

GRE

APR 2016

PROJECT ID:
WITH: N/A

4085-59-71

COUNTY:
BROWN

ORDER OF SHEETS

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

TOTAL SHEETS = 114



DESIGN DESIGNATION

A.A.D.T. (2017)	=	17,600
A.A.D.T. (2037)	=	21,300
D.H.V.	=	4.7%
D.D.	=	59/41
T.	=	5.5%
DESIGN SPEED	=	35 MPH
ESALS	=	2,700,000

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
REFERENCE LINE	
COMBUSTIBLE FLUIDS	
UTILITIES	
ELECTRIC	— E —
FIBER OPTIC	— FO —
GAS	— G —
SANITARY SEWER	— SAN —
STORM SEWER	— SS —
TELEPHONE	— T —
WATER	— W —
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C. OF DE PERE - V. OF ALLOUEZ

RANDALL AVE - GRIGNON ST

STH 57

BROWN COUNTY

STATE PROJECT NUMBER
4085-59-71

NET EXCEPTION TO C LENGTH
STA 95+56.04 TO STA 95+75.60
STRUCTURE C-05-67 TO REMAIN

BEGIN PROJECT
4085-59-71
STA. 14+97.25
Y=546,928.13
X=89,252.47

END PROJECT
4085-59-71
STA. 184+67.00



LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 3.210 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, BROWN COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT

4085-59-71

FEDERAL PROJECT

PROJECT

CONTRACT

ORIGINAL PLANS PREPARED BY

Mead & Hunt

1345B North Road
Green Bay, WI 54313
phone: 920-496-0500
meadhunt.com



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	MEAD & HUNT
Designer	MEAD & HUNT
Project Manager	ANDREW FULCER, P.E.
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	DANIEL SEGERSTROM, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 1/20/2016

E

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITH IN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND ALL UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST THREE WORKING DAYS PRIOR TO BEGINNING WORK.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIALS WILL NOT BE PERMITTED IN THE WETLANDS.

A SAWED JOINT IS REQUIRED WHERE NEW ASPHALTIC CONCRETE SURFACE MEETS EXISTING ASPHALTIC CONCRETE SURFACE.

"ASPHALTIC SURFACE PATCHING" ITEM IS TO BE USED FOR LEVELING/WEDGING AND SPOT REPAIR.

"ASPHALTIC SURFACE PATCHING" ITEM IS TO BE USED FOR RAMPING AT BUTT JOINT SAW CUTS, MISCELLANEOUS REPAIR OR POTHOLES AND POPOUTS THAT OCCUR DURING CONSTRUCTION.

TRAFFIC CONTROL SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

NEW PAVEMENT AND OTHER FACILITY LOCATIONS GIVEN IN THESE PLANS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD PRIOR TO PLACEMENT OR INSTALLATION.

LOCATION OF ALL EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

VILLAGE OF ALLOUEZ SIGNS WILL BE REMOVED AND REINSTALLED BY THE VILLAGE OF ALLOUEZ.

CITY OF DE PERE SIGNS WILL BE REMOVED AND REINSTALLED BY THE CITY OF DE PERE.

SIGNS TO BE REMOVED WILL BE STORED AND PROTECTED BY THE CONTRACTOR AT A LOCATION APPROVED BY THE ENGINEER, FREE FROM DAMAGE, UNTIL SUCH TIME AS THEY ARE RE-INSTALLED.

ORDER OF SECTION 2 SHEETS

- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- SIGNING
- PAVEMENT MARKING
- TRAFFIC CONTROL
- CONSTRUCTION STAGING

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	NO	NUMBER
AGG	AGGREGATE	PE	PRIVATE ENTRANCE
ASPH	ASPHALTIC	PI	POINT OF INTERSECTION
BM	BENCH MARK	PL	PROPERTY LINE
BOC	BACK OF CURB	QTY	QUANTITY
C&G	CURB AND GUTTER	RHF	RIGHT-HAND FORWARD
CE	COMMERCIAL ENTRANCE	RT	RIGHT
CL	CENTERLINE	R/L	REFERENCE LINE
CWT	HUNDREDWEIGHT	R/W	RIGHT-OF-WAY
CY	CUBIC YARD	SF	SQUARE FOOT
DHV	DESIGN HOURLY VOLUME	SHLDR	SHOULDER
DWY	DRIVEWAY	SS	STORM SEWER
EL	ELEVATION	STA	STATION
EXC	EXCAVATION	SY	SQUARE YARD
FT	FOOT	T	TRUCKS (PERCENT OF)
FTG	FOOTING	TEL	TELEPHONE
HYD	HYDRANT	TLE	TEMPORARY LIMITED EASEMENT
INV	INVERT	TYP	TYPICAL
LB	POUND	UG	UNDERGROUND CABLE
LF	LINEAR FOOT	VAR	VARIABLE
LHF	LEFT-HAND FORWARD	VC	VERTICAL CURVE
LS	LUMP SUM	VPC	VERTICAL POINT OF CURVE
LT	LEFT	VPI	VERTICAL POINT OF INTERSECTION
Mgal	MEGAGALLON	VPT	VERTICAL POINT OF TANGENCY

DNR

DNR NORTHEAST REGION
2984 SHAWANO AVE
GREEN BAY, WI 54313
ATTN: JAMES DOPERALSKI
PHONE: (920) 662-5119
EMAIL: james.doperalski@wisconsin.gov

DESIGN CONSULTANT



MEAD & HUNT, INC.
1345B NORTH ROAD
GREEN BAY, WI 54313
ATTN: CHRISTOPHER ROSSMILLER, P.E.
PHONE: (920) 496-0500
EMAIL: CHRISTOPHER.ROSSMILLER@MEADHUNT.COM

UTILITIES

ATC MANAGEMENT, INC -- ELECTRICITY
5303 FEN OAK DR
MADISON, WI 53718
ATTN: DOUG VOSBERG
PHONE: (608) 877-7650
EMAIL: DVOSBERG@ATCLLE.COM

WISCONSIN PUBLIC SERVICE CORPORATION -- ELECTRICITY
2850 S ASHLAND AVE
P.O. BOX 19001
GREEN BAY, WI 54307-9001
ATTN: RANDY STEIER
PHONE: (920) 617-5167
MOBILE: (920) 655-1596
EMAIL: RDSTEIER@WISCONSINPUBLICSERVICE.COM

BROWN COUNTY -- COMMUNICATION LINE
PO BOX 11064
GREEN BAY, WI 54307-1064
ATTN: DAN BECKER
PHONE: (920) 393-3492 EXT 702
MOBILE: (920) 676-9496
EMAIL: DBECKER@MCAE.BIZ

TIME WARNER CABLE -- COMMUNICATION LINE
3520 E DESTINATION DR
APPLETON, WI 54915
ATTN: VINCE ALBIN
PHONE: (920) 831-9249
MOBILE: (920) 378-0444
EMAIL: VINCE.ALBIN@TWCABLE.COM

WINDSTREAM KDL, INC -- COMMUNICATION LINE
13935 BISHOPS DR
BROOKFIELD, WI 53005
ATTN: DENNIS RUESS
PHONE: (812) 456-1249
MOBILE: (608) 512-5587
EMAIL: DENNIS.RUESS@WINDSTREAM.COM

AT&T WISCONSIN -- COMMUNICATION LINE
205 S JEFFERSON ST
GREEN BAY, WI 54301
ATTN: JOE KASSAB
PHONE: (920) 433-4200
MOBILE: (920) 202-4002
EMAIL: JK572K@ATT.COM

NET LEC LLC -- COMMUNICATION LINE
1700 INDUSTRIUAL DR
GREEN BAY, WI 54302
ATTN: DENNIS LA FAVE
MOBILE: (920) 619-9774
EMAIL: DLAFAVE@MI-TECH.US

US SIGNAL COMPANY LLC -- COMMUNICATION LINE
7020 SOUTHBELT DR SE
BOWLING GREEN, OH 43402
ATTN: RICK ANDRICKS
PHONE: (614) 483-6350
EMAIL: RANDRICKS@TKNS.NET

WISCONSIN PUBLIC SERVICE CORPORATION -- GAS/PETROLEUM
2850 S ASHLAND AVE.
P.O. BOX 19001
GREEN BAY, WI 54307-9001
ATTN: DENA ANDRE
PHONE: (920)617-5092
MOBILE: (231)649-1486
EMAIL: DJANDRE@WISCONSINPUBLICSERVICE.COM

CITY OF DE PERE -- WATER
925 S 6TH ST
DE PERE, WI 54115
ATTN: ERIC ZYGARLICHE
PHONE: (920) 339-4063
EMAIL: EZYGARLICHE@MAIL.DE-PERE.ORG

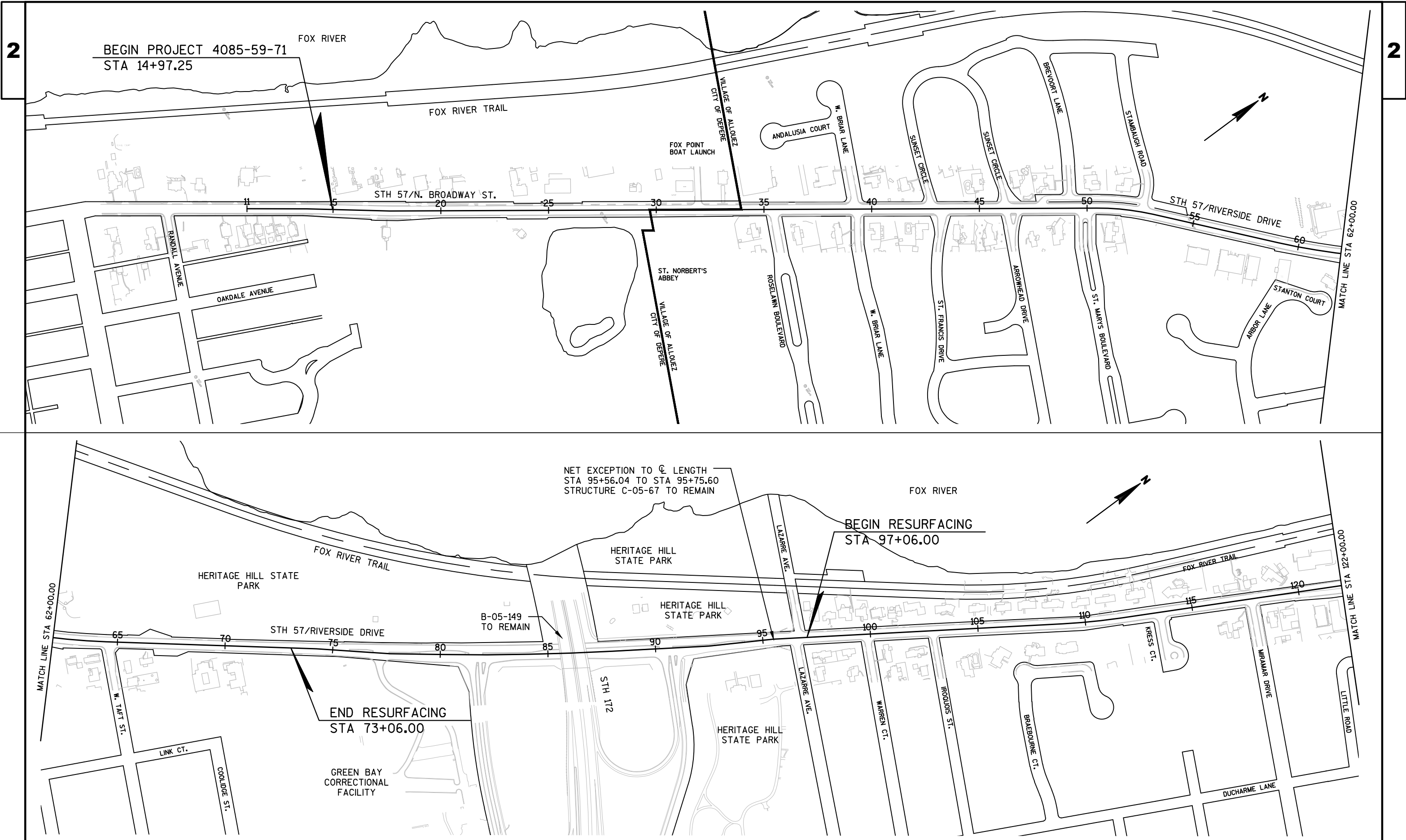
CITY OF DE PERE -- SEWER
925 S 6TH ST
DE PERE, WI 54115
ATTN: ERIC RAKERS
PHONE: (920) 339-8304
MOBILE: (920) 639-1000
EMAIL: ERAKERS@MAIL.DE-PERE.ORG

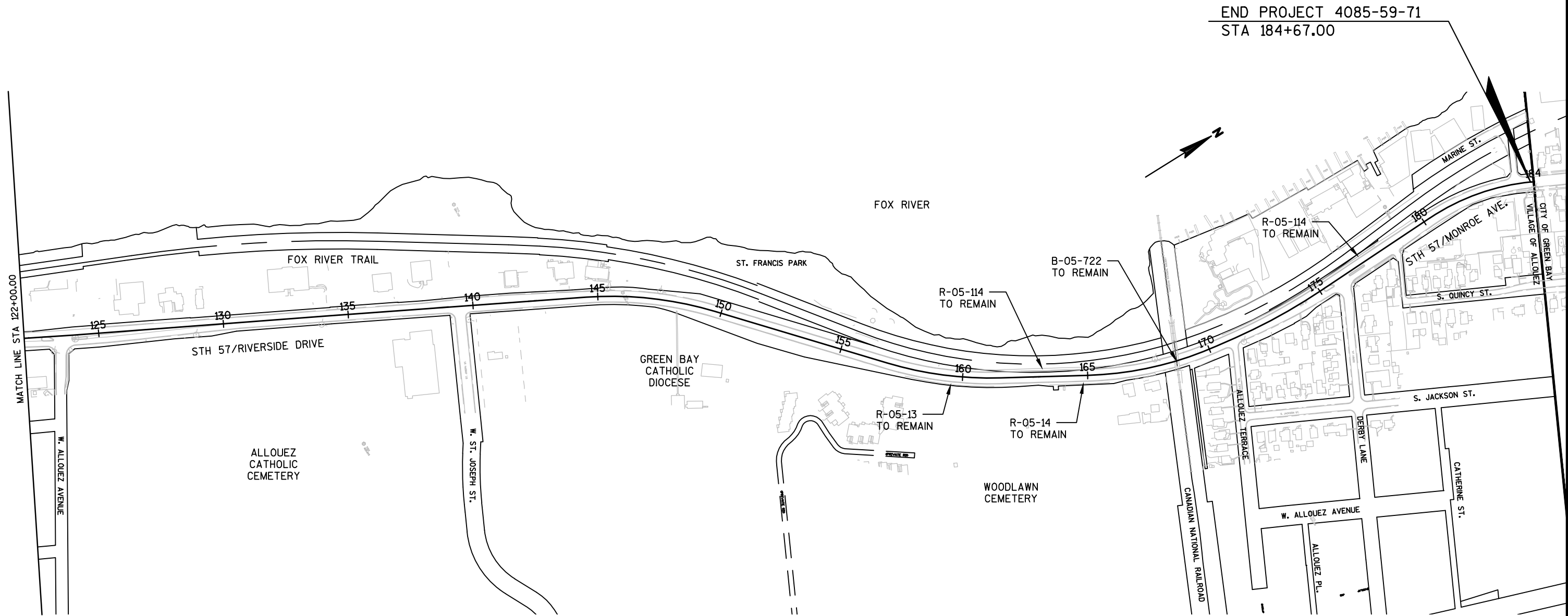
VILLAGE OF ALLOUEZ DEPARTMENT OF PUBLIC WORKS -- SEWER
1900 LIBAL ST
GREEN BAY, WI 54301
ATTN: CRAIG BERNOT
PHONE: (920) 448-2800 EXT 108
EMAIL: CRAIG@VILLAGEOFALLOUEZ.COM

VILLAGE OF ALLOUEZ DEPARTMENT OF PUBLIC WORKS -- WATER
1900 LIBAL ST
GREEN BAY, WI 54301
ATTN: CRAIG BERNOT
PHONE: (920) 448-2800 EXT 108
EMAIL: CRAIG@VILLAGEOFALLOUEZ.COM



