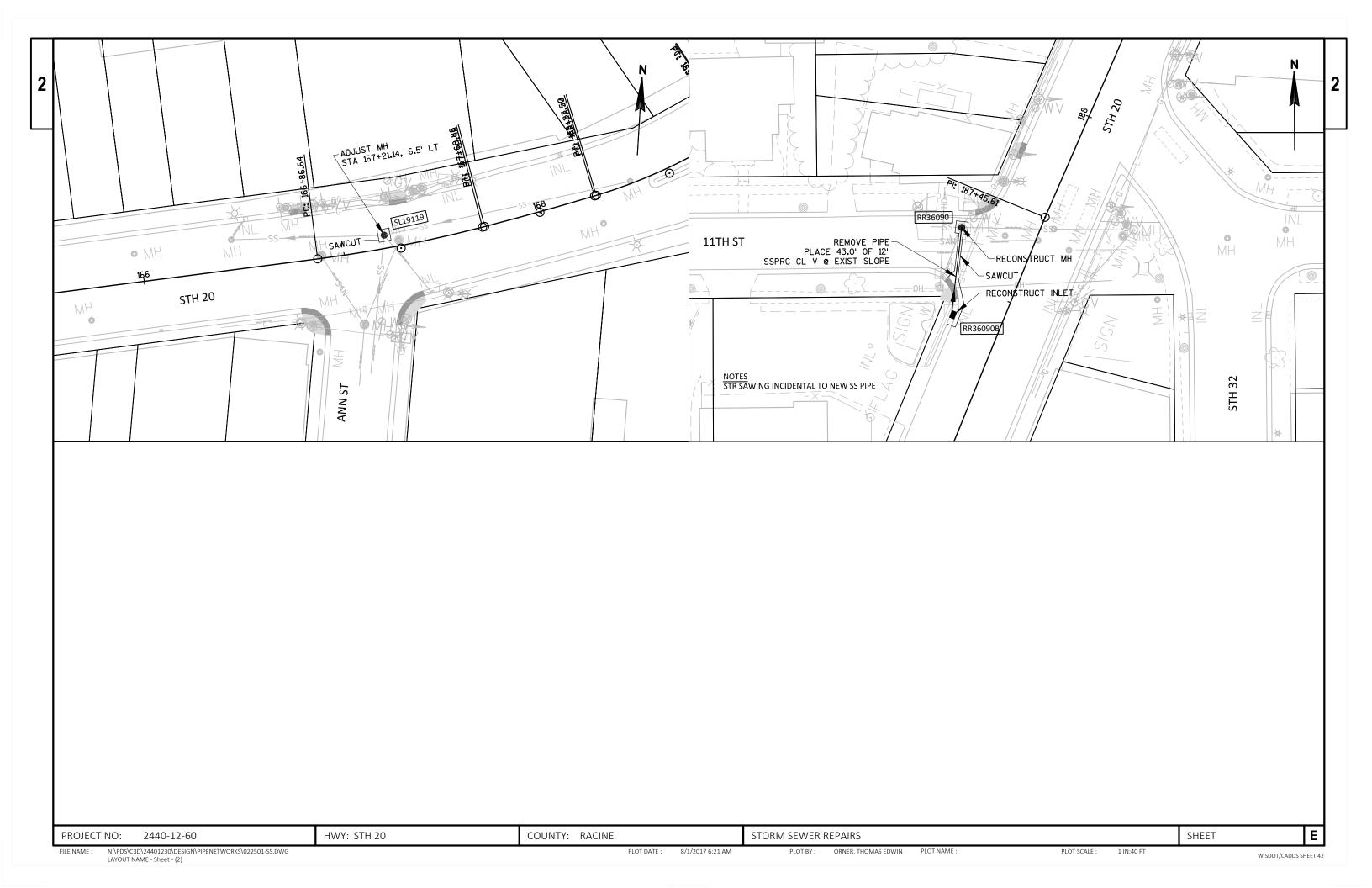


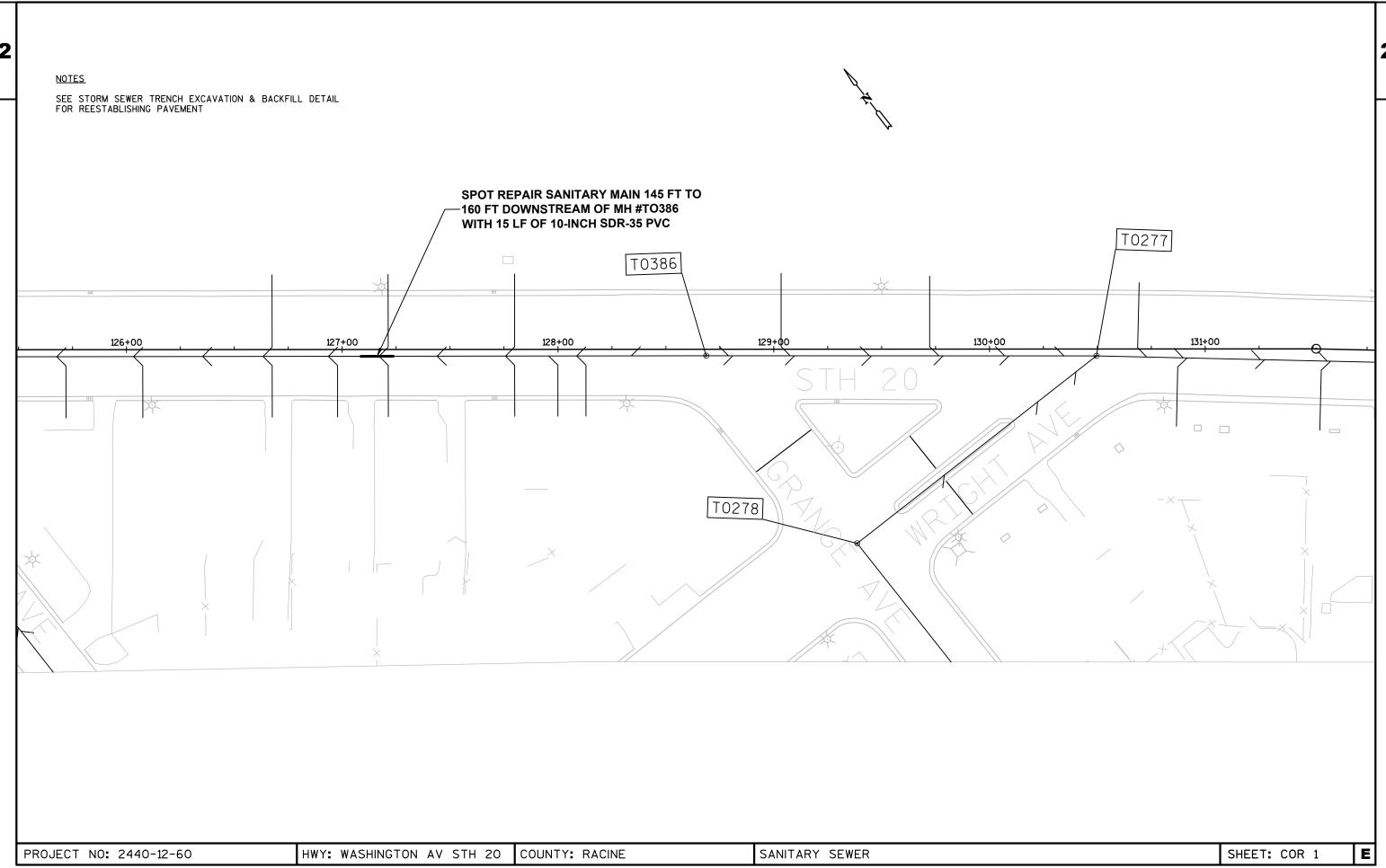


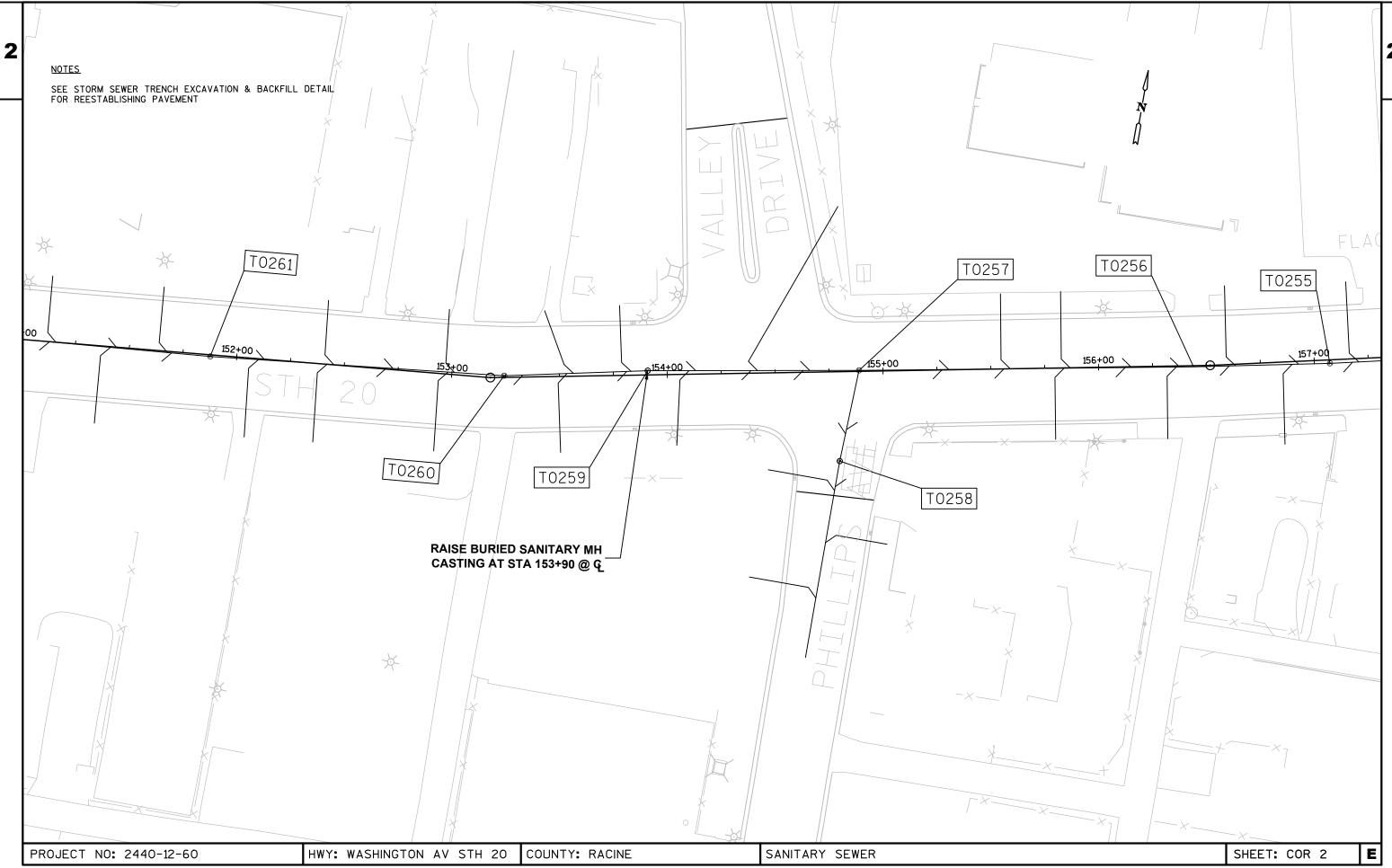


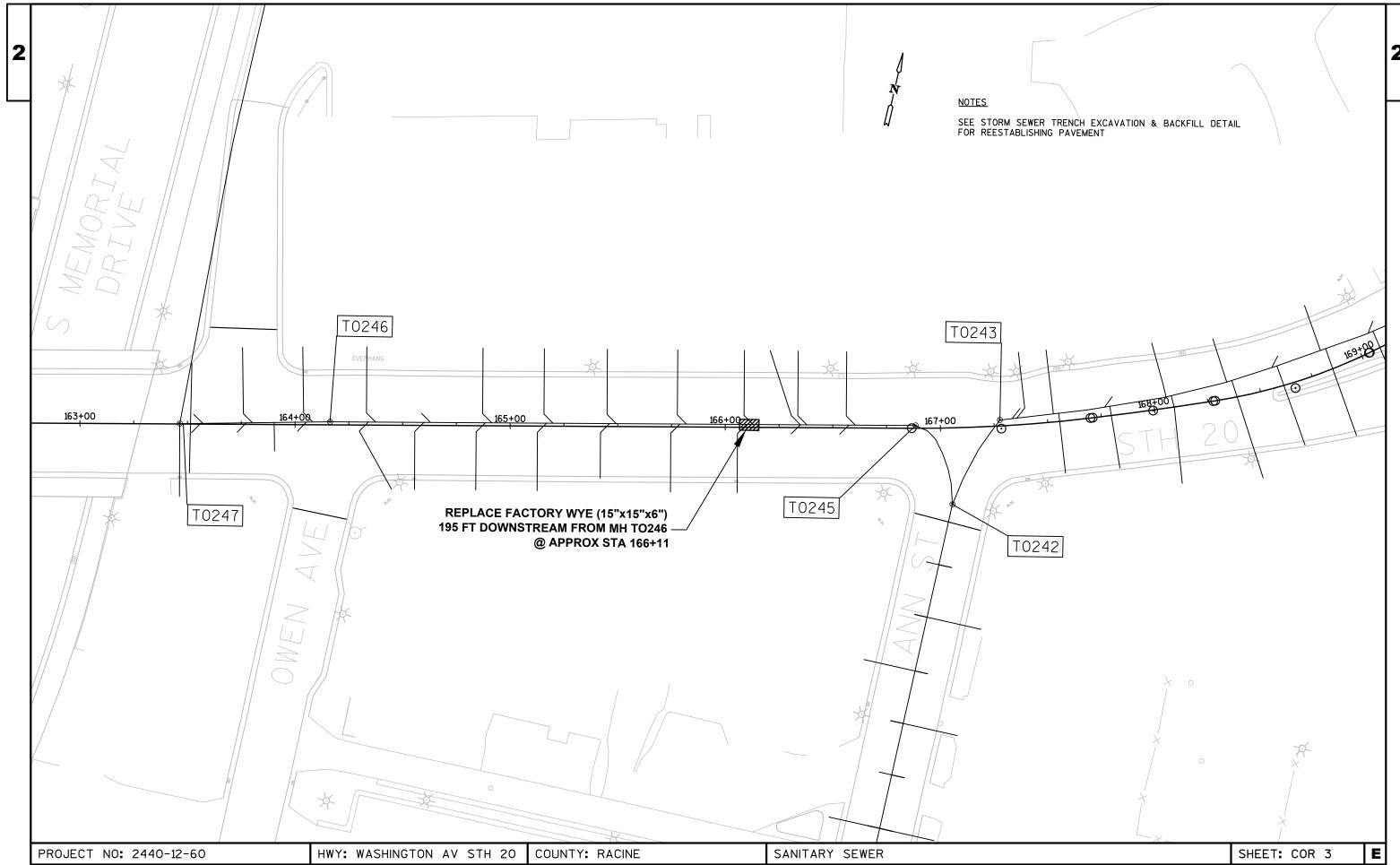


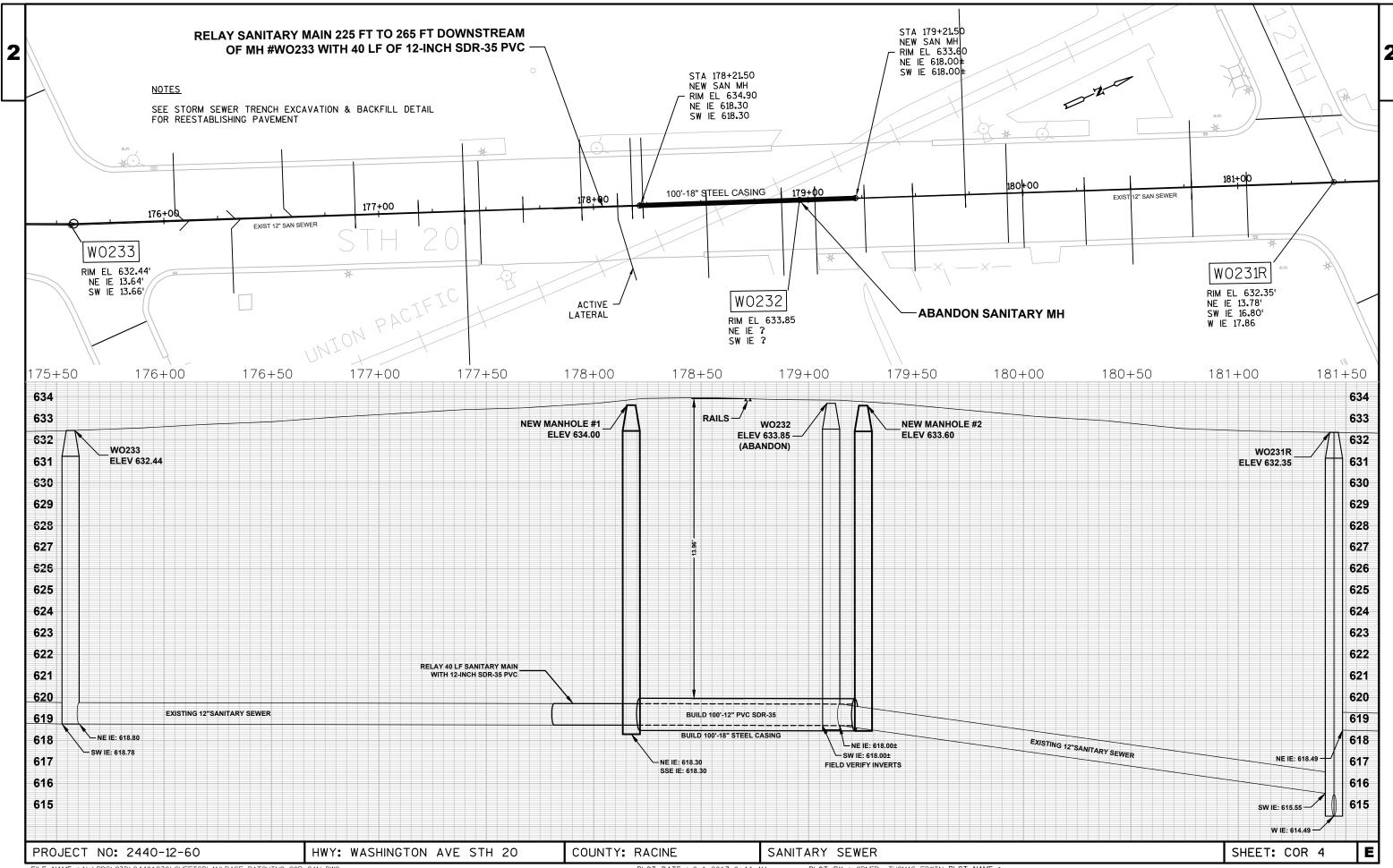


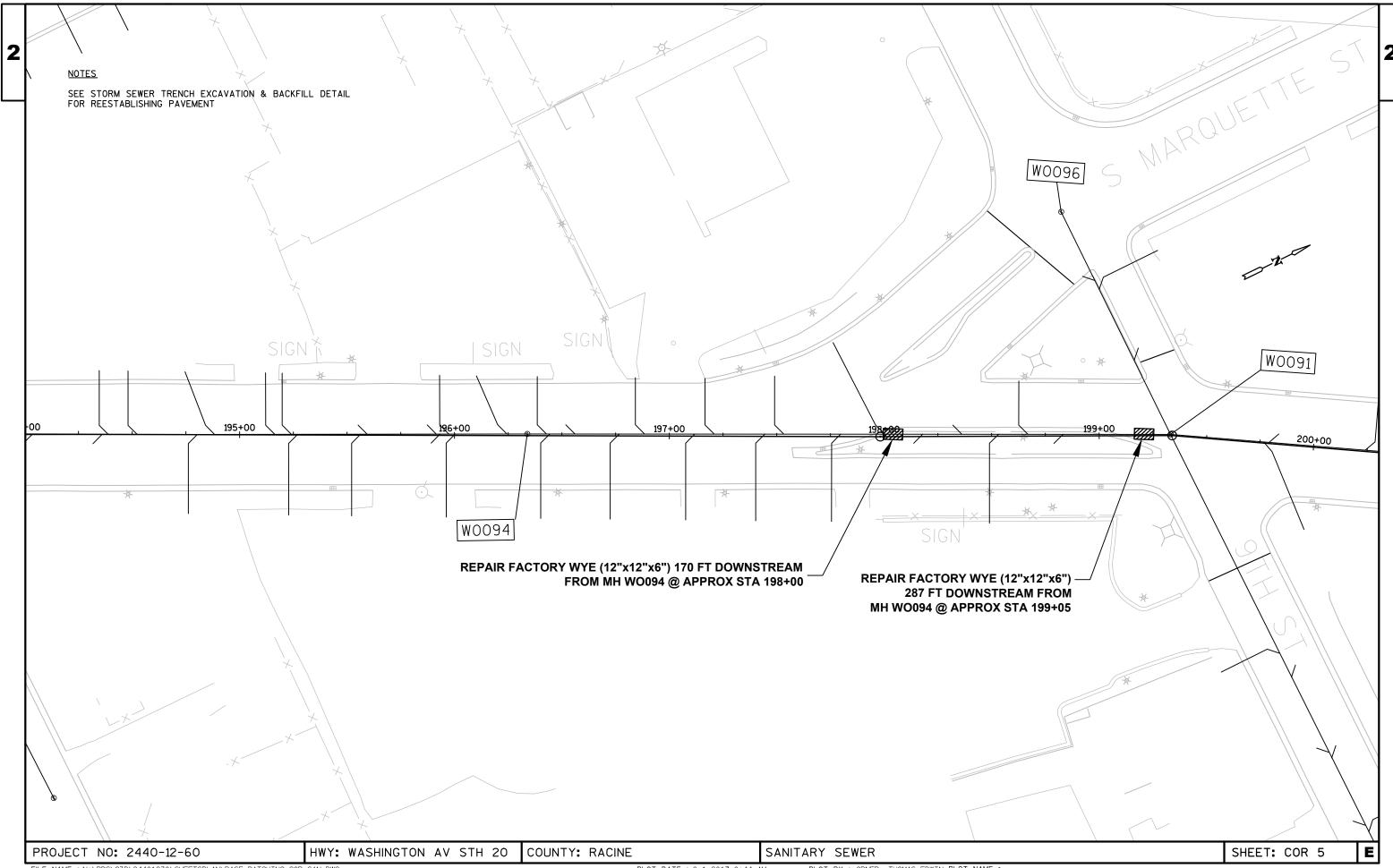


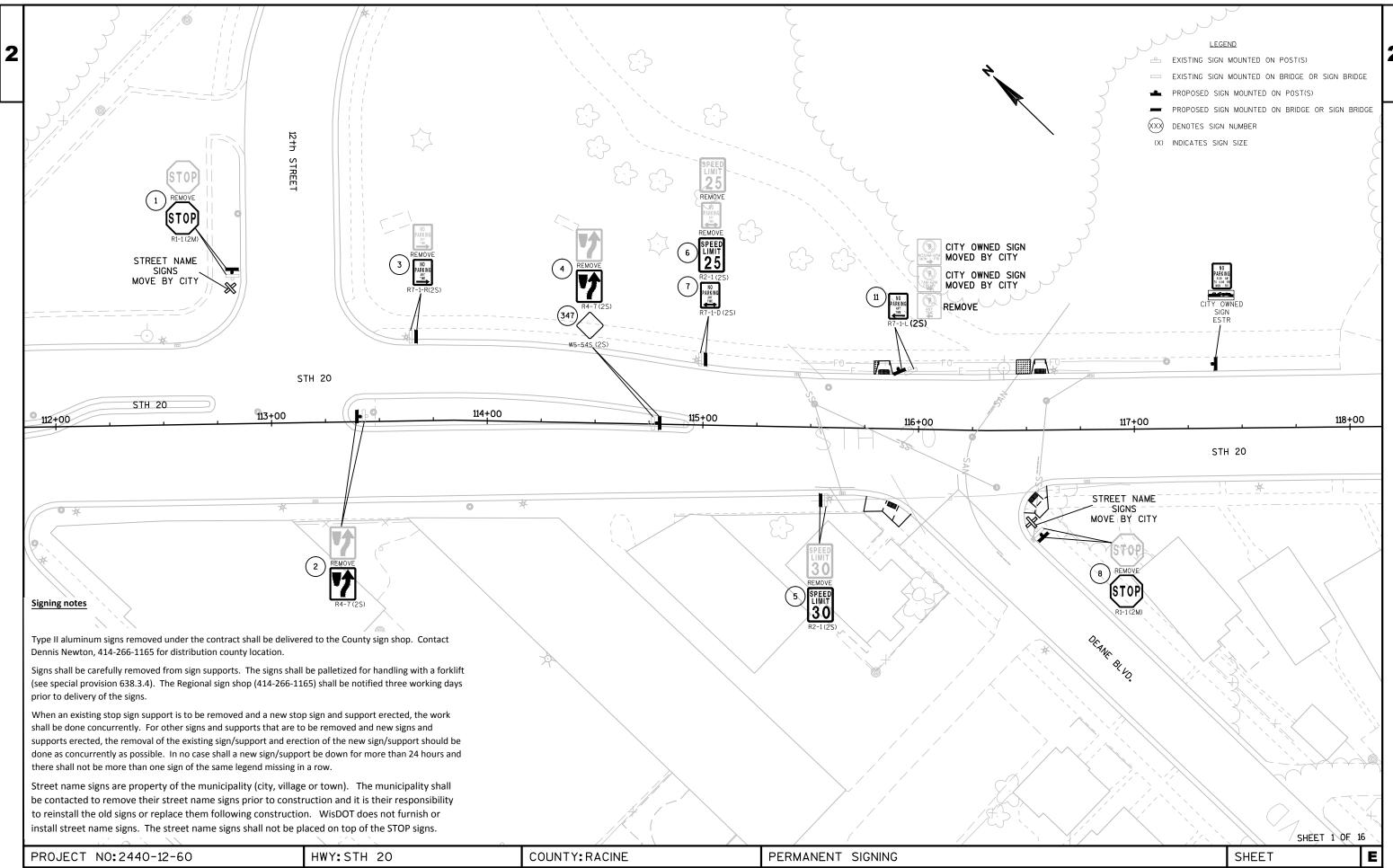


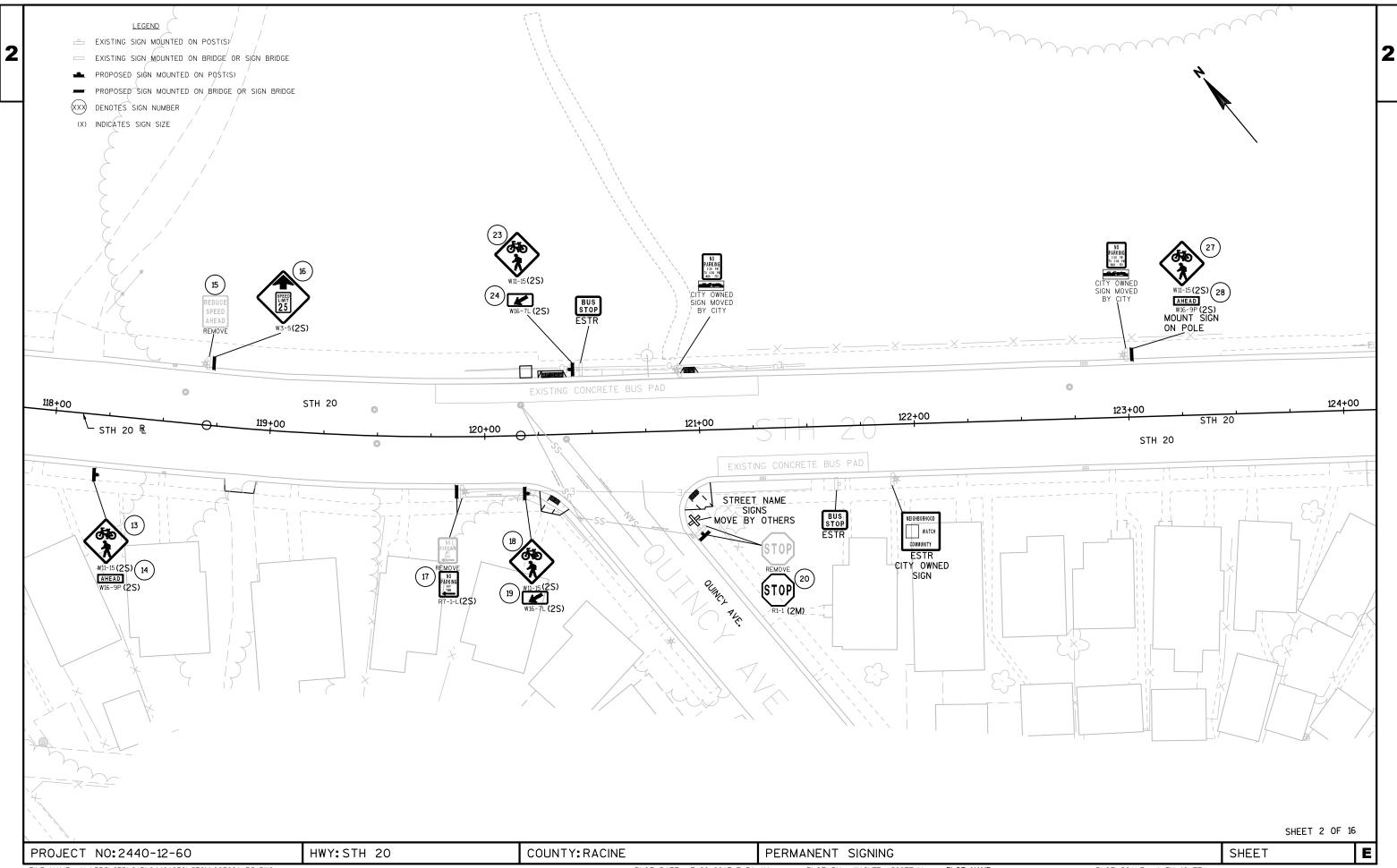


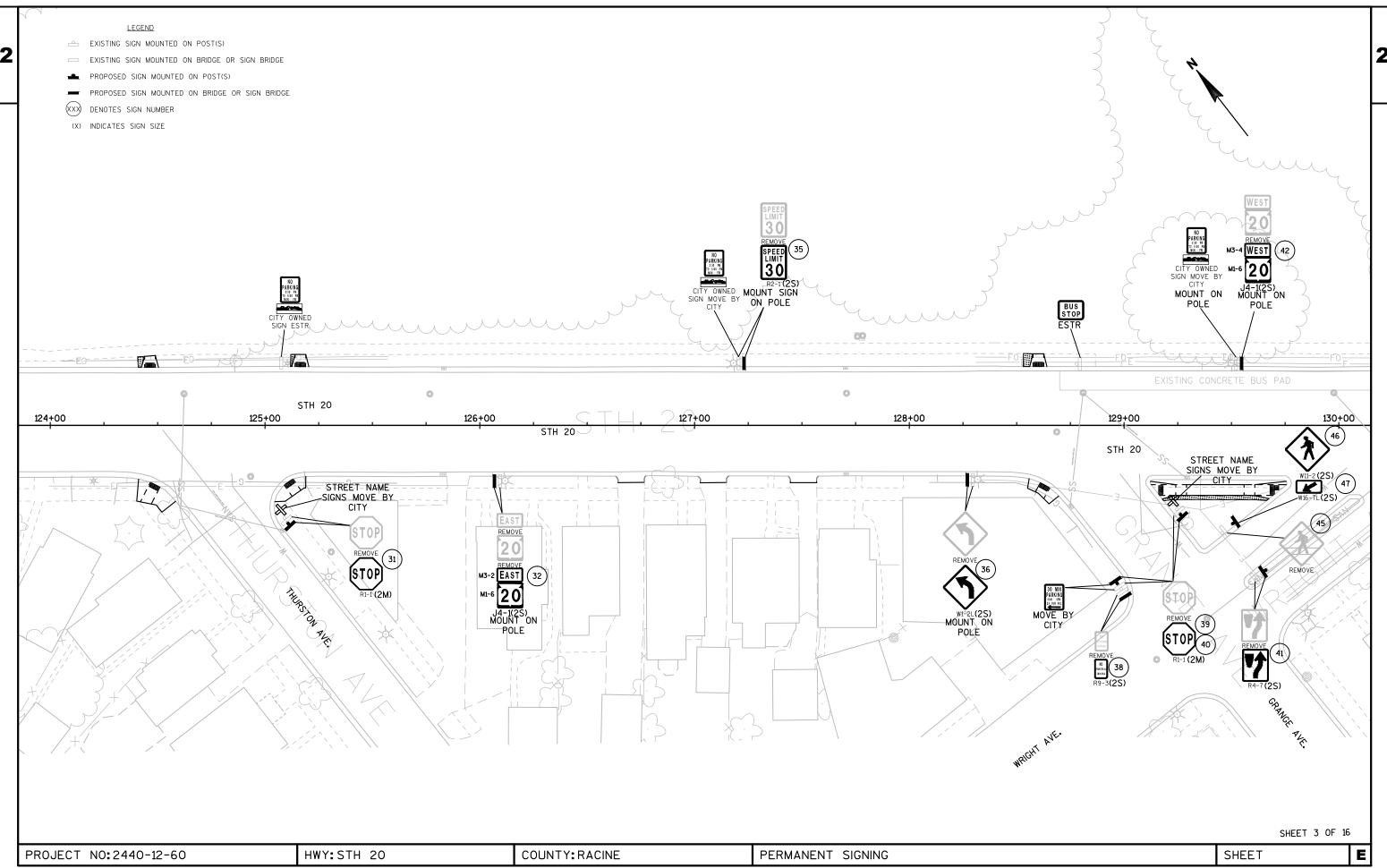


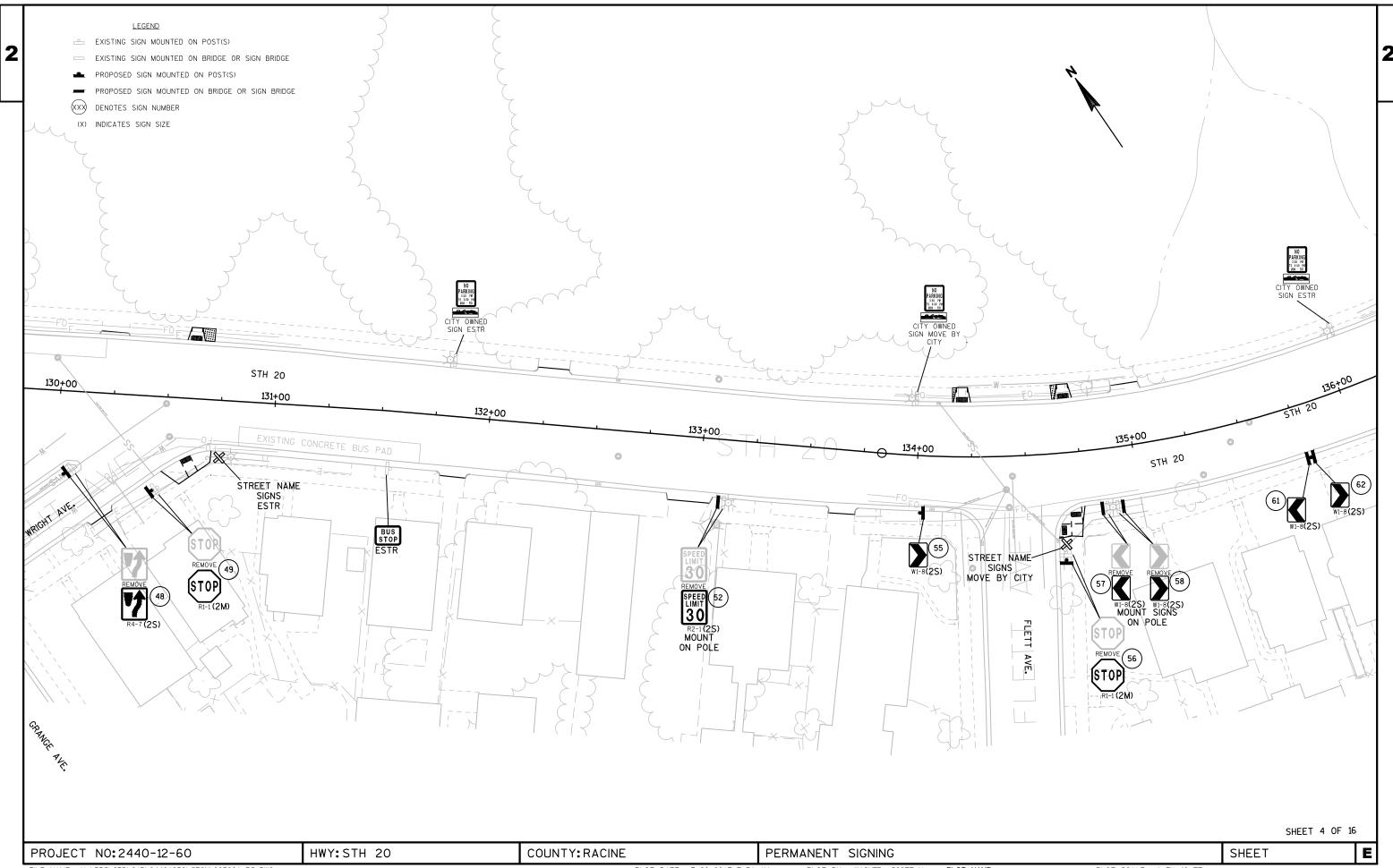


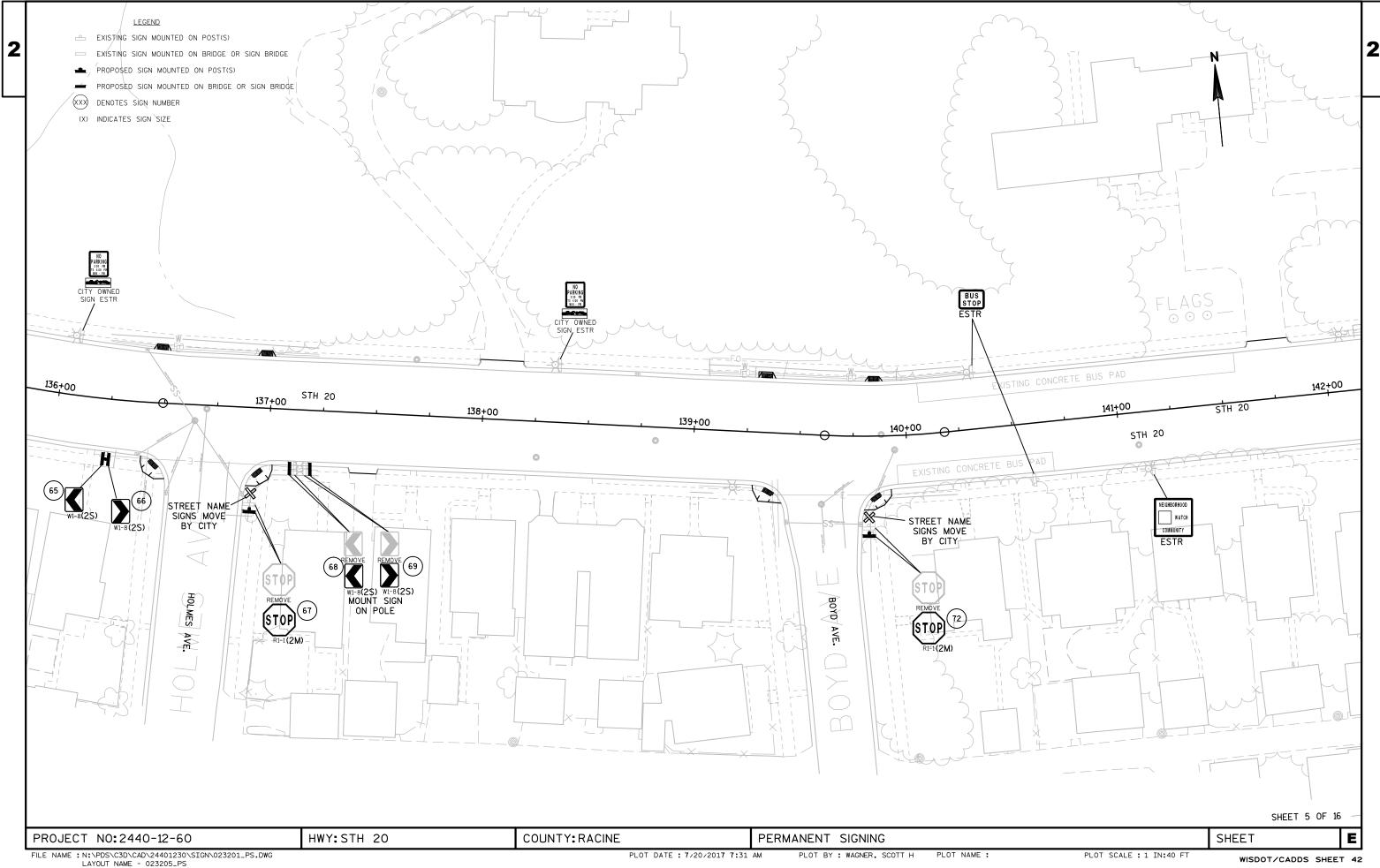


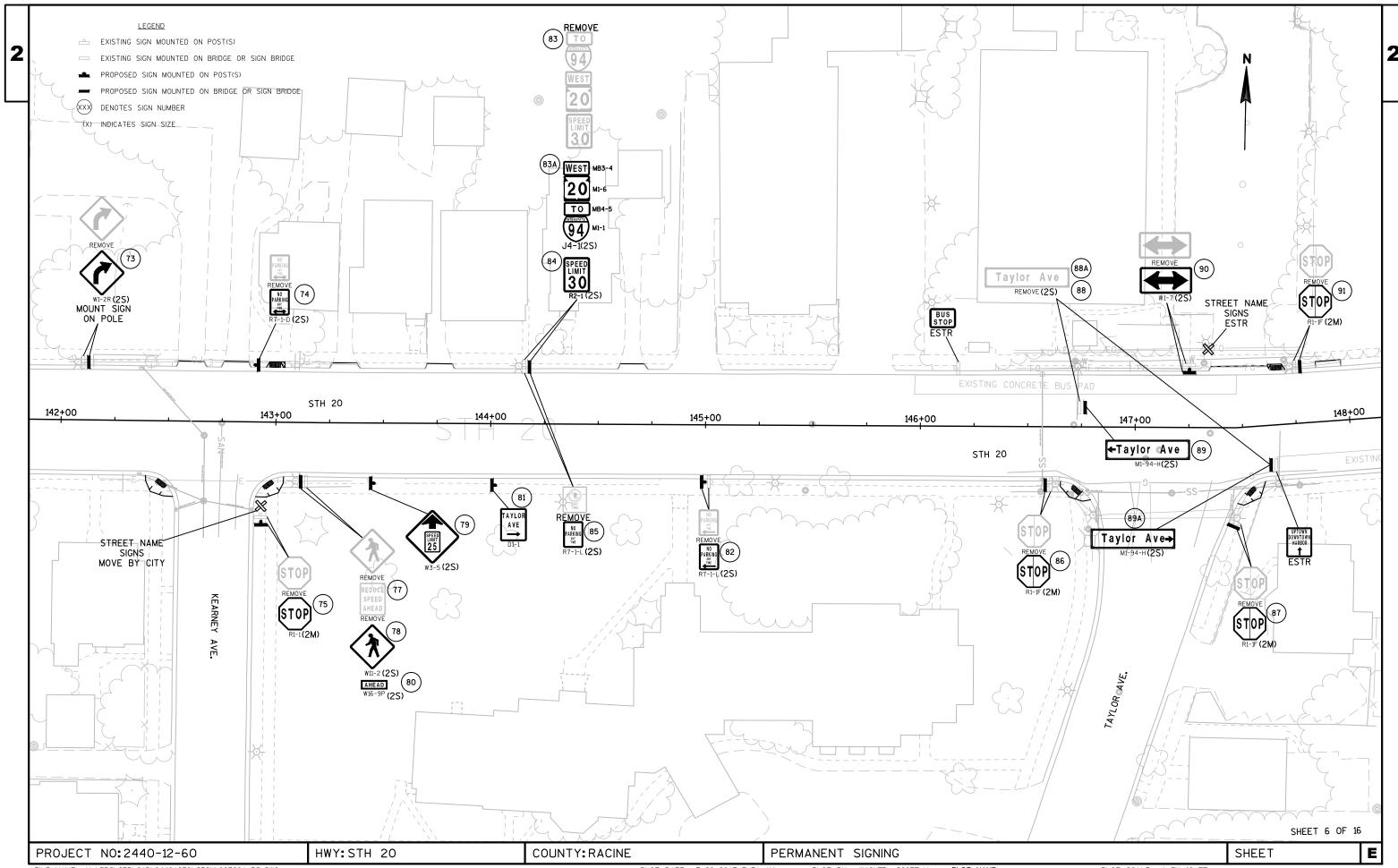


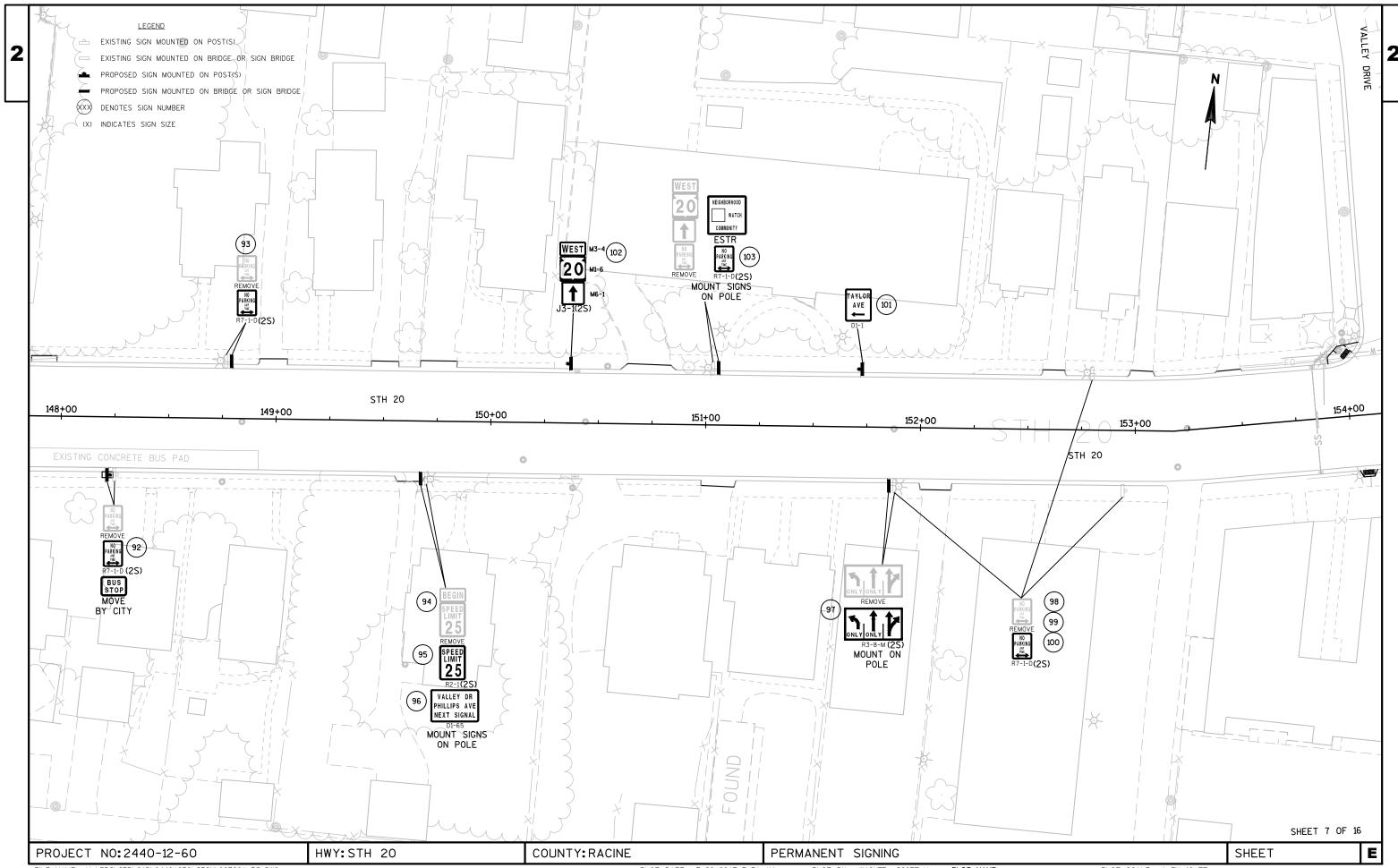


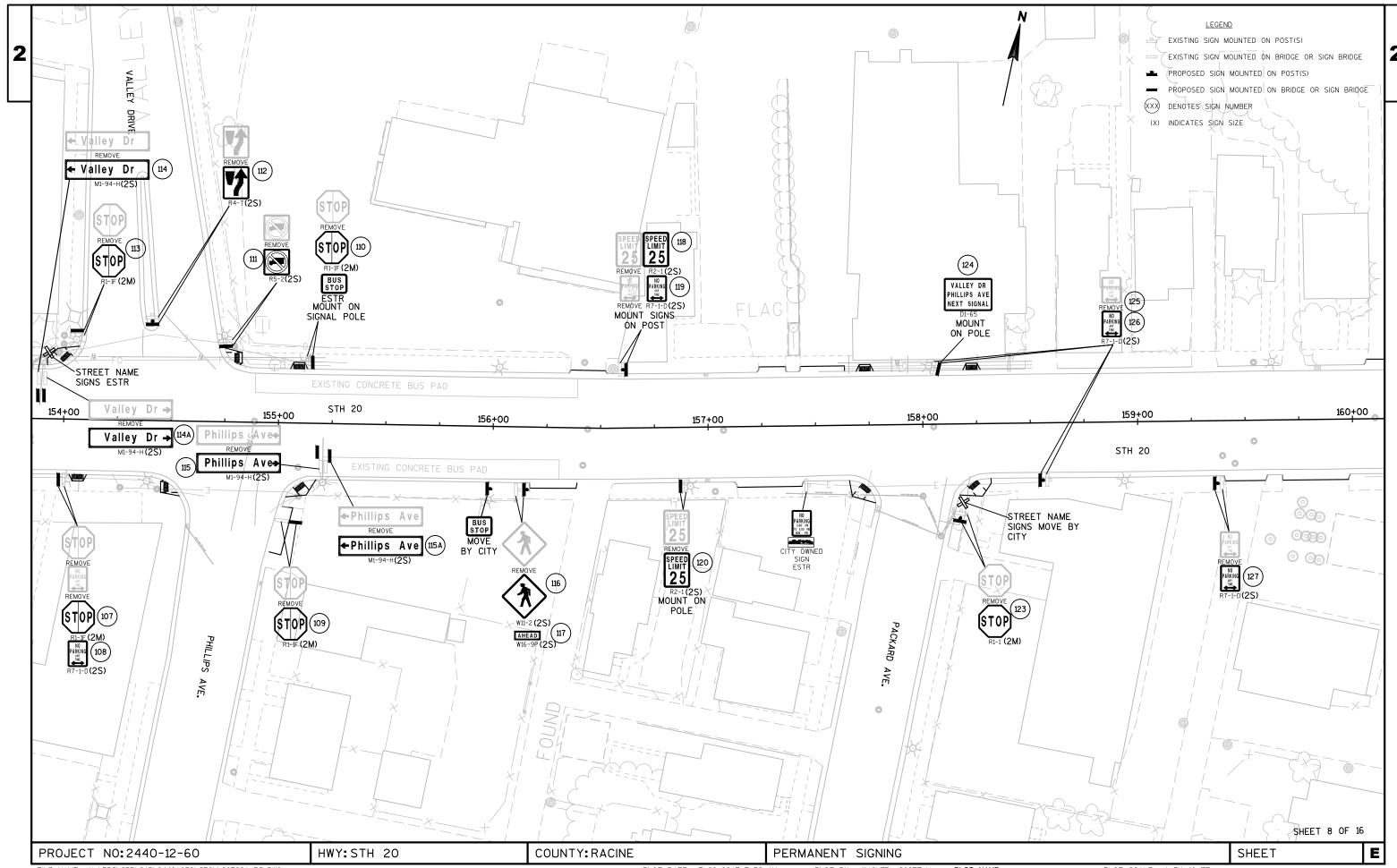


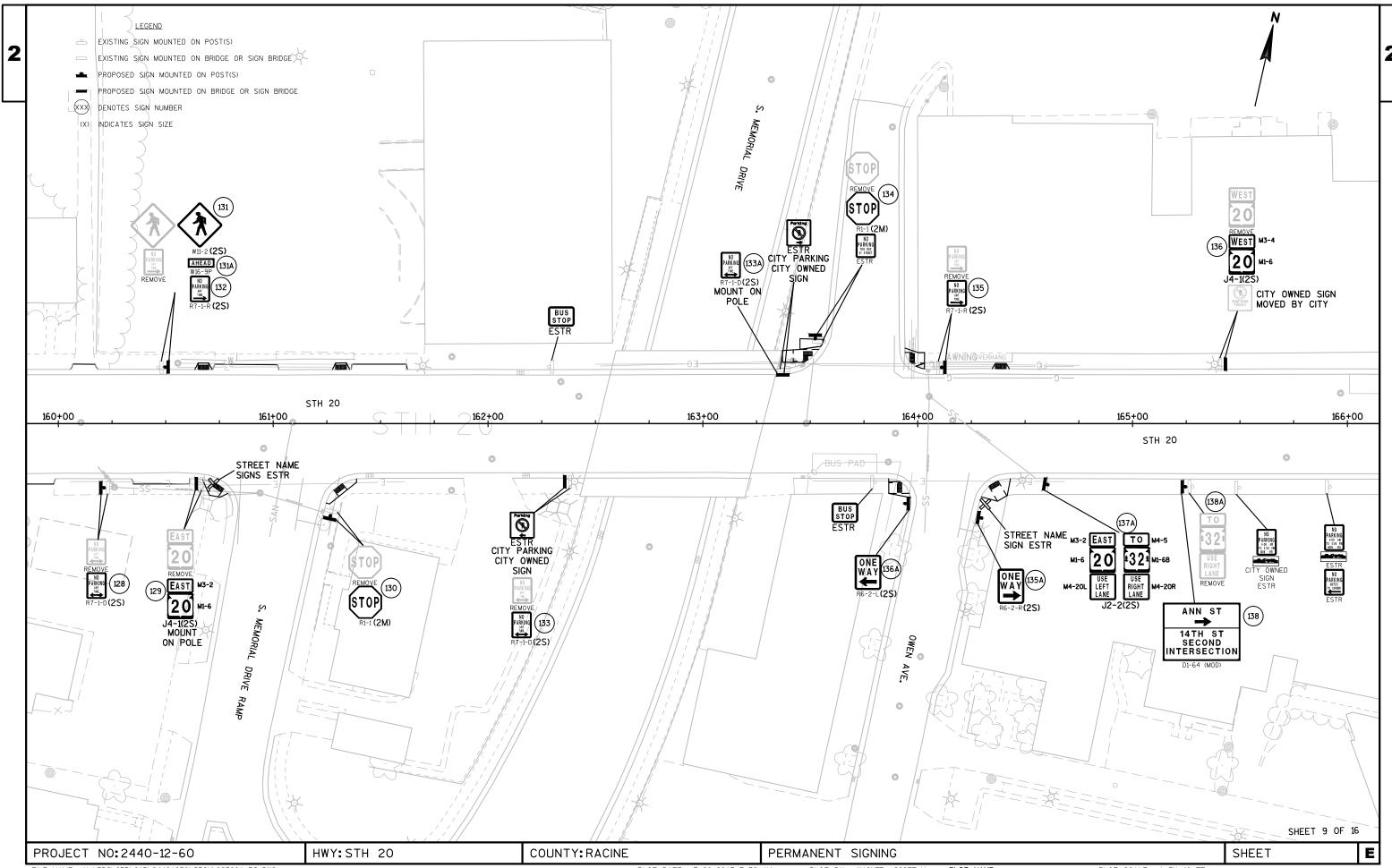


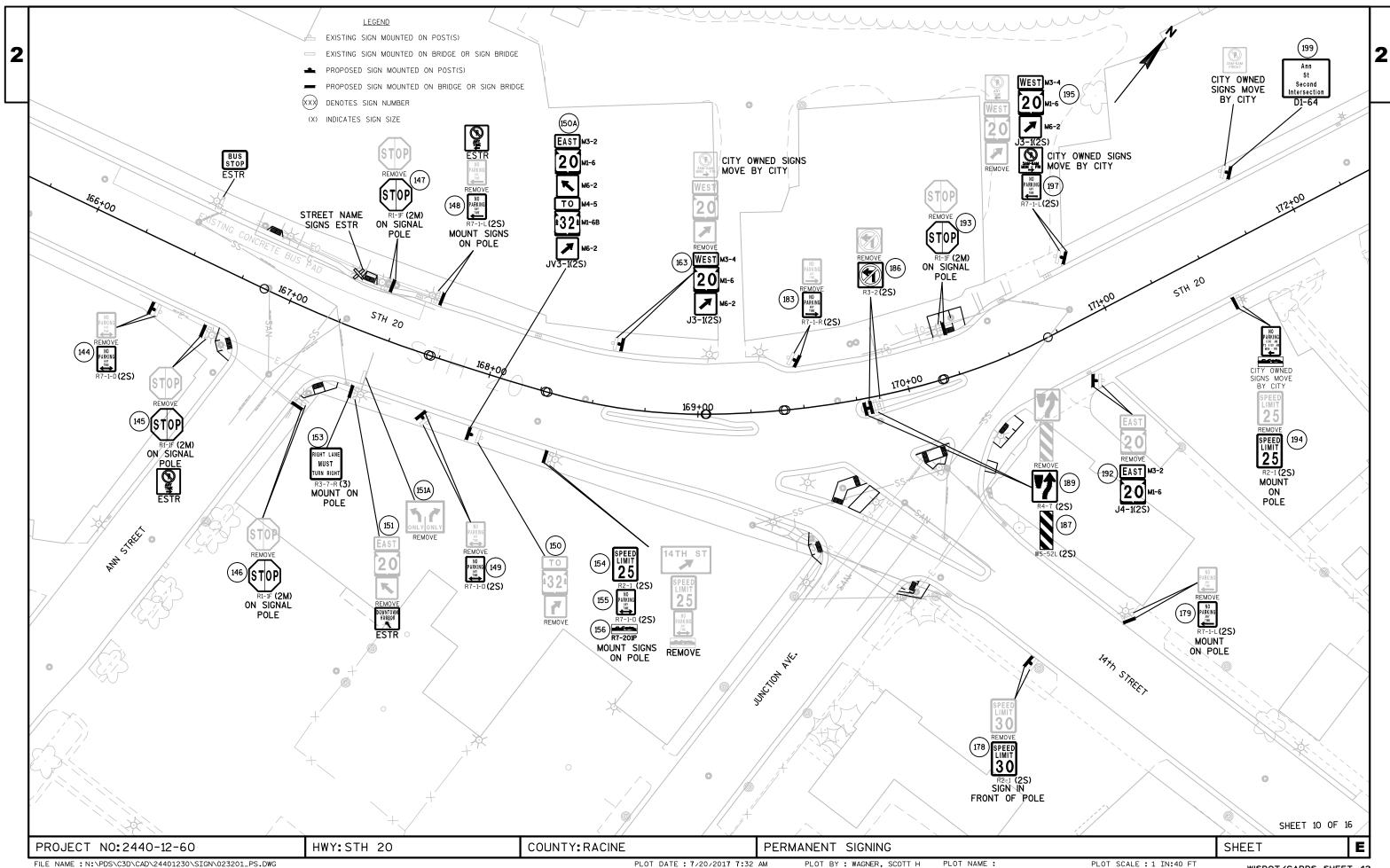


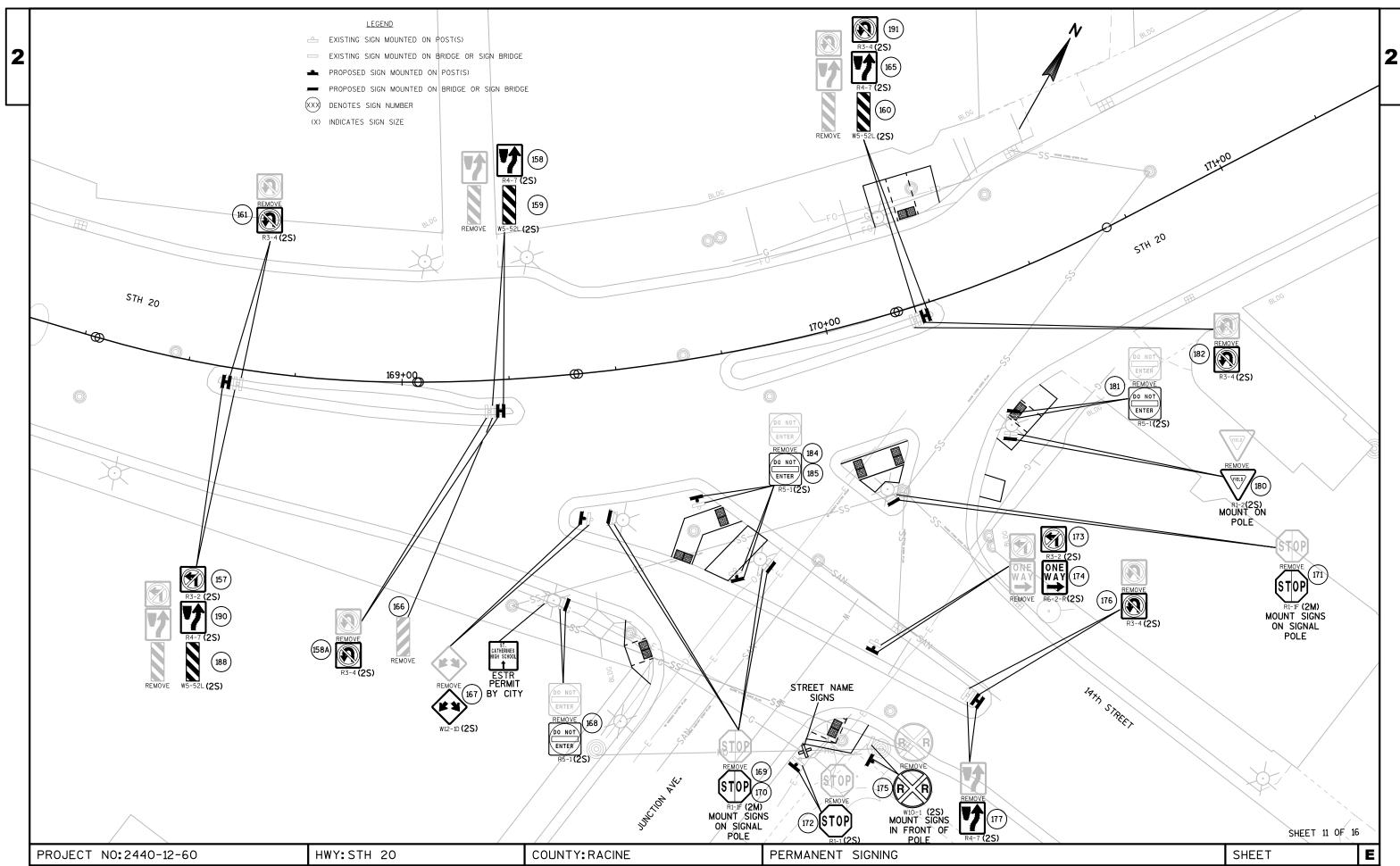


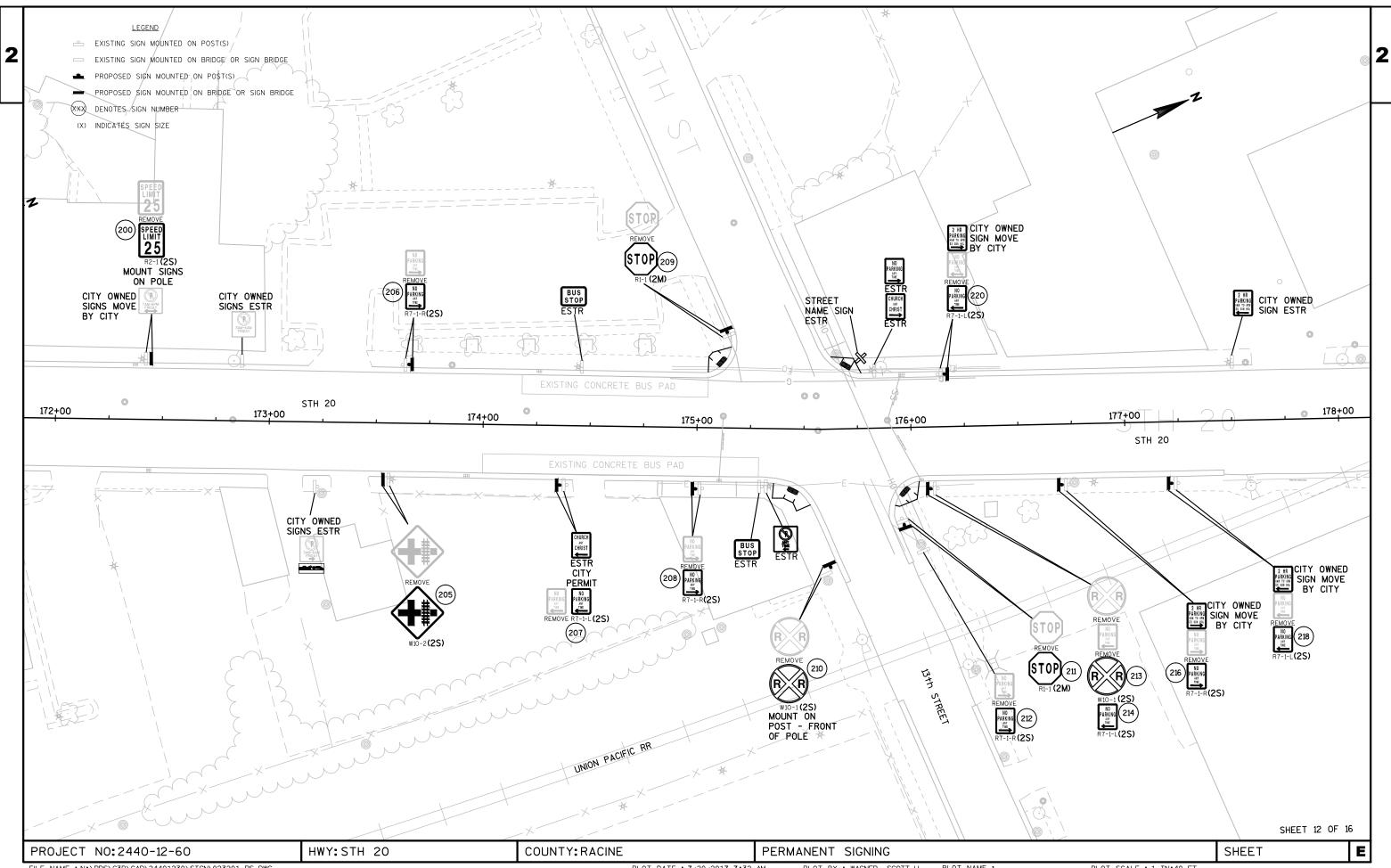


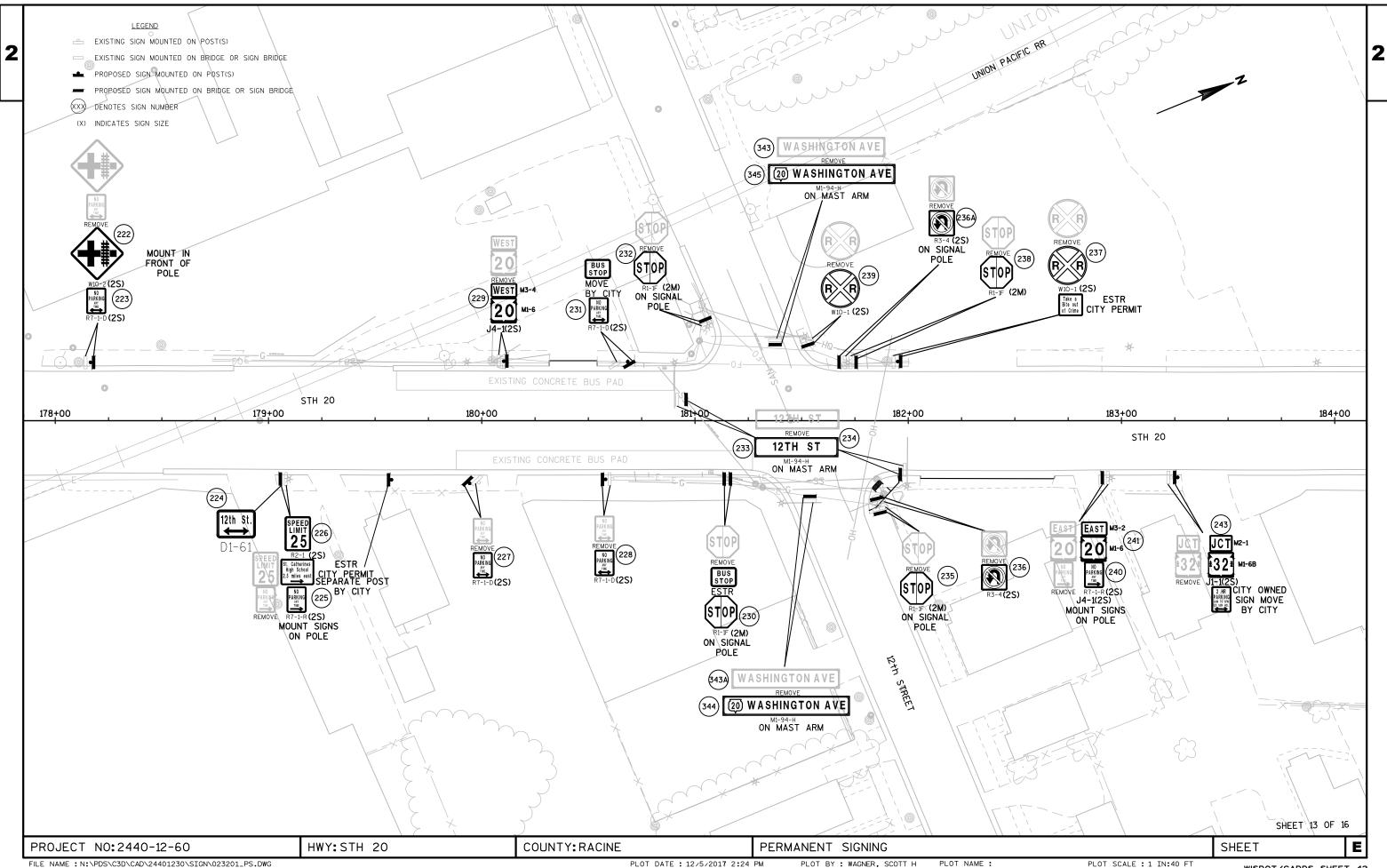


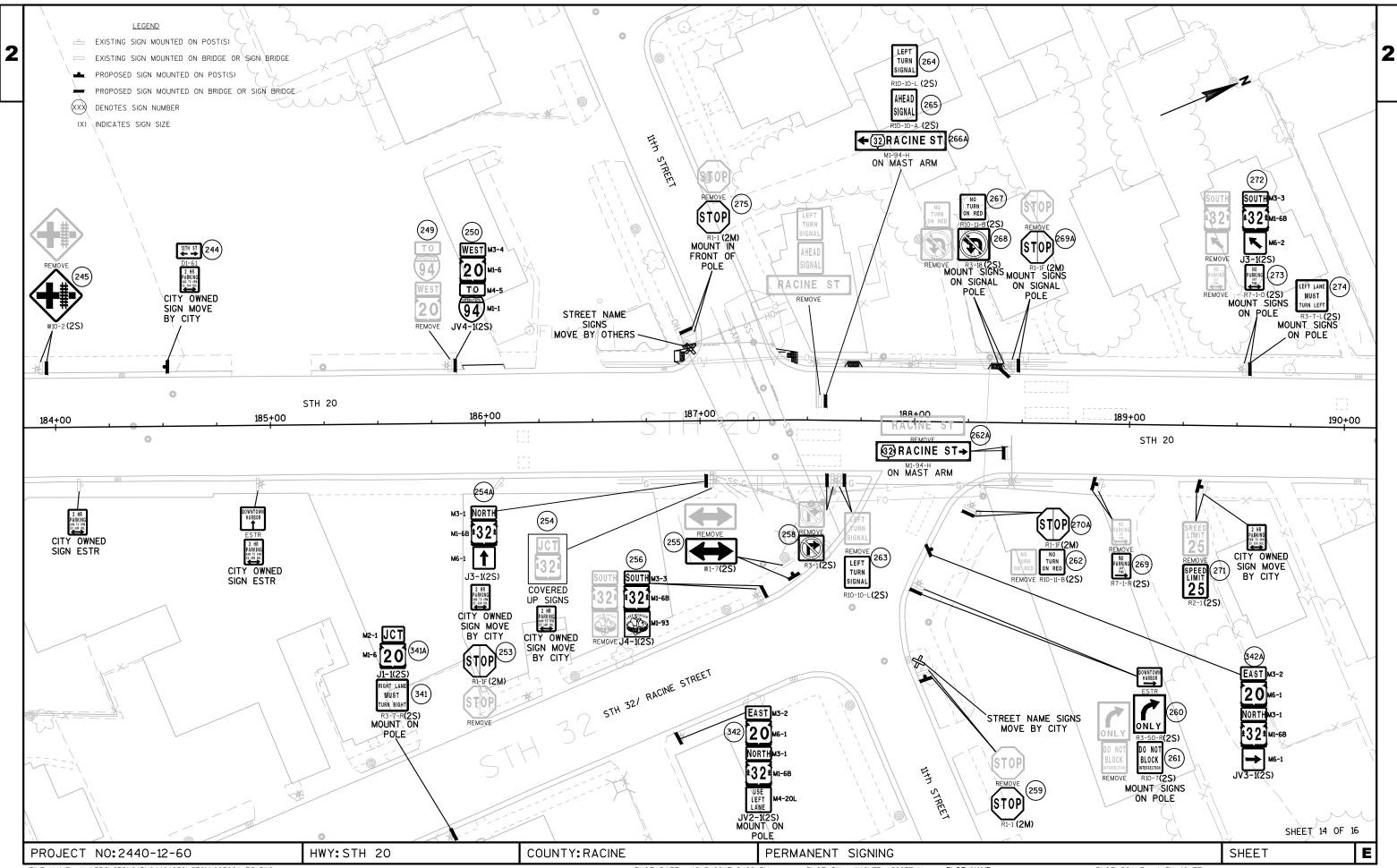


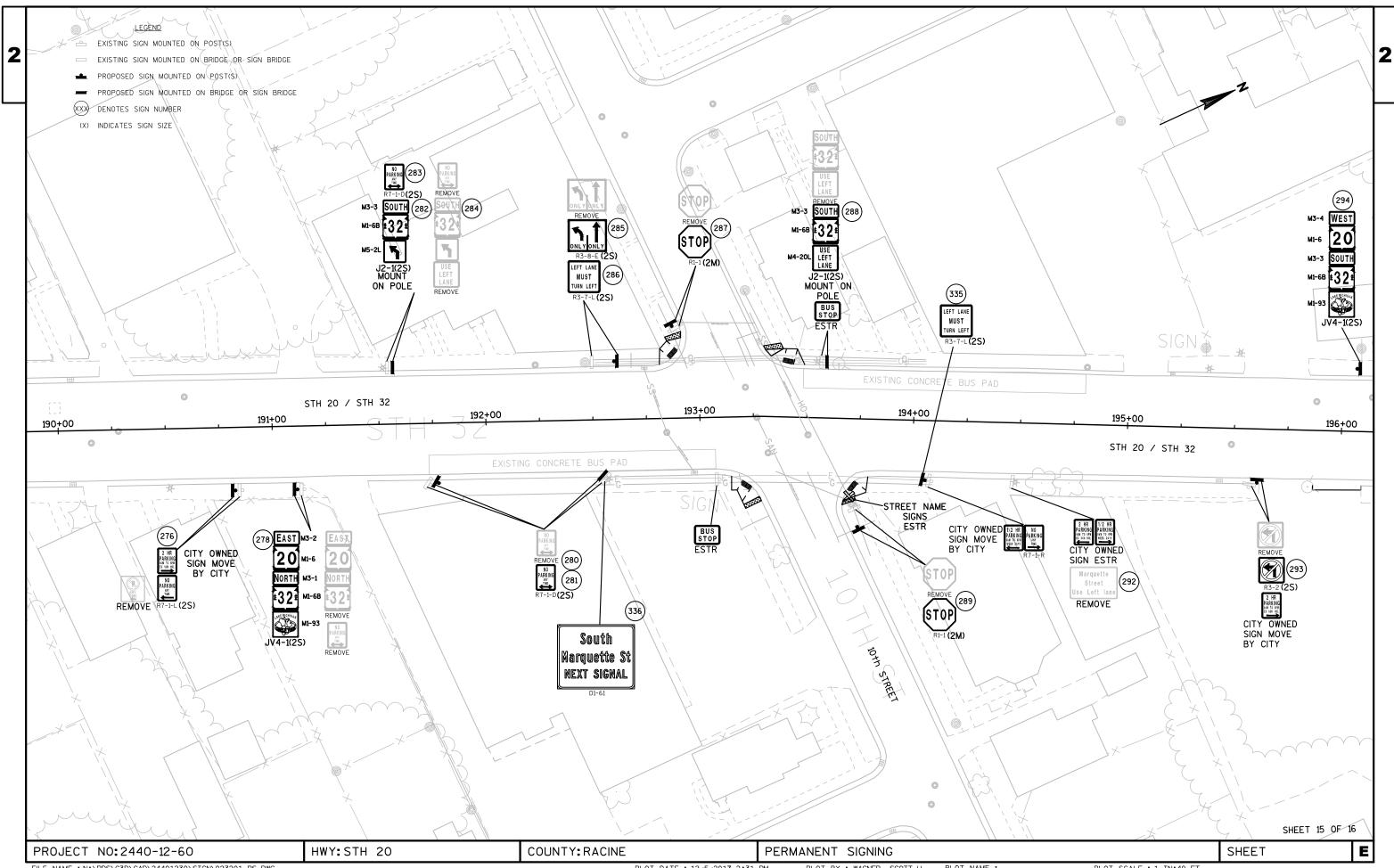


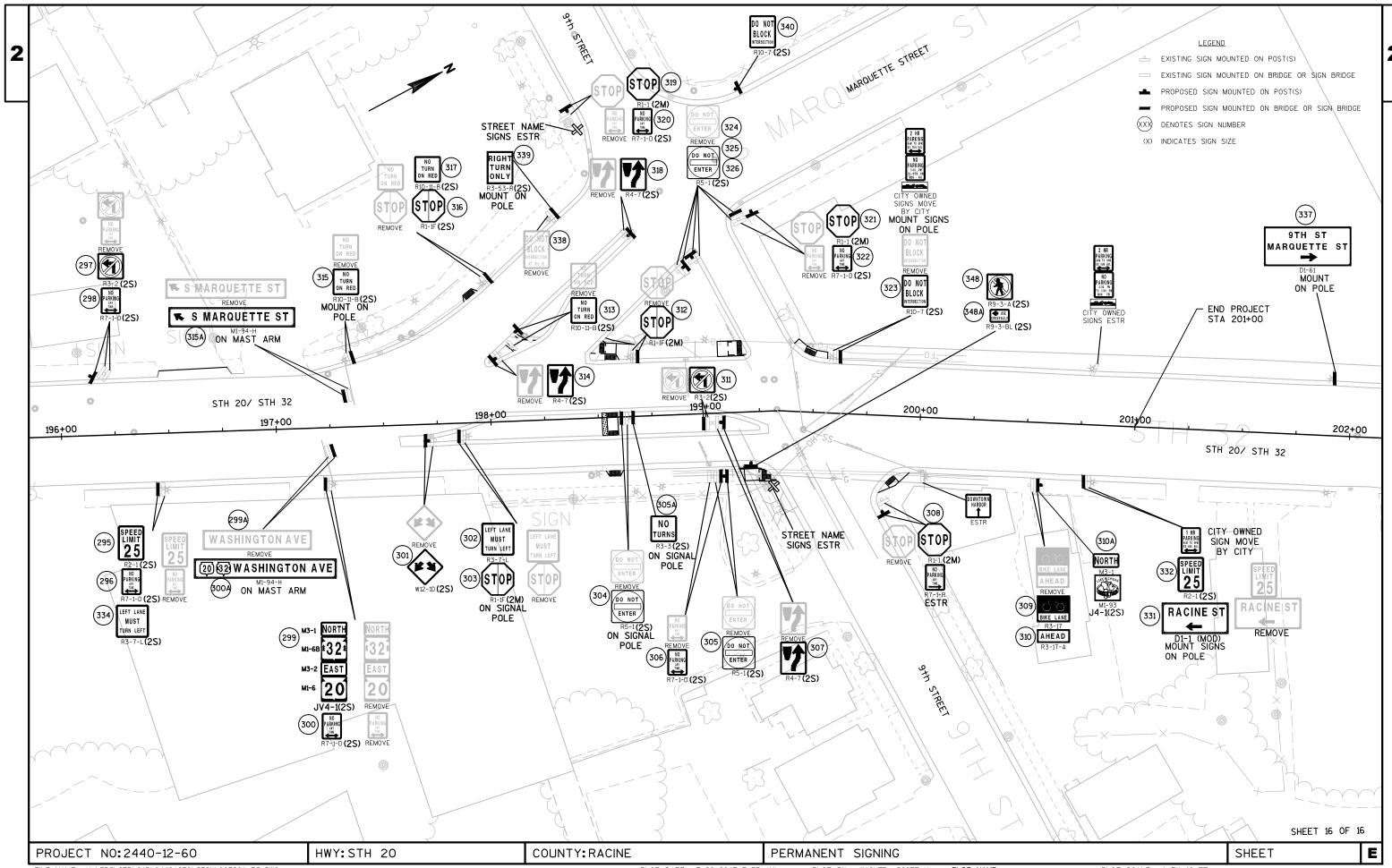




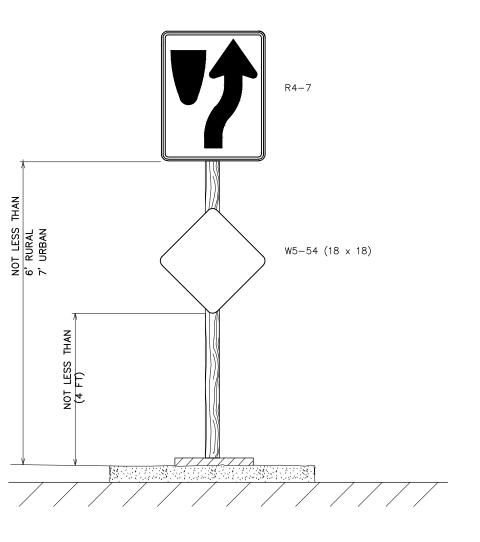








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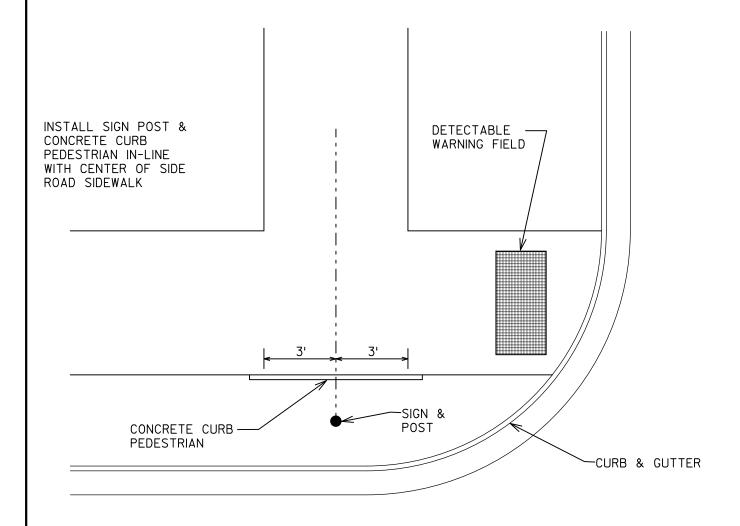


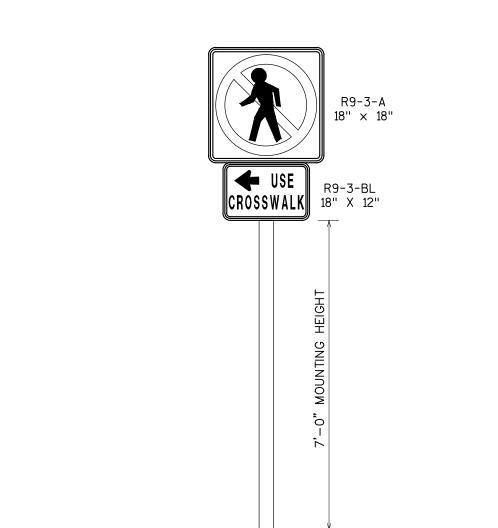
TYPICAL INSTALLATION FOR TRANSITION TO DIVIDED HIGHWAY OR OTHER SPECIAL NEEDS AREAS

PROJECT NO:2440-12-60 HWY:STH 20 COUNTY:RACINE TYPICAL DETAIL - SIGN ON MEDIAN NOSE SHEET

2

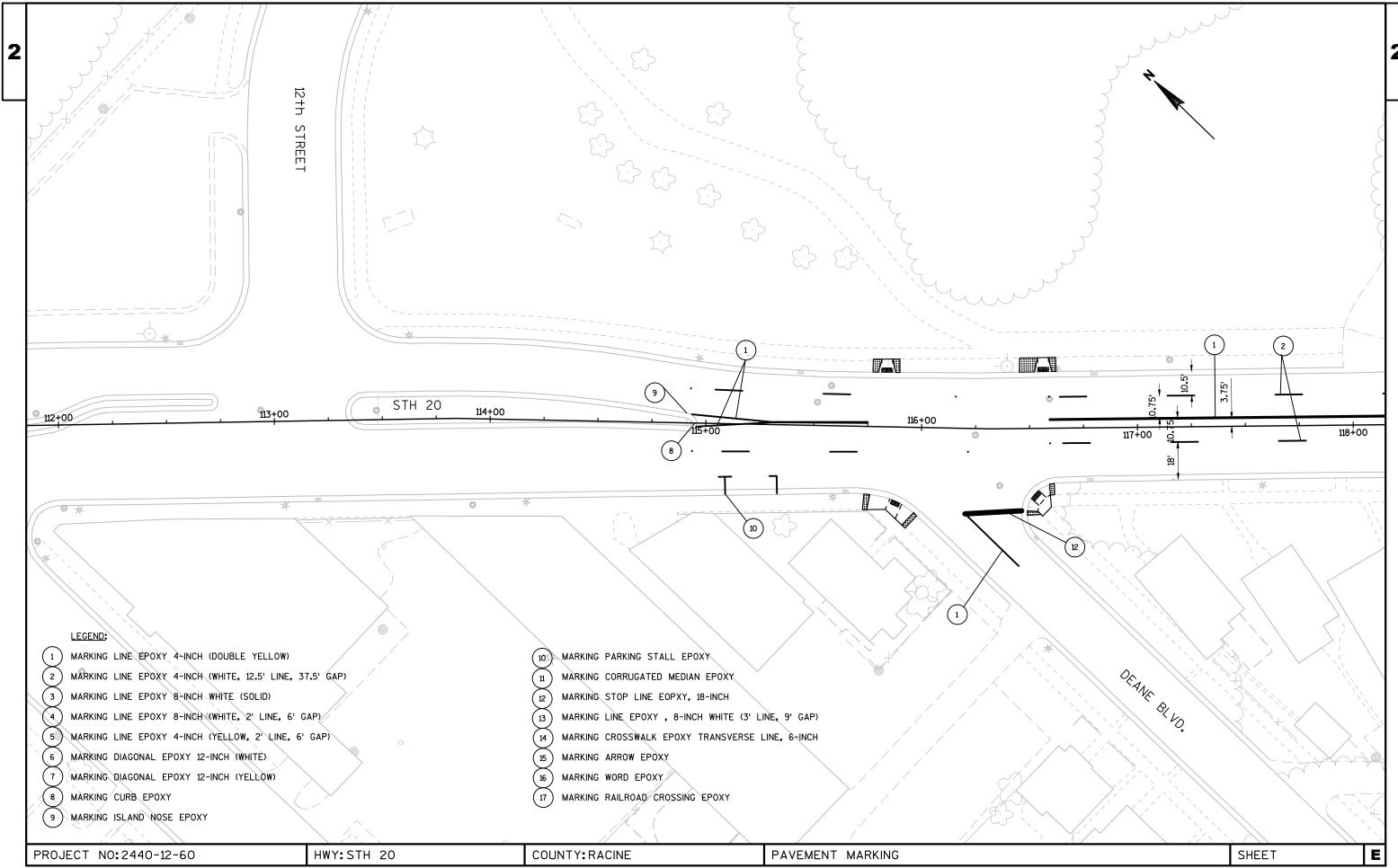


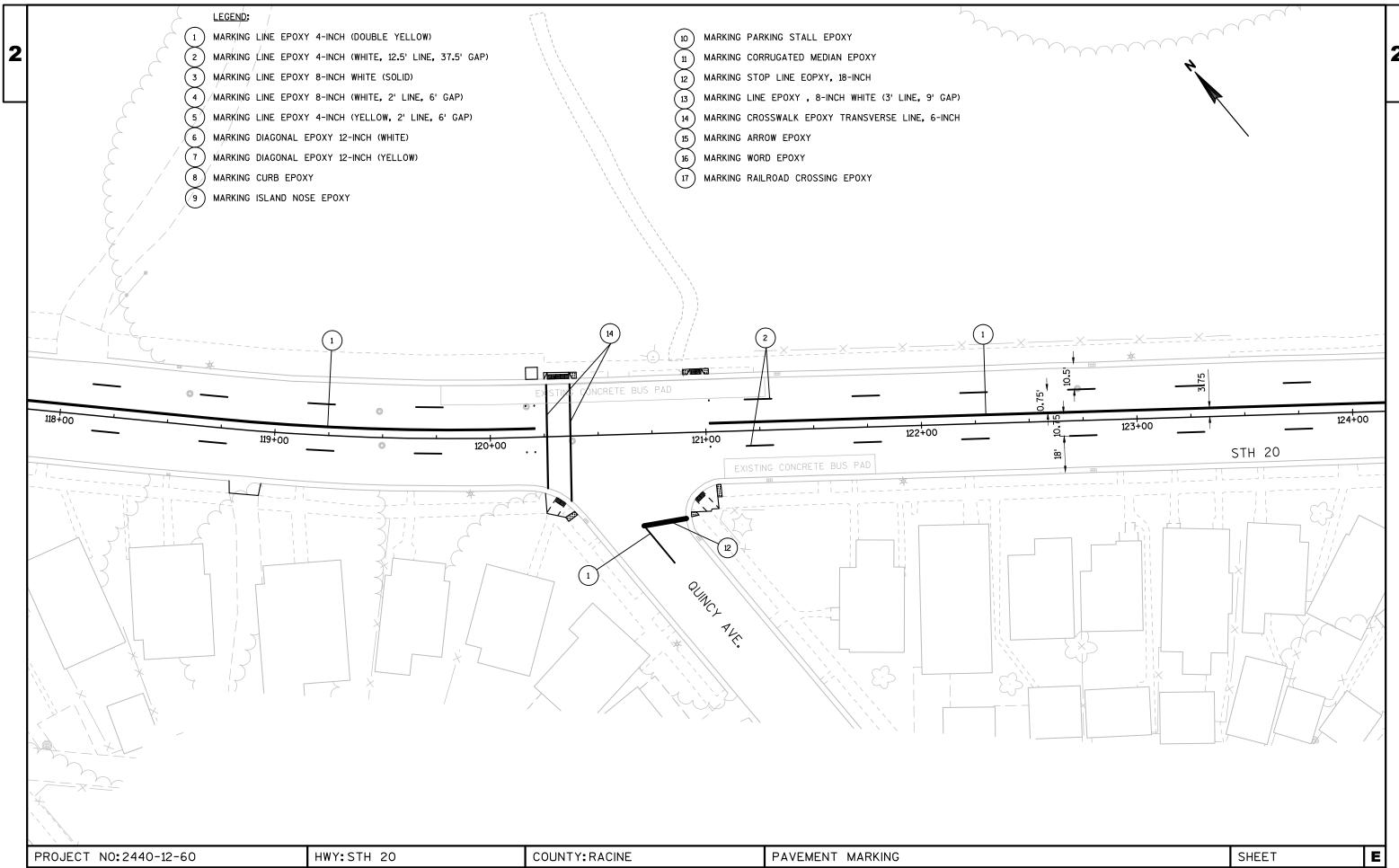


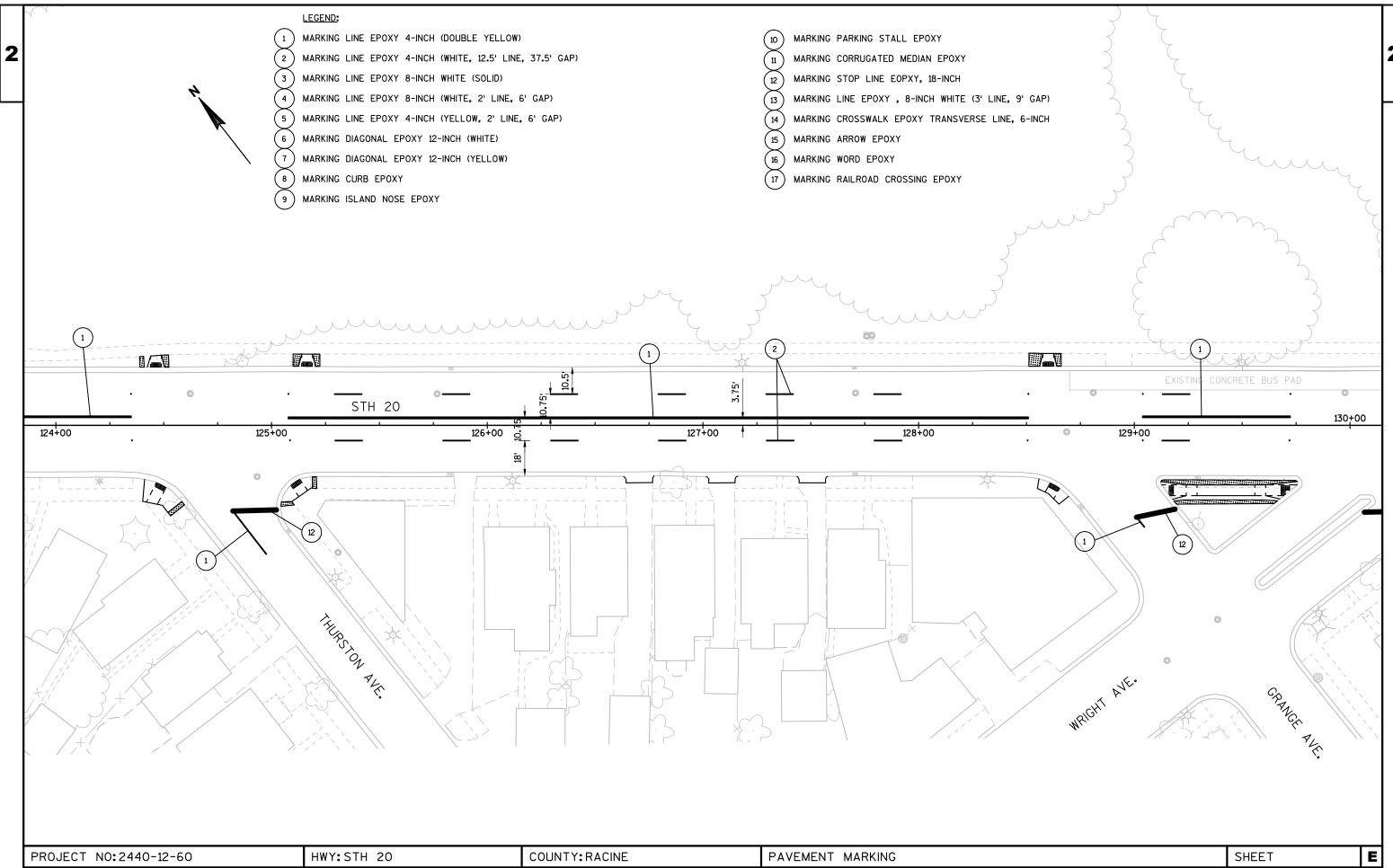


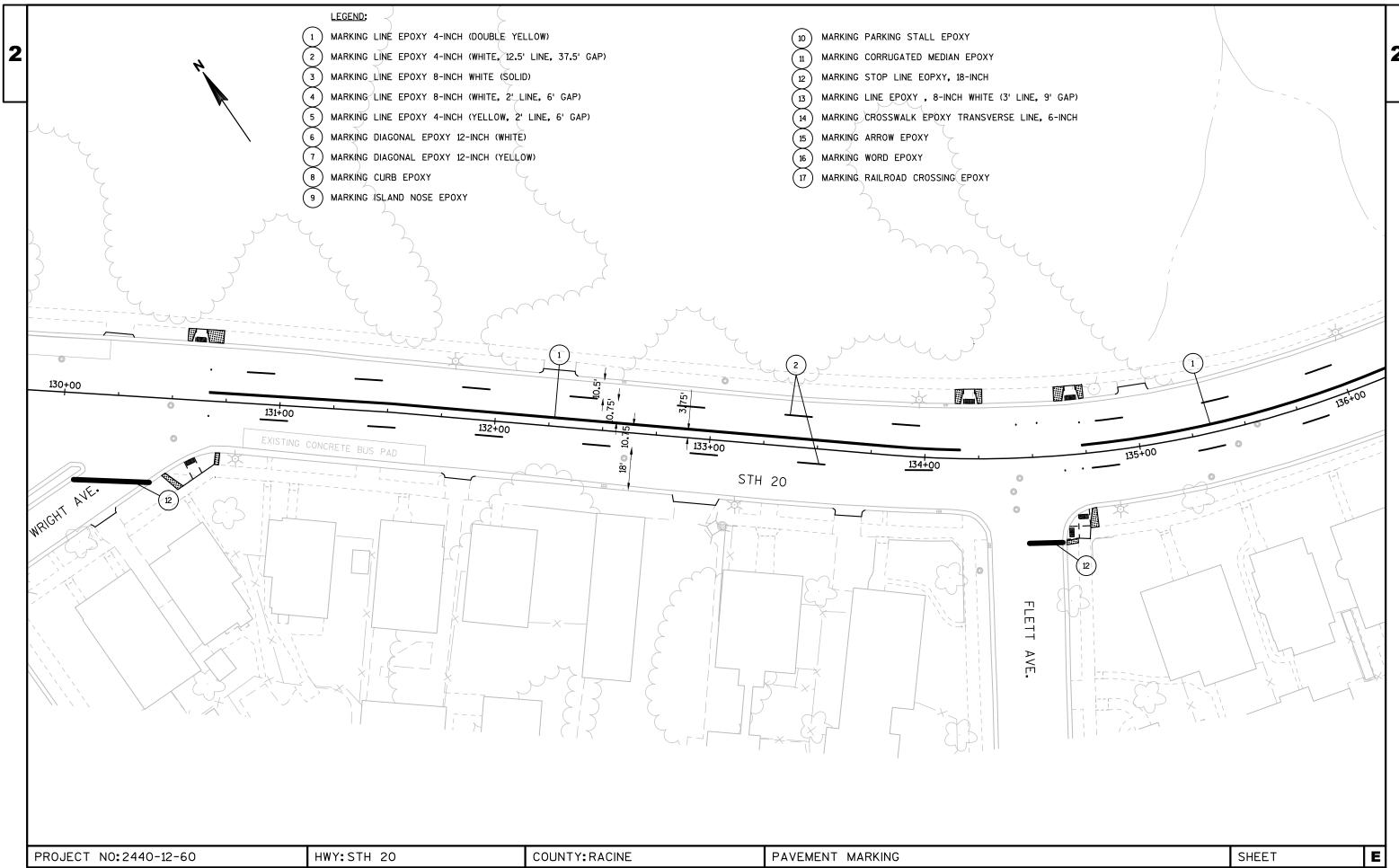
PROJECT NO:2440-12-60 HWY:STH 20 COUNTY:RACINE TYPICAL DETAIL SHEET **E**

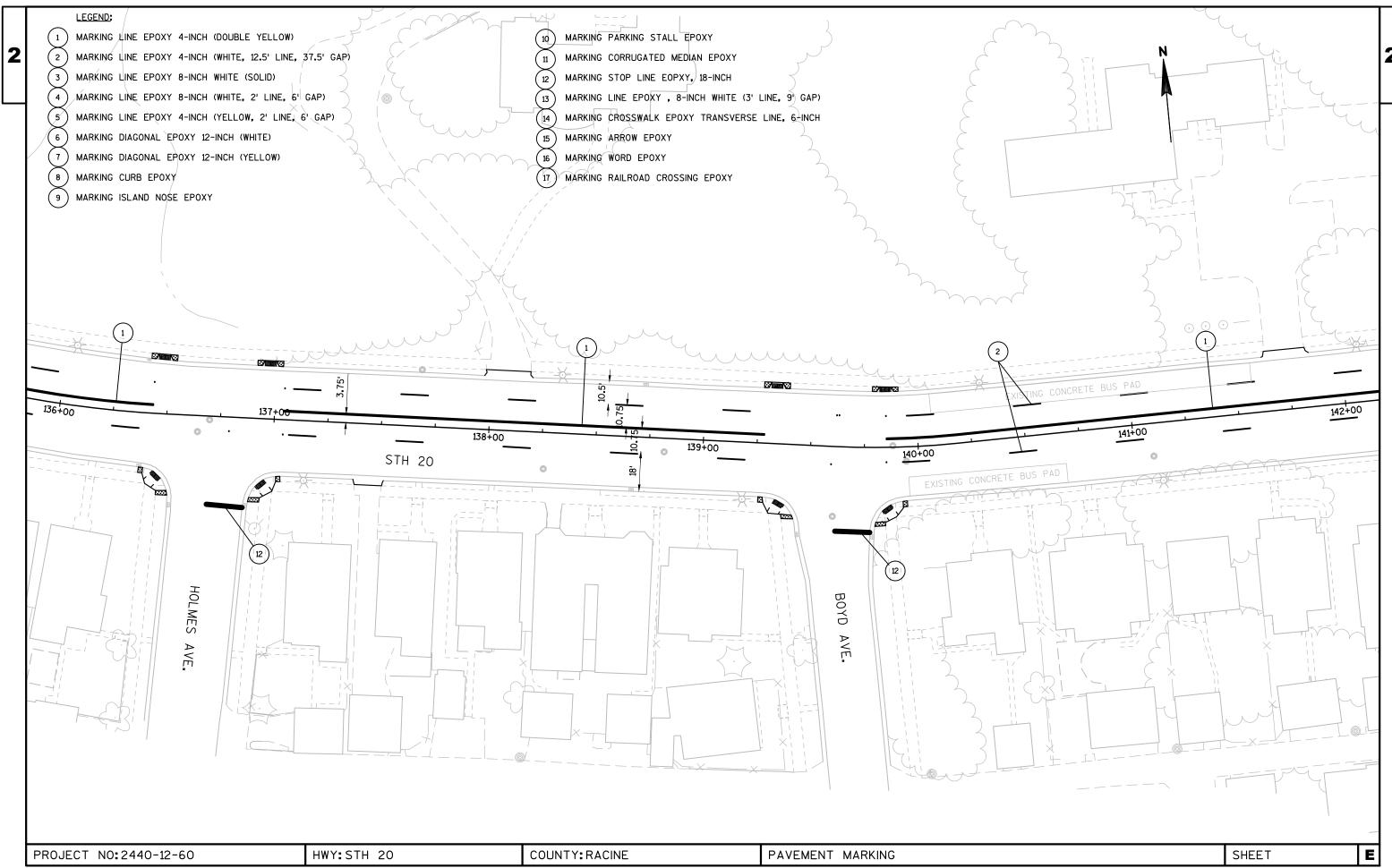
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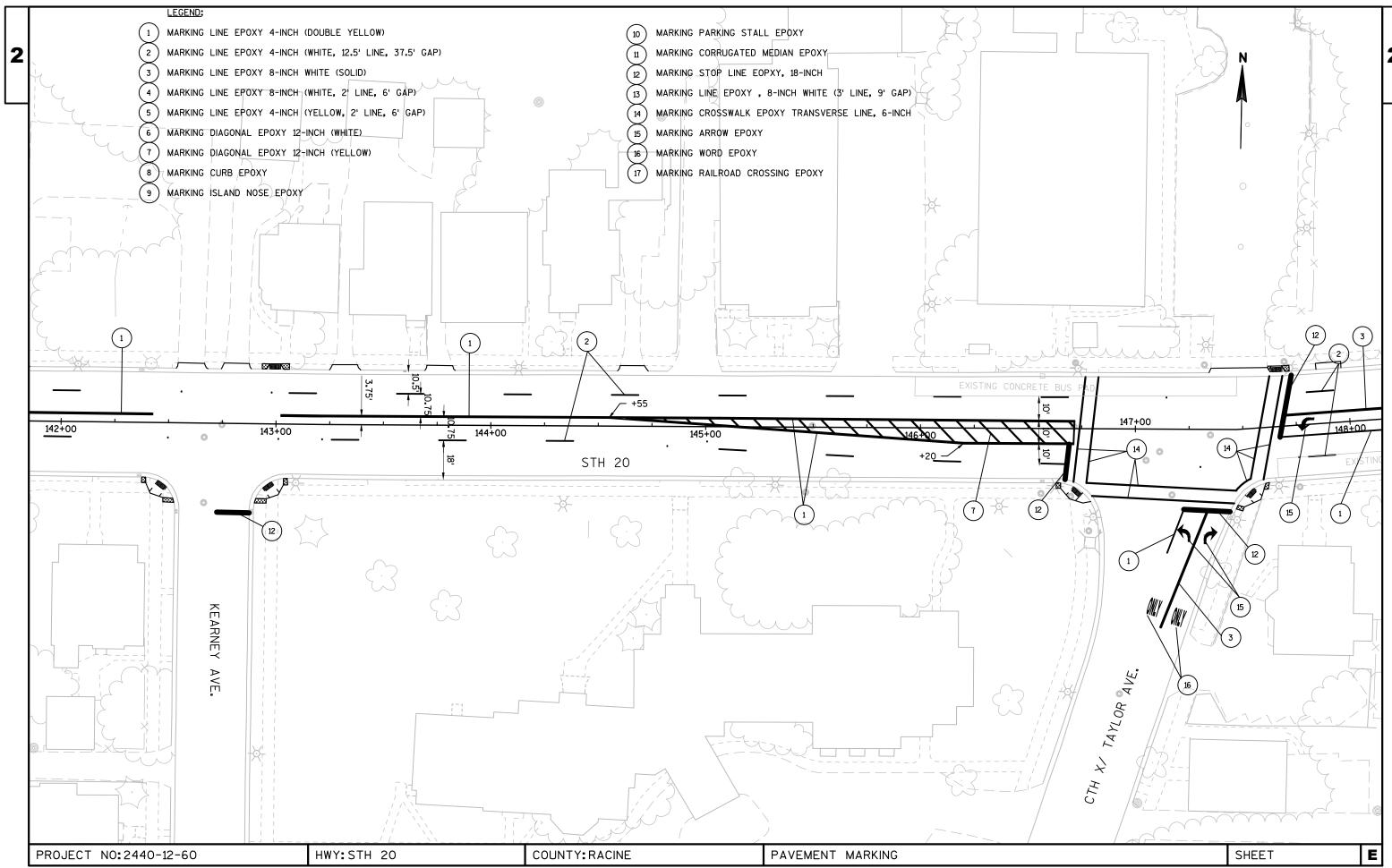