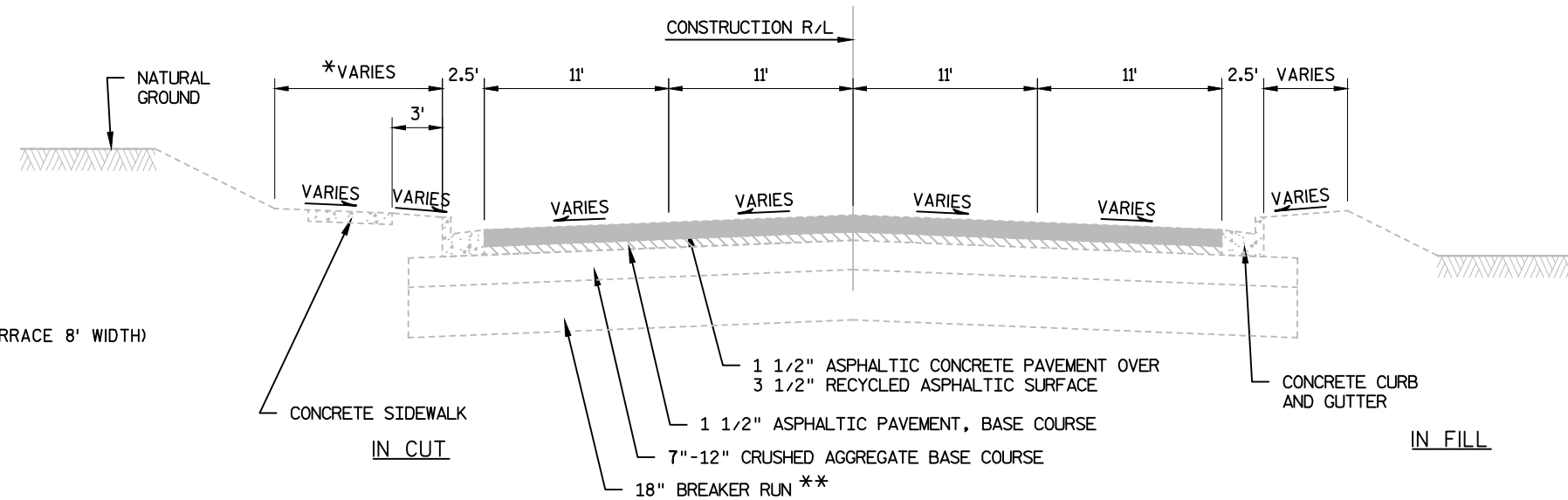
Dial 811 or (800)242-8511
www.DiggersHotline.com





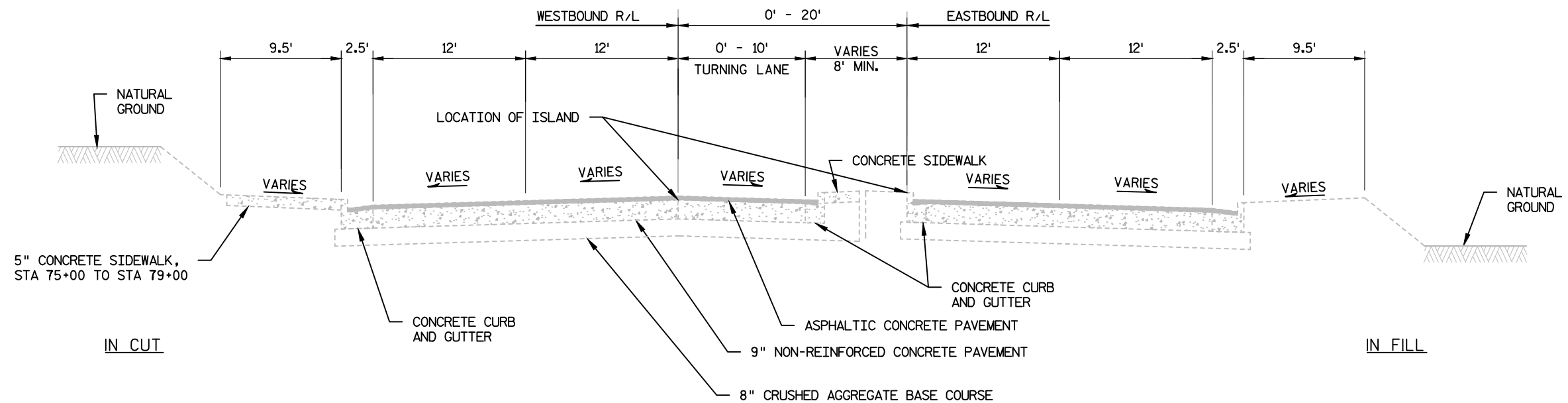
* STA 12+51 TO STA 18+60 LT & RT
 STA 18+60 TO STA 35+70 LT
 STA 35+70 TO STA 47+68 LT & RT
 STA 47+68 TO STA 49+47 RT
 STA 178+25 TO STA 184+00 RT (NO TERRACE 8' WIDTH)

** STA 97+06 TO STA 118+00
 STA 130+50 TO STA 138+00
 STA 144+53 TO STA 148+50



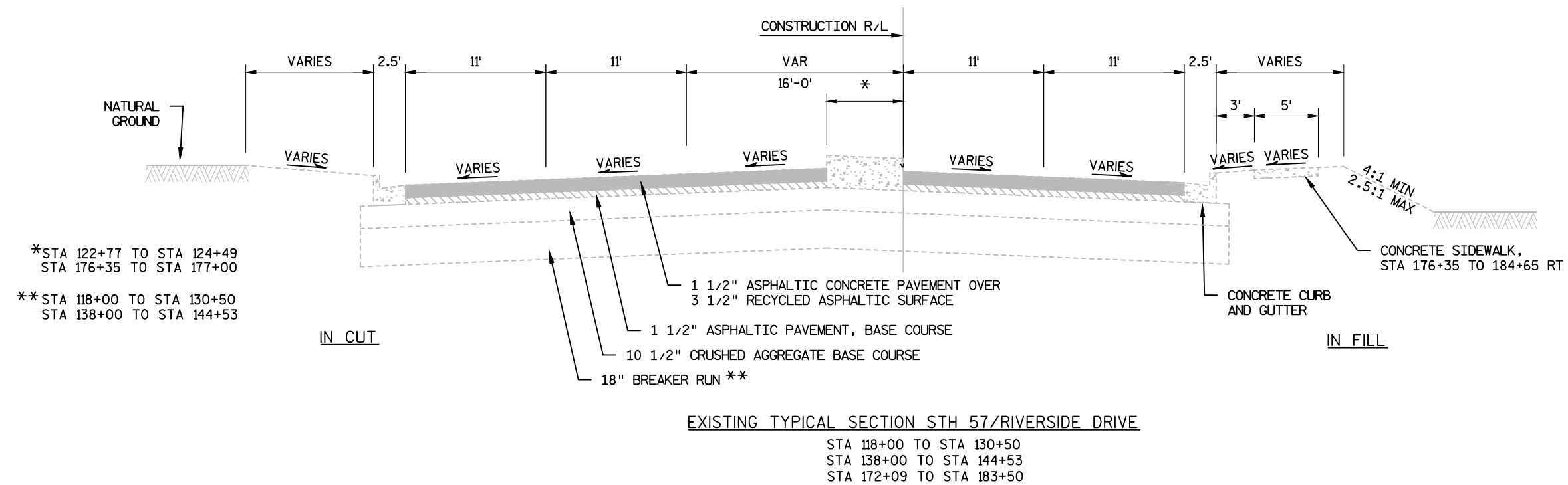
EXISTING TYPICAL SECTION STH 57/RIVERSIDE DRIVE

STA 14+97 TO STA 73+06
 STA 97+06 TO STA 118+00
 STA 130+50 TO STA 138+00
 STA 144+53 TO STA 172+09
 STA 183+50 TO STA 184+67

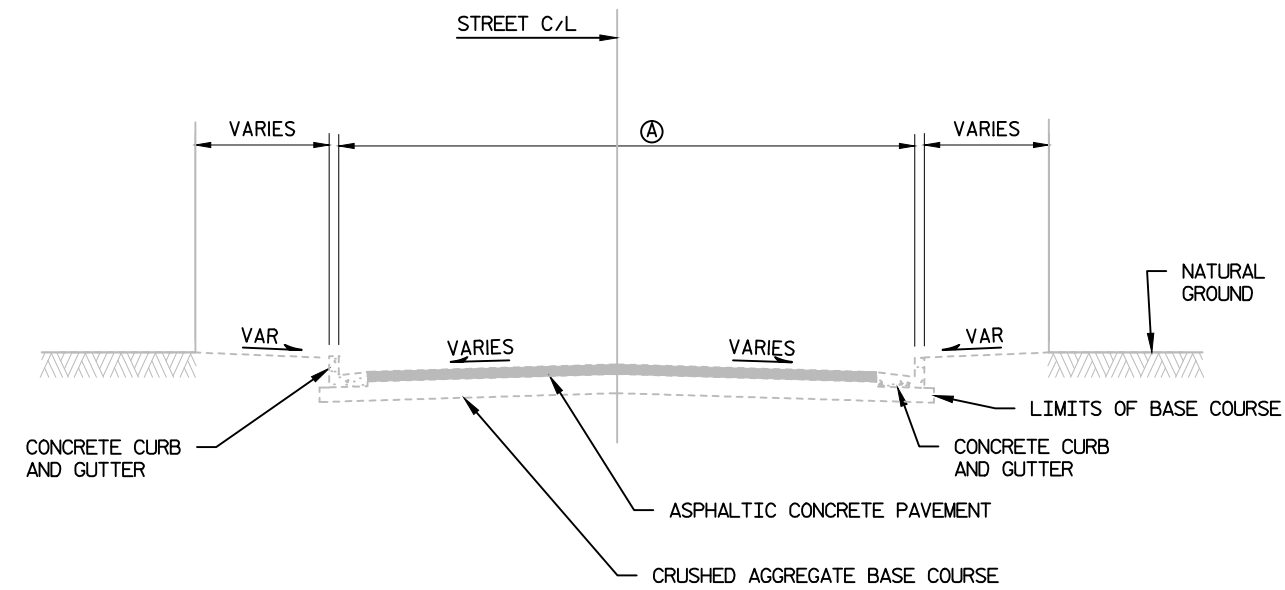


EXISTING TYPICAL SECTION STH 57/ RIVERSIDE DRIVE

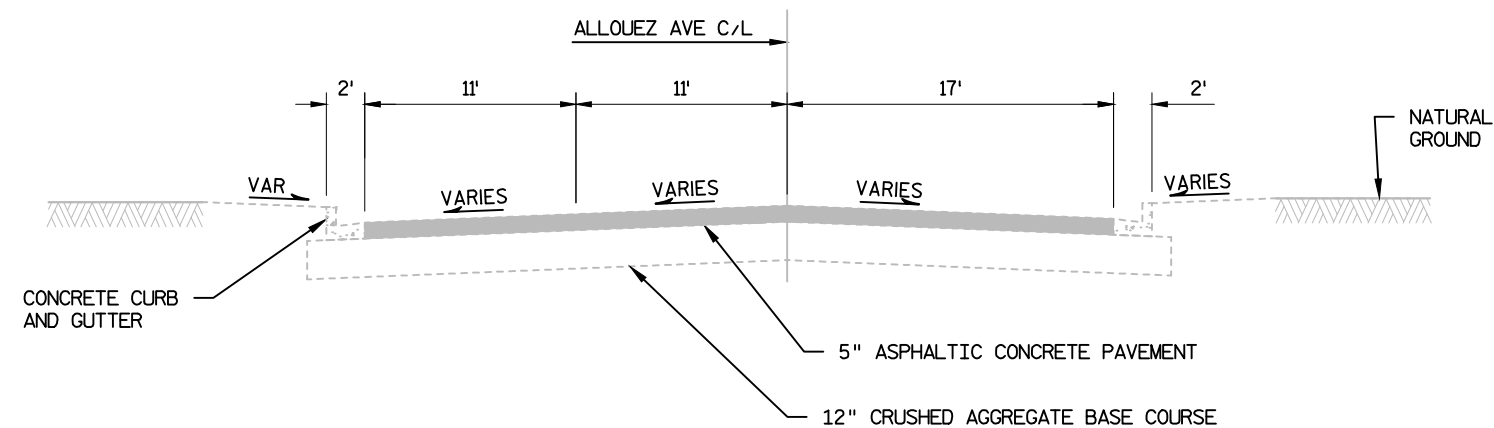
STA 73+06 TO STA 95+56
 STA 95+56 TO STA 97+06

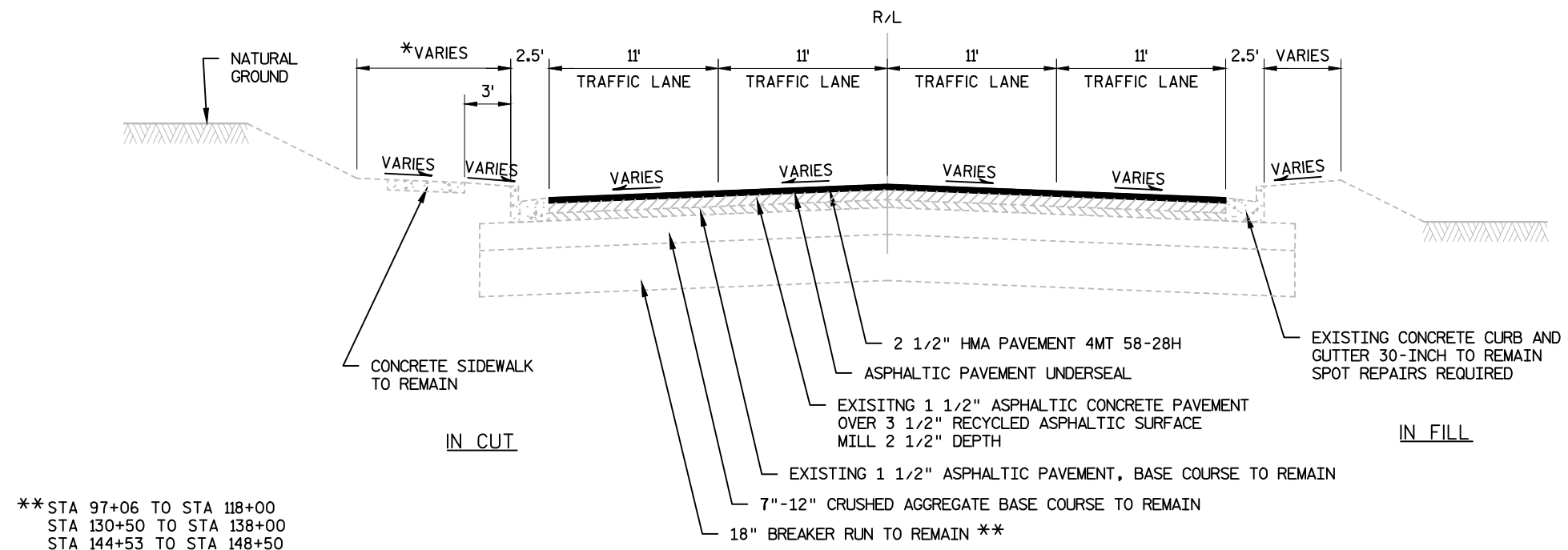


STREET NAME	ROAD WITH ①
ROSELAWN BOULEVARD	34'
W. BRIAR LANE (WEST)	31'
W. BRIAR LANE (EAST)	29.5'
SUNSET CIRCLE (SOUTH)	25.5'
ST. FRANCIS DRIVE	35'
SUNSET CIRCLE (NORTH)	27.5'
ARROWHEAD DRIVE (NORTH)	14.5'
ARROWHEAD DRIVE (SOUTH)	29'
BREVOORT LANE	22'
ST. MARY BLVD. (NORTH HALF)	19'
ST. MARY BLVD. (SOUTH HALF)	19'
STAMBAUGH ROAD	28.5'
W. TAFT STREET	38'
STH 172 E.B. ON-RAMP	22.5'
STH 172 E.B. OFF-RAMP	25'
STH 172 W.B. ON-RAMP	19.5'
STH 172 W.B. OFF-RAMP	20.5'
LAZARRE AVENUE (WEST)	32'
LAZARRE AVENUE (EAST)	29'
WARREN COURT	29.5'
IROQUOIS STREET	23.5'
KRESS COURT	31'
MIRAMAR DRIVE	28'
W. ALLOUEZ AVENUE	41.5'
W. ST. JOSEPH STREET	43.5'
ALLOUEZ TERRACE	20.5'
DERBY LANE	39'
S. QUINCY STREET	18'



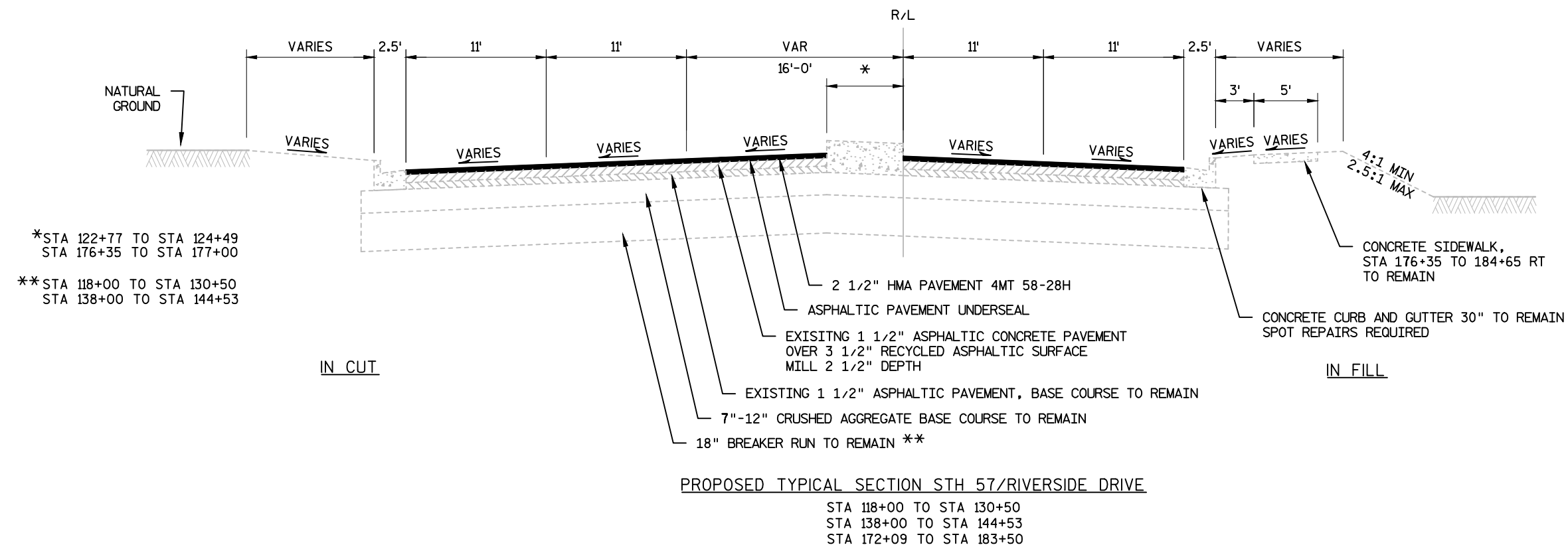
EXISTING TYPICAL SECTION SIDE ROADS

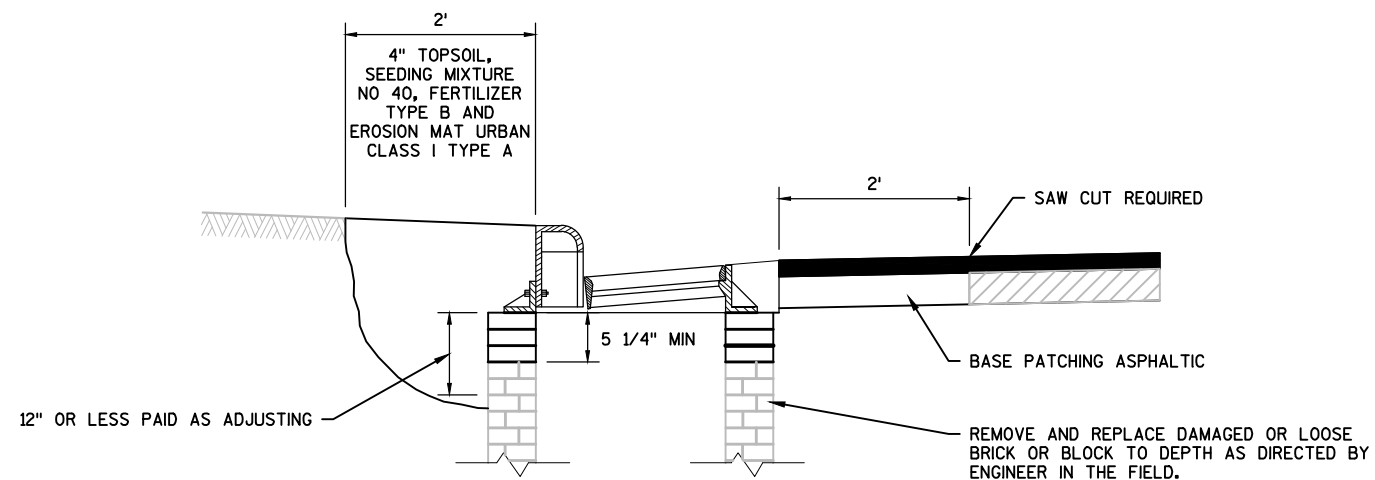
EXISTING TYPICAL SECTION ALLOUEZ AVENUE
STA 11+39 TO STA 12+17



PROPOSED TYPICAL SECTION STH 57/RIVERSIDE DRIVE

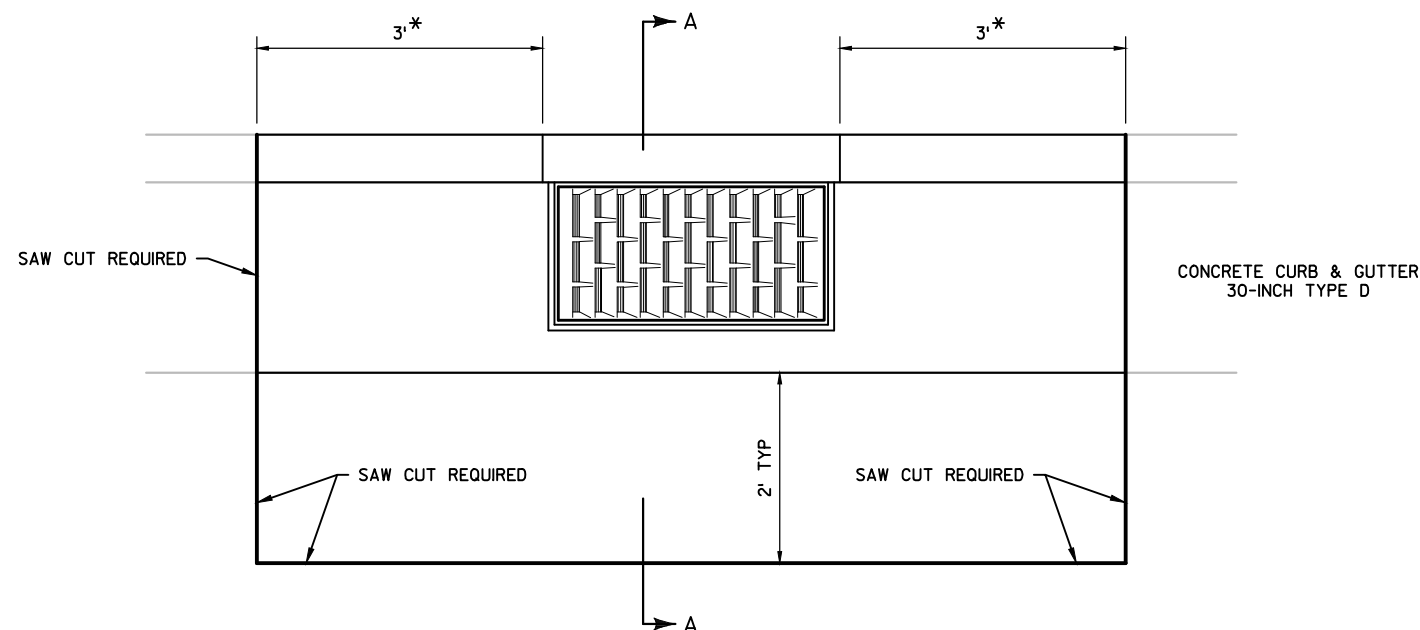
STA 14+97 TO STA 73+06
STA 97+06 TO STA 118+00
STA 130+50 TO STA 138+00
STA 144+53 TO STA 172+09
STA 183+50 TO STA 184+67





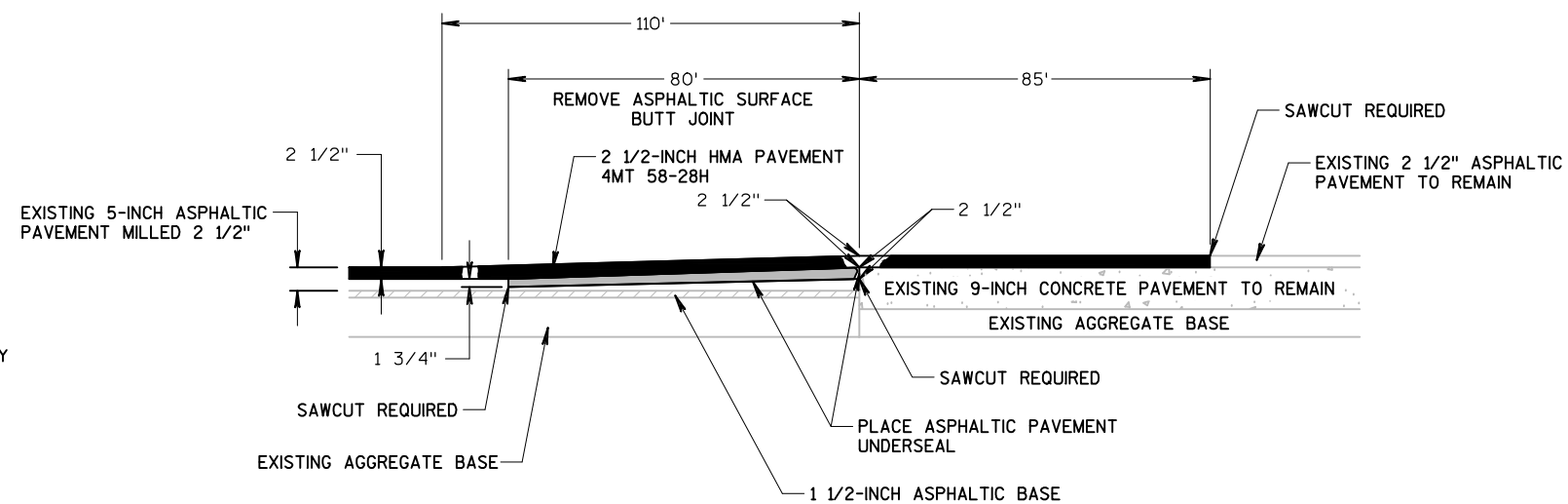
SECTION A-A

* REMOVE 3'-0" CURB & GUTTER MIN OR TO THE NEAREST JOINT 6'-0" MAX UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



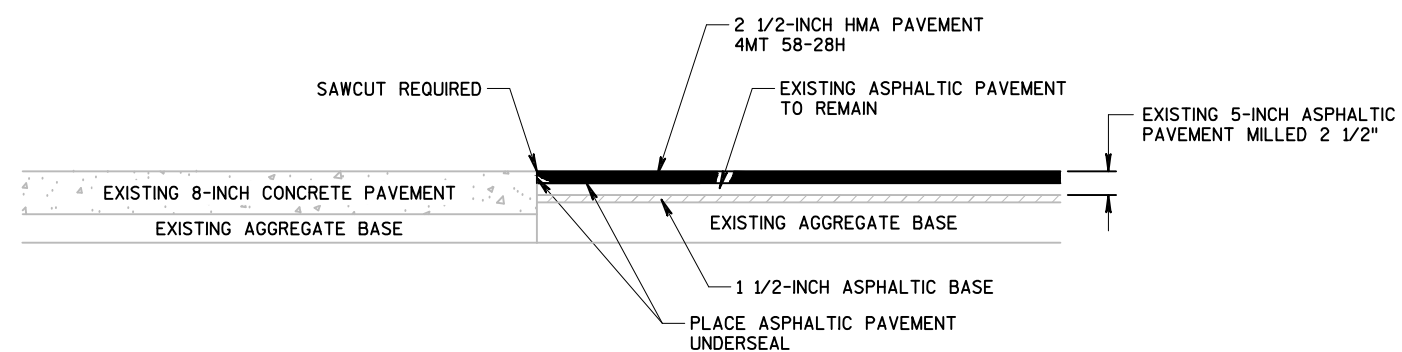
ADJUSTING INLET

SEE PLAN DETAILS FOR LOCATIONS



OVERLAP BUTT JOINT DETAIL

STA 73+06
STA 97+06



BUTT JOINT DETAIL

STA 14+97
STA 184+67

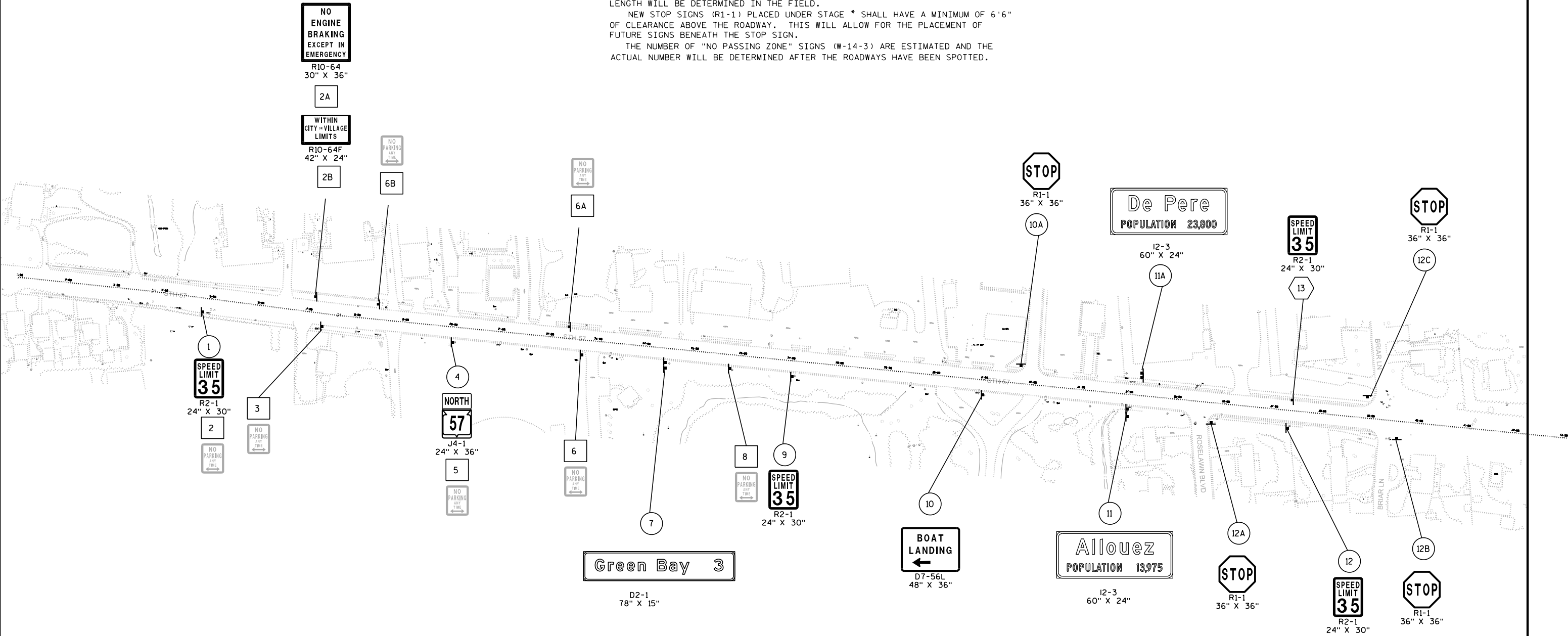
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

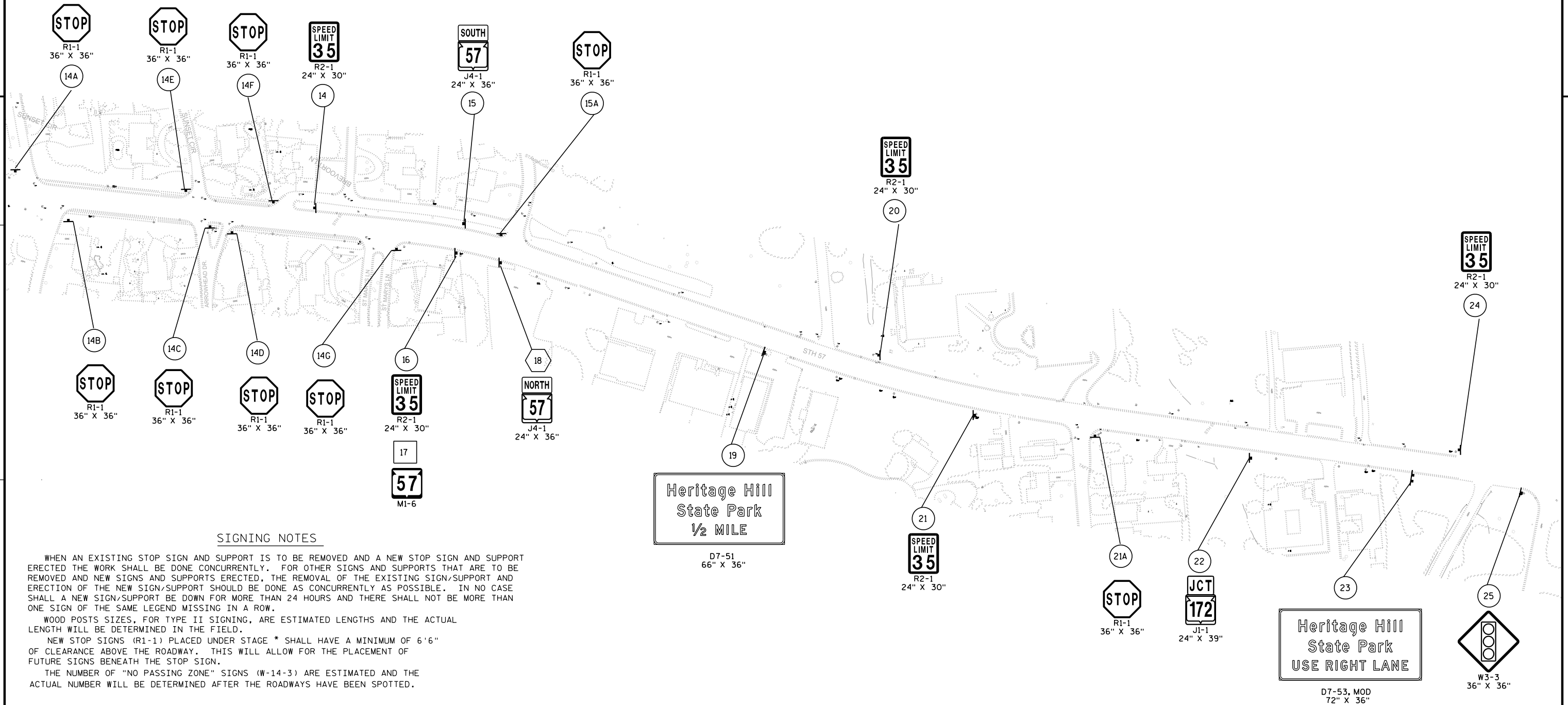
THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW