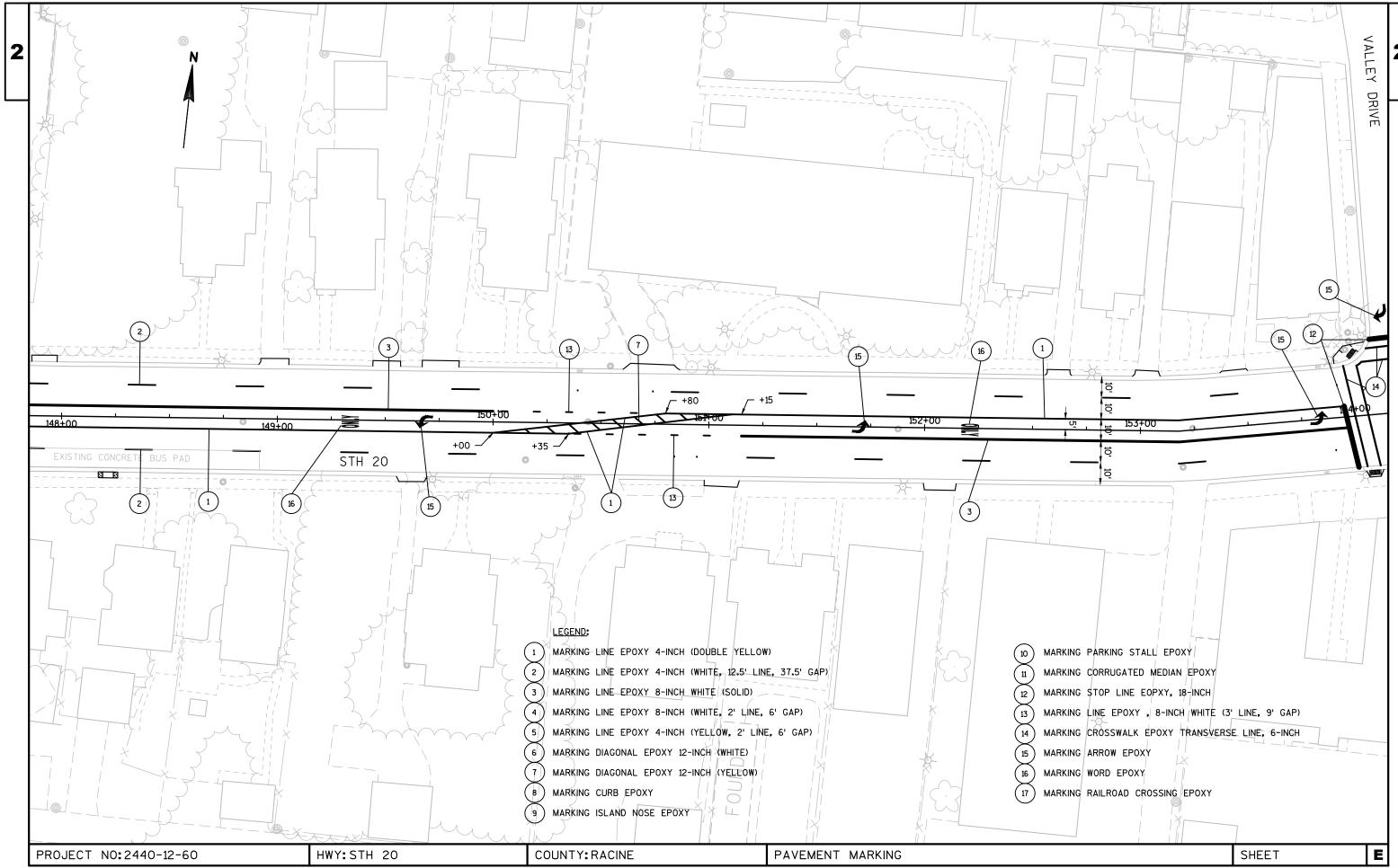


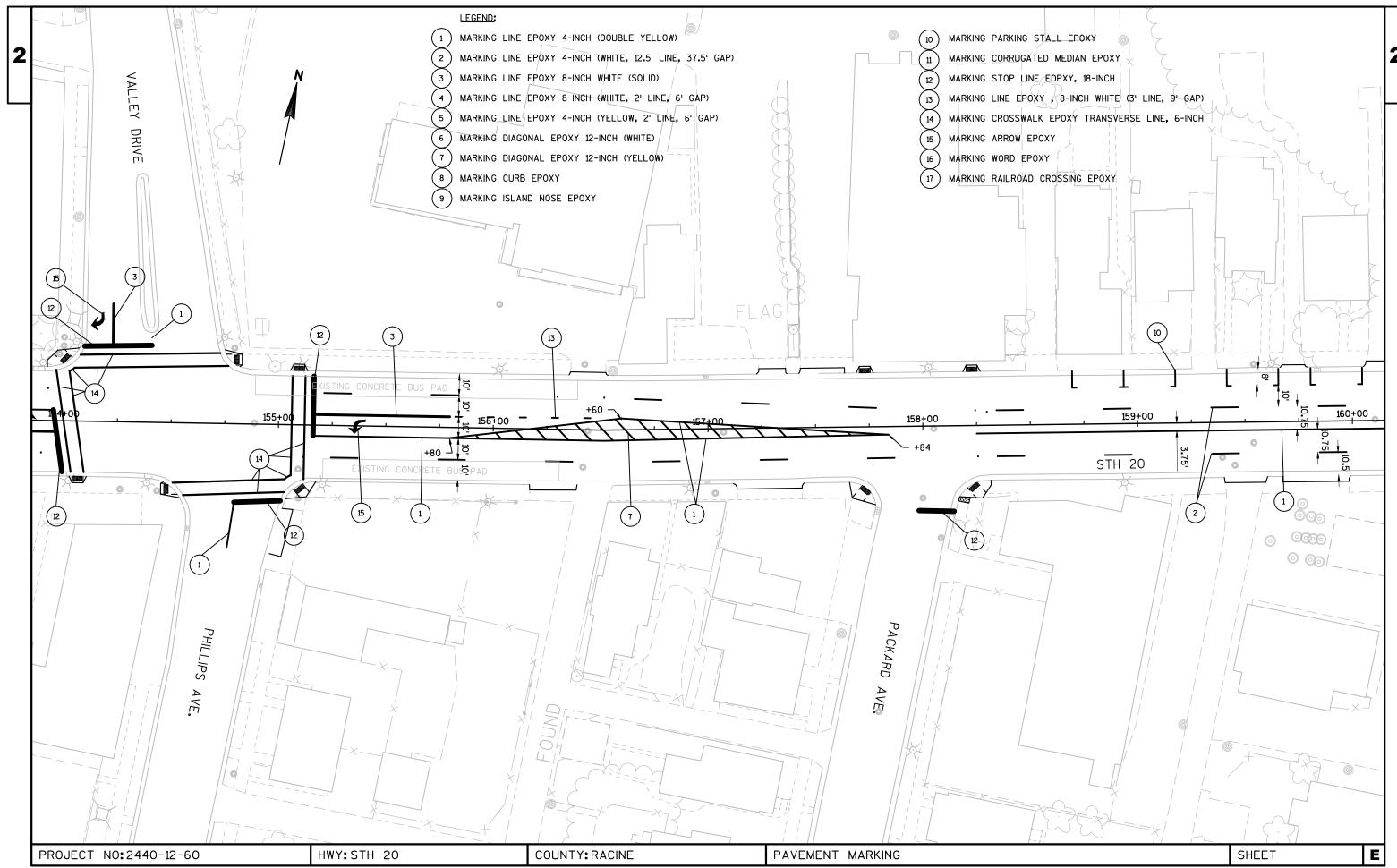


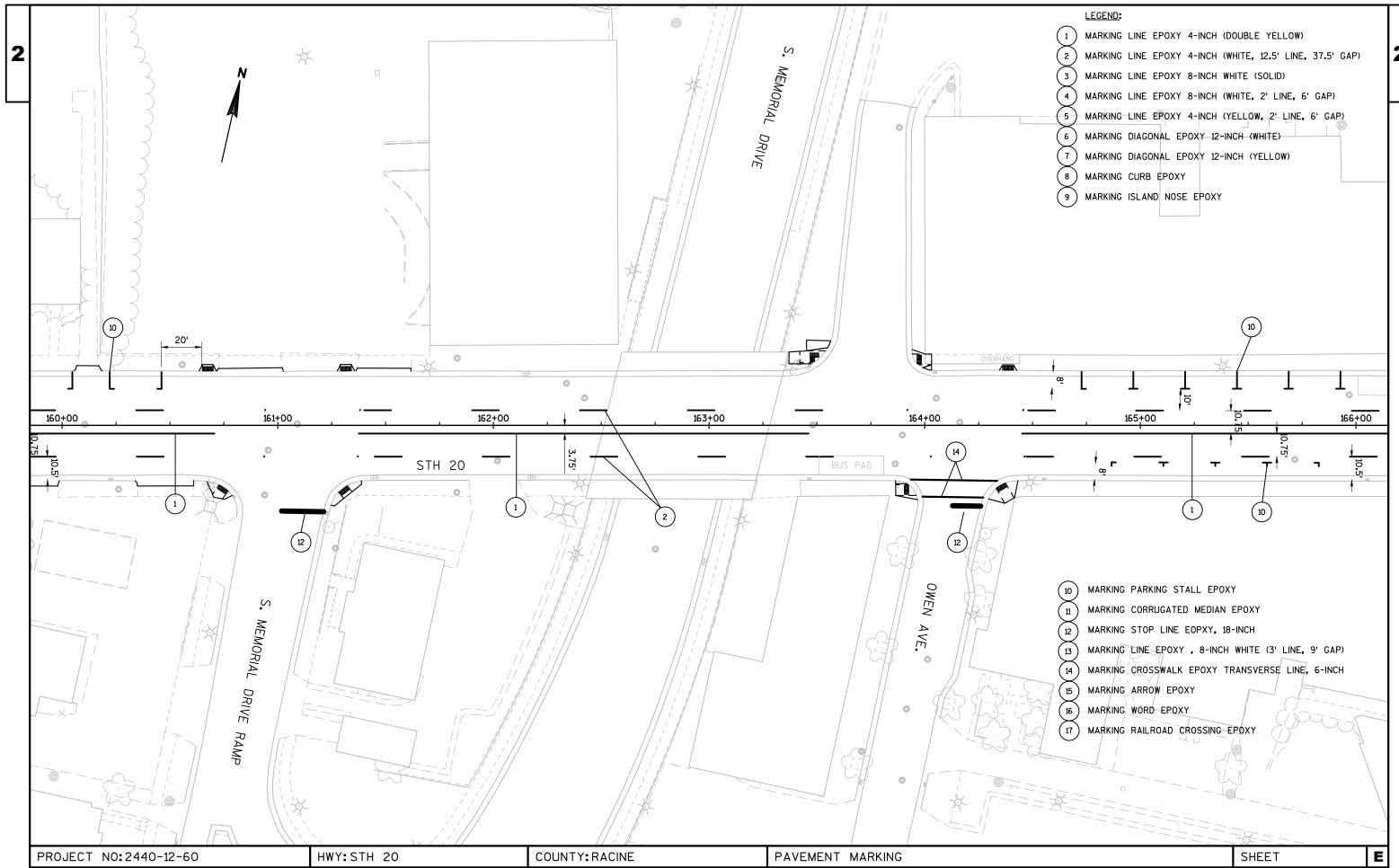


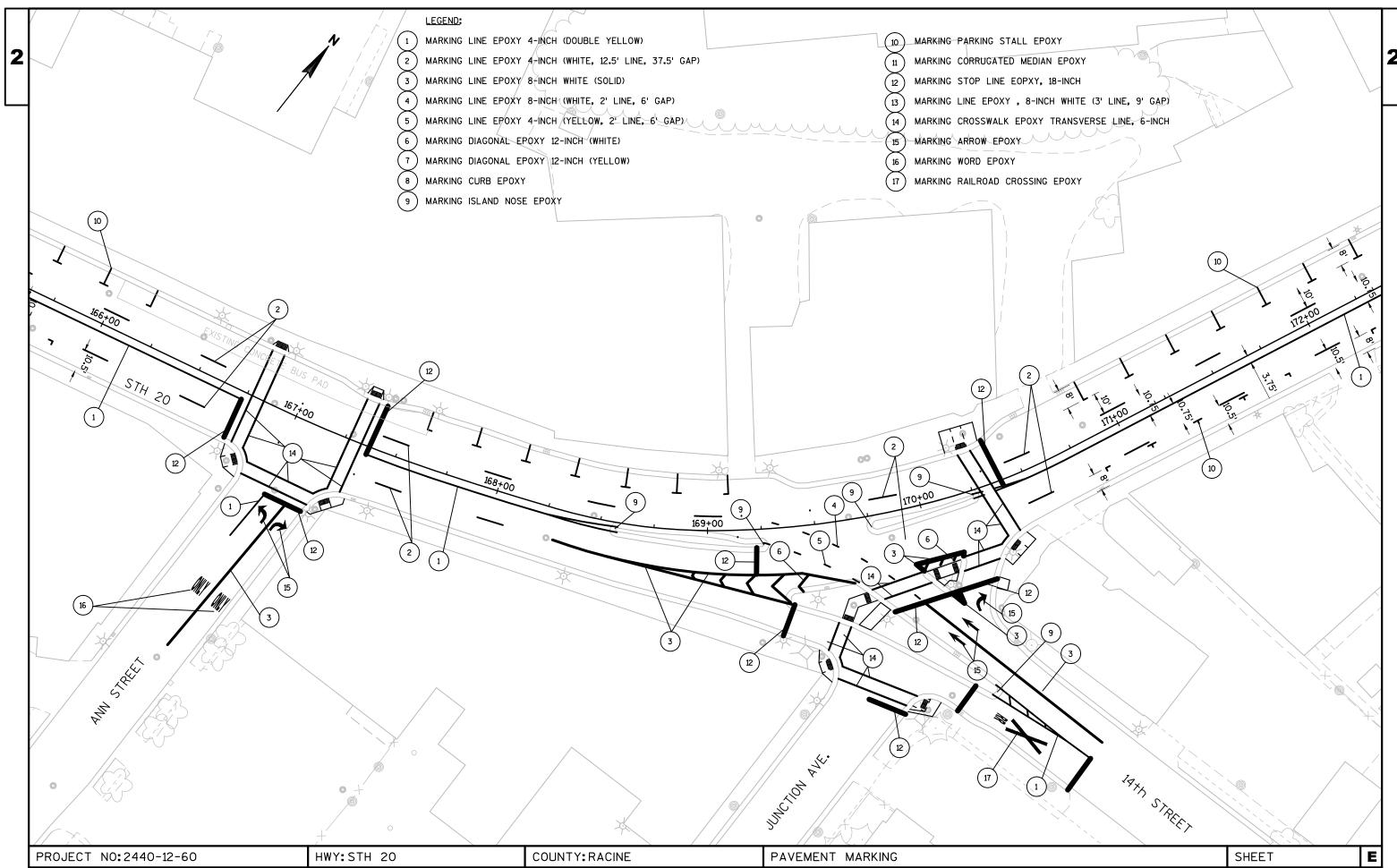


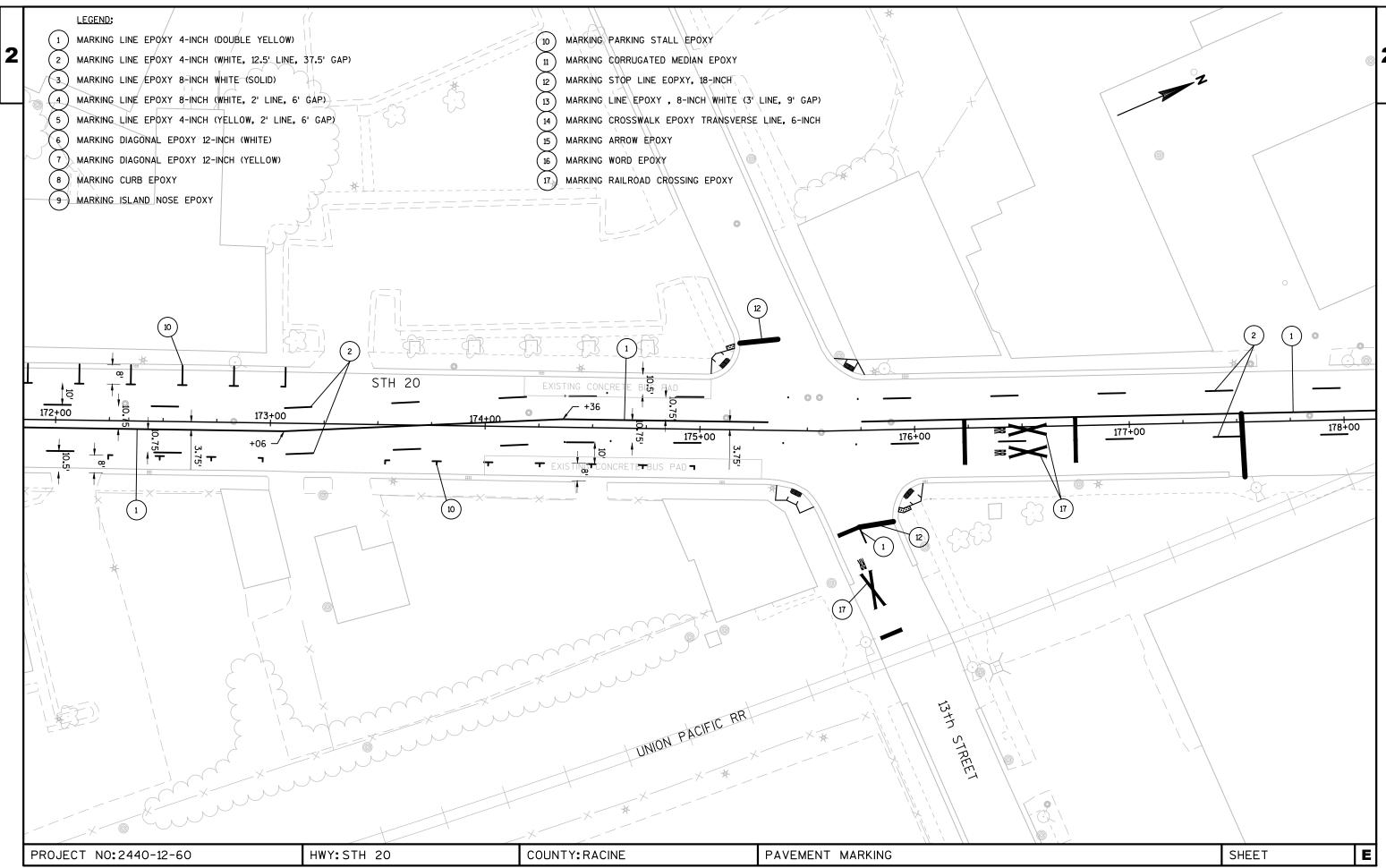


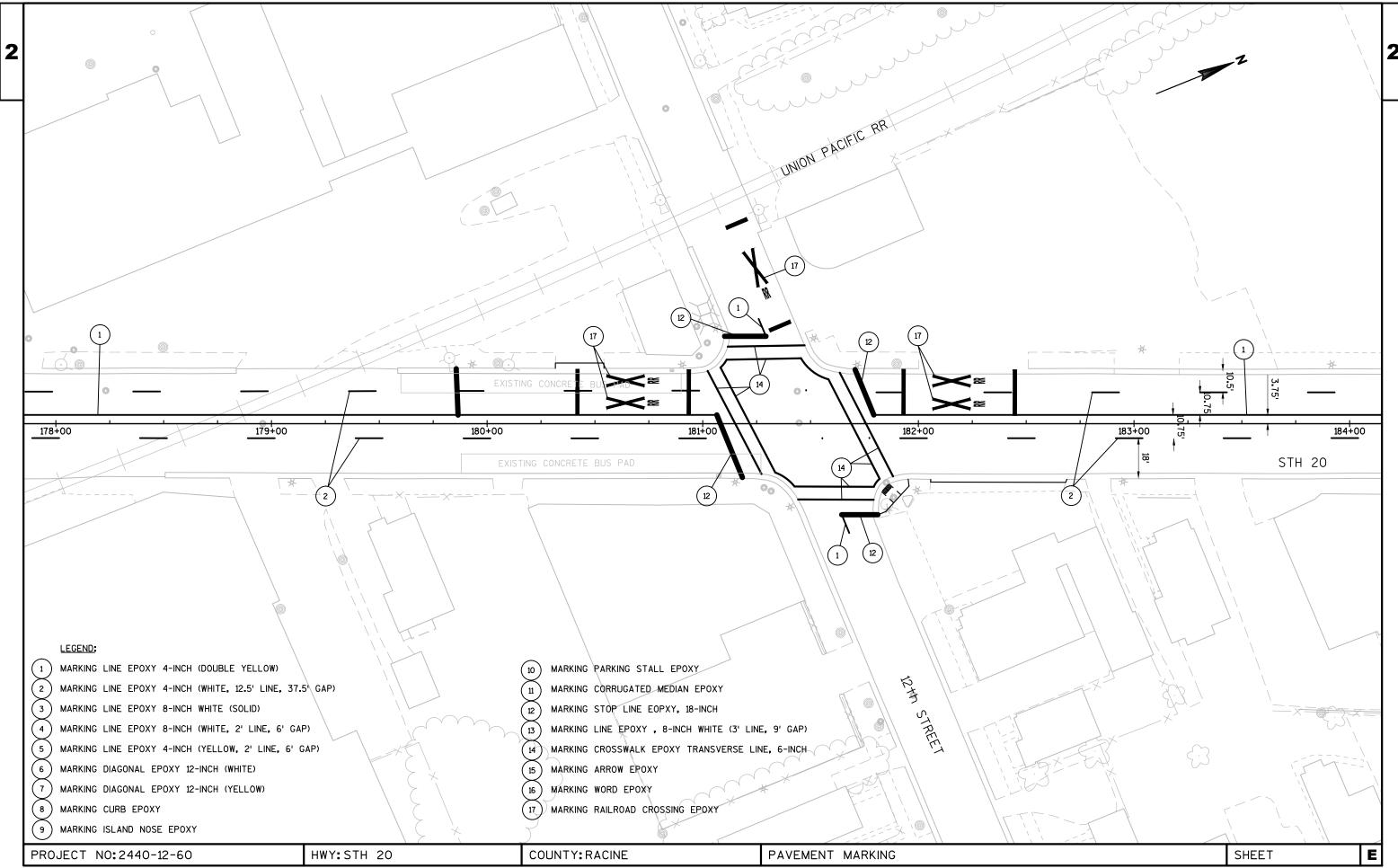


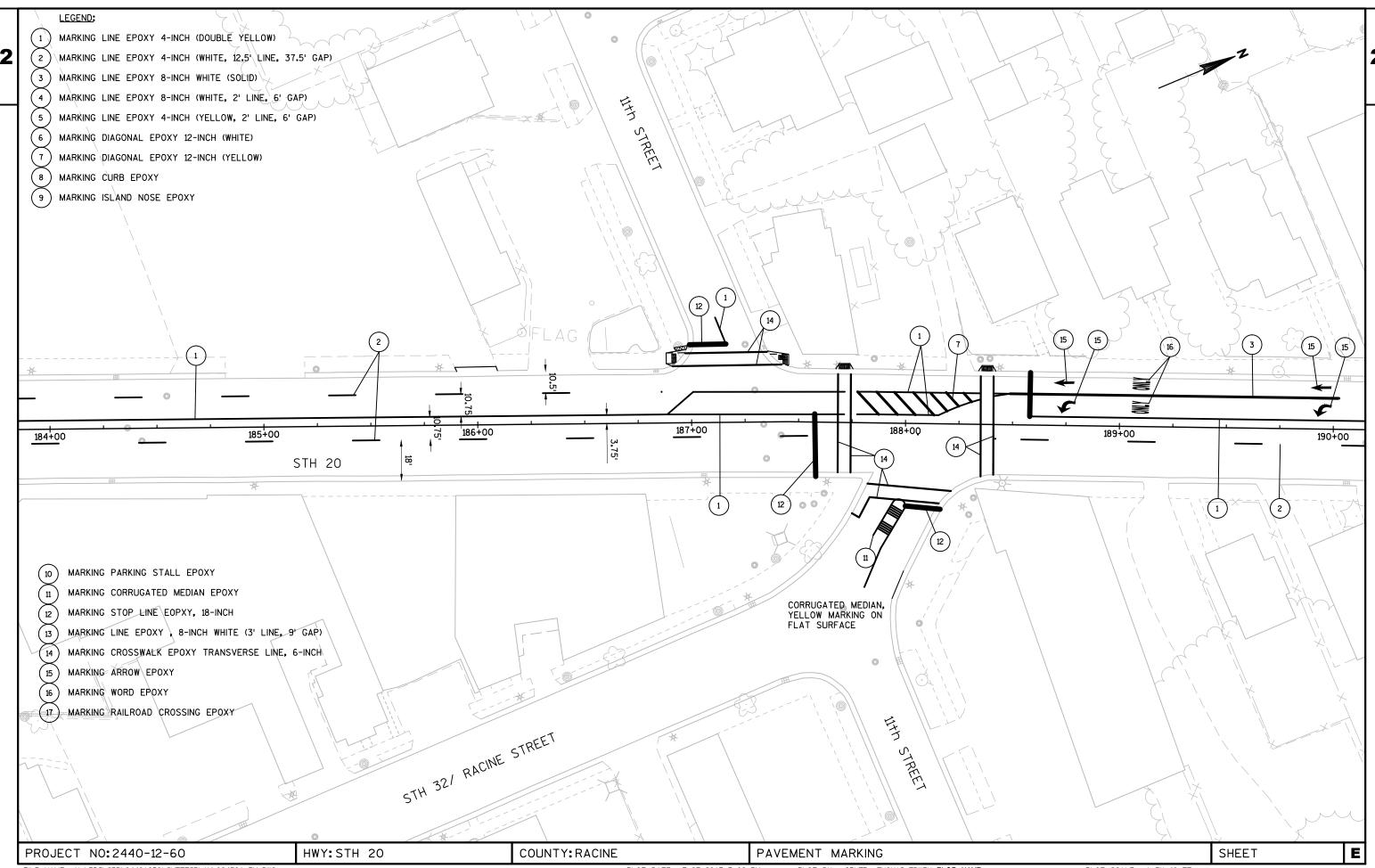


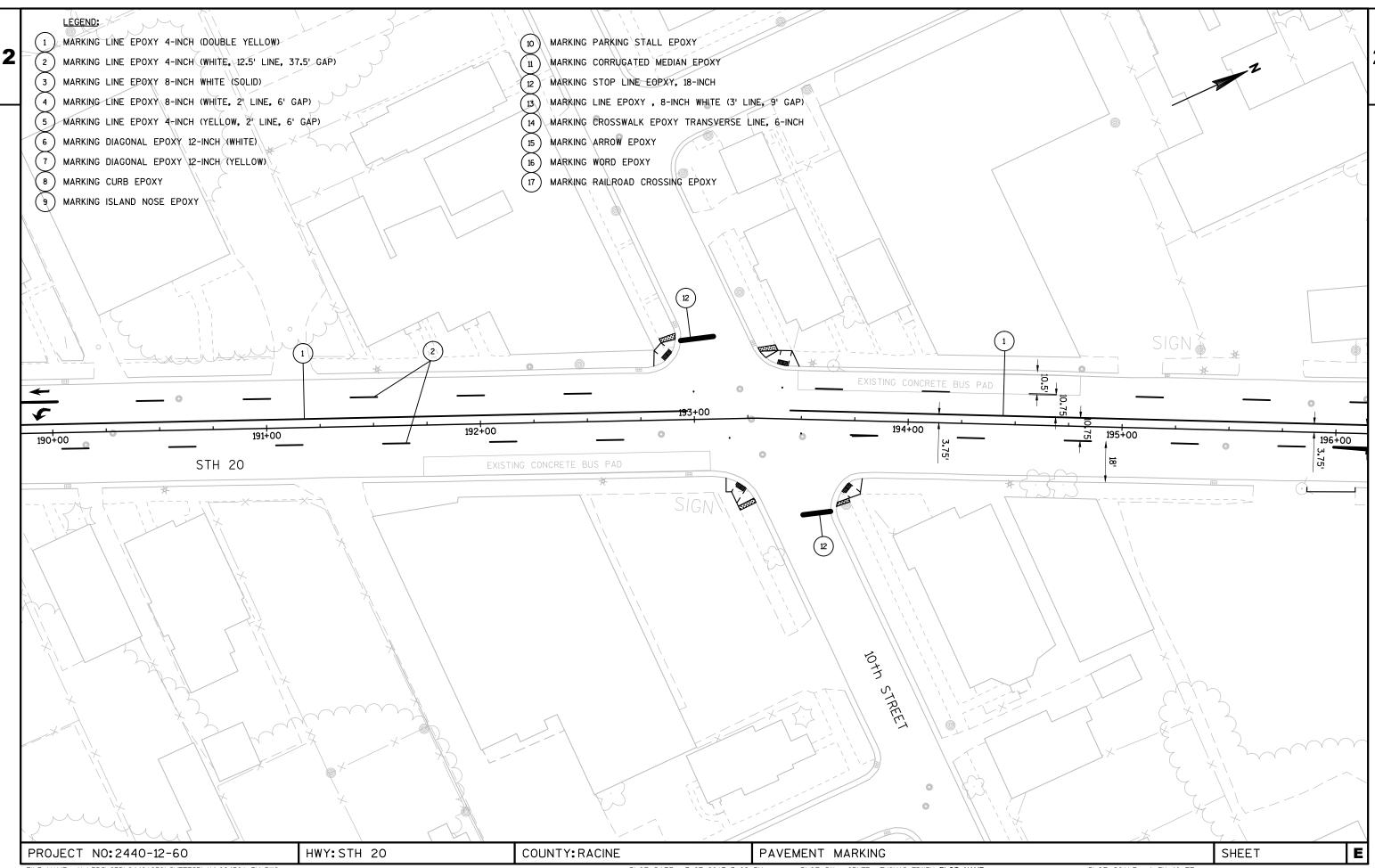


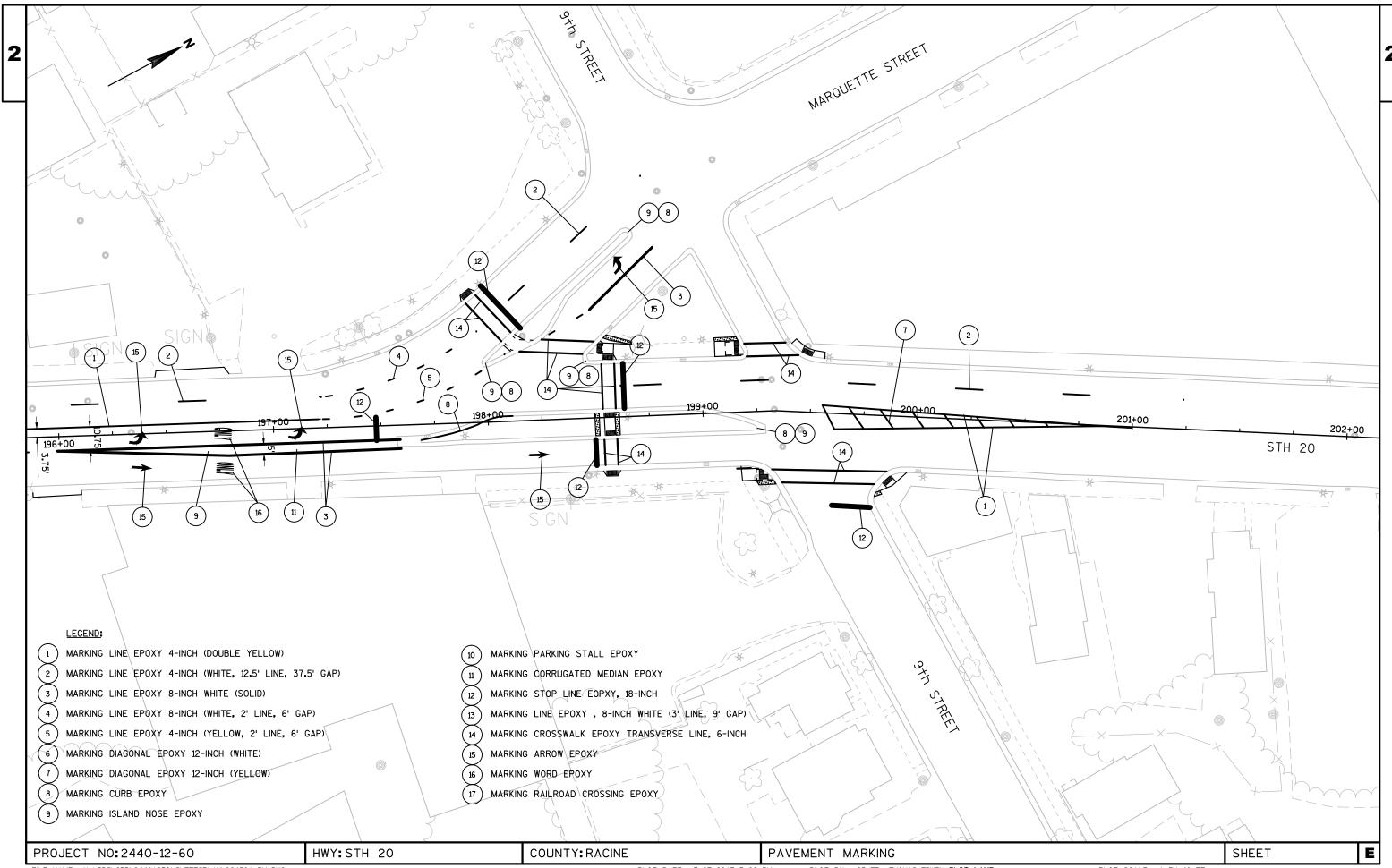


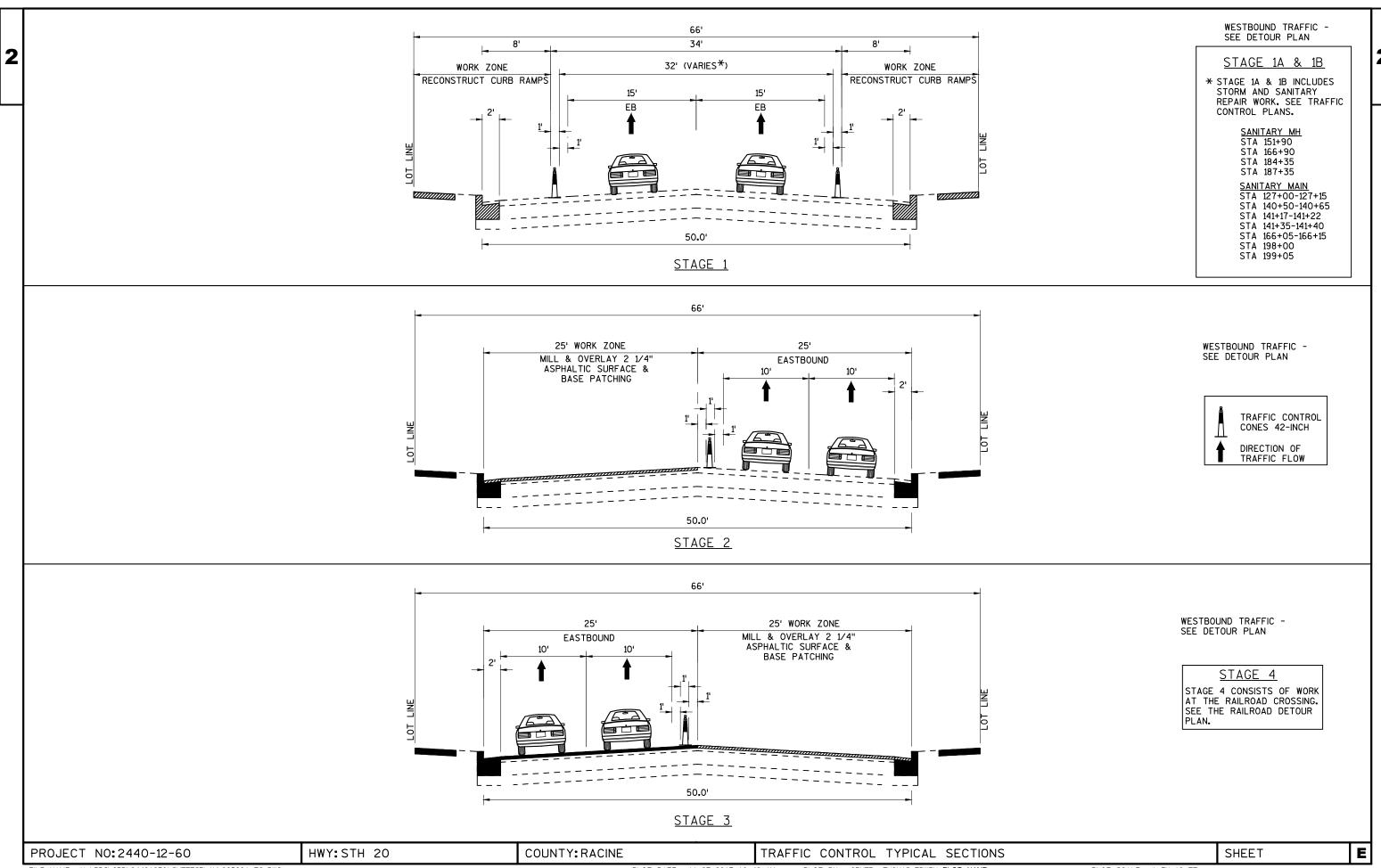


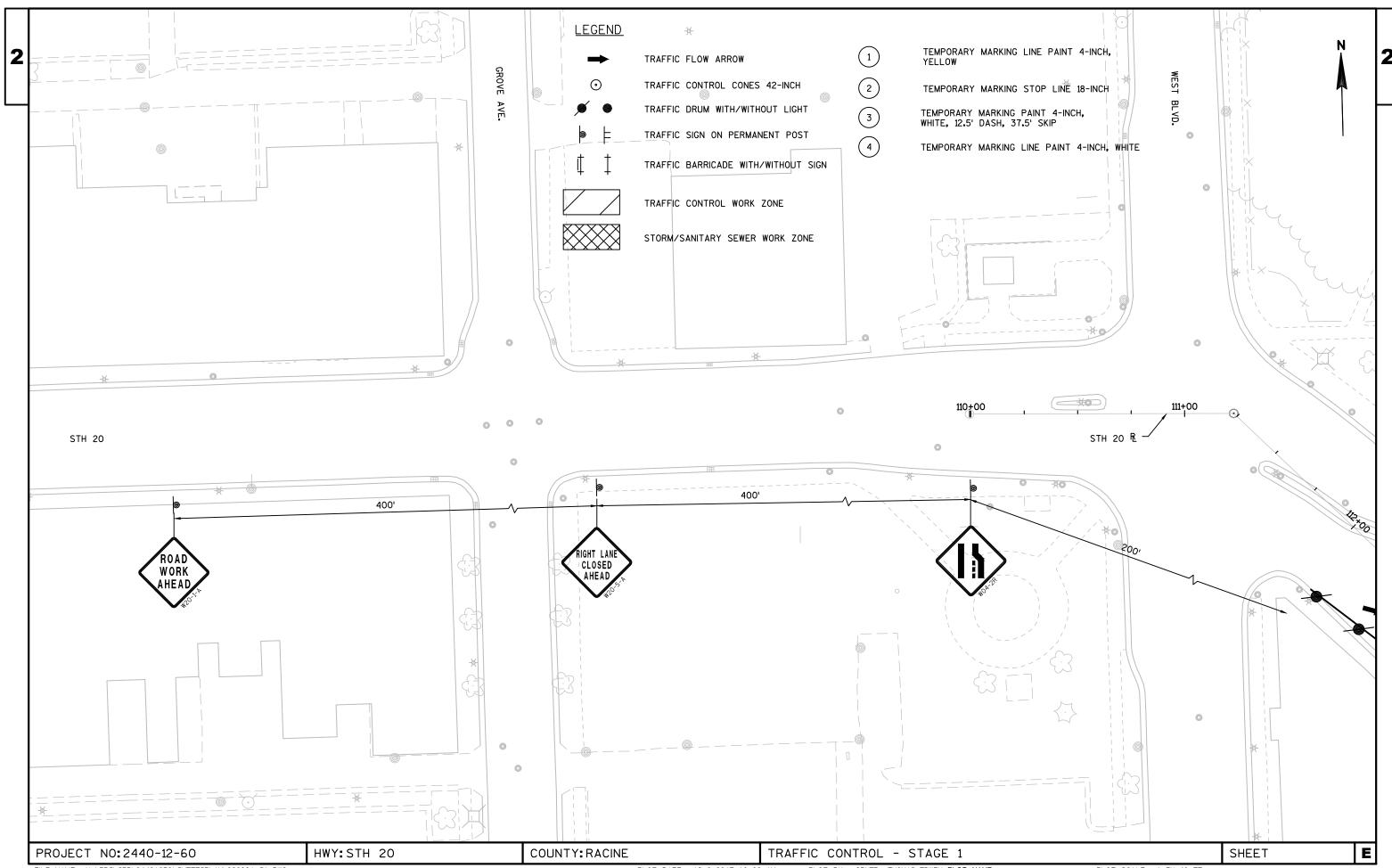


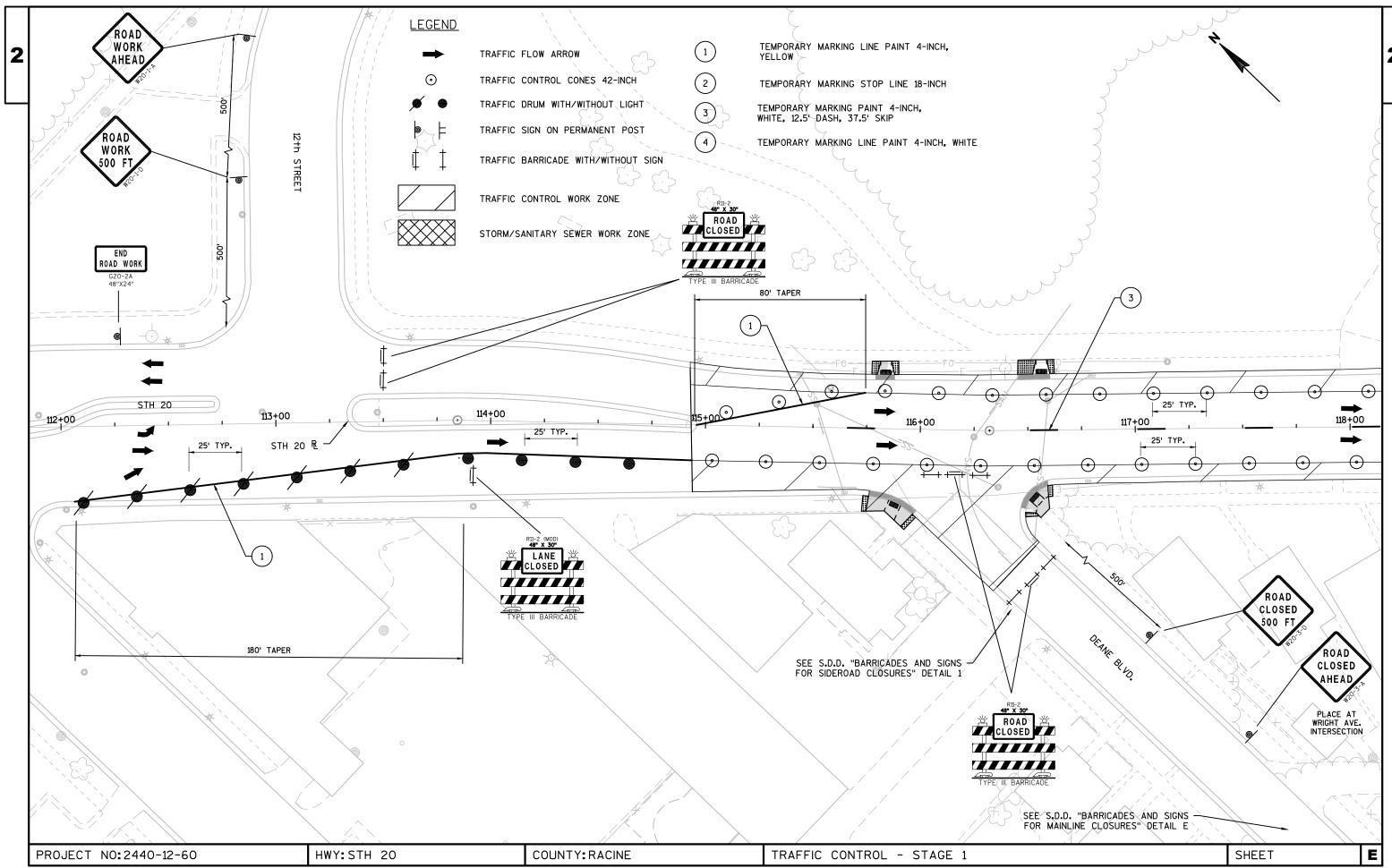


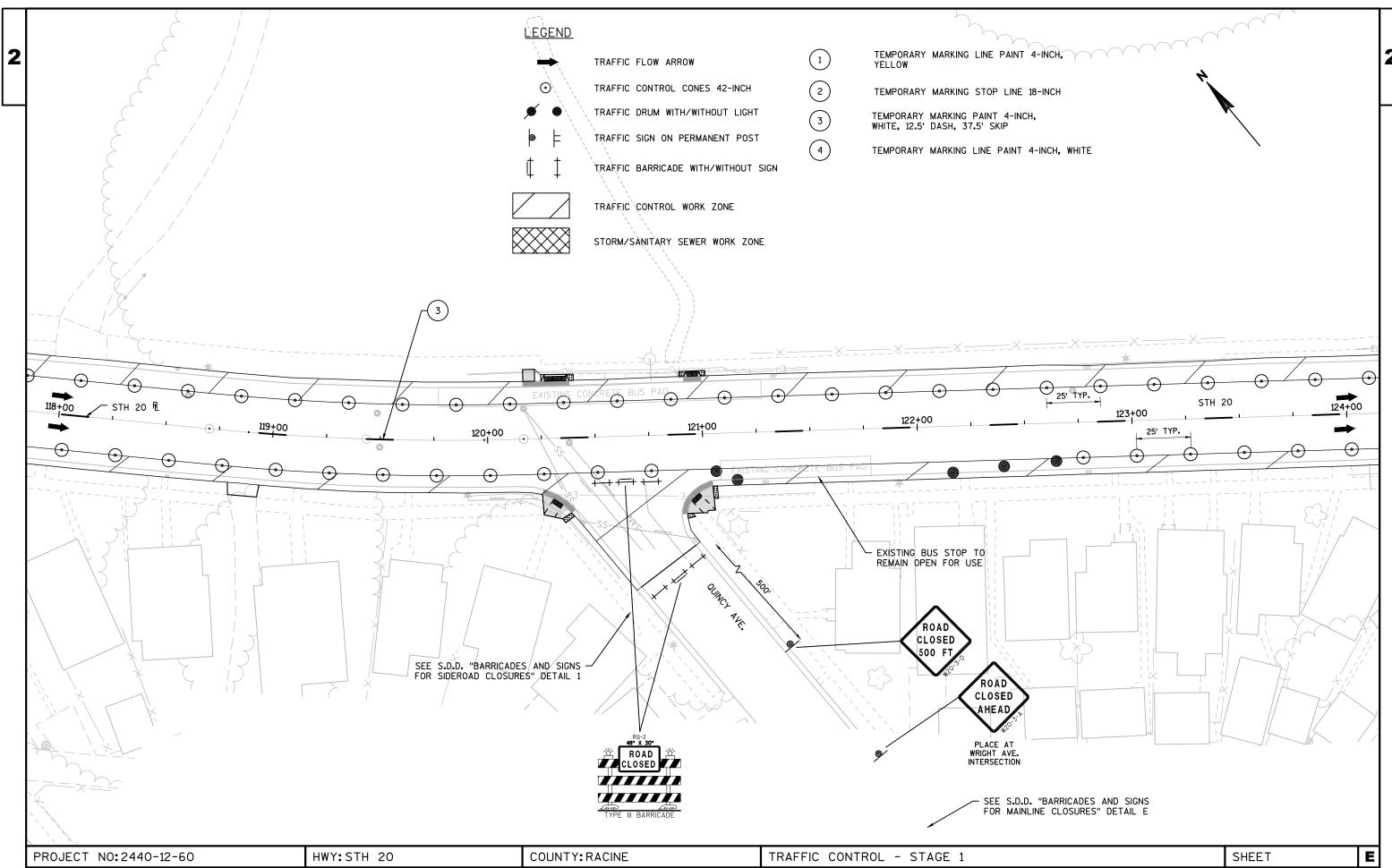


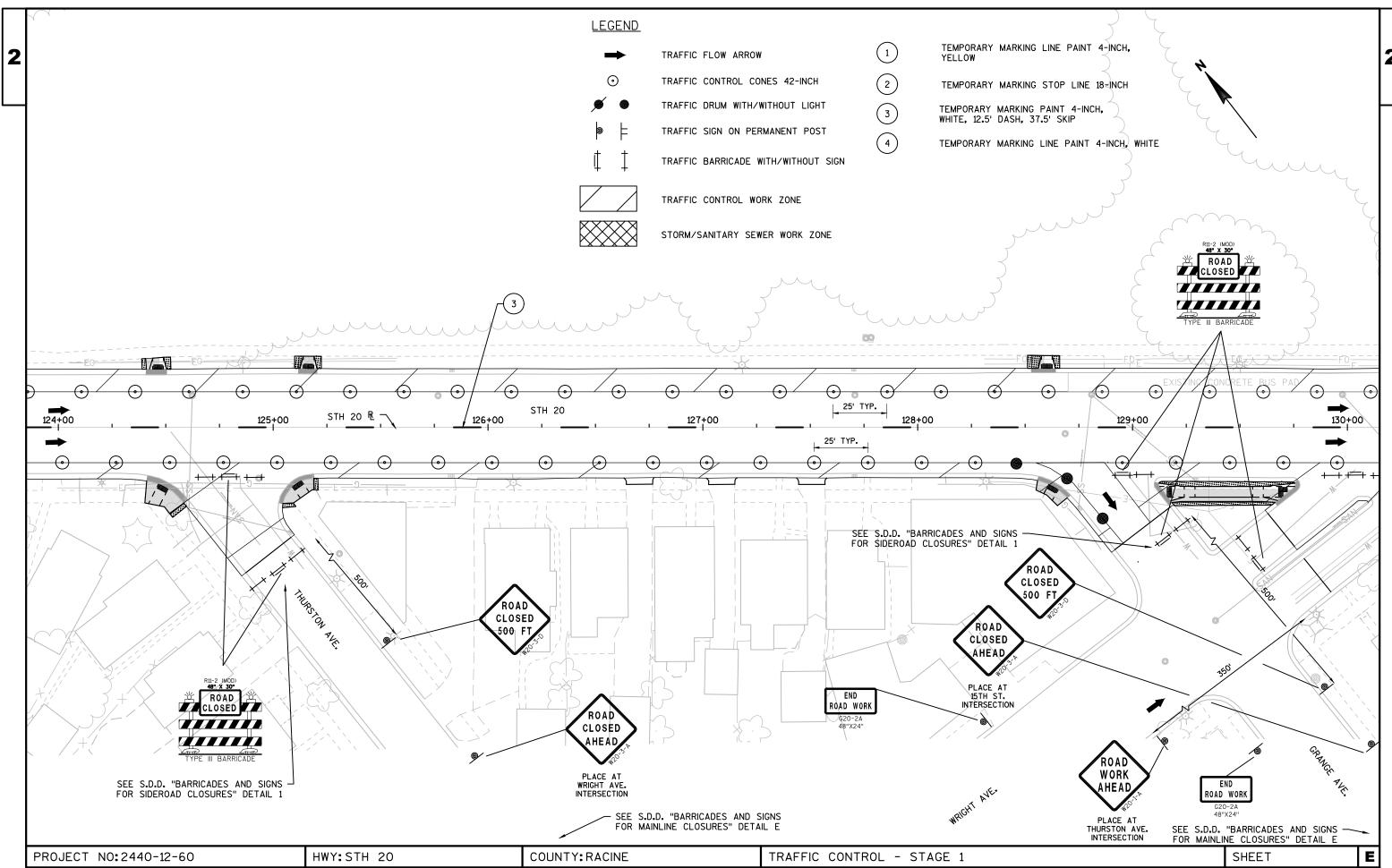


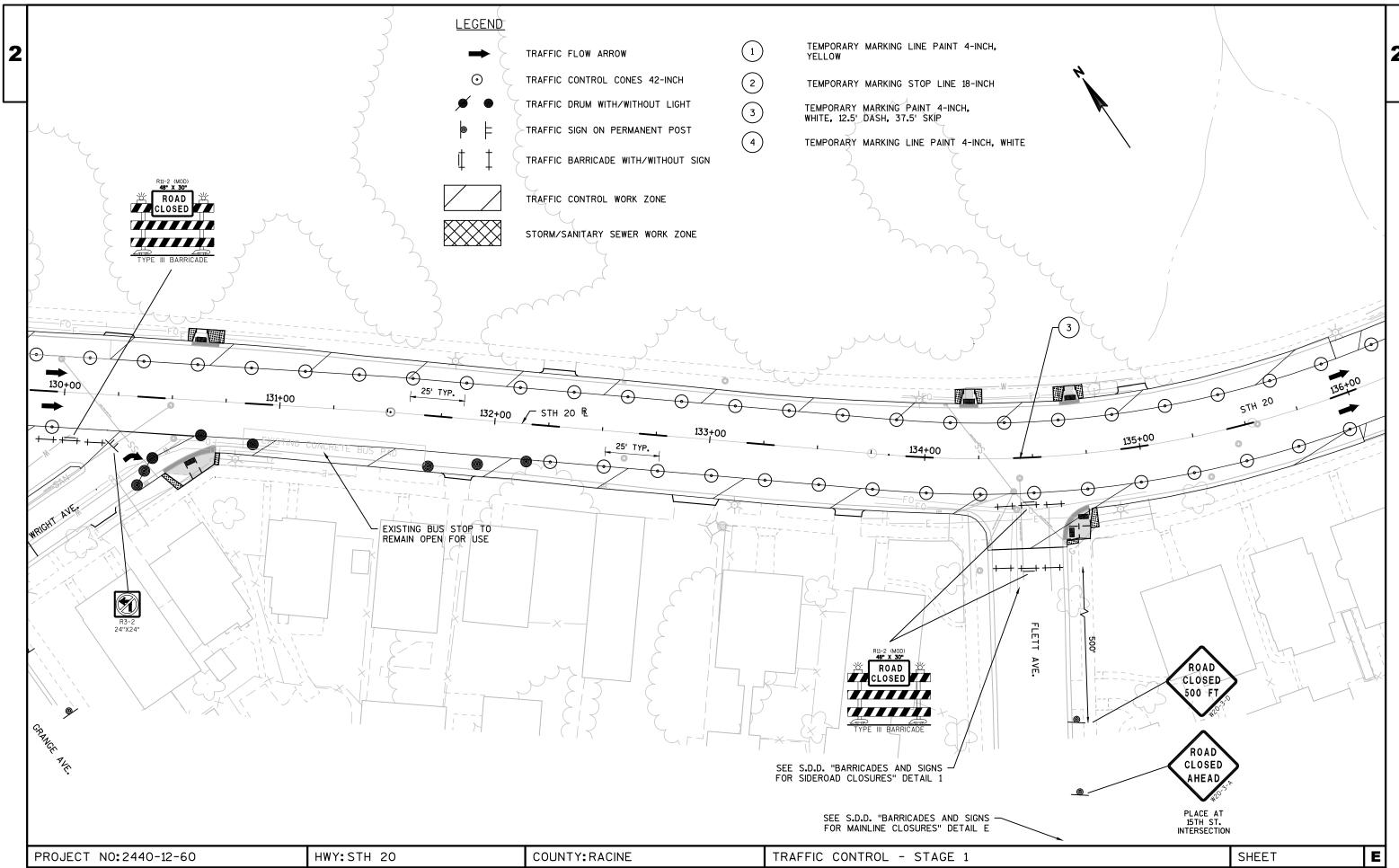


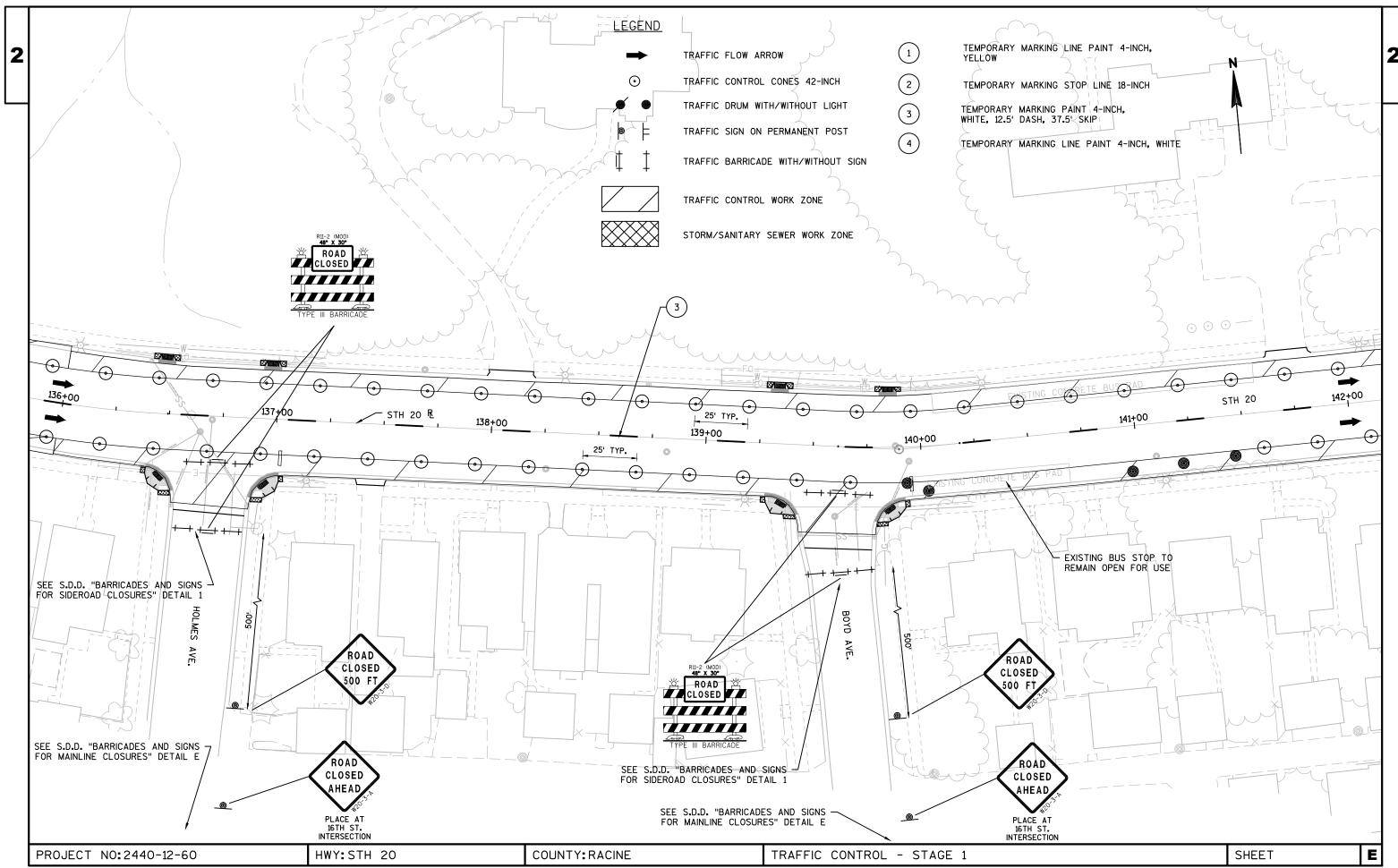


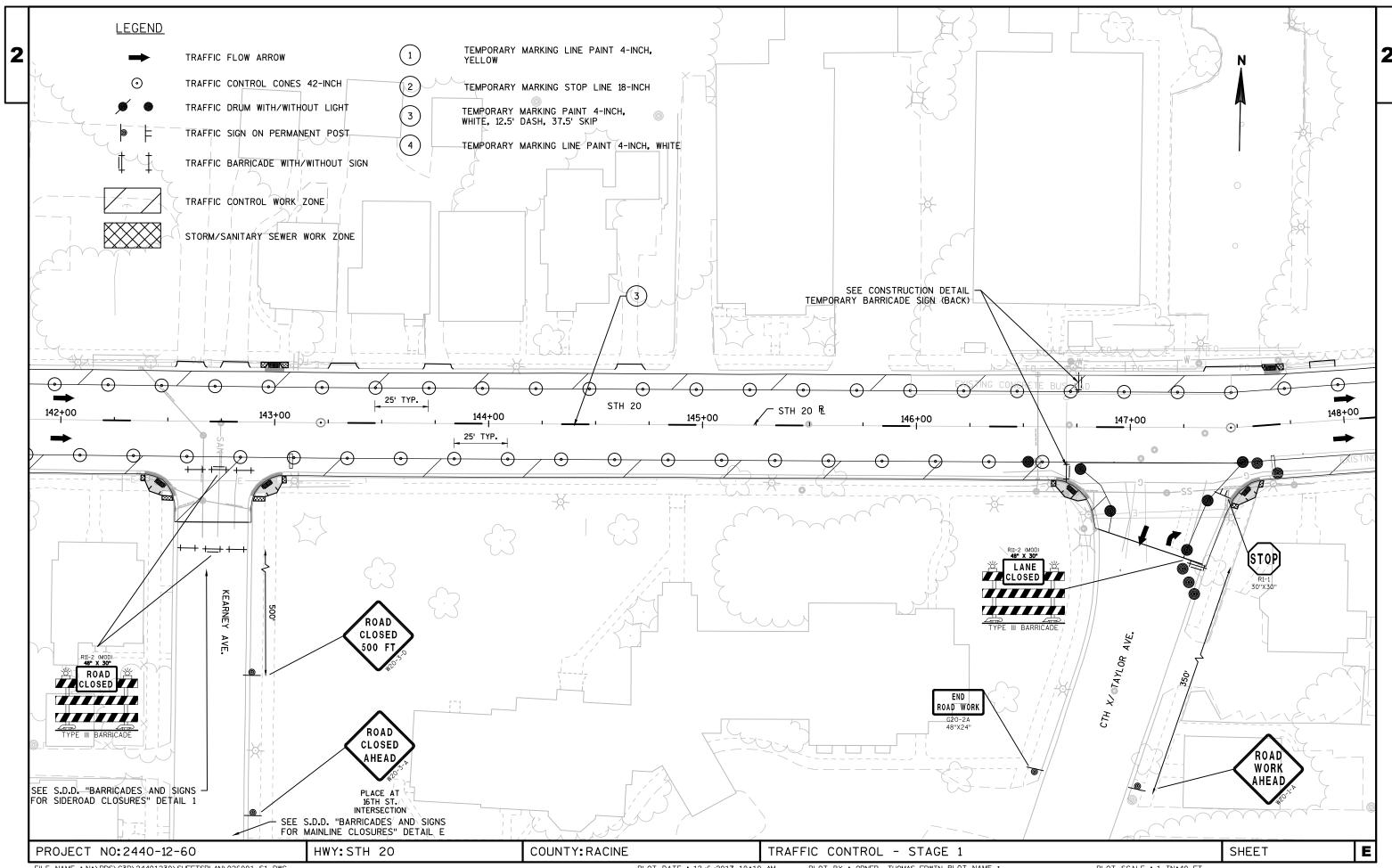


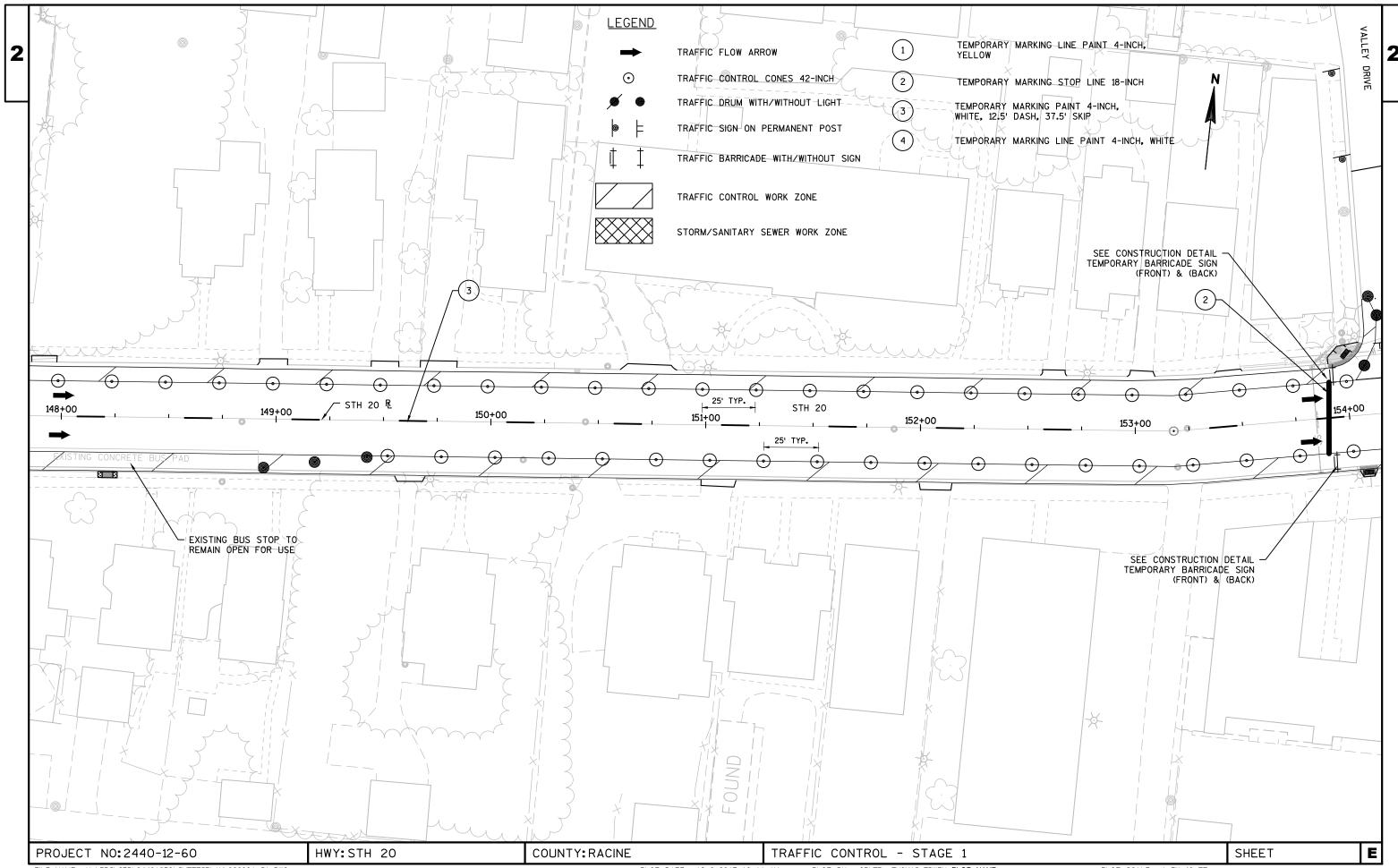


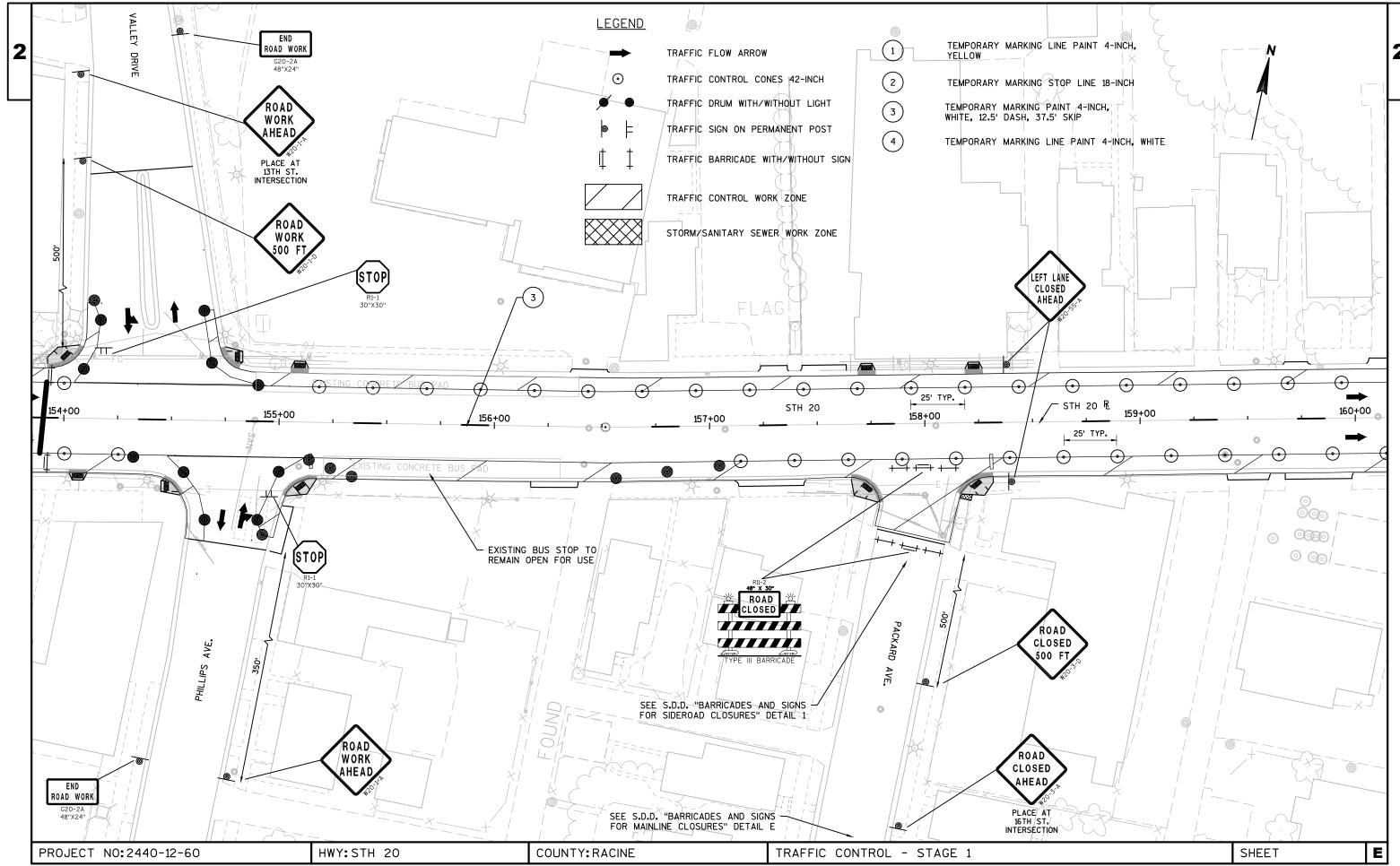


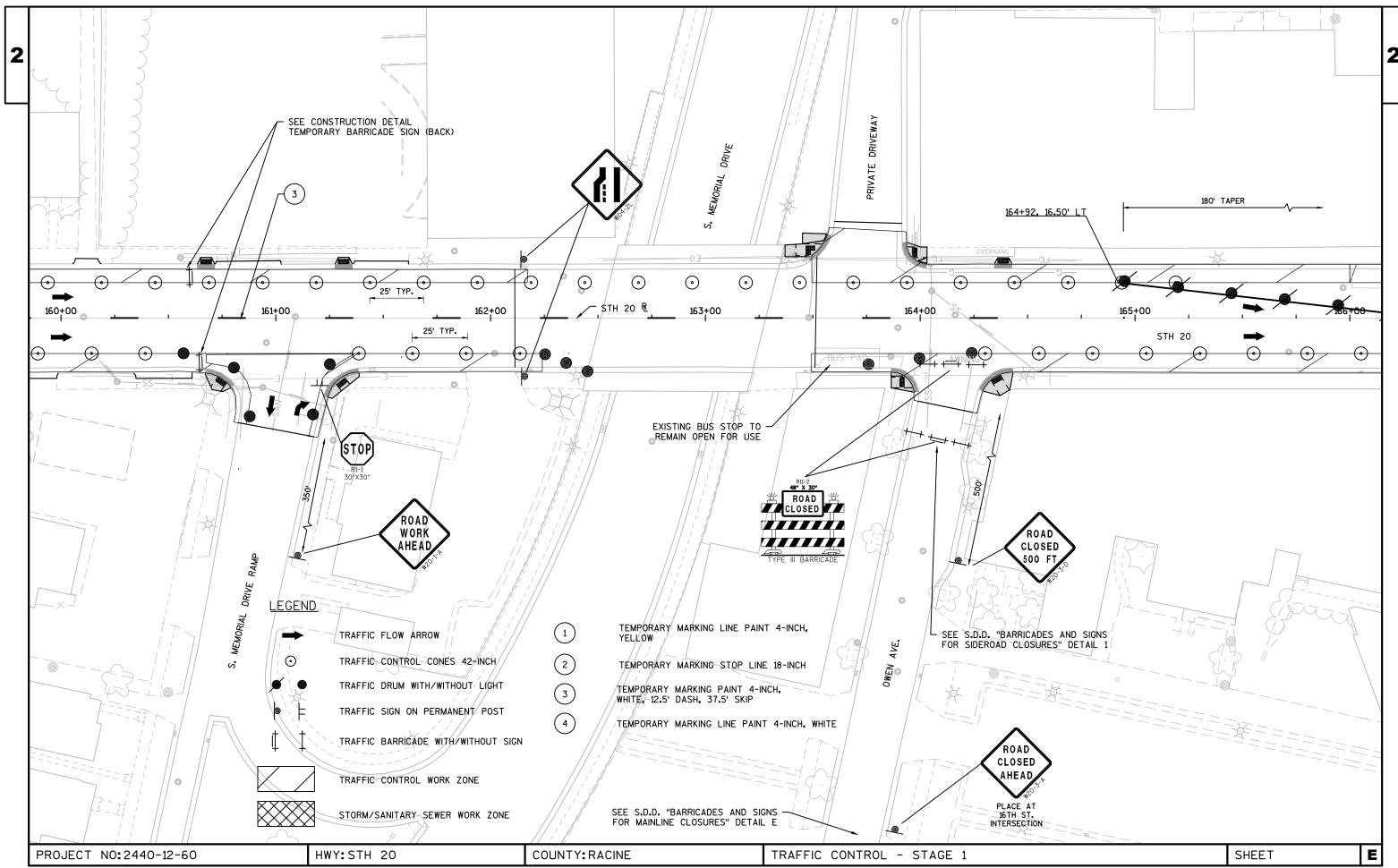


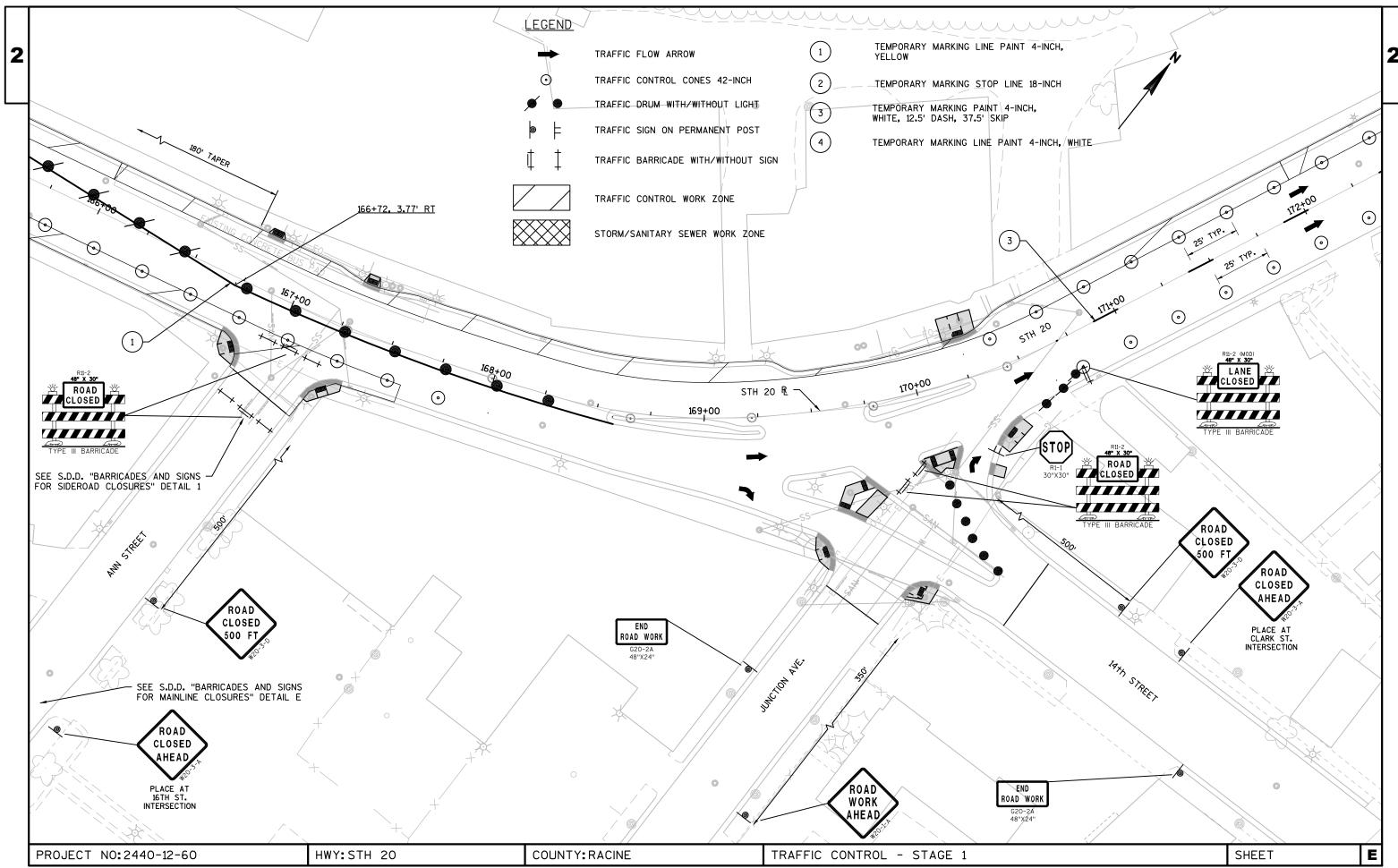


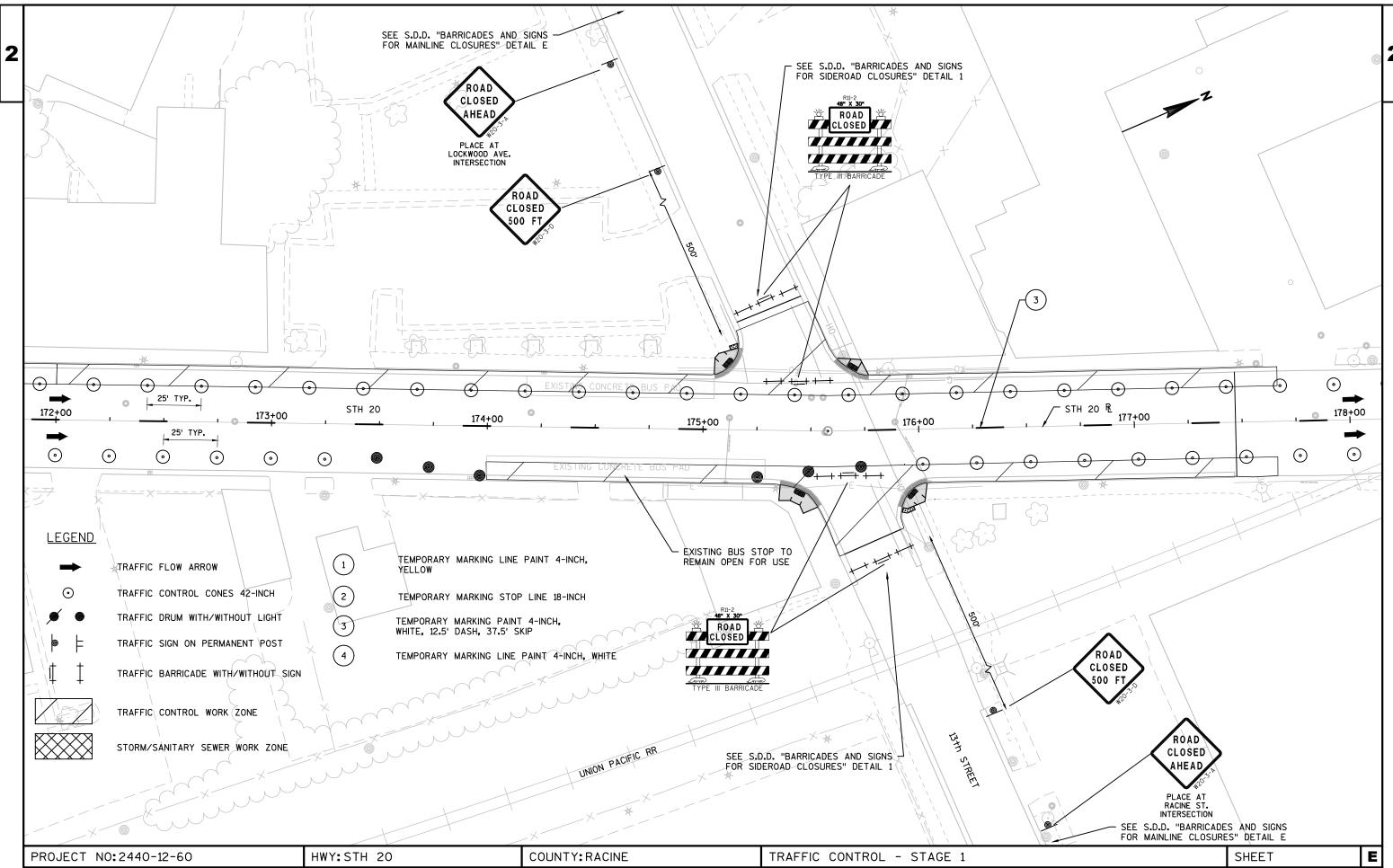


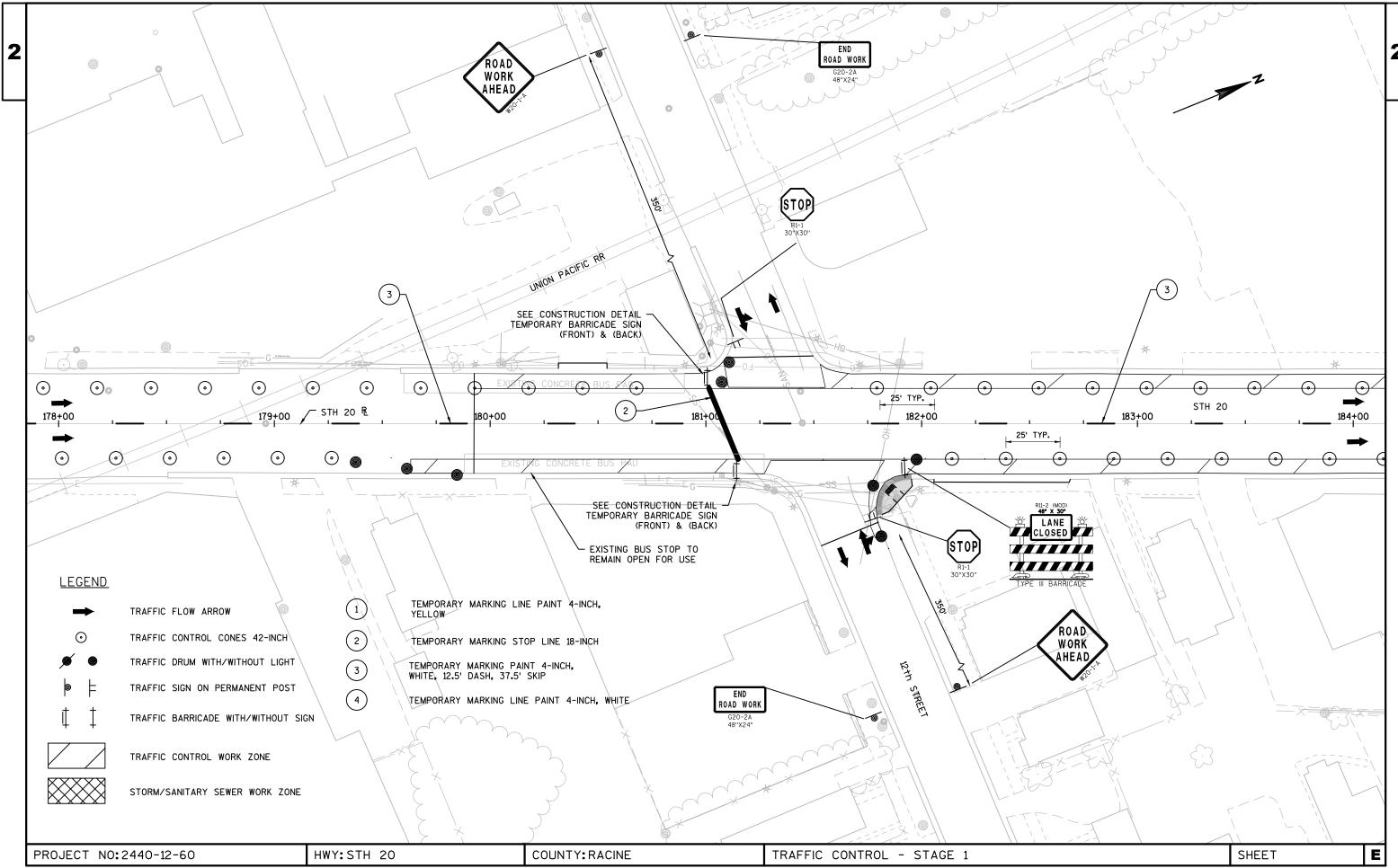


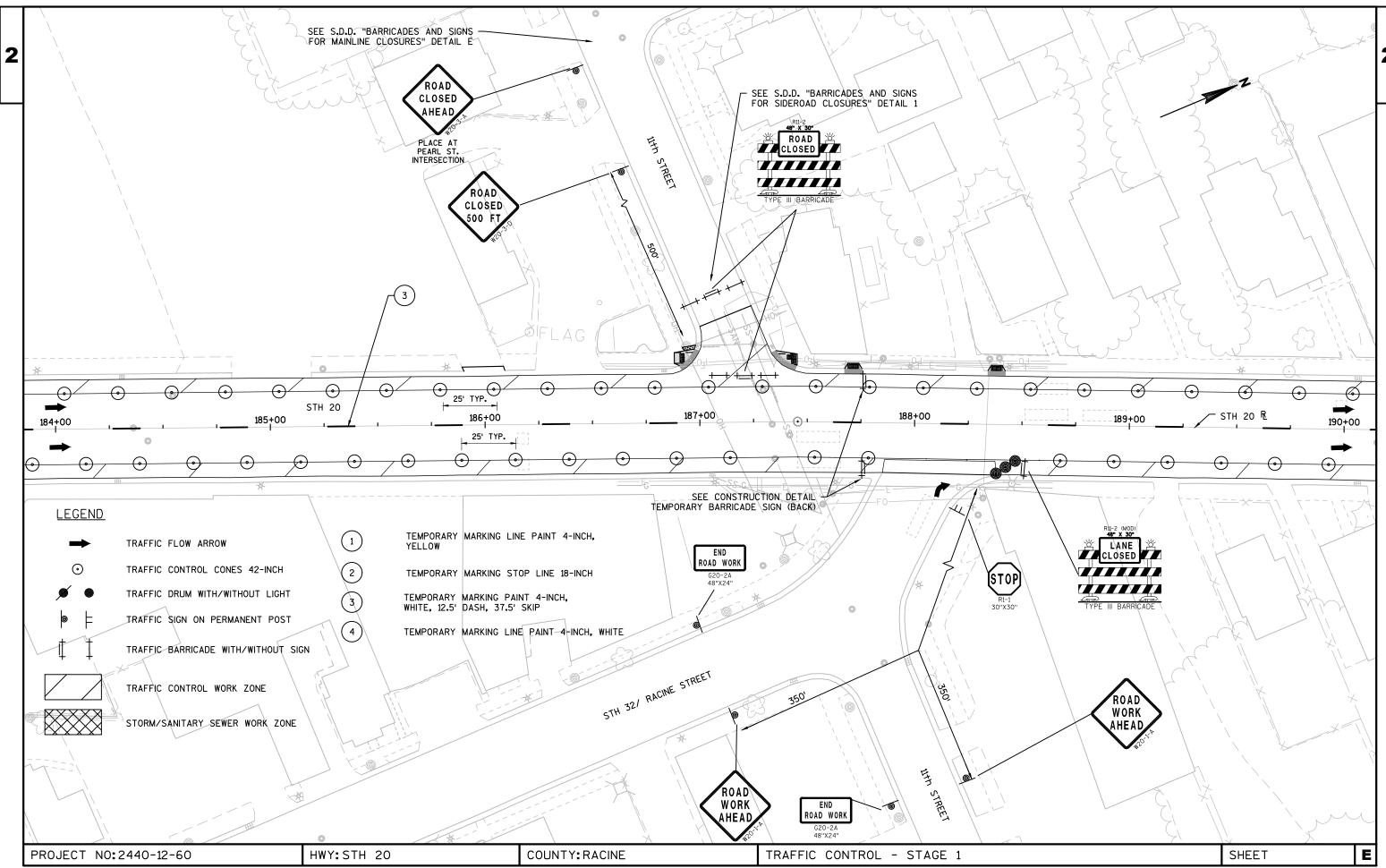


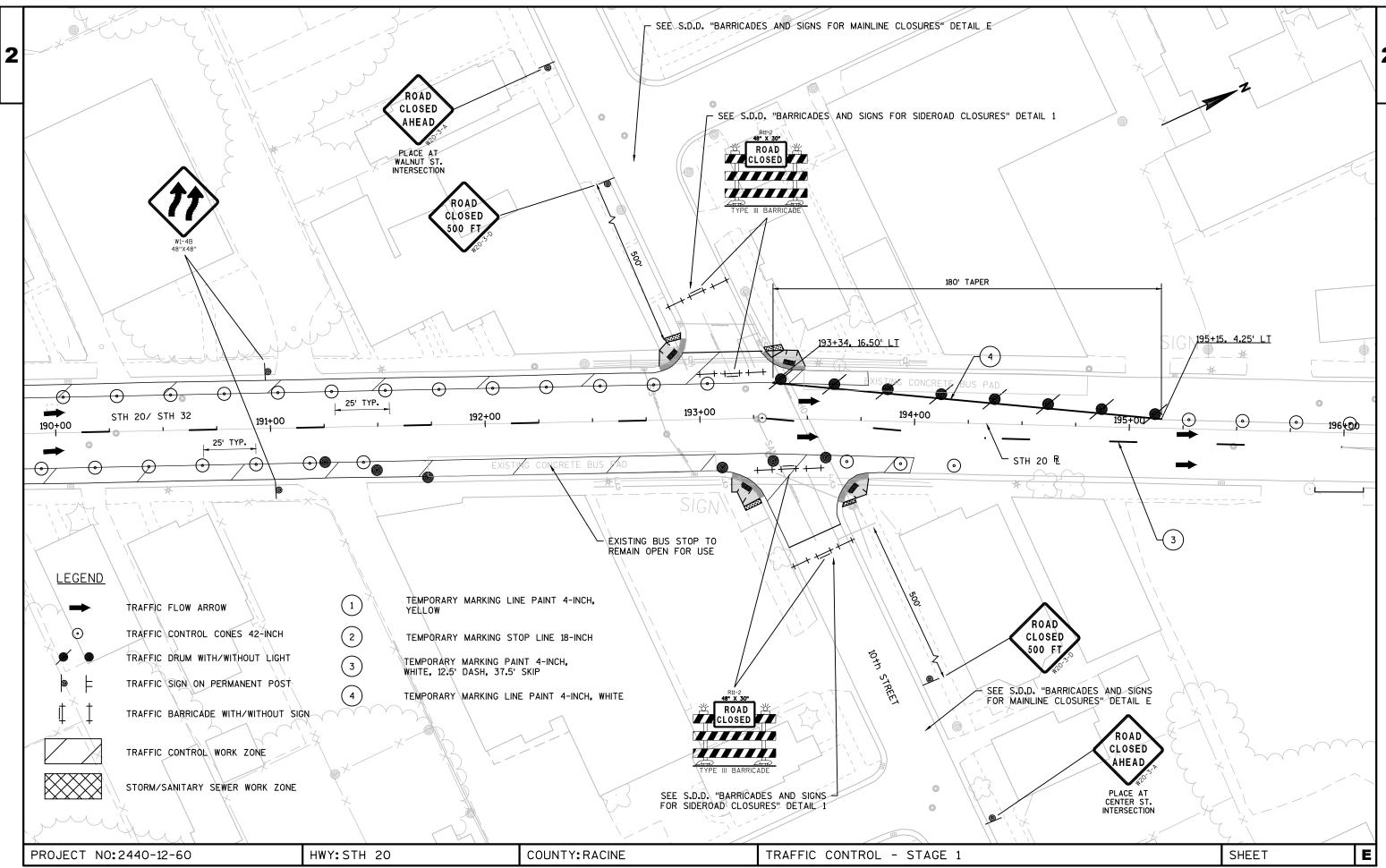


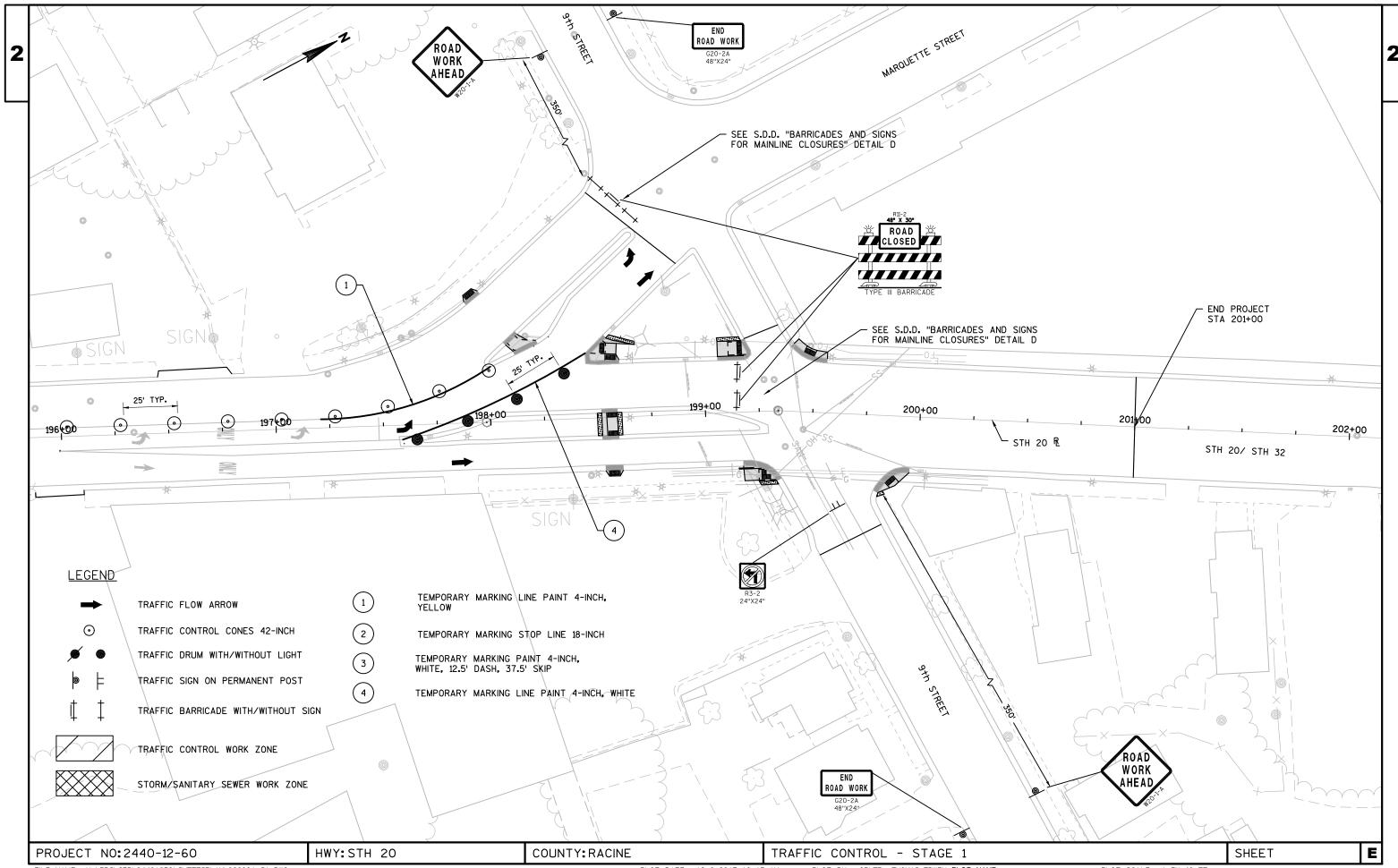


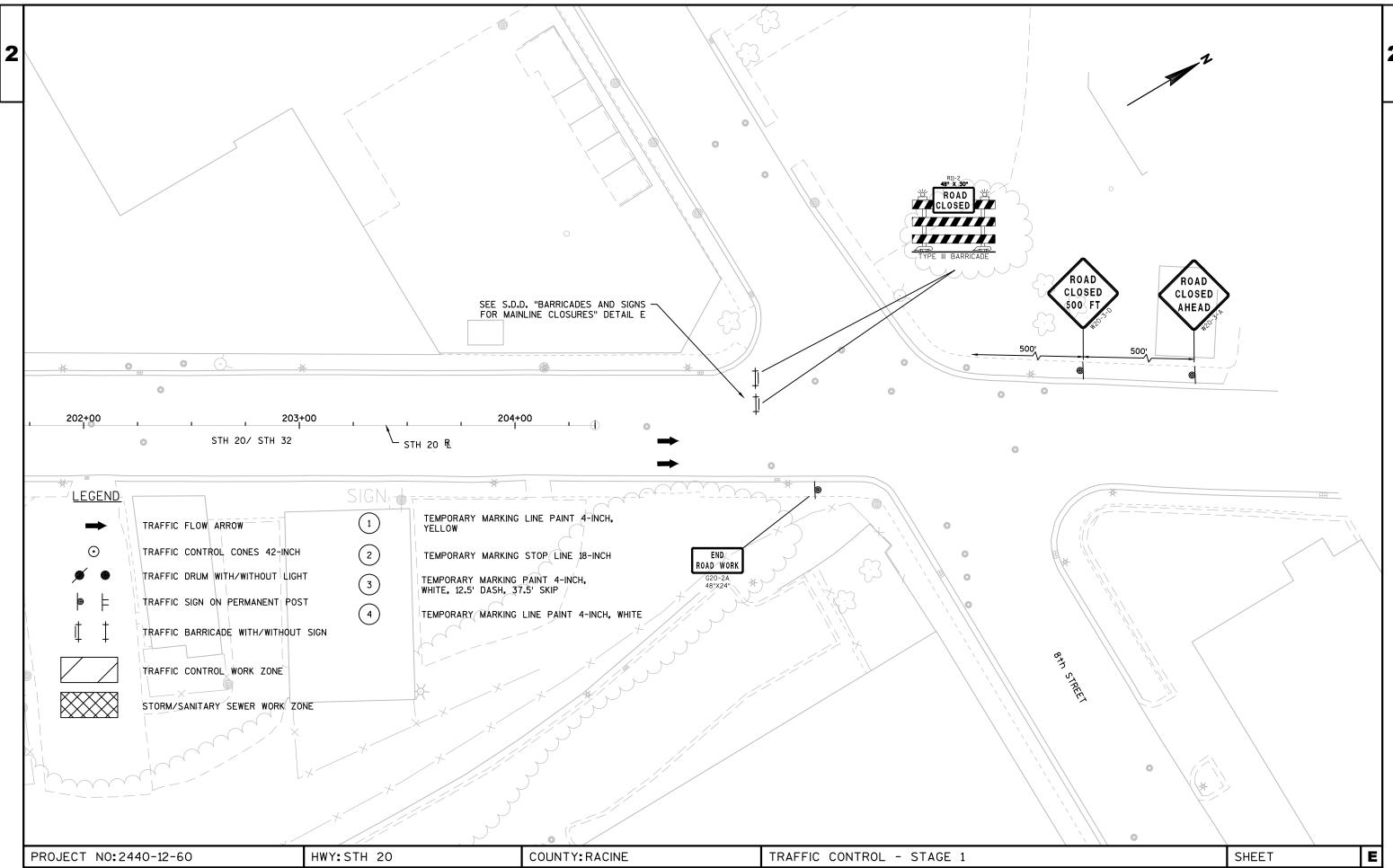


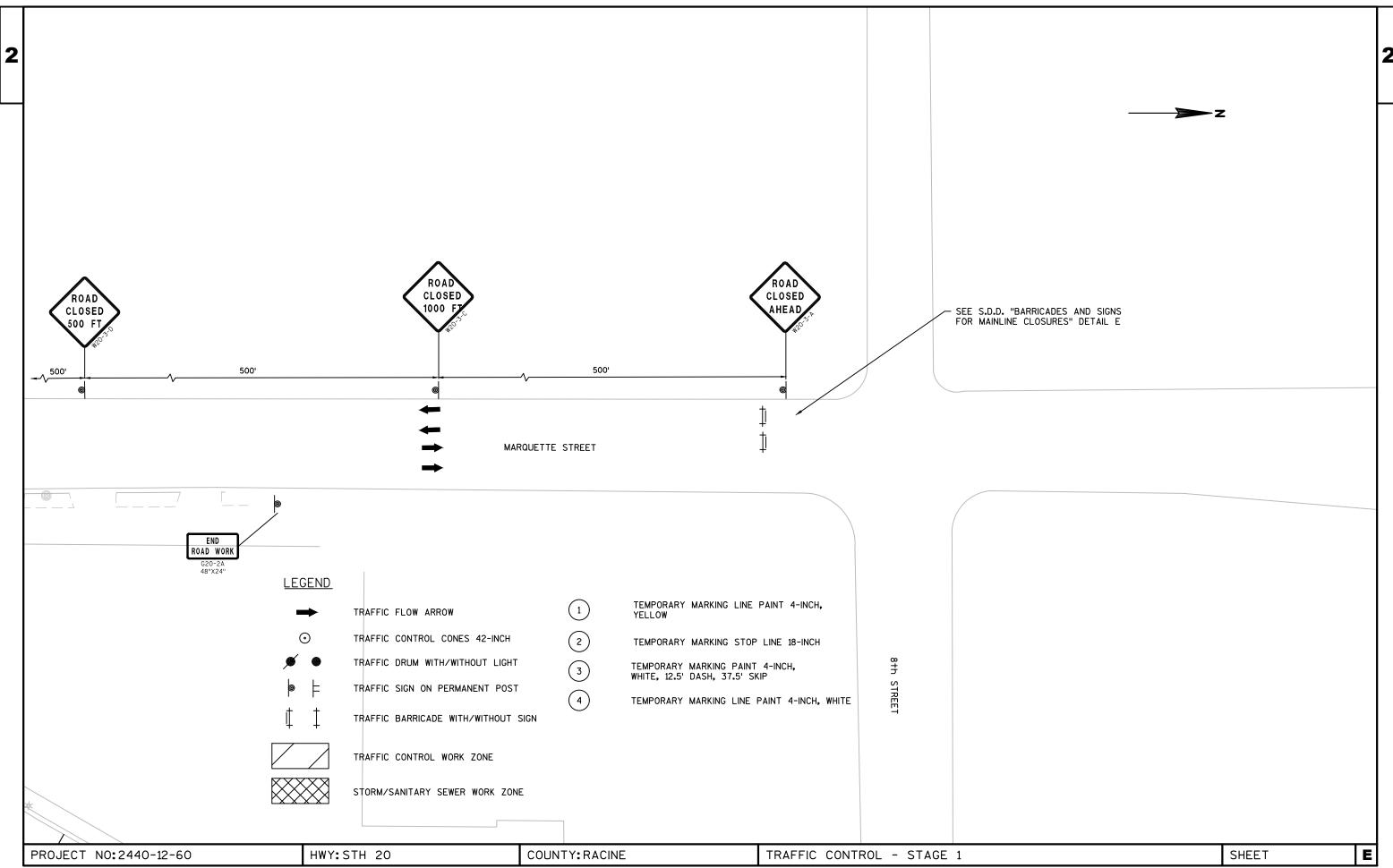


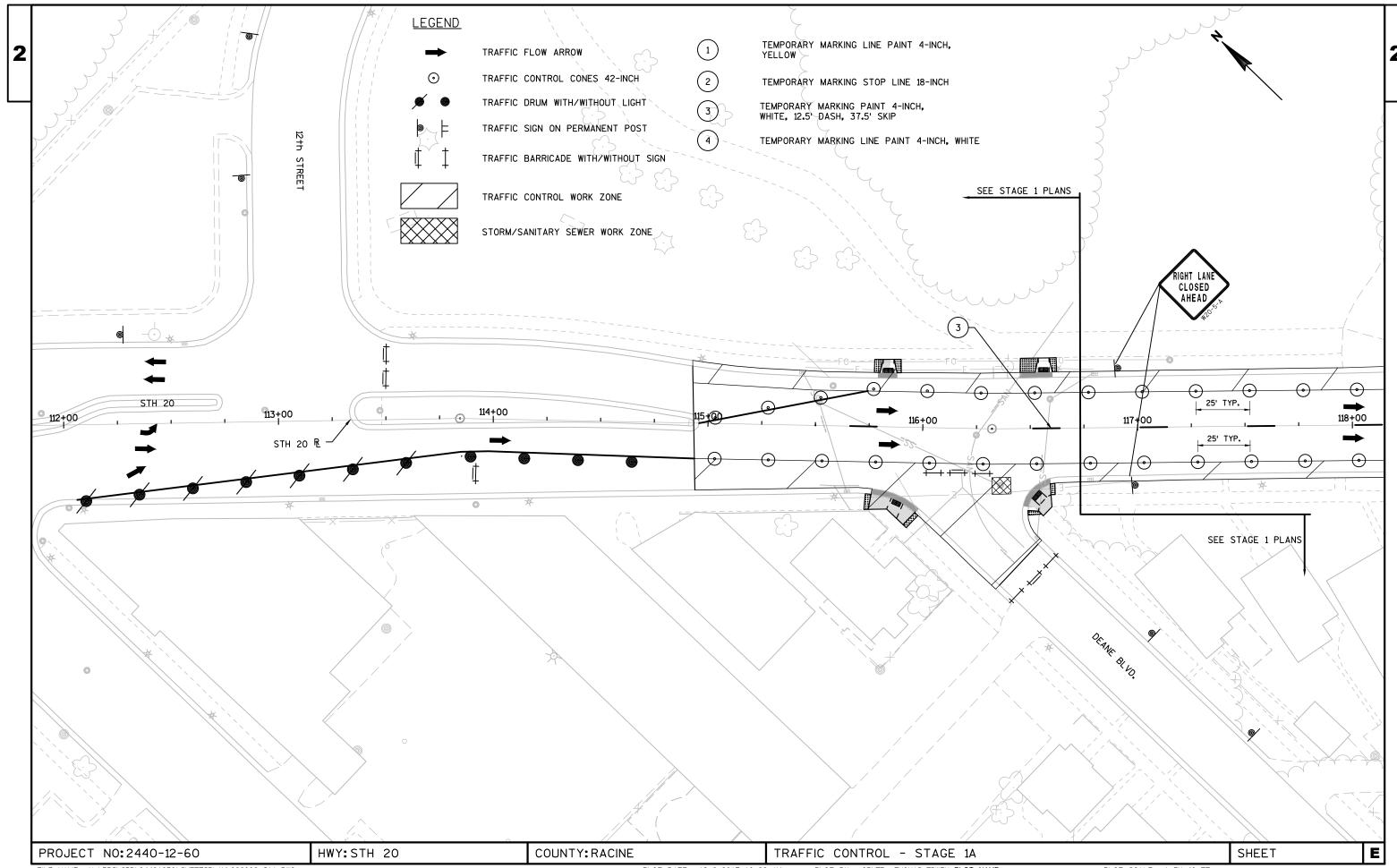


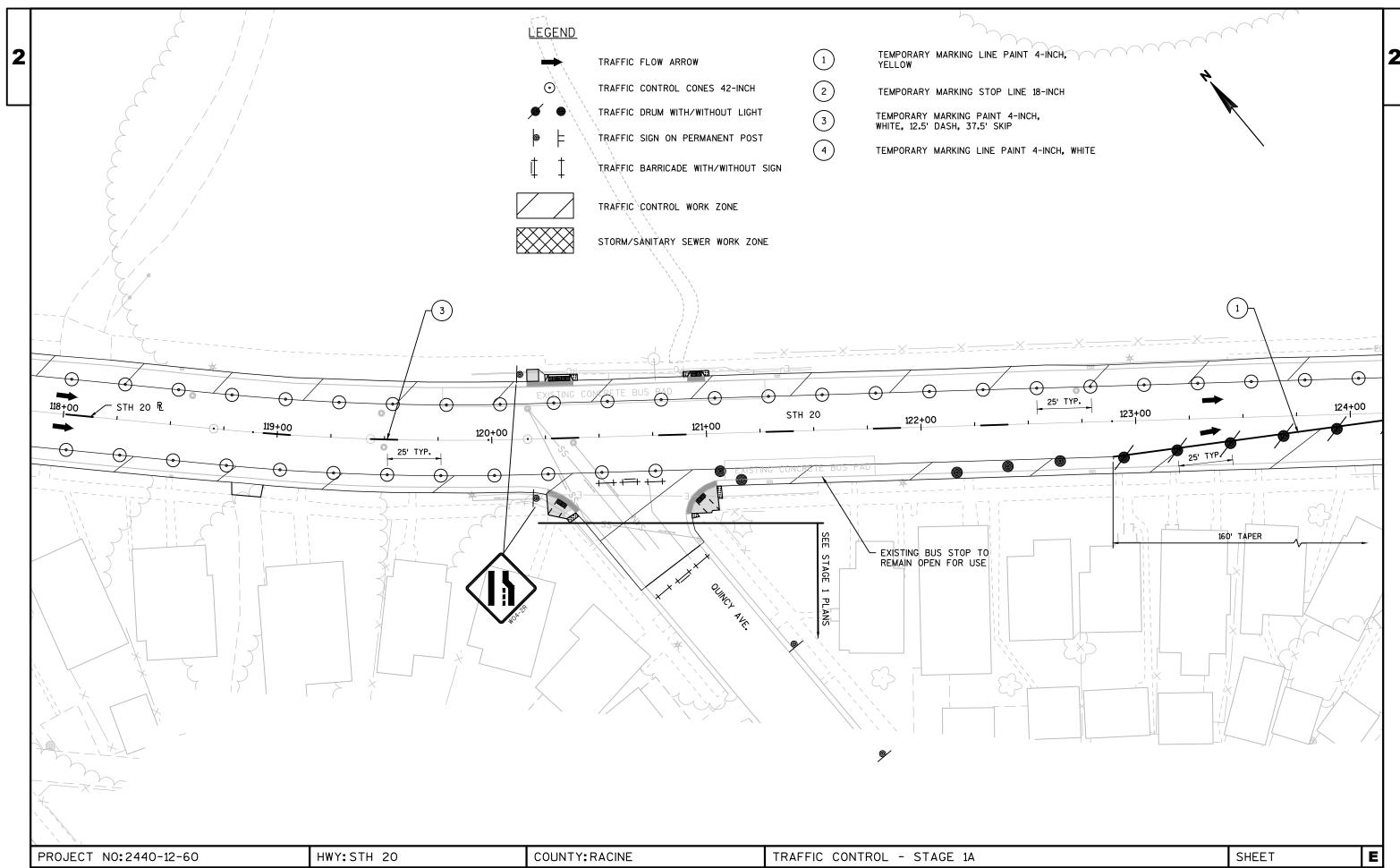


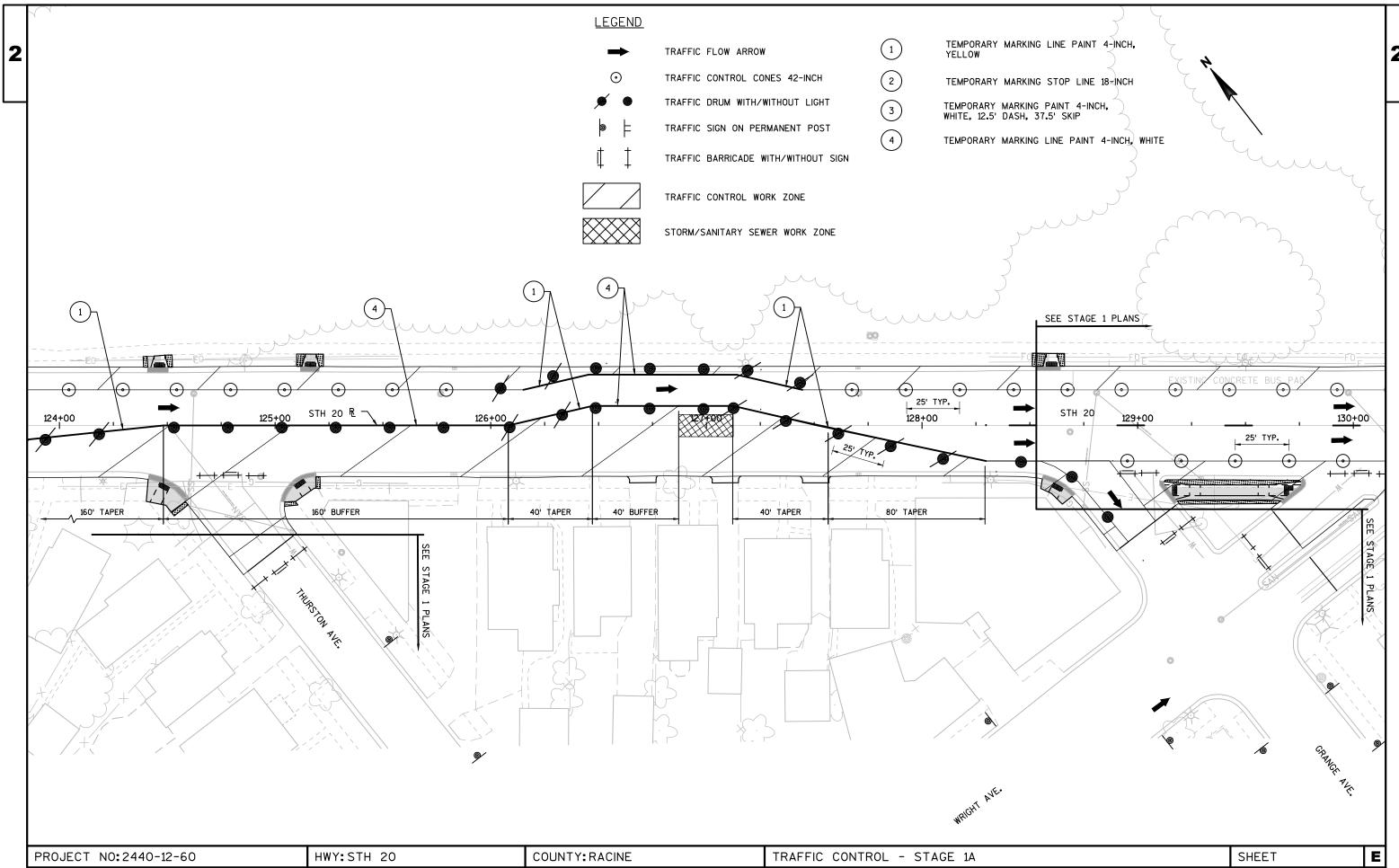


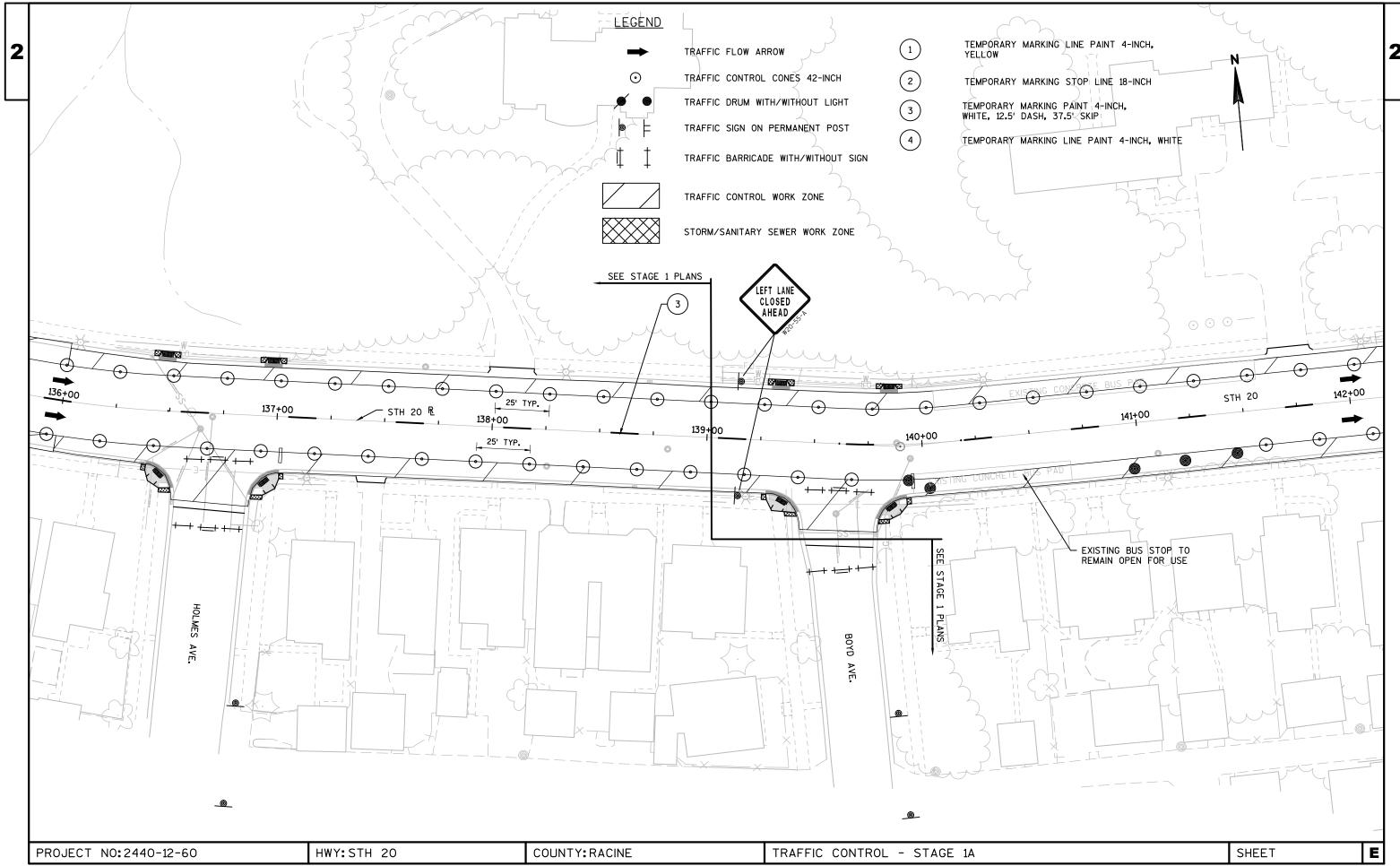


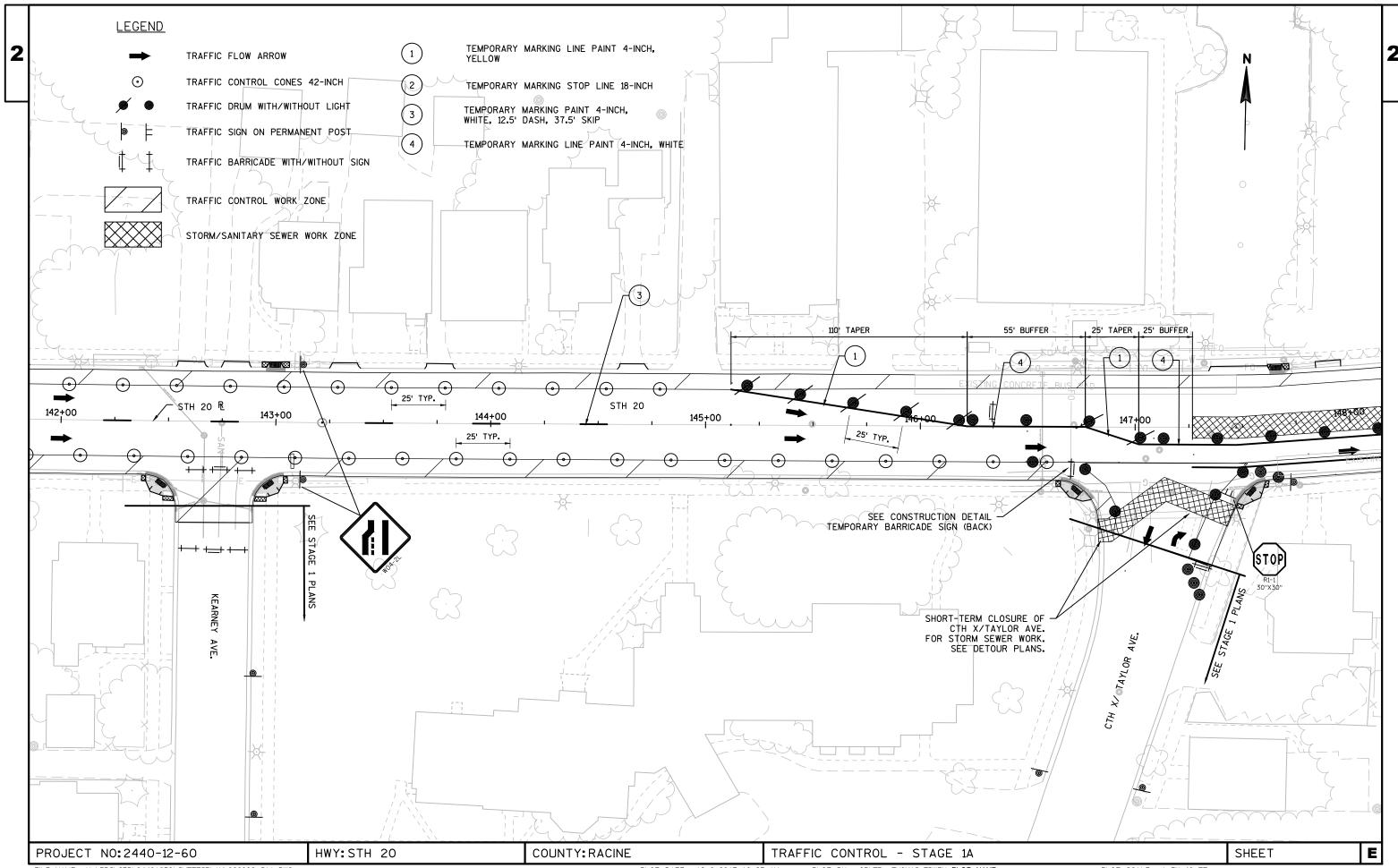


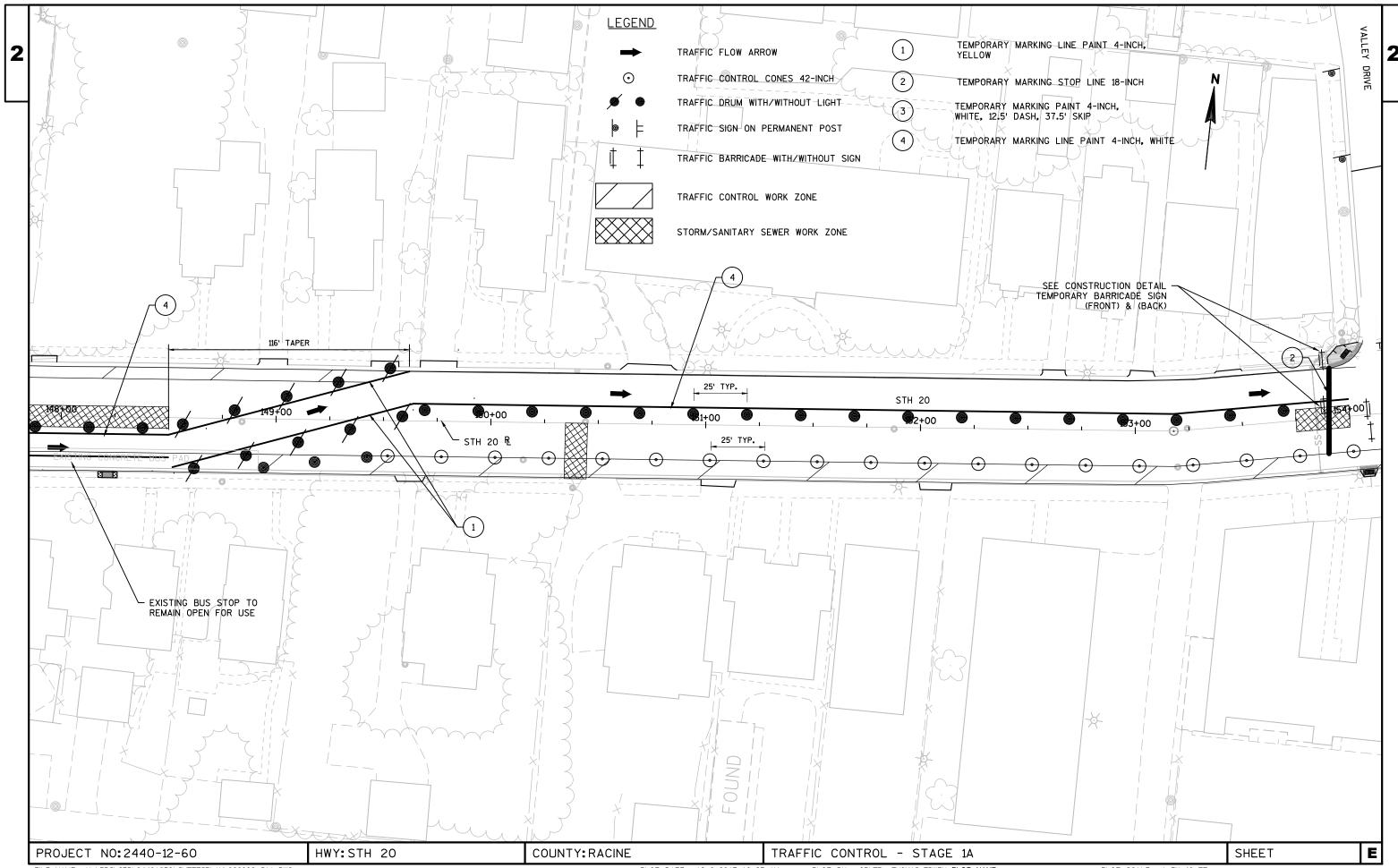


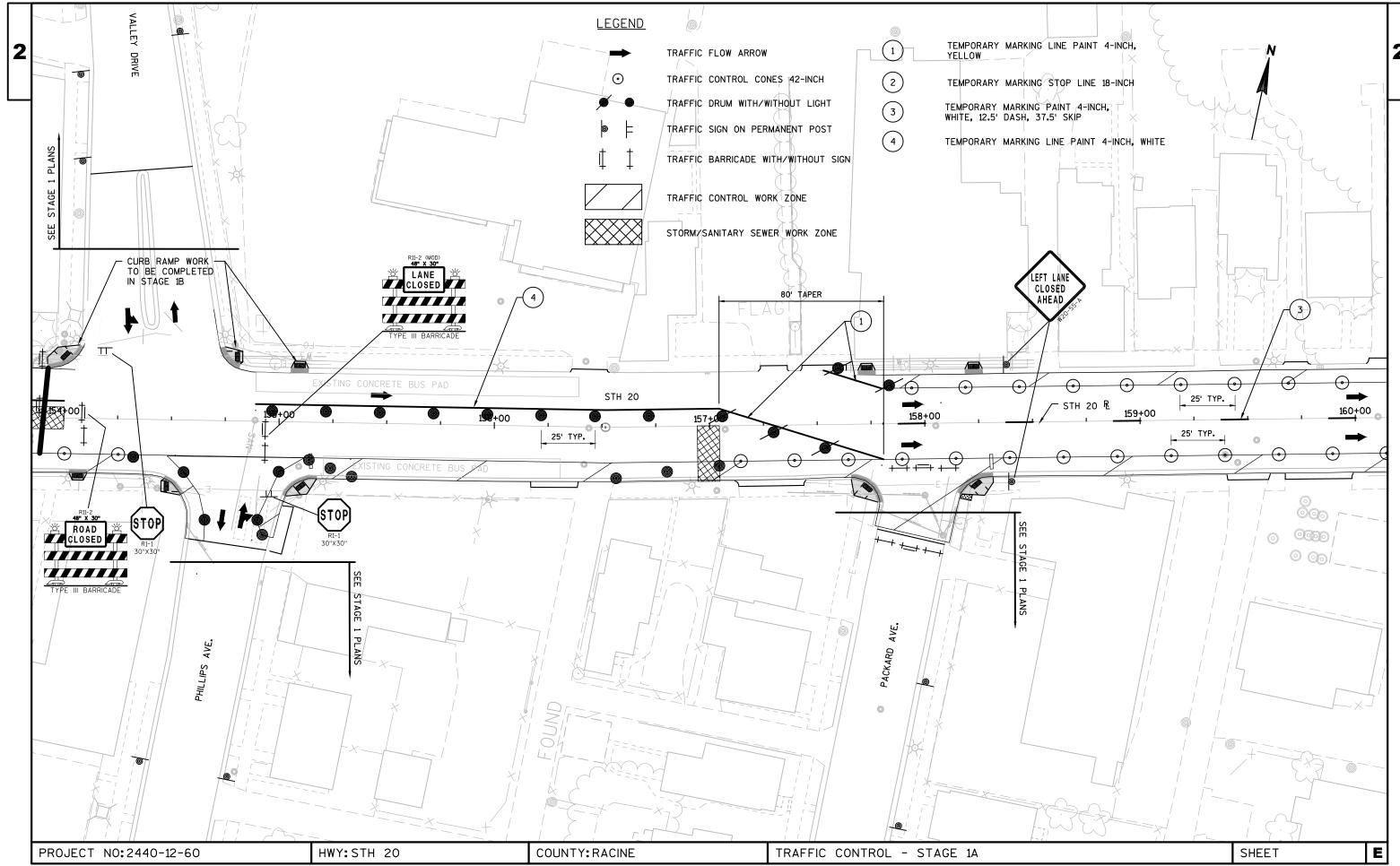


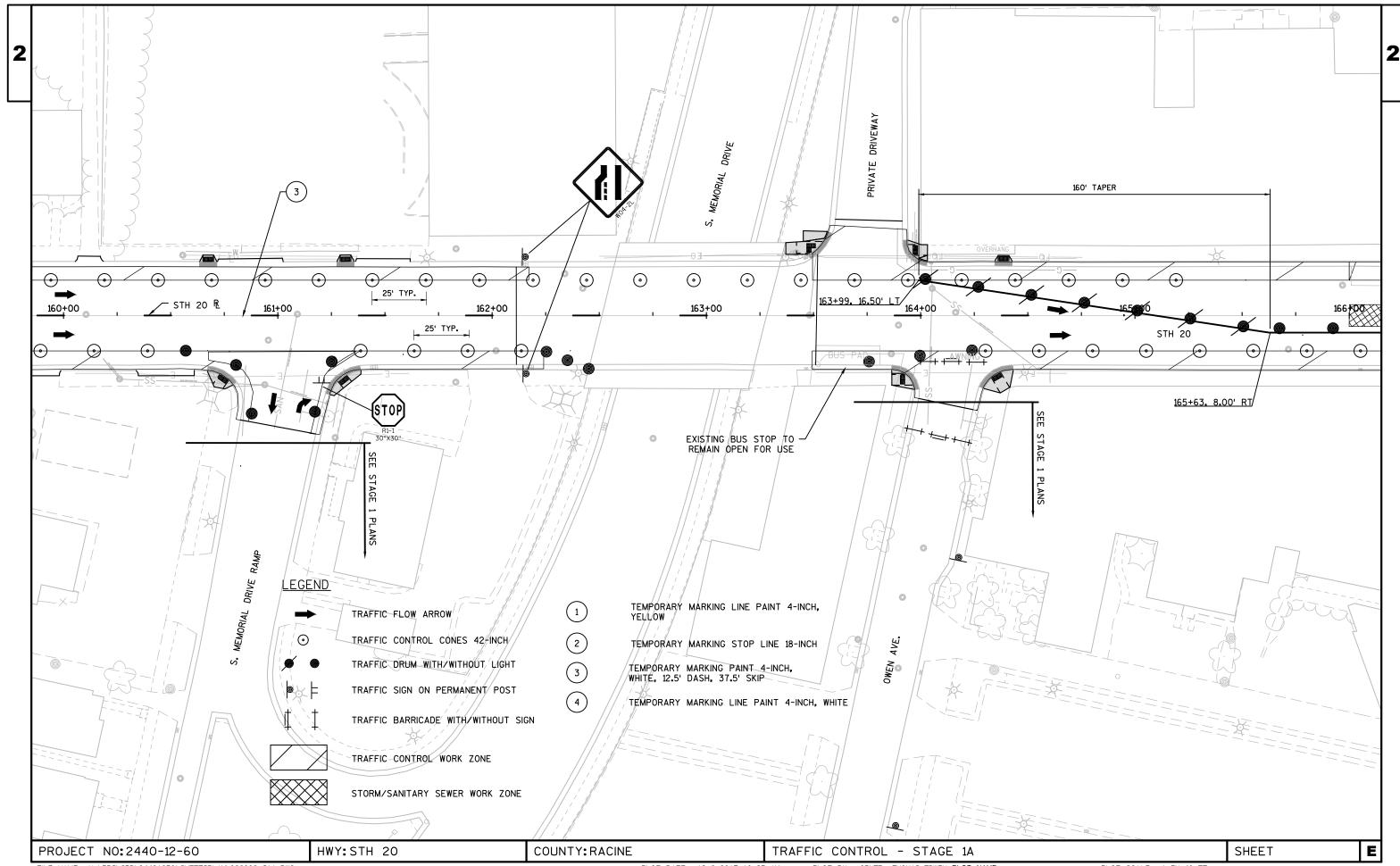


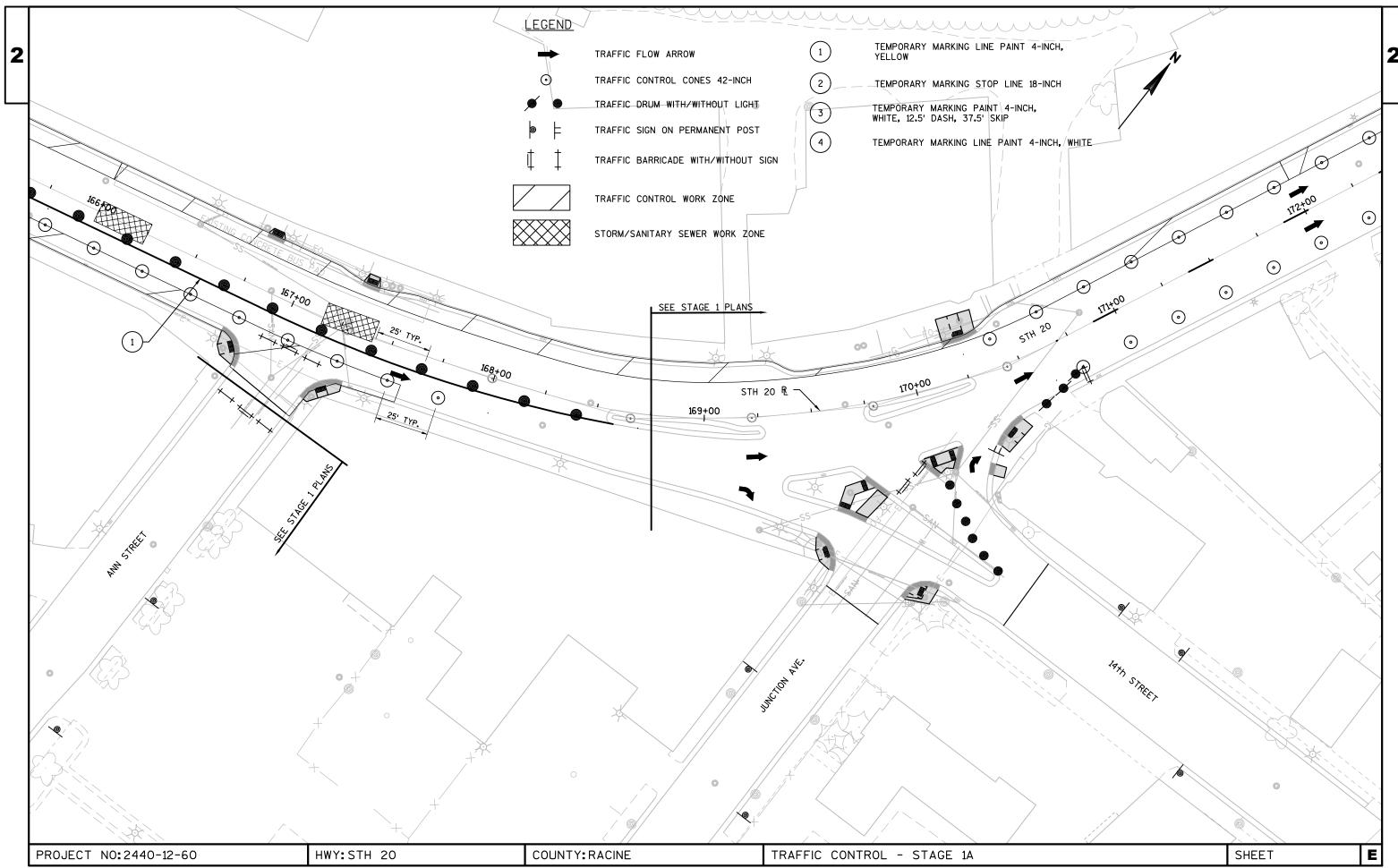


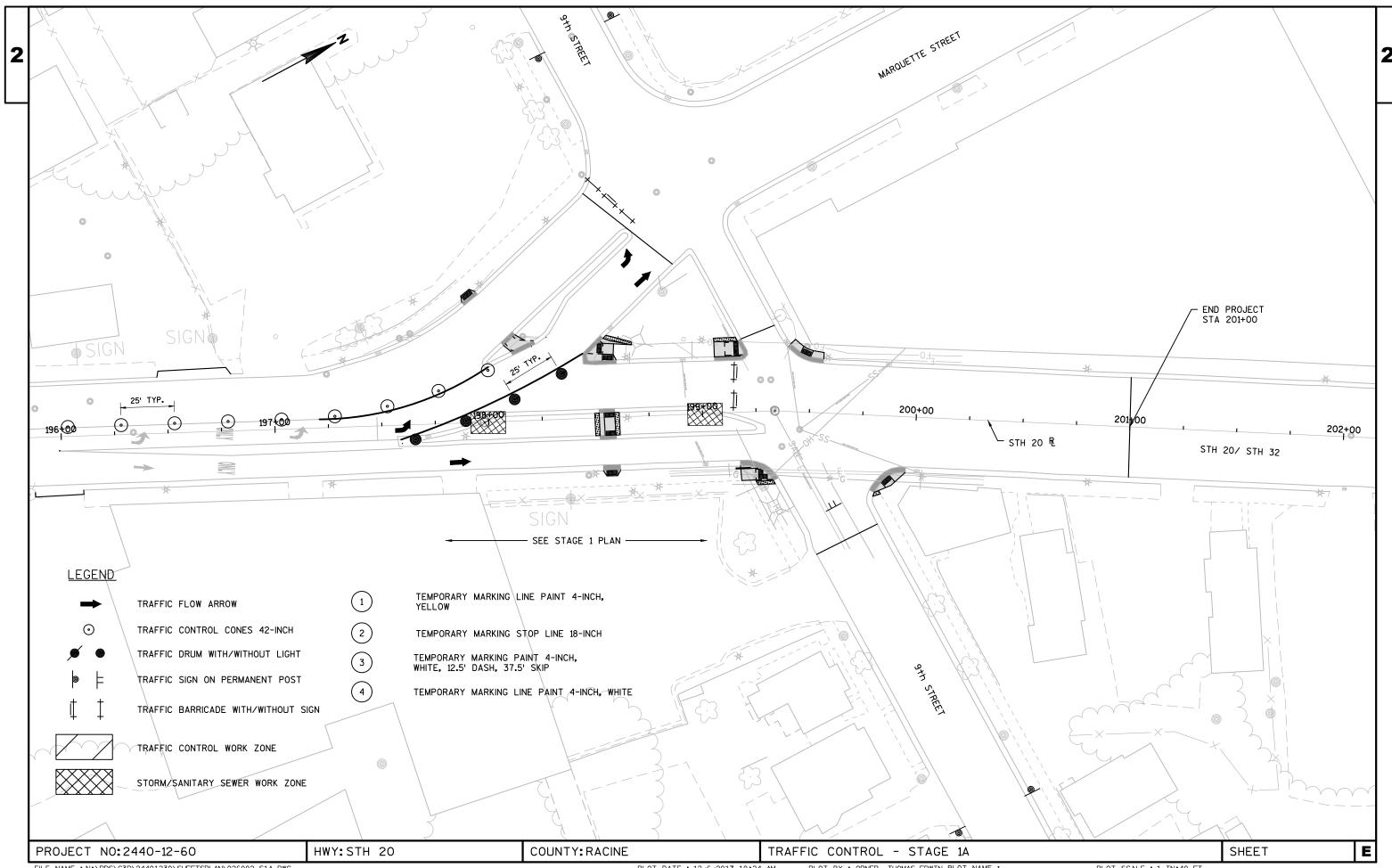


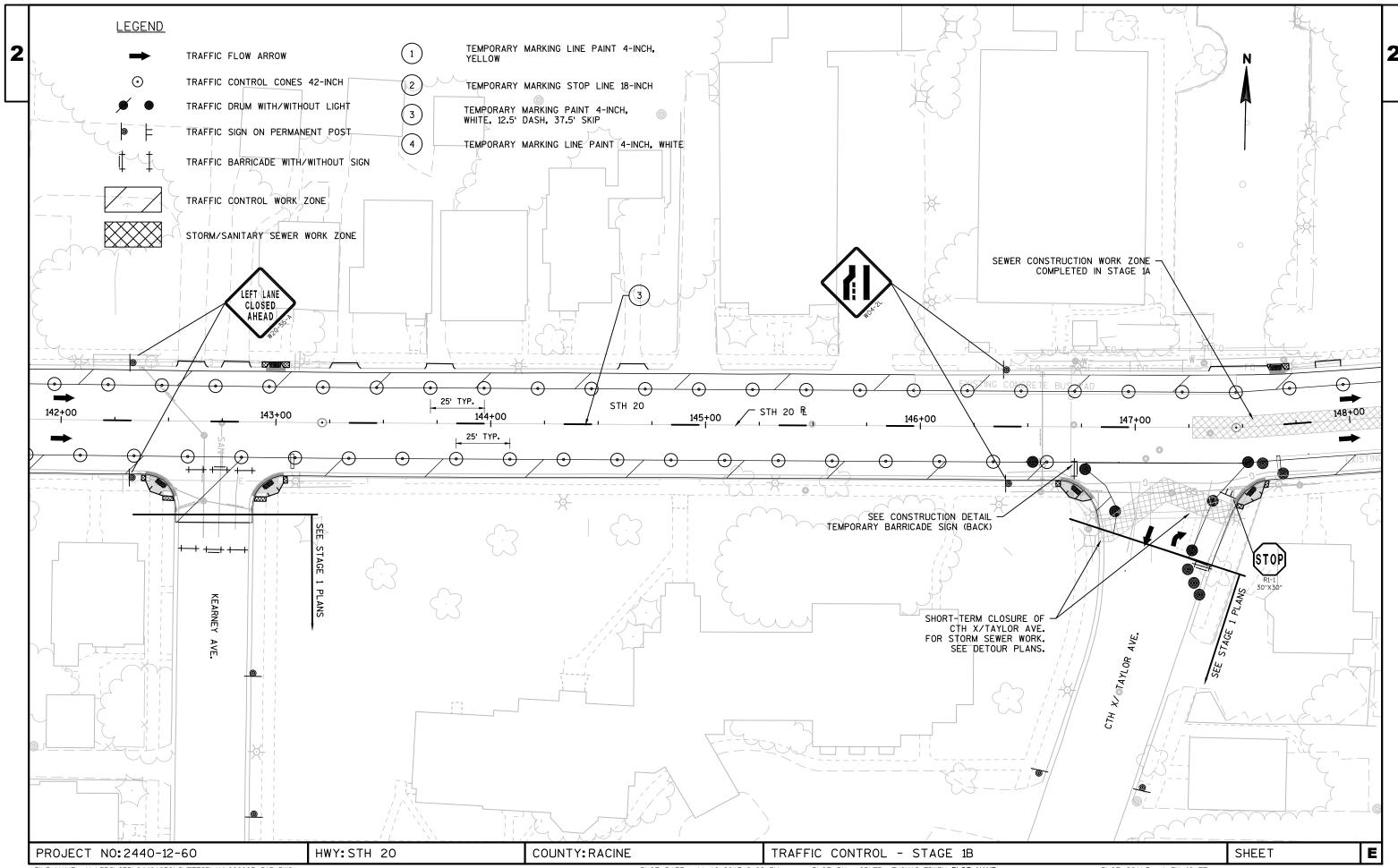


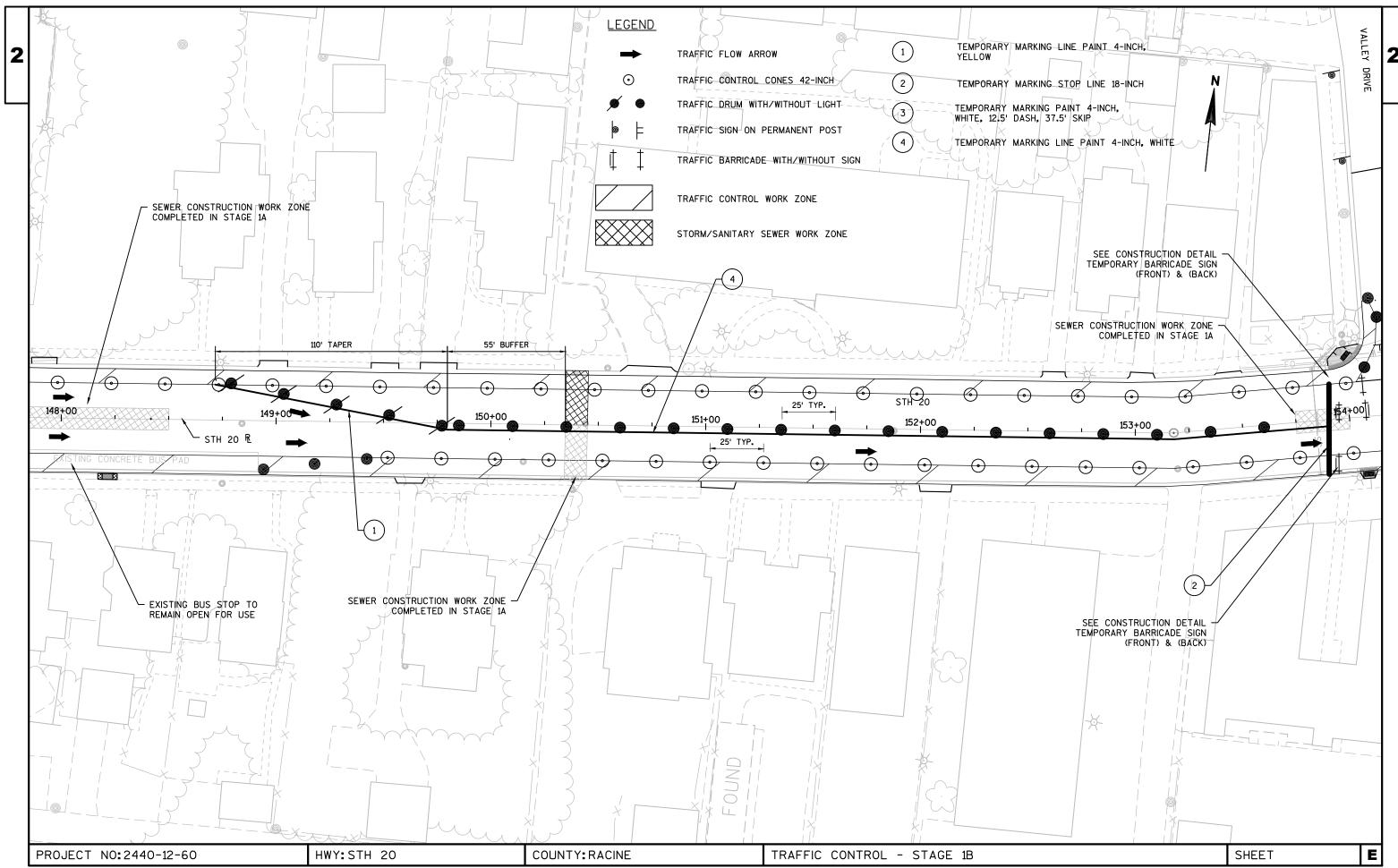


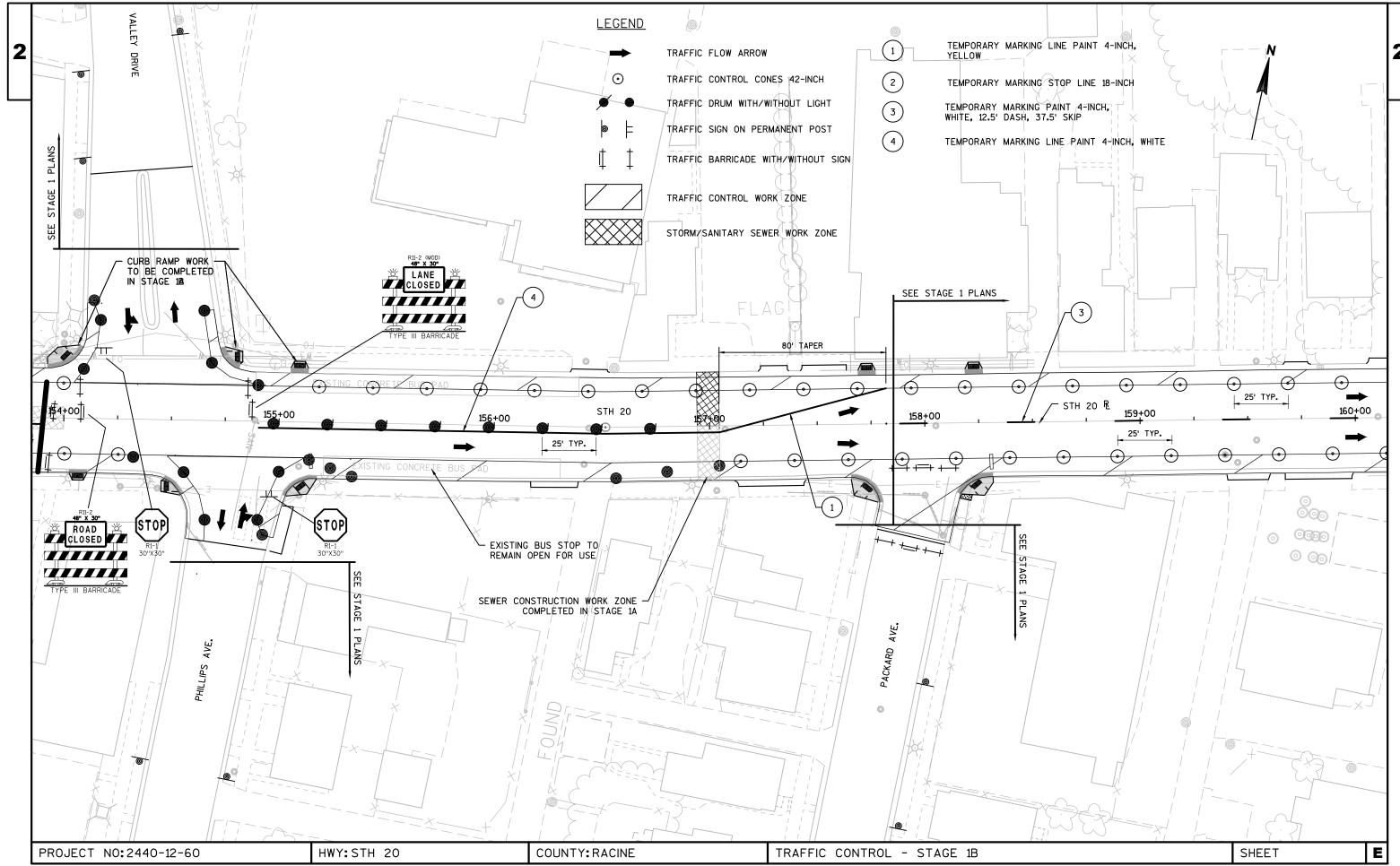


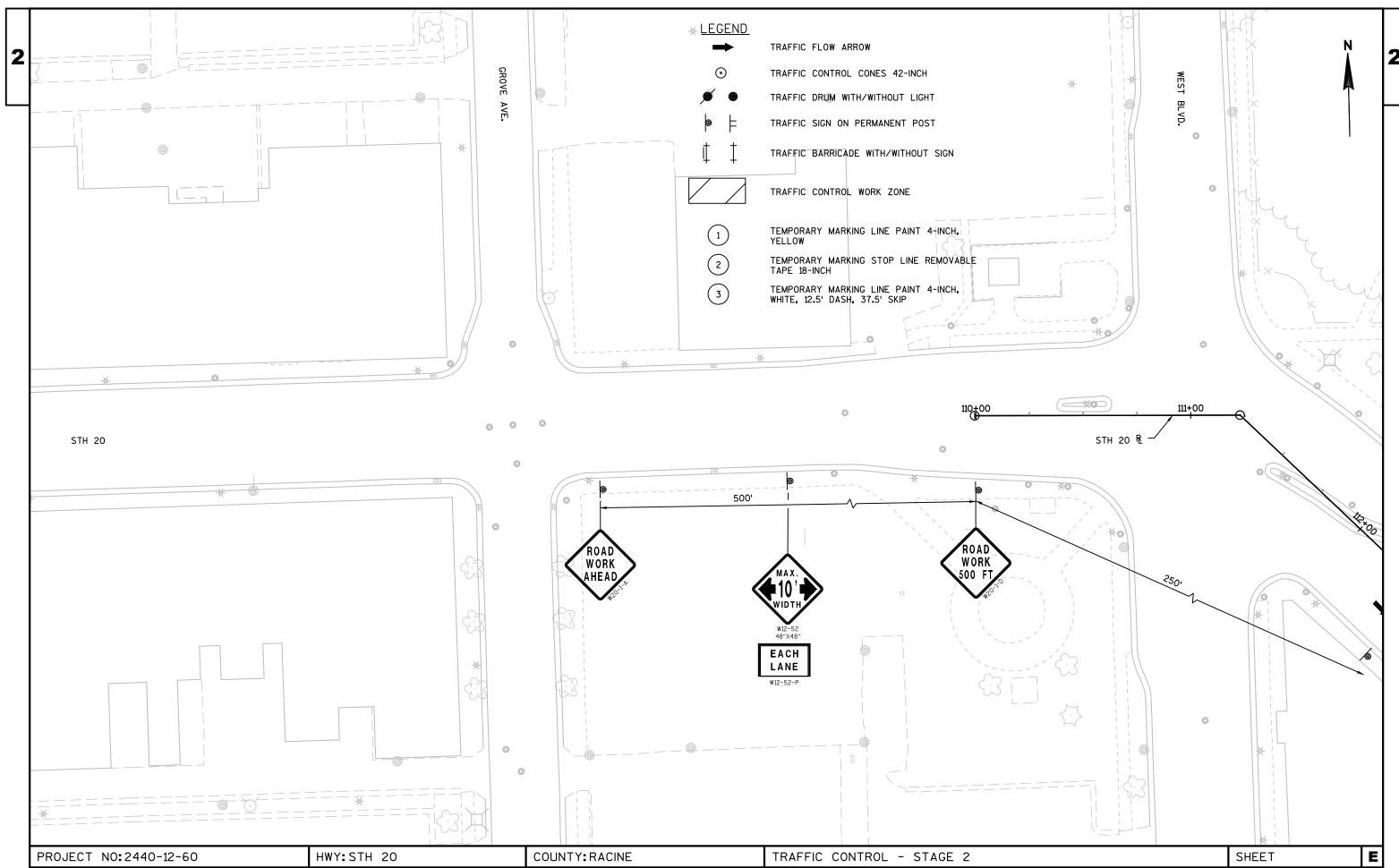


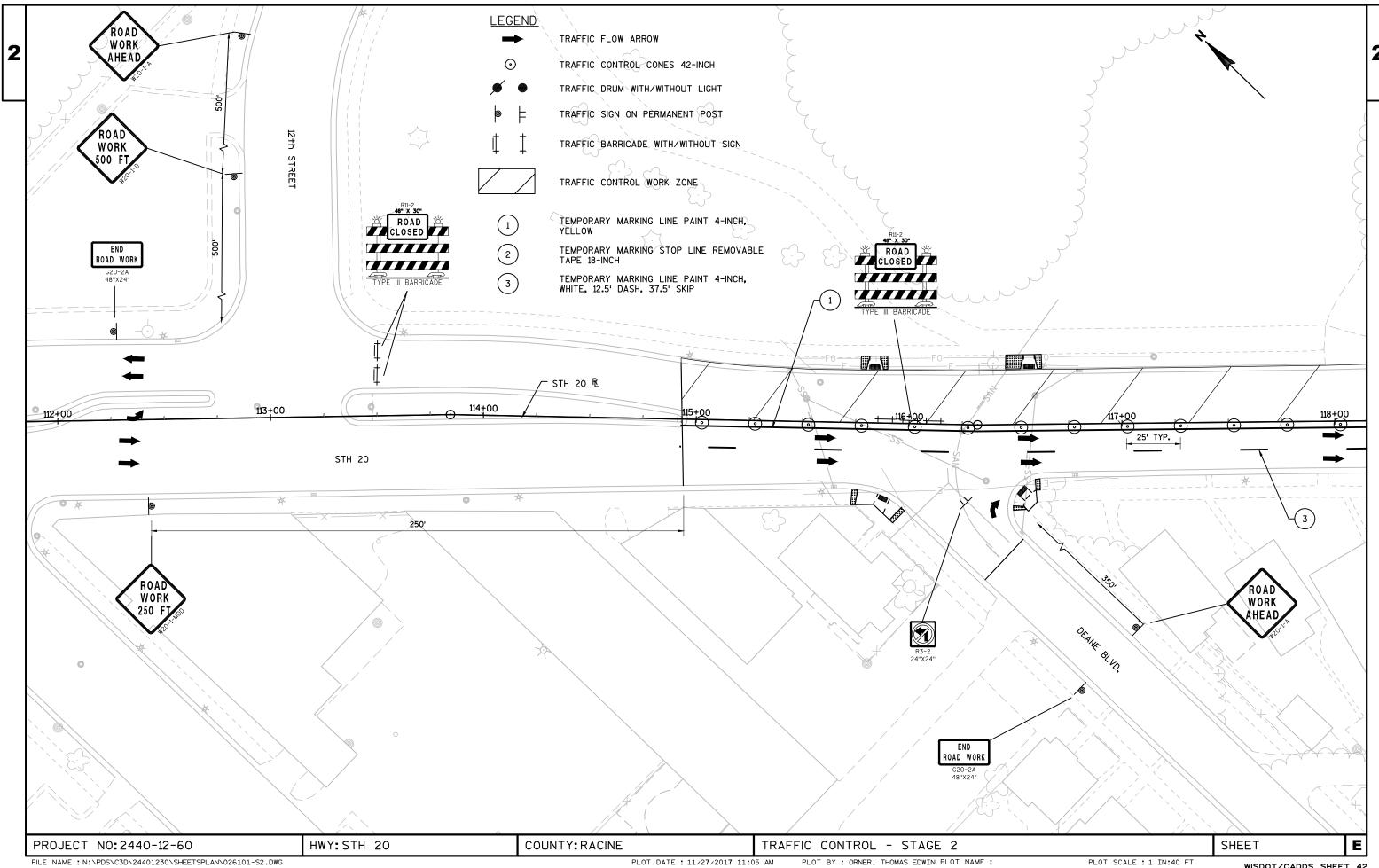


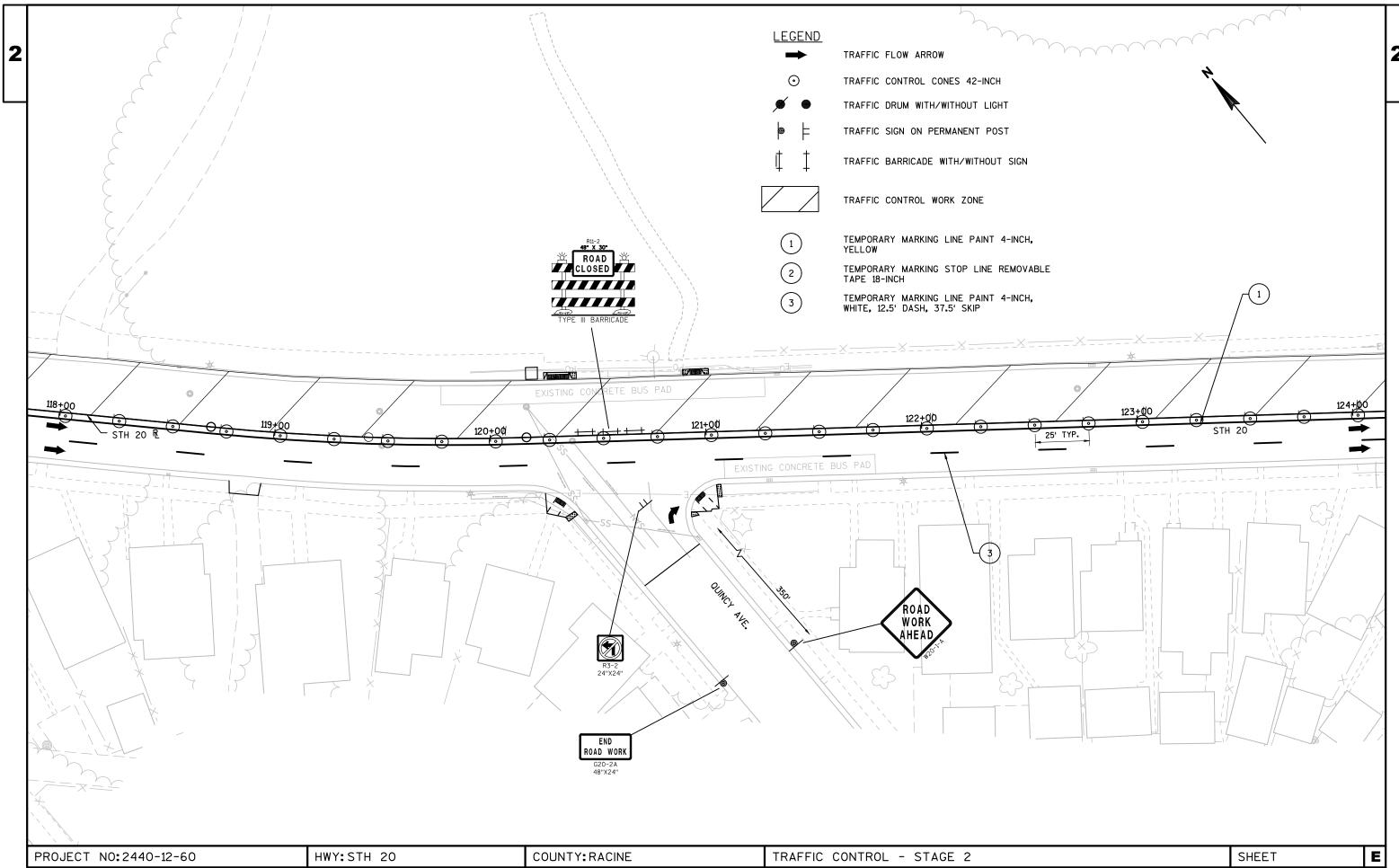


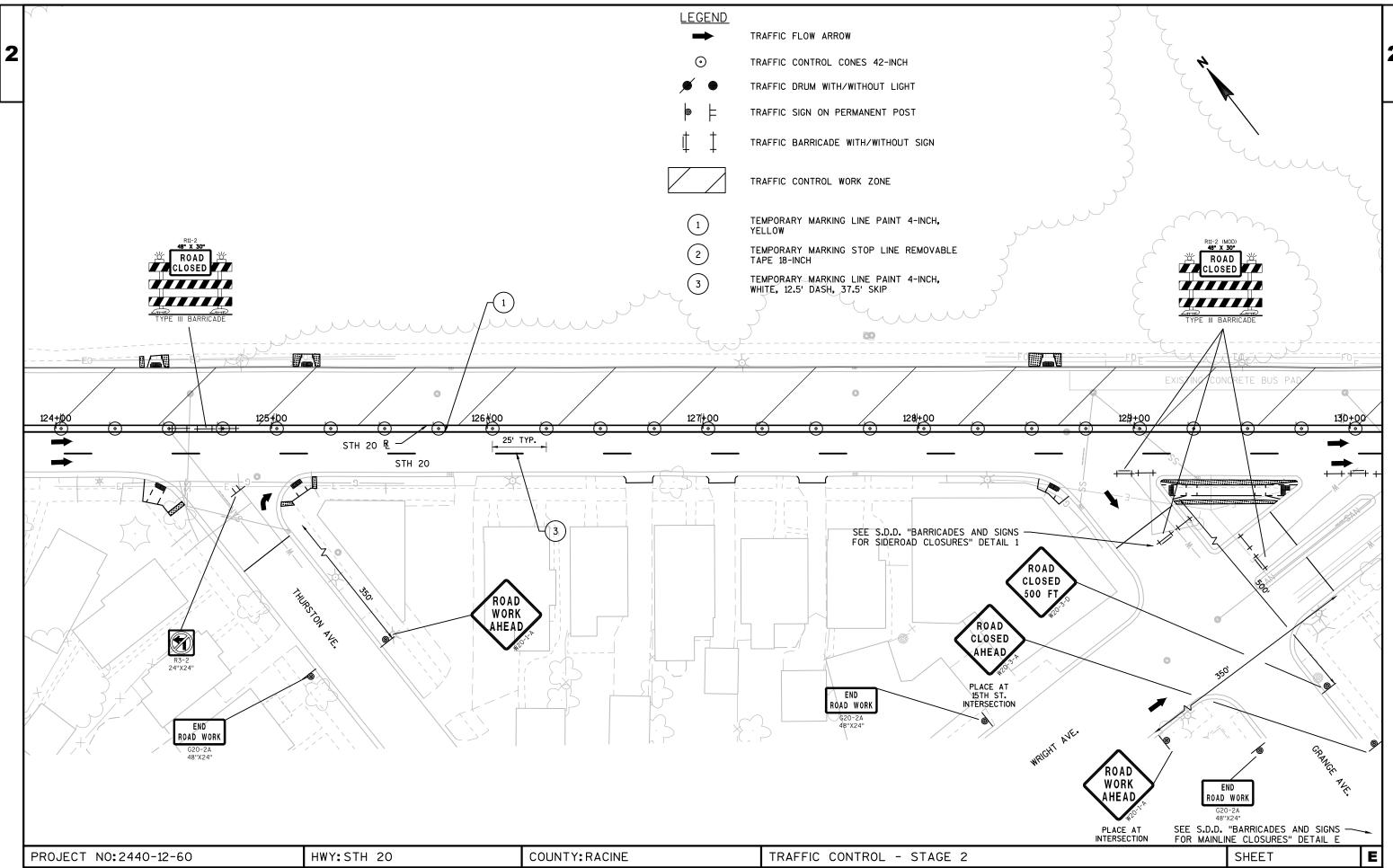


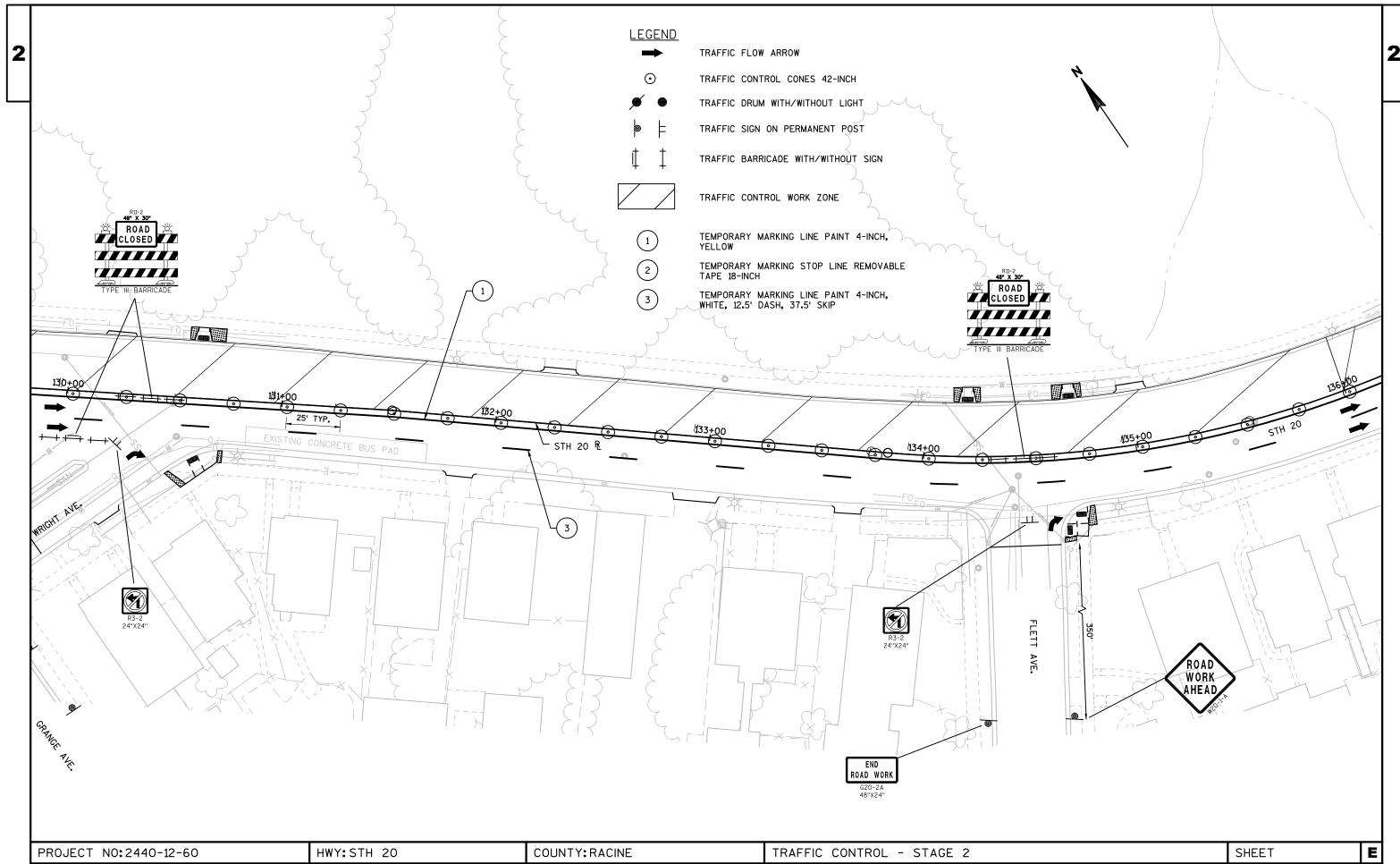


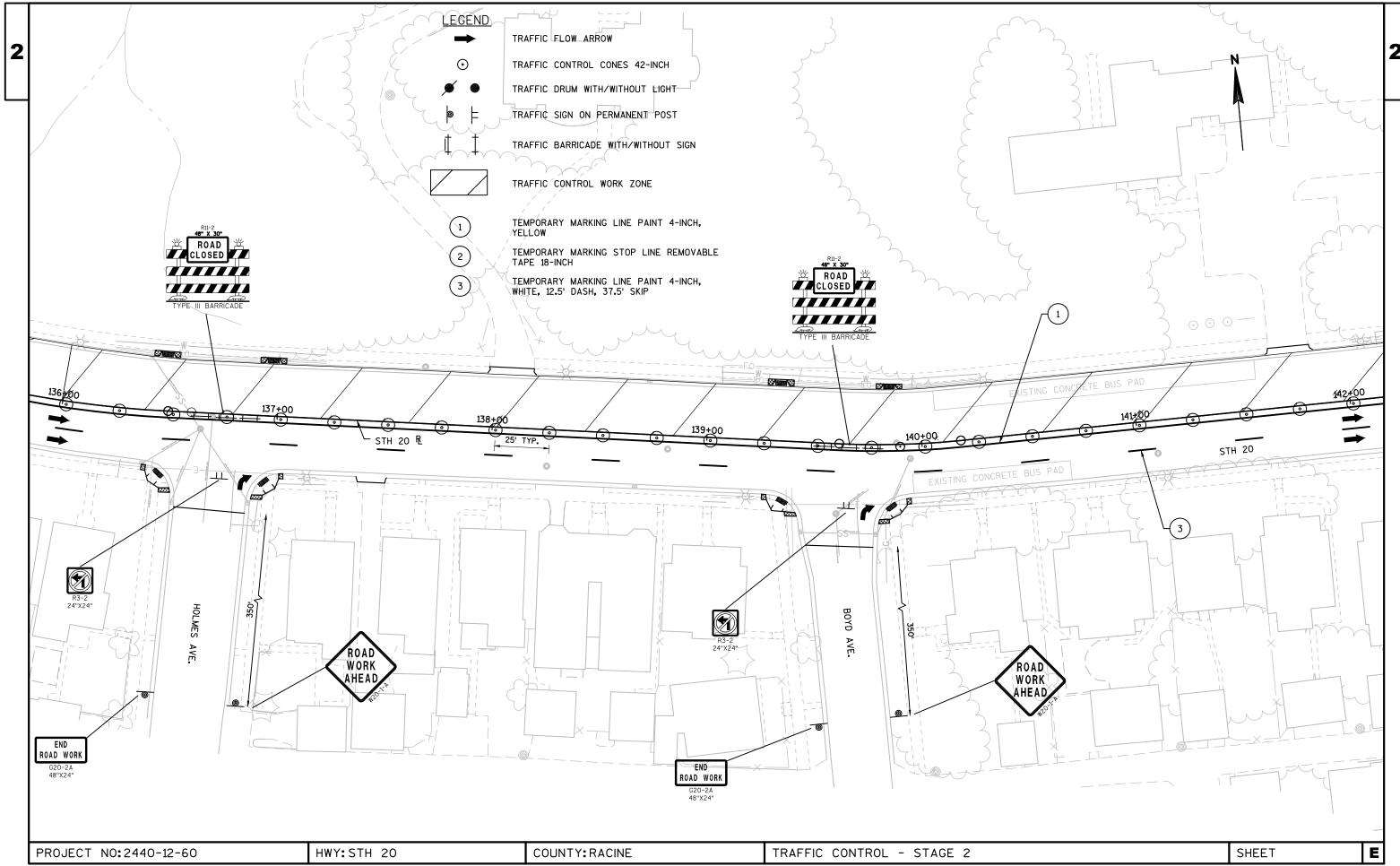


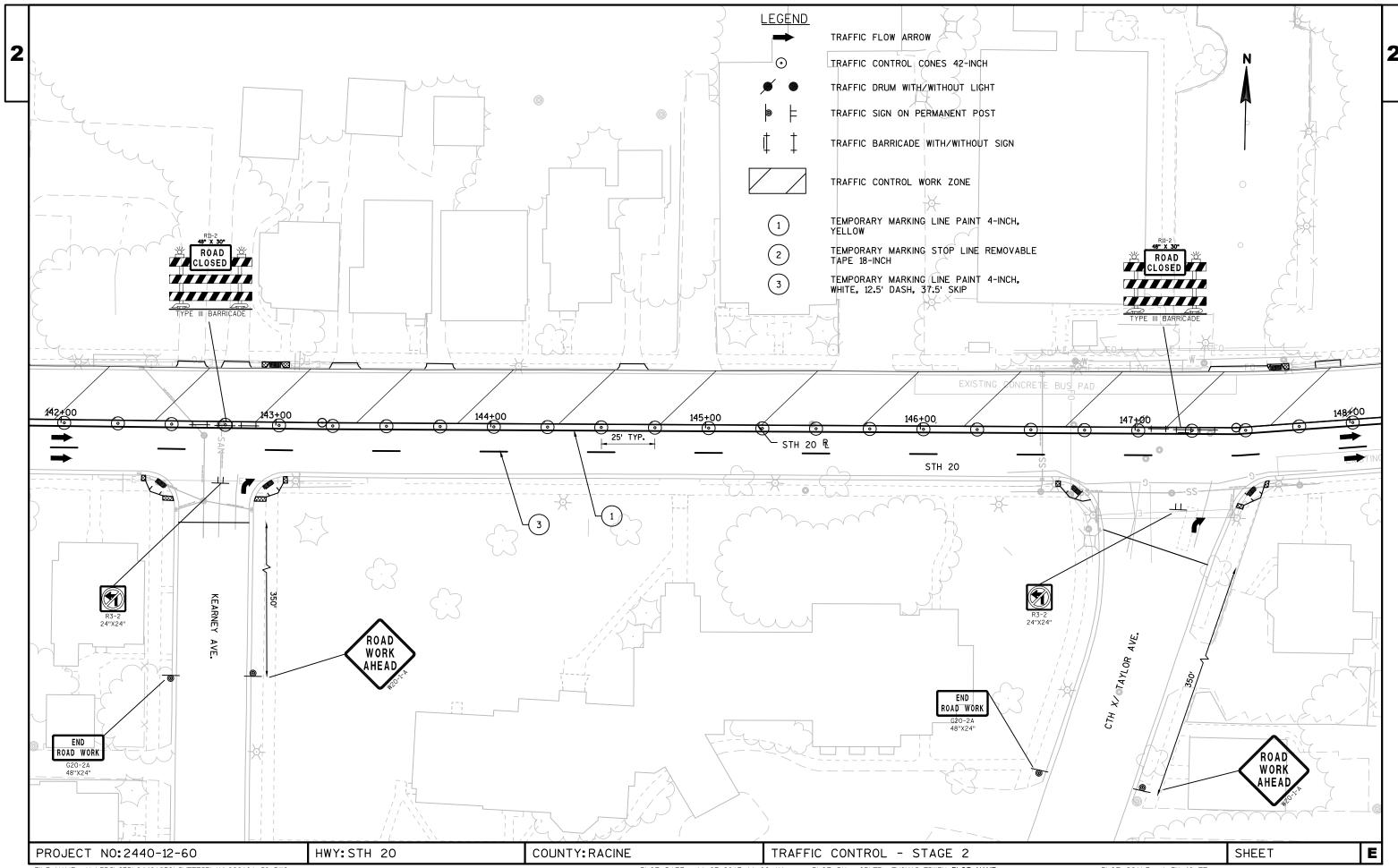


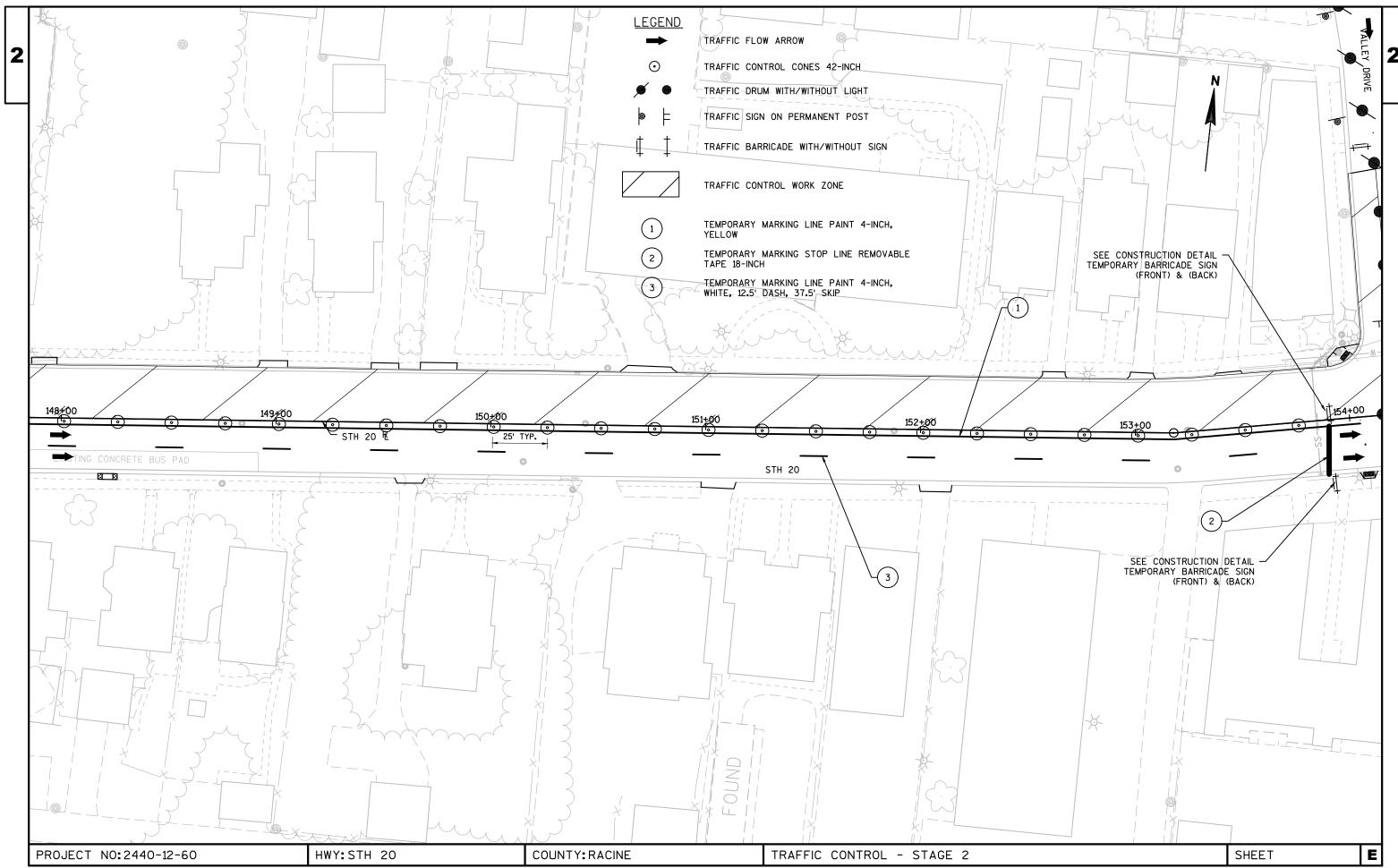


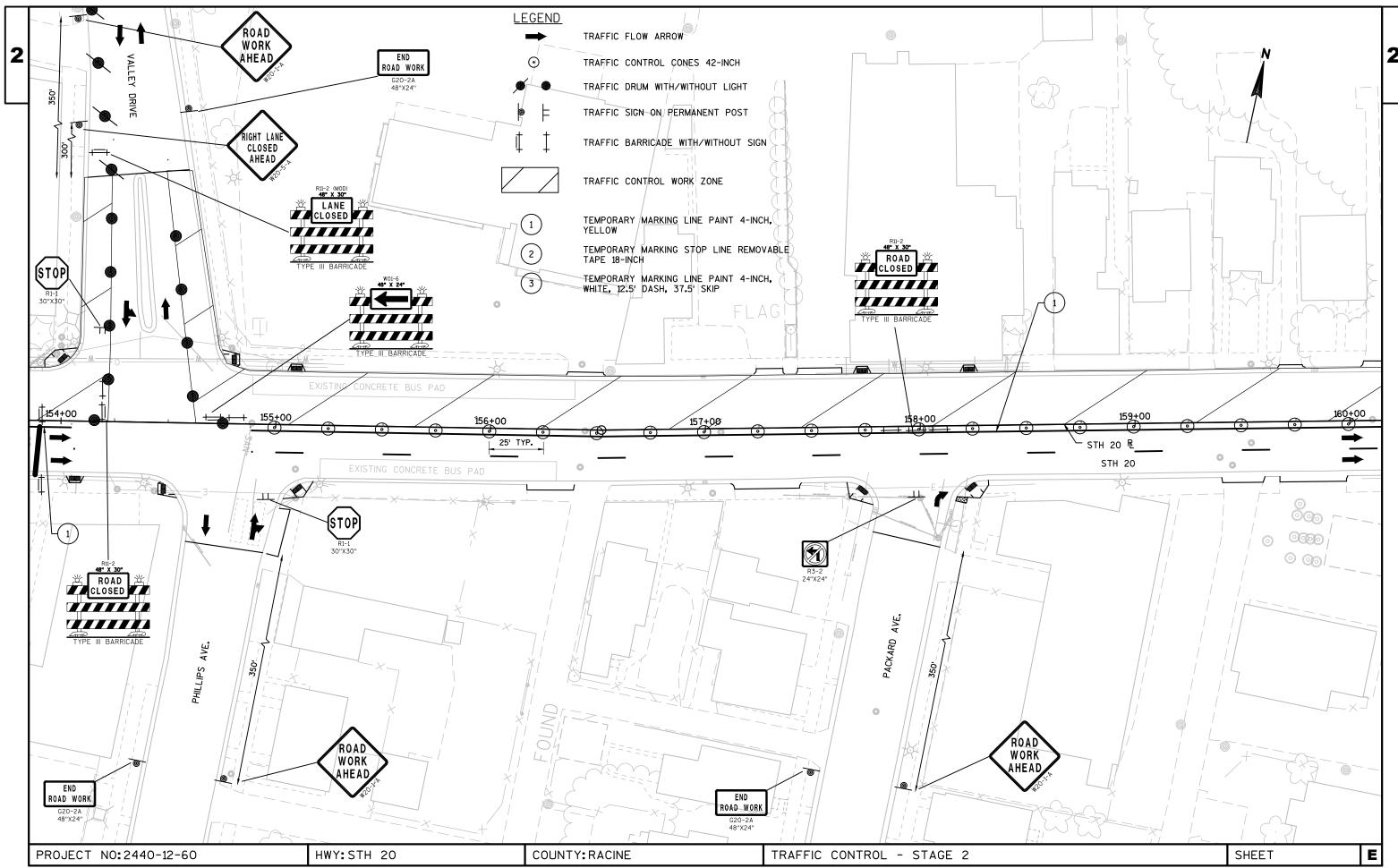


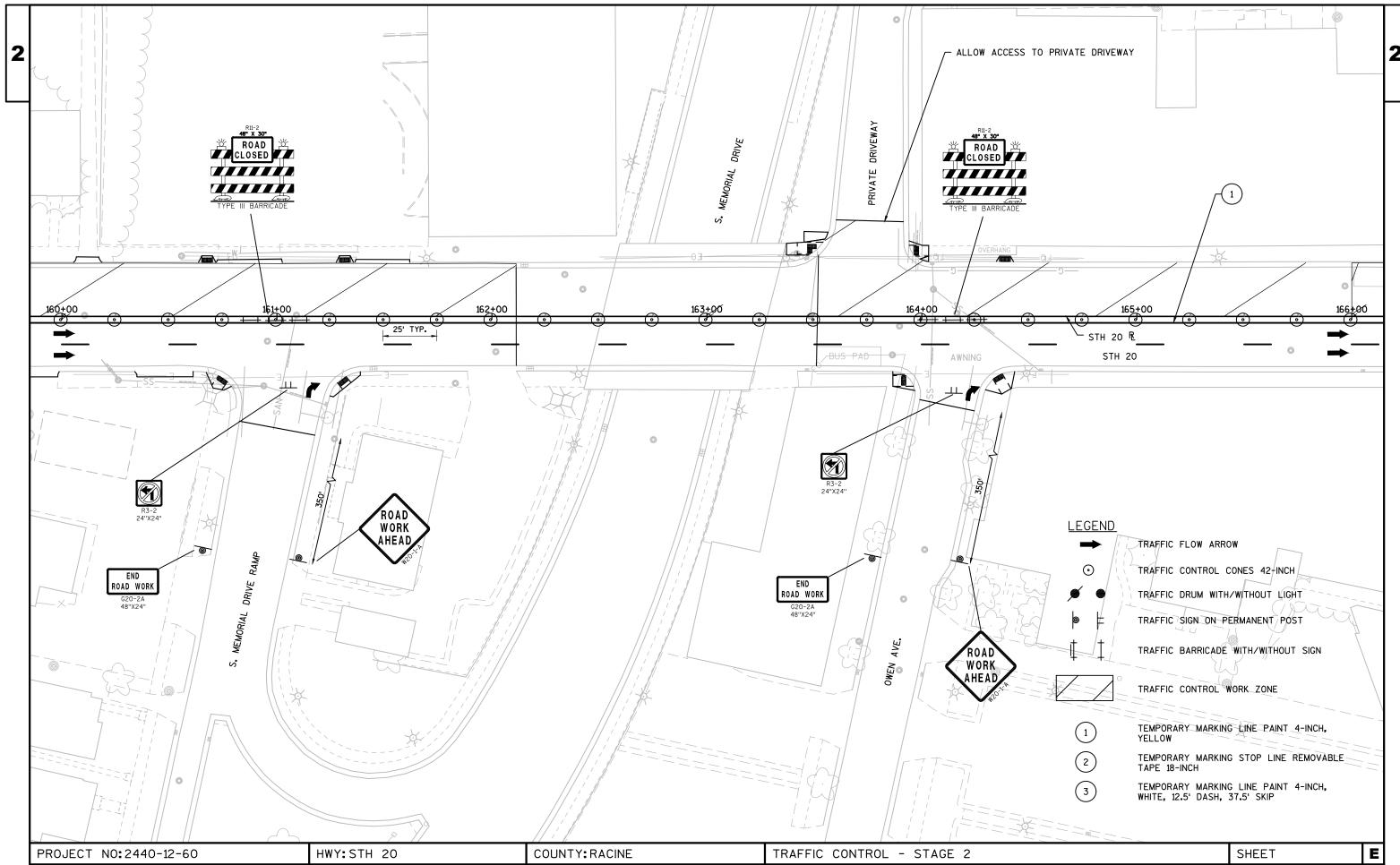


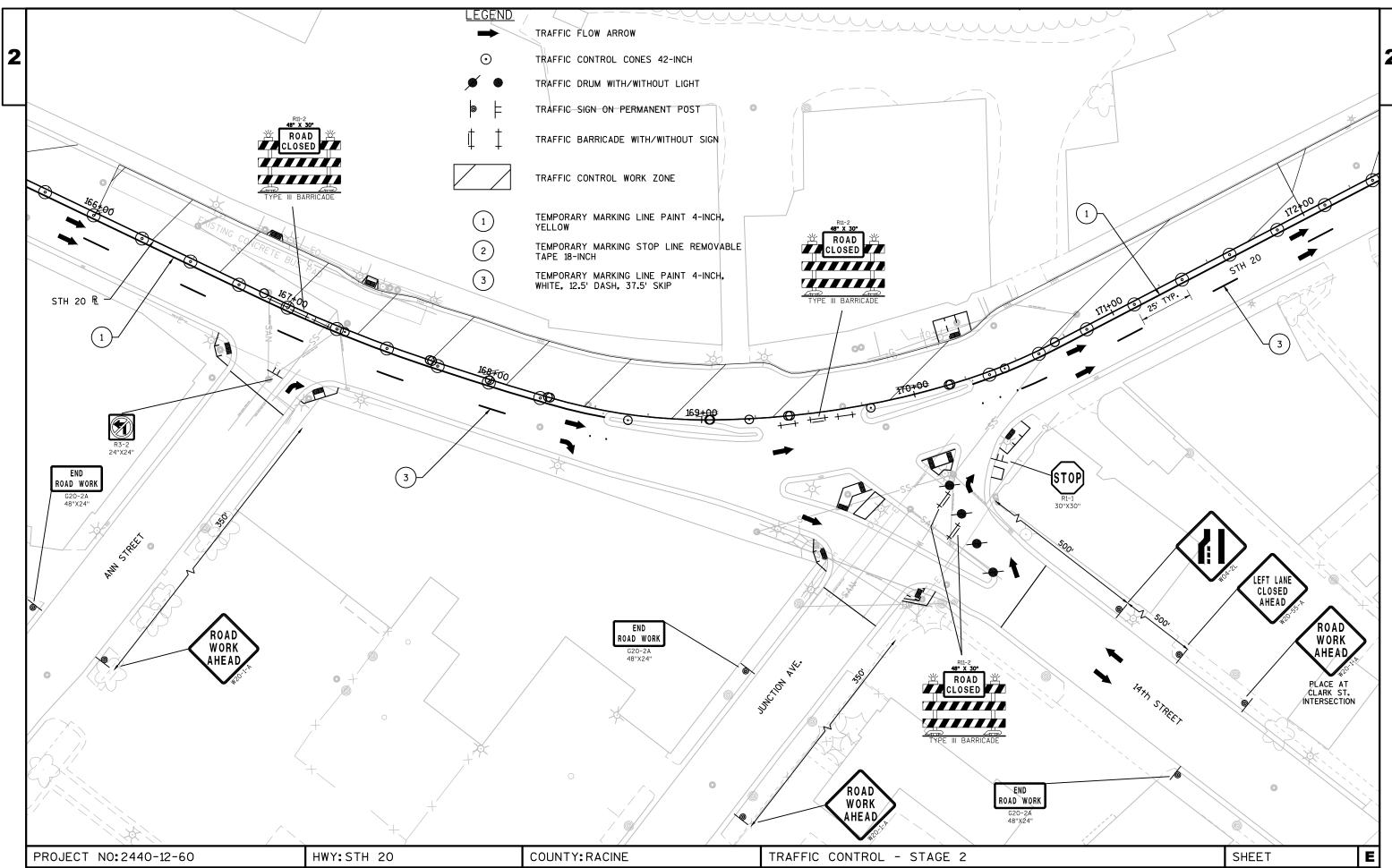


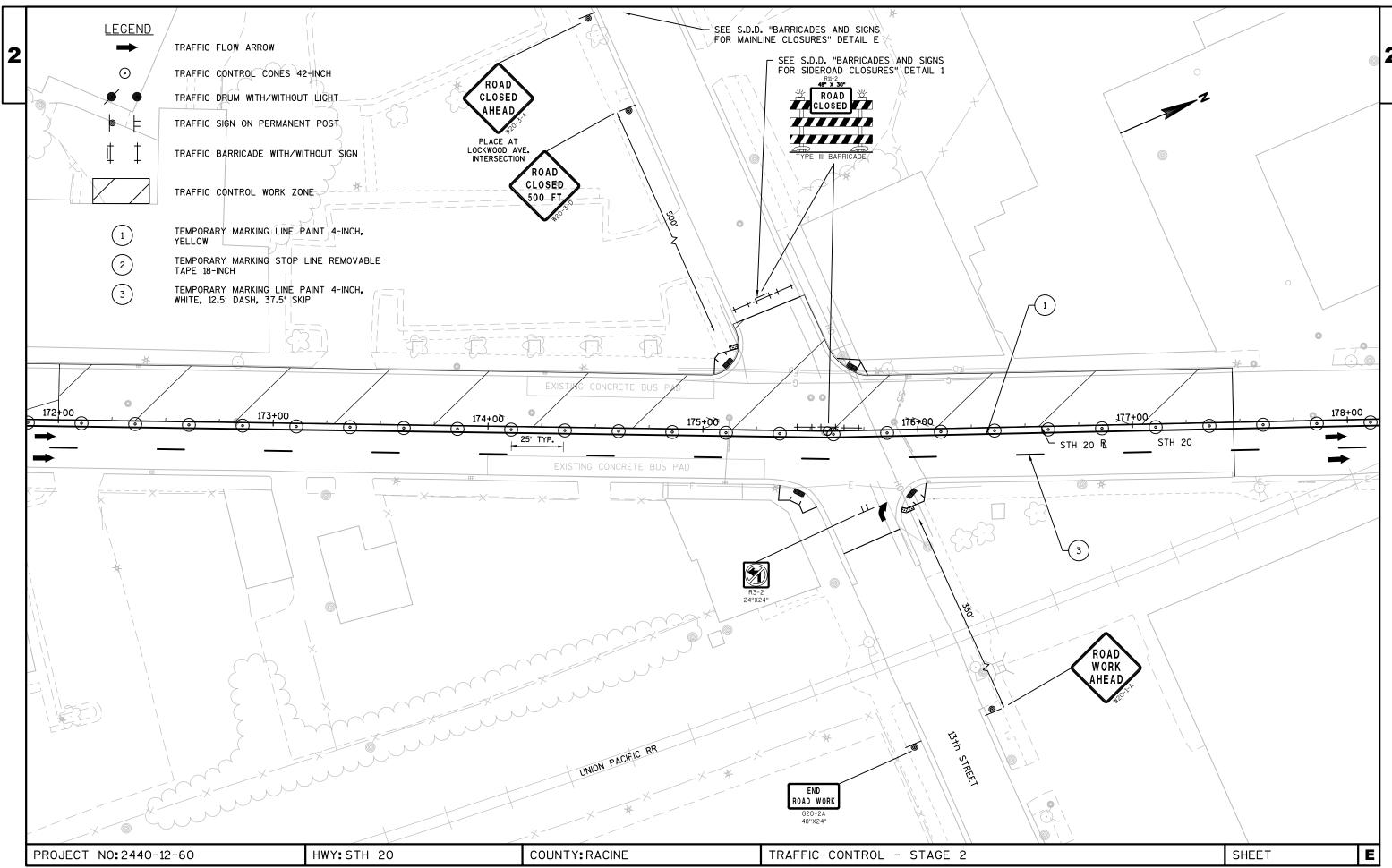


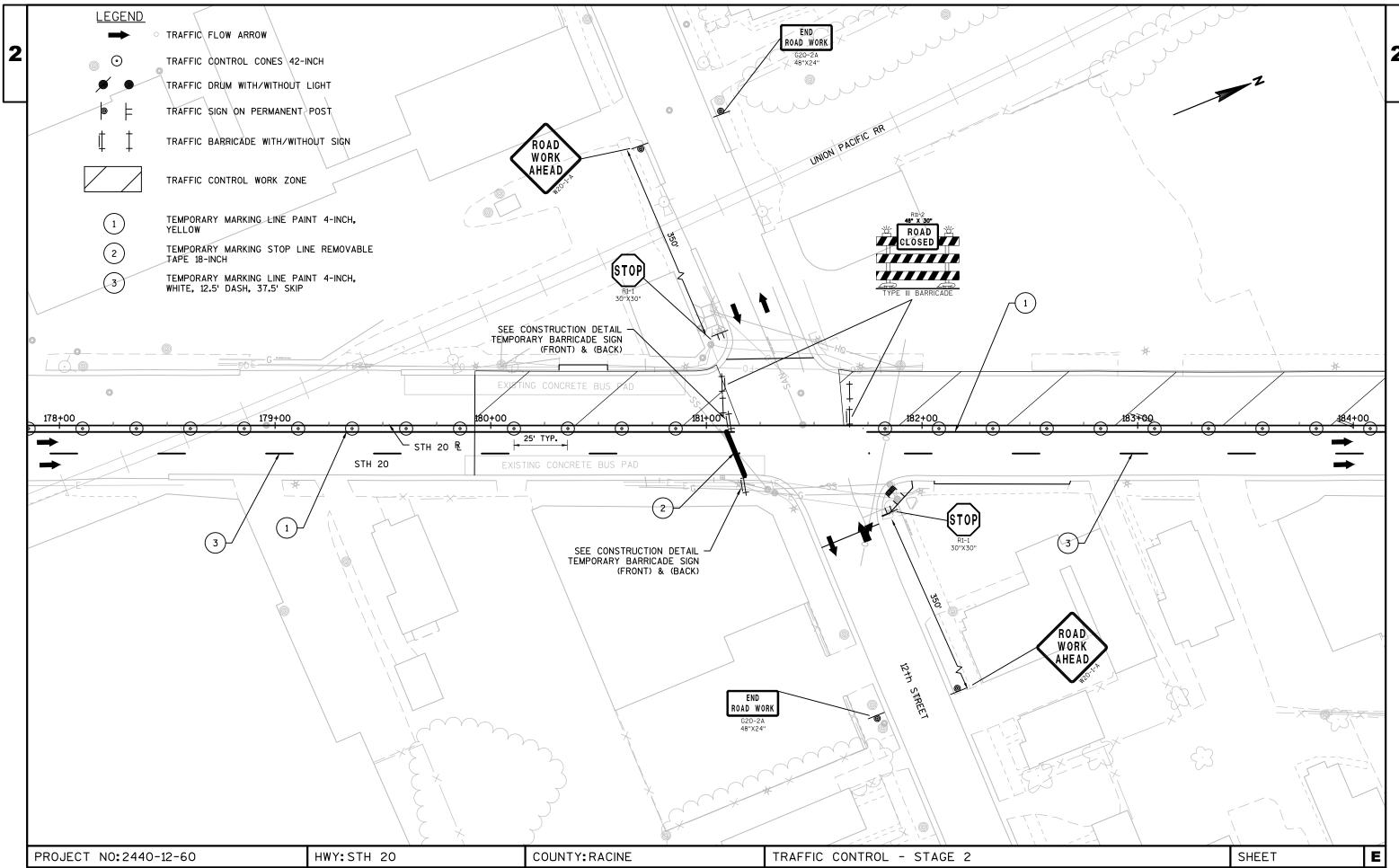


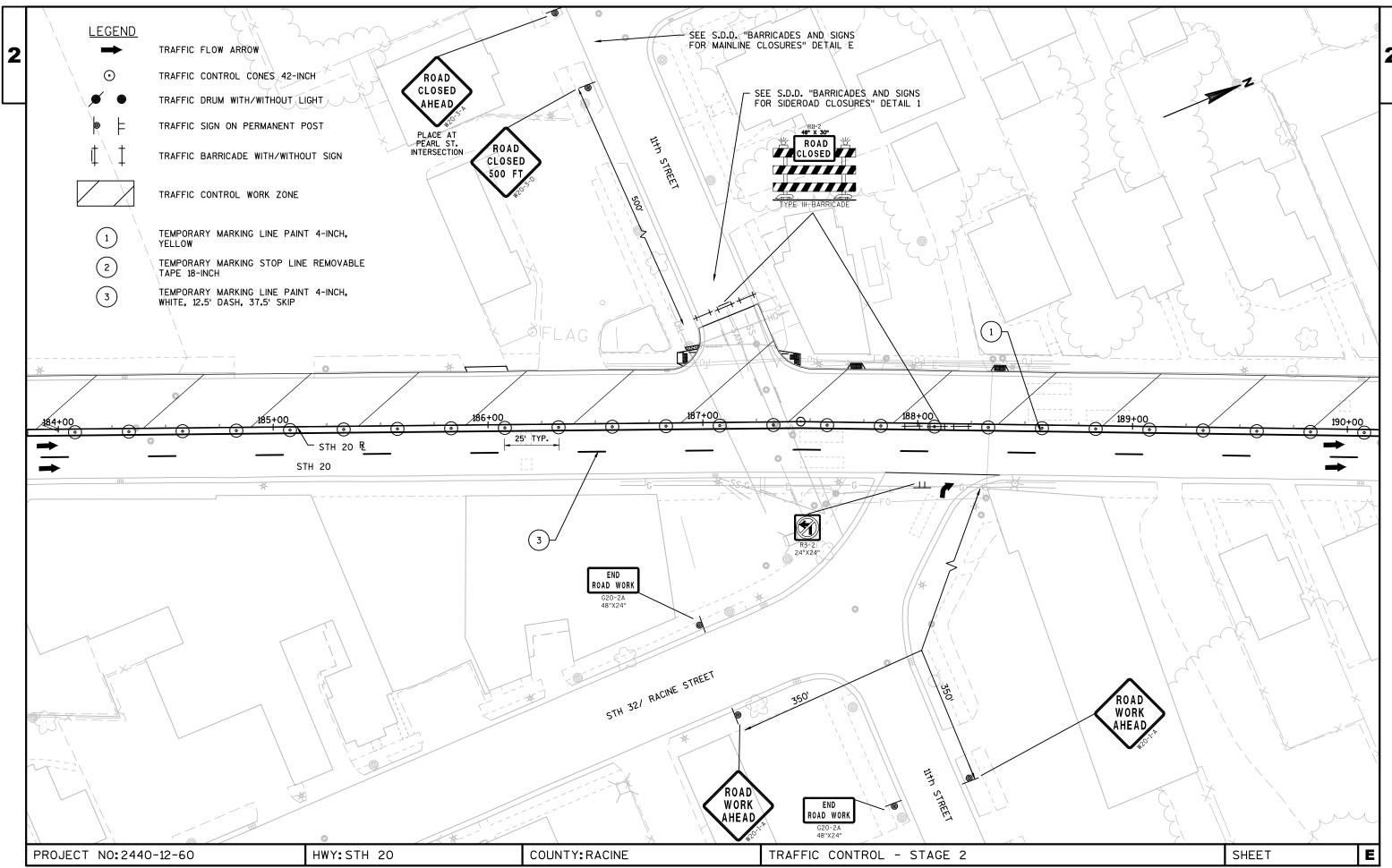


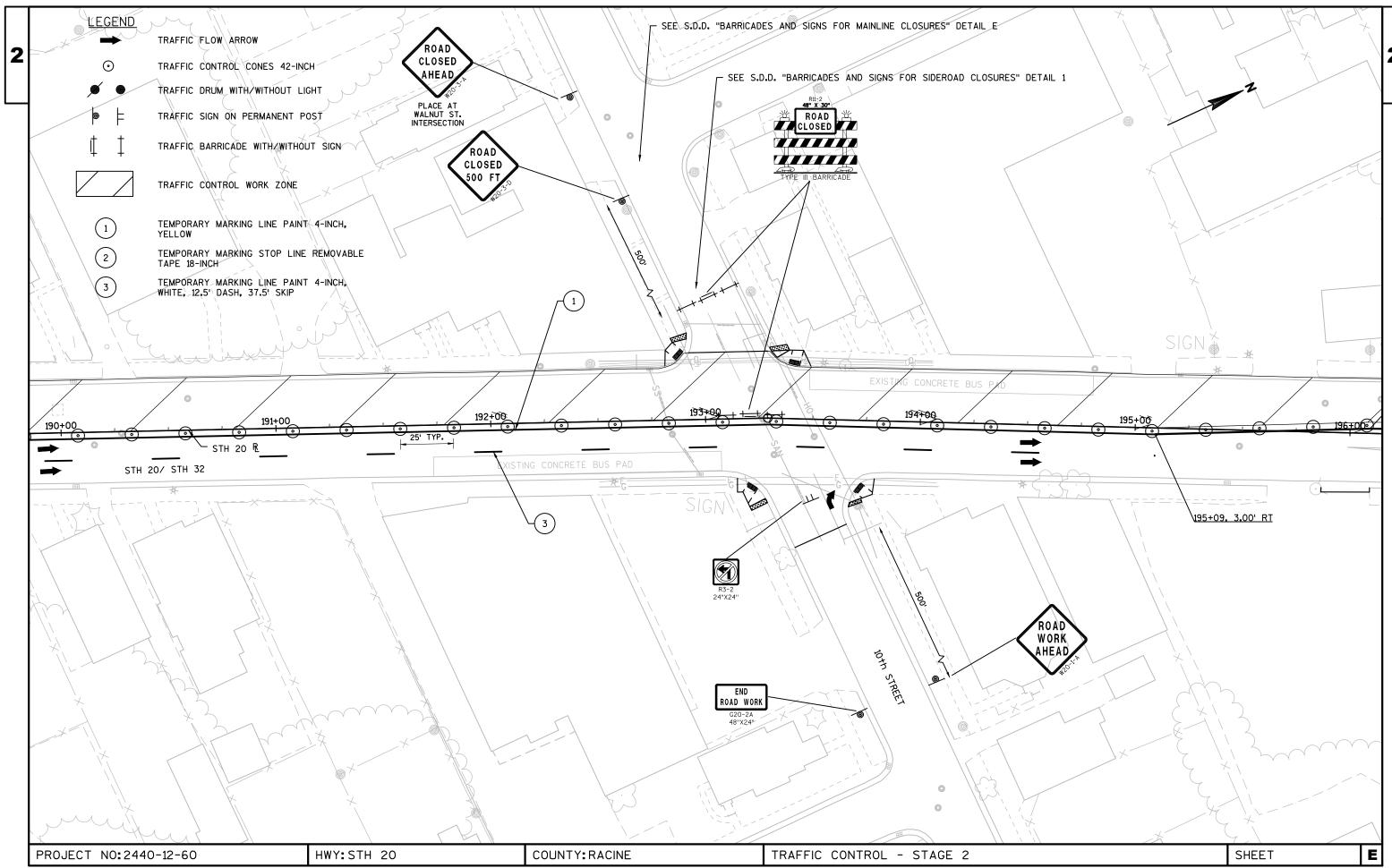


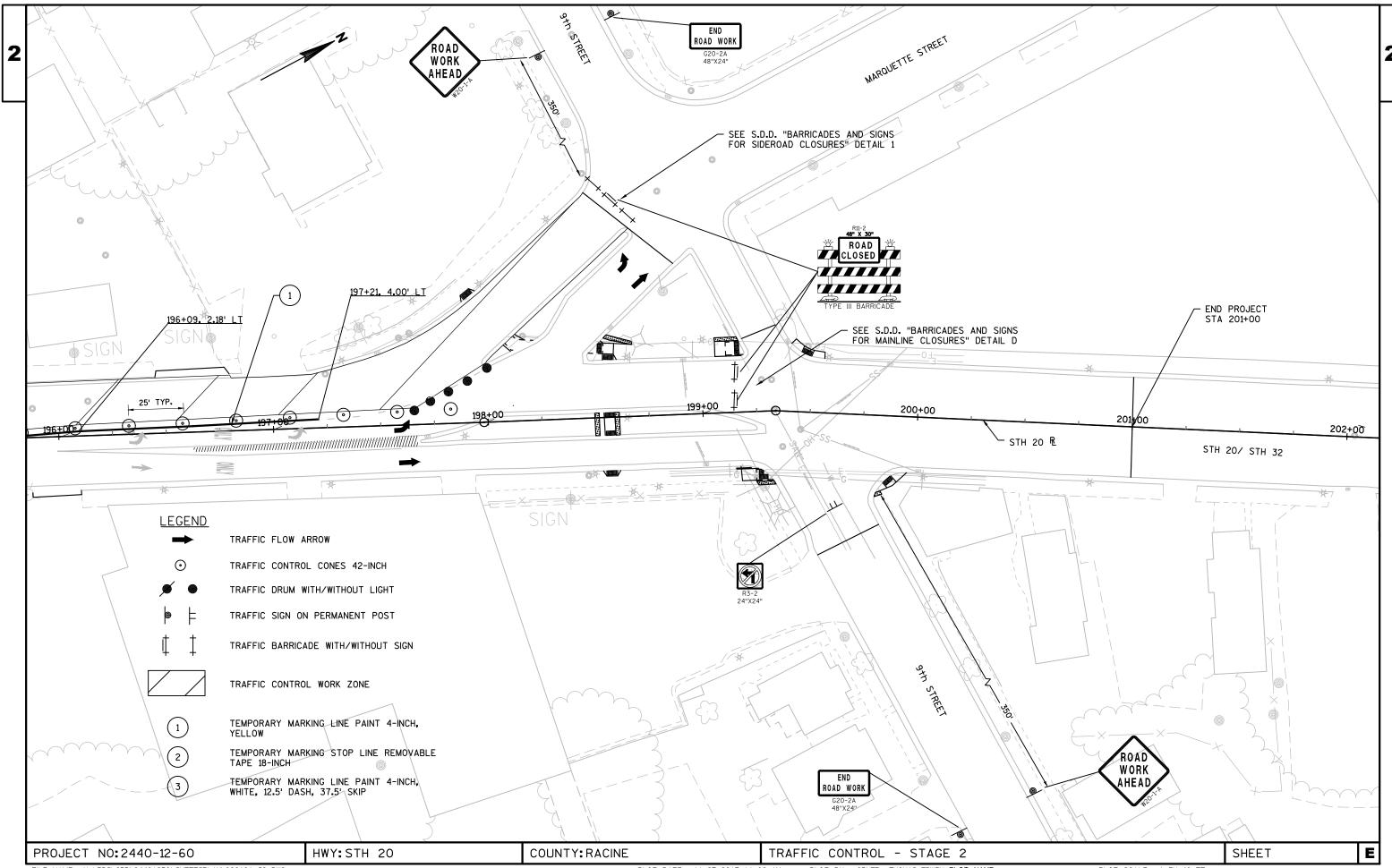


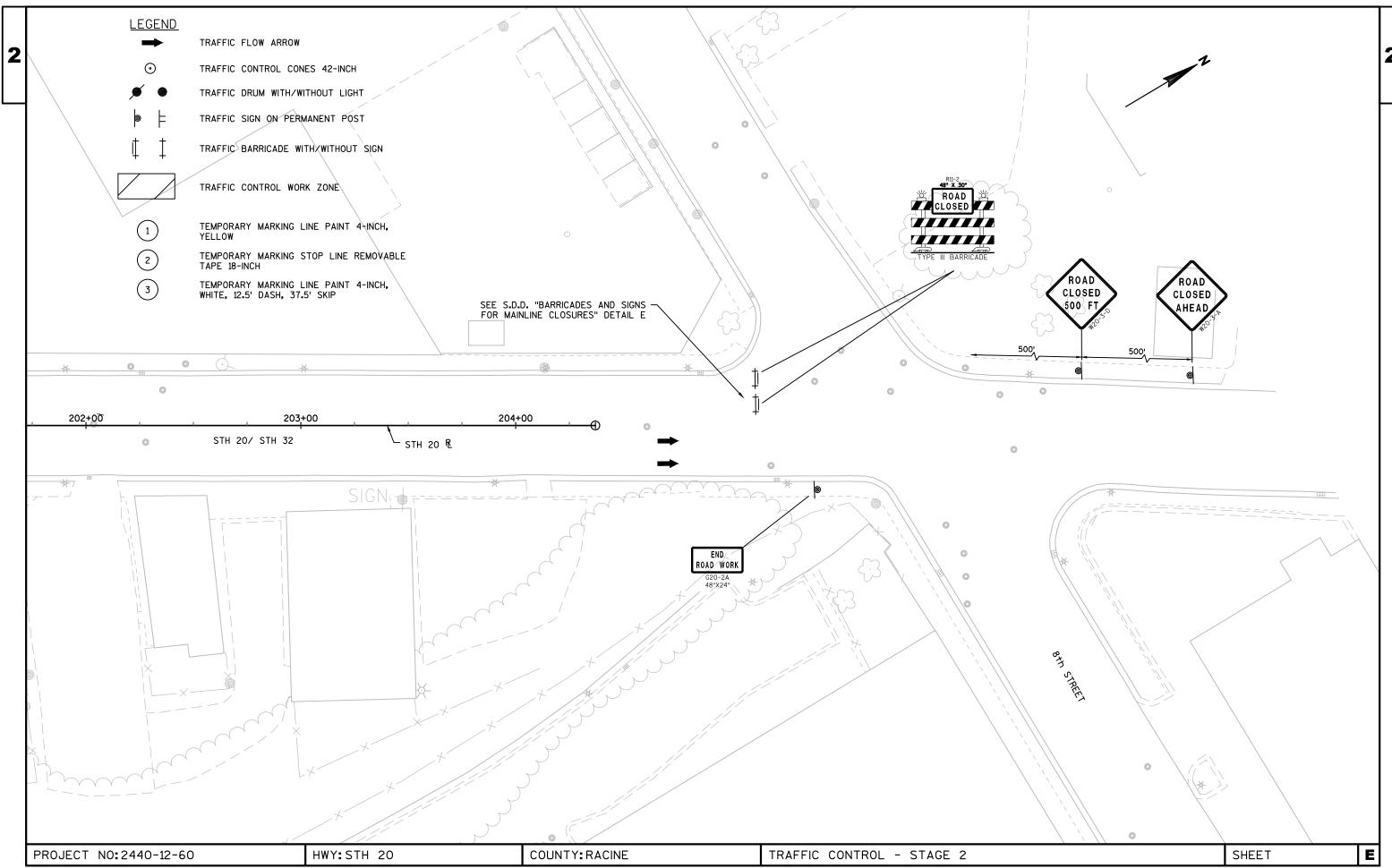


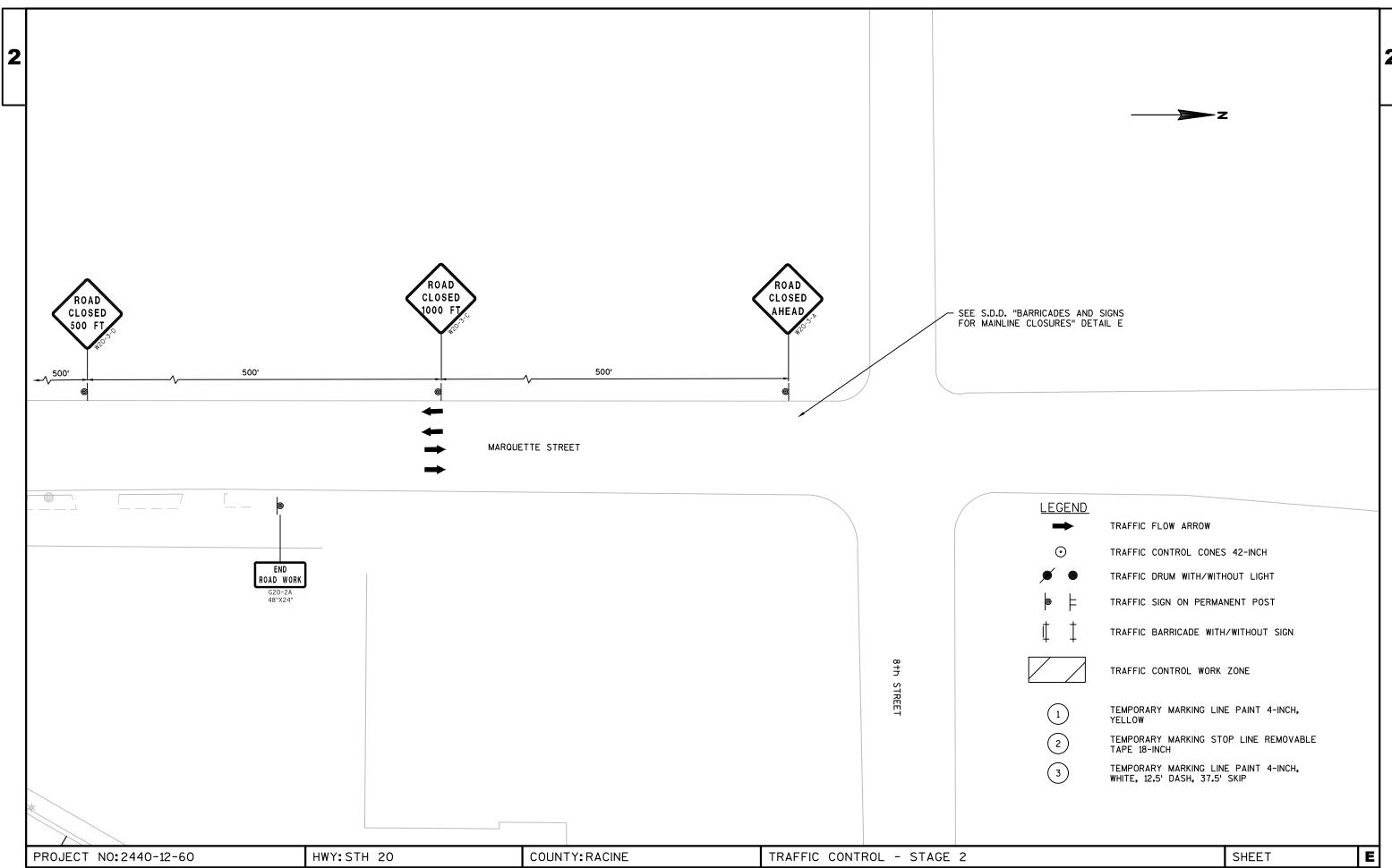


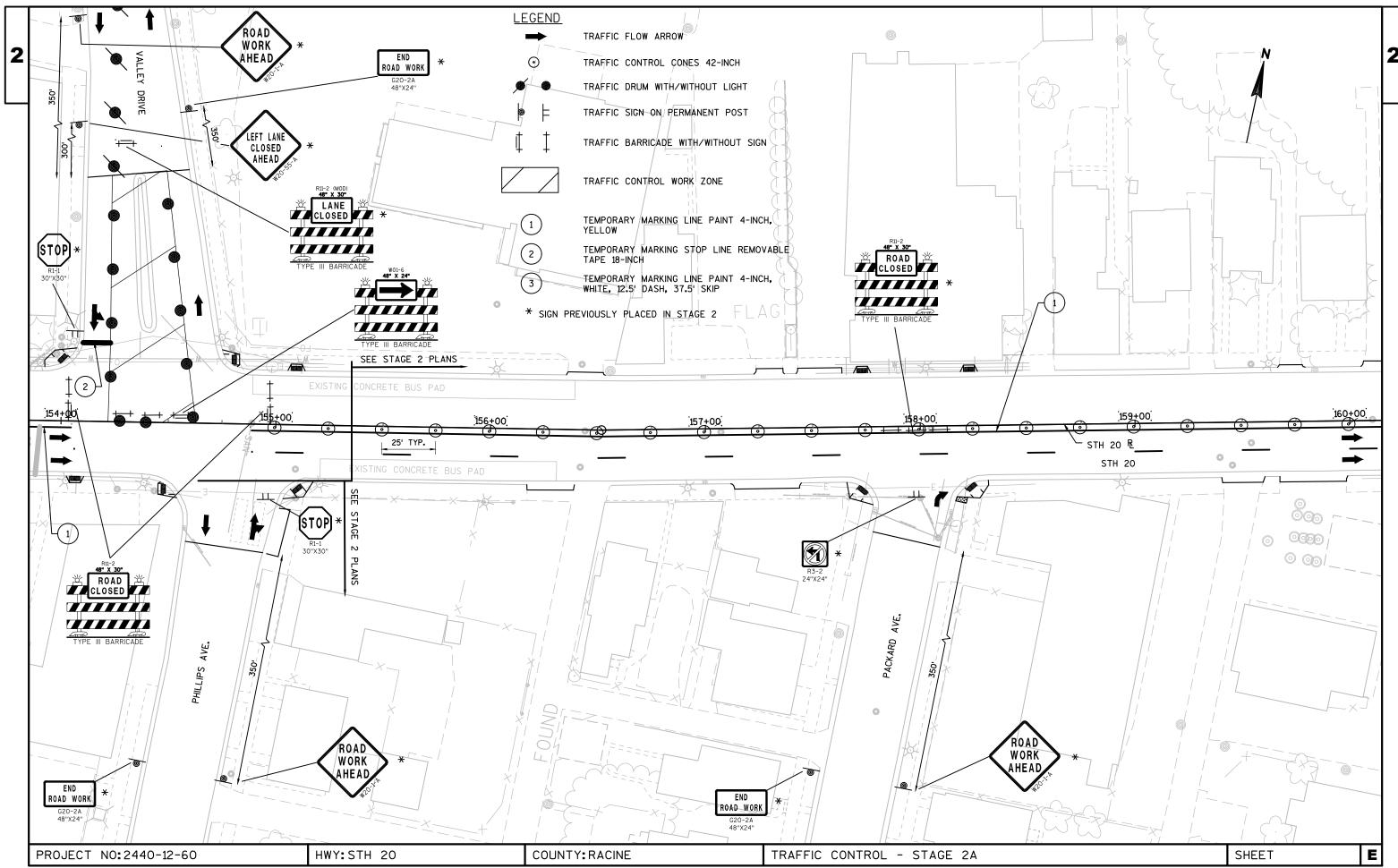


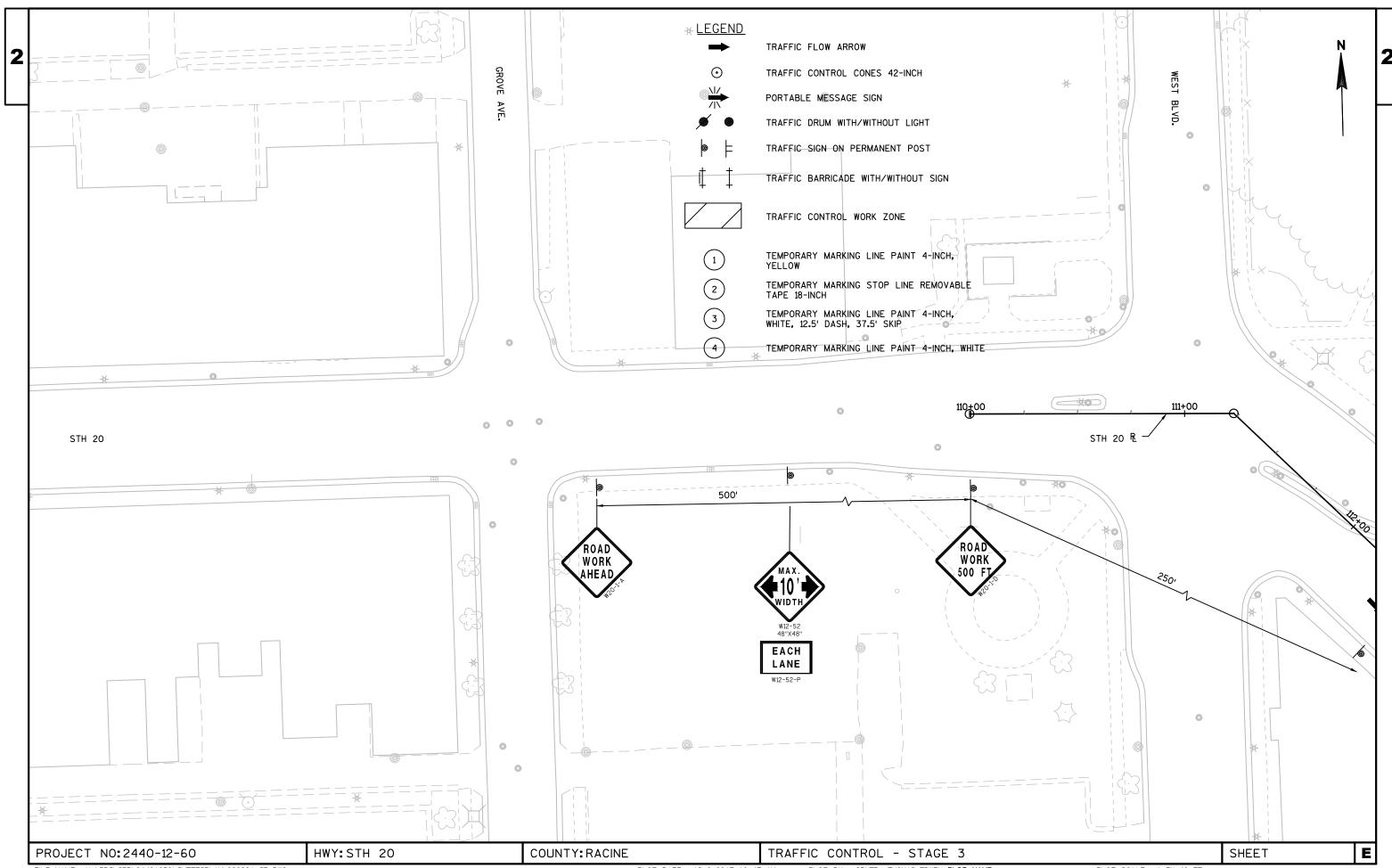


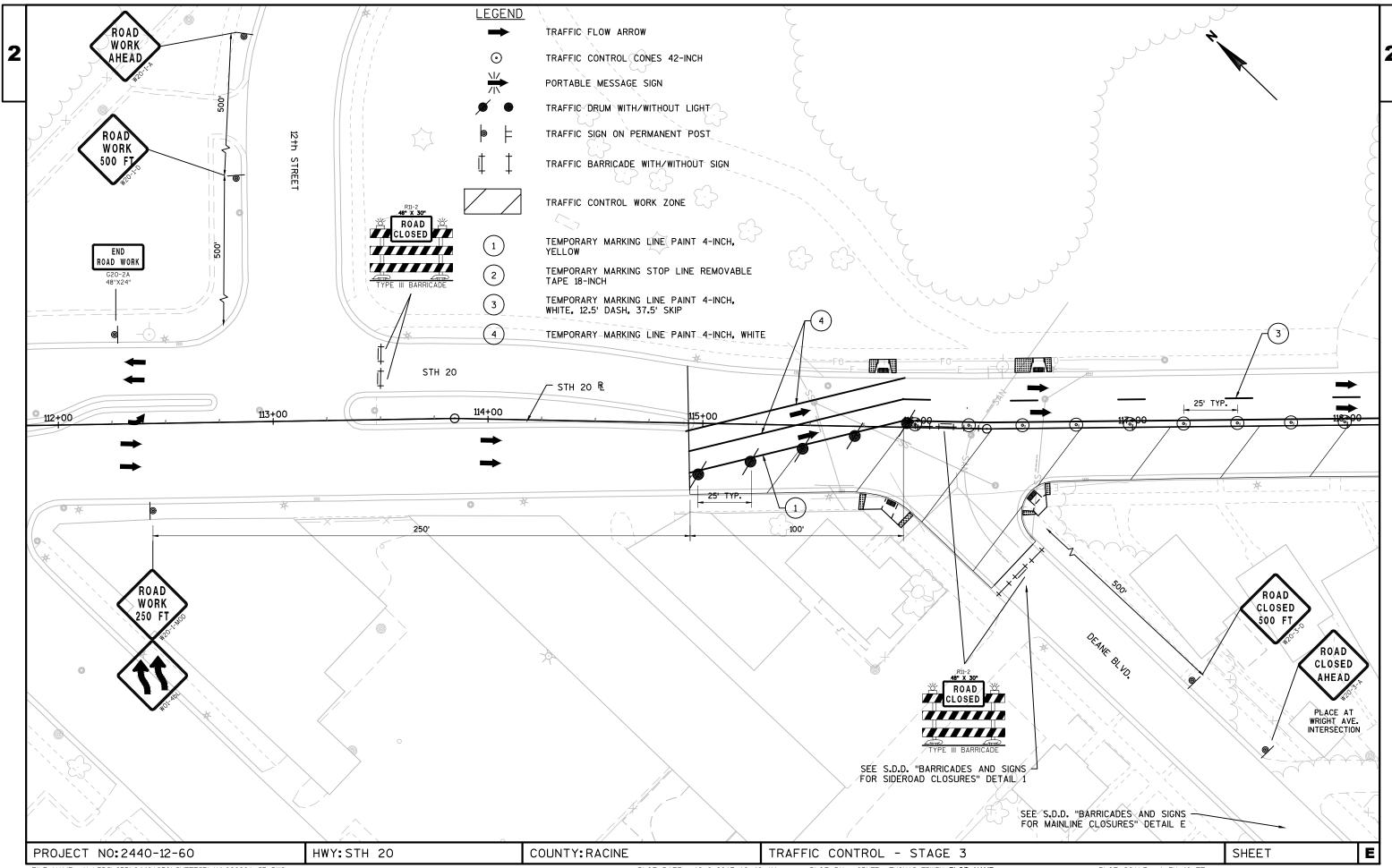


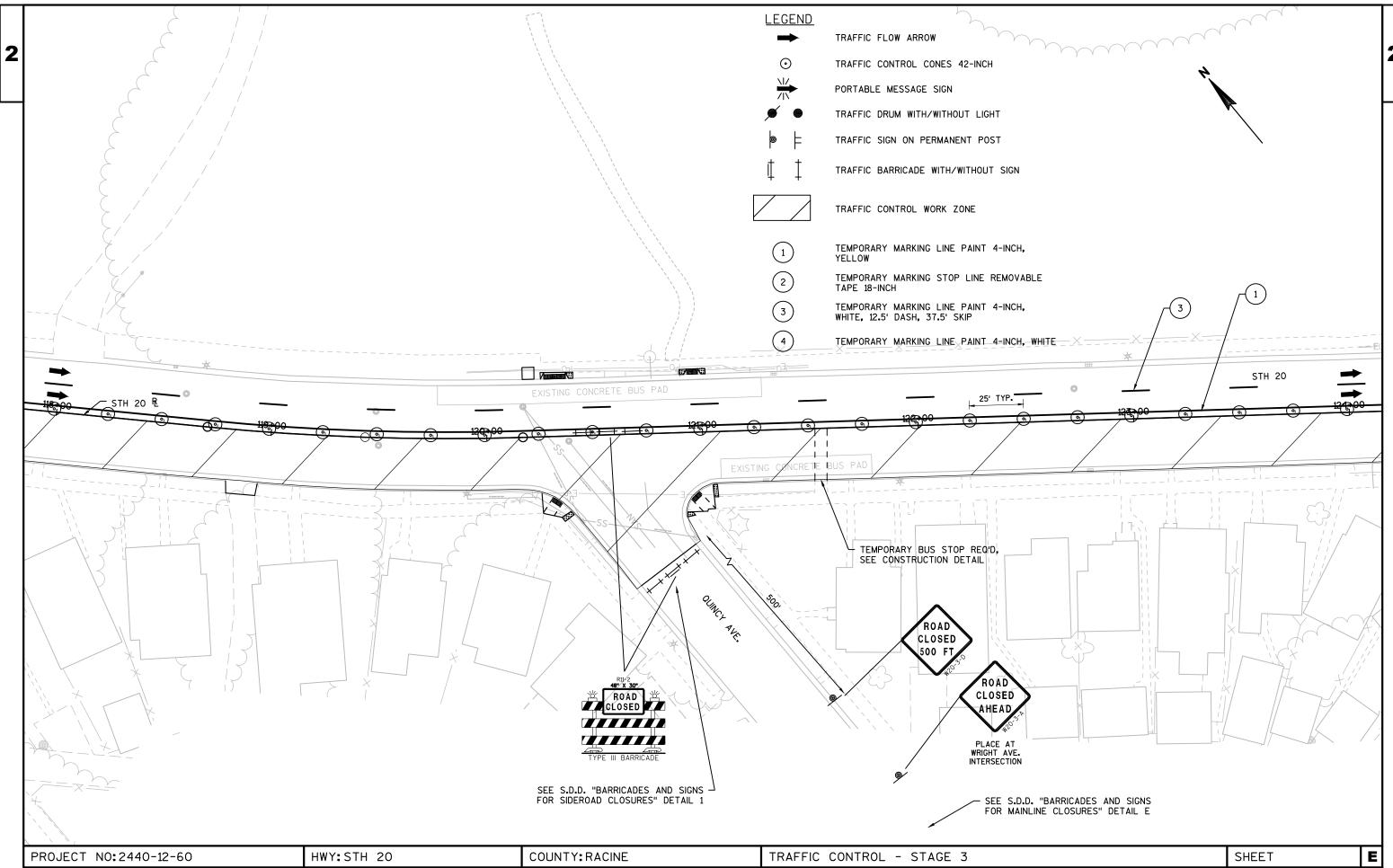


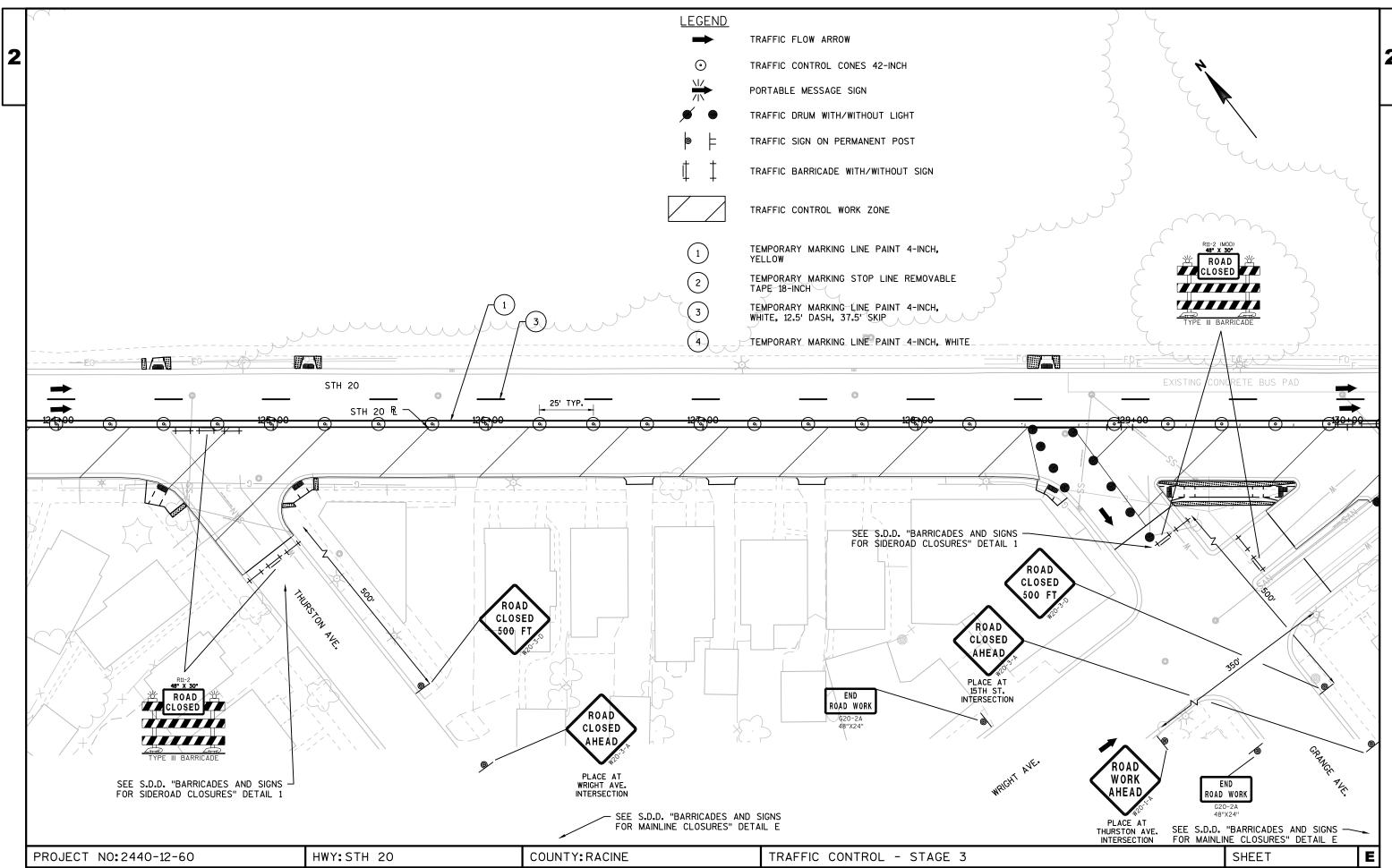


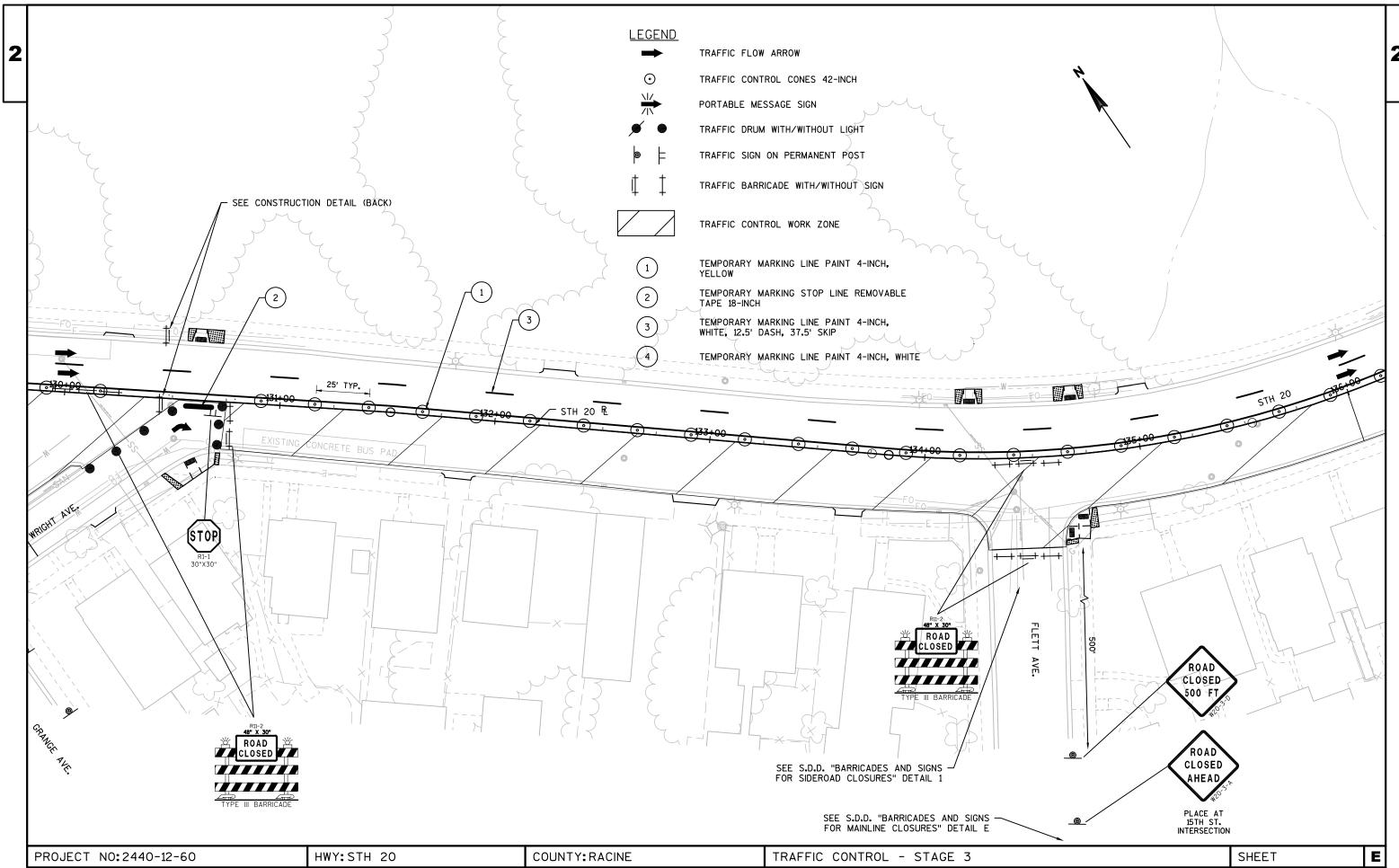


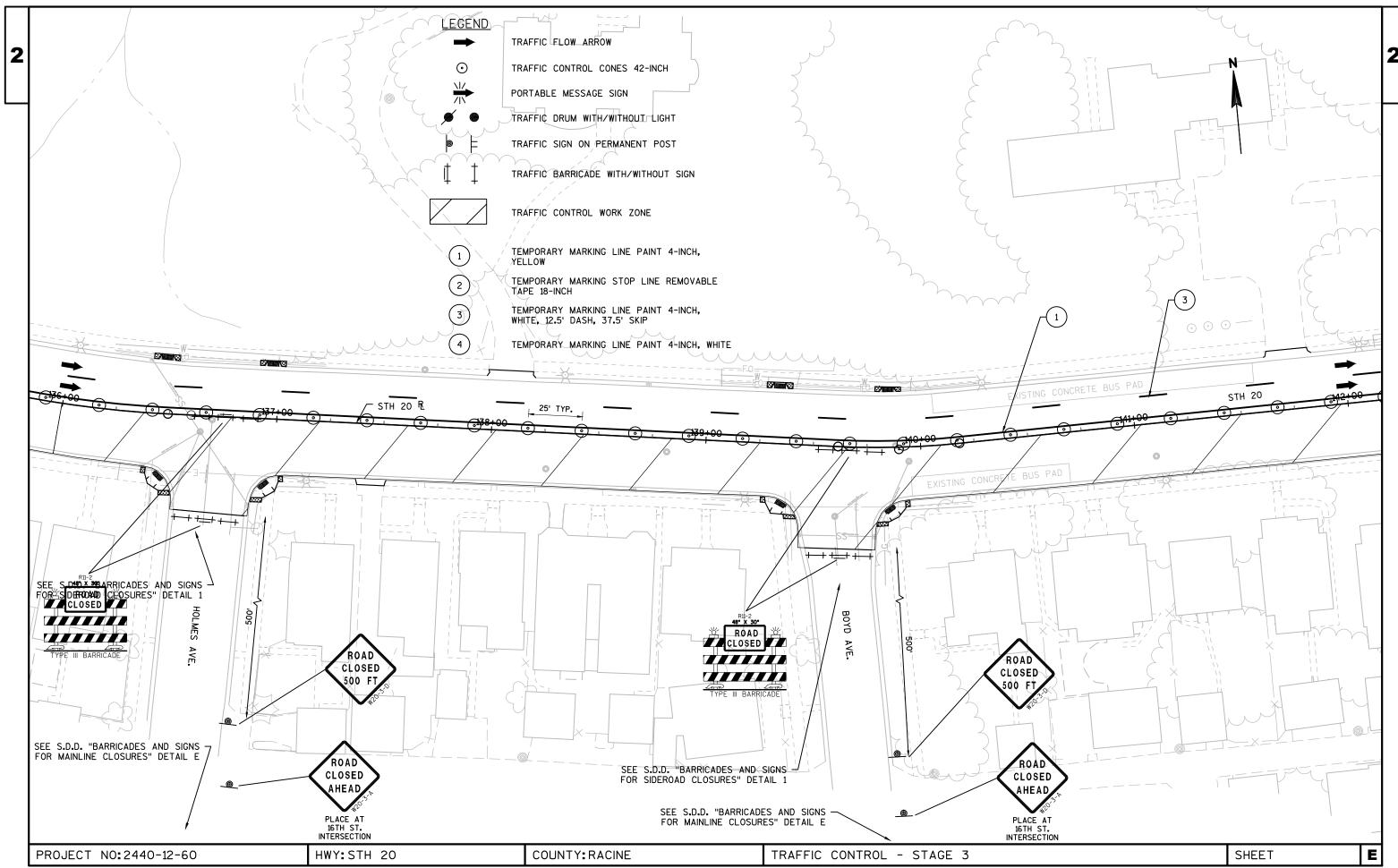


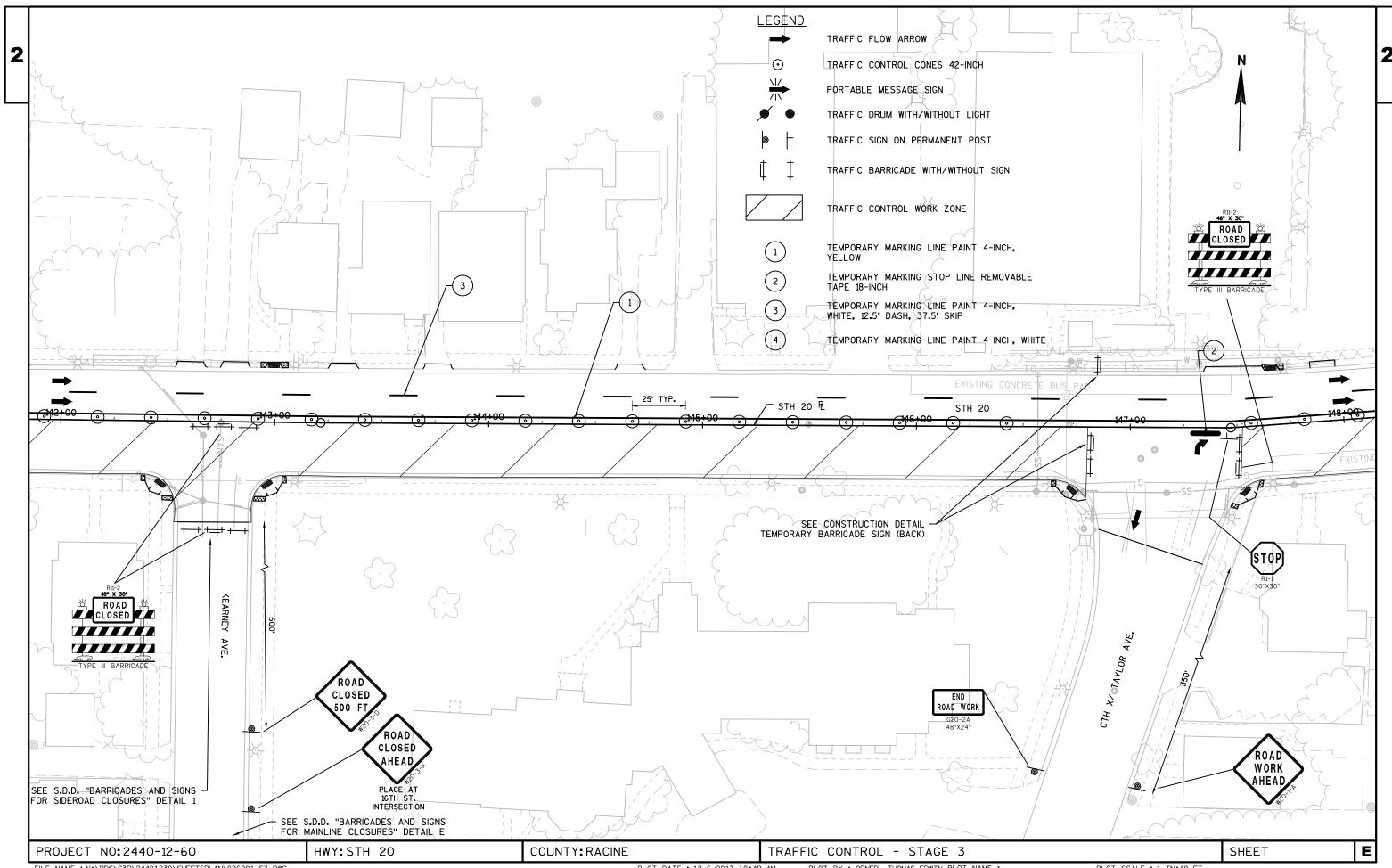


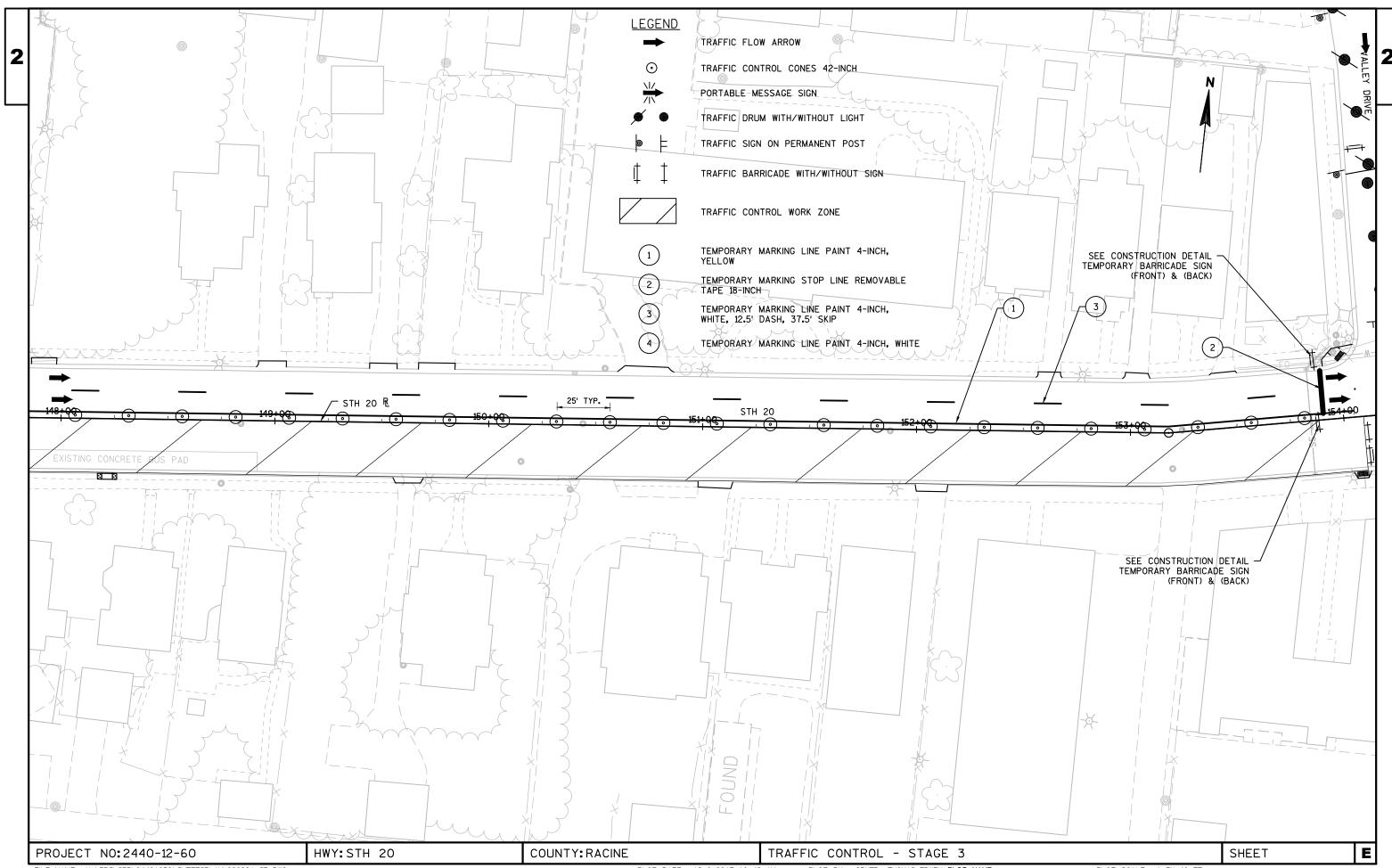


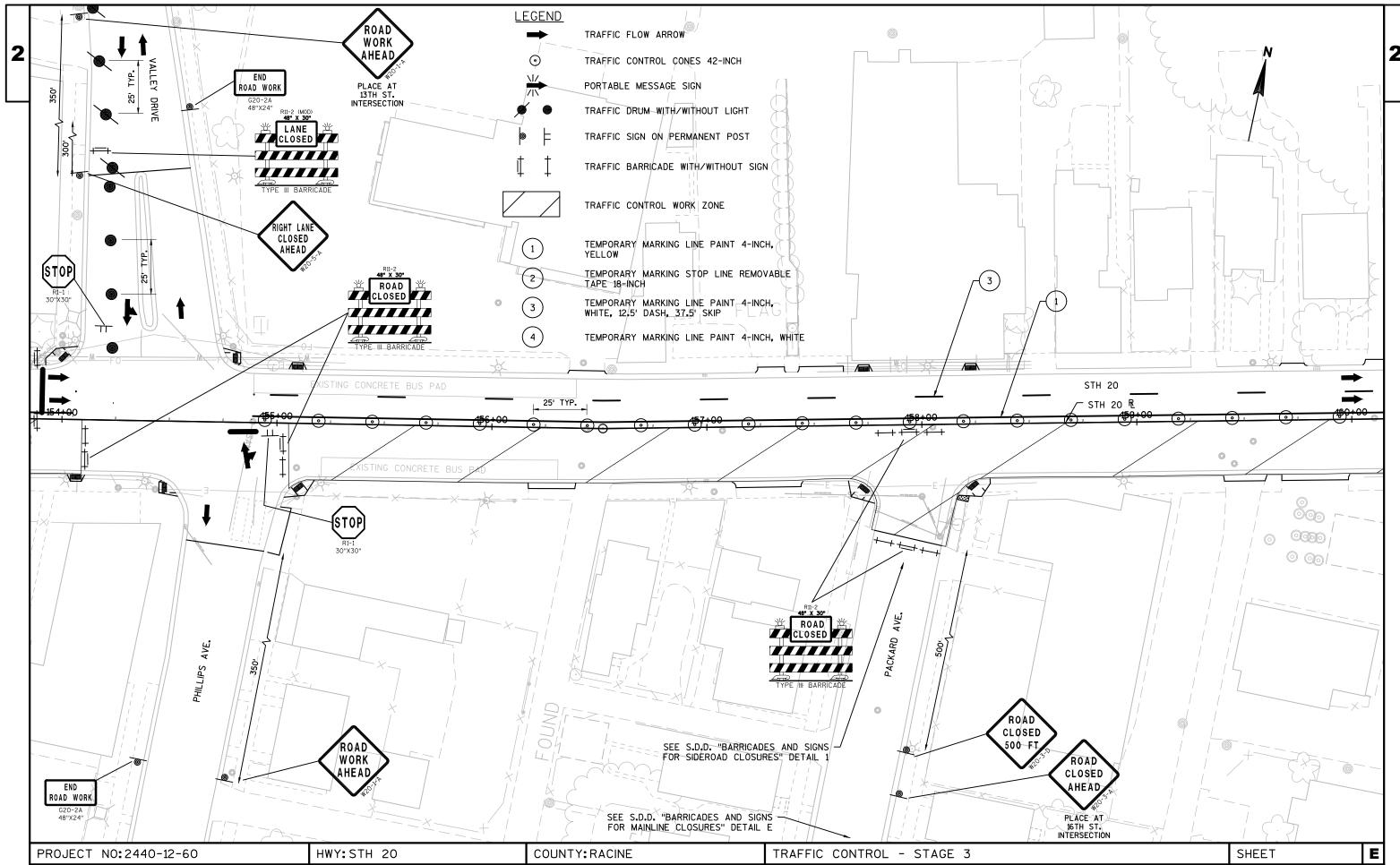


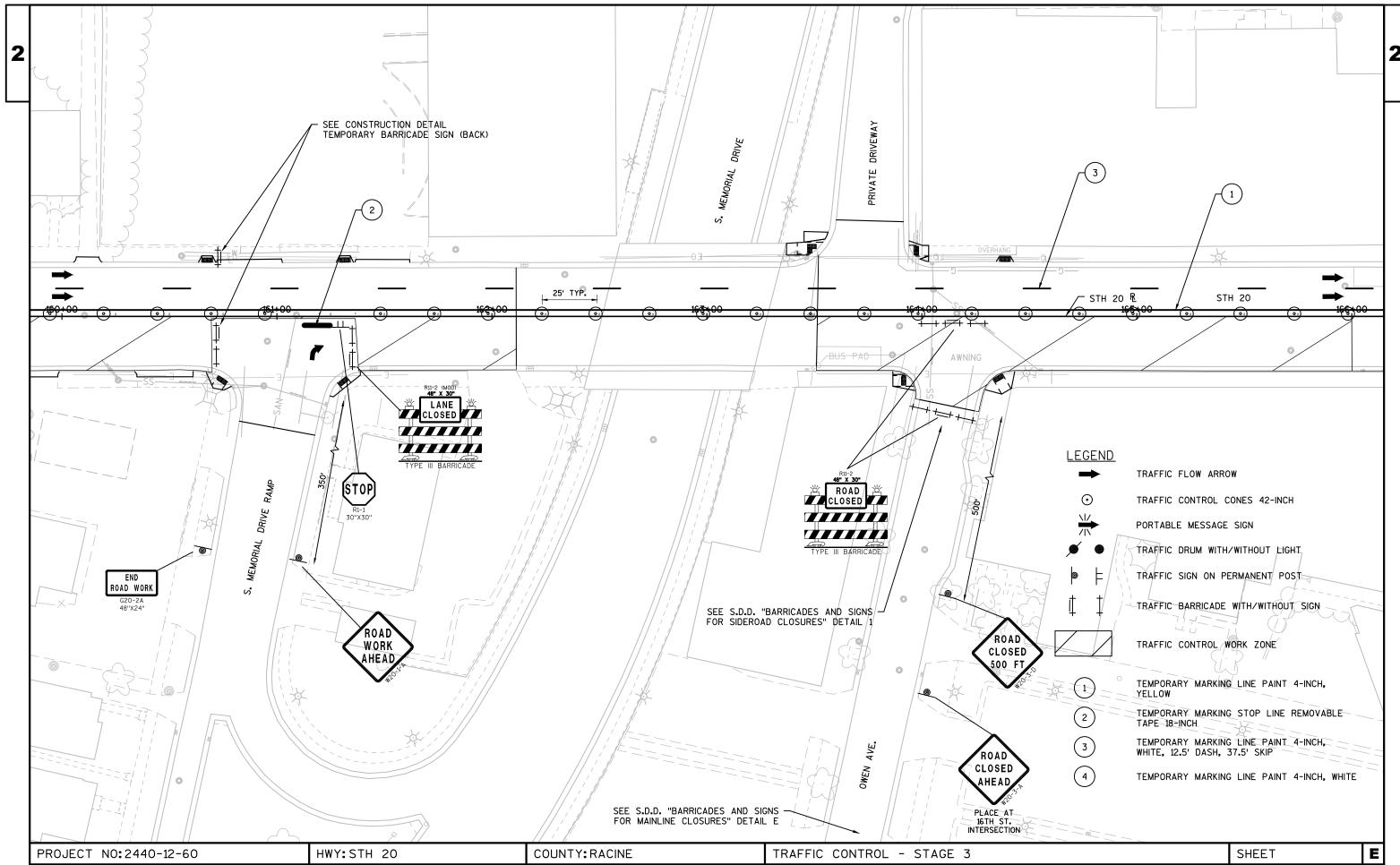


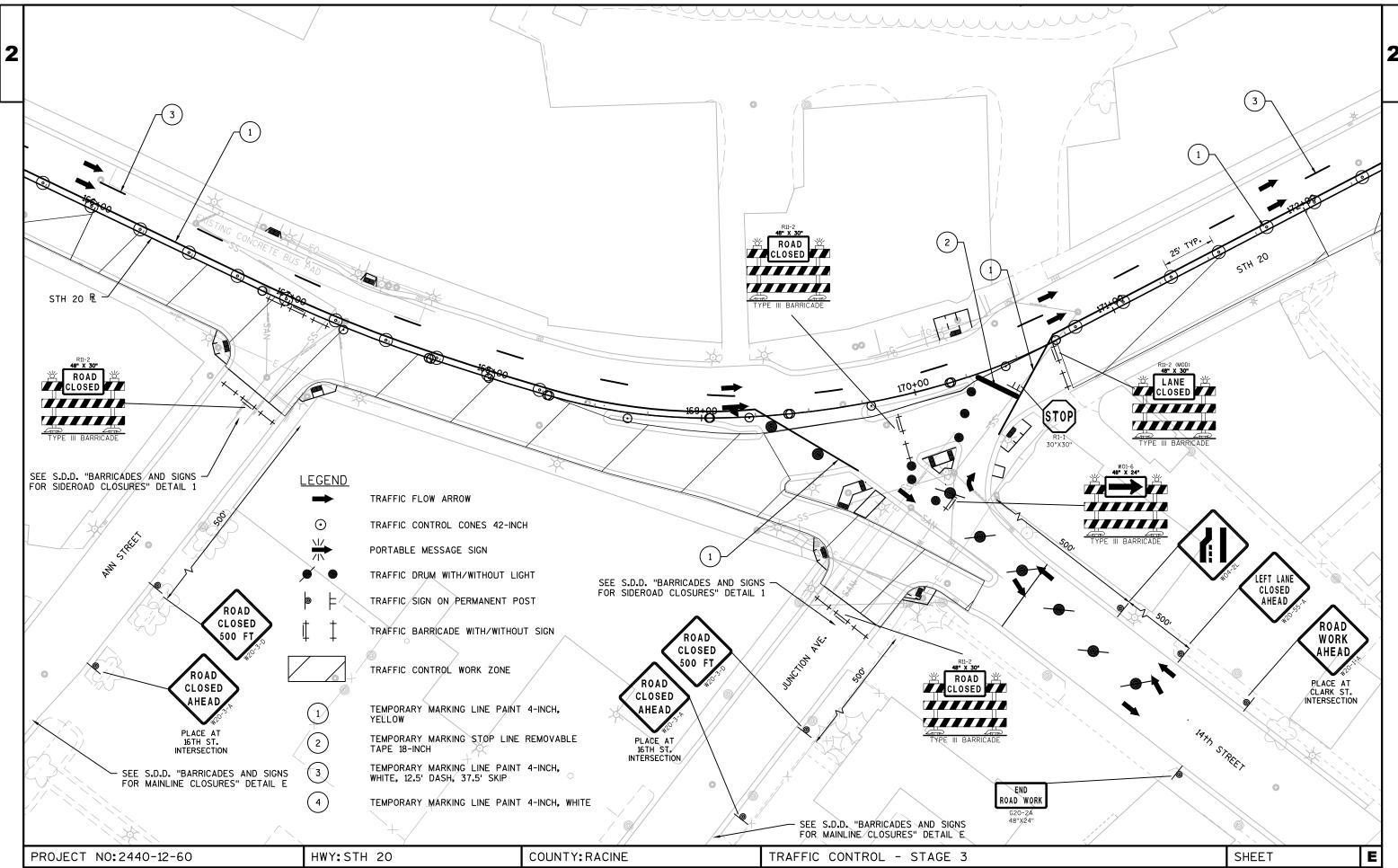


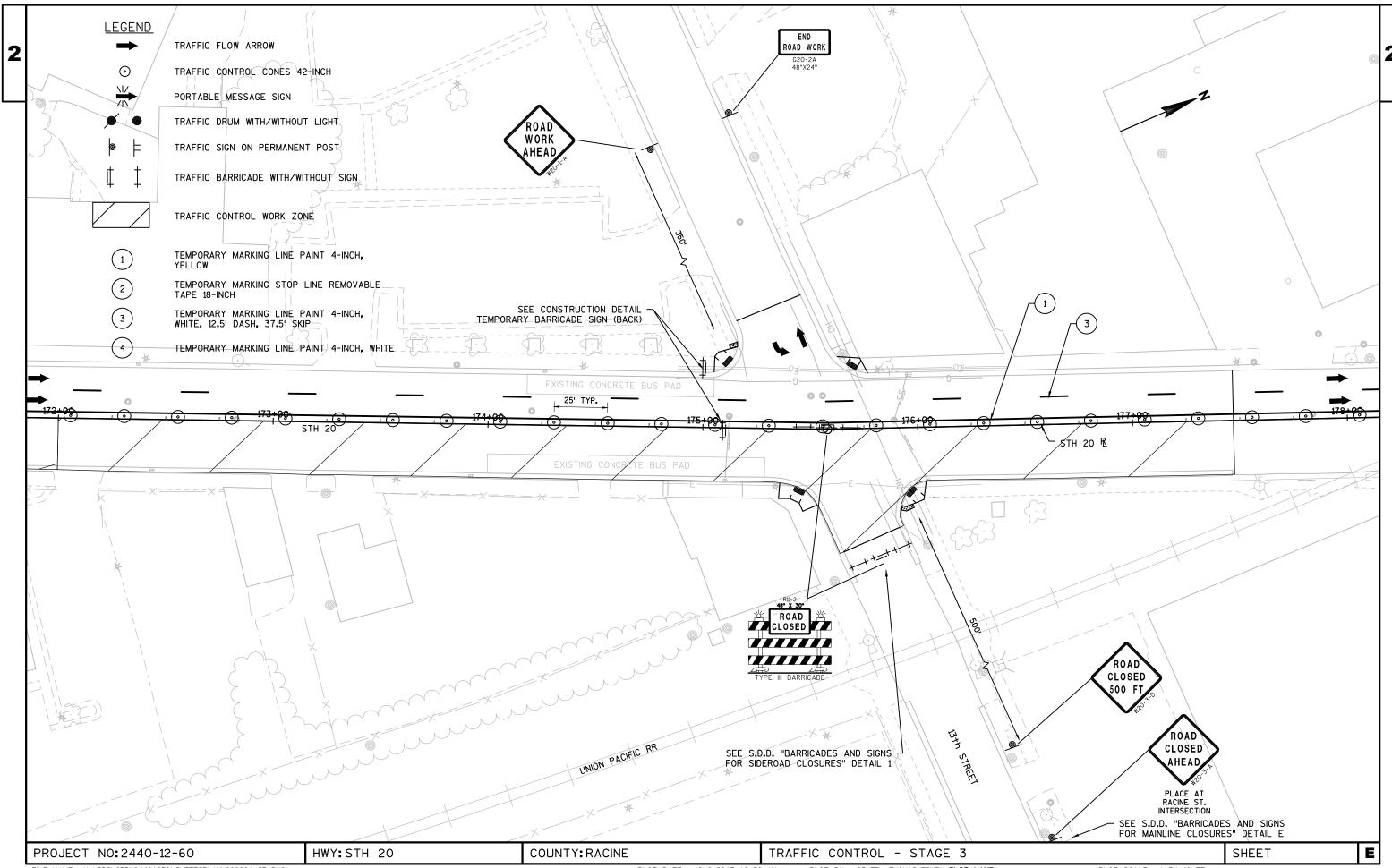


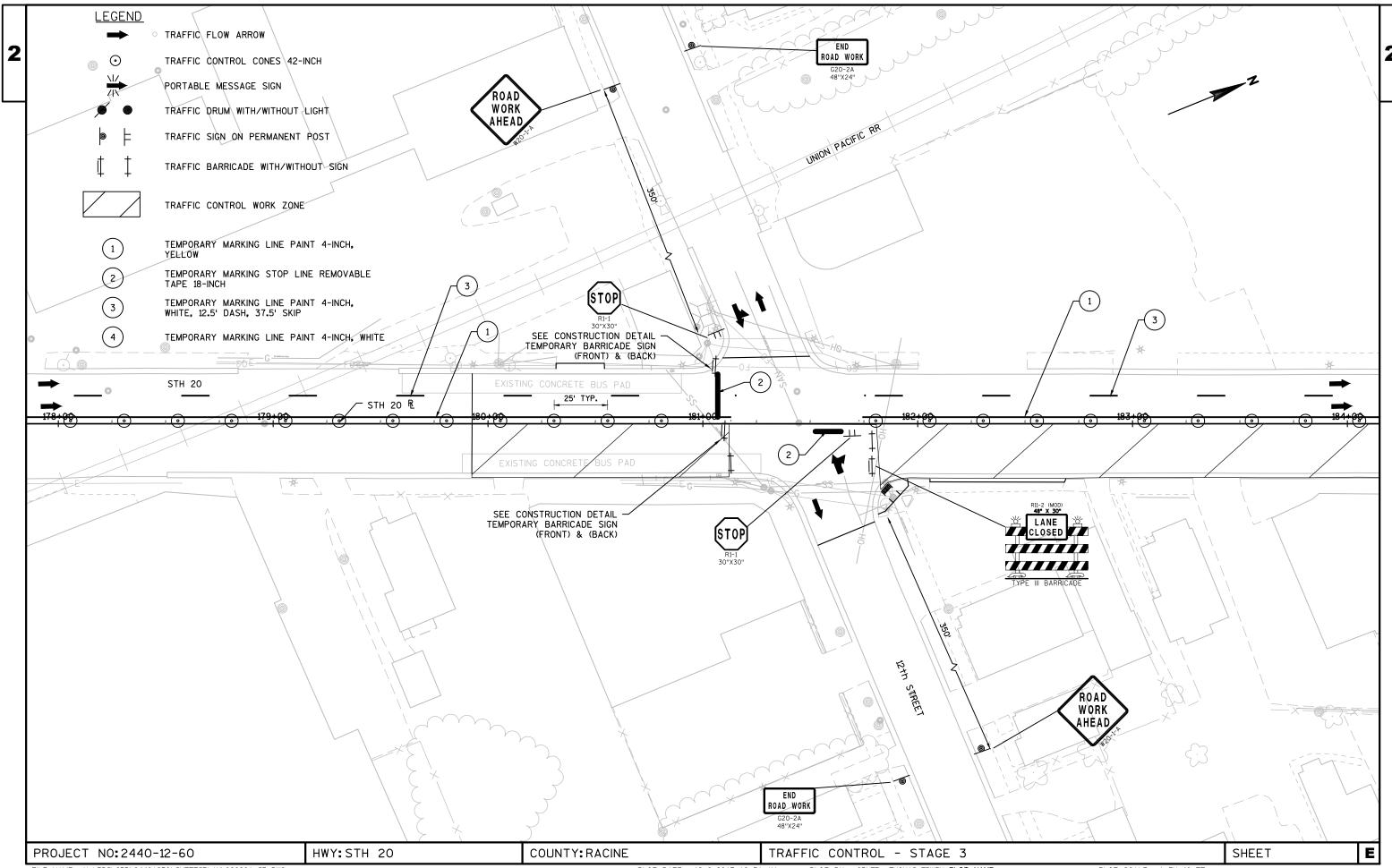


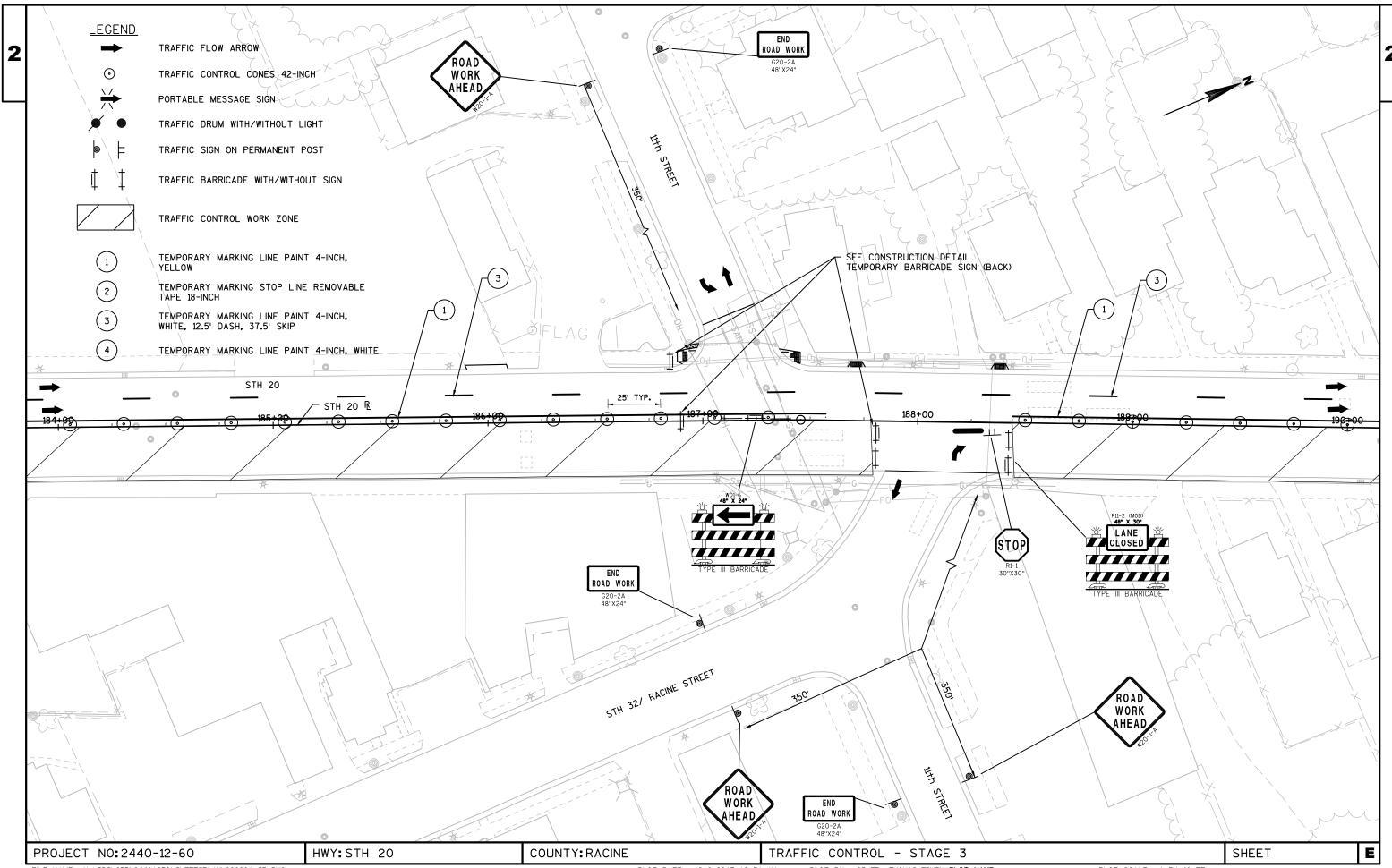


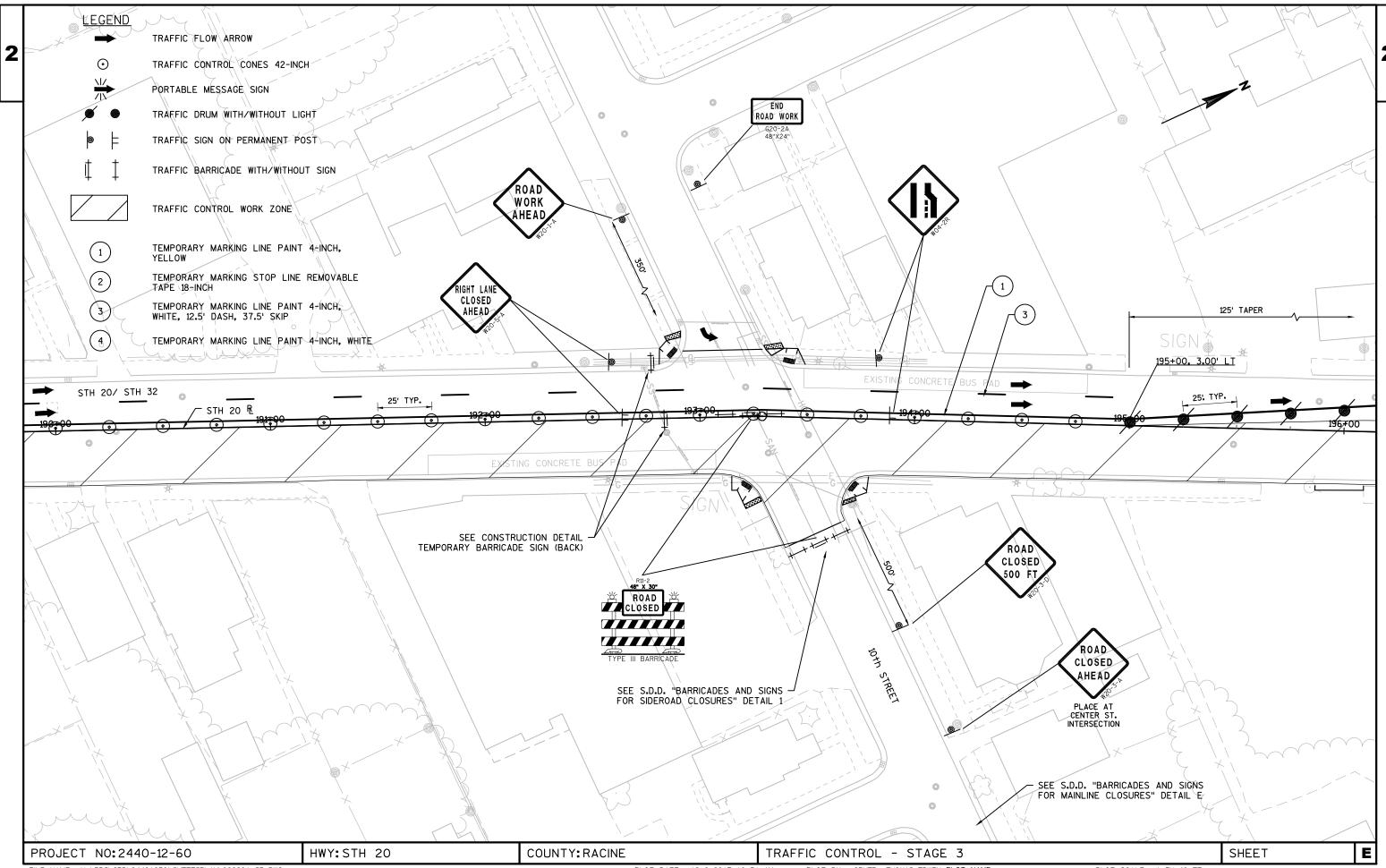


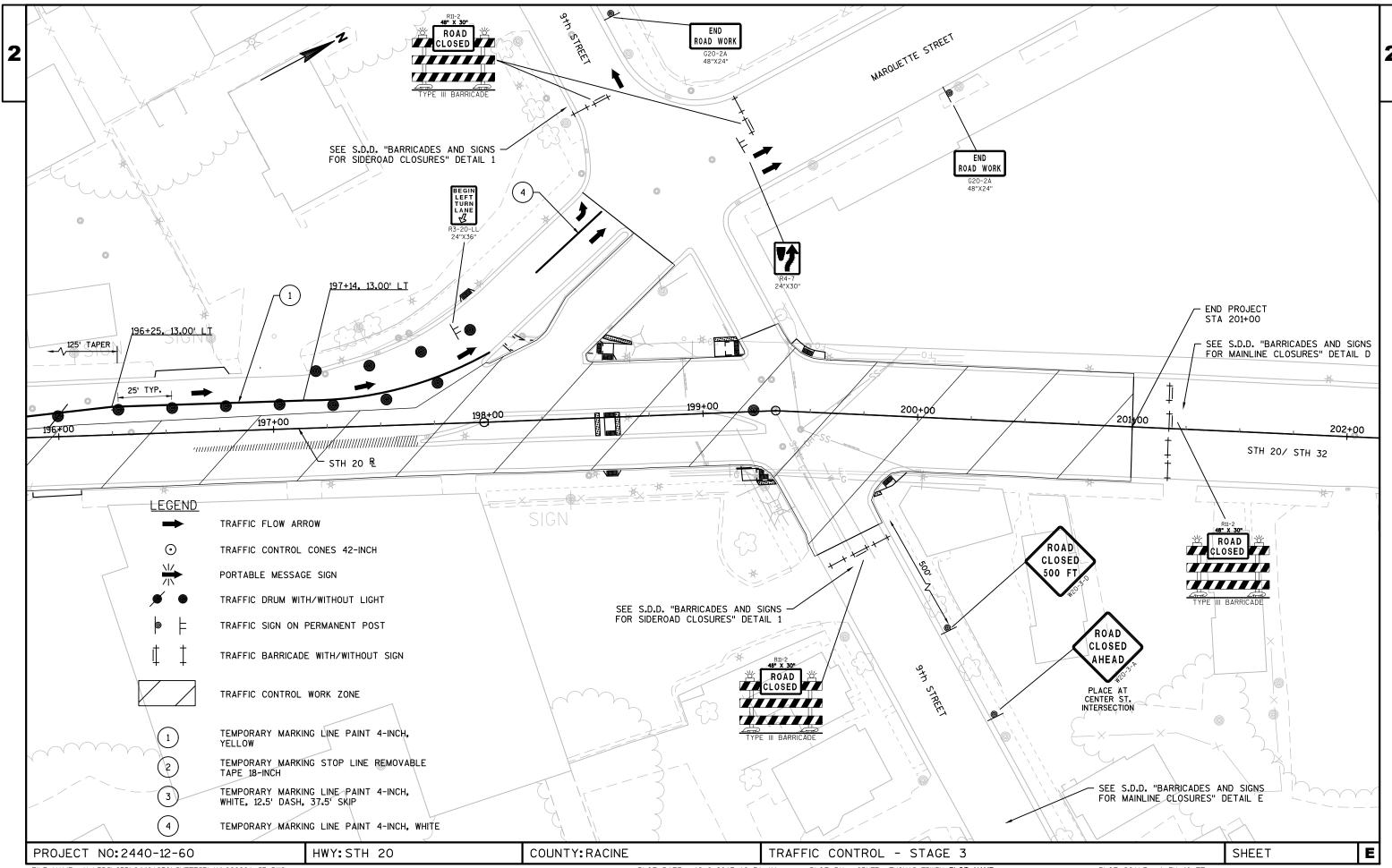


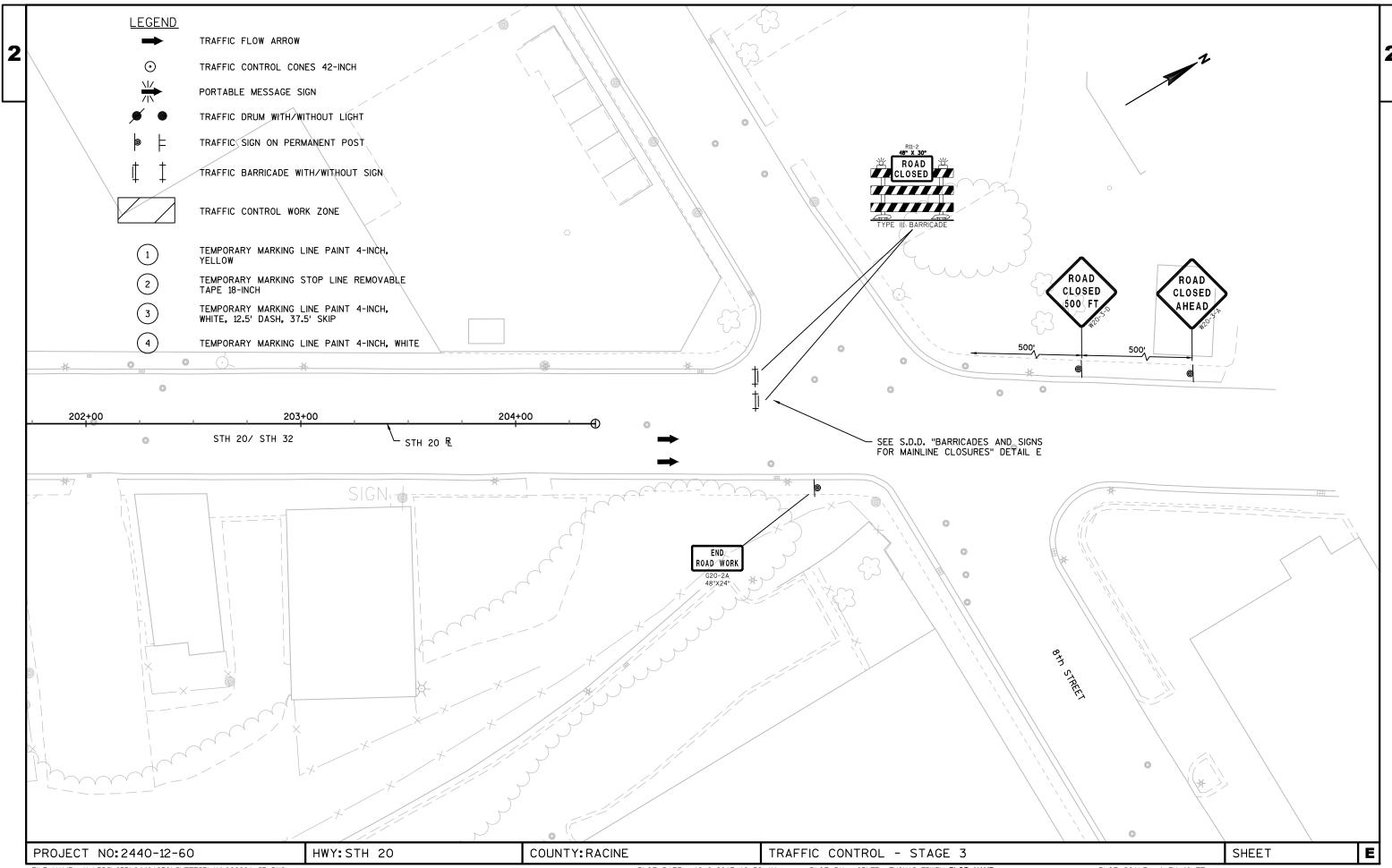


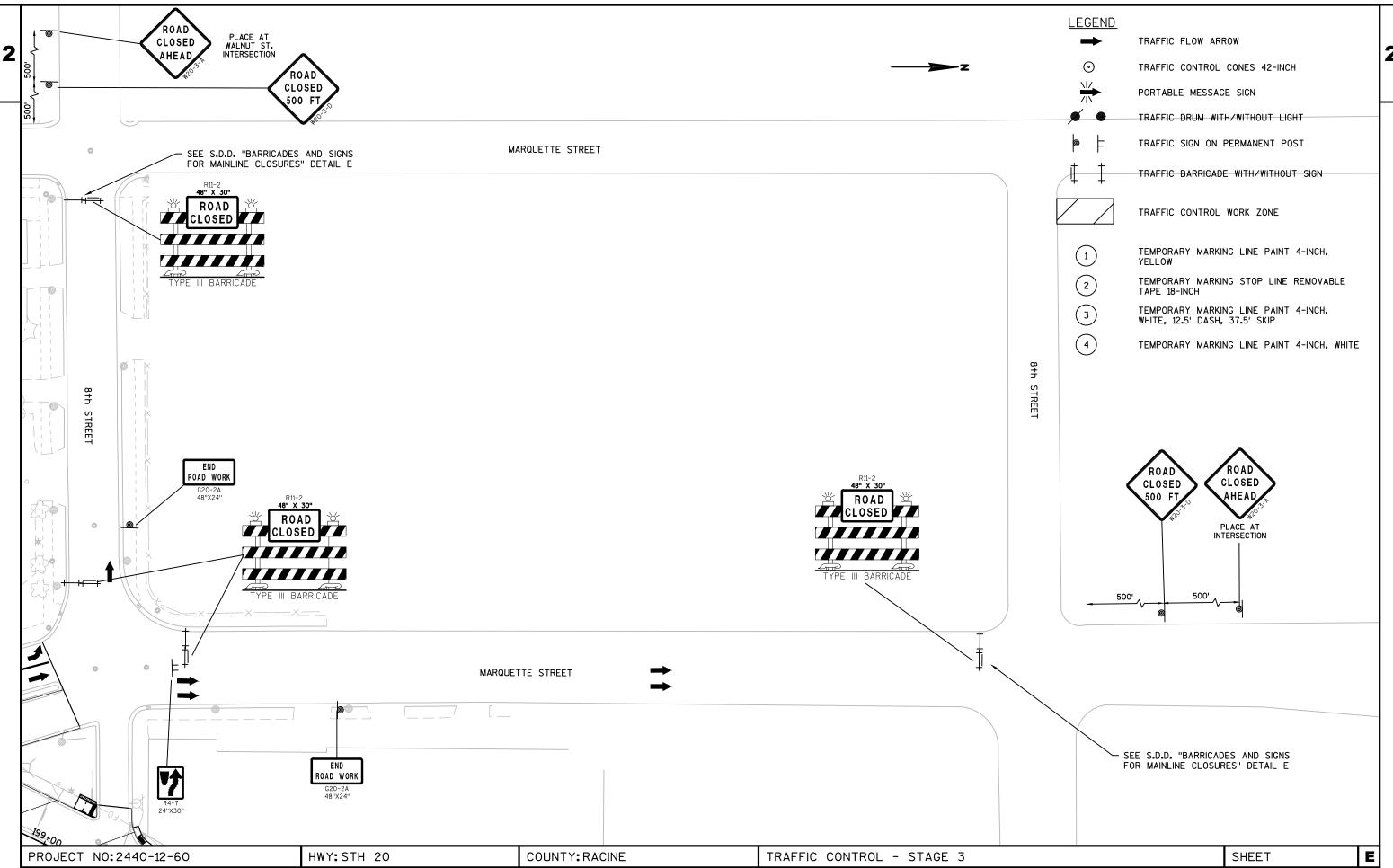


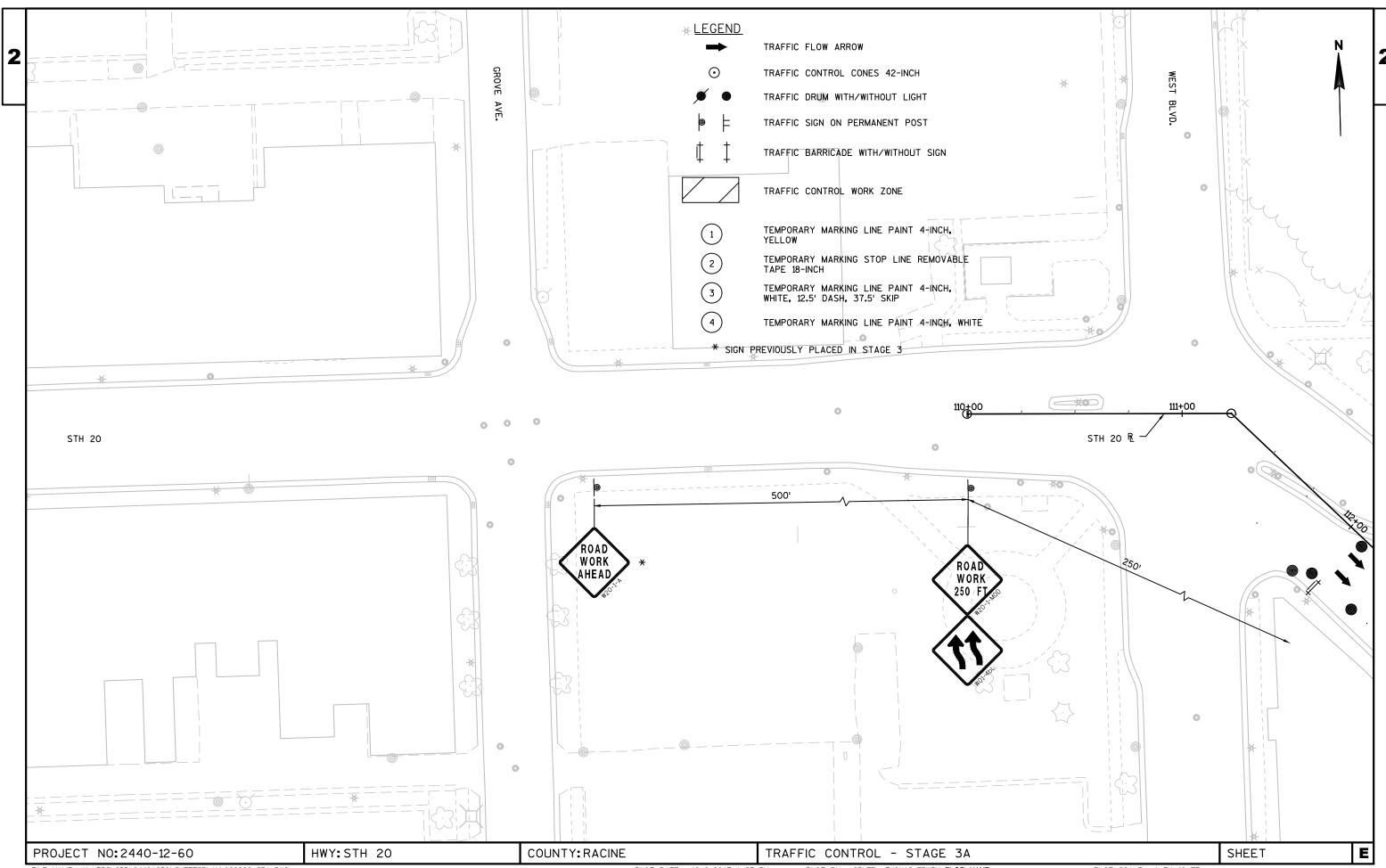


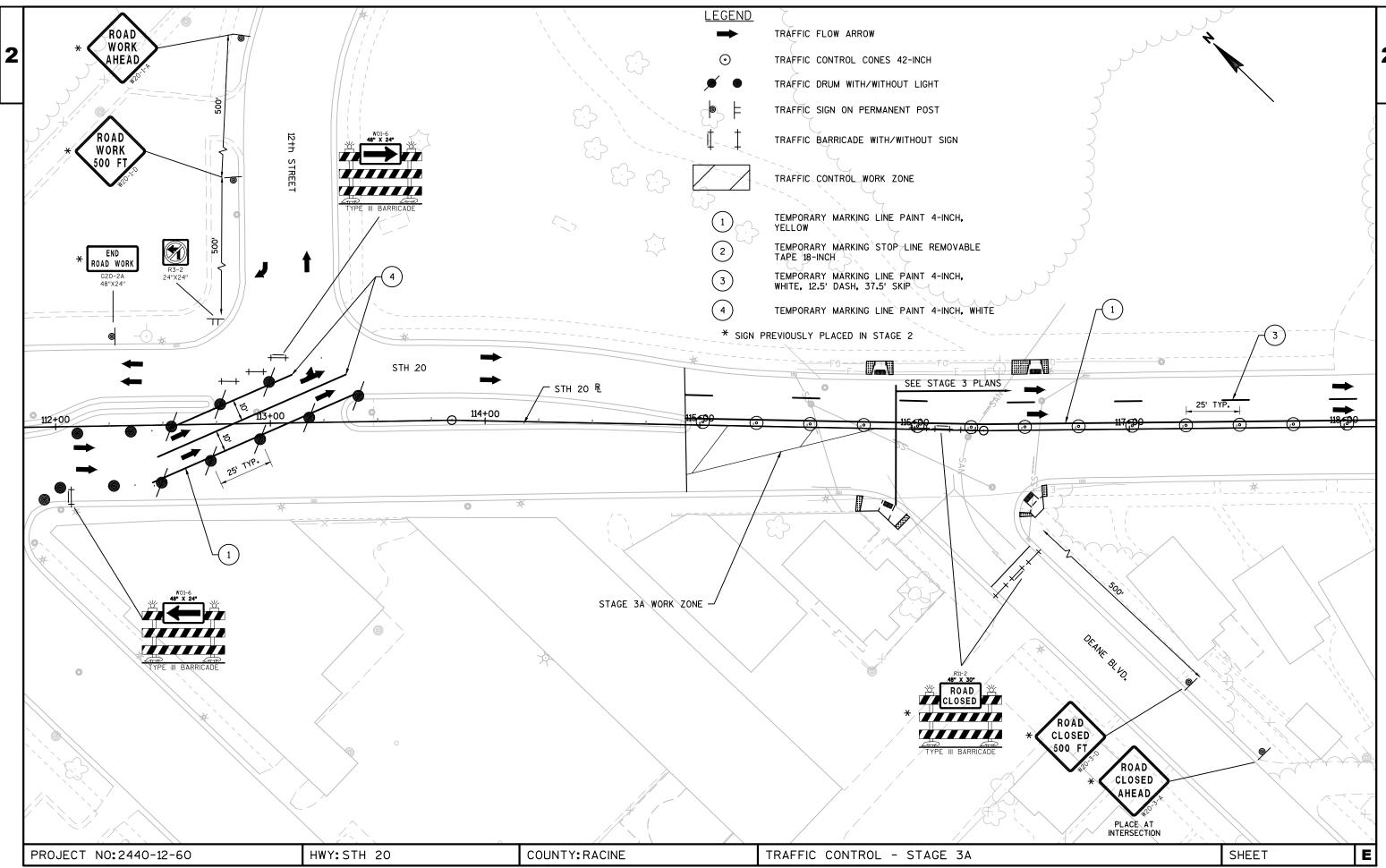


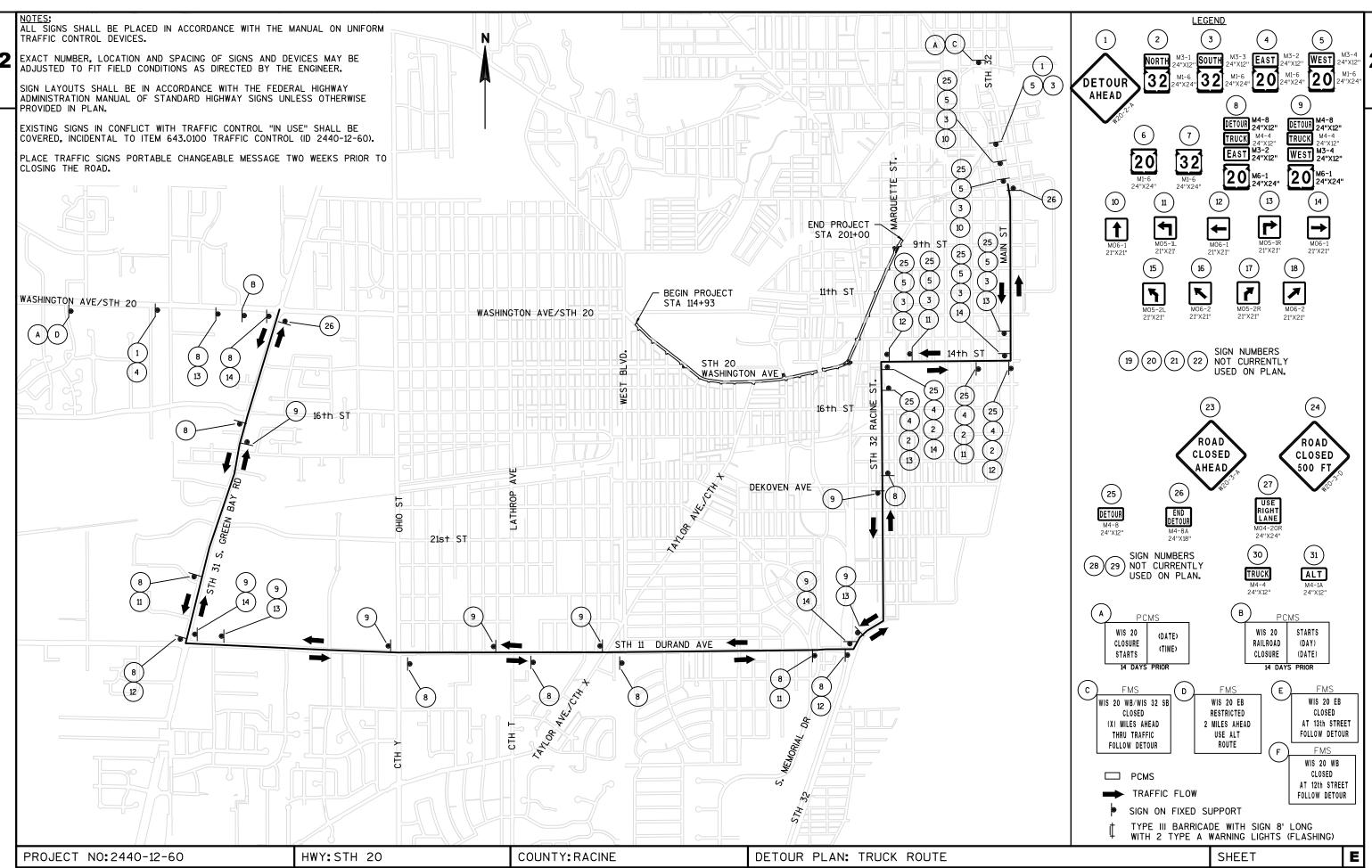


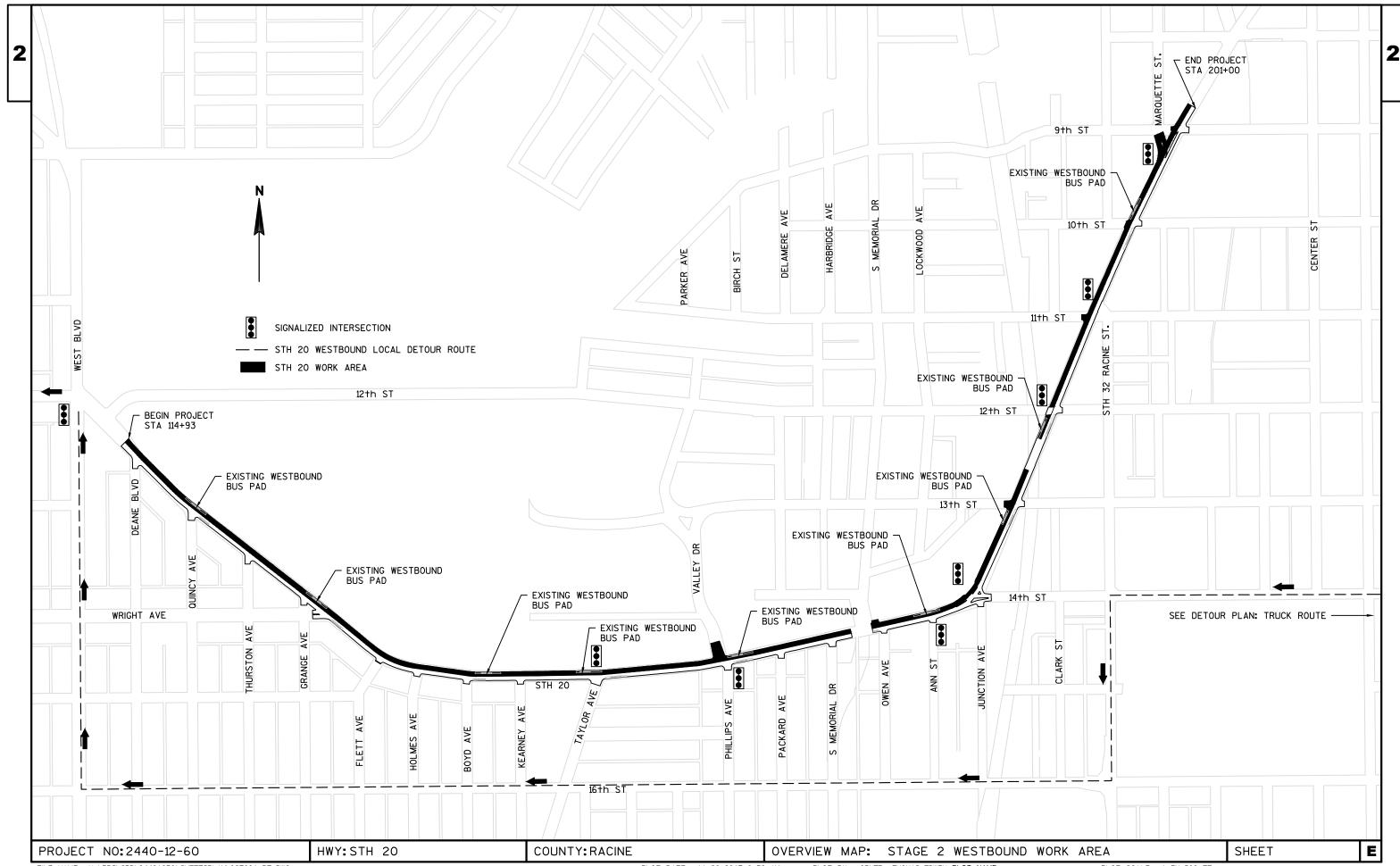


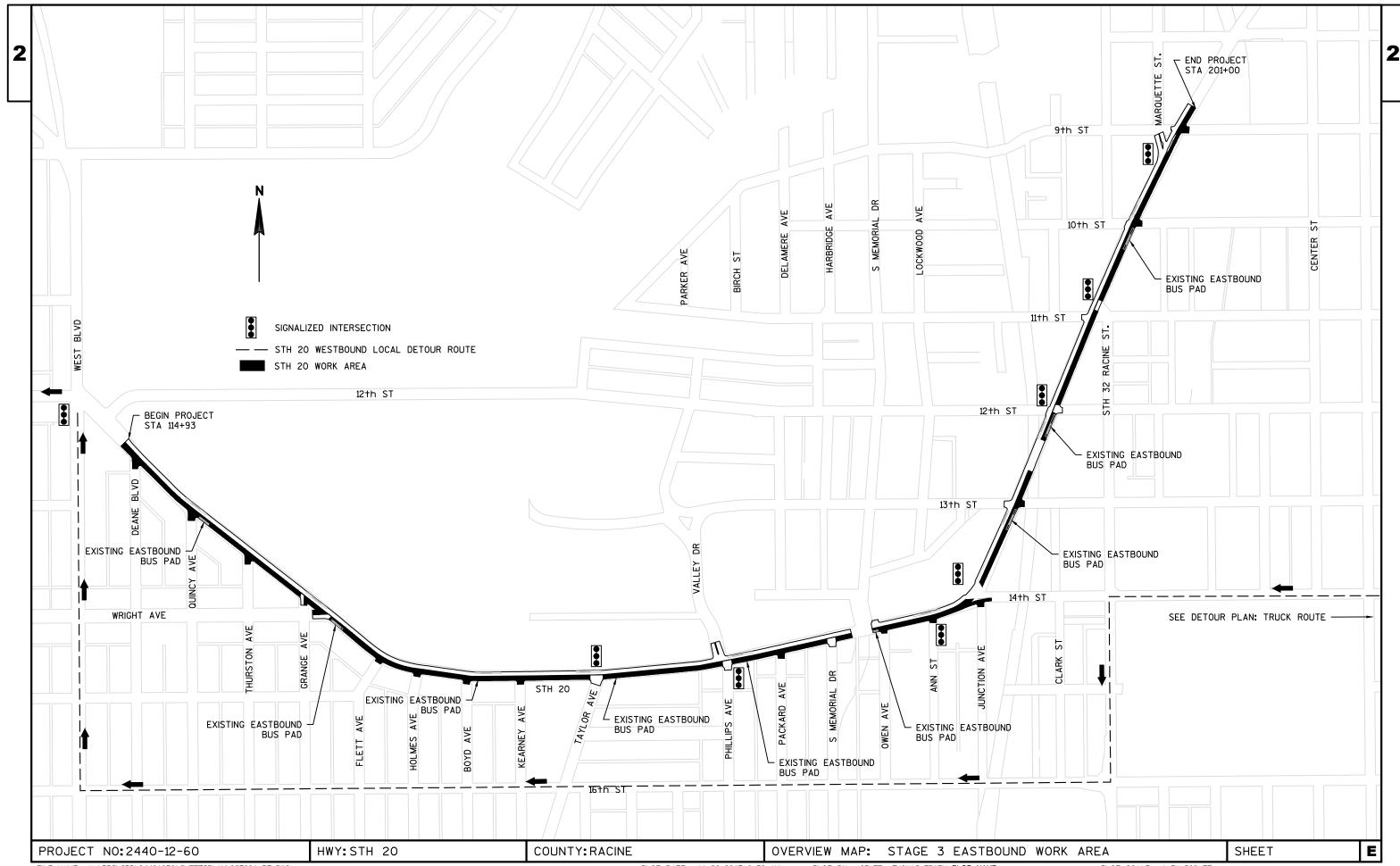


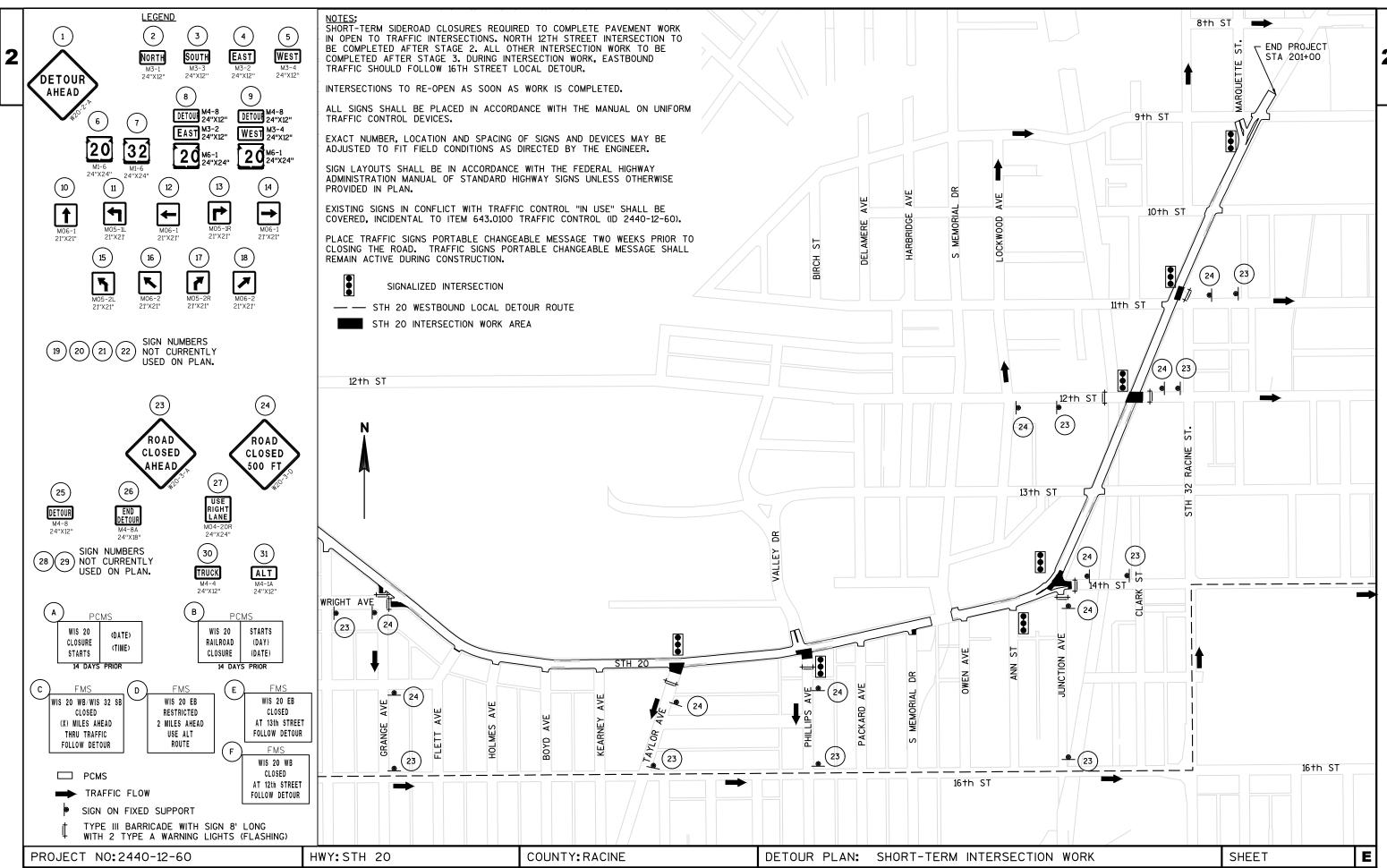


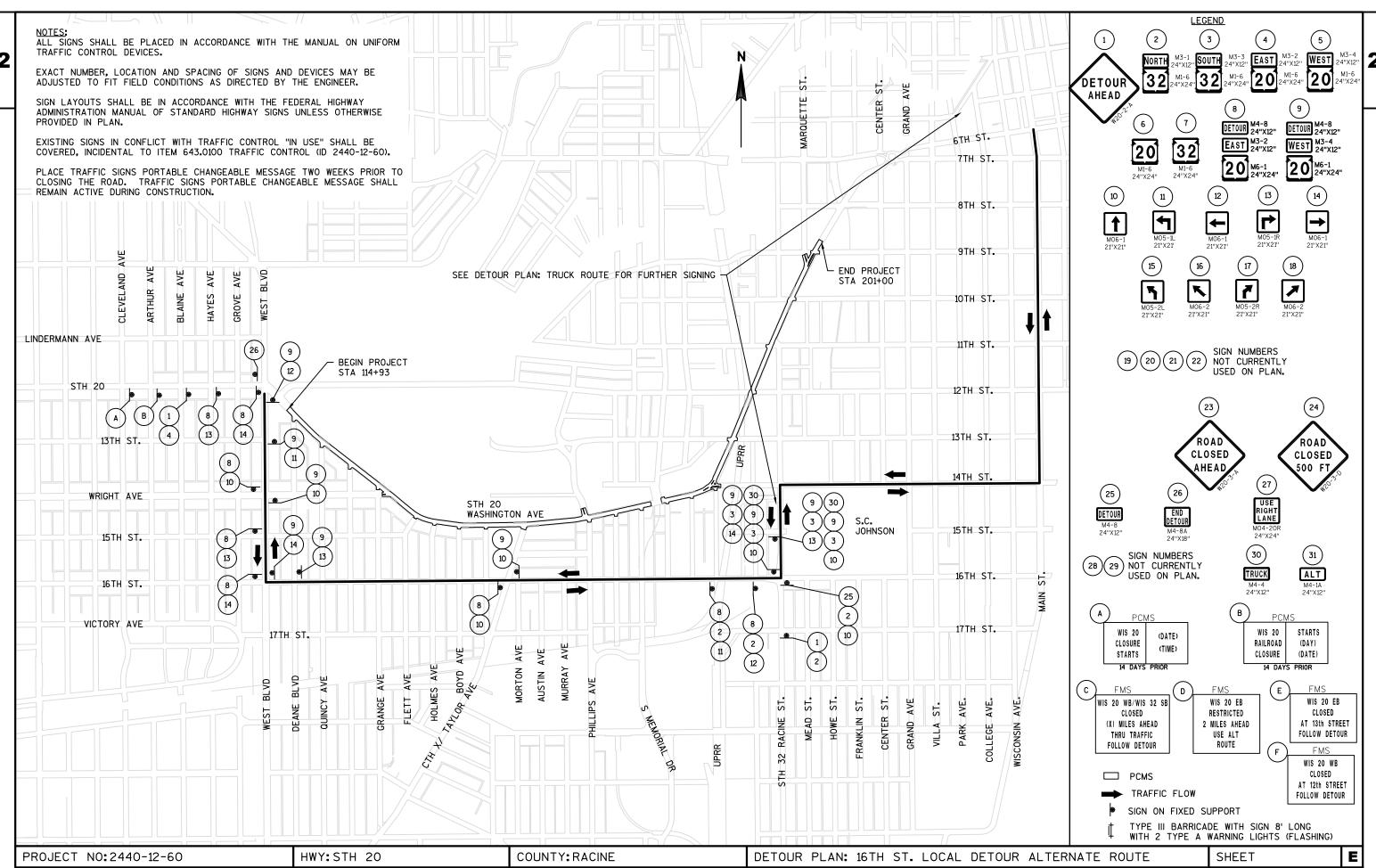


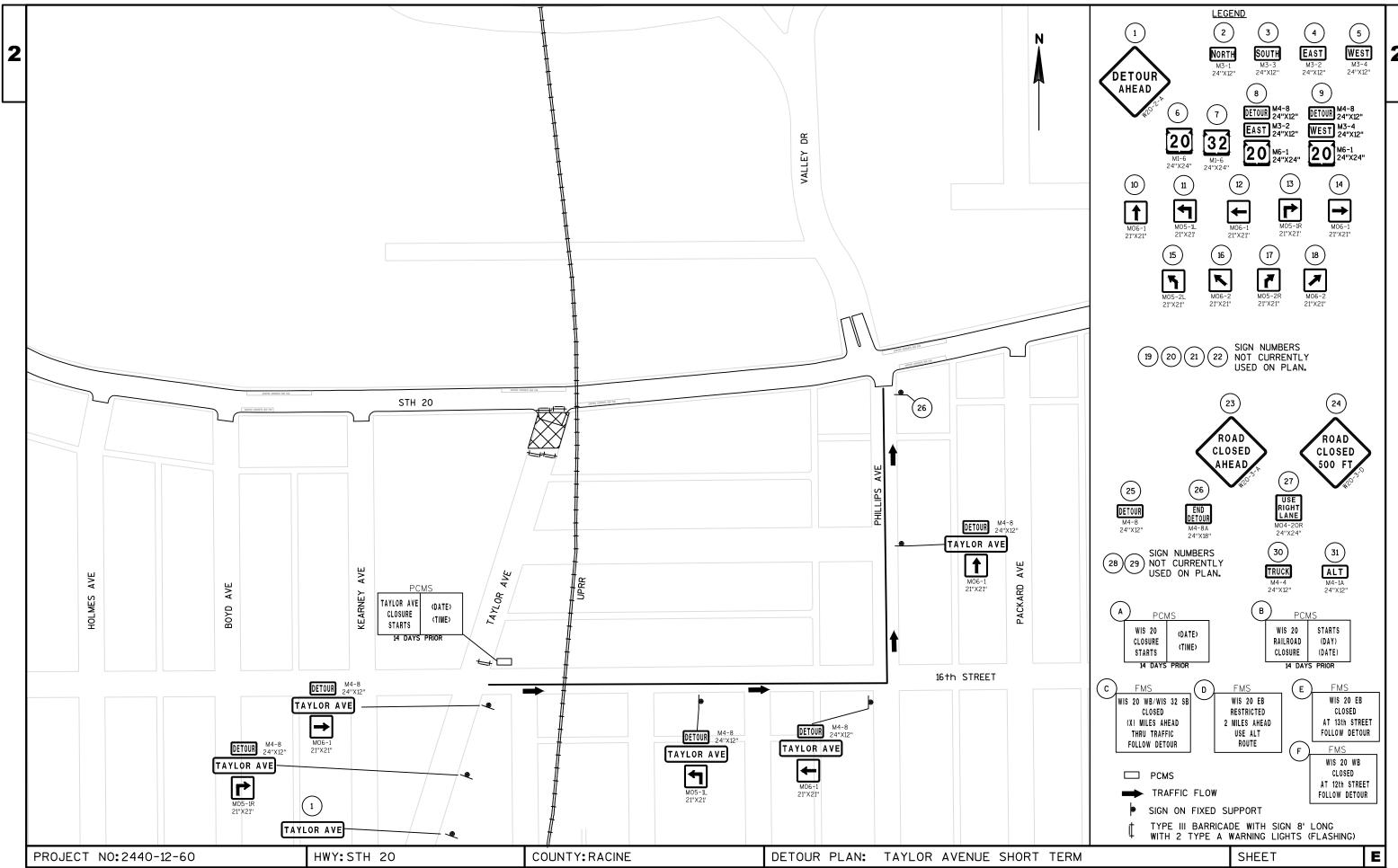


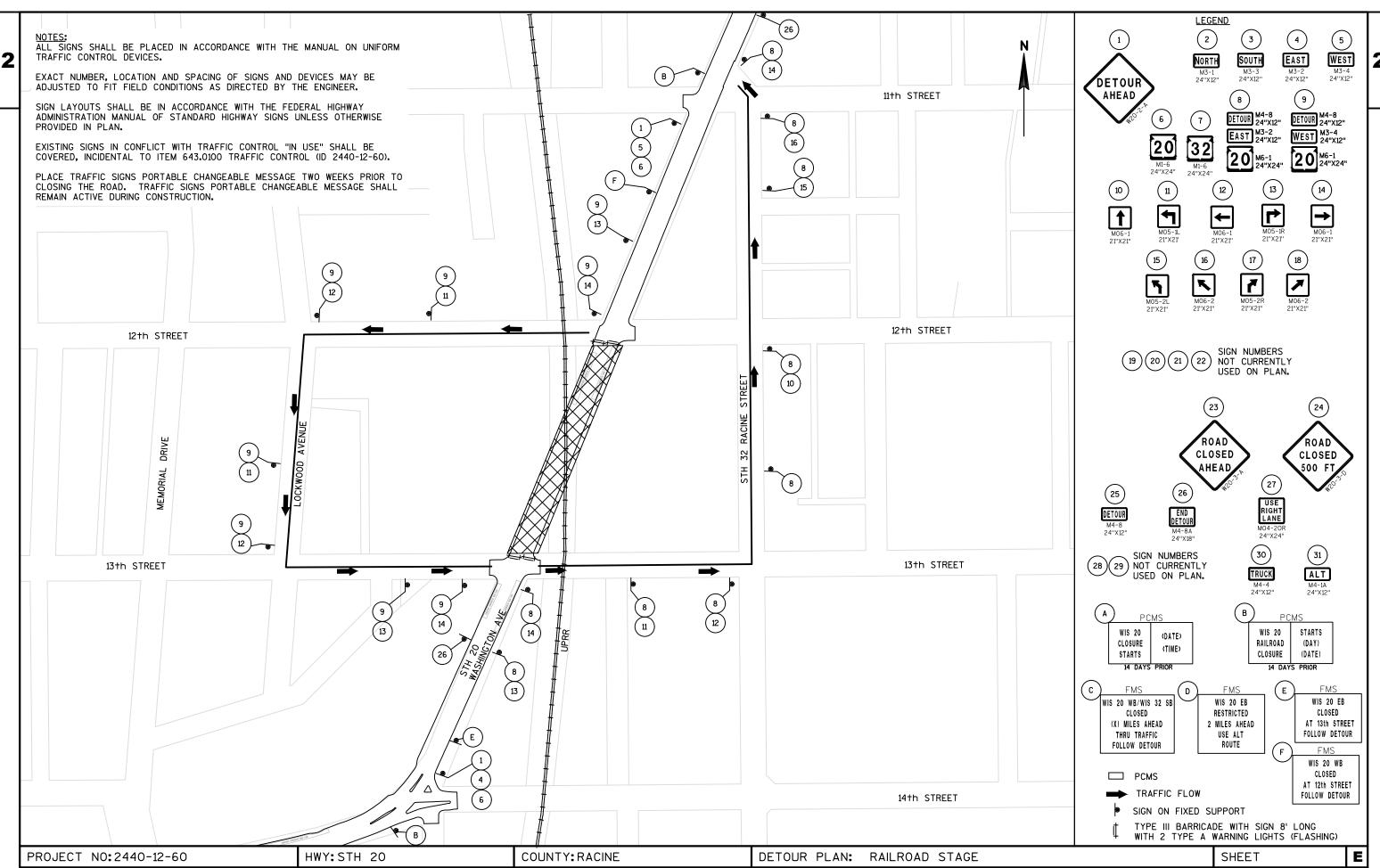


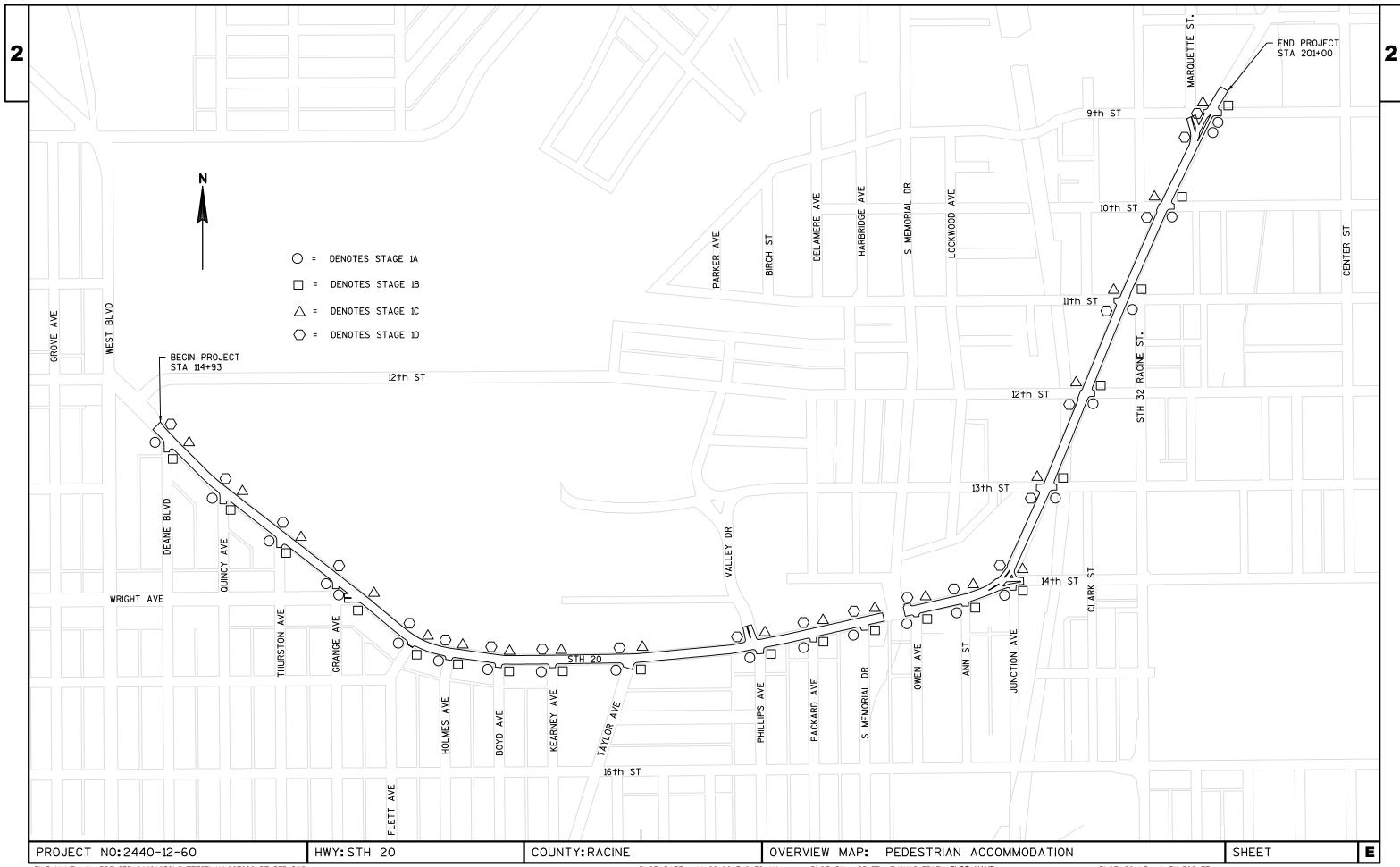












0074

637.2210 Signs Type II Reflective H

					Lottillate of a	r age i
					2440-12-60	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,233.000	1,233.000	
0004	204.0120	Removing Asphaltic Surface Milling	SY	6,476.000	6,476.000	
0006	204.0125	Removing Asphaltic Surface Milling	TON	6,740.000	6,740.000	
8000	204.0150	Removing Curb & Gutter	LF	1,583.000	1,583.000	
0010	204.0155	Removing Concrete Sidewalk	SY	588.000	588.000	
0012	204.0245	Removing Storm Sewer (size) 01. 8-Inch	LF	140.500	140.500	
0014	204.0250	Abandoning Manholes	EACH	1.000	1.000	
0016	204.0280	Sealing Pipes	EACH	3.000	3.000	
0018	204.9105.S	Removing (item description) 01. LOOP DETECTOR WIRE & LEAD-IN CABLE - STH 20 & TAYLOR AVE	LS	1.000	1.000	
0020	204.9105.S	Removing (item description) 02. LOOP DETECTOR WIRE & LEAD-IN CABLE - STH 20 & PHILLIPS AVE	LS	1.000	1.000	
0022	204.9105.S	Removing (item description) 03. LOOP DETECTOR WIRE & LEAD-IN CABLE - STH 20 & STH 32 / RACINE AVE	LS	1.000	1.000	
0024	213.0100	Finishing Roadway (project) 01. 2440-12-60	EACH	1.000	1.000	
0026	405.0100	Coloring Concrete WisDOT Red	CY	16.000	16.000	
0028	405.1000	Stamping Colored Concrete	CY	4.000	4.000	
0030	440.4410	Incentive IRI Ride	DOL	12,832.000	12,832.000	
0032	455.0605	Tack Coat	GAL	3,436.000	3,436.000	
0034	460.2000	Incentive Density HMA Pavement	DOL	5,010.000	5,010.000	
0036	460.6424	HMA Pavement 4 MT 58-28 H	TON	6,945.000	6,945.000	
0038	465.0110	Asphaltic Surface Patching	TON	868.000	868.000	
0040	520.8000	Concrete Collars for Pipe	EACH	10.000	10.000	
0042	601.0600	Concrete Curb Pedestrian	LF	44.000	44.000	
0044	602.0410	Concrete Sidewalk 5-Inch	SF	5,559.000	5,559.000	
0046	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	748.000	748.000	
0048	608.0512	Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	LF	207.500	207.500	
0050	611.0420	Reconstructing Manholes	EACH	1.000	1.000	
0052	611.0430	Reconstructing Inlets	EACH	2.000	2.000	
0054	611.8110	Adjusting Manhole Covers	EACH	2.000	2.000	
0056	611.8115	Adjusting Inlet Covers	EACH	5.000	5.000	
0058	619.1000	Mobilization	EACH	1.000	1.000	
0060	628.1504	Silt Fence	LF	313.000	313.000	
0062	628.1520	Silt Fence Maintenance	LF	313.000	313.000	
0064	628.1905	Mobilizations Erosion Control	EACH	10.000	10.000	
0066	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000	
0068	628.7015	Inlet Protection Type C	EACH	132.000	132.000	
0070	628.7020	Inlet Protection Type D	EACH	16.000	16.000	
0072	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	117.000	117.000	
0074	007.0010	TOOLS TUDDING CLOCK EACH TOOL AT TOOL A	27.011	117.000	117.000	

1,293.610

1,293.610

				2440-12-60
Item	Item Description	Unit	Total	Qty
	·			179.040
				220.850
				185.000
				82.000
				8,694.000
				12,814.000
	• • • • • • • • • • • • • • • • • • • •			25,628.000
				1,952.000
	- · · · · · · · · · · · · · · · · · · ·			41,637.000
	•			96.000
				651.000
	-			35,370.000
				1.000
				55.000
				18.000
				18,306.000
				1,615.000
				22.000
				9.000
	- · · ·			9.000
				969.000
				589.000
				2,553.000
				72.000
46.8120				105.000
46.8220				11.000
46.8320				506.000
46.9000	-	LF	14,092.000	14,092.000
46.9100	Marking Removal Line 8-Inch	LF	942.000	942.000
46.9200	Marking Removal Line Wide	LF	114.000	114.000
46.9300	Marking Removal Special Marking	EACH	15.000	15.000
46.9400	Marking Removal Plowable Raised Pavement Markers	EACH	516.000	516.000
49.0105	Temporary Marking Line Paint 4-Inch	LF	12,410.000	12,410.000
49.0150	Temporary Marking Line Removable Tape 4-Inch	LF	10,622.000	10,622.000
49.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	151.000	151.000
50.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,416.000	1,416.000
50.8000	Construction Staking Resurfacing Reference	LF	8,607.000	8,607.000
50.9000	Construction Staking Curb Ramps	EACH	91.000	91.000
50.9910	Construction Staking Supplemental Control (project) 01. 2440-12-60	LS	1.000	1.000