REMOVE "TREE CITY" SIGN

PLAN SHEET PRODUCED
BY WISDOT-NE REGION



SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERCTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERCTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6\"/>

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

○ SIGN-REMOVE AND REPLACE

□ SIGN-REMOVE EXISTING

⬡ SIGN-PLACE NEW

PROJECT NO: 4085-59-71

HWY: STH 57

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

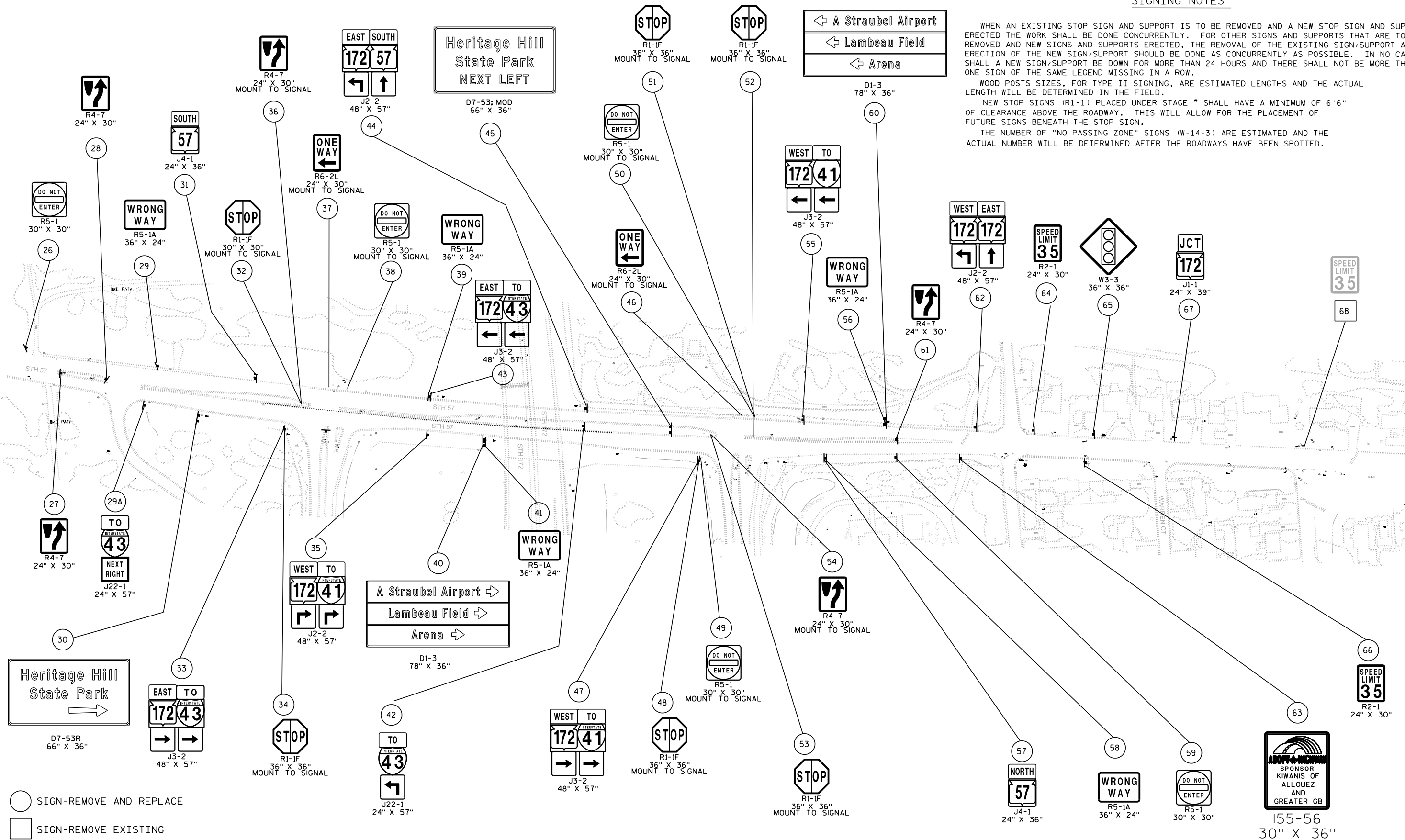
SIGNING NOTES

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERRECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERRECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERRECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW

PLAN SHEET PRODUCED
BY WISDOT-NE REGION

PROJECT NO: 4085-59-71

HWY: STH 57

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

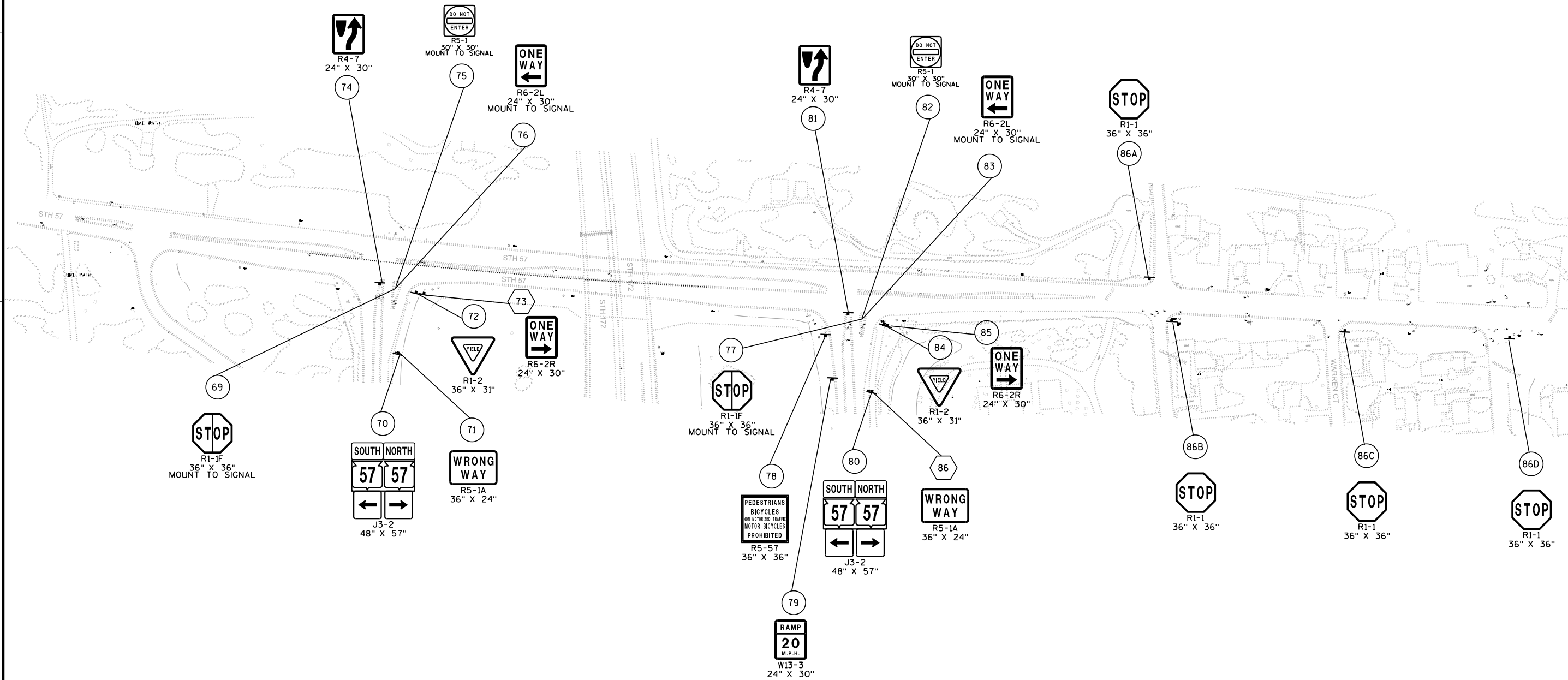
SIGNING NOTES

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NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW

PLAN SHEET PRODUCED
BY WISDOT-NE REGION

PROJECT NO: 4085-59-71

HWY: STH 57

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PERMANENT SIGNING

SHEET

E

SIGNING NOTES

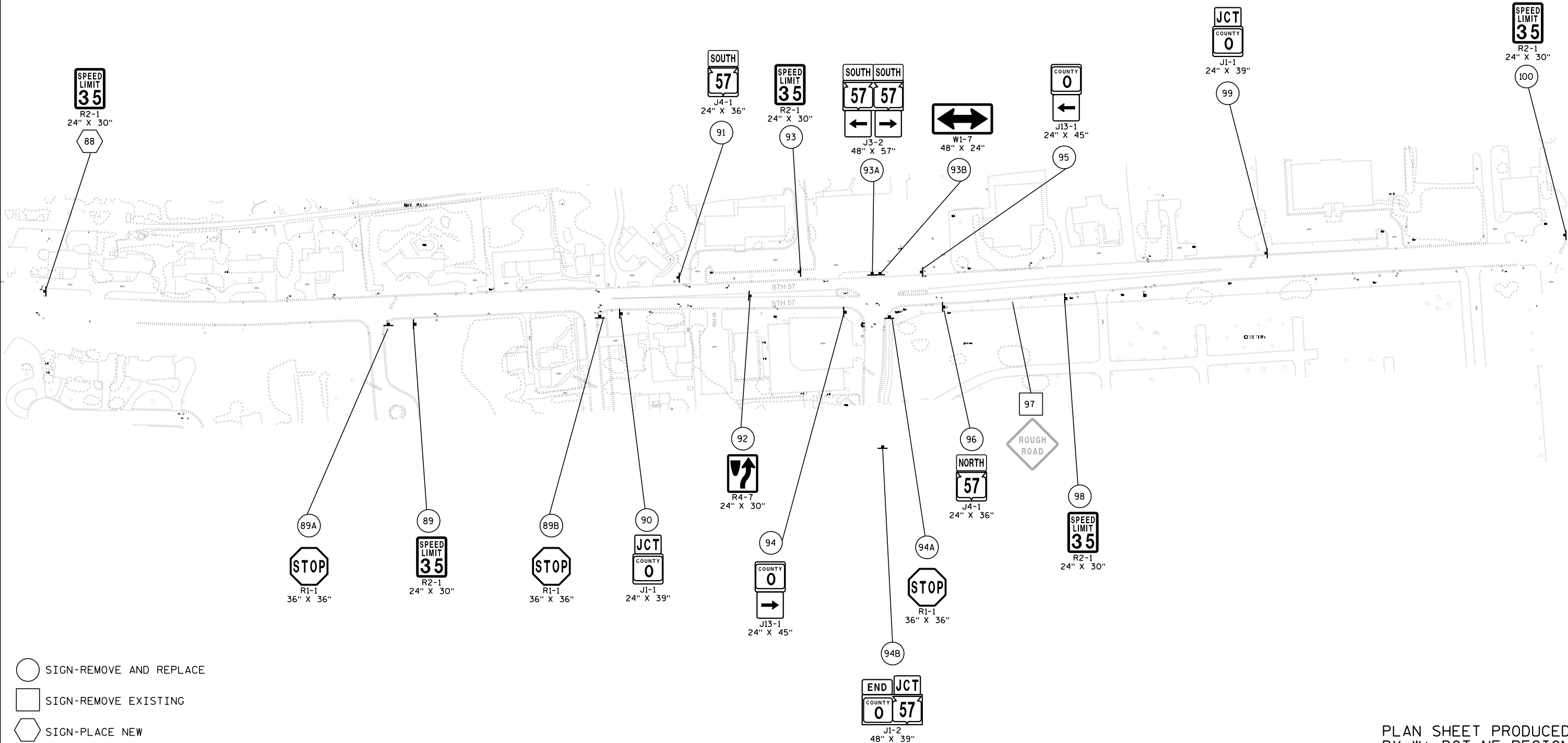
TYPE II SIGNS AND SUPPORTS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE REGIONAL TRAFFIC UNIT. SIGNS SHALL BE CAREFULLY REMOVED FROM THE SUPPORTS, SORTED BY BASE MATERIAL AND PALLETIZED BY MATERIAL TYPE. SUPPORTS SHALL BE SORTED BY LENGTH AND TYPE. THE REGIONAL TRAFFIC UNIT 920-492-5653, SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF SIGNS AND SUPPORTS.

WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

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THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



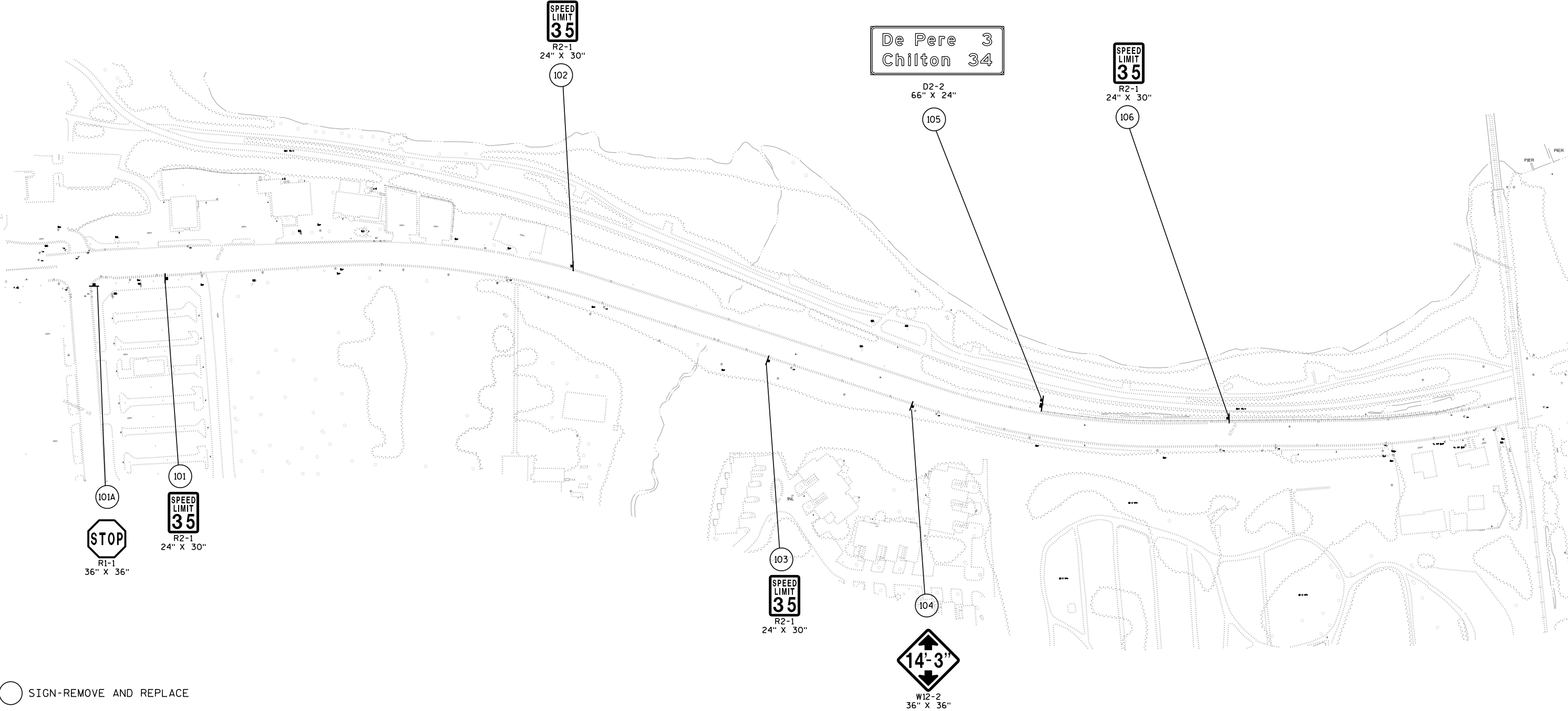
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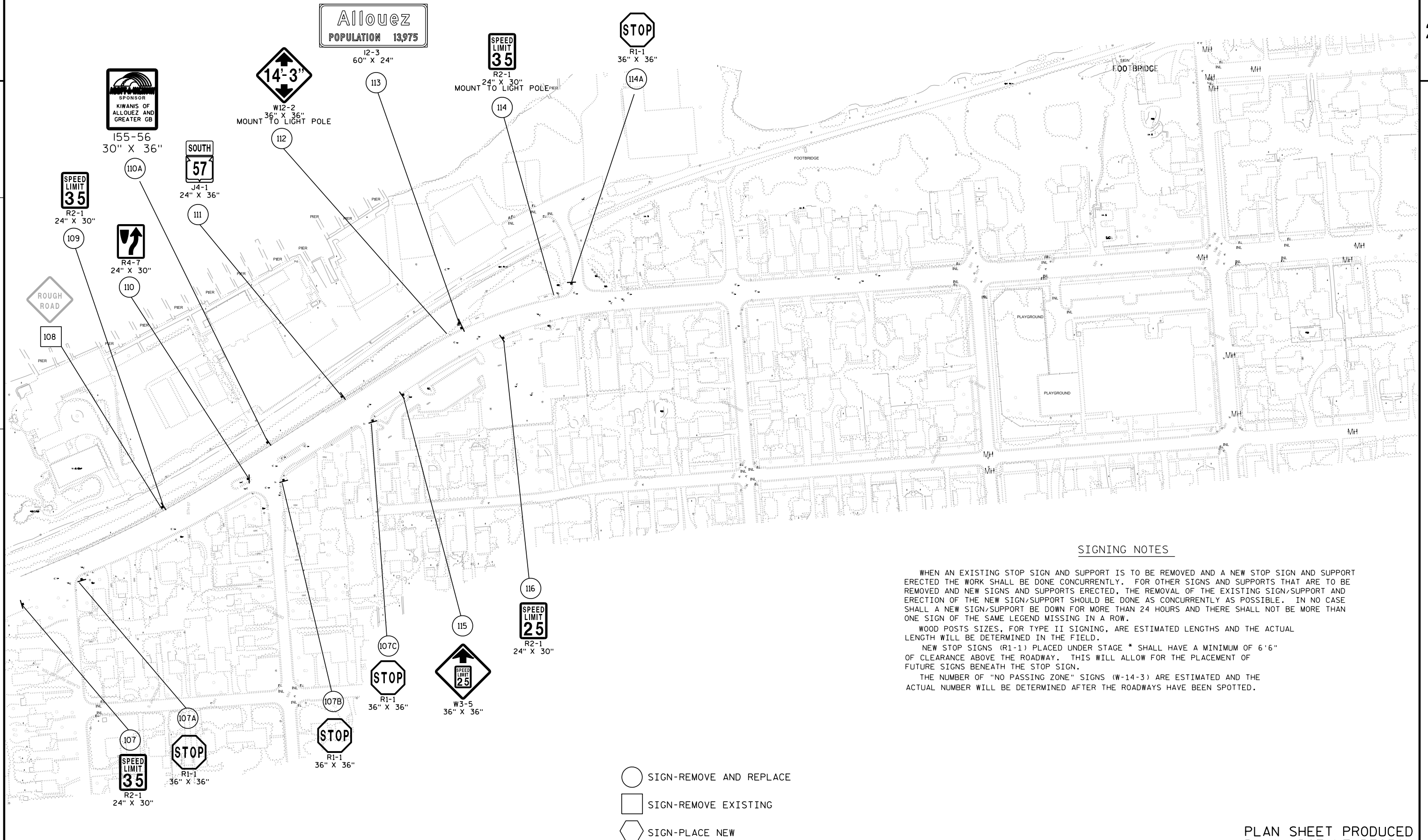
NEW STOP SIGNS (R1-1) PLACED UNDER STAGE * SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