	37.2215 37.2230 38.2602 38.3000 43.0300 43.0705 43.0705 43.0705 43.1000 43.1050 43.1050 44.1420.S 44.1601.S 46.1020 46.3020 46.5020 46.5020 46.5120 46.5120 46.5120 46.5120 46.5120 46.820 46.820 46.820 46.820 46.820 46.820 46.820 46.8020 46.8020 46.9000 46.9000 46.9000 46.9000 46.9300	Signs Type II Reflective H Folding Signs Type II Reflective F Signs Supports Signs Type II Reflective F Signs Supports Signs Type III Reflective F Signs Supports	Signs Type II Reflective H Folding SF S7.2230 Signs Type II Reflective F SF S8.2602 Removing Signs Type II S8.3000 Removing Small Sign Supports S8.3000 Traffic Control Drums DAY S8.3000 Traffic Control Barricades Type III DAY S8.3000 Traffic Control Warning Lights Type A DAY S8.3000 Traffic Control Warning Lights Type C DAY S8.3000 Traffic Control Signs DAY S8.3000 Traffic Control Signs Fixed Message SF S8.31.1000 Traffic Control Signs FCMS DAY S8.31.1000 Traffic Control Cones 42-Inch DAY S8.3000 Traffic Control Cones 42-Inch DAY S8.3000 Traffic Control Cones 42-Inch DAY S8.3000 Traffic Control Cones 42-Inch DAY S8.41.1001.S Temporary Pedestrian Surface Plywood SF DAY	37.2215 Signs Type II Reflective H Folding SF 179.040 37.2230 Signs Type II Reflective F SF 220.850 38.2602 Removing Signs Type II EACH 185.000 38.2602 Removing Small Sign Supports EACH 82.000 38.3000 Traffic Control Drums DAY 8,694,000 38.3010 Traffic Control Barricades Type III DAY 12,814.000 38.30715 Traffic Control Warning Lights Type A DAY 25,628.000 38.3000 Traffic Control Signs DAY 41,637.000 38.3000 Traffic Control Signs Fixed Message SF 96.000 38.1000 Traffic Control Signs PCMS DAY 651.000 38.1000 Traffic Control Cones 42-Inch DAY 35,370.000 38.1000 Traffic Control Signs Surface Plywood SF 55.000 48.1020 Marking Line Epoxy 4-Inch LF 18,306.000 48.1021 Marking Line Epoxy 4-Inch LF 1,615.000 48.5020 Marking Repoxy EACH 22.000 </td

2440-12-60

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Line	Item	Item Description	Unit	Total	Qty
0154	652.0800	Conduit Loop Detector	LF	732.000	732.000
0156	653.0900	Adjusting Pull Boxes	EACH	4.000	4.000
0158	655.0700	Loop Detector Lead In Cable	LF	1,074.000	1,074.000
0160	655.0800	Loop Detector Wire	LF	2,473.000	2,473.000
0162	690.0150	Sawing Asphalt	LF	2,025.000	2,025.000
0164	690.0250	Sawing Concrete	LF	1,762.000	1,762.000
0166	SPV.0035	Special 01. BACKFILL SLURRY	CY	75.000	75.000
0168	SPV.0060	Special 01. FIELD FACILITIES OFFICE SPACE	EACH	1.000	1.000
0170	SPV.0060	Special 02. CURB RAMP GRADING, SHAPING, AND FINISHING	EACH	91.000	91.000
0172	SPV.0060	Special 03. ABANDON SANITARY MANHOLE	EACH	1.000	1.000
0174	SPV.0060	Special 04. SANITARY MANHOLE, 4-FT DIAMETER	EACH	2.000	2.000
0176	SPV.0060	Special 05. REBUILD SANITARY MANHOLE	EACH	1.000	1.000
0178	SPV.0060	Special 06. FACTORY TAP, 15"X15"X6"	EACH	1.000	1.000
0180	SPV.0060	Special 07. FACTORY TAP, 12"X12"X6"	EACH	2.000	2.000
0182	SPV.0060	Special 08. RAISE SANITARY MANHOLE CASTING	EACH	1.000	1.000
0184	SPV.0090	Special 01. SANITARY SEWER, PVC PIPE SDR-35, 12-INCH	LF	140.000	140.000
0186	SPV.0090	Special 02. STEEL CASING PIPE, 18-INCH	LF	100.000	100.000
0188	SPV.0090	Special 03. Concrete Curb & Gutter 12-Inch Type D	LF	1,604.000	1,604.000
0190	SPV.0105	Special 01. REPAIR 15 FEET PVC PIPE SDR-35, 10-INCH	LS	1.000	1.000

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				204.0115 REMOVING	204.0120	204.0125	440.4410	455.0605	460.2000	460.6424	465.0110		
				ASPHALTIC	REMOVING	REMOVING			INCENTIVE				
				SURFACE	ASPHALTIC	ASPHALTIC			DENSITY		ASPHALTIC		
				BUTT	SURFACE	SURFACE	INCENTIVE		HMA	HMA PAVEMENT	SURFACE		
				JOINTS	MILLING	MILLING	IRI RIDE	TACK COAT	PAVEMENT	4 MT 58-28 H	PATCHING		
STATION	то	STATION	LOCATION	SY	SY	TON	DOL	GAL	DOL	TON	TON	REMARKS	
											((-		-
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	242	227	1610	-	742	-	1610	31		
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	283	1388	1640	-	839	-	1640	187		
155+50	-	177+47	PACKARD AVE-RAILROAD	361	794	1660	-	808	-	1660	107		
177+47	-	179+93	RAILROAD AREA	-	-	180	-	-	-	180	-		
179+93	-	201+00	RAILROAD-END PROJECT	347	514	1650	-	781	-	1650	69		
JOINT REPAIR				-	1703	-	-	119	-	-	229		
STORM SEWER				-	:	-	-	5	-	49	-		
SANITARY SEWER				-	-	-	-	14	-	156	-		
UNDISTRIBUTED			PROJECT LENGTH	-	1850	-	12832	128	5010	-	245		
			TOTAL 0010	1233	6476	6740	12832	3436	5010	6945	868		

CONCRETE ITEMS

						*	*					
				204.0150	204.0155	405.0100	405.1000	601.0600	602.0410	602.0505 CURB RAMP	SPV.0090.03	
						COLORING				DETECTABLE	Concrete	
				REMOVING	REMOVING	CONCRETE	STAMPING	CONCRETE	CONCRETE	WARNING	Curb &	
				CURB &	CONCRETE	WISDOT	COLORED	CURB	SIDEWALK	FIELD	Gutter 12-	
				GUTTER	SIDEWALK	RED	CONCRETE	PEDESTRIAN	5-INCH	YELLOW	inch Type D	
STATION	TO	STATION	LOCATION	LF	SY	CY	CY	LF	SF	SF	LF	REMARKS
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	340	180	-	-	-	1763	192	340	
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	283	88	-	-	-	904	160	283	
155+50	-	177+47	PACKARD AVE-RAILROAD	467	206	16	4	12	1854	236	467	
177+47	-	179+93	RAILROAD AREA	-	-	-	-	-	-	-	-	
179+93	-	201+00	RAILROAD-END PROJECT	321	114	-	-	32	1038	160	321	
STORM SEWER				62	-	-	-	-	-	-	83	
SANITARY SEWER				110	-	-	-	-	-	-	110	
MS CATEGORY 010 E ARE CATEGORY 020			TOTAL	1583	588	16	4	44	5559	748	1604	

PROJECT NO: 2440-12-60

FILE NAME: N:\PDS\...\030200_mq.pptx

HWY: STH 20

PLOT DATE: June 14, 1911

COUNTY: RACINE

PLOT BY: A.R.H.

MISCELLANEOUS QUANTITIES

PLOT NAME :

PLOT SCALE: 1:1

SHEET:

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PLOT SCALI

							STORM SEWER PIPE	<u>S</u>					
							204.0245	204.0280		.0512 EWER PIPE			
3		STATION	то	STATION		LOCATION	REMOVING STORM SEWER (8-INCH) LF	SEALING PIPES EACH	REIN CONCRET 12-	FORCED E CLASS V -INCH LF	REMARKS	_	
							140.5	3.0	20	07.5			
						TOTAL 0010	140.5	3.0		207.5			
							STORM SE	WER STRUCTU	<u>RES</u>				
				STATION	то	STATION	LOCATION	AB AN MAN	.0250 DONING HOLES ACH	520.8000 CONCRETE COLLARS FOR PIPE EACH	REMARKS		
				STATION	10	STATION	LOCATION		1	10	KEMAIKS	_	
							TOTAL 001		1	10			
	PROJECT NO: 2440-12-60		HWY:	STH 20		COUN	TY: RACINE	. June 14, 1011		LANEOUS QUANT	TITIES	DIOT SCALE 444	SHEET: E

FILE NAME : N:\PDS\...\030200_mq.pptx PLOT BY : A.R.H. PLOT NAME : PLOT NAME : PLOT SCALE : 1:1

SANITARY	SEWER	ITEMS

- 1					*	*	*	*	*		*	*	*		
					SPV.0060.03	SPV.0060.04	SPV.0060.05	SPV.0060.06	9PV.0060.07	SPV.0060.08	SPV.0090.01	SPV.0090.02	SPV.0105.01		
	STATION	то	STATION	LOCATION	SPECIAL (ABANDON SANITARY MANHOLE) EACH	SPECIAL(SANITARY MANHOLE, 4-FT DIAMETER) EACH	SPECIAL (REBUILD SANITARY MANHOLE) EACH	SPECIAL (FACTORY TAP, 15"X15"X6") EACH	SPECIAL (FACTORY TAP, 12"X12"X6") EACH	SPECIAL(RAISE SANITARY MANHOLE CASTING) EACH	SPECIAL(SANITARY SEWER, PVC PIPE SDR-35, 12-INCH) LF	SPECIAL(STEEL CASING PIPE, 18-INCH) LF	SPECIAL (REPAIR 15 FEET PVC PIPE SDR-35, 10-INCH) LS	REMARKS	-
3∫			127+20		_								1		\Box 3
			153+90							1			-		
			166+11 177+80-178+20			1		1			40				L
			178+20-179+20		1	1					100	100			
			198+00						1						
			199+05				1		1						
				TOTAL	1	2	1	1	2	1	140	100	1		

ALL ITEMS CATEGORY 010 EXCEPT FOR * ITEMS ARE CATEGORY 020

RECONSTRUCTING	MANHOLES

STATION

611.0420 RECONSTRUCTING MANHOLES

TO STATION OFFSET EACH REMARKS 187+25.34 36.4' LT 1 STR RR36090

RECONSTRUCTING INLETS

24.8' LT

RECONSTRUCTING **INLETS** LOCATION EACH REMARKS 25.0' RT 1 STR SL19162A

611.0430

1

STR RR36090B

TOTAL 0010

TOTAL 0010

STATION

TO

STATION

156+99.37

186+83.63

Ε HWY: STH 20 SHEET: PROJECT NO: 2440-12-60 COUNTY: RACINE MISCELLANEOUS QUANTITIES FILE NAME: N:\PDS\...\030200_mq.pptx PLOT DATE: June 14, 1911 PLOT BY: A.R.H. PLOT NAME : PLOT SCALE: 1:1

ADJUSTING COVERS

				611.8110	611.8115	
				ADJUSTING	ADJUSTING	
				MANHOLE	INLET	
				COVERS	COVERS	
STATION	TO	STATION	LOCATION	EACH	EACH	REMARKS
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	-	-	
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	1	4	
155+50	-	177+47	PACKARD AVE-RAILROAD	1	1	
177+47	-	179+93	RAILROAD AREA	-	-	
179+93	-	201+00	RAILROAD-END PROJECT	-	-	

TOTAL 0010 2

EROSION CONTROL

				628.1504	628.1520	628.1905	628.1910 MOBILIZATIONS	628.7015	628.7020		
							EMERGENCY	INLET	INLET		
					SILT FENCE	MOBILIZATIONS	EROSION	PROTECTION	PROTECTION		
				SILT FENCE	MAINTENANCE	EROSION CONTROL	CONTROL	TYPE C	TYPE D		
STATION	TO	STATION	LOCATION	LF	LF	EACH	EACH	EACH	EACH	REMARKS	
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	250	250	-	-	28	-		
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	-	-	-	-	22	-		
155+50	-	177+47	PACKARD AVE-RAILROAD	-	-	-	-	33	-		
177+47	-	179+93	RAILROAD AREA	-	-	-	-	-	-		
179+93	-	201+00	RAILROAD-END PROJECT	-	-	-	-	27	-		
UNDISTRIBUTED			PROJECT LENGTH	-		10	5	-	16		
UNDISTRIBUTED				63	63	-	-	22	-		
			TOTAL 0010	313	313	10	5	132	16		

MISCELLANEOUS QUANTITIES

SHEET:

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FILE NAME : N:\PDS\...\030200_mq.pptx PLOT BY : A.R.H. PLOT NAME : PLOT NAME : PLOT NAME : PLOT SCALE : 1:1

COUNTY: RACINE

PROJECT NO: 2440-12-60

HWY: STH 20

						TRAFFIC	CONTROL						
											TEMPORA		
4			643.0300	643.0420	643.0705	643.0715	643.0900	643.1000	643.1050	643.1070	PEDESTRIAN ACCO	644.1601.5	-
				TDAFFTC	TRAFFIC	TRAFFIC		TRAFFIC	TRAFFIC	TRACETO	TEMPOD ARV		
			TRAFFIC	TRAFFIC CONTROL	CONTROL WARNING	CONTROL WARNING	TRAFFIC	CONTROL SIGNS	TRAFFIC CONTROL	TRAFFIC CONTROL	TEMPORARY PEDESTRIAN		
			CONTROL	BARRICADES	LIGHTS	LIGHTS	CONTROL	FIXED	SIGNS	CONES 42-	SURFACE	TEMPORARY	
			DRUMS	TYPE III	TYPE A	TYPE C	SIGNS	MESSAGE	PCMS	INCH	PLYWOOD	CURB RAMP	
	STATION TO STATION	LOCATION	DAY	DAY	DAY	DAY	DAY	SF	DAY	DAY	SF	EACH	REMARKS
	DETOUR ROUTE	TRUCK BOUTE					16160	40	2.45				
	DETOUR ROUTE	TRUCK ROUTE 16TH ST. LOCAL	-	-	-	-	16160 9797	48	345 230	-	-	-	
	DETOUR ROUTE	RAILROAD (STAGE 4)	_	_	_	_	1275	48	62	_	_	_	
	DETOUR ROUTE	SHORT-TERM INTERSECTIONS	_	9	18	_	27	-	-	_	_	_	
	DETOUR ROUTE	TAYLOR AVE	-	15	30	-	105	-	14	-	-	-	
	BEGIN PROJECT - END PROJECT	STAGE 1	6251	7473	14946	1034	7943	_	_	24205	_	9	
	BEGIN PROJECT - END PROJECT	STAGE 1A	824	32	64	368	80	_	_	-	_	-	
	BEGIN PROJECT - END PROJECT	STAGE 1B	58	8	16	10	12	-	-	-	-	-	
	BEGIN PROJECT - END PROJECT	STAGE 2	414	1854	3708	144	2718	-	-	5706	-	-	
	BEGIN PROJECT - END PROJECT	STAGE 2A	-	14	28	_	6	-	-	-	-	-	
	BEGIN PROJECT - END PROJECT	STAGE 3	1121	3401	6802	380	3496	-	-	5453	55	9	
	BEGIN PROJECT - END PROJECT	STAGE 3A	26	8	16	16	18	-	-	6	-	-	
		TOTAL 0010	8694	12814	25628	1952	41637	96	651	35 370	55	18	
_				MARKING RE	EMOVAL PLOWA	BLE RAISED F	PAVEMENT MAR	<u>KERS</u>					
				MARKING RE	EMOVAL PLOWA	BLE RAISED F	AVEMENT MAR	646.94					
				MARKING RE	EMOVAL PLOWA	BLE RAISED F	PAVEMENT MAR	646.94 MARKI	NG				
				MARKING RE	<u>EMOVAL PLOWA</u>	BLE RAISED F	PAVEMENT MAR	646.94 MARKI REMOV	NG AL				
				MARKING RE	EMOVAL PLOWA	<u>BLE RAISED F</u>	PAVEMENT MAR	646.94 MARKI REMOV PLOWAB	NG AL LE				
				MARKING RE	EMOVAL PLOWA	<u>BLE RAISED F</u>	PAVEMENT MAR	646.94 MARKII REMOV PLOWAB RAISE	NG AL LE D				
				MARKING RE	EMOVAL PLOWA	BLE RAISED F	PAVEMENT MAR	646.94 MARKI REMOV PLOWAB RAISE PAVEME	NG AL LE D NT				
		STATION TO	STATION	MARKING RE		CATION	PAVEMENT MAR	646.94 MARKII REMOV PLOWAB RAISE	NG AL LE ED ENT RS	REMARKS			
				MARKING RE	LO	CATION		646.94 MARKI REMOV PLOWAB RAISE PAVEME MARKE	NG AL ILE ID INT RS	REMARKS			
			135+00	MARKING RE	LC BEGIN PRO	CATION JECT-FLETT AVE	E	646.94 MARKI REMOV PLOWAB RAISE PAVEME MARKE EACH	NG AL LE ED ENT RS	REMARKS			
		114+93 -		MARKING RE	LC BEGIN PRO HOLMES AV	CATION	E	646.94 MARKI REMOV PLOWAB RAISE PAVEME MARKE	NG AL LE D ENT RS	REMARKS			
		114+93 - 135+00 -	135+00 155+50	MARKING RE	LC BEGIN PRO HOLMES AV PACKARD	OCATION JECT-FLETT AVE E-PHILLIPS AVE	E	646.94 MARKI REMOV. PLOWAB RAISE PAVEME MARKE EACH	NG AL LE D ENT RS	REMARKS			

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		TOTAL 0	010	516
PROJECT NO: 2440-12-60	HWY: STH 20	COUNTY: RACINE		MISCELLANEOUS QUANTITIES

FILE NAME : N:\PDS\...\030200_mq.pptx PLOT BY : A.R.H. PLOT BY : A.R.H. PLOT NAME : PLOT SCALE : 1:1

PAVEMENT MARKING REMOVALS

				646.9000	646.9100	646.9200	646.9300 MARKING	
				MARKING	MARKING	MARKING	REMOVAL	
				REMOVAL LINE	REMOVAL	REMOVAL	SPECIAL	
				4-INCH	LINE 8-INCH	LINE WIDE	MARKING	
STATION	ТО	STATION	LOCATION	LF	LF	LF	LF	REMARKS
BEGIN PROJECT	-	END PROJECT	STAGE 1	13965	803	114	15	
BEGIN PROJECT	-	END PROJECT	STAGE 2	127	25	-) = 1	
BEGIN PROJECT	-	END PROJECT	STAGE 2A	-	19	-	-	
BEGIN PROJECT	-	END PROJECT	STAGE 3	1=6	95	_	-	
BEGIN PROJECT	-	END PROJECT	STAGE 3A	3-0	-	-	: -	
			TOTAL 0010	14092	942	114	15	

PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE MISCELLANEOUS QUANTITIES SHEET: **E**

										PAVEMENT I	MARKING			
						646.1020)	646.3020	646.5020	646.5120	646.5320	646.6120	646.	7120
_	STATION	TO S	TATION	L	OCATION	MARKING LINE EPO WHITE LF		MARKING LINE EPOXY 8-INCH LF	MARKING ARROW EPOXY EACH	MARKING WORD EPOXY EACH	MARKING RAILROAD CROSSINGS EPOXY EACH	MARKING STOP LINE EPOXY 18- INCH		AGONAL EPOXY INCH YELLOW LF
	114+93 135+00 155+50 177+47 179+93	- 1 - 1 - 1	35+00 55+50 77+47 79+93 01+00	HOLMES A PACKARD RAI	OJECT-FLETT AVE VE-PHILLIPS AVE O AVE-RAILROAD LROAD AREA AD-END PROJECT	750 825 975 100 810	3158 3824 3584 492 3788	- 625 484 - 506	- 8 5 - 9	- 3 2 - 4	- - 4 - 5	136 226 265 51 291	- - 69 - -	219 152 - 149
					ub-Total DTAL 0010	3460 18306	14846	1615	22	9	9	969	<u>69</u>	<u>520</u> 89
								PAVEMEN	IT MARKING					
							646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	646.8020 MARKING CORRUGATED MEDIAN EPOXY	646.8120 MARKING CURB EPOXY	MARKING	646.8320 MARKING PARKING STALL EPOXY			
		STATIC	ON .	TO STAT:	ION	LOCATION	MARKING CROSSWALK EPOXY TRANSVERSE	MARKING CORRUGATED MEDIAN	MARKING CURB	MARKING ISLAND NOSE	MARKING PARKING STALL		REMARKS	
		STATIO 114+9 135+0 155+5 177+4 179+9	13 10 0 7	TO STAT: - 135+0 - 155+1 - 177+4 - 179+0	00 BEGIN 50 HOLMES 47 PACKA 93 R		MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	MARKING CORRUGATED MEDIAN EPOXY	MARKING CURB EPOXY	MARKING ISLAND NOSE EPOXY	MARKING PARKING STALL EPOXY		REMARKS	
		114+9 135+0 155+5 177+4	13 10 0 7	- 135+4 - 155+ - 177+4 - 179+9	00 BEGIN 50 HOLMES 47 PACKA 93 RA 00 RAILR	PROJECT-FLETT AVE AVE-PHILLIPS AVE RD AVE-RAILROAD AILROAD AREA	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF 103 774 615	MARKING CORRUGATED MEDIAN EPOXY SF	MARKING CURB EPOXY LF 12 93	MARKING ISLAND NOSE EPOXY EACH 1 - 5 - 5	MARKING PARKING STALL EPOXY LF 26 - 480 - -		REMARKS	

TEMPORARY PAVEMENT MARKING

649.0105

649.0150

649.0850 TEMPORARY MARKING STO

MARKING STOP LINE

TEMPORARY MARKING LINE REMOVABLE

TEMPORARY MARKING LINE PAINT 4-INCH

TAPE 4-INCH

TAPE 18-INCH

				TEMPORARY	MARKING LINE F	PAINT 4-INCH		TAPE 4-INCH		TAPE 18-INCH	
				YELLOW	WHITE	LANE LINE	YELLOW	WHITE	LANE LINE		
STATION	TO	STATION	LOCATION	LF	LF	LF	LF	LF	LF	LF	REMARKS
				·	-			·			
BEGIN PROJECT	-	END PROJECT	STAGE 1	840	55	1881	-	-	-	26	
BEGIN PROJECT	-	END PROJECT	STAGE 2	7704	-	1930	-	-	-	-	
BEGIN PROJECT	-	END PROJECT	STAGE 2A	-	-	-	-	-	-	13	
BEGIN PROJECT	-	END PROJECT	STAGE 3	-	-	-	8042	250	1944	112	
BEGIN PROJECT	-	END PROJECT	STAGE 3A	-	-	-	203	158	25	-	
			SUB-TOTAL	8544	55	3811	8245	408	1969		
			TOTAL 0010		12410			10622		151	
			101AL 0010		12410			10022		131	

CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) LS	REMARKS
517112011		517112011	2007/1207/			2,1011		AL, STATE
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	340	2007	22	1	
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	288	2050	20	-	
155+50	-	177+47	PACKARD AVE-RAILROAD	467	2197	29	-	
177+47	-	179+93	RAILROAD AREA	-	246	-	-	
179+93	-	201+00	RAILROAD-END PROJECT	321	2107	20	-	

TOTAL 0010 1416 8607 91 1

PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE MISCELLANEOUS QUANTITIES SHEET: **E**

FILE NAME: N:\PDS\...\030200_mq.pptx

PLOT DATE: June 14, 1911

PLOT BY: A.R.H.

PLOT NAME :

PLOT SCALE: 1:1

$\Delta\Delta$	Γ	TORS

				204.9105.S.01 REMOVING	204.9105.S.02 REMOVING	204.9105.5.03	652.0800	655.0700	655.0800	
				(REMOVE LOOP	(REMOVE LOOP	REMOVING (REMOVE				
				DETECTOR WIRE	DETECTOR WIRE	LOOP DETECTOR WIRE		LOOP		
				AND LEAD-IN	AND LEAD-IN	AND LEAD-IN CABLE	CONDUIT	DETECTOR	LOOP	
				CABLE STH 20 &	CABLE STH 20 &	STH 20 & STH 32	LOOP	LEAD IN	DETECTOR	
				TAYLOR AVE)	PHILLIPS AVE)	(RACINE ST))	DETECTOR	CABLE	WIRE	
STATION	TO	STATION	LOCATION	LS	LS	LS	LF	LF	LF	REMARKS
114+93	-	135+00	BEGIN PROJECT-FLETT AVE	-	-	-	-	-	-	
135+00	-	155+50	HOLMES AVE-PHILLIPS AVE	1	1	-	225	330	765	Taylor Ave; Phillips Ave
155+50	-	177+47	PACKARD AVE-RAILROAD	-	-	1 - 1	-	-	-	
177+47	-	179+93	RAILROAD AREA	-	-	-	-	-	-	
179+93	-	201+00	RAILROAD-END PROJECT	-	-	1	507	744	1708	STH 32 (Racine St)

ADJUSTING PULL BOXES

ADJUSTING PULL BOXES STATION TO STATION LOCATION EACH REMARKS 114+93 135+00 BEGIN PROJECT-FLETT AVE 155+50 155+10 RT 135+00 HOLMES AVE-PHILLIPS AVE 155+50 177+47 PACKARD AVE-RAILROAD 1 170+25 LT 177+47 179+93 RAILROAD AREA 179+93 201+00 198+15 LT; 199+50 LT RAILROAD-END PROJECT

TOTAL 0010

653.0900

PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE MISCELLANEOUS QUANTITIES SHEET: **E**

FILE NAME: N:\PDS\...\030200_mq.pptx PLOT DATE: J

TOTAL 0010

PLOT DATE: June 14, 1911 PLOT BY: A.R.H.

PLOT NAME :

732

1074

2473

PLOT SCALE: 1:1

SAWING

690.0150 690.0250 SAWING SAWING ASPHALT CONCRETE STATION TO STATION LOCATION LF LF REMARKS 114+93 135+00 BEGIN PROJECT-FLETT AVE 247 320 135+00 155+50 232 335 HOLMES AVE-PHILLIPS AVE 155+50 177+47 PACKARD AVE-RAILROAD 282 716 177+47 179+93 RAILROAD AREA 179+93 201+00 RAILROAD-END PROJECT 306 341 508 30 STORM SEWER 450 20 SANITARY SEWER TOTAL 0010 2025 1762

SPECIAL (BACKFILL SLURRY)

STORM SEWER

SPV.0035.01 SPECIAL(BACKFILL SLURRY)

75

STATION	TO	STATION	LOCATION	CY	REMARKS

TOTAL 0010

75

PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE MISCELLANEOUS QUANTITIES SHEET: **E**

		<u>s</u>	PECIAL(F	IELD FACILITI	ES OFFICE SPACE)				SPECIAL (CUR	B RAMP GRADING, SHAPING,	AND FINISHING)	
3	STATION	TO STA	ΓΙΟΝ	LOCATION	SPV.0060.01 SPECIAL(FIELD FACILITIES OFFICE SPACE) EACH	REMAI	RKS	STATION TO	STATION	LOCATION	SPV.0060.02 SPECIAL(CURB RAMP GRADING, SHAPING, AND FINISHING) EACH	REMARKS
				STH 20	0 1			114+93 - 135+00 - 155+50 - 177+47 - 179+93 -	155+50 177+47 179+93	BEGIN PROJECT-FLETT AVE HOLMES AVE-PHILLIPS AVE PACKARD AVE-RAILROAD RAILROAD AREA RAILROAD-END PROJECT		
					CURB RAMP GR	ADING, SHAPING FOR INFORM	AND FINISHING ITEM	<u>DETAIL</u>				
		STATION	то	STATION	LOCATION	205.0100 EXCAVATION COMMON CY	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	625.0100 (625.0500) TOPSOIL (OR SALVAGED TOPSOIL) SY	629.0210 FERTILIZER TYPE B CWT	SOD LAWN	IARKS	
		114+93 135+00 155+50 177+47 179+93	- - - -	135+00 155+50 177+47 179+93 201+00	BEGIN PROJECT-FLETT AVE HOLMES AVE-PHILLIPS AVE PACKARD AVE-RAILROAD RAILROAD AREA RAILROAD-END PROJECT	E 25 E 12	51 26 53 0 30	86 22 4 0 20	0.77 0.19 0.03 0.00 0.18	86 22 4 0 20		
					TOTAL 0010	83	160	132	1.17	132		
F	PROJECT NO: 244	40-12-60		HWY: STH	20	COUNTY: RACII	NE	MISCELLANE	OUS QUANTITIE	ES		SHEET: E

2440-12-60 STH 20

							SIGNS	SIGNS	SIGNS	REM	REM	POSTS
		SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULA
	SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL
3	NO.	& SIZE	MESSAGE	W	x	Н	Н	F	H FOLDING	II	SUP	2" X 2" X
				[IN.]	X	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]
											'	

637.2210

637.2230

637.2215 638.2602 638.3000

634.0816

						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		DEEL ECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE		W	х	Н				II	SUP	2" X 2" X 16'		
NO.	& SIZE	MESSAGE				H	F	H FOLDING					
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
1	R1-1 (2M)		36	X	36	7.460			1	1	1		
2	R4-7 (2S)		24	X	30	5.000			1	'1	1		
3	R7-1R (2S)		18	X	24	3.000			1	'	'		MOUNT ON POLE
4	R4-7 (2S)		24	X	30	5.000			1	1	1		MOONT OLL
5	` '	SPEED LIMIT 30	24	X	30	5.000			1	i i			MOUNT ON POLE
6	R2-1 (2S)	SPEED LIMIT 25	24	X	30	5.000			1				MOUNT ON POLE
7	R7-1D (2S)	0	18	X	24	3.000						6	MOUNT ON POLE BELOW SIGN NO. 6
8	R1-1 (2M)		36	Χ	36	7.460			1	1	1		
9	NOT USED								-				
10	NOT USED												
11	R7-1L (2S)		18	Х	24	3.000			1	1	1		
12	NOT USED												
13	W11-15 (2S)		30	X	30		6.250				1		
14	W16-9P (2S)		24	X	12		2.000					13	
15	SP	REDUCED SPEED AHEAD							1				
16	W3-5 (2S)	SPEED LIMIT 25	36	Х	36		9.000						MOUNT ON POLE
17	R7-1L (2S)		18	X	24	3.000			1				MOUNT ON POLE
18	W11-15 (2S)		30	X	30		6.250				1		
19	W16-7L (2S)		24	Χ	12		2.000					18	
20	R1-1 (2M)		36	X	36	7.460			1	1	1		
21	NOT USED												
22	NOT USED												
23	W11-15 (2S)		30	Χ	30		6.250				1		
24	W16-7L (2S)		24	Χ	12		2.000					23	
25	NOT USED												
26	NOT USED												
27	W11-15 (2S)		30	Χ	30		6.250						MOUNT ON POLE
28	W16-9P (2S)		24	Χ	12		2.000					27	MOUNT ON POLE BELOW SIGN NO. 27
29	NOT USED												
30	NOT USED								_	_	_		
31	R1-1 (2M)		36	X	36	7.460			1	1	1		
32	J4-1 (2S)		24	X	36	6.000			1				MOUNT ON POLE
	M3-2			24 x 1									
•-	M1-6	WIS 20	2	24 x 2	24								
33	NOT USED									<u> </u>			

SHEET 1 OF 14

Е PROJECT NO: 2440-12-60 COUNTY: RACINE SHEET: HWY:STH 20 PERMANENT SIGNING QUANTITIES

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			•

TYPE II S	IGNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE			REFLECTIVE			SIGN	STEEL	ON SAME	
NO.	& SIZE		W	х	Н					SUP	2" X 2" X 16'	POST AS	
110.	d Oize	MESSAGE	[IN.]		 [IN.]	H [SF]	F [SF]	H FOLDING [SF]	" [EA]	[EA]	[EA]		REMARKS / SIGN LOCATION
			[IIV.]	Х	[IIV.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REWARKS / SIGN LOCATION
34	NOT USED												
35		SPEED LIMIT 30	24	Χ	30	5.000			1				MOUNT ON POLE
36	W1-2L (2S)		30	Χ	30		6.250		1				MOUNT ON POLE
37	NOT USED												
38	R9-3 (2S)		90	Χ	18	11.250			1	1	1		
39	R1-1 (2M)		36	Χ	36	7.460						38	
40	R1-1 (2M)		36	X	36	7.460			1	1	1		
41	R4-7 (2S)		24	X	30	5.000			1	1	1		MOUNT ON DOLE
42	J4-1 (2S)		24	X	36	6.000			1				MOUNT ON POLE
	M3-4 M1-6	WIS 20		4 x 12 4 x 24									
43	NOT USED	W 15 20	22	+ X Z	+								
44	NOT USED												
45	W11-2								1	1			REMOVE NON-COMFORMING PED SIGN
46	W11-2 (2S)		30	Χ	30		6.250				1		
47	W16-7L (2S)		24	Χ	12		2.000					46	
48	R4-7 (2S)		24	Χ	30	5.000			1	1	1		SHEET 4 OF 16
49	R1-1 (2M)		36	Χ	36	7.460			1	1	1		
50	NOT USED												
51	NOT USED												
52	` '	SPEED LIMT 30	24	Χ	30	5.000			1				MOUNT ON POLE
53	NOT USED												
54	NOT USED		40		0.4		0.000				4		
55 56	W1-8 (2S)		18	X	24	7 400	3.000				1		
56 57	R1-1 (2M)		36	X X	36 24	7.460	3.000		1	1	1		MOUNT ON POLE
57 58	W1-8 (2S) W1-8 (2S)		18 18	X	24 24		3.000		'			57	MOUNT ON POLE MOUNT ON POLE OPPOSITE SIGN NO. 57
58 59	NOT USED			^	47		3.000					31	MODINI ON I OLE OF I COME CIGINING. SI
60	NOT USED												
61	W1-8 (2S)		18	Χ	24		3.000				1		
62	W1-8 (2S)		18	X	24		3.000					61	MOUNT ON POST OPPOSITE SIGN NO. 61
63	NOT USED												
64	NOT USED												
65	W1-8 (2S)		18	Х	24		3.000				1		
66	W1-8 (2S)		18	Χ	24		3.000					65	MOUNT ON POST OPPOSITE SIGN NO. 65

SHEET 2 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

TYPE II S	IGNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	0.001			OLON								MOUNT	
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
67	R1-1 (2M)		36	Х	36	7.460			1	1	1		
68	W1-8 (2S)		18	X	24	7.400	3.000		1		'		MOUNT ON POLE
69	W1-8 (2S)		18	X	24		3.000		·			68	MOUNT ON POLE OPPOSITE SIGN NO. 68
70	NOT USED						3.000						
71	NOT USED												
72	R1-1 (2M)		36	Χ	36	7.460			1	1	1		
73	W1-2R (2S)		30	Χ	30		6.250		1				MOUNT ON POLE
74	R7-1D (2S)		18	Χ	24	3.000					1		
75	R1-1 (2M)		36	Χ	36	7.460			1	1	1		
76	NOT USED												
77	SP	REDUCED SPEED AHEAD							1				
78	W11-2 (2S)		30	Χ	30		6.250						MOUNT ON POLE
79	, ,	SPEED LIMIT 25	36	Х	36		9.000				1		
80	W16-9P (2S)		24	Χ	12		2.000					78	MOUNT ON POLE WITH SIGN NO. 78
81	D1-1	TAYLOR AVE [RIGHT ARROW]	36	Χ	21	5.250					1		
82	R7-1L (2S)		18	Х	24	3.000			1	1	1		
83	JV4-1								1				
	MB4-5												
	M1-1	IH 94											
	MB3-4 M1-6	WIS 20											
83A	JV4-1 (2S)	WIS 20	24	Х	72	12.000							MOUNT ON POLE
00/1	MB3-4			4 x 1:		12.000							INCOM ON OLL
	M1-6	WIS 20		4 x 2									
	MB4-5			4 x 1:									
	M1-1	IH 94		4 x 2									
84	R2-1 (2S)	SPEED LIMIT 30	24	Х	30	5.000						83A	MOUNT ON POLE WITH SIGN NO. 83A
85	R7-1D (2S)		18	Χ	24	3.000							MOUNT ON POLE WITH SIGN NO. 83A
86	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
87	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
88	M1-94H	TAYLOR AVE							1				
88A	M1-94H	TAYLOR AVE							1				
89	M1-94H	[LEFT ARROW] TAYLOR AVE	72	Χ	18	9.000							MOUNT ON MAST ARM
89A	M1-94H	TAYLOR AVE [RIGHT ARROW]	72	Χ	18	9.000							MOUNT ON MAST ARM
90	W1-7 (2S)		48	Χ	24		8.000		1	1	1		
91	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE

SHEET 3 OF 14

SHEET:

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FILE NAME N:\SPO\Operations\Traffic_Ops\Signing\Miscellaneous Quantities\2440-12-60\030502_mq.pptx

HWY:STH 20

PROJECT NO: 2440-12-60

PLOT DATE: 20 July 2017

COUNTY: RACINE

PLOT BY DHA_

PERMANENT SIGNING QUANTITIES

PLOT NAME: 030502_mq.pdf

PLOT SCALE: 1:1

TYPE II SI	GNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	0.01			0.0									
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	X	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
00	D7 4D (2C)		40		24	2,000			4	1	4		01155770540
92	R7-1D (2S) NOT USED		18	Χ	24	3.000			1	1	1		SHEET 7 OF 16
92A 93	R7-1D (2S)		18	Х	24	3.000			1				MOUNT ON POLE
94	` '	BEGIN SPEED LIMIT 25	10	^	24	3.000			1				IMOONT ON FOLL
95		SPEED LIMIT 25	24	Χ	30	5.000			•				MOUNT ON POLE
	, ,	VALLEY DR PHILLIPS AVE										05	
96		NEXT SIGNAL	36	Χ	30	7.500						95	MOUNT ON POLE BELOW SIGN NO. 95
97	R3-8M (2S)		54	Χ	30	11.250			1				MOUNT ON POLE
	R7-1D (2S)		18	Χ	24	3.000						97	MOUNT ON POLE BELOW SIGN NO. 97
99	R7-1D (2S)		18	X	24	3.000			1		_		MOUNT ON POLE
100	R7-1D (2S)		18	X	24	3.000			1	1	1		
101		TAYLOR AVE [LEFT ARROW]	36	X	21	5.250					1		
102	J3-1 (2S)		24	X	57	9.500					1		
	M3-4 M1-6	WIS 20		4 x 12									
	M6-1	W 15 20		4 x 24 1 x 21									
103	R7-1D (2S)		<u></u> 18	X 21	24	3.000			1				MOUNT ON POLE
103	NOT USED		10	^	24	3.000							IMOUNT ON FOLE
105	NOT USED												
106	NOT USED												
	R1-1F (2M)		36	Χ	36			7.460	1				SHEET 8 OF 16; MOUNT ON SIGNAL POLE
	R7-1D (2S)		18	Χ	24	3.000						107	MOUNT ON SIGNAL POLE WITH SIGN NO. 107
	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
110	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
111	R5-1 (2S)		30	Χ	30	6.250			1				MOUNT ON SIGNAL POLE
112	R4-7 (2S)		24	Χ	30	5.000			1	1	1		
113	R1-1F (2M)		36	Χ	36			7.460	1]			MOUNT ON SIGNAL POLE
114		[LEFT ARROW] VALLEY DR	66	Χ	18	8.250			1				MOUNT ON MAST ARM FACING EB STH 20 TRAFFIC
114A		VALLEY DR [RIGHT ARROW]	66	Χ	18	8.250				1		114	MOUNT ON MAST ARM FACING WB STH 20 TRAFFIC
115		PHILLIPS AVE [RIGHT ARROW]	78	X	18	9.750			1	1			MOUNT ON MAST ARM FACING EB STH 20 TRAFFIC
		[LEFT ARROW] PHILLIPS AVE	78	X	18	9.750				<u> </u>		115	MOUNT ON MAST ARM FACING WB STH 20 TRAFFIC
116	W11-2 (2S)		30	Χ	30		6.250		1	1	1		
116A	NOT USED		0.4	V	40		0.000			1		146	
117	W16-9P (2S)	CDEED LIMIT OF	24	X	12	F 000	2.000		_		_	116	MOUNT ON DOCT IN EDON'T OF DOLE
118	` '	SPEED LIMIT 25	24	X	30	5.000			1		1	110	MOUNT ON POST IN FRONT OF POLE
119	R7-1D (2S)		18	Х	24	3.000				<u> </u>		118	

SHEET 4 OF 14

Е SHEET: PROJECT NO: 2440-12-60 COUNTY: RACINE PERMANENT SIGNING QUANTITIES HWY:STH 20

2440-12-60 STH 20

						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		2440-12-00 3111 20
							33113				33 1133 13		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	X	Н	Н	F	H FOLDING	l II	SUP	2" X 2" X 16'	POST AS	
	0.0	MESSAGE											REMARKS / SIGN LOCATION
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REWARKS / SIGN LOCATION
120	R2-1 (2S)	SPEED LIMIT 25	24	Χ	30	5.000			1				MOUNT ON POLE
121	NOT USED												
122	NOT USED												
123	R1-1 (2M)		36	X	36	7.460			1	1	1		
124	11)1-65	VALLEY DR PHILLIPS AVE	36	Χ	30	7.500							MOUNT ON POLE
		NEXT SIGNAL											
125	R7-1D (2S)		18	X	24	3.000				4	4	124	MOUNT ON POLE WITH SIGN NO. 124
126	R7-1D (2S)		18	X	24	3.000			1	1	1		
127	R7-1D (2S)		18	X	24	3.000			1	1	1		011557.0.05.40
128	R7-1D (2S)		18	X	24	3.000			1	1	1		SHEET 9 OF 16
129	J4-1 (2S)		24	X	36	6.000			1				MOUNT ON POLE
	M3-2			4 x 12									
		WIS 20		4 x 24									
130	R1-1 (2M)		36	X	36	7.460			1	1	1		
131	W11-2 (2S)		30	X	30	6.250			1	1	1		
131A	W16-9P (2S)		24	X	12		2.000					131	
132	R7-1R (2S)		18	X	24	3.000						131	L
133	R7-1D (2S)		18	X	24	3.000			1				MOUNT ON POLE
133A	R7-1D (2S)		18	X	24	3.000				_	4		MOUNT ON POLE
134	R1-1 (2M)		36	X	36	7.460			1	1	1		
	R7-1R (2S)		18	X	24	3.000			1	1	1		
135A 136	R6-2R (2S)		24 24	X X	30	5.000			4		1		MOUNT ON POLE
130	J4-1 (2S) M3-4			X 4 x 12	36	6.000			1				INIOUNI ON POLE
		WIS 20		4 x 12 4 x 24									
136A	R6-2L (2S)			+ x 24		5.000					4		
136A 137	NOT USED		24	^	30	5.000					1		
137A			24	Х	120	20.000					1		
13/14	J2-2 (2S) M3-2			^ 4 x 12		20.000					'		
		WIS 20		4 x 12 4 x 24									
	M4-20L			+ x 24 4 x 24									
	M4-20L M4-5												
				4 x 12 4 x 24									
	M1-6B M4-20R												
	IVI4-ZUK			4 x 24	l								

SHEET 5 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

TYPE II SI	GNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
			_										
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	х	Н	н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
			[IN.]	х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
								' '	. ,	` '			
		ANN ST [ARROW] 14TH ST											
138	11 11-64	SECOND INTERSECTION	36	Χ	42	10.500					1		
138A		WIS 32							1	1			
139	NOT USED]			
140	NOT USED												
141	NOT USED												
142	NOT USED												
143	NOT USED												
144	R7-1D (2S)		18	Χ	24	3.000			1	1	1		SHEET 10 OF 16
145	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
146	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
147	R1-1F (2M)		36	Χ	36			7.460	1				MOUNT ON SIGNAL POLE
148	R7-1L (2S)		18	Χ	24	3.000			1				MOUNT ON POLE
149	R7-1D (2S)		18	Χ	24	3.000			1	1	1		
150	J3-1	WIS 32							1	1			
150A	JV3-1 (2S)		24	Χ	114	19.000					1		
	M3-2		24	x 12	2								
	M1-6	WIS 20	24	x 24	4								
	M6-2		21	x 2	1								
	M4-5		24	x 12	2								
	M1-6B		24	x 24	4								
	M6-2		21	x 2	1								
151	J3-1	WIS 20							1				
151A	R3-8F								1				
152	NOT USED												
153	R3-7R (3)		36	Χ	36	9.000							MOUNT ON SIGNAL POLE
154	` '	SPEED LIMIT 25	24	Χ	30	5.000			1				MOUNT ON POLE
155	R7-1D (2S)		18	Χ	24	3.000						154	MOUNT ON POLE BELOW SIGN NO. 154
	R7-201P		12	Χ	6	0.500						155	MOUNT ON POLE BELOW SIGN NO. 155
157	R3-2 (2S)		24	Χ	24	4.000			1	1	1		SHEET 11 OF 16
158	R4-7 (2S)		24	Χ	30	5.000			1	1	1		
	R3-4 (2S)		24	Х	24	4.000						158	MOUNT ON POST OPPOSITE SIGN NO. 158
159	W5-52L (2S)		12	X	36		3.000					158	
	W5-52L (2S)		12	X	36		3.000		1	1	1		
161	R3-4 (2S)		24	X	24	4.000						157	
162	NOT USED												

SHEET 6 OF 14

SHEET:

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FILE NAME N:\SPO\Operations\Traffic_Ops\Signing\Miscellaneous Quantities\2440-12-60\030502_mq.pptx

HWY:STH 20

PROJECT NO: 2440-12-60

PLOT DATE: 20 July 2017

COUNTY: RACINE

PLOT BY DHA_

PERMANENT SIGNING QUANTITIES

PLOT NAME: 030502_mq.pdf

PLOT SCALE: 1:1

		Г

TYPE II S	IGNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
		2007.102	[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
			[]		[]	[0.1]	[0.]	[0.]	[[=,	[=/ 1]		
		1				1			<u> </u>				
163	J3-1 (2S)		24	X	57	9.500			1	1	1		SHEET 10 OF 16
	M3-4	WID 00		4 x 1									
		WIS 20		4 x 2									
164	M6-2 NOT USED		2	1 x 2	: 1								
165	R4-7 (2S)		24	X	30	5.000						160	SHEET 11 OF 16
166	W5-52R		24	^	30	3.000	3.000					100	REMOVED WITH SIGN NO. 158
167	W12-1D (2S)		24	Χ	24		4.000		1	1	1		MOUNT HEIGHT 2 FT
168	R5-1 (2S)		30	X	30	6.250	4.000		'1	'			MOUNT ON POLE
169	R1-1F (2M)		36	X	36	0.230		7.460	'1				MOUNT ON SIGNAL POLE
170	R1-1F (2M)		36	X	36			7.460	1				MOUNT ON SIGNAL POLE
171	R1-1F (2M)		36	X	36			7.460	1				MOUNT ON SIGNAL POLE
172	R1-1 (2S)		36	X	36	7.460			1	1 1	1		
173	R3-2 (2S)		24	Χ	24	4.000			1	1	1		
174	R6-2R (2S)		24	Χ	30	5.000						173	
175	W10-1 (2S)		36	Х	36		7.070		1		1		MOUNT ON POST IN FRONT OF PHONE POLE
176	R3-4 (2S)		24	Χ	24	4.000			1	1	1		
177	R4-7 (2S)		24	Χ	30	5.000						176	
178	R2-1 (2S)	SPEED LIMIT 30	24	Χ	30	5.000			1		1		MOUNT ON POST IN FRONT OF PHONE POLE;
													SHEET 10 OF 16
179	R7-1L (2S)		18		24	3.000			1 1				MOUNT ON POLE; SHEET 10 OF 16
180	R1-2 (2S)		36	X	31	3.880			1			400	MOUNT ON POLE; SHEET 11 OF 16
181	R5-1 (2S)		30	X	30	6.250							MOUNT ON POLE OPPOSITE SIGN NO. 180
182	R3-4 (2S)		24	X	24	4.000					_	160	011557.40.05.40
183	R7-1R (2S)		18	X	24	3.000			1	1 1	1		SHEET 10 OF 16
184	R5-1 (2S)		30	X	30	6.250			1	1	1		SHEET 11 OF 16
185 186	R5-1 (2S)		30	X	30	6.250 4.000			1 1	1 1	1		SHEET 10 OF 16
186	R3-2 (2S)		24 12	X X	24 36	4.000	3.000		'	'	'		SHEET 10 OF 16 SHEET 10 OF 16
188	W5-52L (2S) W5-52L (2S)		12	X	36		3.000						SHEET 11 OF 16
189	R4-7 (2S)		24	X	30	5.000	3.000						SHEET 10 OF 16
190	R4-7 (2S)		24	X	30	5.000						157	SHEET 11 OF 16
190	R3-4 (2S)		24	X	30 24	4.000						160	
191	J4-1 (2S)		24	X	36	6.000			1	1 1	1		SHEET 10 OF 16
102	M3-2			4 x 1		3.000				'			
		WIS 20		4 x 2									
		1				1	<u> </u>	1	1			1	

SHEET 7 OF 14

Е SHEET: PROJECT NO: 2440-12-60 COUNTY: RACINE PERMANENT SIGNING QUANTITIES HWY:STH 20

2440-12-60 STH 20

		1	1			637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
		WEGG/16E	[IN.]	х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]		REMARKS / SIGN LOCATION
			[]	^	[]	[01]	[01]	[0,]		[=/1]	[=/\]		INCINITION OF THE PROPERTY OF
193	R1-1F (2M)		36	Х	36			7.460	1				MOUNT ON SIGNAL POLE
194	R2-1 (2S)	SPEED LIMIT 25	24	Χ	30	5.000			1				MOUNT ON POLE; SHEET 10 OF 16
195	J3-1 (2S)		24	Χ	57	9.500			1	1	1		SHEET 10 OF 16
	M3-4		24	1 x 12	2								
	M1-6	WIS 20	24	1 x 24	1								
	M6-2		21	x 21	1								
	NOT USED												
	R7-1L (2S)		18	Χ	24	3.000						195	SHEET 10 OF 16
198	NOT USED												
	D1-64	ANN ST SECOND INTERSECTION	36	Χ	30	7.500				1	1		SHEET 10 OF 16
	` ,	SPEED LIMIT 25	24	Χ	30	5.000			1				SHEET 12 OF 16; MOUNT ON POLE
	NOT USED												
	NOT USED												
	NOT USED												
	NOT USED												
	W10-2 (2S)		36	X	36		9.000		1	_	_		MOUNT ON POLE
	R7-1R (2S)		18	X	24	3.000			1	1	1		
	R7-1L (2S)		18	X	24	3.000			1	1	1		
	R7-1R (2S)		18	X	24	3.000 7.460				1	1		
	R1-1 (2M) W10-1 (2S)		36 36	X	36 36	7.400	7.070		1	I	1		MOUNT ON POST IN FRONT OF PHONE POLE
	R1-1 (2M)		36	X	36	7.460	7.070		'1	1	1		INCOME OF INTRODUCTION TO THOM TOLL
	R7-1R (2S)		18	X	24	3.000			1 1	'	1		MOUNT ON POST IN FRONT OF PHONE POLE
	W10-1 (2S)		36	X	36		7.070		1	1	1		3 3 3 3 3
	R7-1L (2S)		18	X	24	3.000						213	
	NOT USED												
	R7-1R (2S)		18	Χ	24	3.000			1	1	1		
	NOT USED												
218	R7-1L (2S)		18	Χ	24	3.000			1	1	1		
219	NOT USED												
220	R7-1L (2S)		18	Χ	24	3.000			1	1	1		
221	NOT USED												
222	W10-2 (2S)		36	Х	36		9.000		1		1		SHEET 13 OF 16; MOUNT ON POST IN FRONT OF PHONE POLE

SHEET 8 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

2

TYPE II S	IGNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
	3. 3.==	WESSAGE	[IN.]	x	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]		REMARKS / SIGN LOCATION
			["".]	^	[114.]	[01]	[01]	[01]			[EA]	01011#	INEMARKO / GIGN EGOATION
223	R7-1D (2S)		18	Х	24	3.000						222	
224	D1-61	12TH ST [DOUBLE ARROWS]	36	Χ	24	6.000							MOUNT ON POLE
225	R7-1R (2S)		18	Χ	24	3.000						224	MOUNT ON POLE WITH SIGN NO. 224
226	R2-1 (2S)	SPEED LIMIT 25	24	Χ	30	5.000						224	MOUNT ON POLE WITH SIGN NO. 224
227	R7-1D (2S)		18	X	24	3.000			1	1	1		
228	R7-1D (2S)		18	X	24	3.000			1	1	1		
229	J4-1 (2S)		24	X	36	6.000			1		1		MOUNT ON POST IN FRONT OF POWER POLE
	M3-4	W// 00		x 1:									
000	M1-6	WIS 20		x 2				7 400	_				MOUNT ON GIONAL POLE
230	R1-1F (2M)		36	X	36	2,000		7.460	1	4	1		MOUNT ON SIGNAL POLE
231	R7-1D (2S) R1-1F (2M)		18 36	X	24 36	3.000		7.460	1	ı	ı		MOUNT ON SIGNAL POLE
232	M1-94H	12TH ST	42	X	30 18	5.250		7.400	1				MOUNT ON MAST ARM
234	M1-94H	12TH ST	42	X	18	5.250			1				MOUNT ON MAST ARM
235	R1-1F (2M)	1211101	36	X	36	0.200		7.460	1				MOUNT ON SIGNAL POLE
236	R3-4 (2S)		24	X	24	4.000		7.100				235	MOUNT ON SIGNAL POLE OPPOSITE SIGN NO. 235
236A	R3-4 (2S)		24	X	24	4.000			1				MOUNT ON SIGNAL POLE
237	W10-1 (2S)		36	Χ	36		7.070		1		1		MOUNT ON POST IN FRONT OF POWER POLE
238	R1-1F (2M)		36	Χ	36			7.460				236A	MOUNT ON SIGNAL POLE OPPOSITE SIGN NO. 236A
239	W10-1 (2S)		36	Χ	36		7.070		1				MOUNT ON SIGNAL POLE
240	R7-1R (2S)		18	Χ	24	3.000			1				MOUNT ON POLE
241	J4-1 (2S)		24	Χ	36	6.000						240	MOUNT ON POLE WITH SIGN NO. 240
	M3-2			x 1									
	M1-6	WIS 20	24	x 2	4								
242	NOT USED												
243	J1-1 (2S)		24	X	39	6.500			1	1	1		
	M2-1			x 1									
044	M1-6B	AOTH OT IDOUBLE ADDOUG	<u> </u>	x 2		0.000					4		011557.44.05.40
244	D1-61	12TH ST [DOUBLE ARROWS]	36	X	24	6.000	0.000				1		SHEET 14 OF 16
245 246	W10-2 (2S) NOT USED		36	Χ	36		9.000		1				MOUNT ON POLE
246	NOT USED												
247	NOT USED												
270	THO! OOLD		<u>I</u>			1	l	l .	<u> </u>	<u> </u>		<u> </u>	1

SHEET 9 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

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2440-12-60 STH 20

SIGN SIGN SIGN SIGN TYPE II TYPE I					637.2210	637.2230	637.2215	638,2602	638.3000	634.0816		2440-12-00 3111 20
SIGN					007.22.10	007.2200	00712210	000.2002	000.000	00410010		
SIGN SIGN SIGN SIGN SIGN SIGN TYPE II TY												
SIGN CODE NO. SIGN MESSAGE W X H H H F F HOLDING [IST] TYPE SIGN STEEL ON SAME POST AS SIGN FEMARKS / SIGN LOCATION					SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
SIGN CODE NO. SIGN MESSAGE W X H H H F F HOLDING [IST] TYPE SIGN STEEL ON SAME POST AS SIGN FEMARKS / SIGN LOCATION		SIGN		SIGN	TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
NO. & SIZE MESSAGE W X H IF F FOLDING [EA] [EA]	SIGN	CODE	CION	SIZE								
Institute Inst												
249 3/4-1 H-94 WIS 20	INO.	& SIZE	MESSAGE									
250				[IN.] x [IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
250												
M3-4	249	JV4-1	IH 94 WIS 20					1				
M1-6	250	JV4-1 (2S)		24 X 72	12.000							MOUNT ON POLE
MB4-5		M3-4		24 x 12								
M1-1		M1-6	WIS 20	24 x 24								
251 NOT USED 252 NOT USED 253 R1-1F (ZM) 254 X 57 9.500 254 X 12 24 X 12 24 X 12 24 X 12 24 X 12 255 X1-1F (ZM) X1-1F		MB4-5		24 x 12								
252 NOT USED S X 36 X 36 T,460 1 MOUNT ON POLE		M1-1	IH 94	24 x 24								
253												
254 J1-1												
254 A J3-1 (2S)				36 X 36			7.460	1				
M3-1			WIS 32									
M1-6B M6-1	254A	` '			9.500						253	MOUNT ON POLE WITH SIGN NO. 253
M6-1												
255 W1-7 (2S)												
256 J4-1 (2S)		+										
M3-3		` '				8.000		1 :		1		
M1-6B M1-93	256				10.000			1				IMOUNT ON POLE
M1-93												
257 NOT USED 258 R3-1 (2S) 259 R1-1 (2M) 36 X 36 7.460 1 1 1 260 R3-50R (2S) 261 R1-0-7 (2S) 262 R10-11B (2S) 262 R10-11B (2S) 263 R10-10L (2S) 263 R10-10L (2S) 264 X 30 265 R10-10A (2S) 265 R10-10A (2S) 266 NOT USED 267 R10-11B (2S) 268 R3-1 (2S) 269 R10-11B (2S) 260 MOUNT ON SIGNAL POLE 261 MOUNT ON SIGNAL POLE 262 MOUNT ON POLE WITH SIGN NO. 264 263 R10-10L (2S) 264 R10-10L (2S) 265 R10-10A (2S) 266 MOUNT ON MAST ARM 267 R10-10L (2S) 268 R10-10B (2S) 269 R10-10B (2S) 269 R10-10B (2S) 260 MOUNT ON MAST ARM 260 MOUNT ON MAST ARM 261 MOUNT ON MAST ARM 262 R10-10B (2S) 263 R10-10B (2S) 264 R10-10B (2S) 265 R10-10B (2S) 266 MOUNT ON MAST ARM WITH SIGN NO. 264 266 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 268 R3-18 (2S) 269 MOUNT ON MAST ARM WITH SIGN NO. 264 260 MOUNT ON MAST ARM WITH SIGN NO. 264 260 MOUNT ON MAST ARM WITH SIGN NO. 264 260 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 264 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 264												
258 R3-1 (2S) 24	257			24 X 24								
259 R1-1 (2M) 36				24 Y 24	4 000			1				MOLINIT ON SIGNAL BOLE
260 R3-50R (2S) 30 X 36 7.500 1 260 MOUNT ON POLE								1	1	1		MOONT ON SIGNAL FOLL
261 R10-7 (2S) 24 X 30 5.000 260 MOUNT ON POLE WITH SIGN NO. 260 262 R10-11B (2S) 24 X 24 4.000 1 MOUNT ON SIGNAL POLE 262A M1-94S WIS 32 RACINE ST [RT ARW] 78 X 18 9.750 1 MOUNT ON MAST ARM 263 R10-10L (2S) 24 X 30 5.000 1 MOUNT ON SIGNAL POLE OPPOSITE SIGN NO. 258 264 R10-10L (2S) 24 X 30 5.000 1 MOUNT ON MAST ARM 265 R10-10A (2S) 24 X 30 5.000 1 264 MOUNT ON MAST ARM WITH SIGN NO. 264 266 NOT USED 24 X 30 5.000 1 264 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 24 X 24 4.000 1 4 4.000 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 1 267 MOUNT								'	'	'		MOLINT ON POLE
262 R10-11B (2S) 24 X 24 4.000 1								'				
262A M1-94S WIS 32 RACINE ST [RT ARW] 78 X 18 9.750 1 258 MOUNT ON MAST ARM								1				
263 R10-10L (2S) 24 X 30 5.000 258 MOUNT ON SIGNAL POLE OPPOSITE SIGN NO. 258 263A NOT USED 264 R10-10L (2S) 24 X 30 5.000 1 MOUNT ON MAST ARM MOUNT ON MAST ARM WITH SIGN NO. 264 265 R10-10A (2S) 24 X 30 5.000 1 264 MOUNT ON MAST ARM WITH SIGN NO. 264 266 NOT USED 266 M1-94S [LEFT ARW] WIS 32 RACINE ST 78 X 18 9.750 264 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 26		, ,	 WIS 32 RACINE STIRT ARWI					1				
263A NOT USED 264 R10-10L (2S) 24 X 30 5.000 1 MOUNT ON MAST ARM 265 R10-10A (2S) 24 X 30 5.000 1 264 MOUNT ON MAST ARM WITH SIGN NO. 264 266 NOT USED 266 NOT USED 267 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 269												
264 R10-10L (2S) 24 X 30 5.000 1 MOUNT ON MAST ARM 265 R10-10A (2S) 24 X 30 5.000 1 264 MOUNT ON MAST ARM WITH SIGN NO. 264 266 NOT USED 268 M1-94S [LEFT ARW] WIS 32 RACINE ST 78 X 18 9.750 264 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 24 X 24 4.000 1 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 269	-	, ,										2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
265 R10-10A (2S) 24 X 30 5.000 264 MOUNT ON MAST ARM WITH SIGN NO. 264 266 NOT USED 267 R10-11B (2S) R10-11B (2S) 264 MOUNT ON MAST ARM WITH SIGN NO. 264 267 R10-11B (2S) 24 X 24 4.000 1 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 267				24 X 30	5.000			1				MOUNT ON MAST ARM
266 NOT USED 266A M1-94S [LEFT ARW] WIS 32 RACINE ST 78 X 18 9.750 267 R10-11B (2S) 268 R3-18 (2S) 24 X 24 4.000 1 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 267												
267 R10-11B (2S) 24 X 24 4.000 1 1 MOUNT ON SIGNAL POLE 268 R3-18 (2S) 24 X 24 4.000 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 26												
268 R3-18 (2S) 24 X 24 4.000 267 MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 26	266A	M1-94S	[LEFT ARW] WIS 32 RACINE ST	78 X 18	9.750						264	MOUNT ON MAST ARM WITH SIGN NO. 264
	267	R10-11B (2S)		24 X 24	4.000			1				MOUNT ON SIGNAL POLE
269 R7-1R (2S) 18 X 24 3.000 1 1 1 1 1 1 1	268	R3-18 (2S)		24 X 24	4.000						267	MOUNT ON SIGNAL POLE ALONGSIDE SIGN NO. 26
	269	R7-1R (2S)		18 X 24	3.000			1	11	1		

SHEET 10 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

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TYPE II S	IGNING -										2440-12-60 STH 20
				637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
				SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	CICN		CION							MOUNT	
	SIGN		SIGN	TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN	SIZE	REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W x H	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
			[IN.] x [IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
269A	R1-1F (2M)		36 X 36			7.460				267	MOUNT ON SIGNAL POLE WITH SIGN NO. 267
270	NOT USED		J 50 X 50			7.400				207	INCOM ON GIGINAL FOLL WITH GIGIN NO. 207
270A	R1-1F (2M)		36 X 36			7.460				262	MOUNT ON SIGNAL POLE WITH SIGN NO. 262
271	R2-1 (2S)	SPEED LIMIT 25	24 X 30	5.000			1	1	1		
272	J3-1 (2S)		24 X 57	9.500			1				MOUNT ON POLE
	M3-3		24 x 12								
	M1-6B		24 x 24								
	M6-2		21 x 21								
273	R7-1D (2S)		18 X 24	3.000							MOUNT ON POLE BELOW SIGN NO. 272
274	R3-7L (3)		36 X 36	9.000							MOUNT ON POLE BELOW SIGN NO. 272
275	R1-1 (2M)		36 X 36	7.460			1	4	1		MOUNT ON POST IN FRONT OF POWER POLE
276	R7-1L (2S)		18 X 24	3.000			1	1	1		SHEET 15 OF 16
277 278	NOT USED JV4-1 (2S)		24 X 72	12.000			1	1	1		
210	M3-2		24 × 12	12.000			'	'	1		
	M1-6	WIS 20	24 x 24								
	M3-1	11.0 20	24 x 12								
	M1-6B		24 x 24								
279	R7-1D (2S)		18 X 24	3.000						278	
279A	M1-93 (2S)		24 X 24	4.000						278	
280	R7-1D (2S)		18 X 24	3.000			1	1	1		
281	R7-1D (2S)		18 X 24	3.000			1				MOUNT ON POLE
282	J2-1 (2S)		24 X 57	9.500							MOUNT ON POLE
	M3-3		24 x 12								
	M1-6B		24 x 24								
202	M5-2L		21 x 21	2 000			1			282	MOUNT ON POLE WITH SIGN NO. 282
283 284	R7-1D (2S) JV2-1	WIS 32	18 X 24	3.000			1			202	REMOVED WITH SIGN NO. 283
285	R3-8E (2S)	VV IO 02	36 X 30	7.500			1		1		MOUNT ON POST IN FRONT OF PHONE POLE
286	R3-7L (3)		36 X 36	9.000					,	285	The second secon
287	R1-1 (2M)		36 X 36	7.460			1	1	1		
288	J2-1 (2S)		24 X 60	10.000			1				MOUNT ON POLE
	M3-3		24 x 12								
	M1-6B		24 x 24								
	M4-20L		24 x 24								

SHEET 11 OF 14

Е SHEET: PROJECT NO: 2440-12-60 COUNTY: RACINE PERMANENT SIGNING QUANTITIES HWY:STH 20

2440-12-60 STH 20

						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN	STEEL	ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
		W.E.GO.Y.GE	[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN #	REMARKS / SIGN LOCATION
			[]		[]	[5.]	[0.]	[5.]	[=/.]	[=]	[=/ .]	0.0	
289	R1-1 (2M)		36	X	36	7.460			1		1		MOUNT ON POST IN FRONT ON PHONE POLE
290	NOT USED		30	^	30	7.400			'		'		MOONT ON TOOT IN TRONT ON THORE TOLE
291	NOT USED												
		S MARQUETTE ST USE LEFT							_				
292	SP	LANE							1				
293	R3-2 (2S)		24	X	24	4.000			1	1	1		
294	JV4-1 (2S)		24	X	96	16.000					1		
	M3-4			4 x 12									
		WIS 20		4 x 24									
	M3-3			4 x 12									
	M1-6B			24 x 24									
205	M1-93	SPEED LIMIT 25		24 x 24 X		F 000			1				CLIFFT 16 OF 16: MOUNT ON DOLF
295 296	R2-1 (2S) R7-1D (2S)	SPEED LIIVIII 25	24 18	X	30 24	5.000 3.000			1				SHEET 16 OF 16; MOUNT ON POLE MOUNT ON POLE BELOW SIGN NO. 295
296	R3-2 (2S)		24	X	24 24	4.000			1	1	1		SIGN SHOULD FACE DRIVEWAY EGRESS TRAFFIC
298	R7-1D (2S)		18	X	24	3.000			'	'	'		SIGN TO FACE STH 20
299	JV4-1 (2S)		24	X	72	12.000			1				MOUNT ON SIGNAL POLE
200	M3-1			.4 x 12		12.000							
	M1-6B			4 x 24									
	M3-2			24 x 12									
	M1-6	WIS 20	2	4 x 24	1								
299A	M1-94H	WASHINGTON AVE							1				REMOVAL FROM MAST ARM
300	R7-1D (2S)		18	X	24	3.000						299	MOUNT ON SIGNAL POLE WITH SIGN NO. 299
300A	11/11_0/15	WIS 20 WIS 32 WASHINGTON AVE	102	X	18	12.750							MOUNT ON MAST ARM
301	W12-1D (2S)		24	Χ	24		4.000		1	1	1		MOUNT HEIGHT 2 FT
302	R3-7L (3)		36	Х	36	9.000			1				MOUNT ON SIGNAL POLE
303	R1-1F (2M)		36	Χ	36			7.460				302	MOUNT ON SIGNAL POLE WITH SIGN NO. 302
304	R5-1 (2S)		30	Χ	30	6.250			1				MOUNT ON SIGNAL POLE
305	R5-1 (2S)		30	Χ	30	6.250			1	1	1		
305A	R3-3 (2S)		24	Х	24	4.000							MOUNT ON SIGNAL POLE OPPOSITE SIGN NO. 304
306	R7-1D (2S)		18	X	24	3.000				_	_	305	
307	R4-7 (2S)		24	X	30	5.000			1	1 1	1		
308	R1-1 (2M)		36	X	36	7.460			1 .	1	1		
309	R3-17 (2S)		30	X	24	5.000			1	1	1	000	
310	R3-17AP (2S)		30	X	12	2.500						309	

SHEET 12 OF 14

PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

TYPE II SI	IGNING -												2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
0.01.													
SIGN	CODE	SIGN		SIZE		REFLECTIVE	REFLECTIVE	REFLECTIVE	TYPE	SIGN		ON SAME	
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	II	SUP	2" X 2" X 16'	POST AS	
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
310A	J4-1 (2S)		24	Х	36	6.000						309	
	MK3-1		2	4 x 1:									
	M1-93		2	4 x 2	4								
311	R3-2 (2S)		24	Χ	24	4.000						307	MOUNT ON POST OPPOSITE SIGN NO. 307
312	R1-1F (2M)		36	Х	36			7.460	1				MOUNT ON SIGNAL POLE
313	R10-11B (2S)		24	X	24	4.000			1				MOUNT ON SIGNAL POLE
314	R4-7 (2S)		24	X	30	5.000			1	1	1		
315	R10-11B (2S)	ITH T A DVA/I O MAA DOLLETTE OT	24	X	24	4.000			1				MOUNT ON MACE ARM FACING FROM LOCATION
315A 316	M1-94H R1-1F (2M)	[TILT ARW] S MARQUETTE ST	90 36	X X	18 36	11.250		7.460	1				MOUNT ON MAST ARM FACING EB STH 20 TRAFFIC MOUNT ON SIGNAL POLE
317	R10-11B (2S)		24	X	24	4.000		7.460	I I				MOUNT ON SIGNAL POLE WITH SIGN NO. 316
318	R4-7 (2S)		24	X	30	5.000			1	1	1	310	INCOM CICIAL FOLL WITH CICIANO. 510
319	R1-1 (2S)		30	X	30	5.180			1		1		MOUNT ON POST IN FRONT OF PHONE POLE
320	R7-1D (2S)		18	Χ	24	3.000						319	
321	R1-1 (2S)		30	Χ	30	5.180			1	1	1		
322	R7-1D (2S)		18	Χ	24	3.000						321	
323	R10-7 (2S)		24	Χ	30	5.000			1				MOUNT ON POLE
324	R5-1 (2S)		30	Χ	30	6.250			1	1	1		
325	R5-1 (2S)		30	X	30	6.250			1	1	1		
326	R5-1 (2S)		30	X	30	6.250					1		
327 328	NOT USED NOT USED												
329	NOT USED												
330	NOTUSED												
331	D1-1	[LEFT ARROW] RACINE ST	36	Χ	21	5.250			1				MOUNT ON POLE
332	R2-1 (2S)	SPEED LIMIT 25	24	Х	30	5.000						331	MOUNT ON POLE WITH SIGN NO. 331
333	NOT USED												
334	R3-7L (3)		36	Χ	36	9.000							MOUNT ON POLE WITH SIGN NO. 295
335	R3-7L (3)		36	Х	36	9.000					1		SHEET 15 OF 16
336		MARQUETTE ST NEXT SIGNAL	36	X	30	7.500							SHEET 15 OF 16; MOUNT ON POLE W/ SIGN NO. 281
337		9TH ST MARQUETTE ST [ARW]	36	X	30	7.500							SHEET 16 OF 16; MOUNT ON POLE
338	R10-7	DO NOT BLOCK INTERSECTION AT 9TH ST							1				
339	R3-53R (3)		24	Χ	30	5.000							MOUNT ON POLE

SHEET 13 OF 14

Е SHEET: PROJECT NO: 2440-12-60 COUNTY: RACINE PERMANENT SIGNING QUANTITIES HWY:STH 20

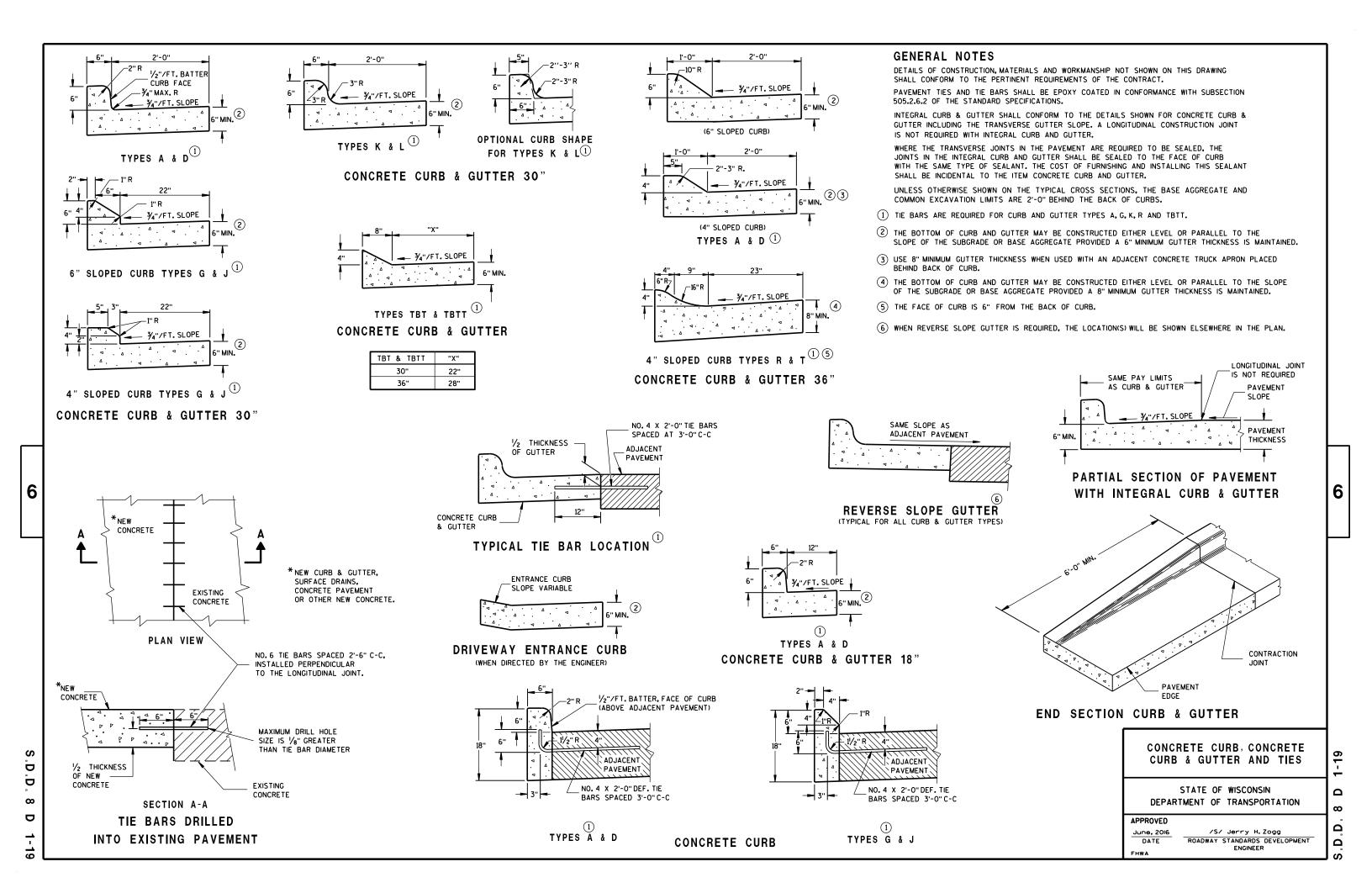
	IGNING -	T	1			627 2240	627 2220	C27 224 E	C20 2C02	C20 2000	C24 004C	1	2440-12-60 STH 20
						637.2210	637.2230	637.2215	638.2602	638.3000	634.0816		
						SIGNS	SIGNS	SIGNS	REM	REM	POSTS		
	SIGN			SIGN		TYPE II	TYPE II	TYPE II	SIGNS	SMALL	TUBULAR	MOUNT	
SIGN	CODE			SIZE						SIGN	STEEL	ON SAME	
		SIGN				REFLECTIVE	REFLECTIVE						
NO.	& SIZE	MESSAGE	W	Х	Н	Н	F	H FOLDING	l II	SUP	2" X 2" X 16'		
			[IN.]	Х	[IN.]	[SF]	[SF]	[SF]	[EA]	[EA]	[EA]	SIGN#	REMARKS / SIGN LOCATION
340	R10-7 (2S)		24	X	30	5.000					1		
341	R3-7R (3)		36	Χ	36	9.000							SHEET 14 OF 16; MOUNT ON POLE
341A	J1-1 (2S)		24	Χ	39	6.500						341	SHEET 14 OF 16; MOUNT ON POLE W/ SIGN NO. 3
	M2-1			1 x 1									
	M1-6	WIS 20	1	4 x 2									
342	JV2-1 (2S)		24	X	96	16.000							SHEET 14 OF 16; MOUNT ON POLE
	M3-2	WIG 00		4 x 1									
	M1-6 M3-1	WIS 20		4 x 2 4 x 1									
	M1-6B			4 x 1									
	M4-20L			4 x 2									
342A	JV3-1(2S)		24	X	93	15.500					1		SHEET 14 OF 16
	M3-2			4 x 1									
	M1-6	WIS 20	24	4 x 2	4								
	M3-1		24	4 x 1	2								
	M1-6B		24	4 x 2	4								
	M6-1		2	1 x 2	1								
343	M1-94H	WASHINGTON AVE							1				SHEET 13 OF 16
343A	M1-94H	WASHINGTON AVE							1				SHEET 13 OF 16
344	M1-94S	WIS 20 WASHINGTON AVE	96	X	18	12.000							SHEET 13 OF 16; MOUNT ON MAST ARM
345	M1-94S NOT USED	WIS 20 WASHINGTON AVE	96	Х	18	12.000							SHEET 13 OF 16; MOUNT ON MAST ARM
346 347	W5-54 (2S)		18	X	18		2.250					4	SHEET 1 OF 16; MOUNT HEIGHT 4 FT
348	R9-3A(2S)		18	X	18	2.250	2.230				1		SHEET 16 OF 16
348A	R9-3BL(2S)		18	X	12	1.500					•		SHEET 16 OF 16
	TRIBUTED	!									1		
	TOTALS					1293.610	220.850	179.040	185	82	117		

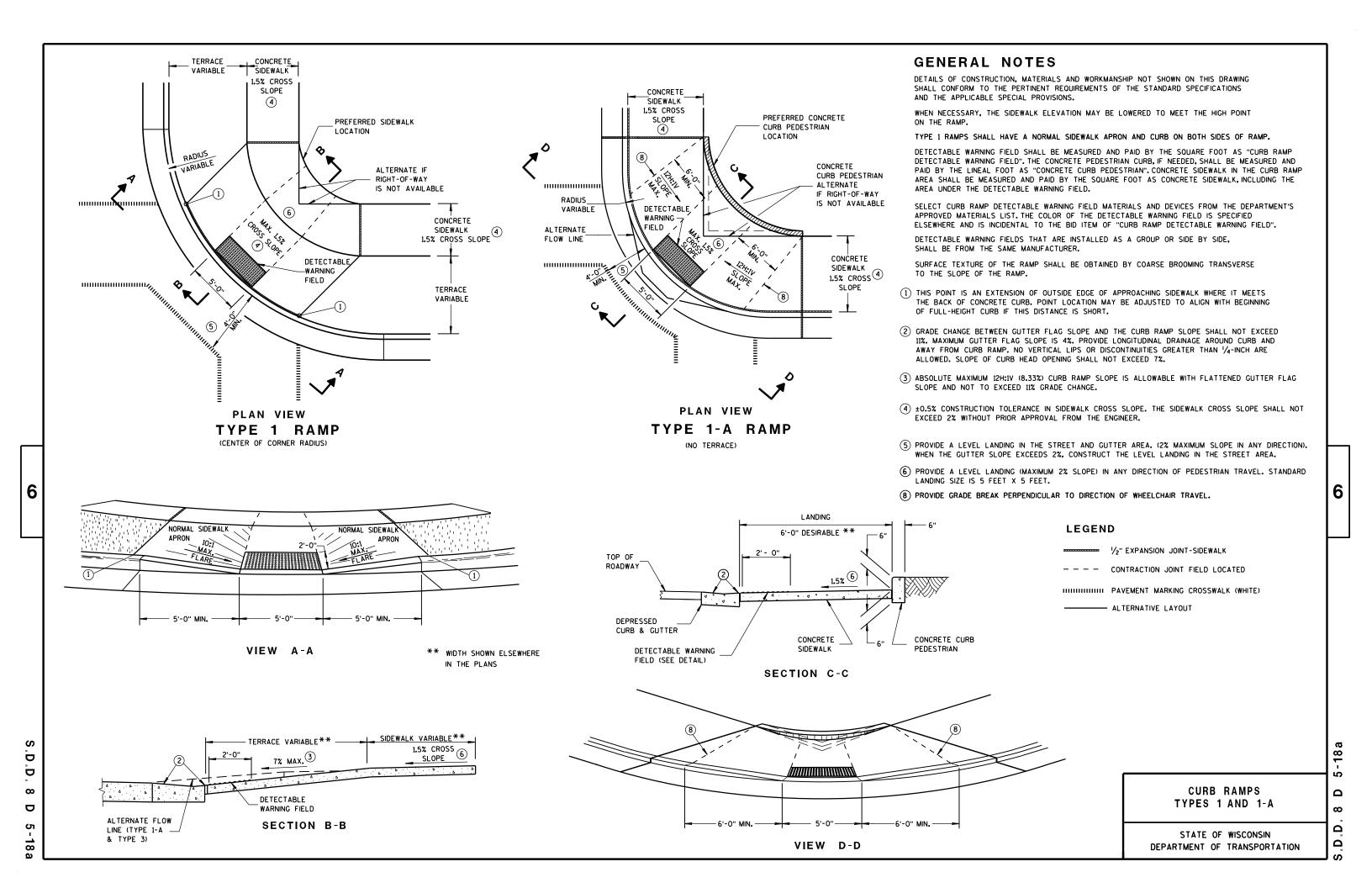
SHEET 14 OF 14

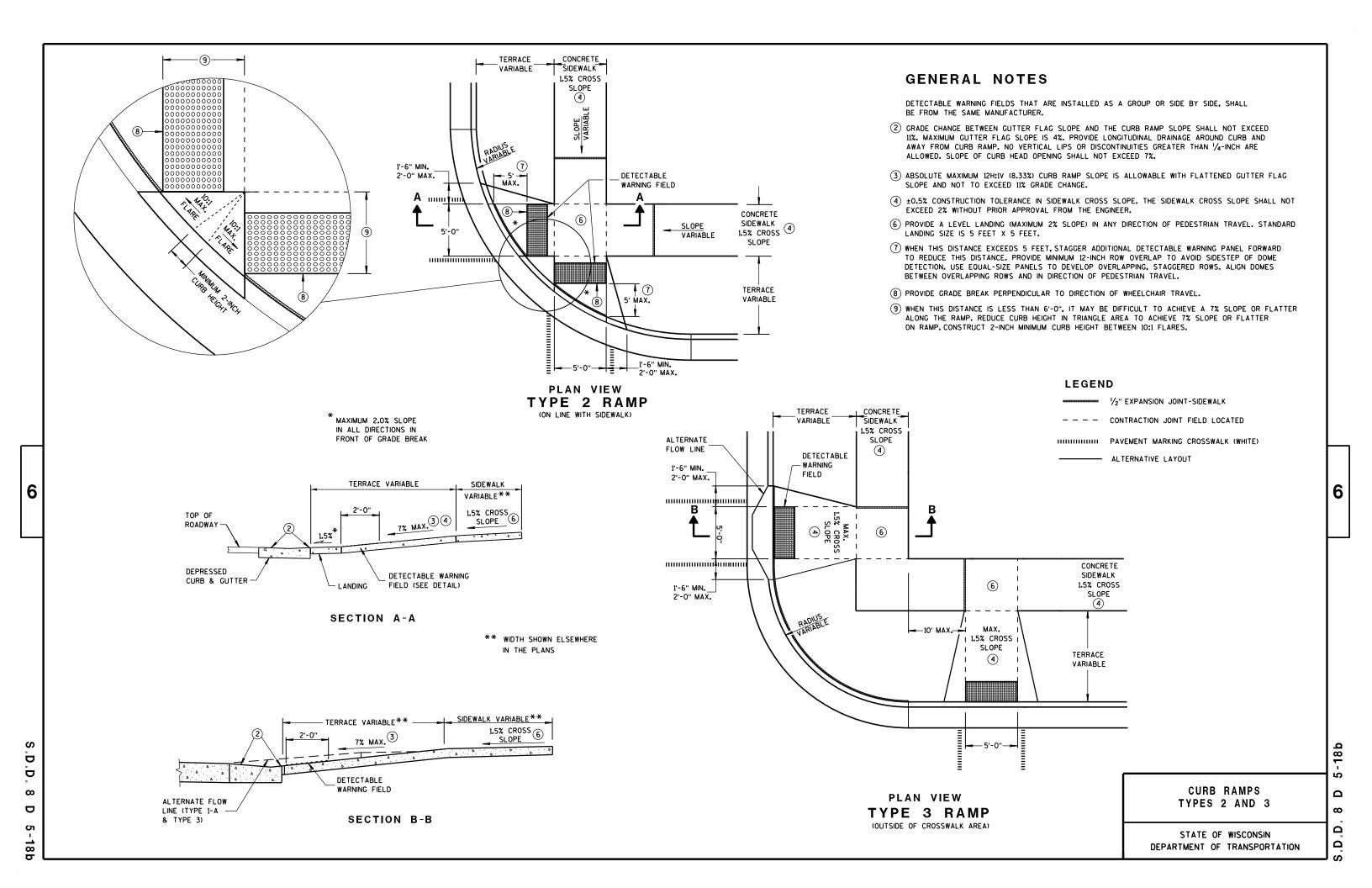
PROJECT NO: 2440-12-60 HWY:STH 20 COUNTY: RACINE PERMANENT SIGNING QUANTITIES SHEET: **E**

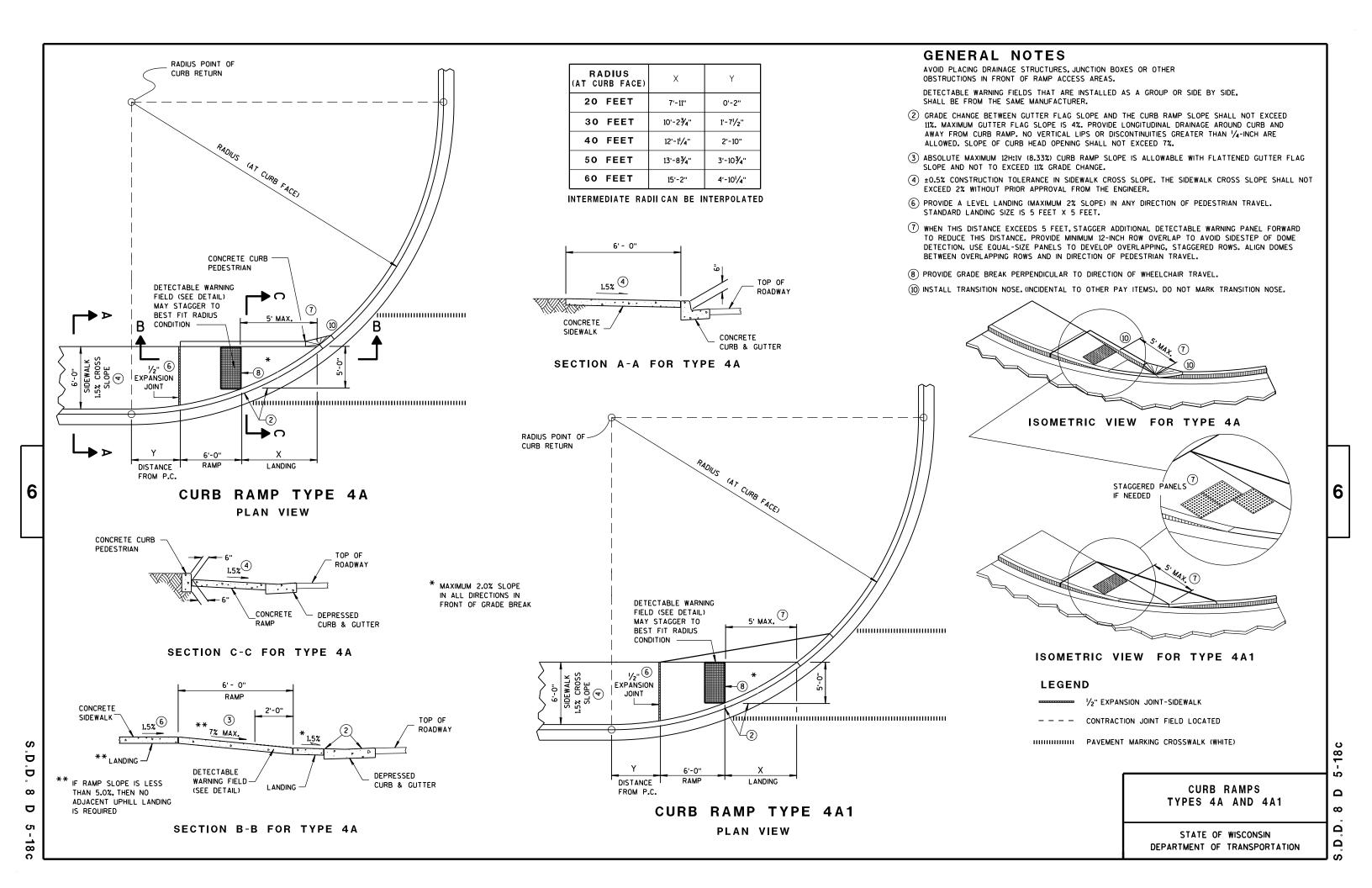
Standard Detail Drawing List

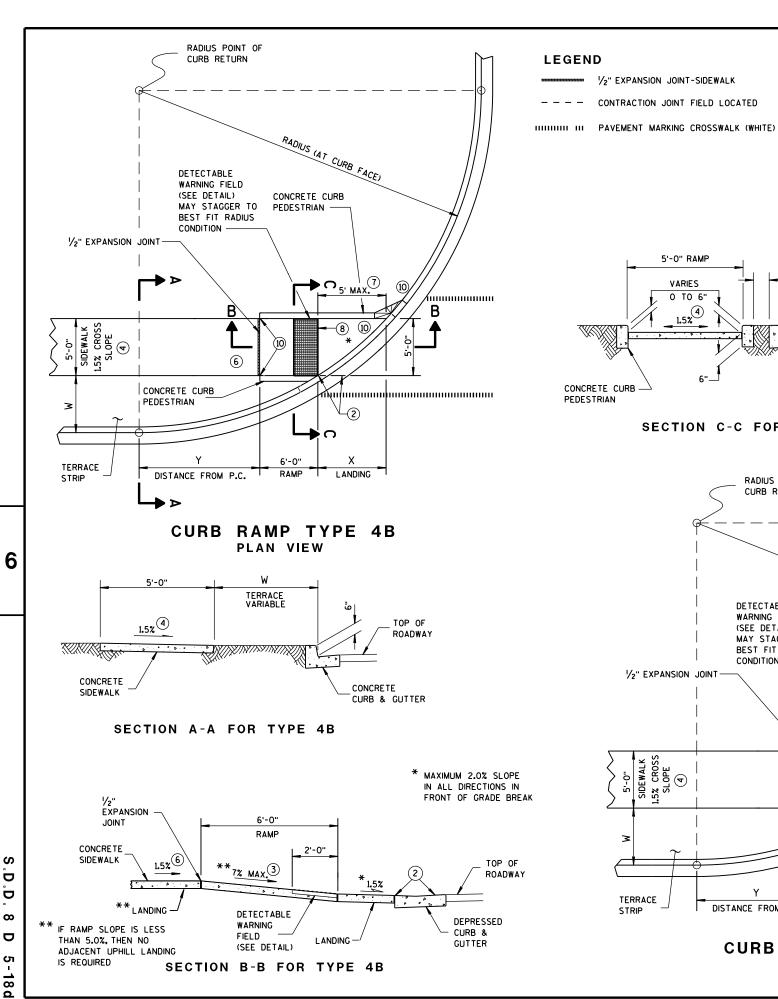
08D01-19	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-18A	CURB RAMPS TYPES 1 AND 1-A
08D05-18B	CURB RAMPS TYPES 2 AND 3
08D05-18C	CURB RAMPS TYPES 4A AND 4A1
08D05-18D	CURB RAMPS TYPE 4B AND 4B1
08D05-18E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUI T
09F10-04	LOOP DETECTOR INSTALLED IN EXISTING OR NEW ASPHALTIC PAVEMENT WITH NEW ASPHALTIC OVERLAY
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C09-10A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C18-03	MEDIAN ISLAND MARKING
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C34-02	STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKER, TYPE 2
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-04	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D22-03	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-01A	TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS
15D38-01B	ATTACHMENT OF SIGNS TO POSTS











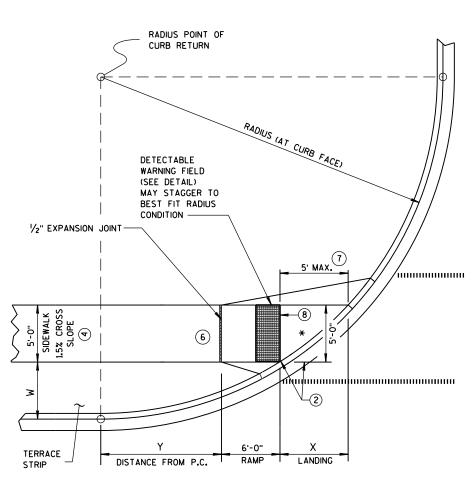
W = 5' - Ø" 7' - Ø" 3' - Ø" W = 4' - Ø" W = 6' - 0" RADIUS AT CURB FACE 20 FEET 3'-8¾" 7'-6¾" 3'-61/2" 4'-111/2" 6'-51/2" 8'-61/4" 5'-9¾" 5'-1¾" 4'-31/4" 3'-3" 30 FEET 5'-101/2" 6'-91/2" 7'-11'/4" 6'-0'/4" 12'-5¾" 11'-13/4' 40 FEET 12'-33/4" 14'-1'/4" 15'-81/2" 50 FEET 9'-61/2" 9'-51/2" 12'-31/4" 8'-61/2" 14'-71/2" 7'-9¾" 16'-81/4" 7'-21/2" 18'-6'/4" 60 FEET 11'-10'/4'' 11'-0¾" 10'-61/2" 14'-1'/4" 9'-61/2" 16'-81/2" 8'-9'/4" 18'-11¾" 8'-1'/2" 21'-0'/2"

GENERAL NOTES

INTERMEDIATE RADII CAN BE INTERPOLATED

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

- (2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.
- (3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- 4 ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- (6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.
- (7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.
- (8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- (10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



TERRACE STRIP

VARIES O TO W

CONCRETE

CURB & GUTTER

TOP OF

ROADWAY

5'-0" RAMP

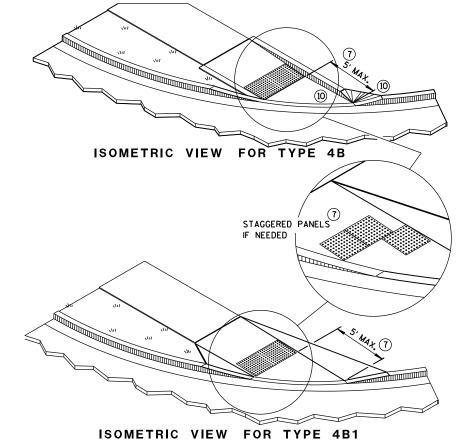
VARIES

0 TO 6"

1.5%

SECTION C-C FOR TYPE 4B

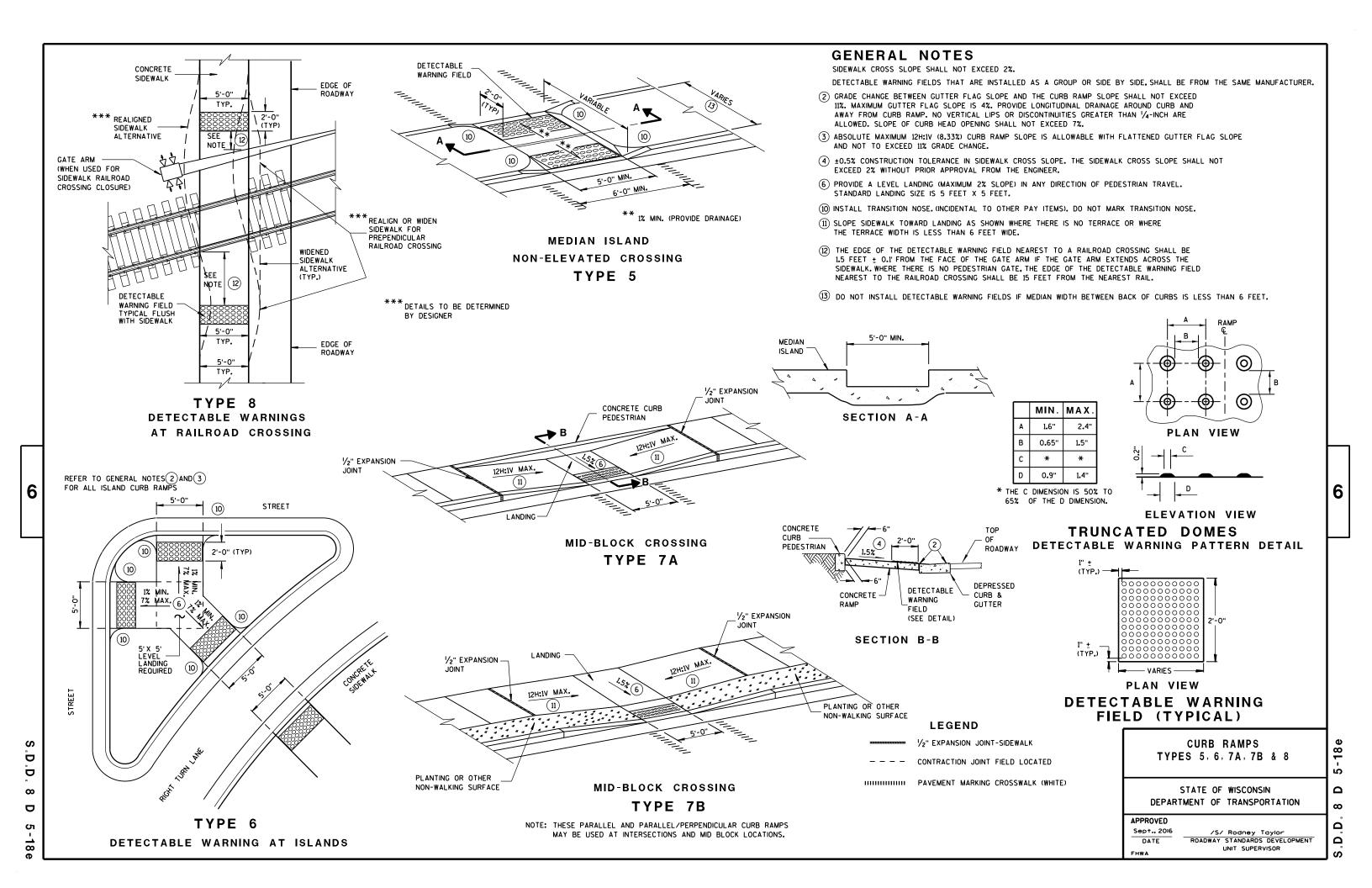
CURB RAMP TYPE 4B1 PLAN VIEW



CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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TYPICAL APPLICATION OF SILT FENCE

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PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

- \bigcirc HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- 3 WOOD POSTS SHALL BE A MINIMUM SIZE OF 11/8" X 11/8" OF OAK OR HICKORY.
- 4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)



SILT FENCE

S.D.D. 8 E 9-6





INLET PROTECTION, TYPE A

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- (2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- (3) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE, THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPE A, B, C, AND D

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

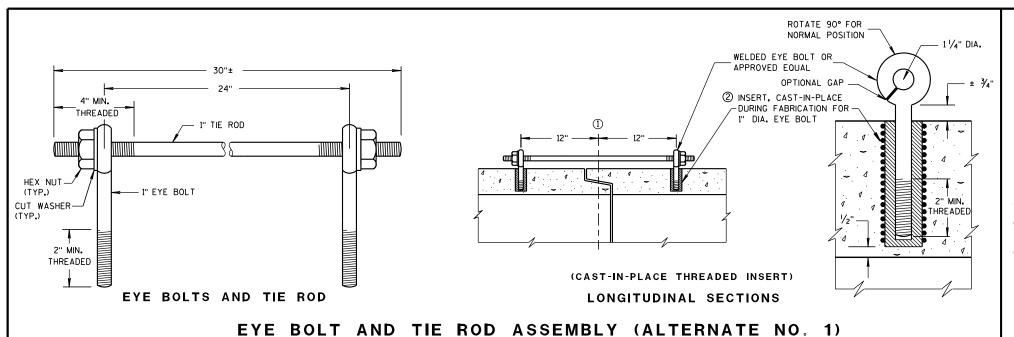
10/16/02

/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER 6

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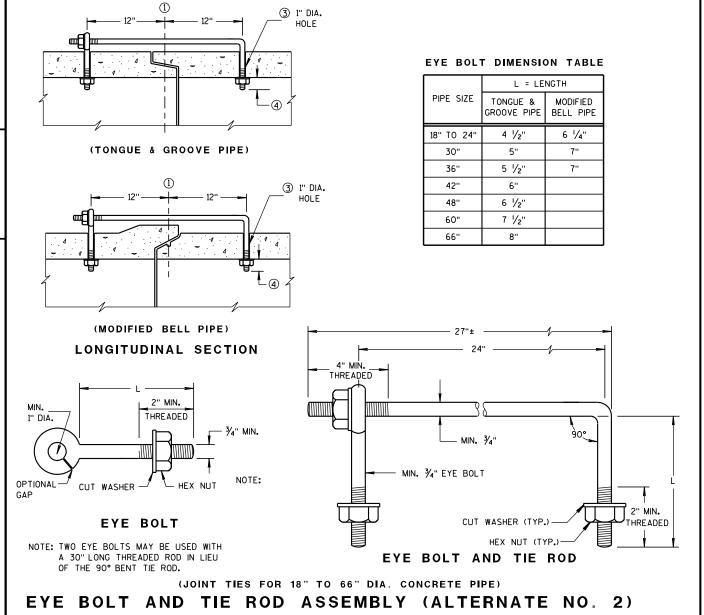
DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES, ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

- (1) & OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
- THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE
- ${\mathfrak S}$ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ${\mathfrak L}$ OF TONGUE AND GROOVE.
- 4 BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.
- (5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.
- ⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN $rac{1}{2}$ INCH OF THE INNER SURFACE OF THE PIPE.

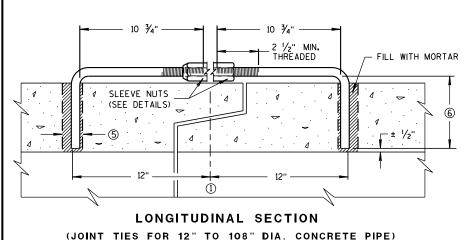


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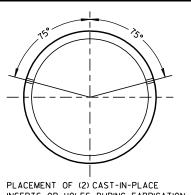
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ADJUSTABLE TIE ROD TABLE 5/8 5 12-60 3/4 5 1/2 3/4 90-108 DIMENSIONS SHOWN ARE IN INCHES **TAPERED** PLAIN RIGHT AND LEFT THREADS **SLEEVE NUTS**

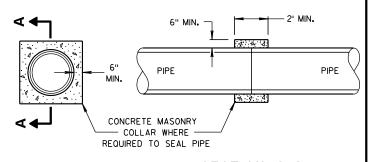


ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6/5/2012

/S/ Jerry H. Zogg DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

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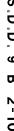
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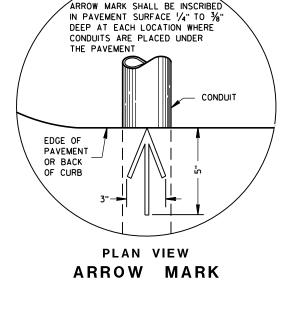


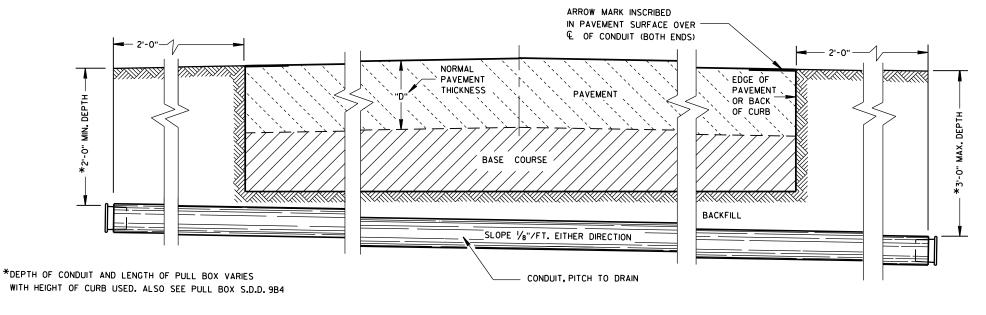












SIDE ELEVATION DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L.LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REIN-STALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

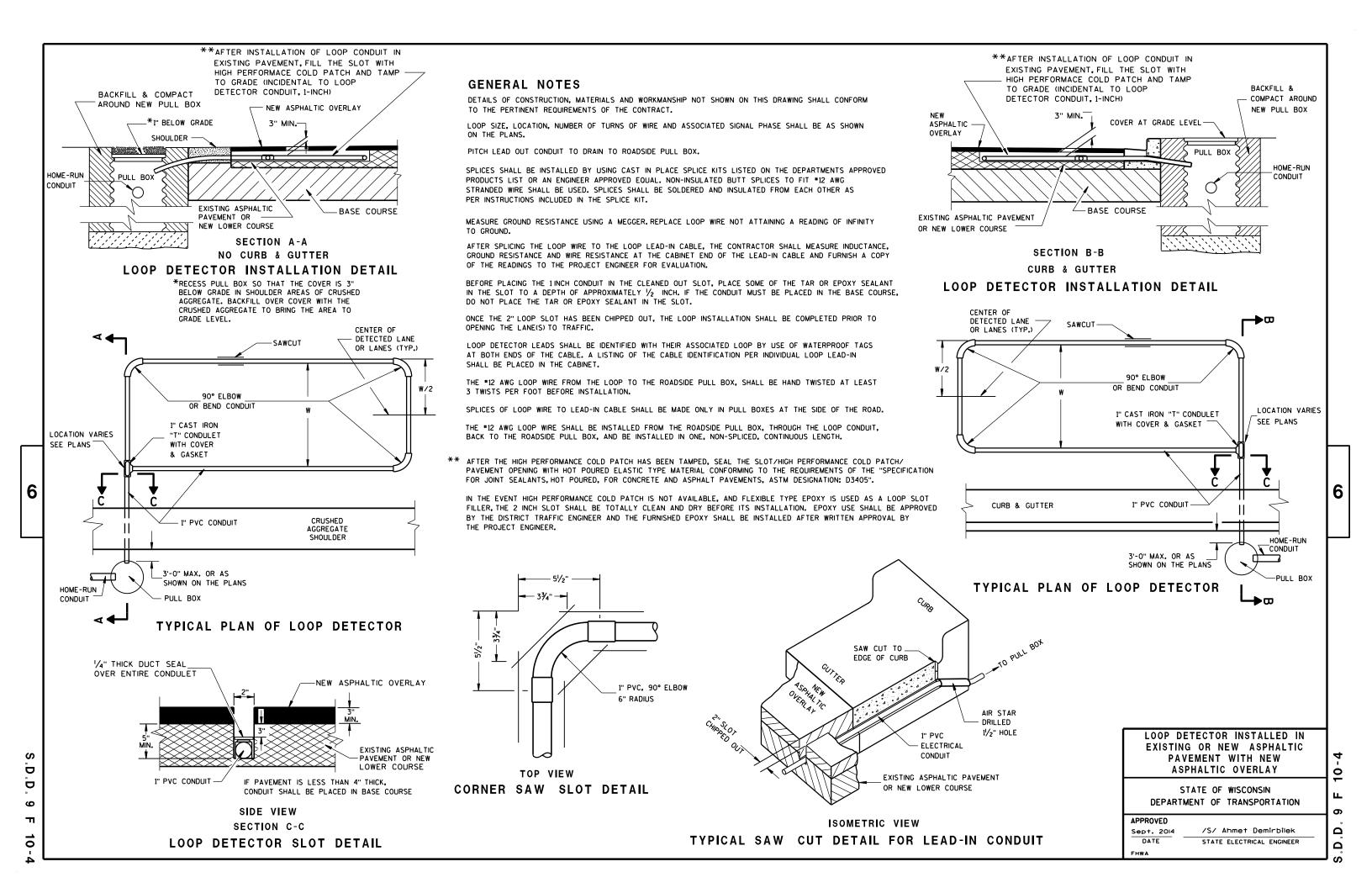
TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
March, 2017	/S/ Ahmet Demirbilek
DATE	STATE ELECTRICAL ENGINEER





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

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.) MO5-1 AND MO6-1 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
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- 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.
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

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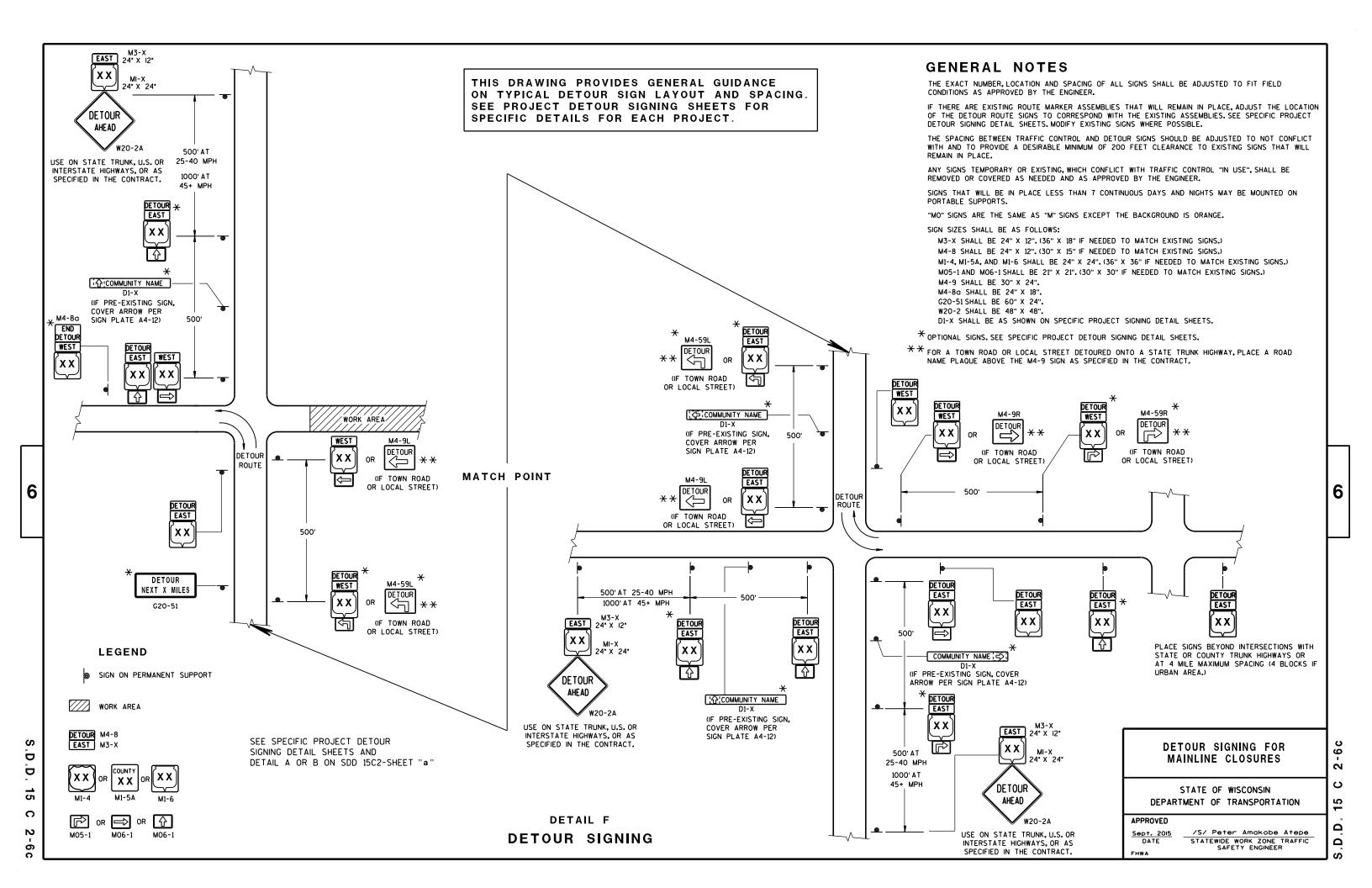
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Peter Amakobe Atepe

STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER



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

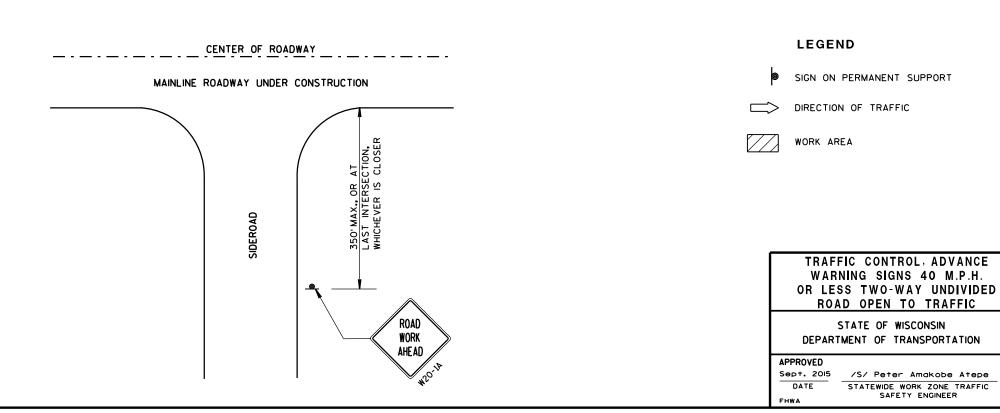
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"×36" SIGNS MAY BE USED INSTEAD OF 48"×48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

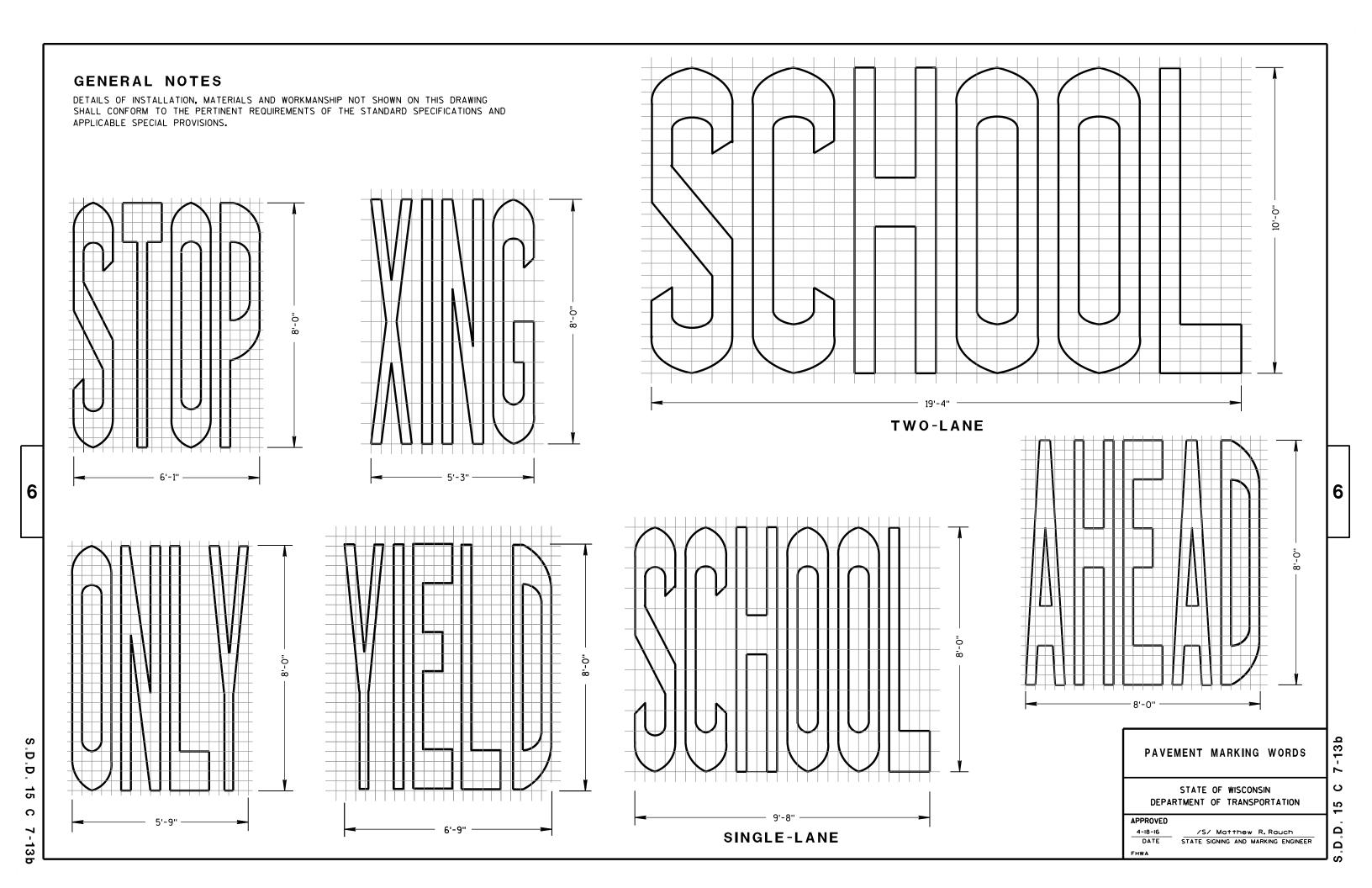
IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

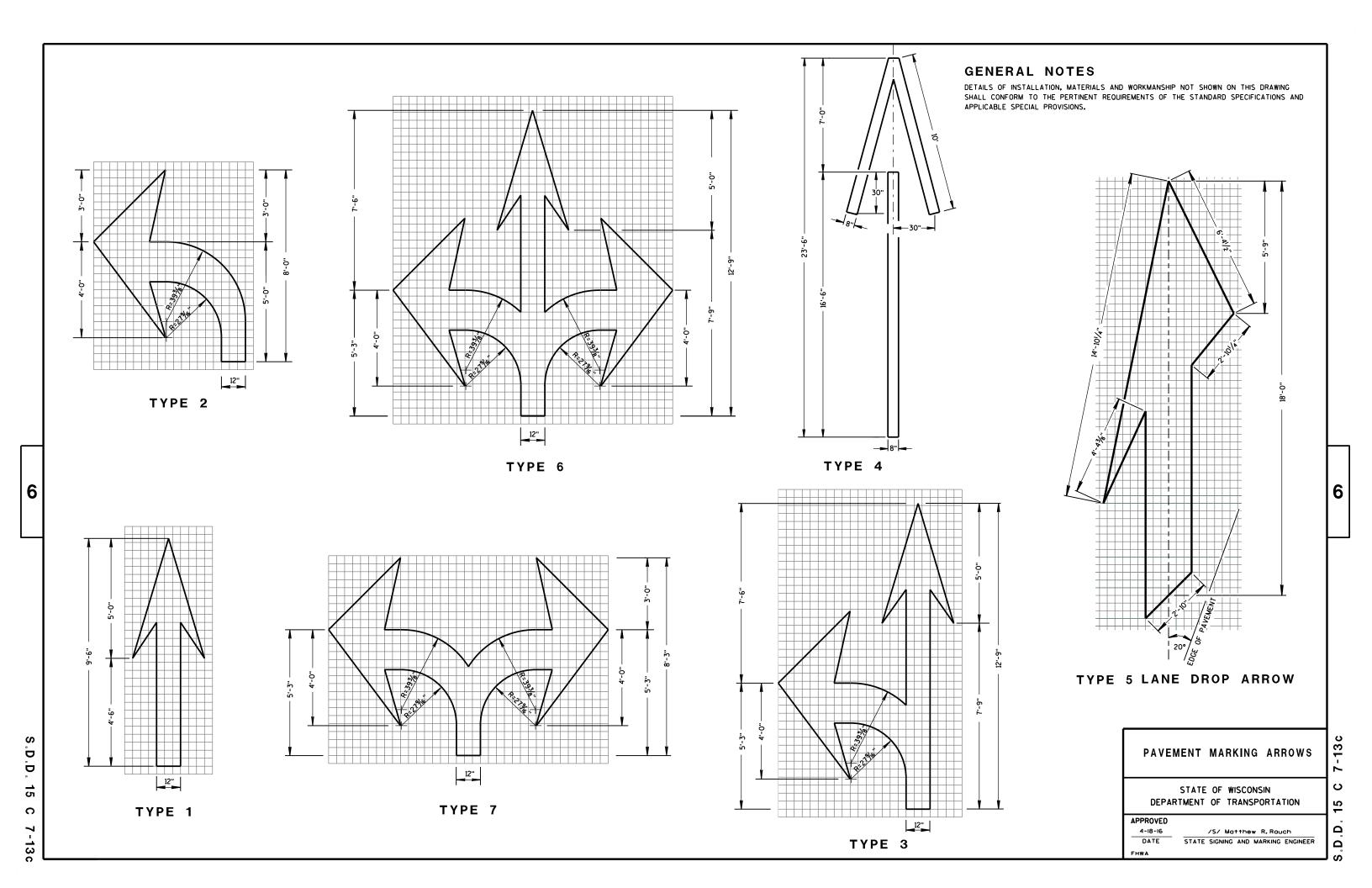
★ THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

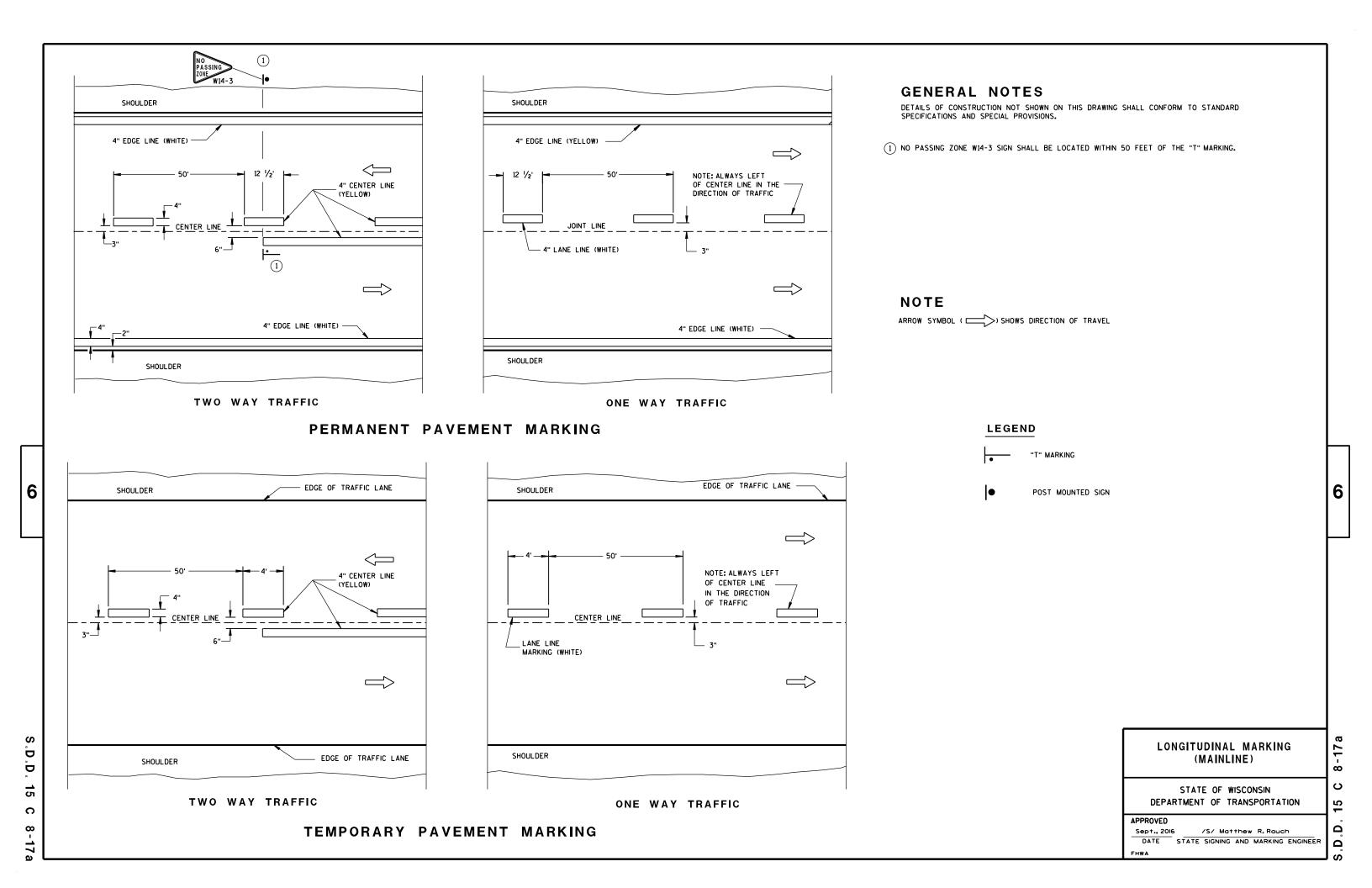


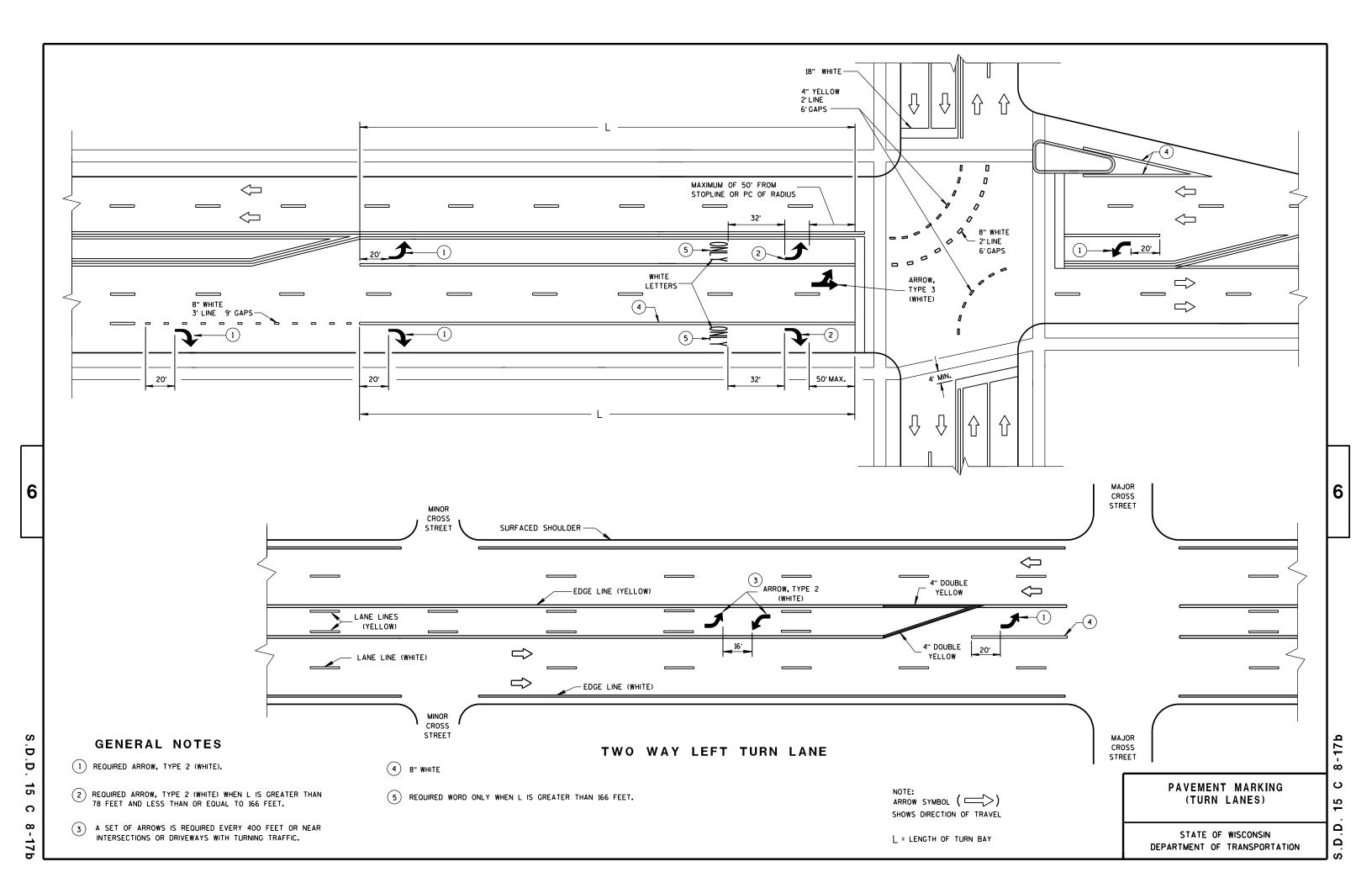
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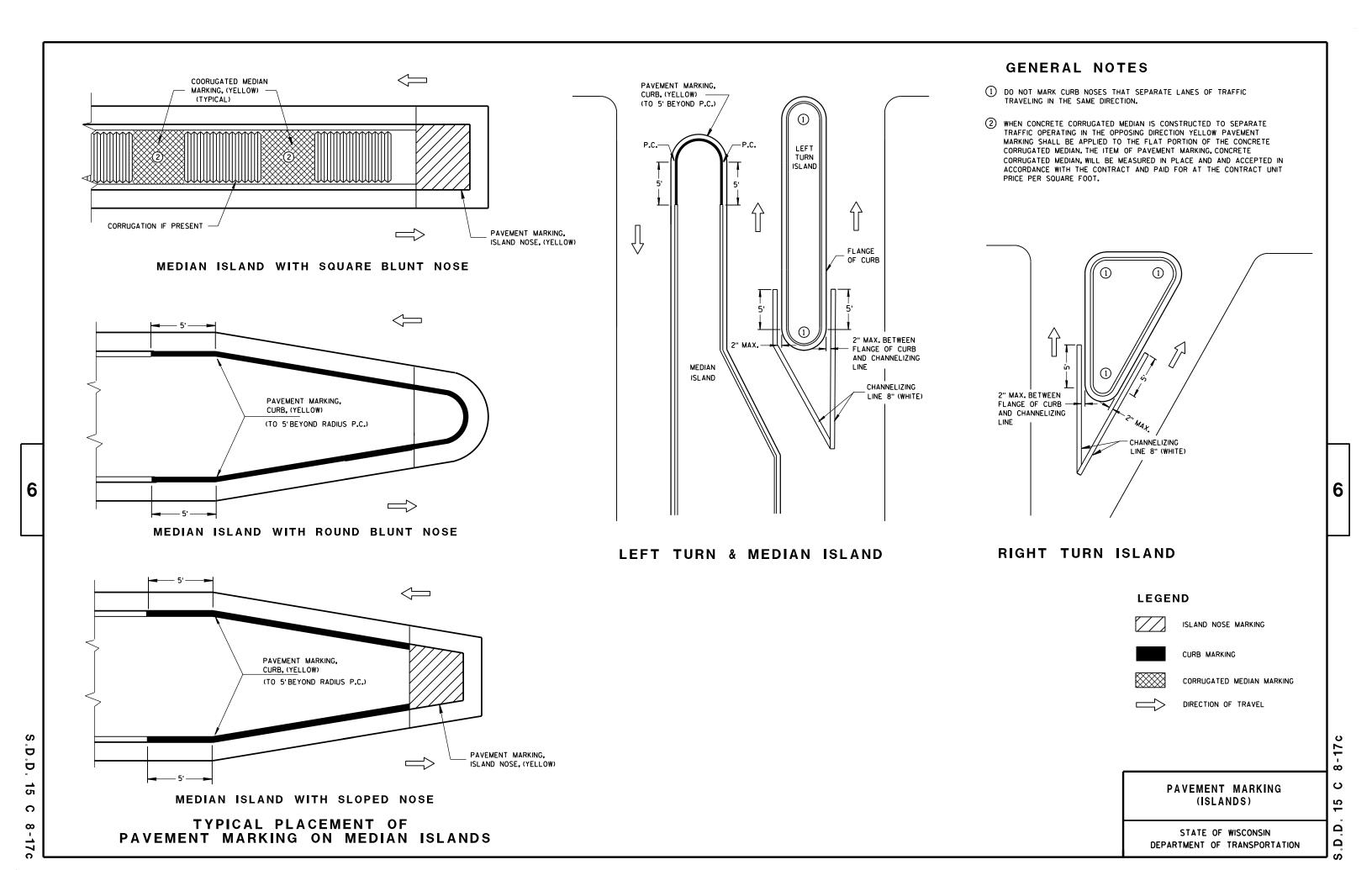
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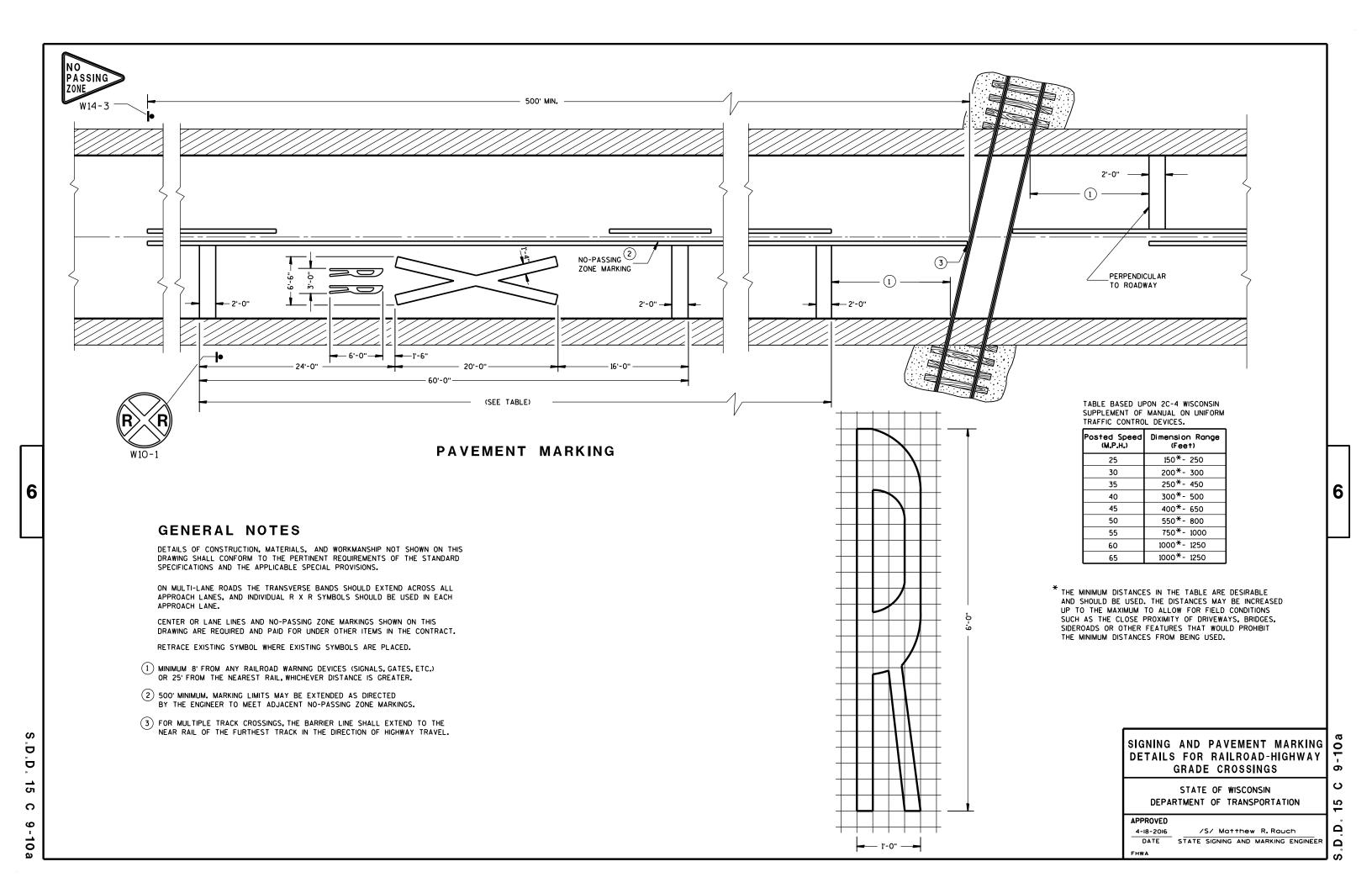