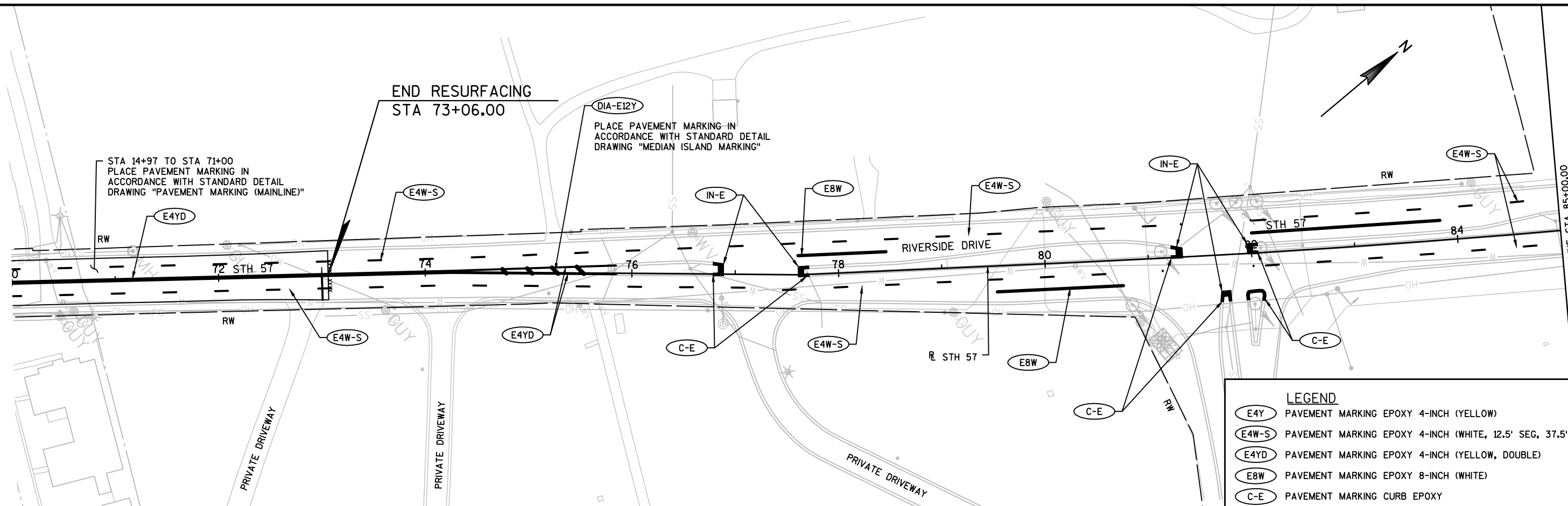
THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



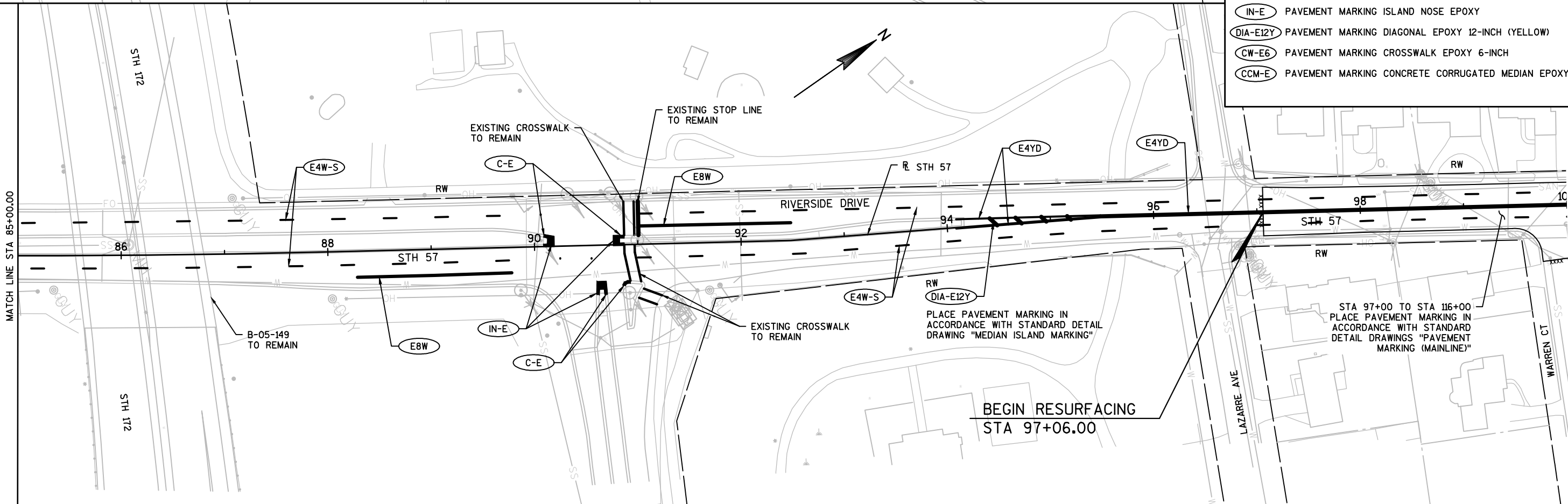
- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW

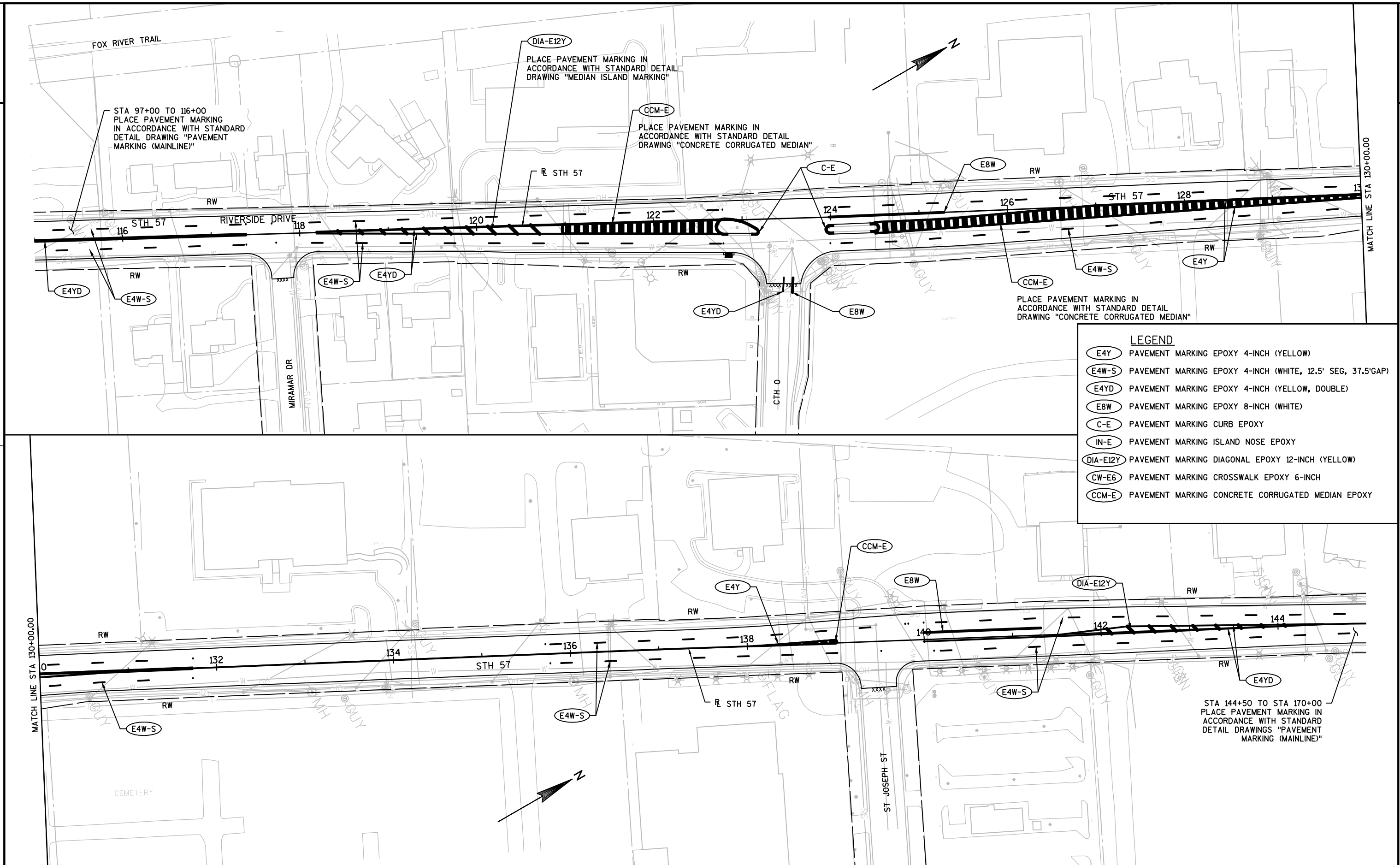
PLAN SHEET PRODUCED
BY WISDOT-NE REGION



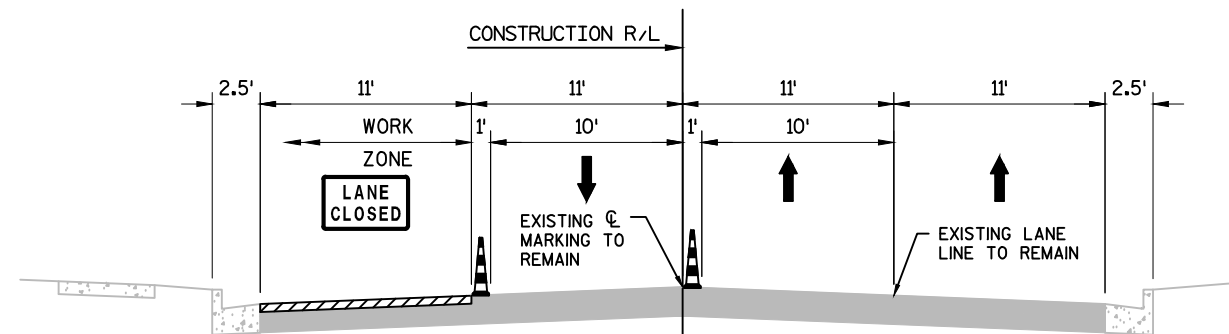


LEGEND	
(E4Y)	PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
(E4W-S)	PAVEMENT MARKING EPOXY 4-INCH (WHITE, 12.5' SEG, 37.5' GAP)
(E4YD)	PAVEMENT MARKING EPOXY 4-INCH (YELLOW, DOUBLE)
(E8W)	PAVEMENT MARKING EPOXY 8-INCH (WHITE)
(C-E)	PAVEMENT MARKING CURB EPOXY
(IN-E)	PAVEMENT MARKING ISLAND NOSE EPOXY
(DIA-E12Y)	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
(CW-E6)	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
(CCM-E)	PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY

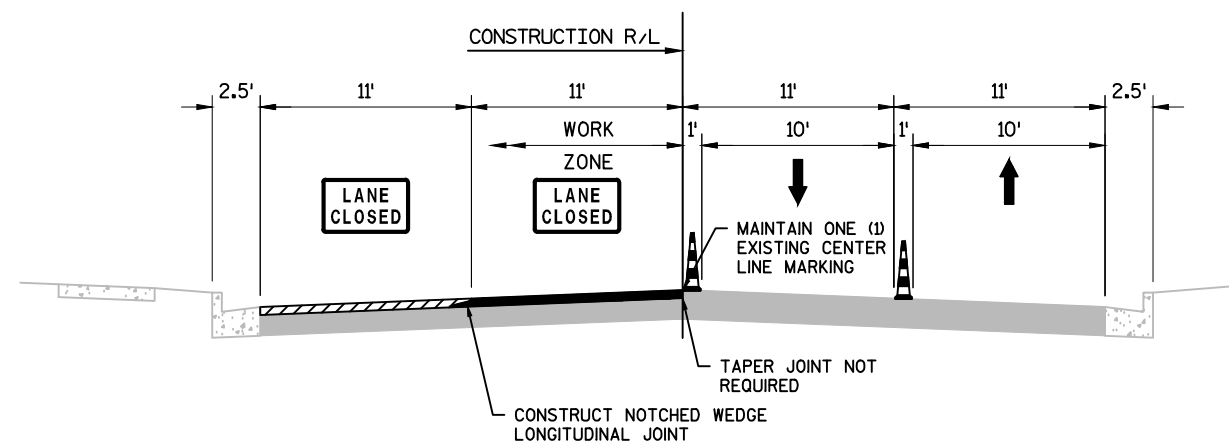




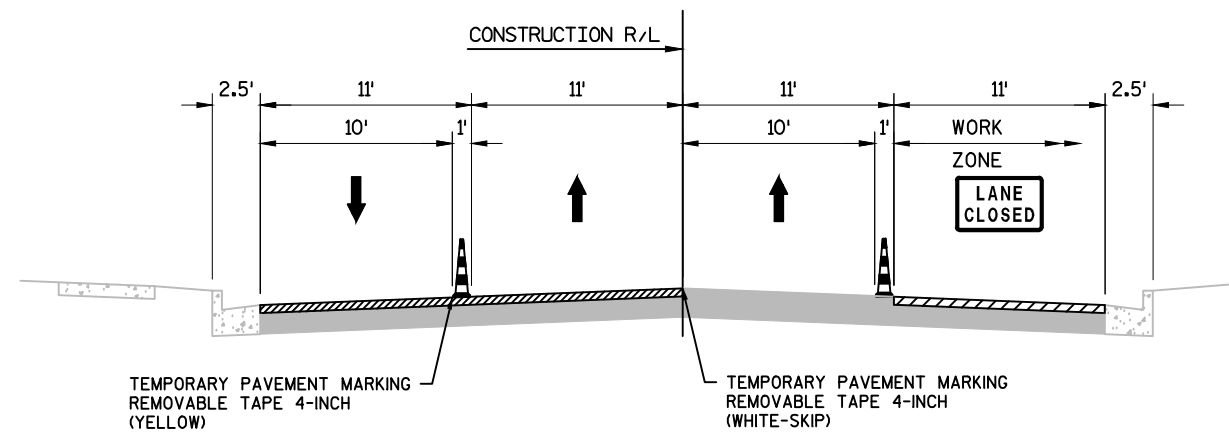
LEGEND	
E4Y	PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
E4W-S	PAVEMENT MARKING EPOXY 4-INCH (WHITE, 12.5' SEG, 37.5' GAP)
E4YD	PAVEMENT MARKING EPOXY 4-INCH (YELLOW, DOUBLE)
E8W	PAVEMENT MARKING EPOXY 8-INCH (WHITE)
C-E	PAVEMENT MARKING CURB EPOXY
IN-E	PAVEMENT MARKING ISLAND NOSE EPOXY
DIA-E12Y	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
CW-E6	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
CCM-E	PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY



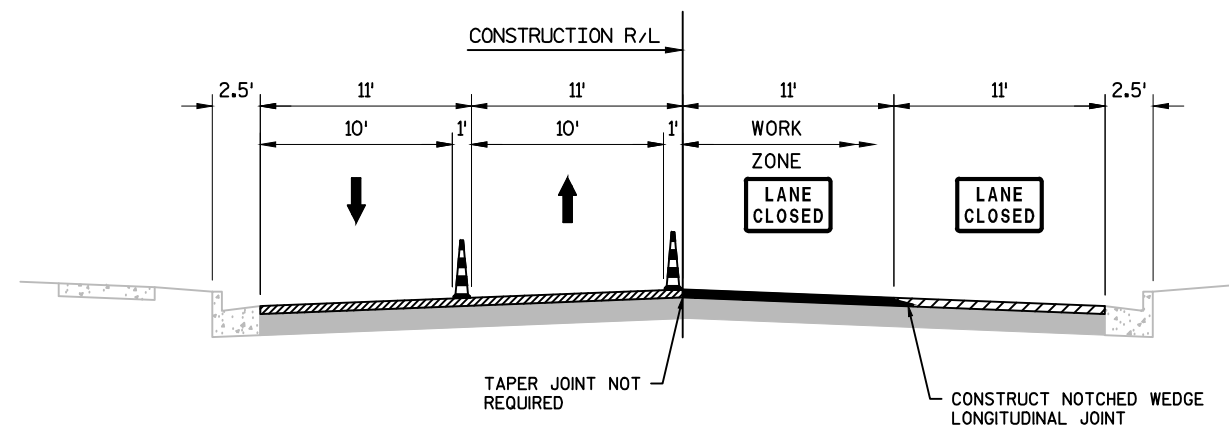
STAGE 1 AND STAGE 3
TRAFFIC CONTROL TYPICAL SECTION STH 57/RIVERSIDE DRIVE
AM PEAK HOUR
STA 14+97 TO STA 73+06
STA 97+06 TO STA 114+00
STA 145+00 TO STA 160+75



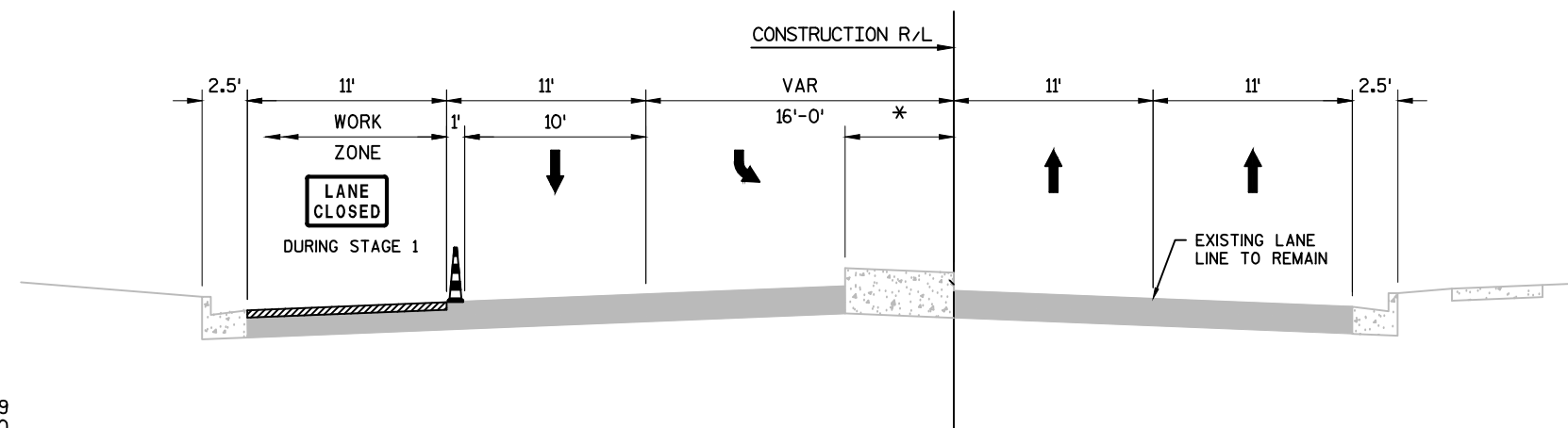
STAGE 1 AND STAGE 3
TRAFFIC CONTROL TYPICAL SECTION STH 57/RIVERSIDE DRIVE
OFF PEAK AND PM PEAK



STAGE 2 AND STAGE 4
TRAFFIC CONTROL TYPICAL SECTION STH 57/RIVERSIDE DRIVE
AM PEAK HOUR

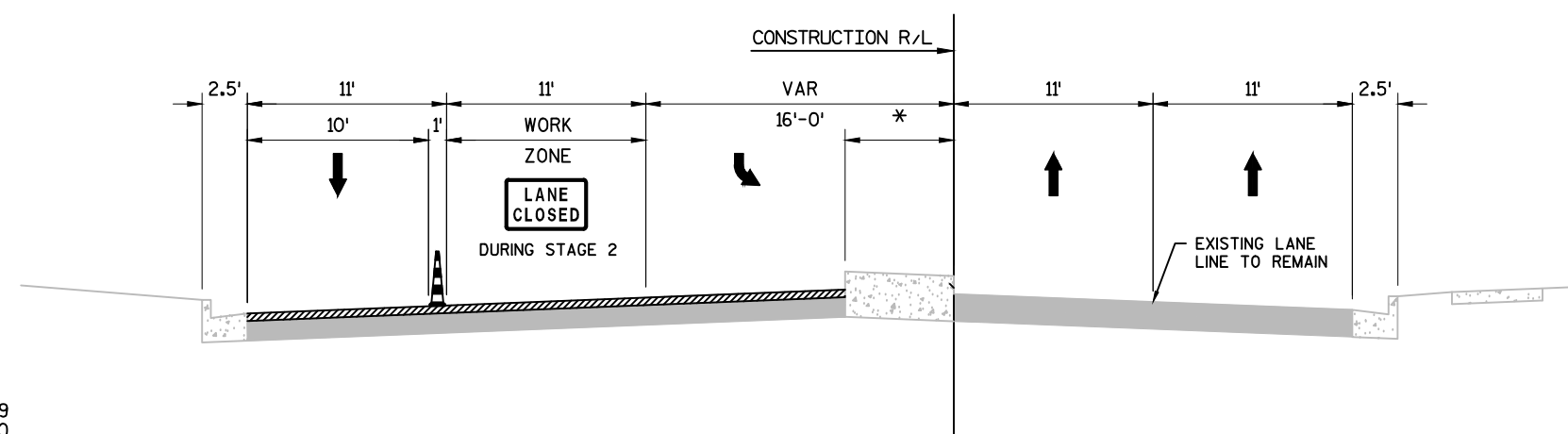


STAGE 2 AND STAGE 4
TRAFFIC CONTROL TYPICAL SECTION STH 57/RIVERSIDE DRIVE
OFF PEAK AND PM PEAK



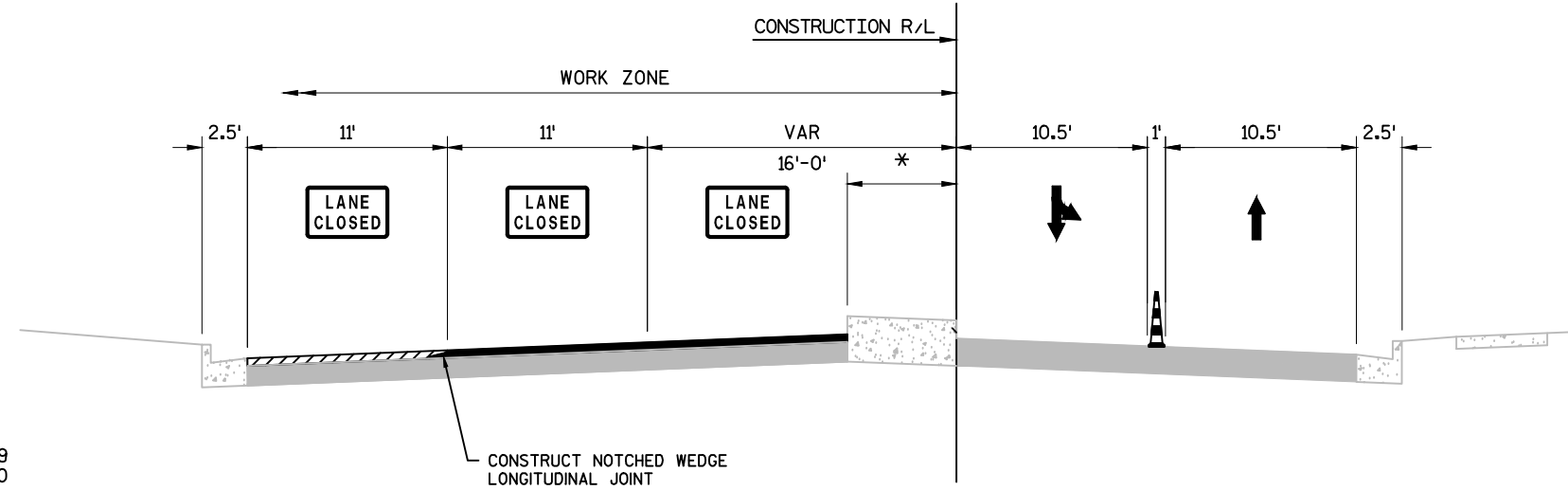
*STA 122+77 TO STA 124+49
STA 176+35 TO STA 177+00

STAGE 1
TRAFFIC CONTROL TYPICAL SECTION STH 57/ RIVERSIDE DRIVE
AM AND PM PEAK
STA 114+00 TO STA 145+00
STA 160+75 TO STA 184+67

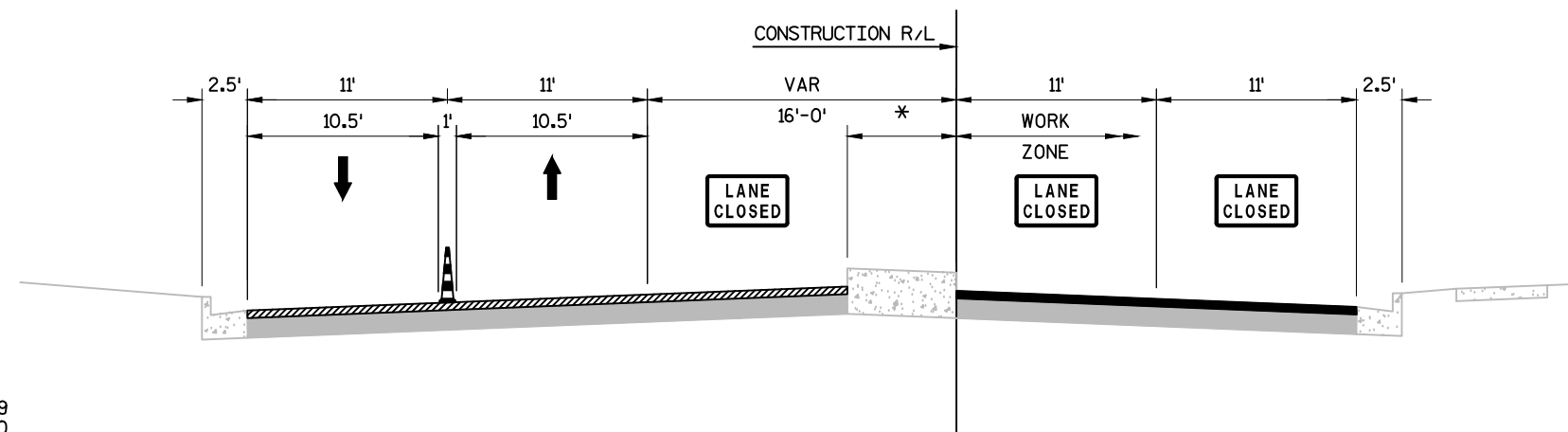


*STA 122+77 TO STA 124+49
STA 176+35 TO STA 177+00

STAGE 2
TRAFFIC CONTROL TYPICAL SECTION STH 57/ RIVERSIDE DRIVE
AM AND PM PEAK
STA 114+00 TO STA 145+00
STA 160+75 TO STA 184+67



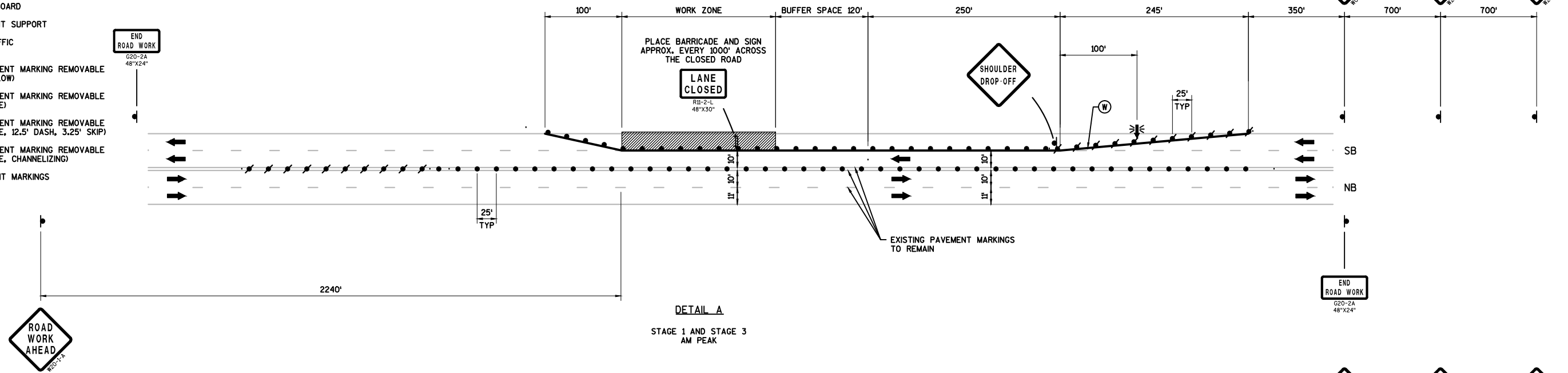
STAGE 1
TRAFFIC CONTROL TYPICAL SECTION STH 57/ RIVERSIDE DRIVE
OFF PEAK AND NIGHTTIME HOURS
 STA 114+00 TO STA 145+00
 STA 160+75 TO STA 184+67



STAGE 2
TRAFFIC CONTROL TYPICAL SECTION STH 57/ RIVERSIDE DRIVE
OFF PEAK AND NIGHTTIME HOURS
 STA 114+00 TO STA 145+00
 STA 160+75 TO STA 184+67

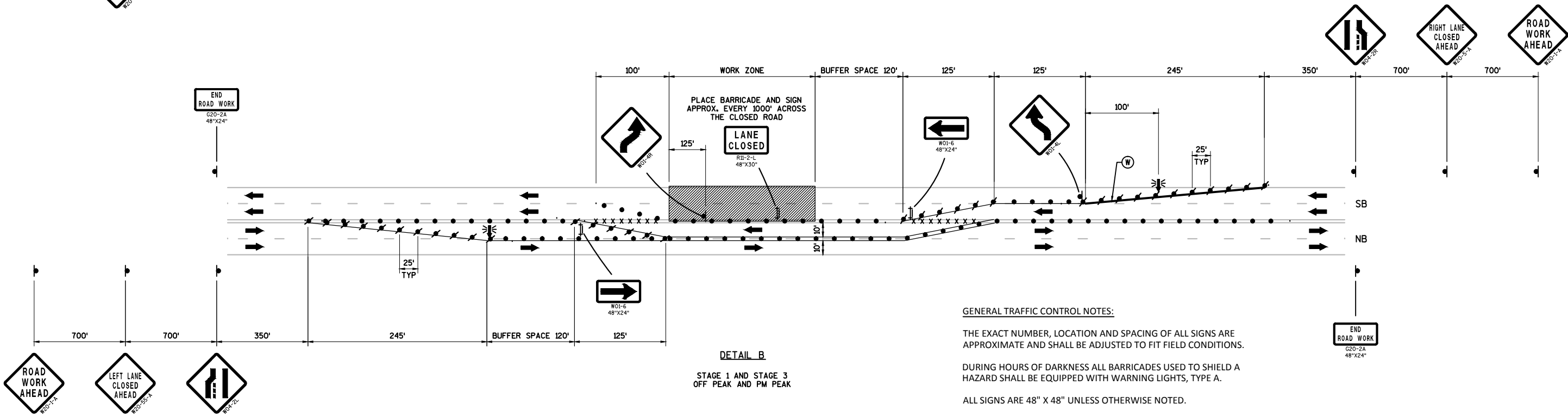
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC WORK AREA
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE, 12.5' DASH, 3.25' SKIP)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH (WHITE, CHANNELIZING)
- REMOVING PAVEMENT MARKINGS



DETAIL A

STAGE 1 AND STAGE 3
AM PEAK



DETAIL B

STAGE 1 AND STAGE 3
OFF PEAK AND PM PEAK

GENERAL TRAFFIC CONTROL NOTES:

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

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

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

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

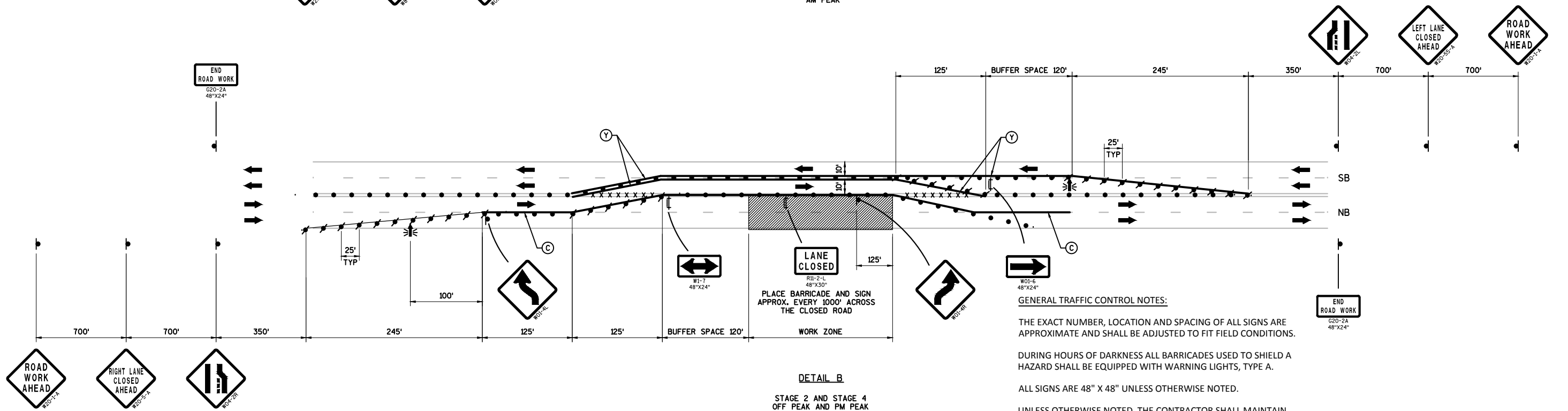
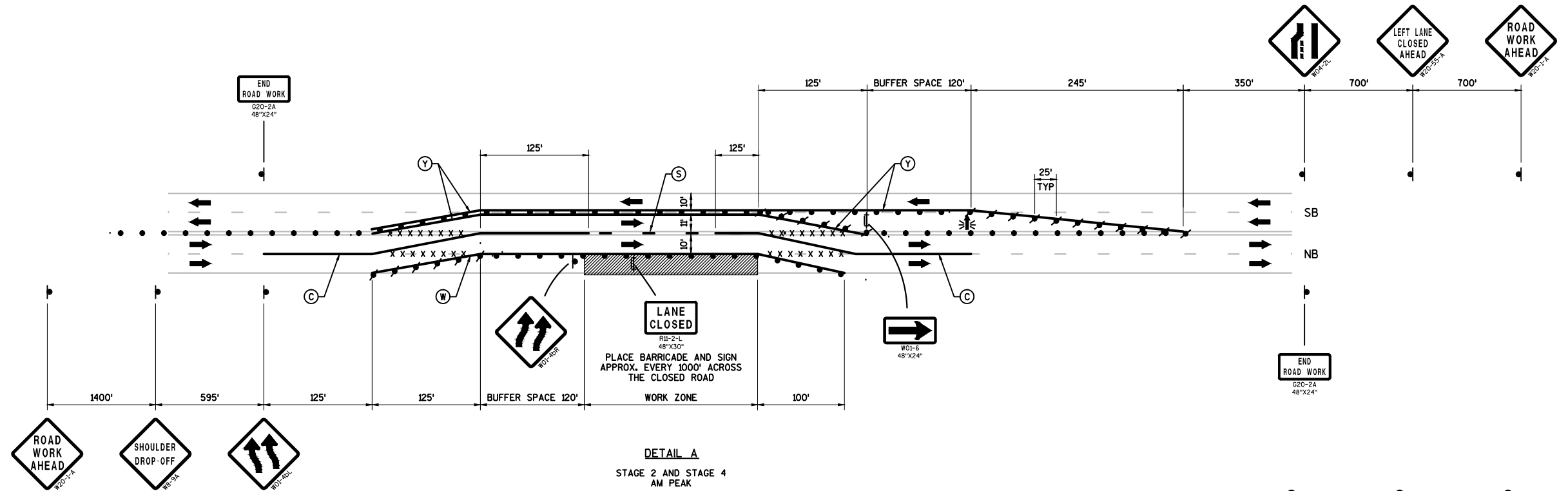
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC WORK AREA
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE, 12.5' DASH, 3.25' SKIP)
- TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH (WHITE, CHANNELIZING)
- REMOVING PAVEMENT MARKINGS



GENERAL TRAFFIC CONTROL NOTES:

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

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

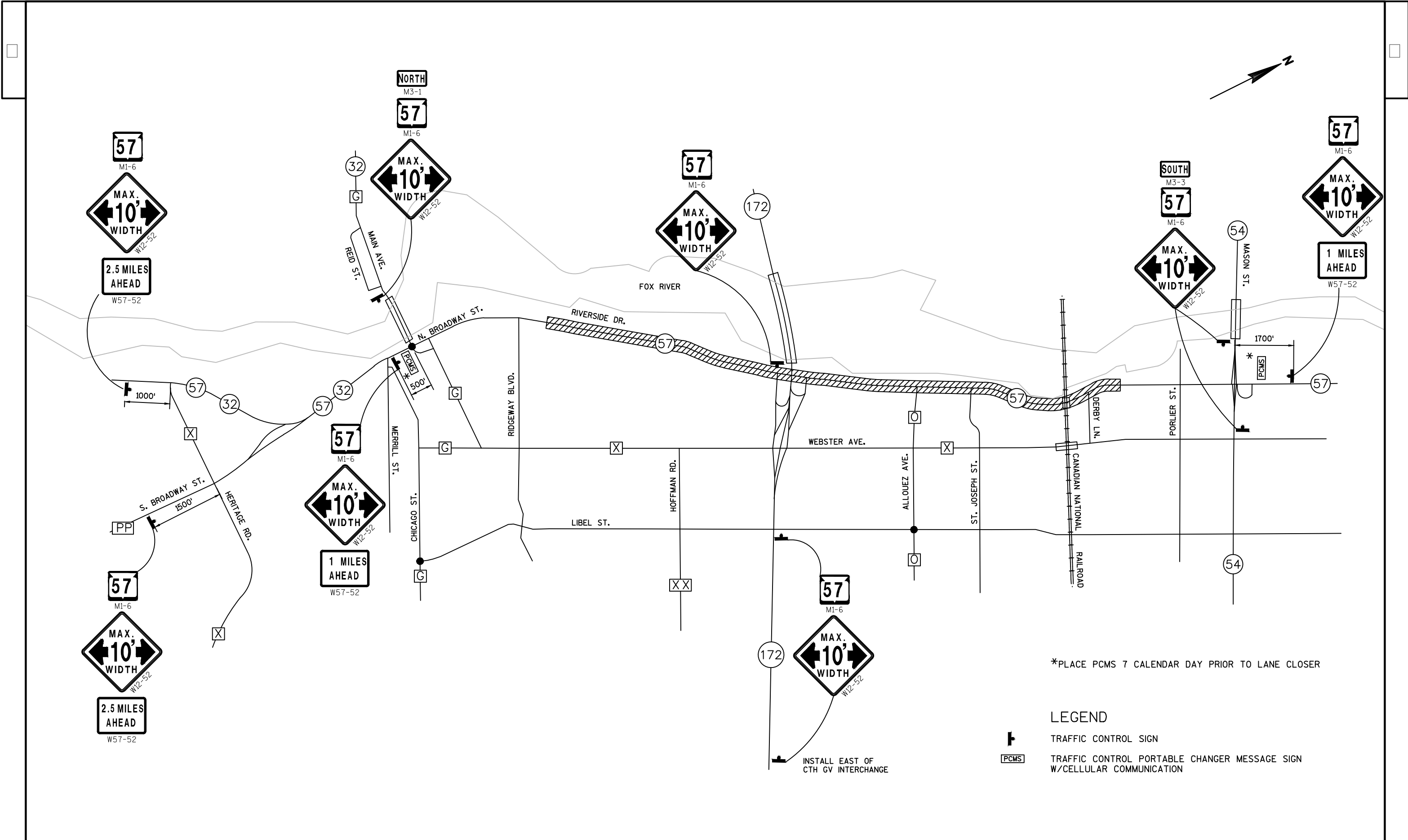
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

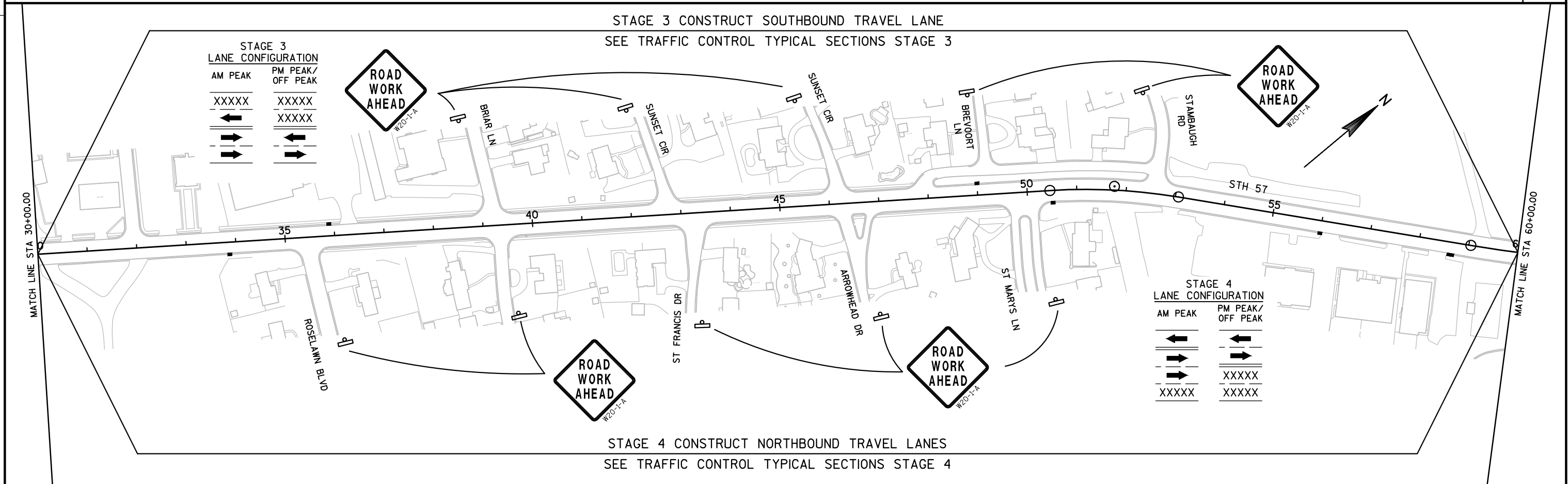
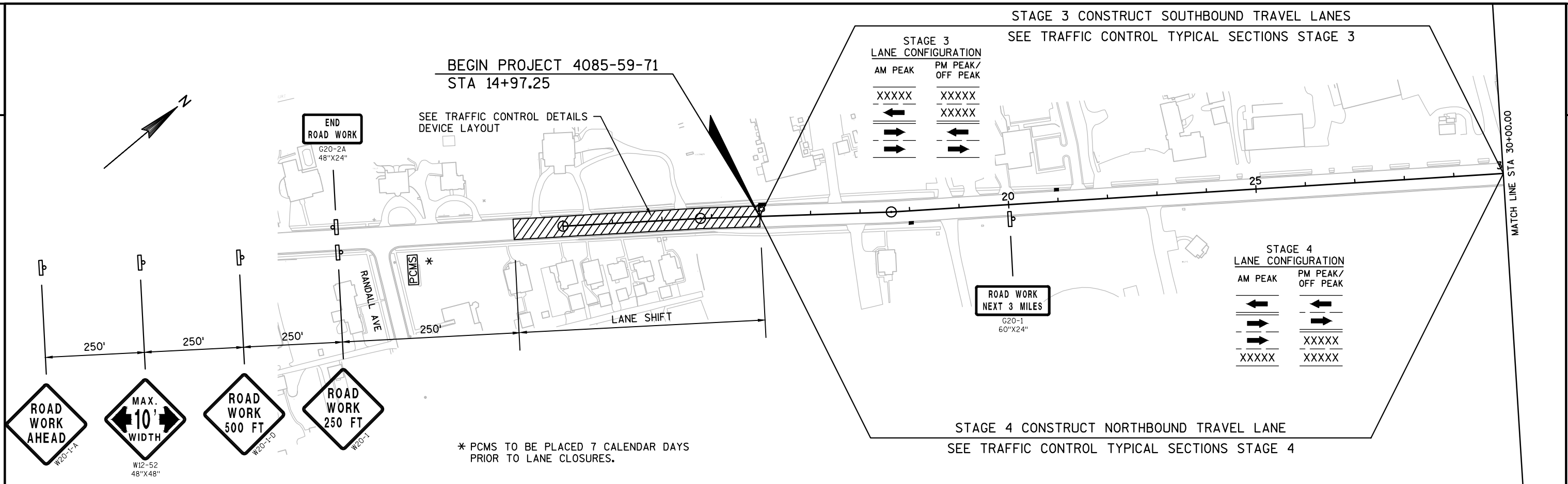
UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.

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ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.





STAGE 3 CONSTRUCT SOUTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 3

STAGE 3 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
XXXXX	XXXXX
←	←
→	→
→	→

STAGE 4 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
←	←
→	→
→	XXXXX
XXXXX	XXXXX

STAGE 4 CONSTRUCT NORTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 4

STAGE 1 CONSTRUCT SOUTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 1

STAGE 1 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
XXXXX	XXXXX
←	←
→	→
→	→

STAGE 2 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
←	←
→	→
→	XXXXX
XXXXX	XXXXX

STAGE 2 CONSTRUCT NORTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 2



PROJECT NO: 4085-59-71

HWY: STH 57

COUNTY: BROWN

TRAFFIC CONTROL PLAN

SHEET

E

FILE NAME : X:\3230500\156686.01\TECH\CAD\40855901\SHEETSP\PLAN\025001.TC.DWG
STH 57 PLAN SET - 025001.TC - LAYOUT 2

PLOT DATE : 1/18/2016 11:34 AM

PLOT BY : JEFF BREU

PLOT NAME :

PLOT SCALE : *****

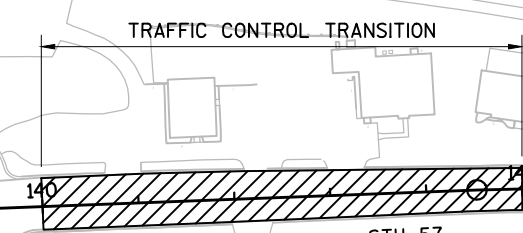
WISDOT/CADDS SHEET 42

STAGE 1 CONSTRUCT SOUTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 1

STAGE 1 LANE CONFIGURATION	
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ← → →	XXXXX ← → →

STAGE 2 LANE CONFIGURATION	
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ← → →	XXXXX ← → →

STAGE 2 CONSTRUCT NORTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 2



MATCH LINE STA 119+00.00

MATCH LINE STA 148+00.00

STAGE 1 CONSTRUCT SOUTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 1

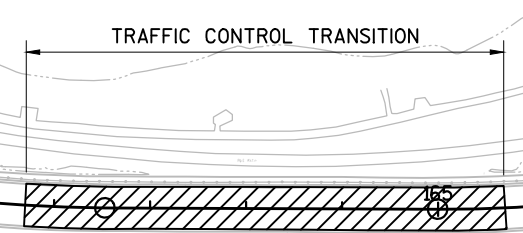
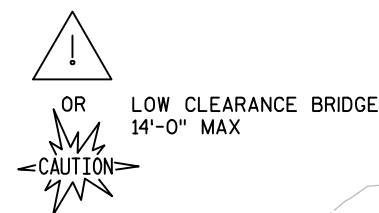
STAGE 1 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
XXXXX ← → →	XXXXX ← → →

STAGE 1 LANE CONFIGURATION	
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ← → →	XXXXX ← → →

STAGE 2 LANE CONFIGURATION	
AM PEAK	PM PEAK/ OFF PEAK
XXXXX ← → →	XXXXX ← → →

STAGE 2 LANE CONFIGURATION	
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ← → →	XXXXX ← → →

STAGE 2 CONSTRUCT NORTHBOUND TRAVEL LANES
SEE TRAFFIC CONTROL TYPICAL SECTIONS STAGE 2



MATCH LINE STA 148+00.00

MATCH LINE STA 178+00.00

STAGE 1 CONSTRUCT SOUTHBOUND
TRAVEL LANES

SEE TRAFFIC CONTROL TYPICAL
SECTIONS STAGE 1

STAGE 1 LANE CONFIGURATION	
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ←	XXXXX ←
→	→
→	→

END PROJECT 4085-59-71
STA 184+64.75

STAGE 2
LANE CONFIGURATION

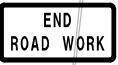
AM PEAK/ PM PEAK	OFF PEAK/ NIGHTTIME
XXXXX ←	XXXXX ←
→	→
→	→