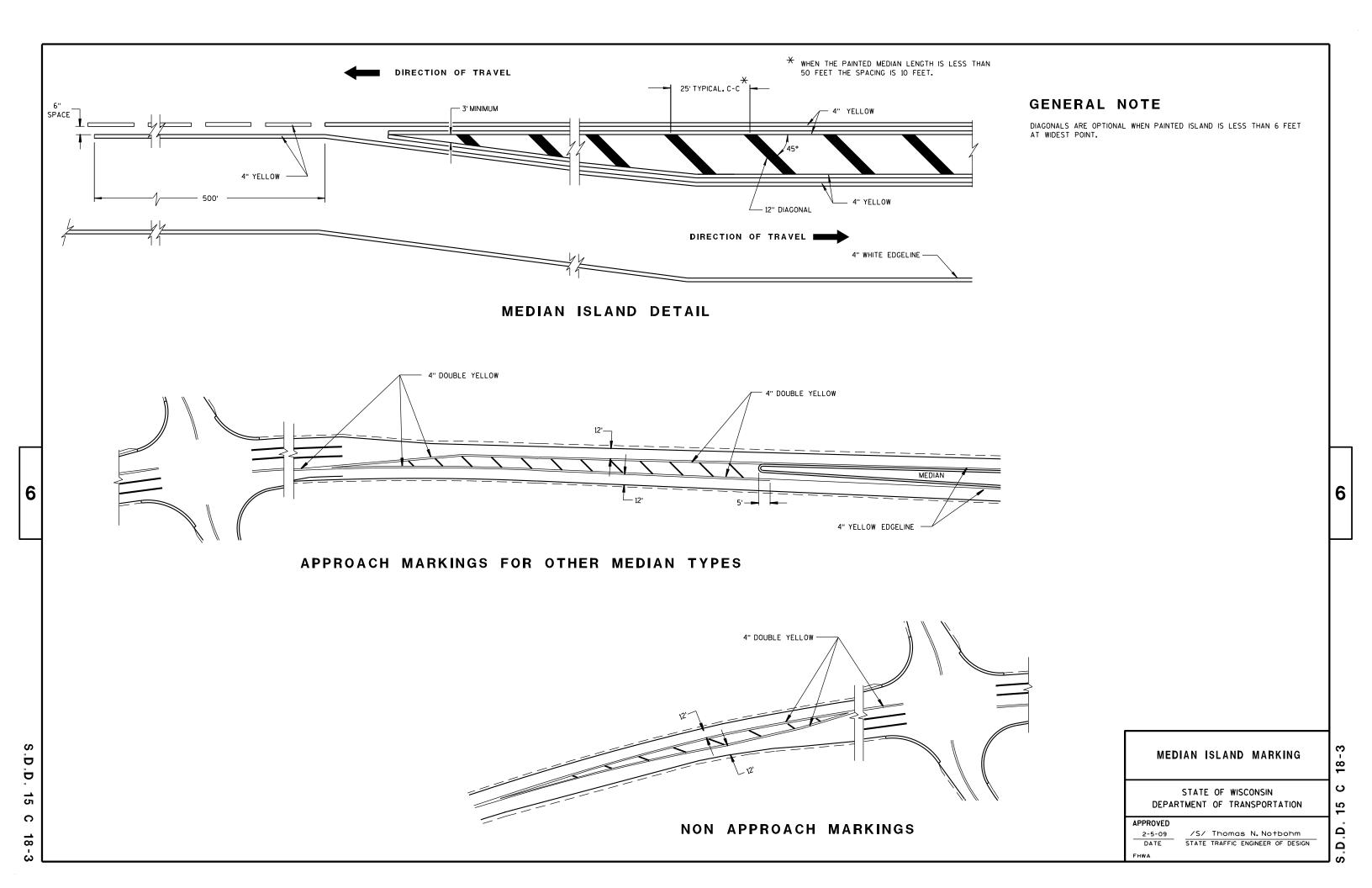


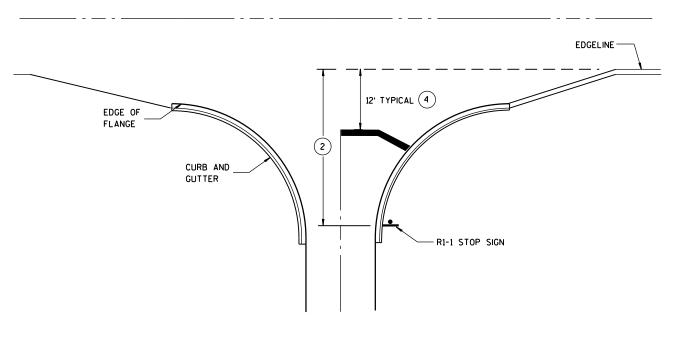












8" CHANNELIZATION WHITE

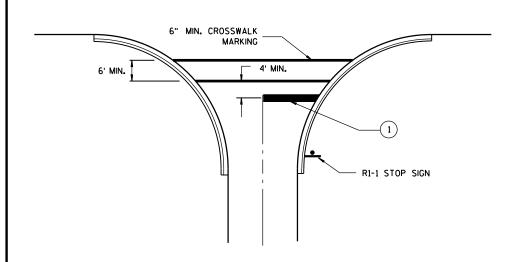
FLANGELINE (EXTENSION)

4" WHITE EDGELINE

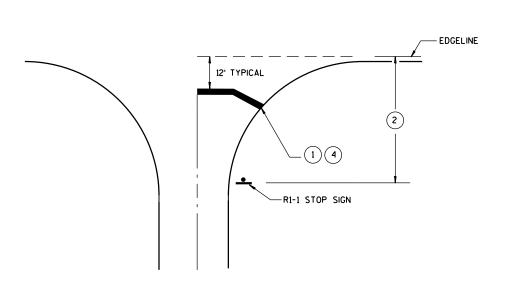
RI-1 STOP SIGN

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

- 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.
- 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	
4-18-2016	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MARKING ENGINEER

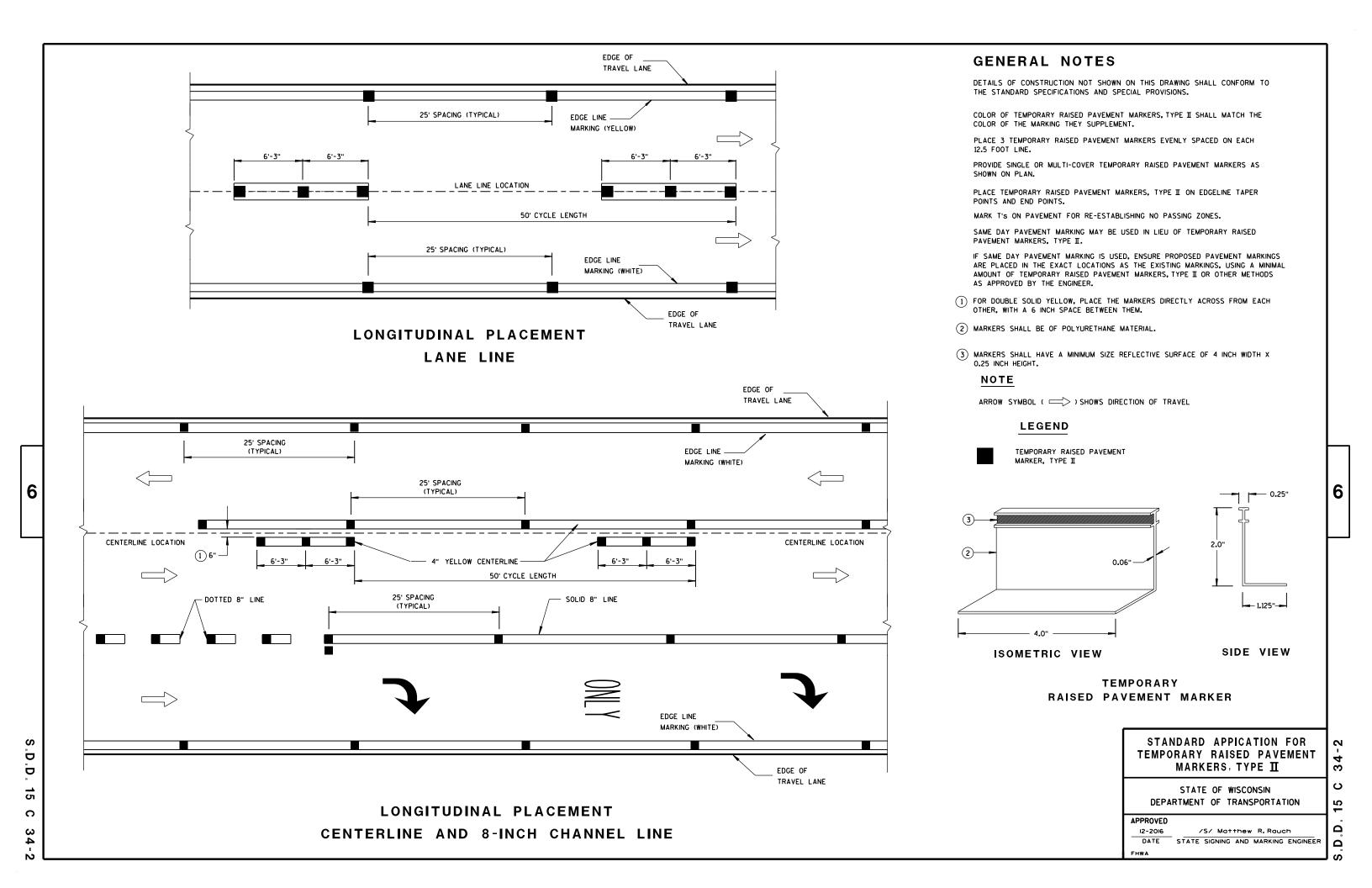
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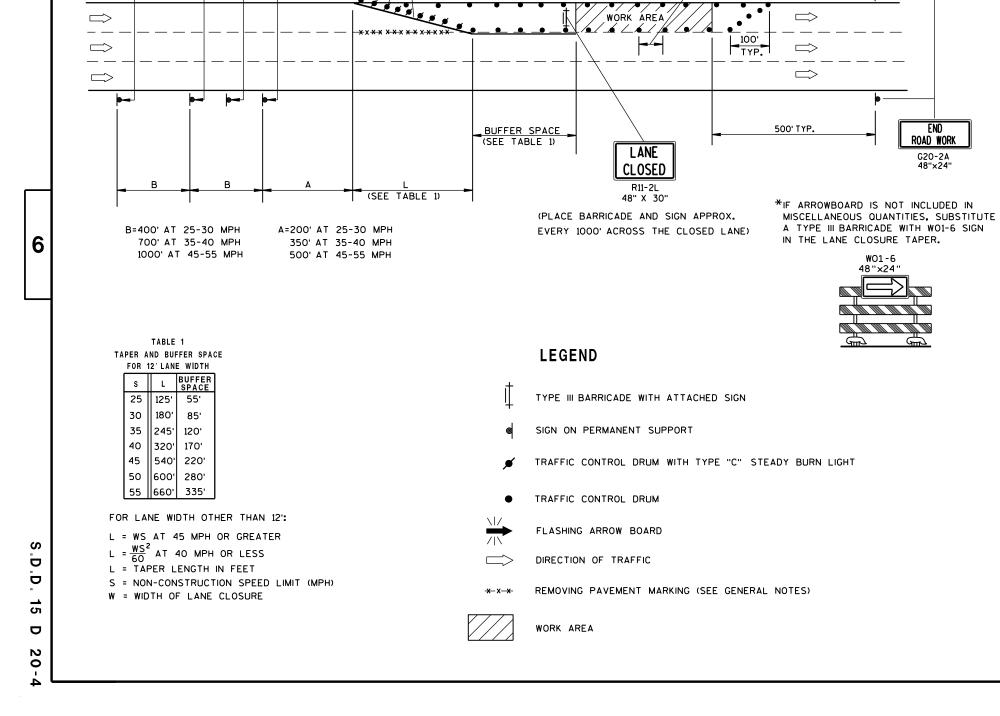
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(5) DRUMS SPACED @ 10'

INTERVALS AS NEEDED IN

FRONT OF ARROW BOARD

TEMPORARY PAVEMENT MARKING.

4-INCH REMOVABLE TAPE (WHITE ON RIGHT,

25'@ 35 MPH OR LESS 50'@ 40 MPH OR MORE

YELLOW ON LEFT)

SPACING:

ROAD WORK

NEXT___MILES

G20-1

60" X 24"

CLOSED

AHEAD

AHEAD

GENERAL NOTES

**THE LINE OF DRUMS SHOWN ALONG THE MEDIAN/CENTERLINE

ADJACENT TO THE WORK AREA. FOR THIS CONDITION INSTALL

W20-1 "ROAD WORK AHEAD" SIGN FOR OPPOSING DIRECTION OF

50' MAX. @ 35 MPH OR LESS

100' MAX. @ 40 MPH OR MORE

IS REQUIRED ONLY WHERE THERE IS OPPOSING TRAFFIC

TRAFFIC. IN ADVANCE OF THE WORK AREA.

SPACING:

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"×48" 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.

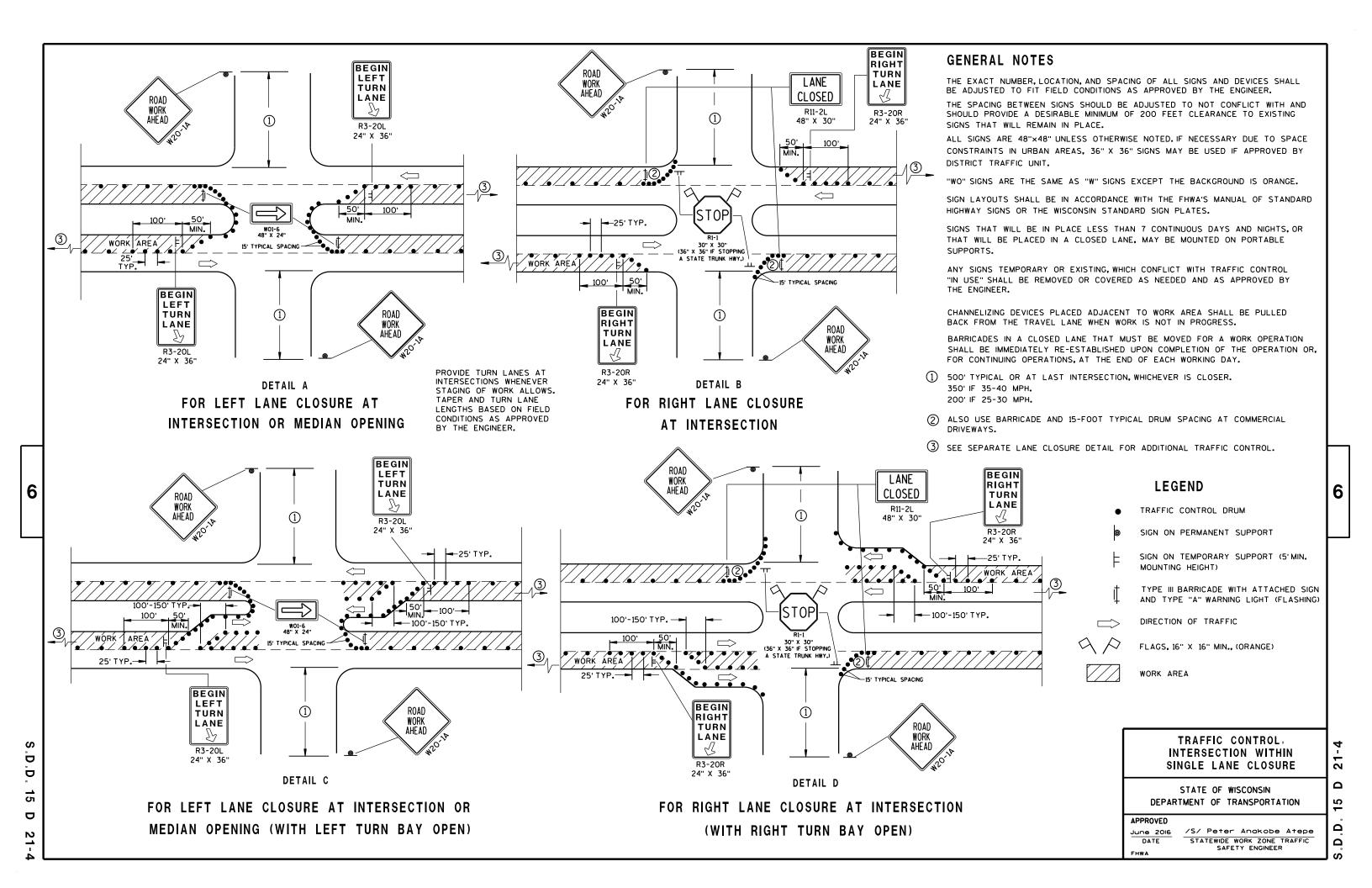
TRAFFIC CONTROL SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED June 2016

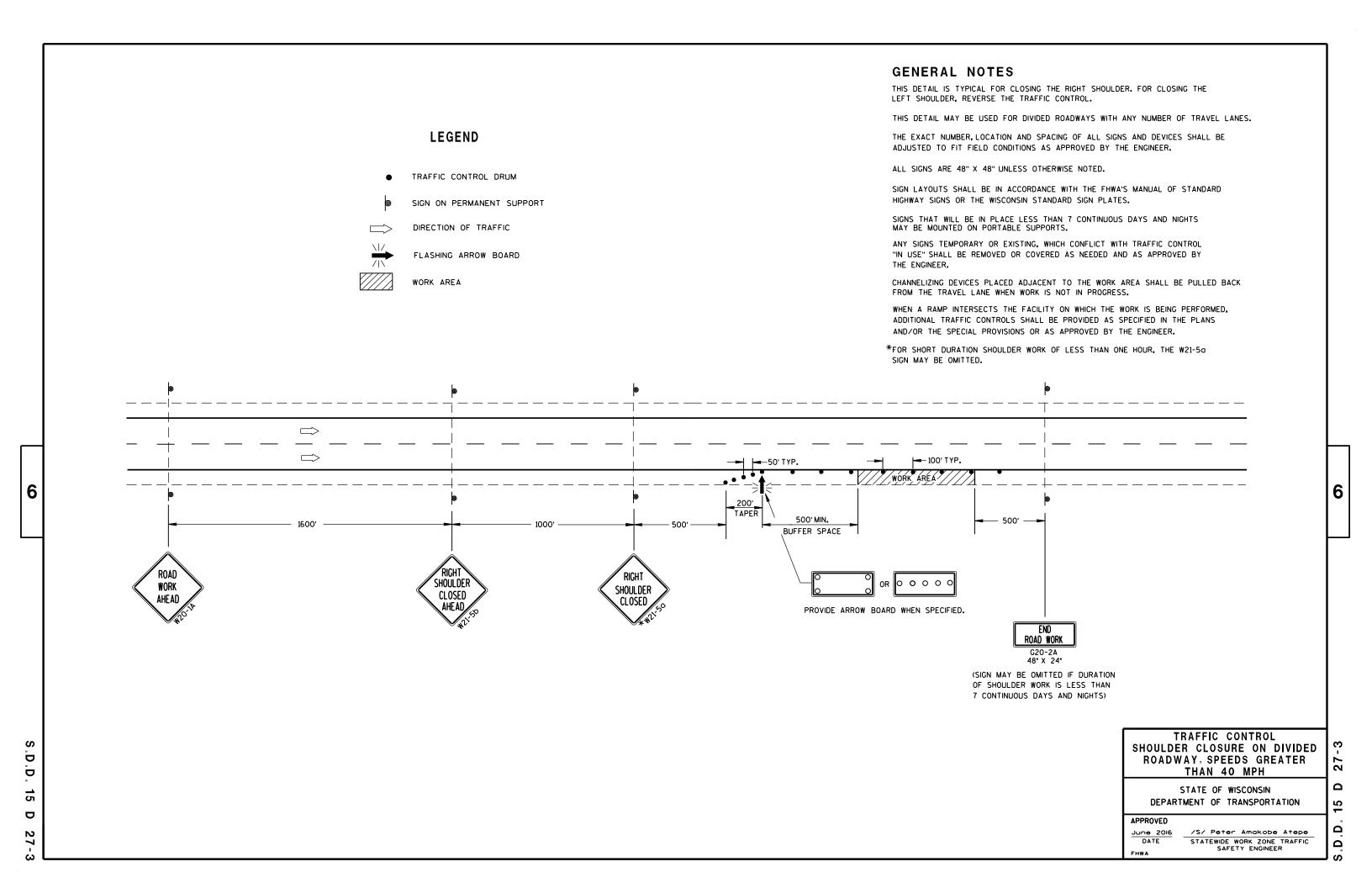
/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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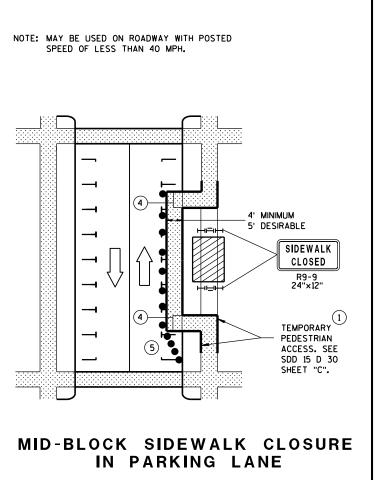


June 2016

/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER







NOTE: LAYOUT SAME AS ABOVE. 4' MINIMUM 5' DESIRABLE SIDEWALK CLOSED RQ-Q TEMPORARY PEDESTRIAN ACCESS. SEE SDD 15 D 30 SHEET "C". SIDEWALK DIVERSION

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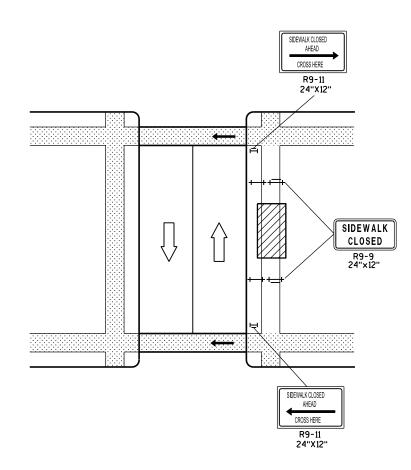
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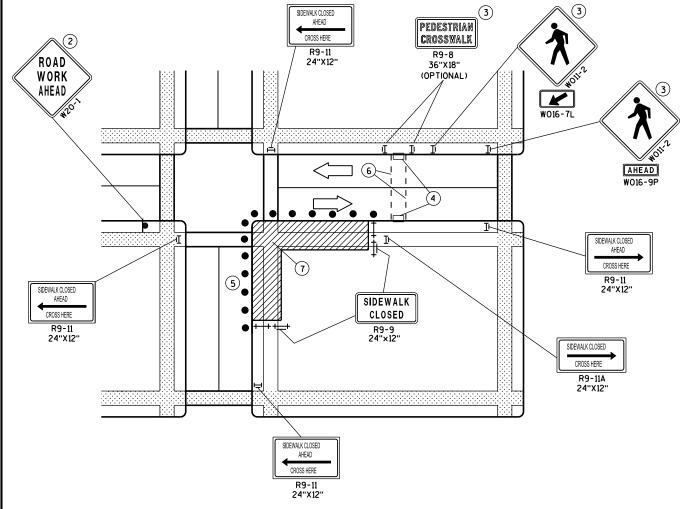
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MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- 1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.
- (2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
- (3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.
- (4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".
- (5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- (6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- (7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN

LEGEND

SIGN ON PERMANENT SUPPORT

UNDER PEDESTRIAN TRAFFIC

TRAFFIC TRAFFIC CONTOL DRUM

DIRECTION OF

WORK AREA PEDESTRIAN

CHANNELIZATION DEVICE

TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A. LOW-INTENSITY FLASHING)

TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION က 0 က Ω Ω

PARALLEL TO CURB

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GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION. ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

- (1) CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".
- (2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- 3 DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- (4) CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- (5) CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- (6) THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
- 7 DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (8) LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.
- (9) CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".
- (10) 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.

DEPARTMENT OF TRANSPORTATION

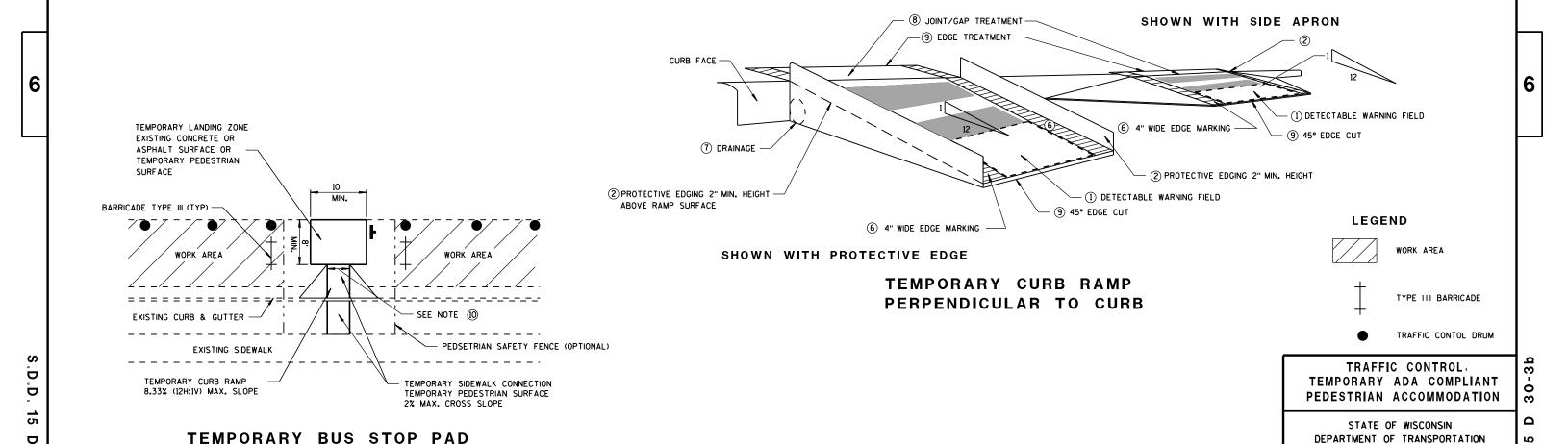
/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC

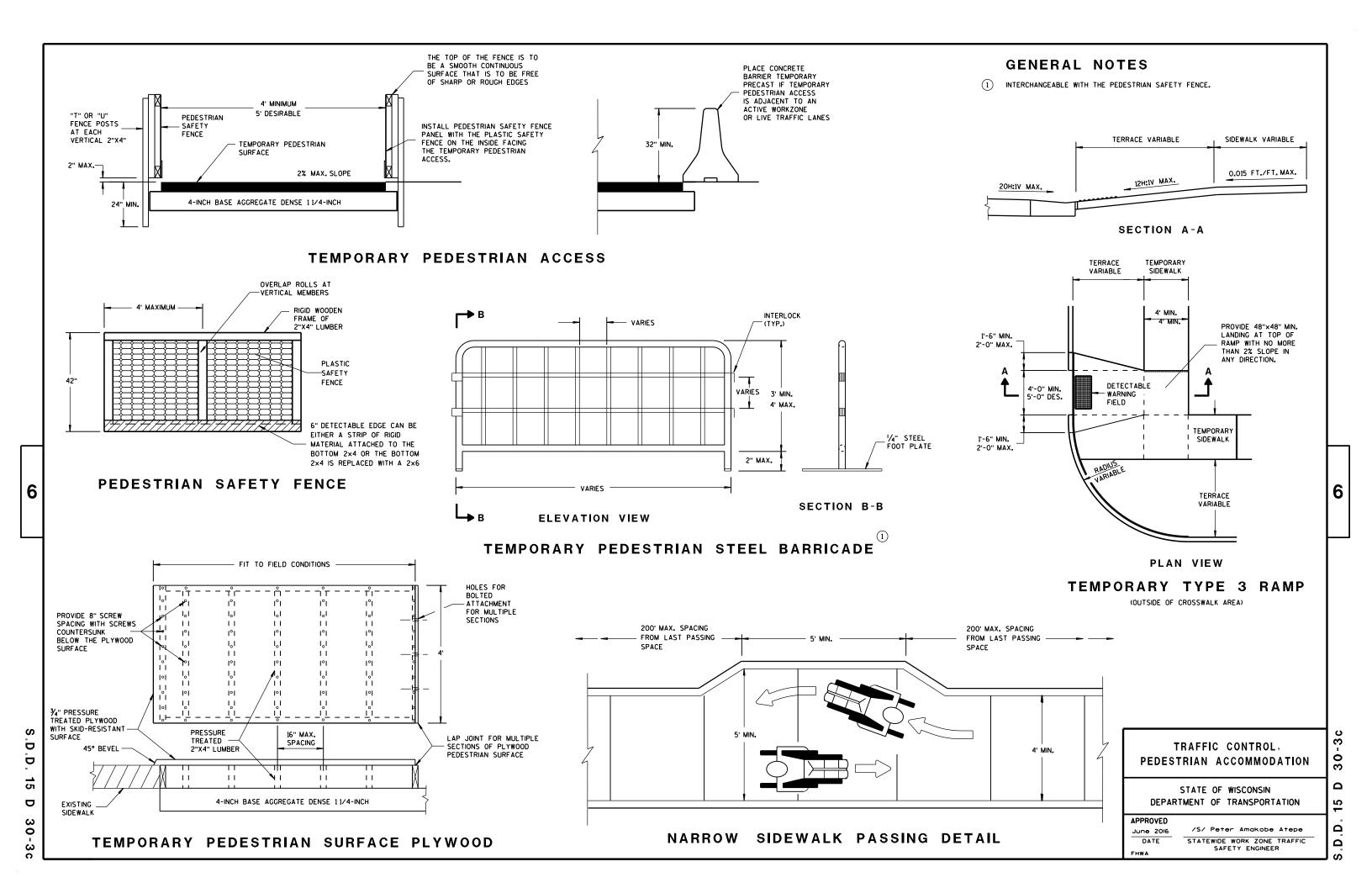
SAFETY ENGINEER

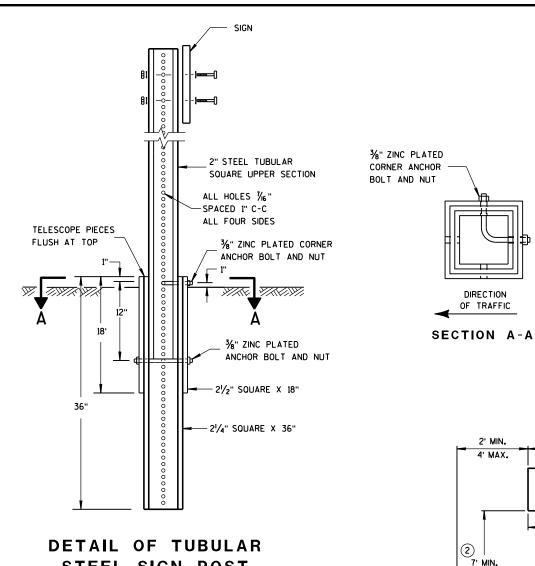
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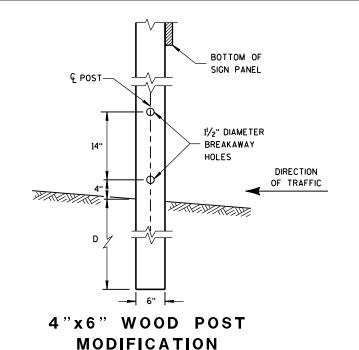
APPROVED

June 2016









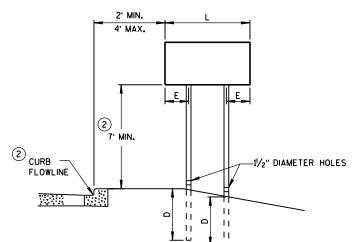
- (1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.
- (2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN
 THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED
 FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING,
 VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.
- (3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.

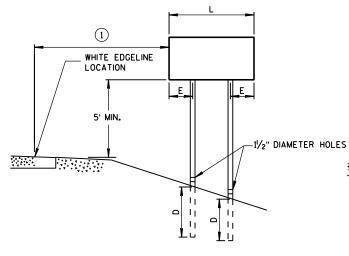
STEEL SIGN POST

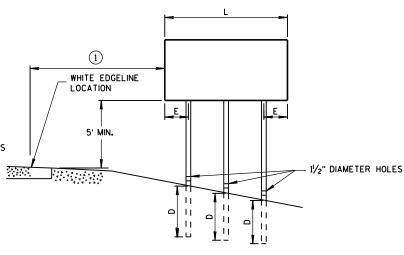
TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SO. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SO.FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE). SIGNS LARGER THAN 27 SO.FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.







URBAN AREA

RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

AREA OF SIGN INSTALLATION (SO. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF	
L	E	WOOD POSTS REQUIRED	
48" OR LESS AND LESS THAN 20 SO.FT.	-	1	
LESS THAN 60"	12"	2] [:]
60" TO 120"	L/5	2	
GREATER THAN 120" LESS THAN 168"	12"	3	
168" AND GREATER	12"	4	

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

- A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D. OR SC 3
- B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - $\frac{9}{32}$ " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SO. FT. REQUIRE THE USE OF 3 FASTENERS.

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

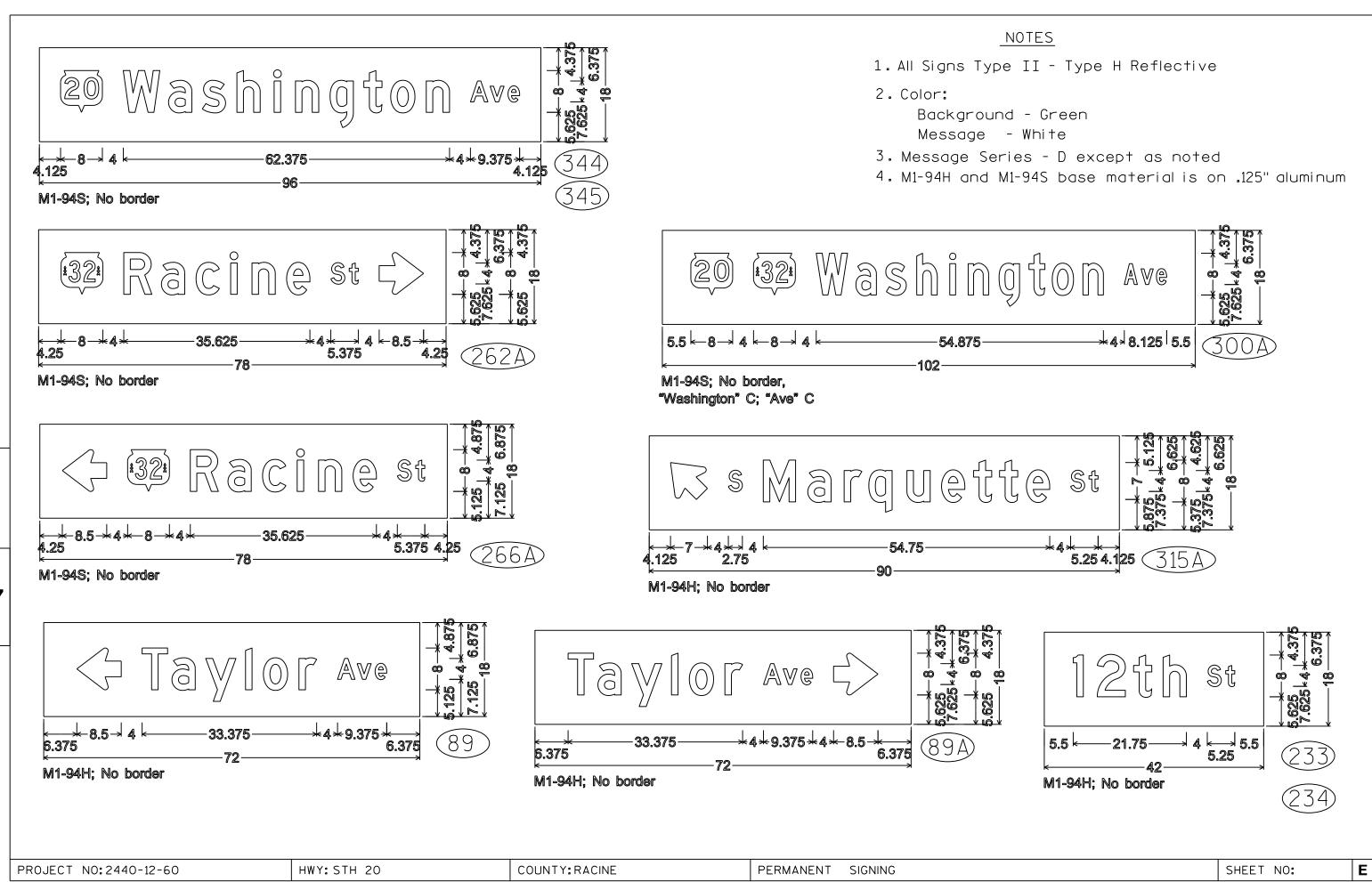
APPROVED Feb. 2015

FHWA

PATE DATE TRAFFIC ENGINEER OF DESIGN

38-1b

Ω



FILE NAME : C:\CAEfiles\Projects\tr_d2\2512a517.DGN

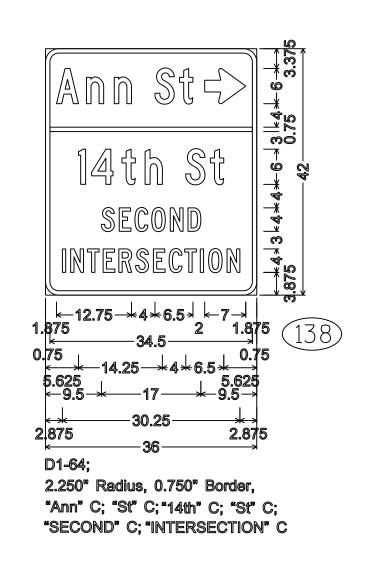
_

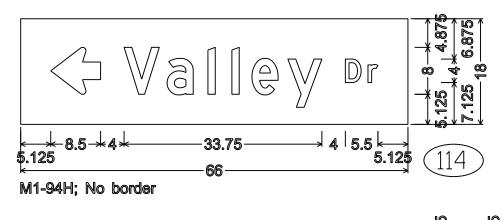


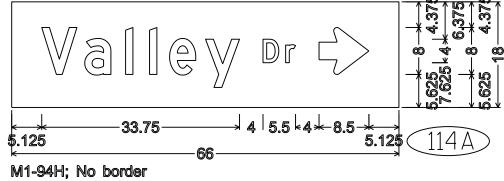
- 1. All Signs Type II Type H Reflective
- 2. Color:

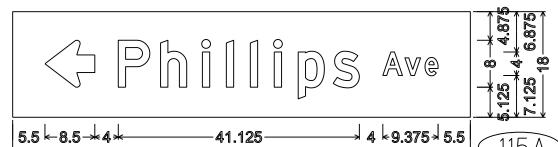
Background - Green Message - White

- 3. Message Series D except as noted
- 4. M1-94H base material is on .125" aluminum



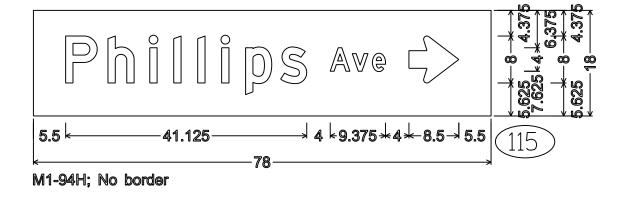


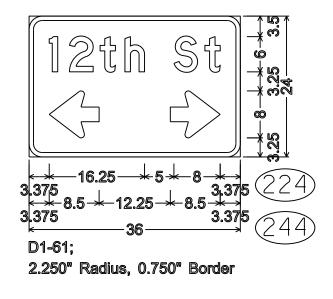


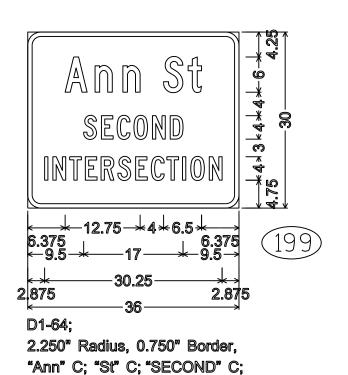


41.125-115 A

M1-94H; No border







PROJECT NO: 2440-12-60 HWY: STH 20 COUNTY: RACINE

PERMANENT SIGNING

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_d2\2512a517.DGN

PLOT DATE: 17-MAY-2017 16:04

"INTERSECTION" C

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

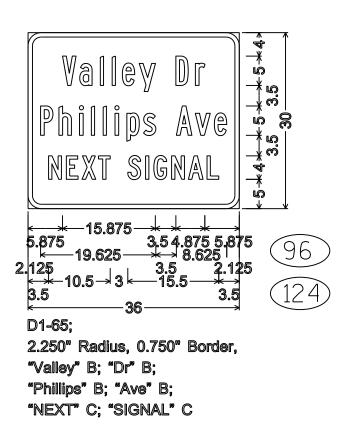
PLOT SCALE: 16.356435:1.000000

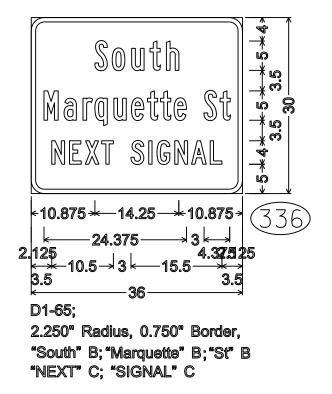


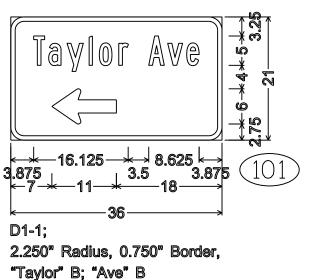


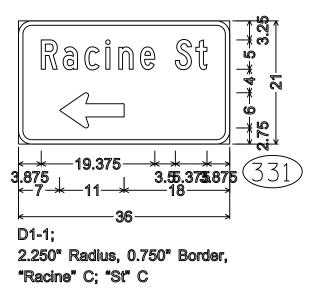
Background - Green Message - White

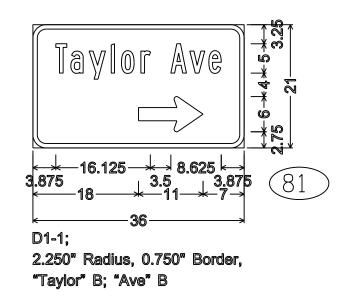
3. Message Series - D except as noted

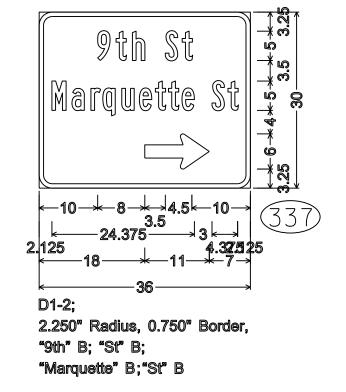












PROJECT NO: 2440-12-60

HWY: STH 20

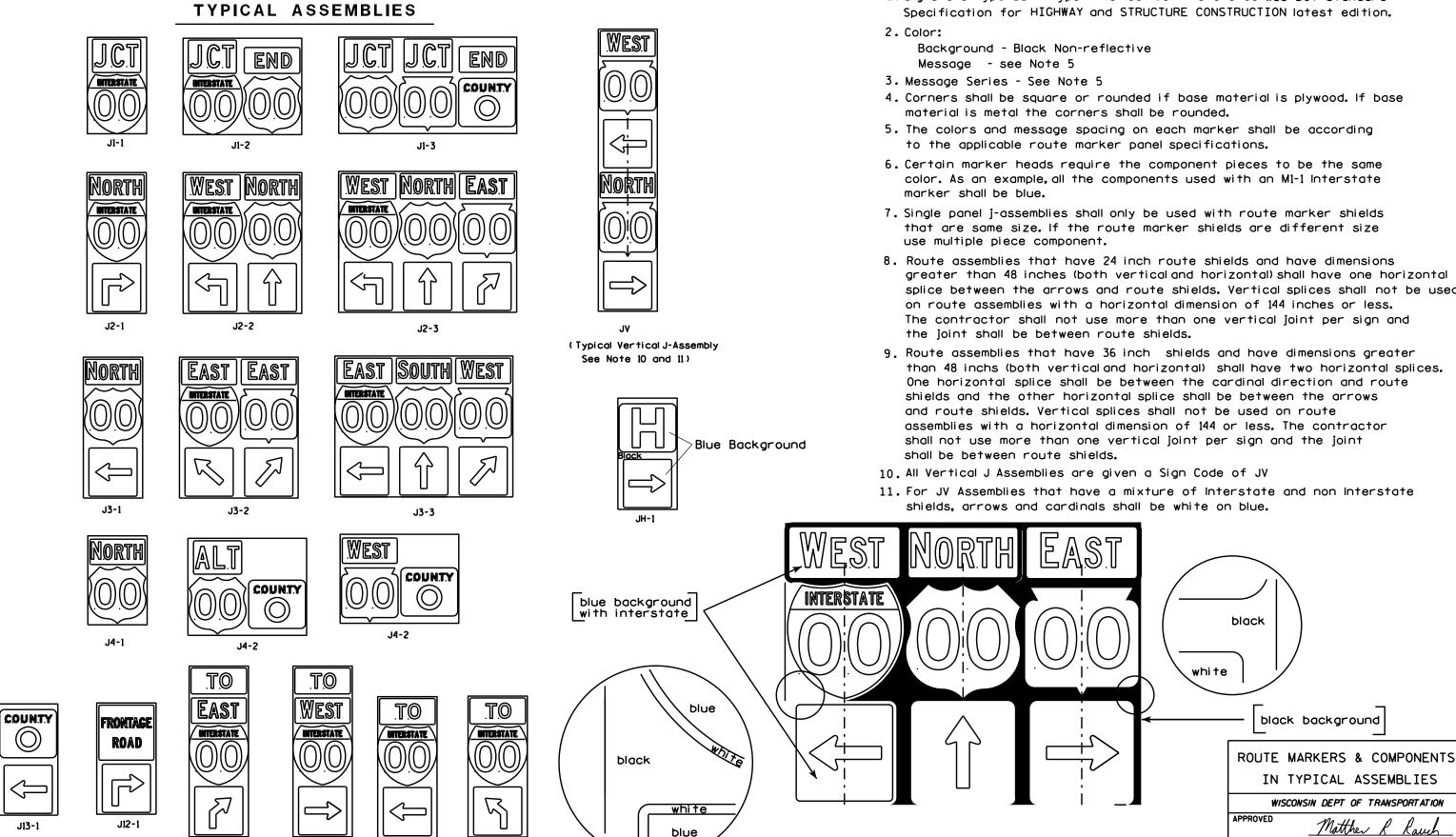
COUNTY: RACINE

PERMANENT SIGNING SHEET NO:

PLOT DATE: 17-MAY-2017 16:04 PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard

areater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.



PROJECT NO:

J32-1

J22-1

J23-1

J33-1

PLOT BY: mscsja

PLATE NO. __A2-15.8

DATE 2/06/14

SHEET NO:

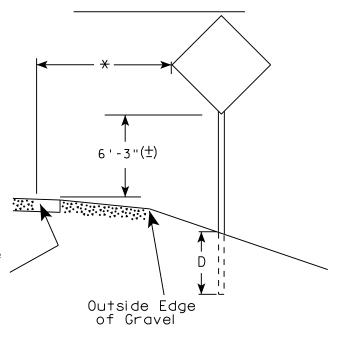
urban area

2' Min - 4' Max (See Note 6)

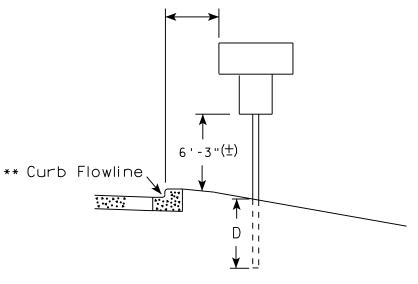
** Curb Flowline

D | White Edgeline Location

RURAL AREA (See Note 2)



2' Min - 4' Max (See Note 6)



White Edgeline
Location

Outside Edge
of Gravel

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway

or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

GENERAL NOTES

- 1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on barrier wall, see A4-10 sign plate.
- 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or 6'-3" (\pm) depending upon existence of a sub-sign.
- 4. J-Assemblies are considered to be one sign for mounting height.
- 5. Minimum mounting height for signs mounted on traffic signal poles is $5'-3''(\pm)$.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. The (\pm) tolerance for mounting height is 3 inches.
- 8. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.
- 9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

POST EMBEDMENT DEPTH

Area of Sign	
Installation	D
(Sq.Ft.)	(Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch

For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-3.21

SHEET NO:

PROJECT NO: HWY: COUNTY:



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

- 2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
- 3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3. For expressways and freeways, mounting height is 7'-3'' (±) or 6'-3'' (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. J-Assemblies are considered to be one sign for mounting height.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8). Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4''-3'' (±).
- * 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- ** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- ** * See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

WISCONSIN DEPT OF TRANSPORTATION APPROVED For State Traffic Engineer DATE 8/21/17 PLATE NO. <u>A4-4.15</u>





	SIGN SHAPE OTHER THAN (TWO POSTS REQUIRE)		
	L	E	
***	Greater than 48" Less than 60"	12"	
	60" to 108"	L/5	

HWY:

SIGN SHAPE OTHER THAN (THREE POSTS REQUIR	
L	E
Greater than 108" to 144"	12''

COUNTY:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

PLOT SCALE: 108.188297:1.000000

WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:



Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS
TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Nather R Raw
For State Traffic Engineer

DATE <u>8/11/16</u>

PLATE NO. <u>44-8.8</u>

PROJECT NO:

FILE NAME : C:\CAFfiles\Projects\tr stdplote\A48 DCN

PLOT DATE . 11-416-2016 11:35

PINT RY * \$\$ nintuser \$\$

SHEET NO:

| | |



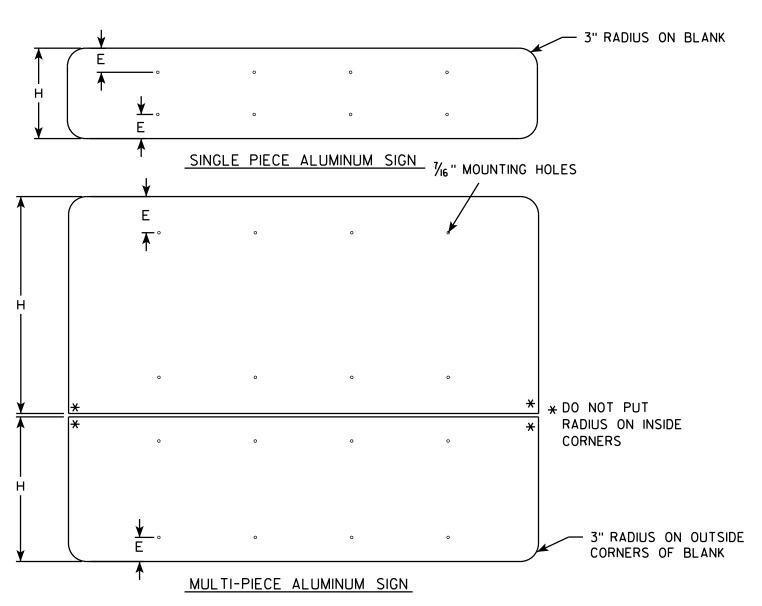
PROJECT NO: HWY: COUNTY: SHEET NO: FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE: 05-FEB-2015 17:09 PLOT BY: mscsja PLOT NAME : PLOT SCALE: 13.659812:1.000000

DATE 2/05/15

PLATE NO. <u>A4-9.9</u>

For State Traffic Engineer

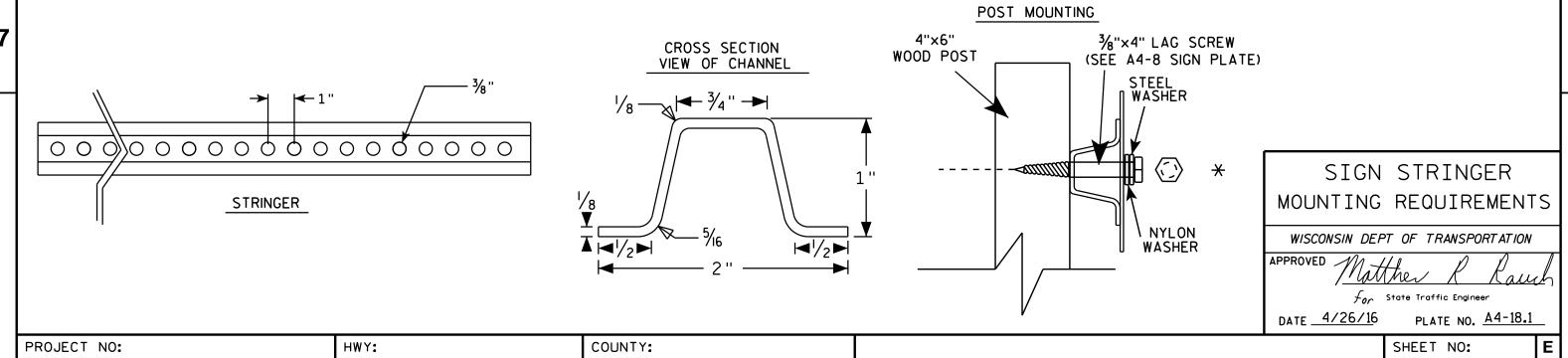




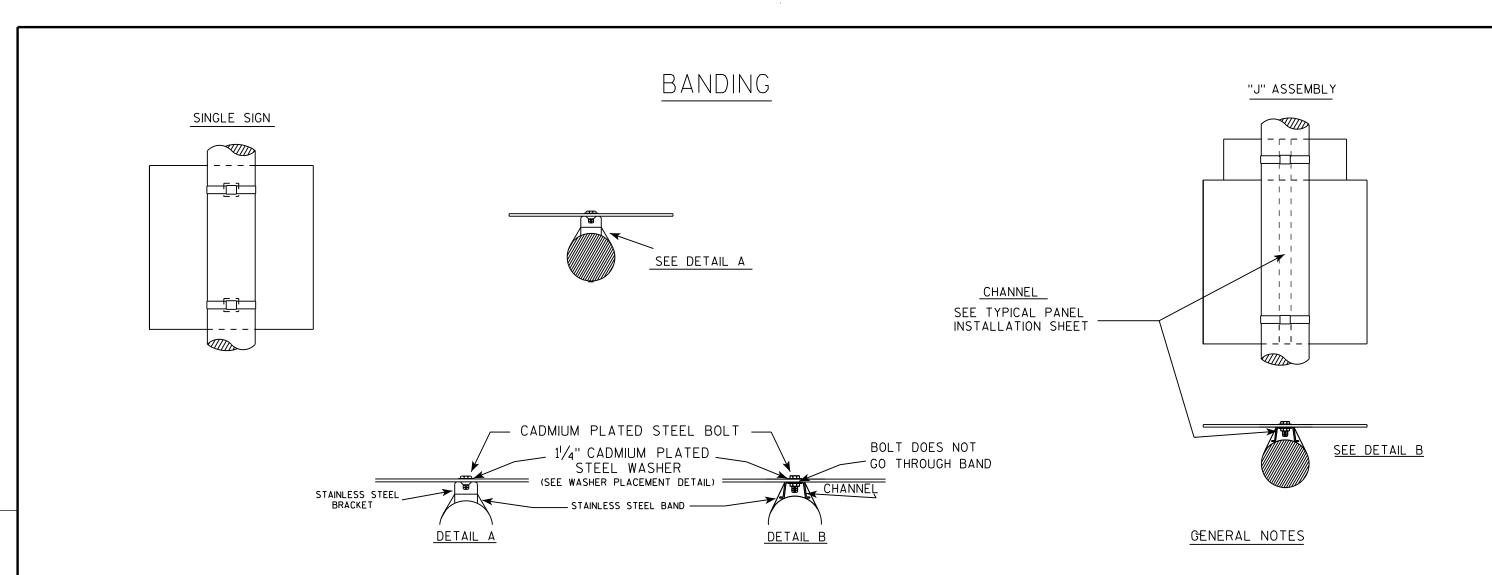
GENERAL NOTES

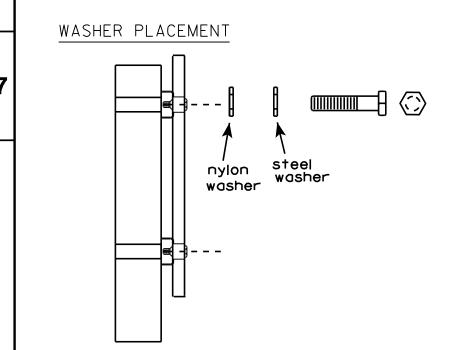
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE $\frac{7}{16}$ " DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING				NTING OLES			
7 8''	7 2"	2	16''	15''	31''	47''	63''			
84''	72"	2	17''	161/2"	331/2"	501/2"	6 7 1/2	1		
90"	72"	2	18''	18''	36''	54''	72"			
96"	90''	2	19''	191/2"	381/2''	57½"	761/2			
102"	90''	2	20"	21''	41''	61''	81''			
108''	90"	2	21''	221/21	' 43 ^l / ₂ ''	641/2"	851/2			
114''	108''	3	15''	12''	2 7 ''	42''	57''	72"	87''	102''
120''	108''	3	16''	12''	28''	44''	60"	76"	92"	108''
126"	108''	3	17''	12''	29"	46''	63''	80"	97''	114''
132"	126''	3	18''	12''	30"	48''	66''	84"	102"	120''
138''	126''	3	19"	12''	31''	50"	69"	88"	107''	126"
144''	126"	3	20"	12''	32"	52"	72"	92"	112''	132"



PLOT BY: mscj9h





HWY:

WASHERS (ALL POSTS) -

COUNTY:

1-1/4" O.D. $X\frac{3}{8}$ " I.D. $X\frac{1}{16}$ " STEEL 1-1/4" O.D. $X\frac{3}{8}$ " I.D. X .080 NYLON FOR ALL TYPE H SIGNS

PLOT BY: mscsja

- 1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
- 2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
- 3. Banding and assembly bracket shall be stainless steel. All bands shall be $\frac{3}{4}$ " in width and 0.025" thickness.

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 1100 400 400

For State Traffic Engineer

DATE 8/16/13

713 PLATE NO. A5-9.3

SHEET NO:

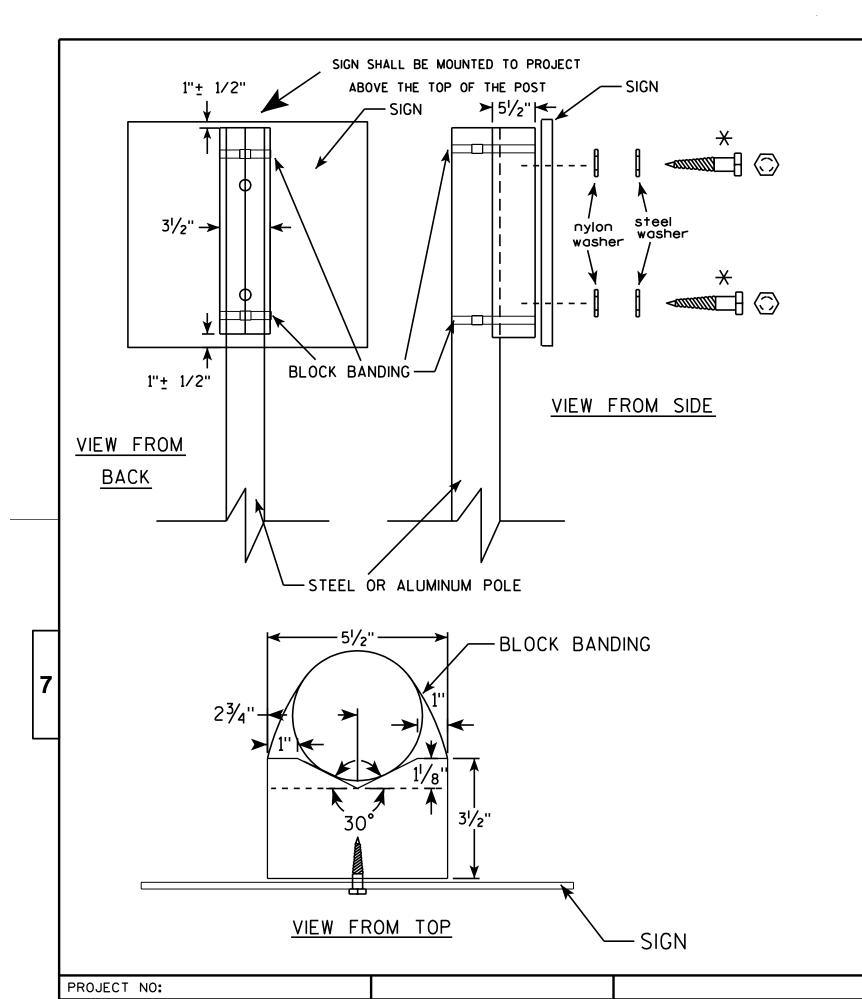
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A59.DGN

PROJECT NO:

PLOT DATE: 16-AUG-2013 13:27

PLOT NAME :

PLOT SCALE: 33.740899:1.000000



GENERAL NOTES

- 1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
- 2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, 3/4" WIDTH AND 0.025" THICKNESS
- 3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS.

 SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
- 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
- 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
 - b. Cadmium plated in accordance with ASTM Designation: B 766 TYPE 3, Class 12, or
 - c. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3.
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE 11/4" O.D. X 3/8" I.D. X 1/16"
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $3/_{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

X LAG BOLTS SHALL BE 3/8" X 21/2"

BLOCK BANDING DETAIL
(V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

APPROVED

For State Traffic Engineer

DATE 7/12/07

PLATE NO. A5-10.1

SHEET NO:

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

2. Color:

Background - Orange Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Metric equivalent for this sign is:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 1/8	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 110 00 00 110

For State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

5.561773:1.000000 WISDOT/CADDS SHEET 42

- 1. Sign is Type II See Note 6 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Top Red - Bottom Blue (See Note 6) Message - White - See Note 6

- 3. Message Series See note 5
- 4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
- 5. M1-1 Numerals D Interstate - C

M1-1A - All copy - C

6. Permanent Signs

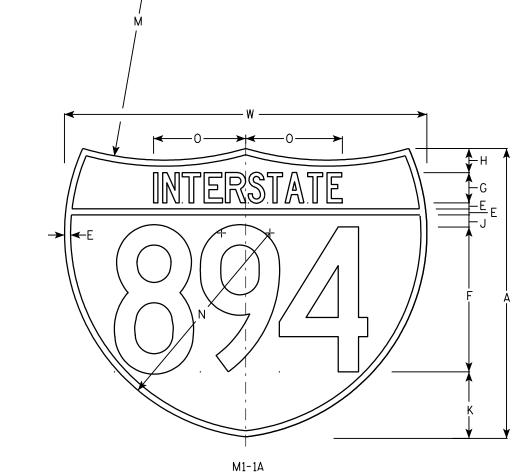
Message - Type H Reflective

Detour or other temporary signs Background - Reflective

Message - Reflective

M1-1

HWY:



PLOT DATE: 13-OCT-2005 14:49

Metric equivalent for these signs are:

SIZE	M1-1	SIZE	M1-1A
1			
2	600 mm X 600 mm	2	600 mm X 750 mm
3	900 mm X 900 mm	3	900 mm X 1125 mm
4	900 mm X 900 mm	4	900 mm X 1125 mm
5	900 mm X 900 mm	5	900 mm X 1125 mm

<u></u>	100																M1 - 1	W1-1A	W1-1	W1-1A									
SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Ρ	a	R	S	T	U	٧	W	Х	Y	Area sq. ft.	Area sq. ft.	Area m2	Area m2
1																													
2	24				1/2	12	2 ½	2		1	5 ½	15	24	17	7 1/8								30			3.13	3.91	.36	.46
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 ½	36	25 ½	11 ¾								45			7.03	8.79	. 81	1.05
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 ½	36	25 ½	11 ¾								45			7.03	8.79	.81	1.05
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 ¾								45			7.03	8.79	. 81	1.05

COUNTY:

INTERSTATE ROUTE MARKER M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 08/23/05

For State Traffic Engineer

SHEET NO:

PLOT BY : DITJPH PLOT NAME :

PROJECT NO:

- 1. Sign is Type II See Note 6 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White & Black - See Note 6 Message - Black

- 3. Message Series See note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
- 6. Permanent Signs Background - Type H Reflective Detour or temporary Signs Background - Reflective

	BLACK BLACK
Metric equivalent for this sign is:	>

HWY:

SIZE 600 mm X 600 mm 900 mm X 900 mm 900 mm X 900 mm 900 mm X 900 mm

PROJECT NO:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1																												ļ
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 %	11 ½	1	1 1/8	11 1/4	21 1/8											4.0	. 36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5	12 %	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	.81
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	.81
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0	. 81

COUNTY:

STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 3/20/02 PLATE NO. M1-6.9

SHEET NO:

FILE NAME : C:\Users\Projects\tr_stdplate\M16.DGN

PLOT DATE: 13-OCT-2005 14:55

PLOT BY : DITJPH

PLOT NAME :

PLOT SCALE : 6.715871:1.000000

<u>NOTES</u>

- 1. Sign is Type II Type H reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

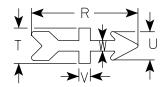
Background - White & Black Message - Black Arrow - Type H Reflective Red

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

BLACK M1-6B Metric equivalent for this sign is:

HWY:

32nd DIVISION ARROW ACTUAL SIZE



TOT THIS SIGN IS:

PROJECT NO:

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.	Area =2
1																												
2	24		1 1/2			12	5 ½	6 1/2	10 1/4	2 1/2	8 %	11 1/2	1	1 1/8	11 1/4	21 1/8		5 1/8	3/4	1 1/8	1 1/2	5/8	5/8	9	1/2	10 1/2	4.0	. 36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5	12 %	17 1/8	1 ½	2 1/8	16 1/8	33		7 1/2	1 1/2	2 1/2	2	7/8	3/4	13 ½	3/4	15 ½	9.0	. 81
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5	12 5/8	17 1/8	1 ½	2 1/8	16 1/8	33		7 1/2	1 ½	2 1/2	2	7/8	3/4	13 ½	3/4	15 ½	9.0	.81
5	36		2 1/4			18	8 3/4	9 1/4	15 ¾	5	12 %	17 1/8	1 ½	2 1/8	16 1/8	33		7 1/2	1 1/2	2 1/2	2	7/8	3/4	13 1/2	3/4	15 1/2	9.0	. 81

COUNTY:

STATE ROUTE MARKER"32"
M1-6B FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Rawl

for State Traffic Engineer

DATE 12/5/05 PLATE NO. M1-6B.2

SCALE : 6 808143:1 000000

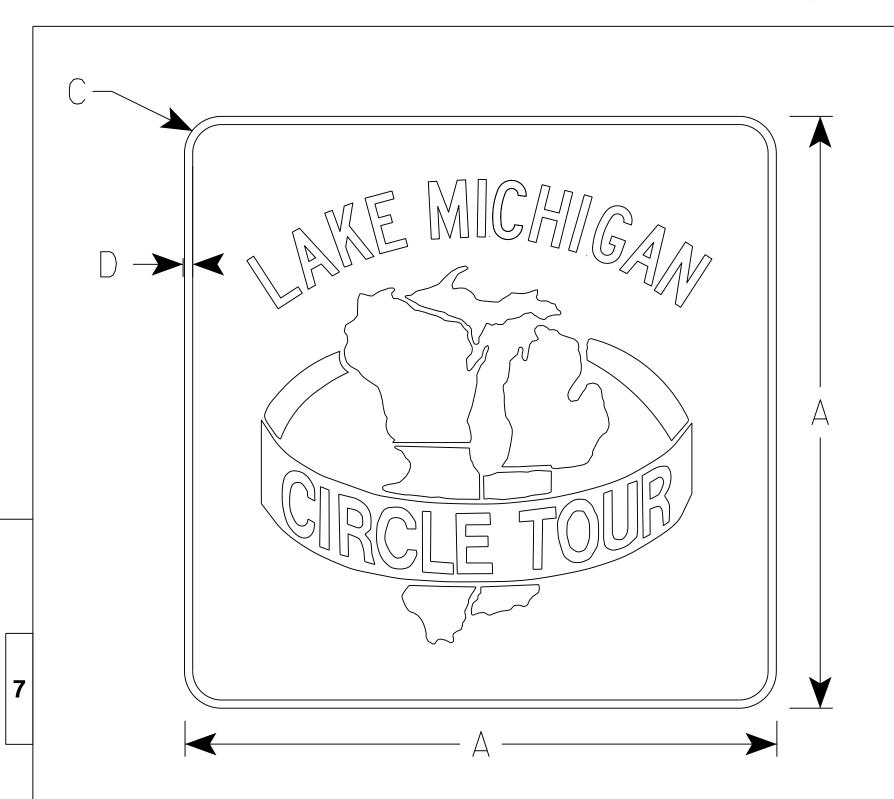
FILE NAME : C:\Users\Projects\tr_stdplate\M16B.DGN

PLOT DATE: 05-DEC-2005 11:29

PLOT BY : DOTDZK

PLOT NAME :

PLOT SCALE: 6.808143:1.000000



HWY:

NOTES

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Green Message - White - Graphics - White Circle Tour Message is Green

- 3. Message Series Special
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1 1																												
2	24			1 1/8	1/2																						4.0	.36
3																												
4	36			1 5/ ₈	3/4																						9.0	.81
5																												

COUNTY:

STANDARD SIGN M1 - 93

WISCONSIN DEPT OF TRANSPORTATION

DATE 11/5/15 PLATE NO. M1-93.2

SHEET NO:

Ε

PROJECT NO:

- 1. Sign is Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background White

Message - Black

MB2-1 Background - Blue

Message - White

MK2-1 Background - Green

Message - White

MM2-1 Background - White

Message - Green

MN2-1 Background - Brown

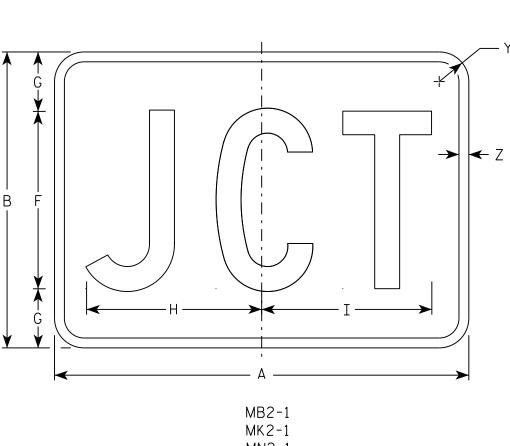
Message - White

MP2-1 Background - White

Message - Blue

MR2-1 Background - Brown

Message - Yellow



MN2-1

MR2-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	J	V	W	Х	Υ	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 1/8	8 %																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 1/8	12 3/8																1 1/2	1/2	4.40

COUNTY:

В

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rauch f_{or} State Traffic Engineer

DATE 10/15/15

PLATE NO. M2-1.12 Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M21 DGN

PROJECT NO:

M2-1

HWY:

MM2-1

MP2-1

PLOT DATE . 01-DEC-2015 17:54

PLOT BY . \$\$ Diotuser \$\$ PLOT NAME :

PLOT SCALE • 4 864603•1 000000







MP3-1









HWY:



NOTES

- 1. All Signs Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

5. M3-1 thru M3-4 Background - White Message - Black

MB3-1 thru MB3-4 Background - Blue

Message - White

MK3-1 thru MK3-4 Background - Green

Message - White

MM3-1 thru MM3-4 Background - White

Message - Green

MN3-1 thru MN3-4 Background - Brown

Message - White

MP3-1 thru MP3-4 Background - White

Message - Blue

6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 1/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 **SERIES**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 10/15/15 PLATE NO. M3-1.14

Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdolote\M31 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

PLOT RY . \$\$ plotuser \$\$ PLOT NAME :

PLOT SCALE . 11 675051.1 000000



- 1. Sign is Type II Type H except as Shown
- 2. Color:

Background - See Note 5 Message - See note 5

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M4-1A Background White

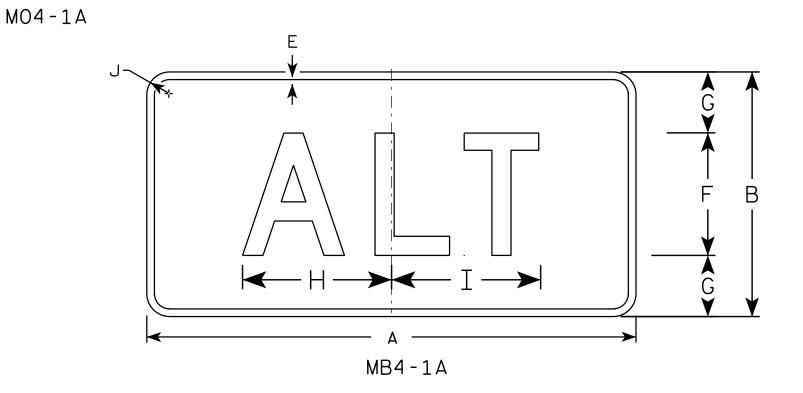
Message - Black

MB4-1A Background - Blue

Message - White

M04-1A Background - Orange - Type F

Message - Black



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3∕8	3/8	6	3	7 1/4	7 3/8	1 1/8																	2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	11	11 1/8	1 1/8																	4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	11	11 1/8	1 1/8																	4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	11	11 1/8	1 1/8																	4.5

COUNTY:

STANDARD SIGN

M4-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R K

For State Traffic Engineer

DATE 6/30/14

PLATE NO. M4-1A.3
SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\M41A.DGN

PROJECT NO:

M4-1A

HWY:

PLOT DATE: 30-JUN-2014 15:28

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 4.708937:1.000000

- 1. Sign is Type II See Note 5 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White - See Note 5 Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Permanent Signs

PLOT NAME :

Background - Type H Reflective Temporary or other temporary Signs Background - Reflective

3

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L M	N	0	Р	Q	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																										
2	24	12	1 1/2	3/8	3/8	6	9 %	3																		2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																		4.5
4																										
5				·																						

COUNTY:

STANDARD SIGN M4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Rauch

For State Traffic Engineer

DATE <u>11/10/10</u>

SHEET NO:

PLATE NO. M4-4.3

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M44.DGN

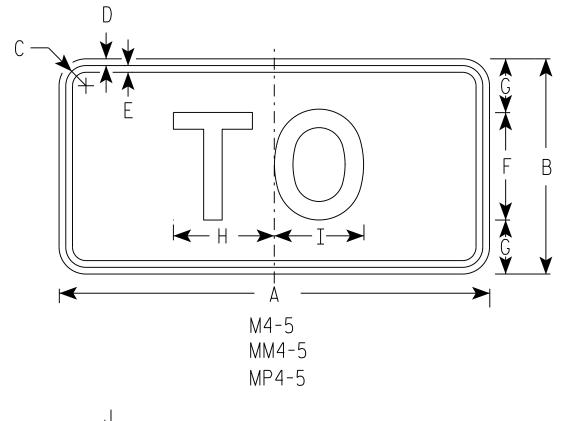
HWY:

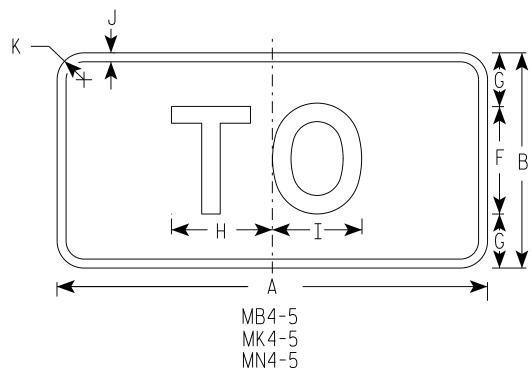
PLOT DATE: 10-NOV-2010 12:29

PLOT BY: ditjph

PLOT SCALE: 3.972696:1.000000

3.972696:1.000000 WISDOT/CADDS SHEET 42





HWY:

NOTES

- 1. Sign is Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series E
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M4-5 Background White

Message - Black

MB4-5 Background - Blue

Message - White

MK4-5 Background - Green

Message - White

MM4-5 Background - White

Message - Green

MN4-5 Background - Brown

Message - White

MP4-5 Background - White

Message - Blue

SIZE	Α	В	С	D	E	F	G	Н	I	7	K	L	М	N	0	Ρ	0	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

COUNTY:

STANDARD SIGN M4-5

ے ۱۷۱۱

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Fac State Traffic Engineer

DATE 10/15/15

PLATE NO. <u>M4-5.8</u>

SHEET NO:

FILE NAME . C.\CAFfiles\Projects\tr stdoldte\M45 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:55

PLOT RY . \$\$ plotuser \$\$ PLOT NAMF :

PLOT SCALE . 5 351066.1 000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

- 3. Message Series B
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

) A G	
	;
→ G →	
Y	

Α С E F G H I J S Х Z D 0 10 10 1/4 1 1/8 3/8 3/8 24 2.0 3 36 1 1/8 3/8 1/2 4 1/2 14 5/8 14 1/2 4.5 4 5

COUNTY:

STANDARD SIGN M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 11/10/10 PLATE NO. M4-8.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48.DGN

PROJECT NO:

HWY:

PLOT DATE: 10-NOV-2010 13:18

PLOT BY : ditjph

PLOT SCALE : 4.767

PLOT NAME :

PLOT SCALE: 4.767233:1.000000

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

2. Color:

Background - Orange Message - Black

- 3. Message Series B
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

 $D \longrightarrow$ Н M4-8A

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	w	Х	Y	Z	Area sq. ft.
$\parallel 1 \parallel$																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5				·	·						·				·												

COUNTY:

STANDARD SIGN M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther

For State Traffic Engineer DATE 3/9/11

PLATE NO. M4-8A.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48A.DGN

HWY:

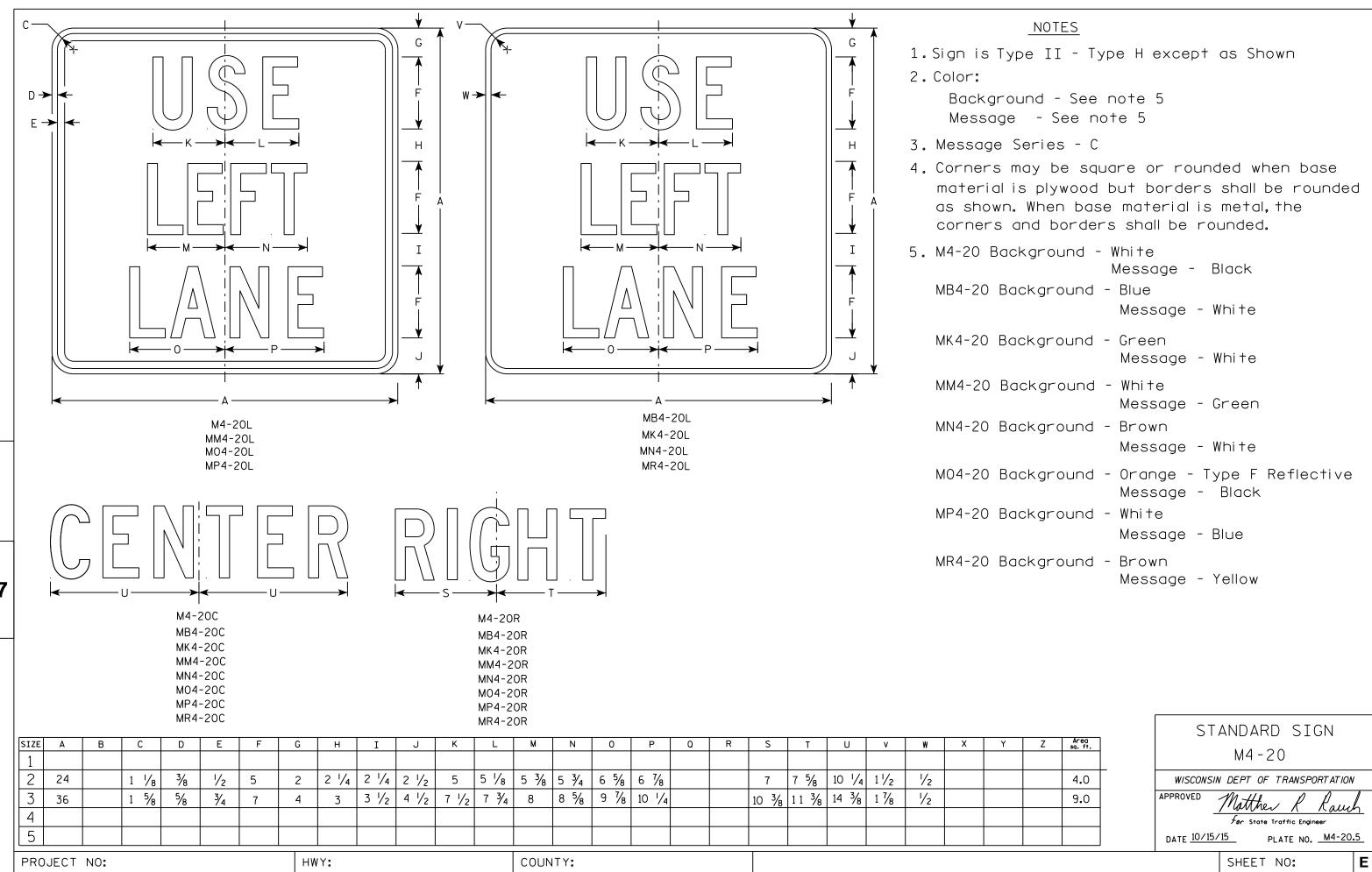
PROJECT NO:

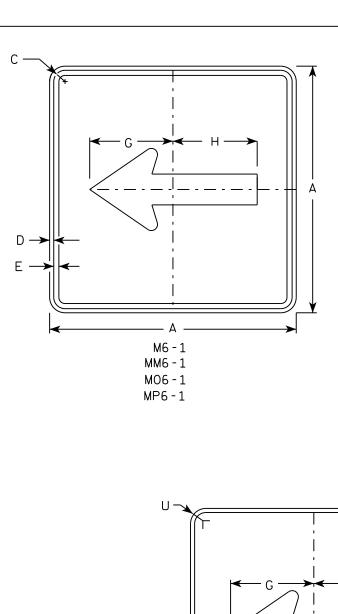
PLOT DATE: 09-MAR-2011 10:29

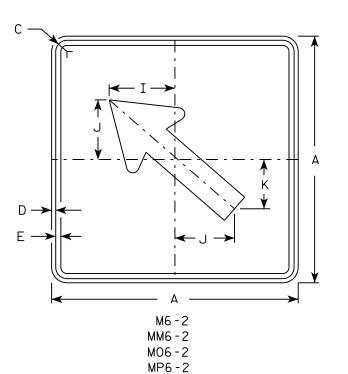
PLOT BY: mscj9h

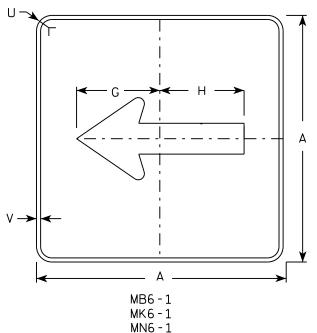
PLOT NAME :

PLOT SCALE: 3.972696:1.000000



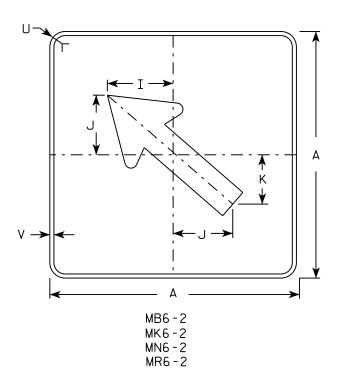






MR6-1

HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White

Message - Black

MB6-1 and MB6-2 Background - Blue

Message - White

MK6-1 and MK6-2 Background - Green

Message - White

MM6-1 and MM6-2 Background - White

Message - Green

MN6-1 and MN6-2 Background - Brown

Message - White

M06-1 and M06-2 Background - Orange - Type F Reflective

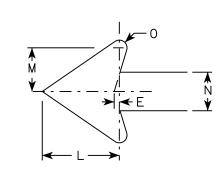
Message - Black

MP6-1 and MP6-2 Background - White

Message - Blue

MR6-1 and MR6-2 Background - Brown

Message - Yellow



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	٥	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1 1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rawl For State Traffic Engineer

Ε

DATE 10/15/15 PLATE NO. M6-1.15

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M61 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:57

PIOT RY . \$\$ plotuser \$\$ PIOT NAMF :

PLOT SCALE . 11 675051.1 000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Red Message - White

3. Message Series - C

*								— А — ;											A	
									H			- G -							F	A
		E						 	-1			_//								*
D	E	F	G	н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

COUNTY:

STANDARD SIGN R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>11/12/15</u>

PLATE NO. _____R1-1.13

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R11.DGN

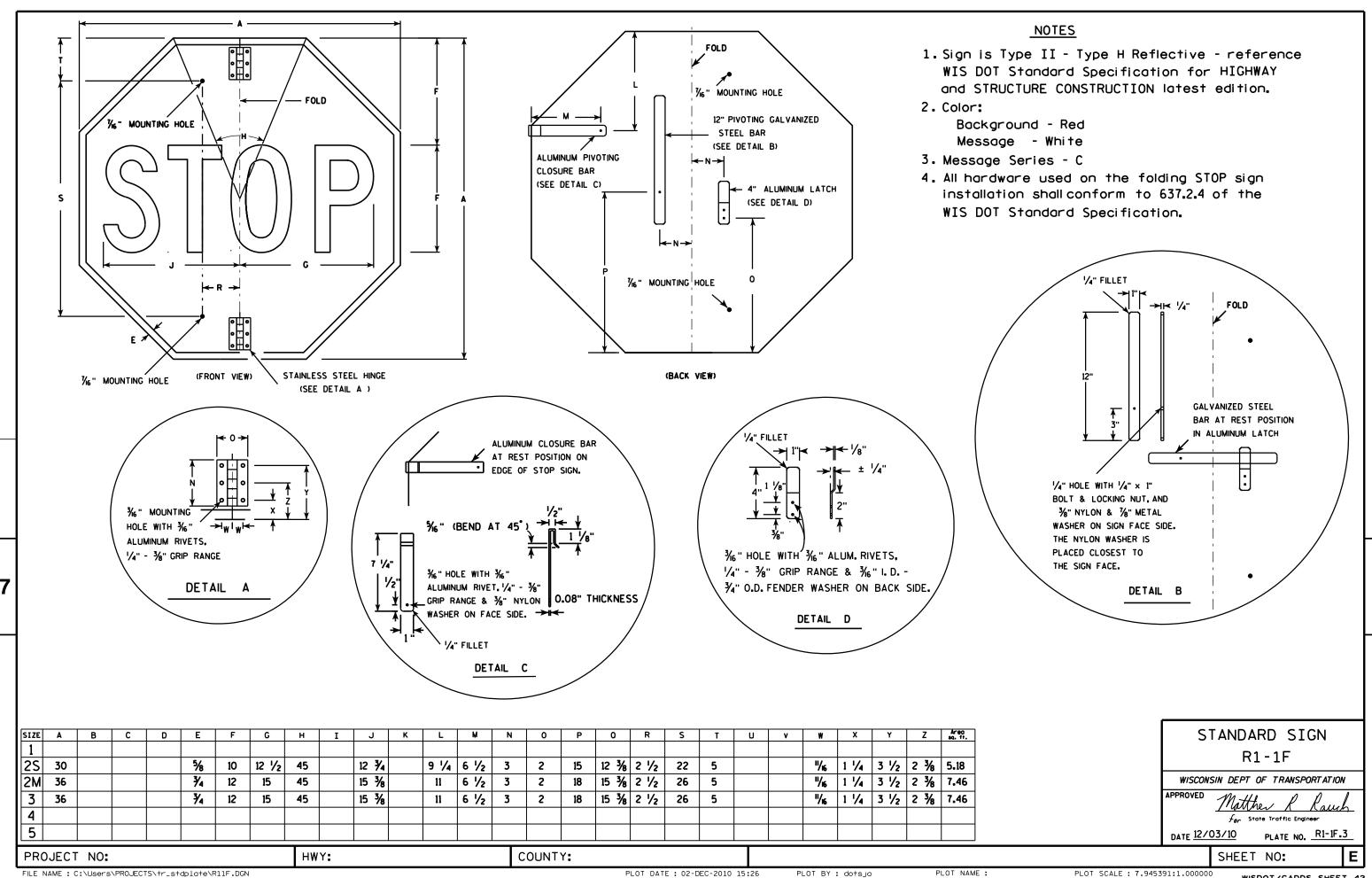
HWY:

PROJECT NO:

PLOT DATE: 22-AUG-2017 07:19

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

PLOT SCALE: 4.427909:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 5

3. Message Series - C

PLOT NAME :

- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. The border strip and word message are reflectorized red.

A	
	G
	\\ \ F \\ \ \ \
E	 B
D D	
R1-2	

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	T	U	V	W	Х	Y	Z	Area sq. ft.
1	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7 ⁄8	4	3 %																	2.71
25	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 %																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 %																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 %																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 1/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 1/8	5/8	2 3/8	2 1/4																	0.97

COUNTY:

STANDARD SIGN R1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rauch

 f_{or} State Traffic Engineer

3/14 PLATE NO. R1-2.12

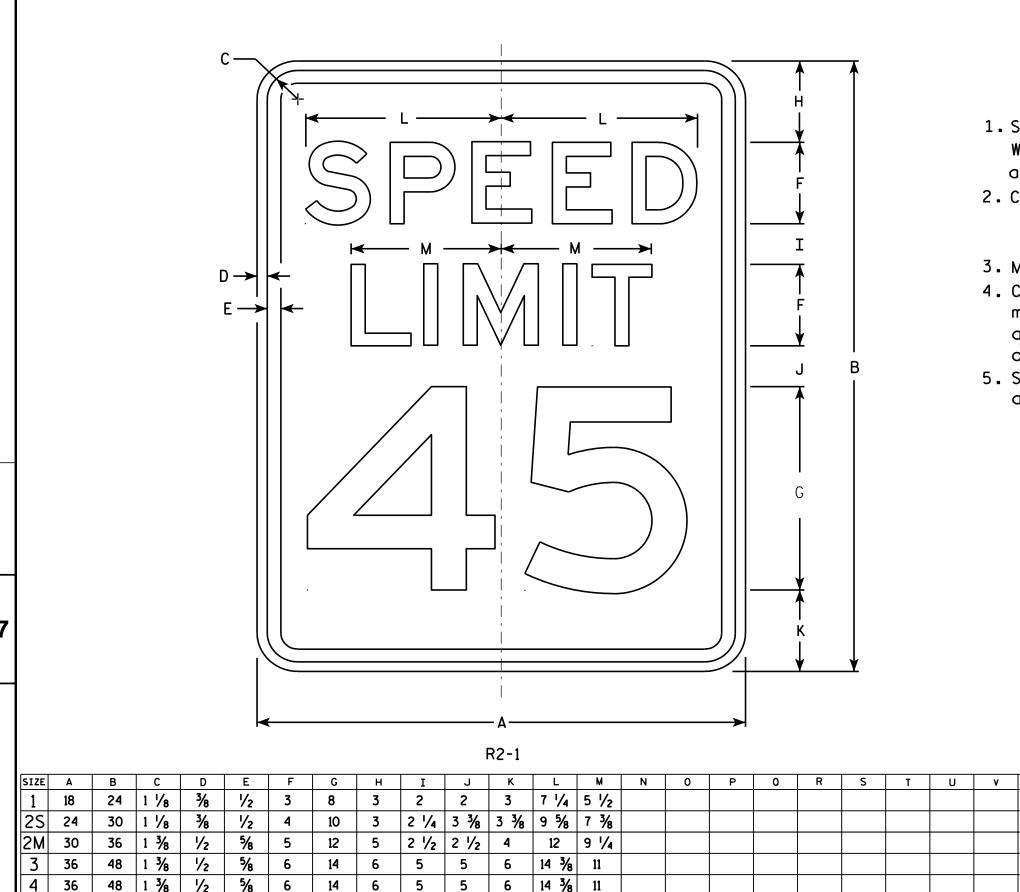
DATE 10/13/14 PLA

SHEET NO:

311221

PROJECT NO:

HWY:



4 1/2 6 3/4 6 3/4 19 1/4 14 5/8

COUNTY:

20

HWY:

6

NOTES

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series E
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal. the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

3.0

5.0

7.5

12.0

12.0

20.0

STANDARD SIGN R2-1

WISCONSIN DEPT OF TRANSPORTATION APPROVED

Matther R Raus For State Traffic Engineer PLATE NO. R2-1.13

DATE <u>5/26/1</u>0

SHEET NO:

2 1/4

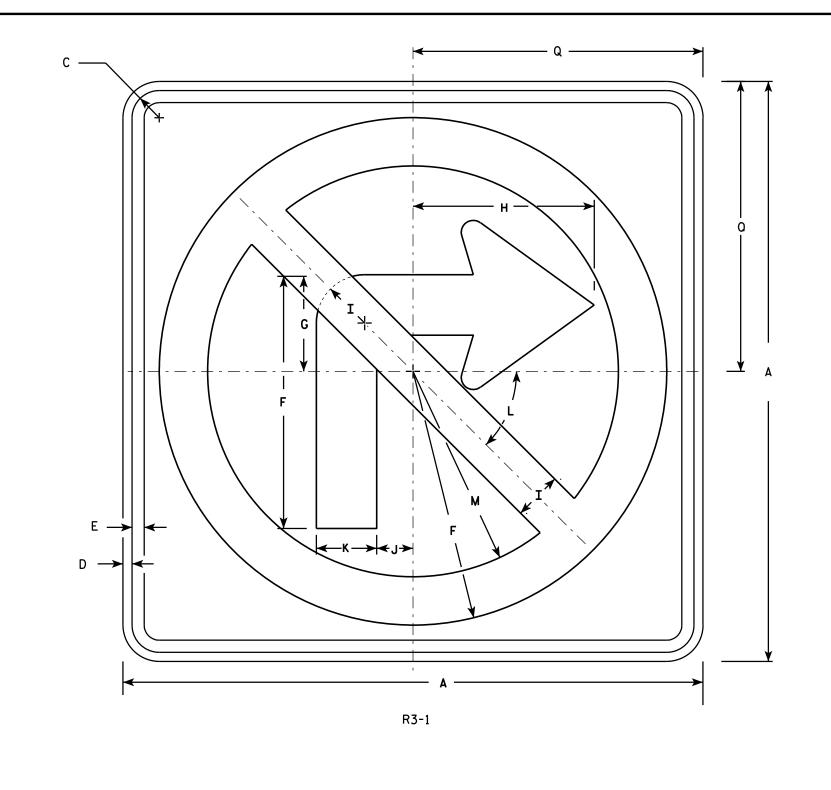
60

5

48

PROJECT NO:

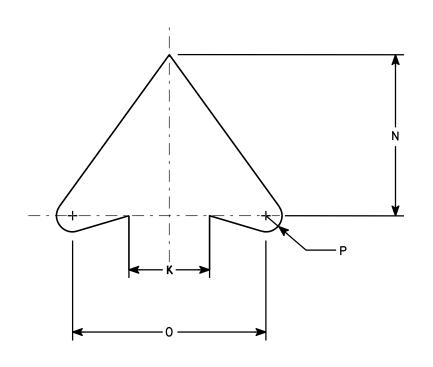
PLOT NAME :



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	4 5	8 ½	5	6	1/2	12										4.0
2M	36		1 %	5/8	3/4	15 ¾	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 %	5/8	3/4	15 ¾	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 %	5/8	3/4	15 ¾	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0
PRO	PROJECT NO: HWY:											СО	UNTY:														

STANDARD SIGN R3-1

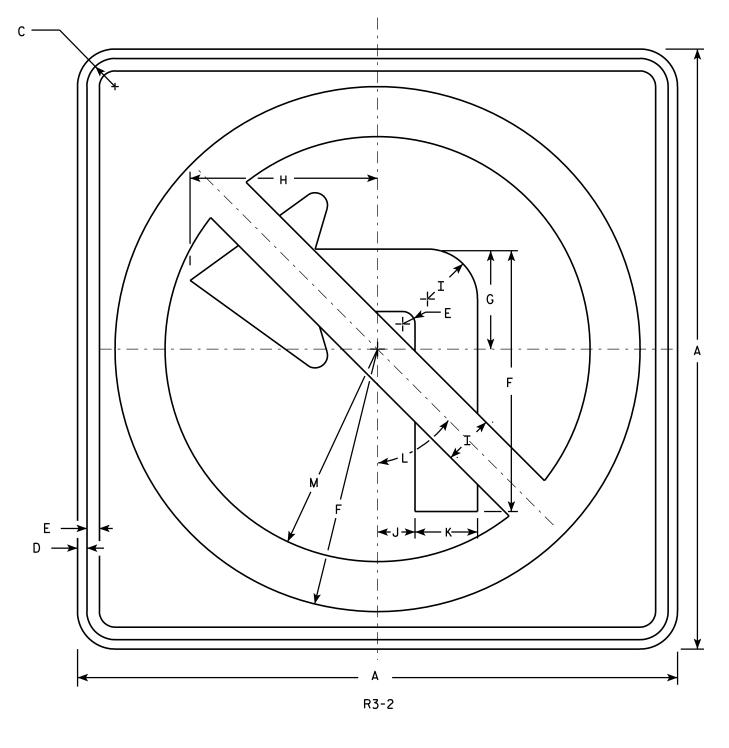
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther

DATE12/08/10

PLATE NO. __R3-1.5

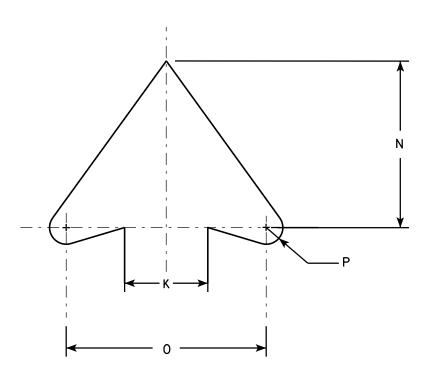
SHEET NO:



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	₩	X	Y	Z	Area sq. ft.
1	24		1 1/8	3⁄8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
25	24		1 1/8	3∕8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 ½	9	3/4											9.0
3	36		1 1/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 ½	9	3/4											9.0
4	36		1 1/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 ½	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1										_	16.0

COUNTY:

STANDARD SIGN R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 $f_{\it or}$ State Traffic Engineer

DATE 12/08/10

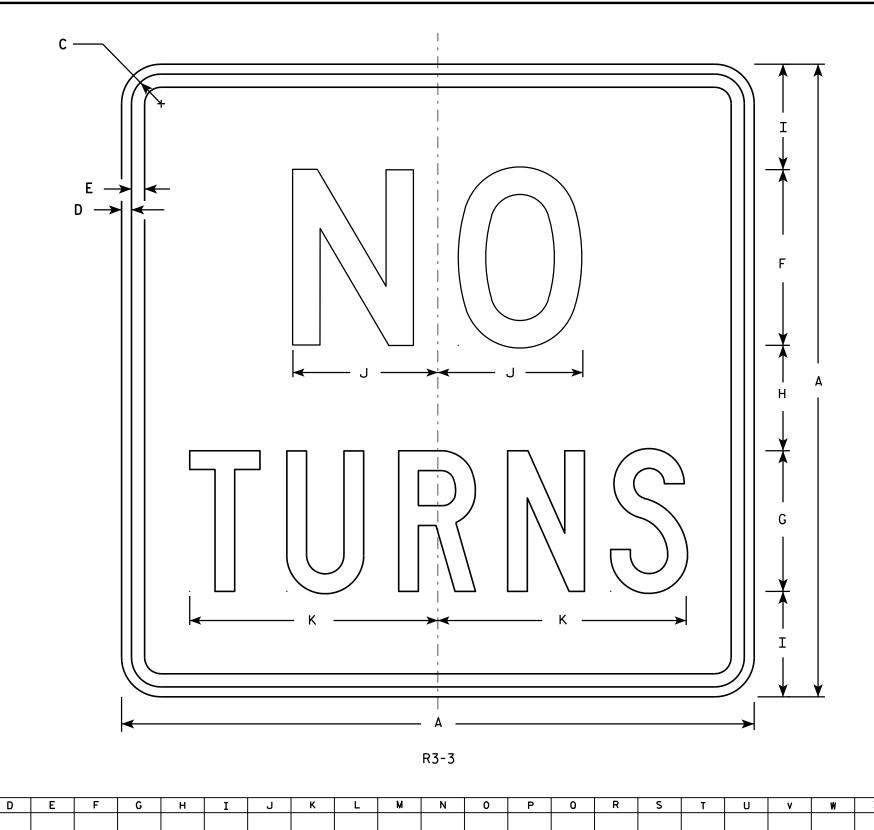
PLATE NO. R3-2.10

SHEET NO:

HWY:

PROJECT NO:

PLOT NAME :



COUNTY:

NOTES

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series See Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Line 1 is Series D and Line 2 is Series C.

4.0 9.0 9.0 9.0 16.0

WISCONSIN DEPT OF TRANSPORTATION

R3-3

STANDARD SIGN

APPROVED

SHEET NO:

 f_{or} State Traffic Engineer PLATE NO. R3-3.10 DATE 12/08/10

PLOT NAME :

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R33.DGN

1 1/8

1 %

1 %

1 5/8

2 1/4

3/8

5/8

5/8

5⁄8

3/4

1/2

3/4

3/4

3/4

6

10

10

10

12

5

8

8

8

10

4

6

6

6

8

HWY:

6

6

9

4 1/2 | 5 1/8 | 8 3/4

8 1/4 14 1/8

8 1/4 14 1/8

8 1/4 14 1/8

10 1/4 17 5/8

SIZE

2S

2M

3

4

5

24

36

36

36

48

PROJECT NO:

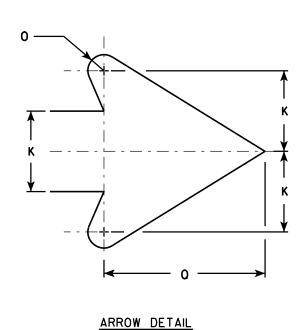
PLOT DATE: 08-DEC-2010 14:58 PLOT BY: dotsja

PLOT SCALE : 5.462457:1.000000

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



c	* *
	G V A I I I I I I I I I
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l																											
SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	M	N	0	P	0	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
25	24		1 1/8	3/8	1/2		4 3/4	13 1/4	6	2	2 1/2	5 1/4	10 1/2	45°	1/2		5										4.0
2M	36		1 %	5⁄8	3/4		7 1/8	19 1/8	9	3	3 3/4	7 1/8	15 ¾	45°	3/4		7 5/8										9.0
3	36		1 %	5/8	3/4		7 1/8	19 1/8	9	3	3 3/4	7 1/8	15 ¾	45°	3/4		7 %										9.0
4	36		1 %	5/8	3/4		7 1/8	19 %	9	3	3 3/4	7 1/8	15 ¾	45°	3/4		7 %										9.0
5	36		1 %	5/8	3/4		7 1/8	19 1/8	9	3	3 3/4	7 1/8	15 ¾	45°	3/4		7 %										9.0

COUNTY:

R3-4

STANDARD SIGN R3-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 $f_{\it or}$ State Traffic Engineer PLATE NO. __R3-4.11

DATE12/08/10 SHEET NO:

PLOT NAME :

PLOT BY: dotsja

PLOT SCALE: 5.959043:1.000000

WISDOT/CADDS SHEET 42

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R34.DGN

HWY:

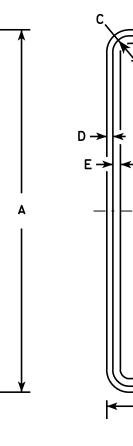
PROJECT NO:

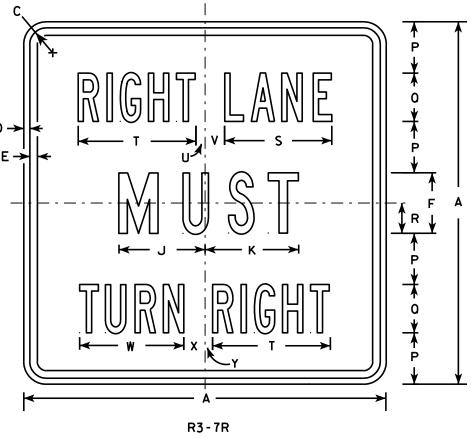
PLOT DATE: 08-DEC-2010 15:34

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series Line 1 is Series B. Line 2 is Series C. Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.





SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	V	w	Х	Y	Z	Areg sq. ft.
1	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 %	4 1/4	4	2 1/2	8 %	9 3/4	3/4	1 %	8 %	1 %	5/8		6.25
2S	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 %	4 1/4	4	2 1/2	8 1/8	9 3/4	3/4	1 %	8 %	1 %	5/8		6.25
2M	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 %	4 1/4	4	2 1/2	8 %	9 3/4	3/4	1 %	8 %	1 %	5%		6.25
3	36		1 %	5/8	3/4	6	9 %	2	1 1/8	8 3/4	9	13 ½	3 %	1 1/2	12 1/2	5	5	3	10 %	12	%	2 1/4	10 %	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 ½	11 1/2	11 1/8	17 3/4	3 %	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 1/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

STANDARD SIGN R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

PLATE NO. R3-7.3 DATE 3/18/2011

SHEET NO:

PROJECT NO:

R3-7L

HWY:

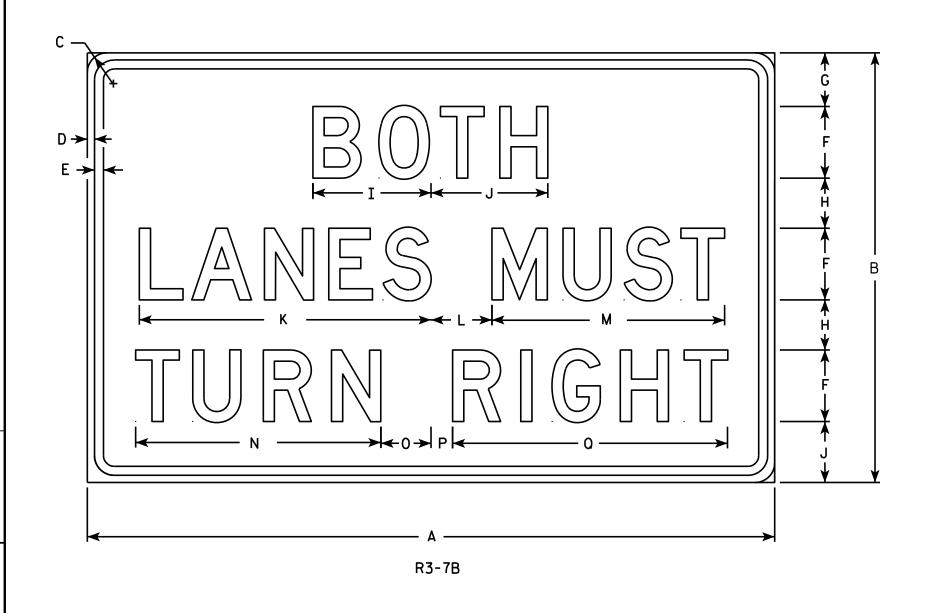
COUNTY:

PLOT DATE: 18-MAR-2011 09:43 PLOT BY: mscsja PLOT NAME :

PLOT SCALE: 7.945391:1.000000

WISDOT/CADDS SHEET 42

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R37.DGN



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE D Ε 2S 5/8 3 3/4 3 1/2 8 1/4 8 1/8 20 3/8 4 1/4 16 1/4 17 1/8 3 1/2 1 1/2 19 1/4 48 1 3/8 1/2 10.0 30 2M 3 3/4 3 1/2 8 1/4 8 1/8 20 3/8 4 1/4 16 1/4 17 1/8 3 1/2 1 1/2 19 1/4 30 10.0 3 4 5

COUNTY:

STANDARD SIGN R3-7B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 3/18/2011

PLATE NO. R3-7B.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R37B.DGN

PROJECT NO:

HWY:

PLOT DATE: 18-MAR-2011 09:52

PLOT NAME :

PLOT BY: mscsja

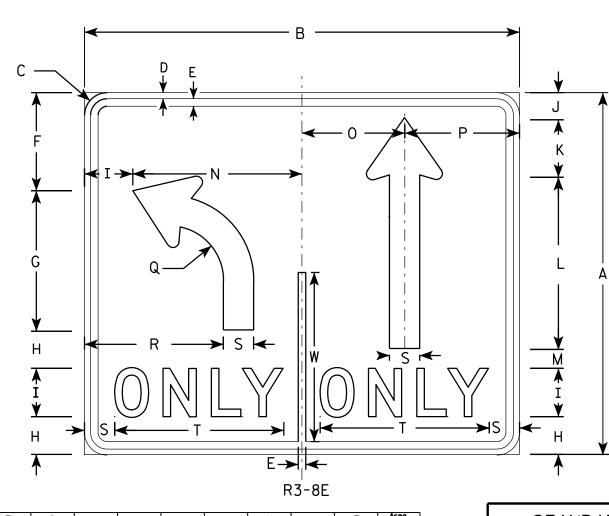
PLOT SCALE: 6.703924:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - WHITE Message - BLACK

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



K K W N N N N N N N N N N N N N N N N N	F G A H I Y H
R3-8D D S L	↑ U ¥

HWY:

l																											
SIZE	Α	В	C	D	E	F	G	Н	I	J	K	L	M	N	0	P	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S 2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 %	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 %	3/8	14				7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	14	8 1/2	9 1/2	4 1/2	11 1/2	2 1/2	14	2 %	3/8	14				7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 %	4	5/8	22 3/8				18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7 1/8	21 1/2	4 3/4	21	12 3/4	14 1/4	7 1/4	17 1/8	3 3/4	20 %	4	5/8	22 3/8				18.0

COUNTY:

ARROW DETAIL

STANDARD SIGN R3-8D & R3-8E

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

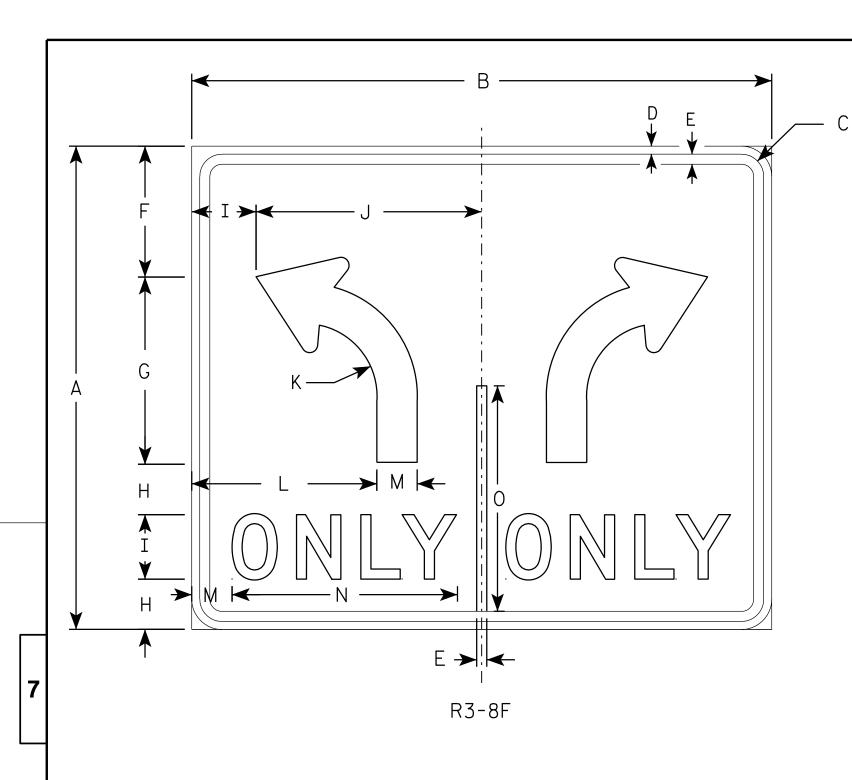
AND ALL O O D

For State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8D.2

SHEET NO:

PROJECT NO:



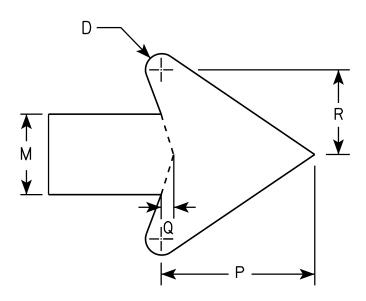
HWY:

NOTES

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - WHITE Message - BLACK

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	P	0	R	S	T	U	٧	W	×	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	8 1/8	11 %	3 1/8	4	14	4 1/2	11 1/2	2 1/2	14	14	4 3/4	3/8	2 %									7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	14	4 1/2	11 1/2	2 1/2	14	14	4 3/4	3/8	2 %									7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	21	7 1/4	17 1/4	3 3/4	20 %	22 ¾	7 1/8	5/8	4									18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	21	7 1/4	17 1/4	3 3/4	20 %	22 ¾	7 1/8	5/8	4									18.0

COUNTY:

STANDARD SIGN R3-8F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

That K Rauch

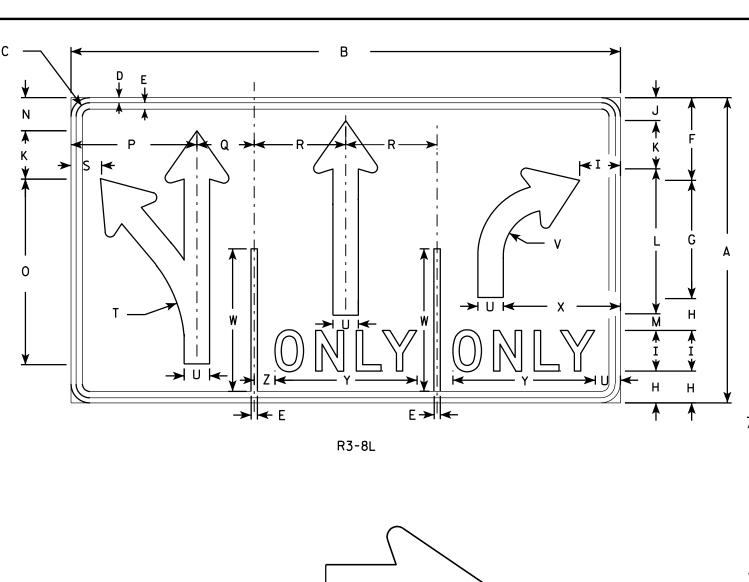
For State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8F.2

SHEET NO:

5.050.05

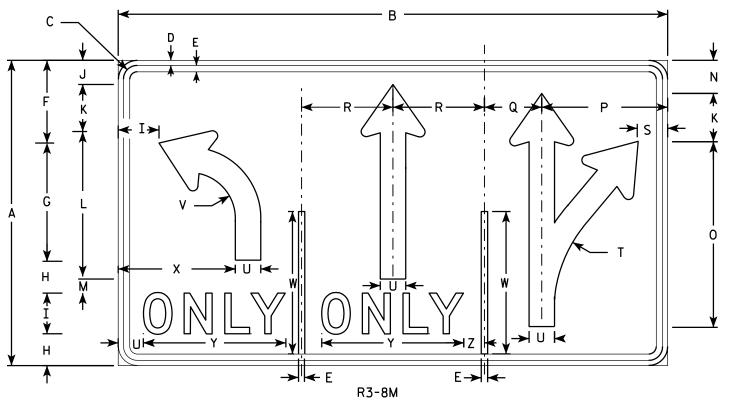
PROJECT NO:



- Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - WHITE Message - BLACK

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SEE R3-8 FOR ARROW DETAIL

SIZE	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	30	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 %	3 1/4	18 1/4	12 3/8	5 %	9	3	13 1/4	2 1/2	4 1/2	14	11 1/2	14	2	11.25
2M	30	54	1 3/8	1/2	5/8	8 1/8	11 %	3 1/8	4	2 1/4	4 3/4	14 1/4	1 %	3 1/4	18 1/4	12 3/8	5 %	9	3	13 1/4	2 1/2	4 1/2	14	11 1/2	14	2	11.25
3																											
4	48	84	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7	29 1/8	2 1/8	5 1/4	29 1/8	18 %	8 ¾	14	4 3/8	21 7/8	3 3/4	7 1/4	22 3/8	17 1/4	20 %	3 1/4	28.0
5	48	84	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	3 1/2	7	29 1/8	2 1/8	5 1/4	29 1/8	18 5/8	8 3/4	14	4 3/8	21 7/8	3 3/4	7 1/4	22 3/8	17 1/4	20 %	3 1/4	28.0

STANDARD SIGN R3-8L & R3-8M

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 3/21/2011 PLATE NO. R3-8L.2

SHEET

SHEET NO:

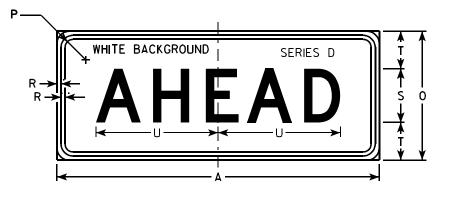
PROJECT NO:



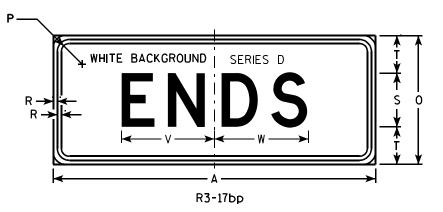
- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - AS SHOWN
Message - BLACK

- 3. Message Series C or as noted on the Signs.
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R3-17ap



																											R3-17	R3-17ap	R3-17b
IZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Areg sq. ff.	Areg sq. it.	Areg sq. fr.
1																													
25	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 1/8	6 3/8	9 1/2	2 5/8	7∕8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 %	8 3/4	2 3/8	15 %	8	5.0	2.5	2.5
2M	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 1/8	6 3/8	9 1/2	2 5/8	7∕8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 %	8 3/4	2 3/8	15 %	8	5.0	2.5	2.5
3																													
4																													
5																													

STANDARD SIGN R3-17 & R3-17a&bp

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & R.

For State Traffic Engineer

DATE 4/12/2011 PLATE NO. R3-17.2

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R317.DCN

PROJECT NO:

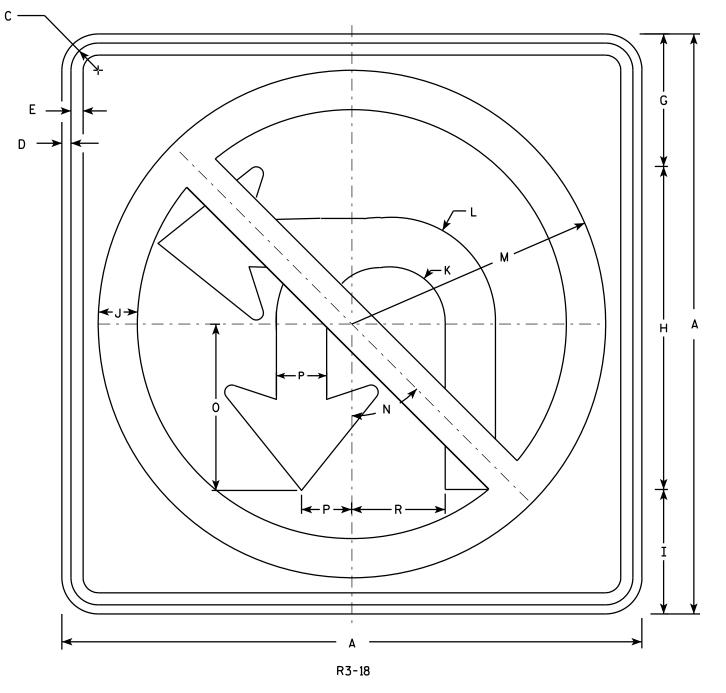
PLOT DATE: 02-APR-2013 14:09

PLOT BY: mscj9h

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



SIZE D 0 2S 3/8 5 1/2 13 3/8 5 1/8 1 5/8 2 1/4 4 1/4 10 1/2 45° 6 3/8 2 1/8 24 1 1/8 1/2 3 % 4.0 2M 20 7 3/4 2 1/2 3 3/8 6 1/2 15 3/4 45° 103/8 3 1/8 36 1 1/8 5/8 ₹4 5 3/4 9.0 3 1 1/8 5/8 3/4 20 7 3/4 2 1/2 3 3/8 6 1/2 15 3/4 45 103/8 3 1/8 5 3/4 36 9.0 4 20 | 7 3/4 | 2 1/2 | 3 3/8 | 6 1/2 | 15 3/4 | 45 | 103/8 | 3 1/8 36 1 1/8 5/8 3/4 5 3/4 9.0 5 26 3/4 10 1/4 3 1/4 4 5/8 8 5/8 2 1/4 21 45° | 13 ¾ 4 1/8 7 3/4 48

COUNTY:

STANDARD SIGN R3-18

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 11/21/10

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R318.DGN

PROJECT NO:

HWY:

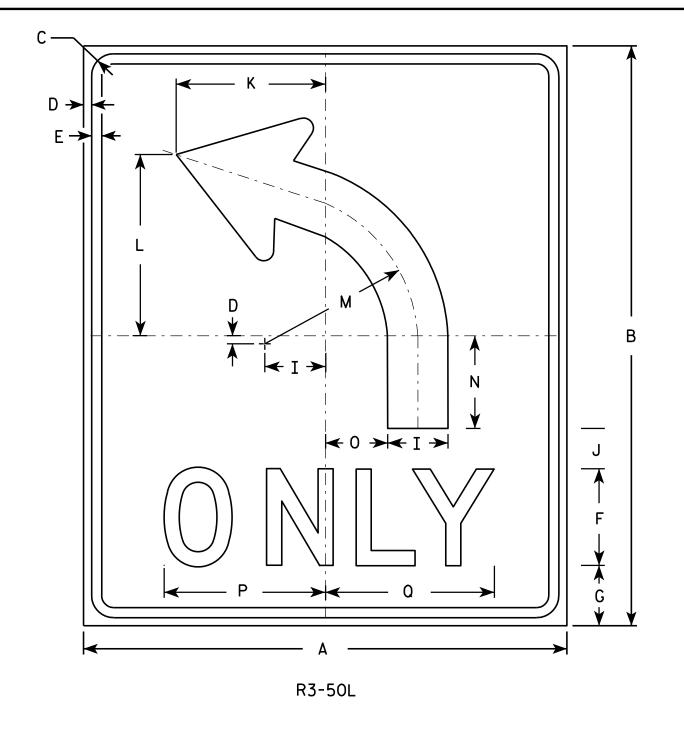
PLOT DATE: 21-DEC-2010 10:58

PLOT BY: dotsja PLOT NAME:

PLOT SCALE: 5.959043:1.000000

WISDOT/CADDS SHEET 42

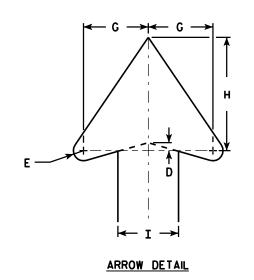
PLATE NO. R3-18.2



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R3-50R is the same as R3-50L except curved portion of arrow points right.



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
25	30	36	1 3/8	1/2	5%	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 %	10	10 1/2										7.5
2M	30	36	1 3/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 %	10	10 1/2										7.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R3-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauh

For State Traffic Engineer

DATE 3/24/2011

24/2011 PLATE NO. R3-50.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R350.DGN

PROJECT NO:

HWY:

PLOT DATE: 24-MAR-2011 13:40

PLOT NAME :

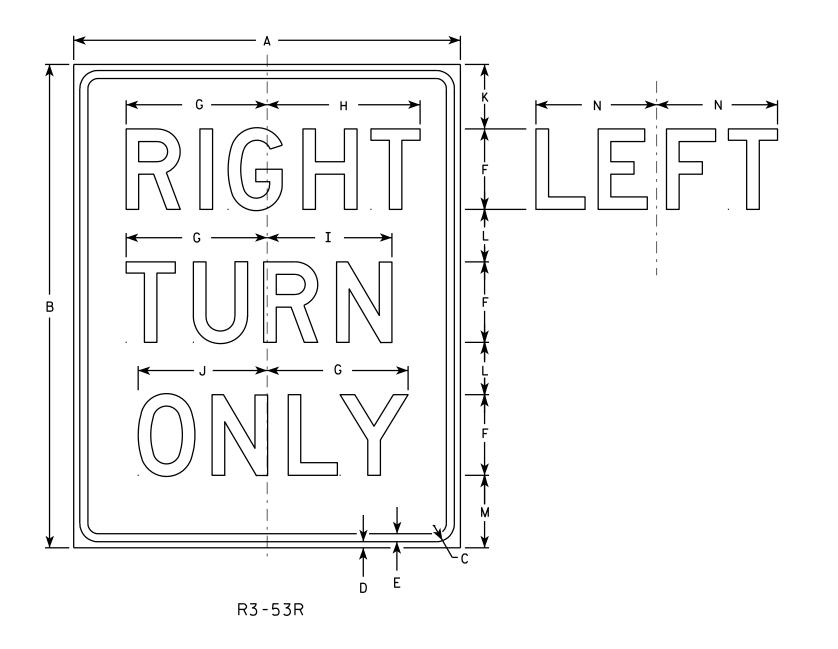
PLOT BY: mscsja

PLOT SCALE: 5.959043:1.000000

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R3-53L same as R3-53R except LEFT is substituted for RIGHT.



2S 2M 3/8 8 3/4 9 1/2 7 3/4 24 30 | 1 1/8 1/2 5 4 | 3 1/4 | 4 1/2 | 7 1/2 5.0 8 3/4 9 1/2 7 3/4 24 30 | 1 1/8 3/8 1/2 3 1/4 4 1/2 7 1/2 5.0 3 24 30 1 1/8 3/8 8 3/4 9 1/2 7 3/4 3 1/4 4 1/2 7 1/2 1/2 5.0 4 5

STANDARD SIGN R3-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 f_{or} State Traffic Engineer DATE 3/24/2011 PLATE NO. R3-53.8

SHEET NO:

HWY:

COUNTY:

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 5.959043:1.000000

WISDOT/CADDS SHEET 42

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R353.DGN

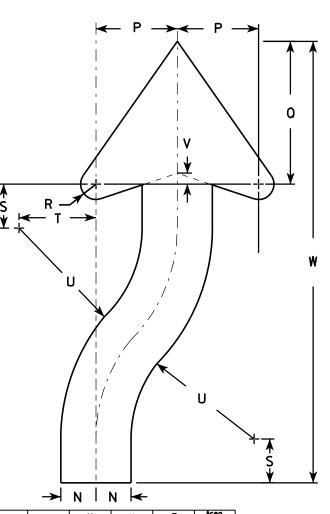
PROJECT NO:

PLOT DATE: 24-MAR-2011 14:54

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
- 2. Color:

Background - White Message - Black

- 3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
- 4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

																							→	N I	N 		
SIZE	Α	В	С	D	Ε	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Arec sq. f
1	18	24	1 1/8	3∕8	1/2	3 %	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5%	1 %	3 1/4	6 3/4	1/2	20 3/8				3.0
25	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 %	3	8	4	12 1/2	2	30	4 %	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2N	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 1/8	3	8	4	12 1/2	2	30	4 %	8 1/8	7 ⁄8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 1/8	4 1/2	12	6	18 3/4	3	45	6 %	12 1/4	1 1/4	3 3/4	6 %	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 1/8	4 1/2	12	6	18 3/4	3	45	6 %	12 1/4	1 1/4	3 3/4	6 %	13 1/2	1	40 3/4				12.
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 %	5	8 ¾	18	1 1/4	50 1/4				20.

COUNTY:

R4-7

STANDARD SIGN R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

State Traffic Engineer
3/25/2011 PLATE NO. R4-

DATE 3/25/2011 PLATE NO. R4-7.8

SHEET NO:

PROJECT NO:

D→

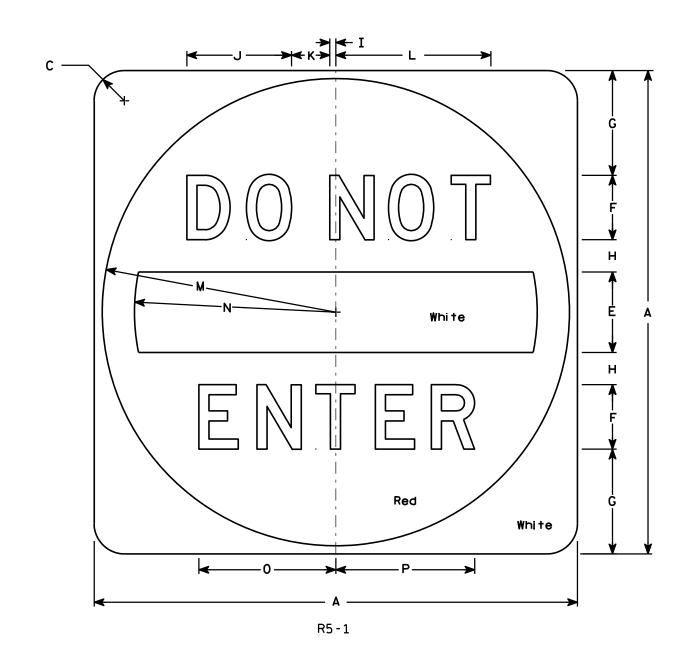
HWY:

<u>NOTES</u>

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See detail Message - White - Type H Reflective

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
25	30		1 1/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 %	14 1/2	12 1/2	8 1/2	8 %											6.26
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 %	10 ¾											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 %	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 %	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 %	14 1/2	23 ½	20	12 3/4	12 1/8											16.0

COUNTY:

STANDARD SIGN R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 12/17/10

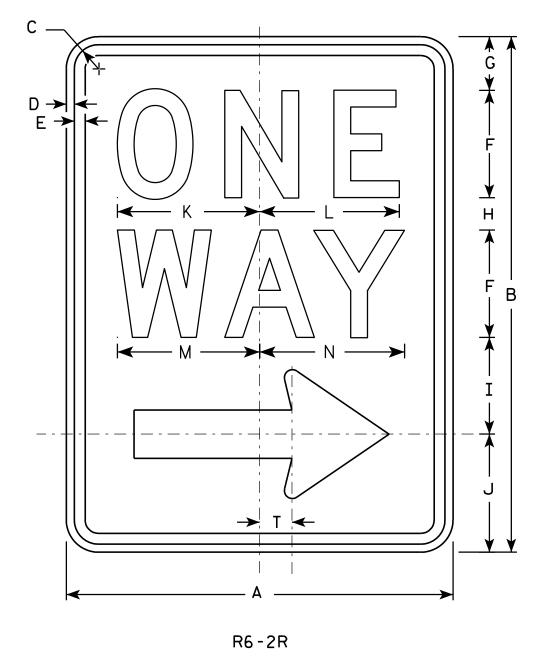
10 PLATE NO. R5-1.15

Р

PLOT NAME :

HWY:

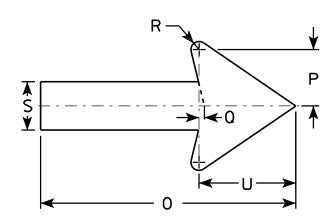
PROJECT NO:



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 ½	6 %	6 1/2	6 %	6 3/4	11 1/8	2 %	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 %	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2	6 %	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 1/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 %	1/2	3/4	4 3/4	3	9					
4	36	48	1 1/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 %	1/2	3/4	4 3/4	3	9					
5																										

COUNTY:

STANDARD SIGN R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 11/2/10

PLATE NO. R6-2.8 SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R62.DGN

HWY:

PROJECT NO:

PLOT DATE: 02-NOV-2010 15:25

PLOT BY: ditjph

PLOT NAME :

PLOT SCALE: 4.469282:1.000000



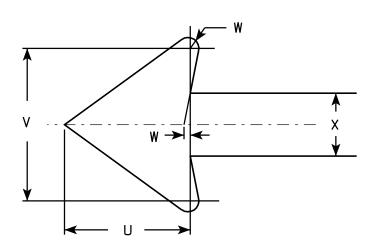
- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Red

- 3. Message Series See Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1, 3 and 4 are series C, line 2 is series B.
- 6. R7-1D (double arrow)

R7-1L (left arrow)

R7-1R (right arrow)



R7-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 %	2	%	5/8	1 1/2	2 1/2	2	2	4 %	4 1/8	2 1/4	2 1/8	2 1/2	3 %	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 %	7 1/8	7	2 3/4	2 %	3 1/8	5 %	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

COUNTY:

STANDARD SIGN R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

ROVED

Matthew Rauch

For State Traffic Engineer

DATE 3/31/2011

1 PLATE NO. R7-1.9
SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.DGN

HWY:

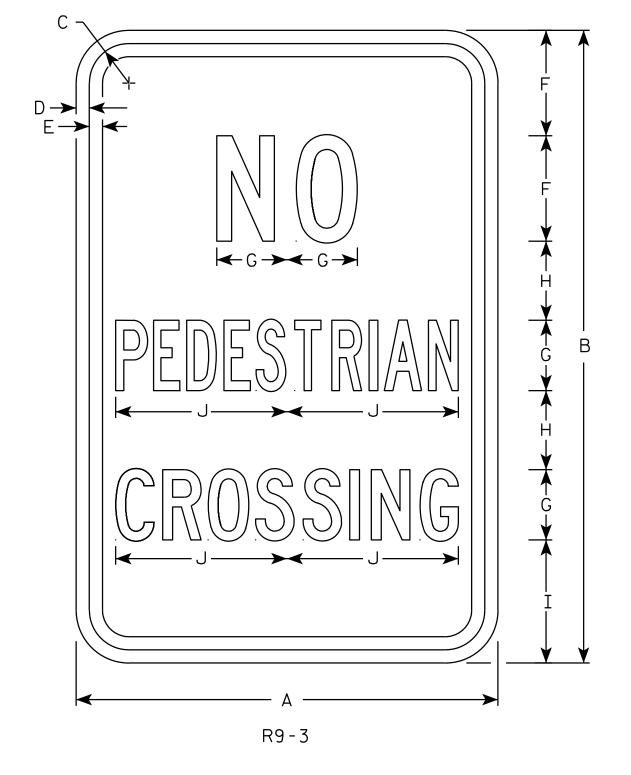
PROJECT NO:

PLOT DATE: 31-MAR-2011 09:20

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 3.476110:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series See note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1 & 3 are Series C Line 2 is Series B

PLOT NAME :

Α Z I 3/8 3∕8 2 1/4 3 1/2 4 7/8 12 1 1/8 3 1.5 18 2M 2 1/4 3 1/2 4 7/8 1 1/8 1.5 3 4 5 HWY: COUNTY: PROJECT NO:

STANDARD SIGN R9-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther & Lawh

for State Traffic Engineer

DATE 4/1/2011

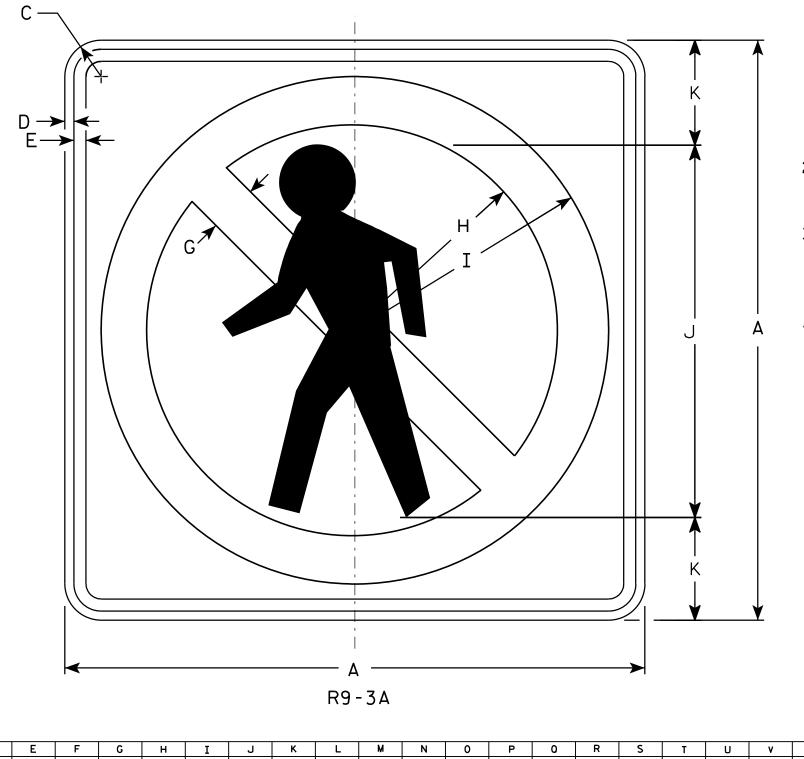
D11 PLATE NO. R9-3.6
SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R93.DGN

PLOT DATE: 01-APR-2011 10:44

PLOT BY: mscsja

PLOT SCALE: 2.731229:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. Border & Pedistrian are non-reflective black. Circle with diagonal bar is reflective red.

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Areo sq. ft.
1																											
2S	18		1 1/8	3/8	3/8		1 1/2	6 1/4	7 %	12	3																2.25
2M	18		1 1/8	3/8	3/8		1 1/2	6 1/4	7 1/8	12	3																2.25
3																											
4	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
5																											

COUNTY:

STANDARD SIGN R9-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 6/4/10 PLATE NO. R9-3A.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R93A.DGN

HWY:

PROJECT NO:

PLOT DATE: 04-JUN-2010 14:02

PLOT BY: ditjph

PLOT NAME :

PLOT SCALE: 3.972696:1.000000

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series C Line 1. Series B Line 2
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R9-3BL is the same as R9-3BR except USE and the arrow are switched.

$C \frown$		
P S S S S S S S S S S S S S S S S S S S	$ \begin{array}{c c} & & & \\ & & & &$	▲
11.3 3011		

SIZE	Α	В	С	D	Ē	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
25	18	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
2M	18	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R9-3BR&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 6/4/10

PLATE NO. R9-3B.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R93B.DGN

HWY:

PROJECT NO:

PLOT DATE: 04-JUN-2010 13:06

PLOT NAME :

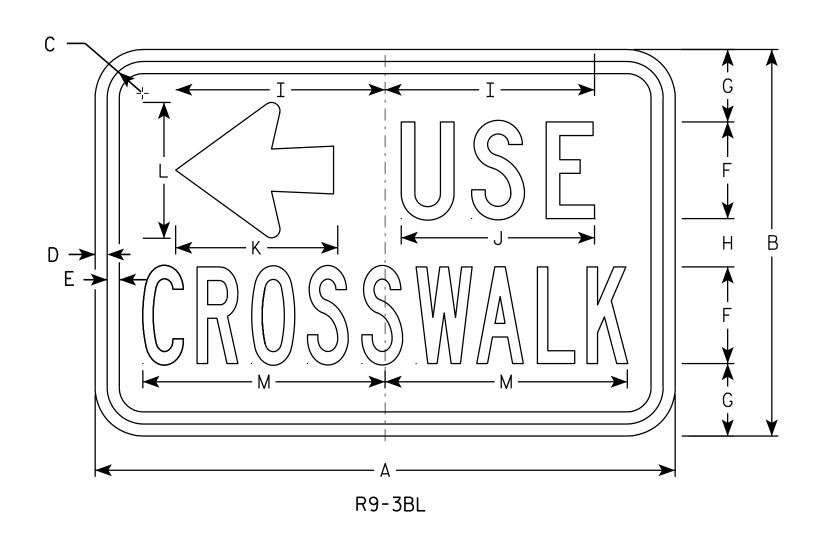
PLOT BY : ditjph

PLOT SCALE: 2.979524:1.000000

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series C Line 1. Series B Line 2
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Metric equivalent for this sign is:

SIZE					
1					
2	450	mm	X	300	mm
3					
4					
5					

PROJECT NO:

SIZE	Α	В	С	D	Ε	F	G	Η	I	7	K	L	M	N	0	Р	0	R	S	Τl	י נ	v	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	18	12	11/8	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5	0.14
3																												
4																												
5																												

COUNTY:

STANDARD SIGN R9-3BL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE 10/05/09

O9 PLATE NO. R9-3BL.1
SHEET NO:

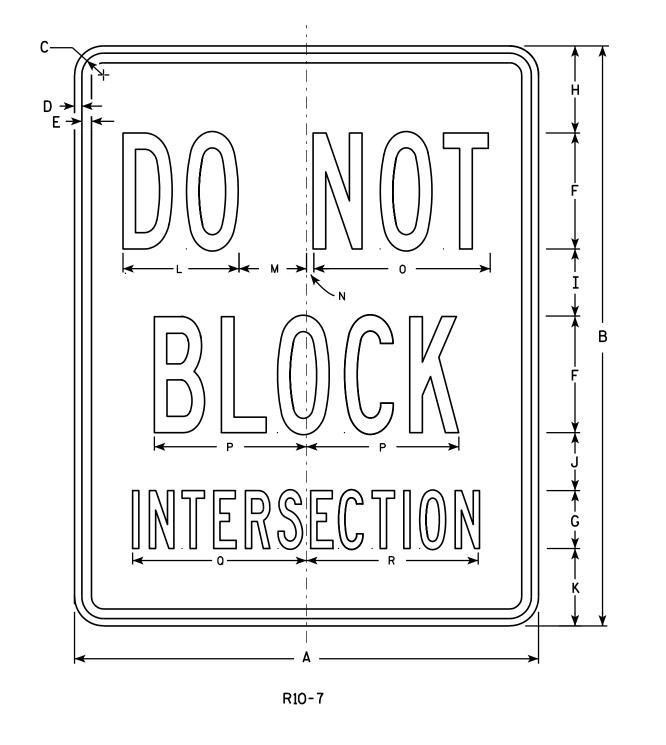
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R93BL.DGN

HWY:

PLOT DATE: 05-MAR-2010 11:08

PLOT BY: dotsja PLOT NAME:

PLOT SCALE: 2.979524:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series B
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal. the corners and borders shall be rounded.

н 3/8 4 1/2 3 1/2 3 3/8 9 1/8 7 7/8 24 30 | 1 1/8 | 1/2 3 1/2 9 8 1/8 5.0 6 2M 3/8 24 3/8 1/2 4 1/2 3 1/2 3 3 1/2 9 1/8 7 7/8 9 8 1/8 5.0 30 | 1 1/8 3 36 48 | 1 3/8 5/8 5 % 1/2 1/2 5 1/4 4 1/2 6 1/4 | 15 1/8 | 13 1/8 | 15 14 1/8 12.0 4 5

COUNTY:

STANDARD SIGN R10-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED for State Traffic Engineer PLATE NO. R10-7.5

DATE 4/5/11

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R107.DGN

HWY:

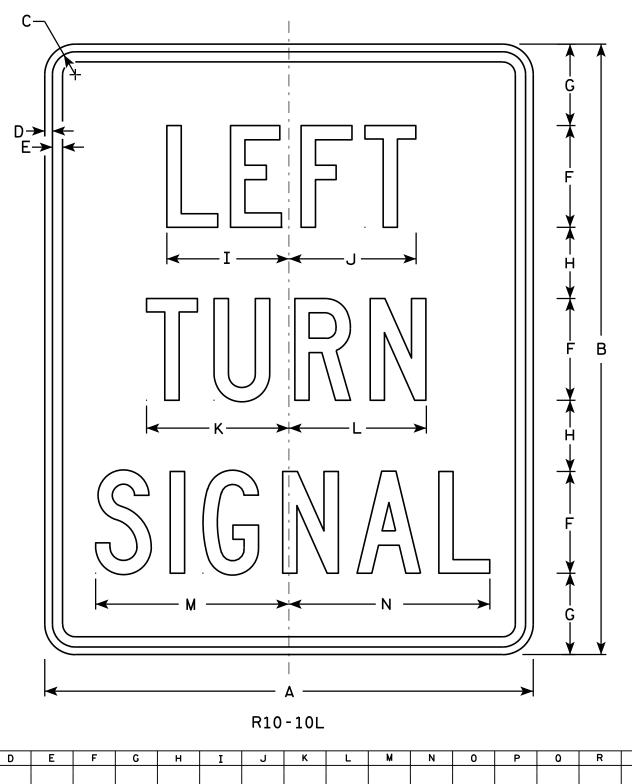
PROJECT NO:

PLOT DATE: 05-APR-2011 09:44

PLOT NAME :

PLOT BY: mscj9h

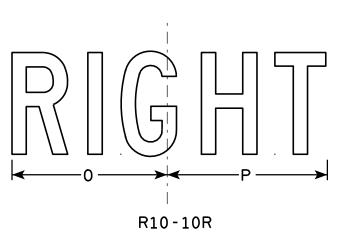
PLOT SCALE: 4.965868:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R10-10R is identical to R10-10L except RIGHT replaces LEFT.



J	K	L	M	N	0	Р	0	R	S	Т	U	v	W	x	Y	Z	Ared sq. f
6 1/4	7	6 3/4	9 1/2	9 %	7 %	7 1/8											5.0
6 1/4	7	6 ¾	9 1/2	9 %	7 %	7 1/8											5.0

R10-10
WISCONSIN DEPT OF TRANSPORTATION

STANDARD SIGN

APPROVED Matthew & Ramb

DATE 4/5/11 PLATE NO. R10-10.6

SHEET NO:

PROJECT NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R1010.DGN

С

30 | 1 1/8

30 | 1 1/8 |

3/8

3/8

1/2

1/2

5

5

3 1/2

HWY:

3 1/2 | 6

SIZE A

2M

3

4

5

24

24

В

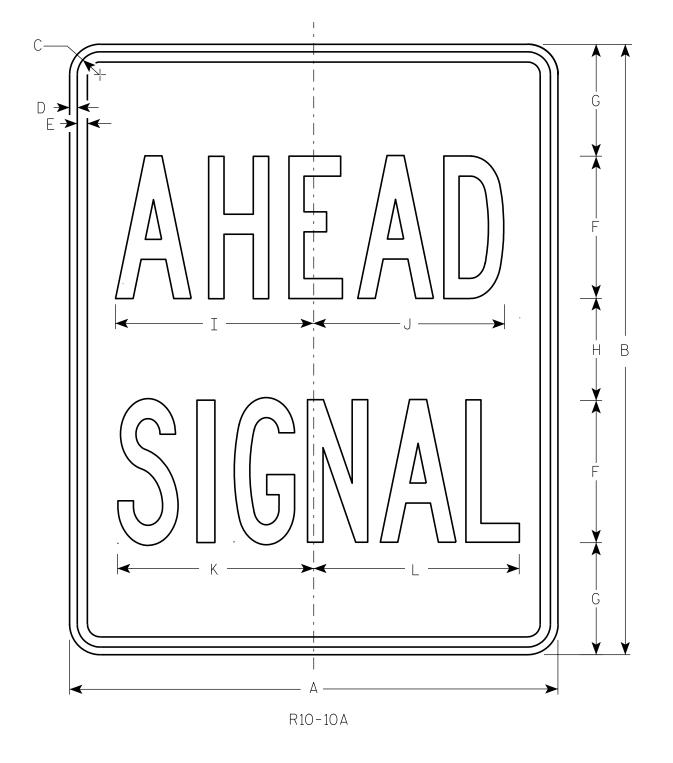
PLOT DATE: 05-APR-2011 09:37

COUNTY:

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 4.717577:1.000000



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series B
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

С G 2S 3/8 7 5 1/2 5 9 3/4 9 3/8 9 5/8 10 1/8 1/2 24 | 30 | 1 1/8 5.0 2M 24 30 1 1/8 7 5 1/2 5 9 3/4 9 3/8 9 5/8 10 1/8 1/2 5.0 3 4

COUNTY:

STANDARD SIGN R10-10A

WISCONSIN DEPT OF TRANSPORTATION

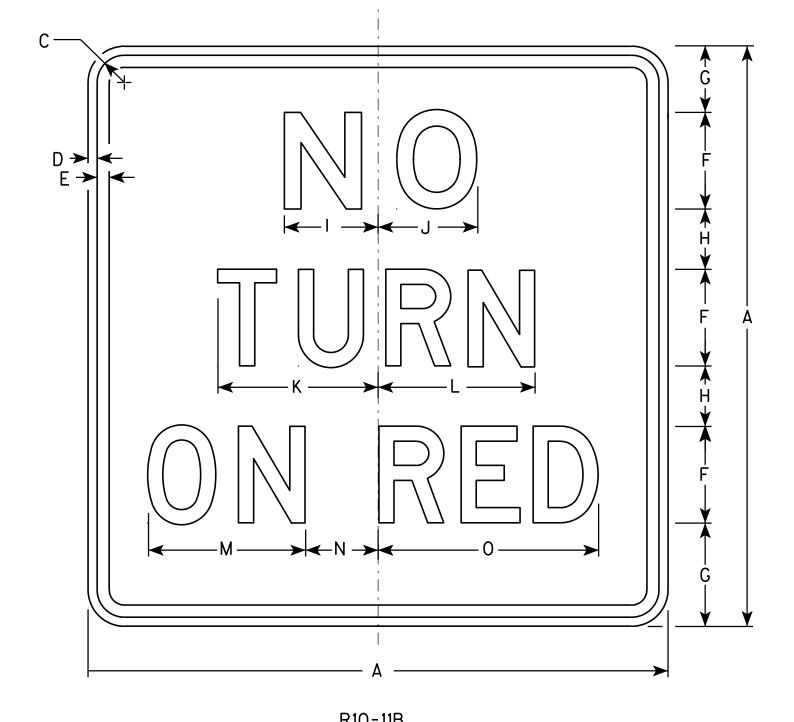
DATE 4/5/11 PIATE

SHEET NO:

HWY:

PROJECT NO:

PLOT NAME :



- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series See Note 5.
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Line 1 is Series E. Lines 2 and 3 are Series D.

R10-11B

SIZE	Α	В	С	D	Ε	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8	3/8	3/8	3	2 3/4	1 3/4	3	3 1/8	5	4 1/8	5 1/4	1 1/8	7 1/8												2.25
25	24		1 1/8	3∕8	1/2	4	3 1/2	2 1/2	3 %	4 1/8	6 %	6 1/2	6 1/2	3	9 1/8												4.0
2M	24		1 1/8	3∕8	1/2	4	3 1/2	2 1/2	3 %	4 1/8	6 %	6 1/2	6 1/2	3	9 1/8												4.0
3	30		1 3/8	1/2	5/8	5	4 1/2	3	4 1/8	5 1/4	8 1/4	8 1/8	7 3/4	4 1/8	11 %												6.25
4																											
5																											

COUNTY:

STANDARD SIGN R10-11B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther R Rauch fer State Traffic Engineer DATE 4/5/11 PLATE NO. R10-11B.4

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R1011B.DGN

PROJECT NO:

HWY:

PLOT DATE: 05-APR-2011 09:22

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 3.972696:1.000000



<u>NOTES</u>

- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Modify the message as required.





R	1	1	-	2	L

PLOT NAME :

SIZ	Έ	A	В	С	D	Ε	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																												
2	S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
21	I	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0
3		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0

COUNTY:

STANDARD SIGN R11-2

WISCONSIN DEPT OF TRANSPORTATION

DATE 4/1/11 PLATE NO. R11-2.10

SHEET NO:

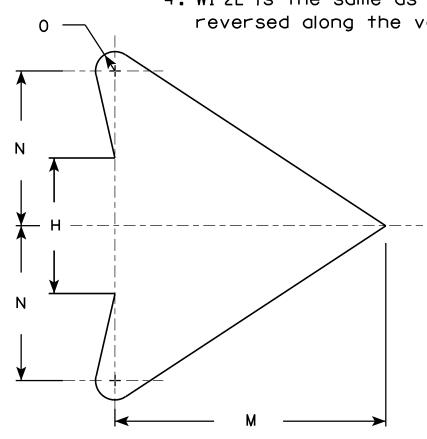
HWY:

PROJECT NO:

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



	W1-2R													<u> </u>	11011	DLIA	<u></u>										
SIZE	Α	В	С	D	E	F	G	н	I	J	К	L	M	N	0	Р	0	R	S	Т	U	v	W	×	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
25	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 %	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 %	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0
					•	·		•	•														•				•

COUNTY:

STANDARD SIGN W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch For State Traffic Engineer

DATE <u>5/15/12</u>

PLATE NO. W1-2.10

SHEET NO:

PROJECT NO:

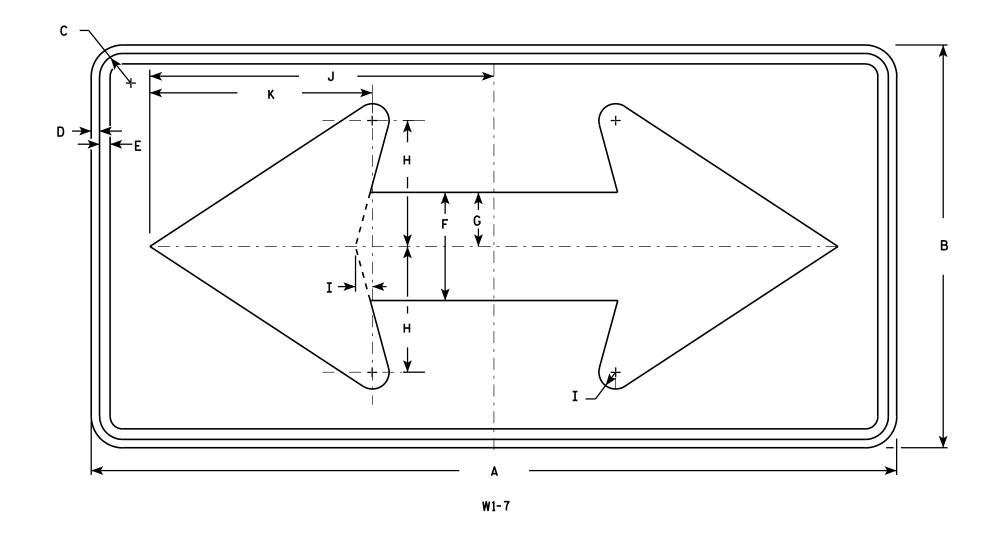
← H →

HWY:

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Area sq. ft.
1	36	18	1 1/8	3⁄8	1/2	5	2 1/2	5 ¾	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/3	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

COUNTY:

STANDARD SIGN W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R

For State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W17.DGN

PROJECT NO:

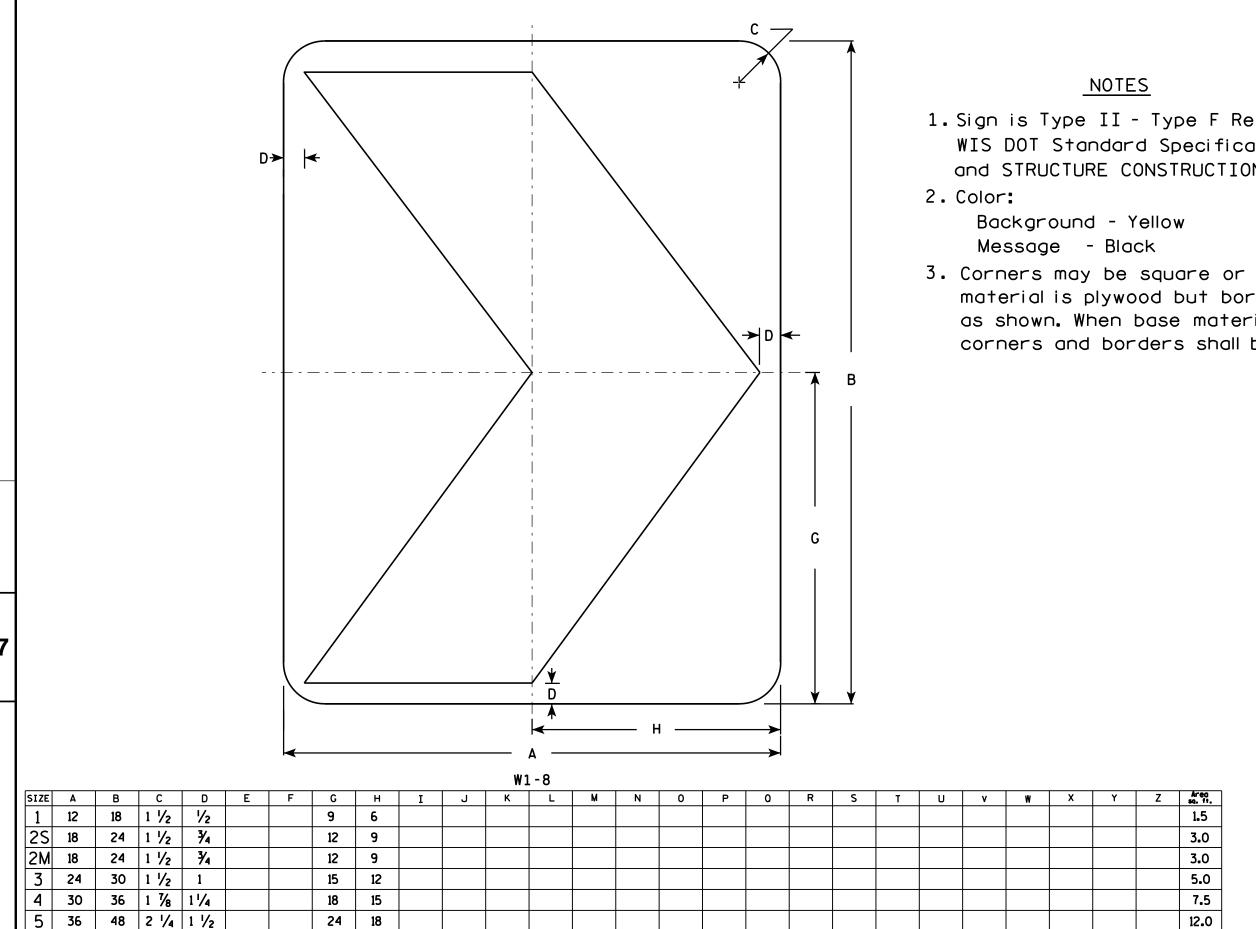
HWY:

PLOT DATE: 07-JUN-2010 12:35

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 5.720679:1.000000



1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

> STANDARD SIGN W1 - 8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer PLATE NO. W1-8.6

DATE 6/7/10

SHEET NO:

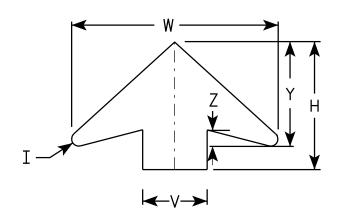
PROJECT NO:

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color: *

 Background YELLOW*

 Message BLACK
- 3. Message Series C for numbers Series E for wording
- 4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



ARROW DETAIL

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft
1																											
25	36		1 1/8	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 %	9.0
2M	36		1 %	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 %	9.0
3	36		1 %	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3∕8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 %	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	1 /8	30	2 1/4	4	1 1/4	15	10	1 %	1/2	8	9 1/4	9 3/8	12	8	25 %	3∕8	13	2	16.0
5	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	⅓	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN W3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch.

DATE 5/29/12 PLATE NO. W3-5.5

SHEET NO:

PROJECT NO:



- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow

3. Corners may be square or rounded when base material is plywood. When base material is metal the corners shall be rounded.

	>
W5-54	

SIZE	Α	В	С	D	E	F	G	Н	I	۲	K	L	М	Ν	0	Р	a	R	S	T	U	٧	W	X	Υ	Z	Area sq. ft.
1	12								1																		1.0
2S	18								1 1/2																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																							·				
													1														

COUNTY:

STANDARD SIGN W5-54

WISCONSIN DEPT OF TRANSPORTATION APPROVED

Matthew R Rauch DATE 11/3/10 PLATE NO. W5-54.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W554.DGN

PROJECT NO:

HWY:

PLOT DATE: 03-NOV-2010 09:54

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 4.965871:1.000000

WISDOT/CADDS SHEET 42

Ε

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

3. Message Series - E

W10	D-1

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	30			3/8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 %	4	2															7.07
2M	36			5/8	3/4	8	4	45°	14 %	8 %	4	2															7.07
3																											
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 %	5	2 1/2															12.57
5																											

COUNTY:

STANDARD SIGN W10-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 3/13/13 State Traffic Engineer PLATE NO. W10-1.8

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W101.DGN

PROJECT NO:

HWY:

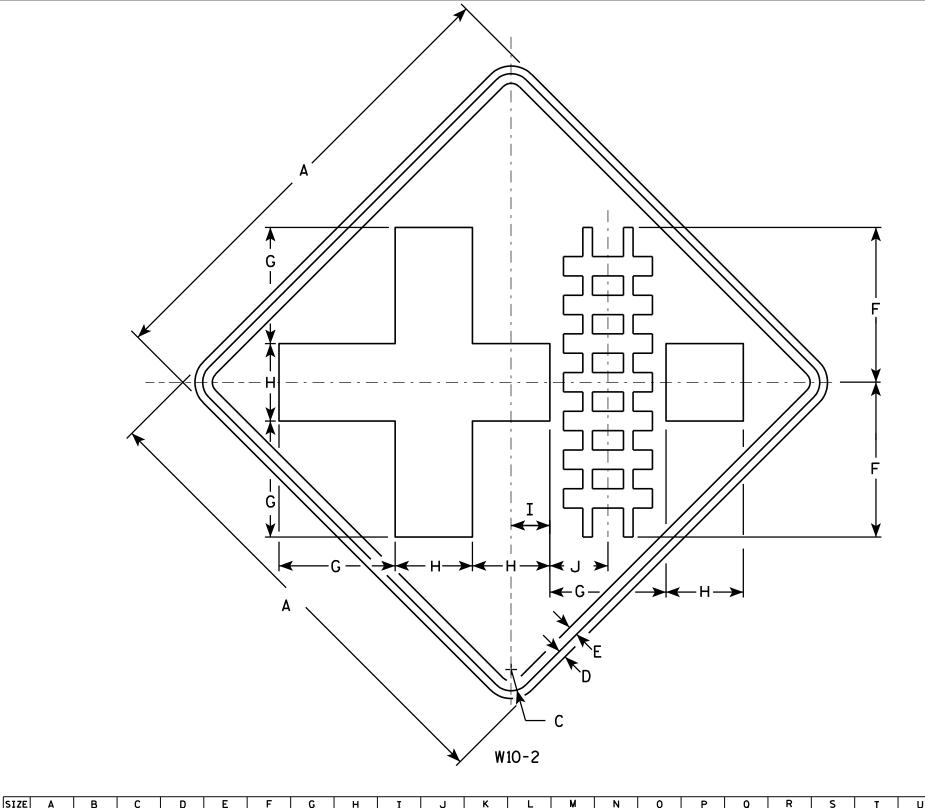
PLOT DATE: 13-MAR-2013 11:06

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 6.946657:1.000000

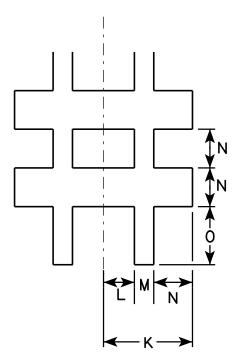
: 6.946657:1.000000 WISDOT/CADDS SHEET 42



- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	10	7 1/2	5	2 1/2	3 3/4	2 1/8	1	5/8	1 1/4	1 %												6.25
25	36		1 1/8	5/8	3/4	12	9	6	3	4 1/2	3 %	1 1/8	3/4	1 1/2	2 1/4												9.0
2M	36		1 %	5/8	3/4	12	9	6	3	4 1/2	3 %	1 1/8	3/4	1 1/2	2 1/4												9.0
3	36		1 %	5/8	₹4	12	9	6	3	4 1/2	3 %	1 1/8	3/4	1 1/2	2 1/4												9.0
4	48		2 1/4	3/4	1	16	12	8	4	6	4 1/2	1 1/2	1	2	3												16.0
5																											

COUNTY:

STANDARD SIGN W10-2

WISCONSIN DEPT OF TRANSPORTATION

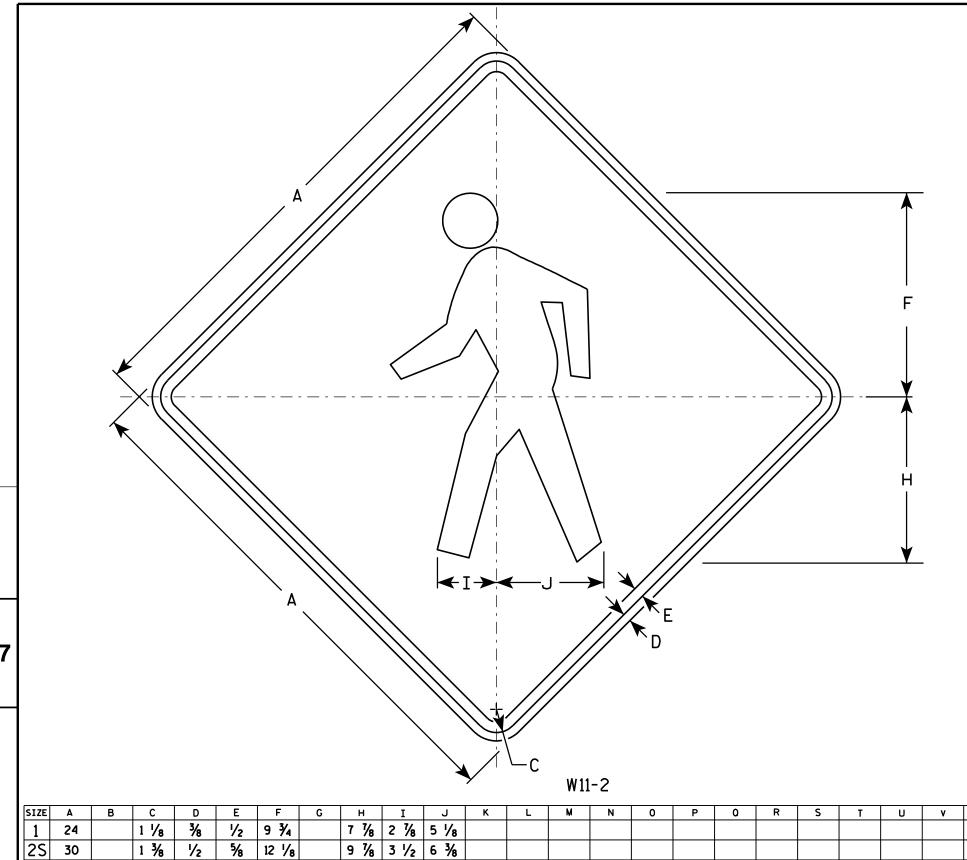
APPROVED $f_{\it or}$ State Traffic Engineer PLATE NO. W10-2.8

DATE 3/13/13

SHEET NO:

HWY:

PROJECT NO:



<u>NOTES</u>

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

STANDARD SIGN W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>6/7/10</u>

PLATE NO. W11-2.7

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W112.DGN

1 1/8

1 %

2 1/4 3/4

2M

3

4 48

5

PROJECT NO:

5/8

5/8

3/4

14 1/2

3/4 14 1/2

1 19 3/8

11 1/8 4 1/4 7 5/8

11 1/8 4 1/4 7 5/8

15 3/4 5 5/8 10 1/4

HWY:

PLOT DATE: 07-JUN-2010 13:29

COUNTY:

PLOT NAME :

PLOT BY: ditjph

4.0

6.25

9.0

9.0

16.0

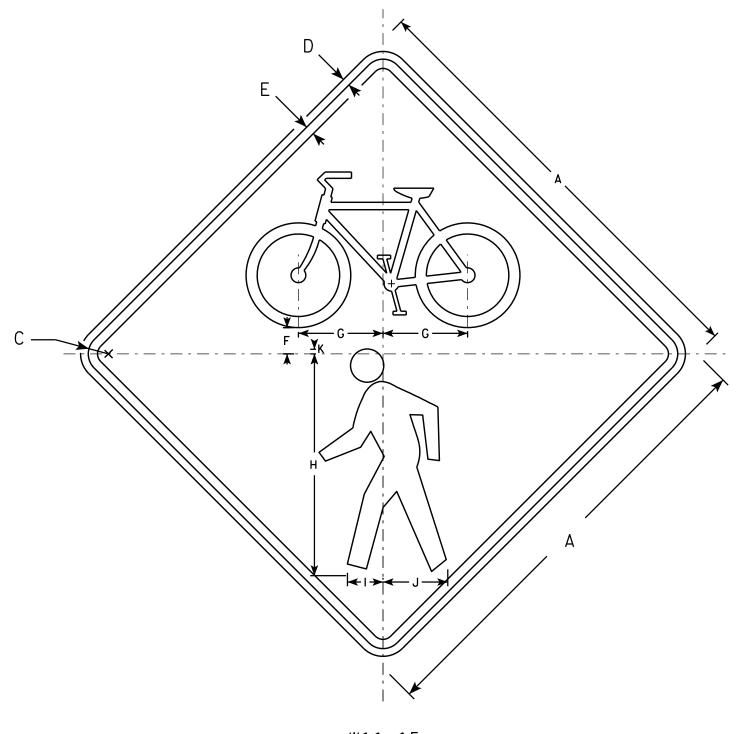
PLOT SCALE: 5.700818:1.000000

<u>NOTES</u>

- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Yellow Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W11-15

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	M	N	0	Р	0	R	S	T	J	٧	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	1 3/8	4 %	12	1 1/8	3 1/2	1/4																4.0
2S	30		1 3/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		1 %	5/8	3/4	2 1/8	6 %	18	2 1/8	5 1/4	3/8																9.0
3	36		1	5/8	3/4	2 1/8	6 1/8	18	2 1/8	5 1/4	3/8																16.0
4	48		2 1/4	3/4	1	2 1/8	9 1/8	24	3 %	7	1/2																16.0
5																											

COUNTY:

STANDARD SIGN W11-15

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

D Matthew R Rawh

Law State Traffic Engineer

DATE <u>2/13/14</u>

PLATE NO. W11-15.4
SHEET NO:

PROJECT NO:

FILE NAME: C:\CAEFiles\Projects\tr_stdplate\W1115.DGN

HWY:

PLOT DATE: 13-FEB-2014 10:54

PLOT NAME :

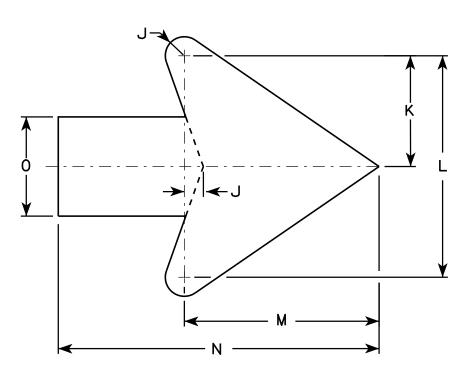
PLOT BY: mscsja

PLOT SCALE: 7.783368:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	M	N	0	Ρ	0	R	S	T	U	V	W	X	Y	Z	Areo
1																											
25	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 1/8	3/4	4 1/2	9	7 1/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 ½	10 1/8	9 %	15 ¾	4 3/4												9.0
5	48		2 1/4	₹4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

COUNTY:

W12-1D

STANDARD SIGN W12-1D

WISCONSIN DEPT OF TRANSPORTATION

Fer State Traffic Engineer DATE 3/13/13 PLATE NO. W12-1D.15

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN

PROJECT NO:

HWY:

PLOT DATE: 13-MAR-2013 13:26

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 4.713802:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W16-7R is the same as W16-L except the arrow is reversed along the vertical centerline.

E	E —
	C →
W16-7L	

2M 3 4	30 30	18	3/8 3/8	1/2	1 1/8	4 1/2	30° 30°	8 ½	6	5/8 5/8	10 1/4								3.75 3.75 8
5	JECT						НW					COUN							8

STANDARD SIGN W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Ray

For State Traffic Engineer

DATE 11/02/10 PLATE NO. W16-7.5

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W167.DGN

PLOT DATE: 02-NOV-2010 09:34

PLOT BY: dotsja

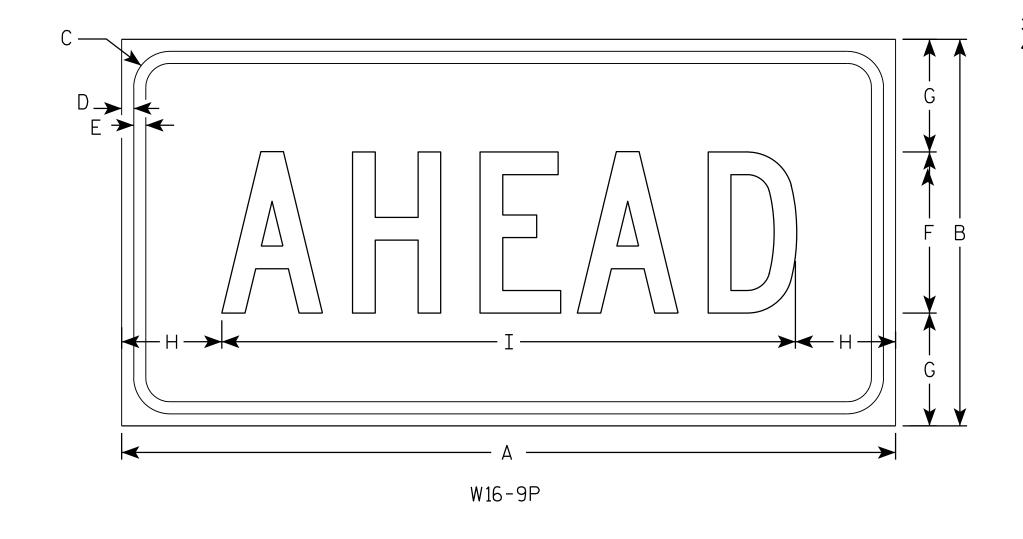
PLOT NAME :

PLOT SCALE: 3.972696:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Yellow Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	Α	В	С	D	E	F	G	Η	I	J	K	L	M	N	0	P	0	R	S	T	U	٧	₩	Х	Y	Z	Areg sq. ft.
1																											
25	24	12	1 1/8	3/8	3⁄8	5	3 1/2	3 1/8	17 3/4																		2.0
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 ¾																		8.0
5																											

COUNTY:

STANDARD SIGN W16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

DATE 12/28/10

O PLATE NO. W16-9P.6

SHEET NO:

HWY:

PROJECT NO:

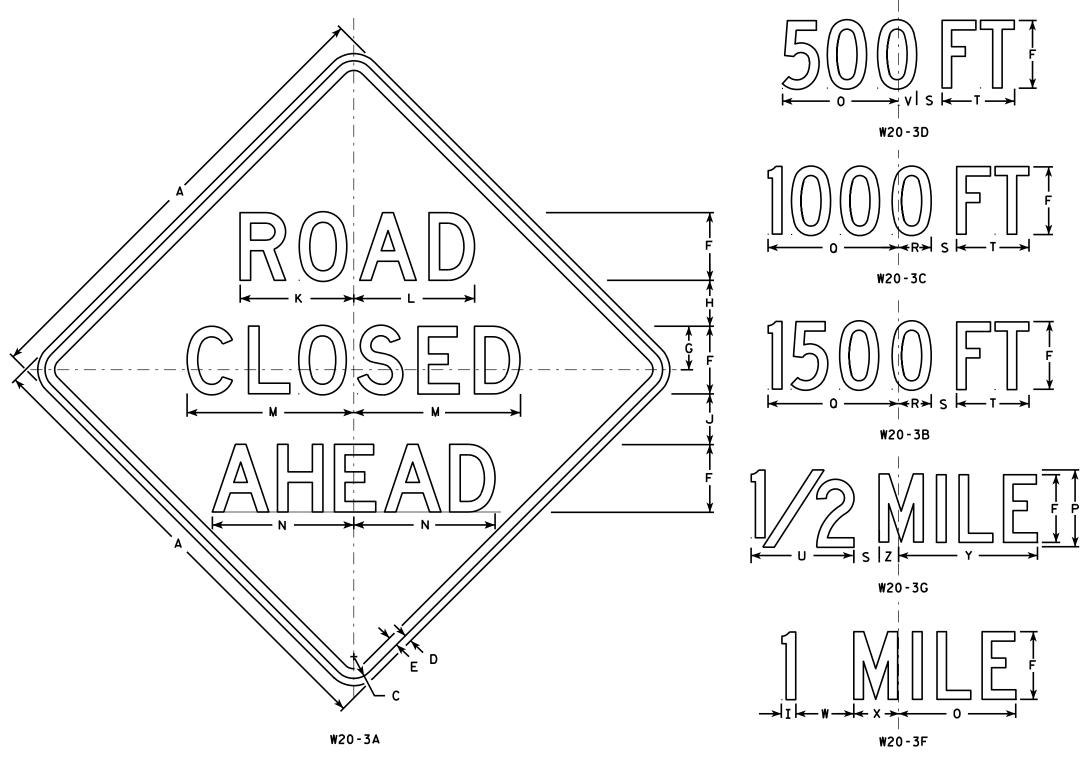
PLOT NAME :



FILE NAME . C.\CAFfiles\Projects\tr stdolote\W201 DCN

PLOT DATE . 01-DEC-2015 18.24

PIOT RY * \$\$ plotuser \$\$



- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

- 3. Message Series see note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1 and 2 are Series D. Line 3 is Series D for AHEAD and Series C for all other distances.

1 % 5/8 ¾ 8 3/8 8 7/8 12 1/2 5 % 1 3/8 4 1/2 36 3 1/2 10 3/4 1 3/4 8 4 \(\frac{5}{8} \) 14 \(\frac{3}{8} \) 2 \(\frac{3}{8} \) 16.0 3/4 1 1/2 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 7 1/2 10 5/8 1 7/8 2M 3/4 4 \\ 14 \\ 38 \ 2 \\ 38 \ 16.0 48 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 7 1/2 10 % 1 % 4 1/2 4 3/4 1 1/2 5 1/4 11 3/4 12 1/2 17 1/4 14 5/8 3/4 13 1/2 3 3/8 2 5/8 7 1/2 10 5/8 1 3/8 4 % | 14 % | 2 % | 16.0 48 3/4 4 1/2 4 3/4 1 1/2 5 1/4 11 3/4 12 1/2 17 1/4 14 5/8 13 1/2 3 3/8 2 5/8 4 \\ 14 \\ 38 \ 2 \\ 38 \ 16.0 7 1/2 10 5/8 1 7/8 48 5 4 5/8 14 3/8 2 3/8 16.0 3/4 2 1/4 4 1/2 | 4 3/4 | 1 1/2 | 5 1/4 | 11 3/4 | 12 1/2 | 17 1/4 | 14 5/8 | 13 1/2 3 3/8 2 5/8 7 1/2 10 5/8 1 3/8 48

COUNTY:

STANDARD SIGN W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer DATE 3/18/11

PLATE NO. W20-3.7

SHEET NO:

PROJECT NO: FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN HWY:

PLOT DATE: 18-MAR-2011 12:08

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 9.931739:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

- 3. Message Series See Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. " _____ LANE" is Series B. All other copy is Series C.

W20-5D

W20-5B

W20-5G

PLOT BY: mscj9h

->IOI← R-		
	W20-5F	

								W20-	5 A																	11 2	20-56
SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	v	W	X	Y	Z	Area sq. ft.
1	36	6	1 5/8	5/8	3/4	5	7/8	2 1/2	13 1/8	10 ¾	9 1/2	14 1/4	13 %	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 1/8	5 %	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 %	12	2 1/8	7 1/2	13 1/2	3 3/8	2 3/8	10 %	16.0
2M	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 %	12	2 5/8	7 1/2	13 1/2	3 %	2 3/8	10 %	16.0
3	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 %	19	18 3/8	16	14 1/4	1 %	1 1/2	6	4 %	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 %	16.0
4	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 %	19	18 3/8	16	14 1/4	1 %	1 1/2	6	4 5/8	12	2 %	7 1/2	13 1/2	3 ¾	2 3/8	10 %	16.0
5	48	8	2 1/4	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 %	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 %	12	2 %	7 1/2	13 1/2	3 %	2 3/8	10 %	16.0

COUNTY:

STANDARD SIGN W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Kauch Fer State Traffic Engineer DATE 3/18/11 PLATE NO. W20-5.11

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W205.DGN

PROJECT NO:

HWY:

W20-56A

W20-55A

PLOT DATE: 18-MAR-2011 12:15

PLOT NAME :

PLOT SCALE: 11.918087:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

	G
	¥ B
W01-6	

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	M	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Areg sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5

COUNTY:

STANDARD SIGN WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

For State Traffic Engineer

13 PLATE NO. <u>W01-6.1</u>

DATE <u>11/18/13</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN

HWY:

PROJECT NO:

PLOT DATE : 28-FEB-2014 11:37

PLOT NAME :

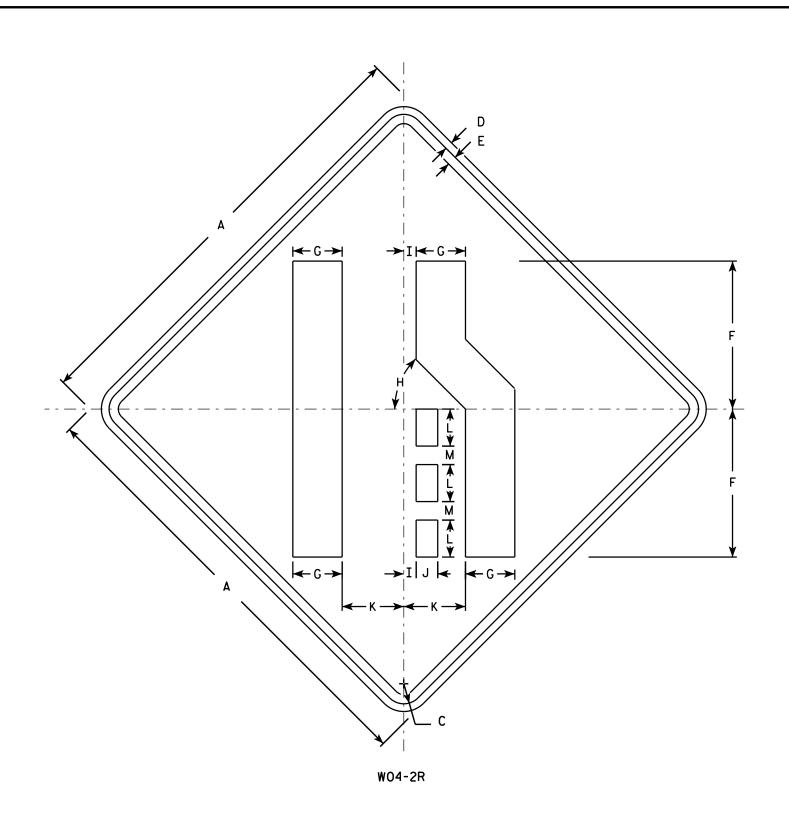
PLOT BY: mscj9h

PLOT SCALE: 5.837526:1.000000

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W04-2L is the same as W04-2R except the symbolis reversed along the vertical centerline.



SIZE 1 % 5/8 3/4 12 45° 1 3/4 5 1 1/2 4 36 3 9.0 2S 2 1/4 5 3/8 45° 1 ¼ 2 ¾ 6 ¾ 3/4 48 16.0 45° 1 ¼ 2 ¾ 6 ¾ 3/4 5 3/8 48 2 1/4 2 16.0 2 1/4 3 48 3/4 5 % 45° | 1 1/4 | 2 3/8 | 6 3/4 2 16.0 2 1/4 3/4 5 3/8 45° | 1 1/4 | 2 3/8 | 6 3/4 48 2 16.0 5 2 1/4 3/4 5 3/8 45° | 1 1/4 | 2 3/8 | 6 3/4 48 2 16.0

STANDARD SIGN W04 - 2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

ForState Traffic Engineer

DATE 11/20/13 PLATE NO. <u>WO4-2.1</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W042.DGN

PROJECT NO:

PLOT DATE: 20-NOV-2013 11:43

Notes



Wisconsin Department of Transportation

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