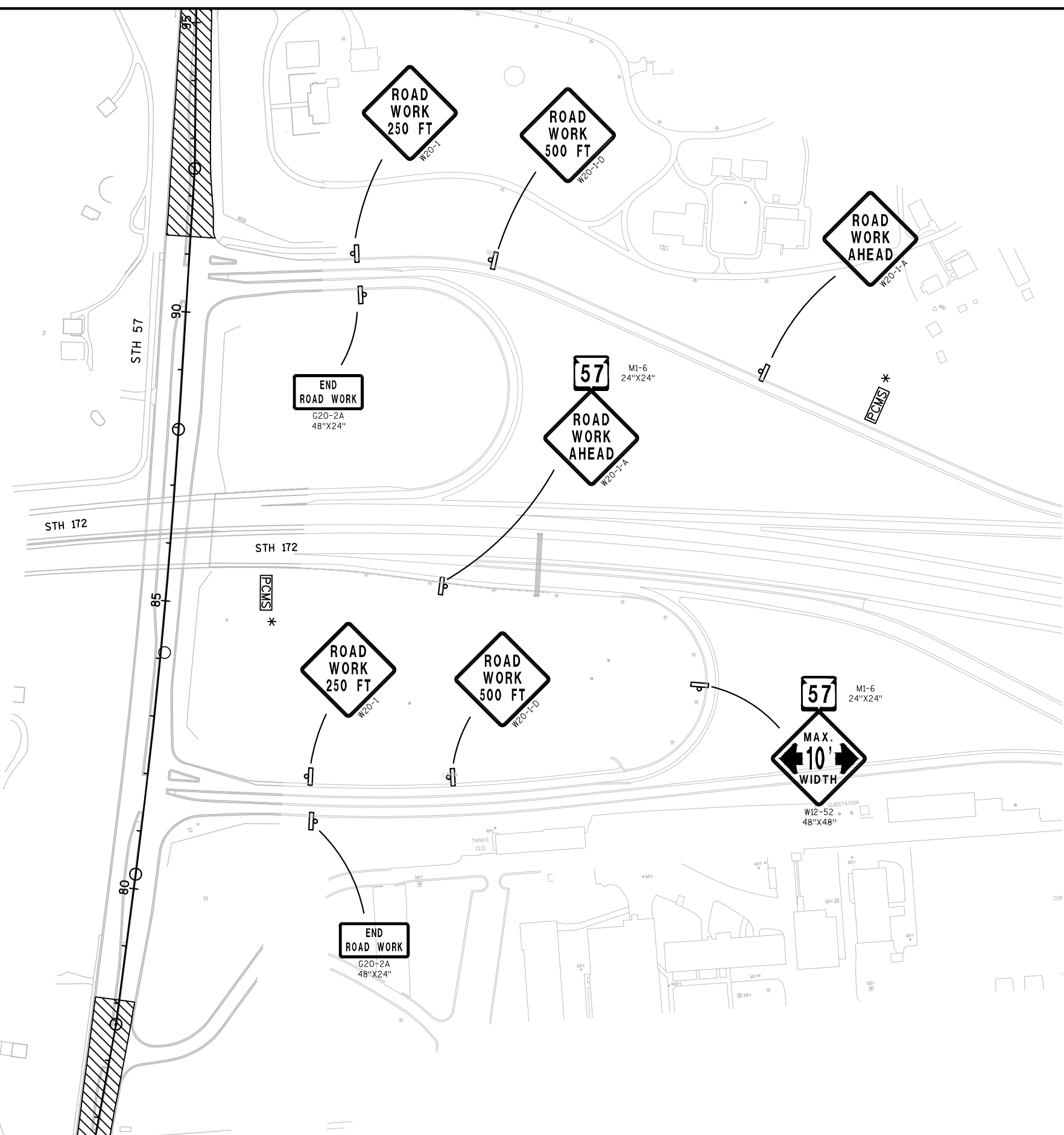
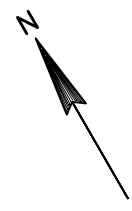
STAGE 2 CONSTRUCT NORTHBOUND
TRAVEL LANES

SEE TRAFFIC CONTROL TYPICAL
SECTIONS STAGE 2

SEE SDD "TRAFFIC CONTROL,
SINGLE LANE CLOSURE
NON-FREEWAY/EXPRESSWAY"
STAGE 1 - RIGHT LANE CLOSED
STAGE 2 - LEFT LANE CLOSED

* PCMS TO BE PLACED 7 CALENDAR DAYS
PRIOR TO LANE CLOSURES.





* PCMS TO BE PLACED 7 CALENDAR DAYS
PRIOR TO LANE CLOSURES.

DATE 17FEB16		E S T I M A T E O F Q U A N T I T I E S			
LINE				4085-59-71	
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTI TY
0010	204.0110	Removing Asphalt ic Surface	SY	107.000	107.000
0020	204.0115	Removing Asphalt ic Surface Butt Joints	SY	800.000	800.000
0030	204.0120	Removing Asphalt ic Surface Milling	SY	74,960.000	74,960.000
0040	204.0150	Removing Curb & Gutter	LF	338.000	338.000
0050	213.0100	Finishing Roadway (project) 01. 4085-59-71	EACH	1.000	1.000
0060	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	66.000	66.000
0070	440.4410	Incentive IRI Ride	DOL	22,080.000	22,080.000
0080	455.0505	Asphalt ic Material Seal Coat	GAL	28,500.000	28,500.000
0090	455.0605	Tack Coat	GAL	500.000	500.000
0100	460.2000	Incentive Densi ty HMA Pavement	DOL	7,770.000	7,770.000
0110	460.4110.S	Reheating HMA Pavement Longi tudinal Joints	LF	30,370.000	30,370.000
0120	460.6424	HMA Pavement 4 MT 58-28 H	TON	12,143.000	12,143.000
0130	465.0110	Asphalt ic Surface Patching	TON	100.000	100.000
0140	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	338.000	338.000
0150	611.8110	Adjusting Manhole Covers	EACH	3.000	3.000
0160	611.8115	Adjusting Inlet Covers	EACH	24.000	24.000
0170	618.0100	Maintenance And Repair of Haul Roads (project) 01. 4085-59-71	EACH	1.000	1.000
0180	619.1000	Mobilization	EACH	1.000	1.000
0190	624.0100	Water	MGAL	3.000	3.000
0200	625.0100	Topsoil	SY	109.000	109.000
0210	628.1905	Mobilizations Erosion Control	EACH	5.000	5.000
0220	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0230	628.2006	Erosion Mat Urban Class I Type A	SY	109.000	109.000
0240	628.7015	Inlet Protection Type C	EACH	124.000	124.000
0250	628.7020	Inlet Protection Type D	EACH	39.000	39.000
0260	629.0210	Fertilizer Type B	CWT	0.300	0.300
0270	630.0140	Seeding Mi xture No. 40	LB	4.340	4.340
0280	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	85.000	85.000
0290	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	40.000	40.000
0300	637.2210	Signs Type II Reflective H	SF	1,030.630	1,030.630
0310	637.2215	Signs Type II Reflective H Folding	SF	66.500	66.500
0320	637.2230	Signs Type II Reflective F	SF	58.000	58.000
0330	638.2602	Removing Signs Type II	EACH	137.000	137.000
0340	638.3000	Removing Small Sign Supports	EACH	123.000	123.000
0350	642.5001	Field Office Type B	EACH	1.000	1.000
0360	643.0100	Traffic Control (project) 01. 4085-59-71	EACH	1.000	1.000
0370	643.0300	Traffic Control Drums	DAY	7,227.000	7,227.000
0380	643.0420	Traffic Control Barricades Type III	DAY	1,789.000	1,789.000
0390	643.0705	Traffic Control Warning Lights Type A	DAY	3,577.000	3,577.000
0400	643.0715	Traffic Control Warning Lights Type C	DAY	7,113.000	7,113.000
0410	643.0800	Traffic Control Arrow Boards	DAY	266.000	266.000
0420	643.0900	Traffic Control Signs	DAY	4,623.000	4,623.000
0430	643.1050	Traffic Control Signs PCMS	DAY	594.000	594.000
0440	646.0106	Pavement Marking Epoxy 4-Inch	LF	39,305.000	39,305.000
0450	646.0126	Pavement Marking Epoxy 8-Inch	LF	1,195.000	1,195.000
0460	646.0600	Removing Pavement Markings	LF	37,215.000	37,215.000
0470	647.0456	Pavement Marking Curb Epoxy	LF	315.000	315.000
0480	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	15.000	15.000
0490	647.0606	Pavement Marking Island Nose Epoxy	EACH	11.000	11.000
0500	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	240.000	240.000
0510	647.0766	Pavement Marking Crosswal k Epoxy 6-Inch	LF	160.000	160.000

DATE 17FEB16		E S T I M A T E O F Q U A N T I T I E S			
LINE					4085-59-71
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0520	647.0856	Pavement Marking Concrete Corrugated Median Epoxy	SF	6,330.000	6,330.000
0530	649.0400	Temporary Pavement Marking Removable Tape 4-Inch	LF	55,000.000	55,000.000
0540	649.0801	Temporary Pavement Marking Removable Tape 8-Inch	LF	3,150.000	3,150.000
0550	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	338.000	338.000
0560	650.8000	Construction Staking Resurfacing Reference	LF	16,970.000	16,970.000
0570	650.9910	Construction Staking Supplemental Control (project) 01. 4085-59-71	LS	1.000	1.000
0580	690.0150	Sawing Asphalt	LF	3,356.000	3,356.000
0590	690.0250	Sawing Concrete	LF	128.000	128.000
0600	SPV.0045	Special 01. Traffic Control Channelizer Cone	DAY	52,228.000	52,228.000
0610	SPV.0045	Special 02. Portable Changeable Message Sign (PCMS) Cellular Communications	DAY	290.000	290.000
0620	SPV.0060	Special 01. Adjusting Sanitary Manhole Covers	EACH	7.000	7.000
0630	SPV.0075	Special 01. Street Sweeping	HRS	300.000	300.000
0640	SPV.0195	Special 01. Asphaltic Pavement Underseal	TON	875.000	875.000

HMA PAVEMENT ITEMS											
*											
				204.0115	204.0120	455.0505	455.0605	460.4110.S	460.6424	465.0110	SPV.0195.01
				REMOVING	REMOVING	ASPHALTIC		REHEATING HMA		ASPHALTIC	ASPHALTIC
				ASPHALTIC	ASPHALTIC	MATERIAL	TACK	PAVEMENT	HMA	SURFACE	PAVEMENT
				SURFACE	SURFACE	SEAL COAT	COAT	LONGITUDINAL	PAVEMENT	PATCHING	UNDERSEAL
				BUTT JOINTS	MILLING			JOINTS	4 MT 58- 28 H		
ATION - STATION	LOCATION	SY	SY	SY	GAL	GAL	LF	TON	TON	TON	
14+97 - 73+06	NB	15055	--	15055	5720	--	6110	2080	--	175	
	SB	14450	--	14450	5490	--	6110	1990	--	170	
97+06 - 114+00	NB	4430	400	4430	1685	--	1700	620	--	50	
	SB	4135	400	4135	1575	--	1700	570	--	50	
114+00 - 145+00	NB	8230	--	8230	3130	--	3100	1140	--	95	
	SB	8140	--	8140	3100	--	3100	1130	--	95	
145+00 - 160+75	NB	3835	--	3835	1460	--	1575	530	--	45	
	SB	3870	--	3870	1470	--	1575	540	--	45	
160+75 - 184+67	NB	6815	--	6815	2590	--	2700	940	--	80	
	SB	6000	--	6000	2280	--	2700	830	--	70	
UNDISTRIBUTED						500		1750	100		
TOTAL				800	74,960	28,500	500	30,370	12,120	100	875

DESIGN NOTES:

- UNDISTRIBUTED HMA PAVEMENTTO BE USED FOR FULL DEPTH REPAIRS. ESTIMATED TO BE 10% OF THE TOTAL AREA. DEPTH ESTIMATED AT 4 INCHES BELOW MILLED SURFACE.
- ASPHALTIC MATERIAL SEAL COAT ESTIMATED APPLICATION RATE EQUAL TO 0.38 GAL/SY.
- TACK COAT TO BE UTILIZED ON ASPHALTIC PAVEMENT UNDERSEAL NOT PAVED OVER WITHIN SEVEN DAYS OF APPLICATION. ESTIMATED APPLICATION RATE EQUAL TO 0.07 GAL/SY.
- ASPHALTIC SURFACE PATCHING TO BE USED FOR PARITIAL DEPTH REPAIRS AND POTHOLES THAT DEVELOP DURING CONSTRUCTION.
- ASPHALTIC PAVEMENT UNDERSEAL ESTIMATED TO BE 23 LBS./SY.

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

ADJUST MANHOLE AND SANITARY MANHOLE ITEMS							
		*	*	*			
		202.0110	305.0120	460.6424	611.8110	690.0150	SPV.0060.01
		REMOVING	BASE	HMA	ADJUSTING		ADJUSTING
		ASPHALTIC	AGGREGATE	PAVEMENT	MANHOLE	SAWING	SANITARY MANHOLE
		SURFACE	DENSE	4 MT 58- 28	COVERS	ASPHALT	COVERS
		1 1/4- INCH		H			
STATION	OFFSET	SY	TON	TON	EACH	LF	EACH
42+85	23.5' LT	2	0.3	0.5	1	16	--
43+45	23.5' LT	2	0.3	0.5	--	16	1
46+30	23.5' RT	2	0.3	0.5	--	16	1
64+60	23.5' LT	2	0.3	0.5	--	16	1
98+26	23.5' RT	2	0.3	0.5	--	16	1
115+80	23.5' LT	2	0.3	0.5	1	16	--
117+90	23.5' LT	2	0.3	0.5	--	16	1
119+75	23.5' RT	2	0.3	0.5	1	16	--
138+72	23.5' RT	2	0.3	0.5	--	16	1
139+50	23.5' RT	2	0.3	0.5	--	16	1
TOTAL		20	3.0	5.0	3	160	7

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

FINISHING ROADWAY (4085- 59- 71)	
STATION - STATION	213.0100 FINISHING ROADWAY EACH
4085- 59- 71	1
TOTAL	1

MAINTENANCE AND REPAIR OF HAUL ROADS	
STATION - STATION	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS EACH
PROJECT 4085- 59- 71	1
TOTAL	1

MOBILIZATION	
STATION - STATION	619.1000 MOBILIZATION EACH
PROJECT 4085- 59- 71	1
TOTAL	1

DRAINAGE INLET REPAIR ITEMS														
STATION	OFFSET	*		*	*								*	
		202.0110	204.0150	305.0120	460.6424	601.0411	611.8115	624.0100	625.0100	628.2006	629.0210	630.0140	690.0150	690.0250
		REMOVING	REMOVING	BASE	HMA	CONCRETE	ADJUSTING			EROSION MAT		SEEDING		
		ASPHALTIC	CURB &	AGGREGATE	PAVEMENT	CURB & GUTTER	INLET			URBAN CLASS I	FERTILIZER	MIXTURE NO.	SAWING	SAWING
		SURFACE	GUTTER	DENSE	4 MT 58-28	30-INCH	COVERS	WATER	TOPSOIL	TYPE A	TYPE B	40	ASPHALT	CONCRETE
		SY	LF	TON	TON	LF	EACH	MGAL	SY	SY	CWT	LB	LF	LF
15+00	23.5' LT	3	11	2	0.6	11	1	0.10	3	3	0.01	0.12	13	3
15+06	23.5' LT	3	11	2	0.6	11	1	0.10	3	3	0.01	0.12	13	3
18+02	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
20+98	23.5' LT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
33+90	23.5' RT	3	11	2	0.6	11	1	0.10	3	3	0.01	0.12	13	3
35+90	23.5' LT	4	17	3	0.9	17	1	0.10	4	4	0.01	0.17	21	5
49+00	23.5' LT	4	19	3	0.9	19	1	0.10	4	4	0.01	0.18	23	5
50+51	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
56+00	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
58+63	23.5' RT	3	11	2	0.6	11	1	0.10	3	3	0.01	0.12	13	3
58+69	23.5' RT	3	11	2	0.6	11	1	0.10	3	3	0.01	0.12	13	3
101+48	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
103+70	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
106+90	23.5' LT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
110+90	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
110+90	23.5' LT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
111+76	23.5' LT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
112+20	23.5' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
112+70	23.5' LT	3	14	2	0.7	14	1	0.10	3	3	0.01	0.14	16	3
112+83	23.5' LT	3	14	2	0.7	14	1	0.10	3	3	0.01	0.14	16	3
122+84	38.0' RT	4	15	3	0.8	15	1	0.10	4	4	0.01	0.15	19	5
152+27	23.5' RT	3	12	2	0.6	12	1	0.10	3	3	0.01	0.13	14	3
152+41	23.5' RT	3	12	2	0.6	12	1	0.10	3	3	0.01	0.13	14	3
152+41	23.5' LT	4	15	3	0.6	15	1	0.10	4	4	0.01	0.15	19	5
UNDISTRIBUTED		--	--	--	--	--	--	0.60	22	22	0.06	0.87	104	26
TOTAL		87	338	63	18	338	24	3.00	109	109	0.30	4.34	520	128

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

EROSION CONTROL MOBILIZATION		
STATION - STATION	628.1905	628.1910
	EROSION CONTROL MOBILIZATION EA	EMERGENCY EROSION CONTROL MOBILIZATION EA
PROJECT	5	3
TOTAL	5	3

EROSION CONTROL AT DRAINAGE STRUCTURES				
ROADWAY	STATION	OFFSET	628.7015	628.7020
			TYPE C EACH	TYPED EACH
STH 57	15+00	LT	--	1
	15+00	RT	--	1
	15+06	LT	--	1
	15+06	RT	--	1
	18+00	LT	1	--
	18+02	RT	1	--
	20+98	LT	1	--
	20+98	RT	1	--
	23+31	LT	1	--
	23+25	RT	1	--
	29+50	RT	1	--
	29+65	LT	1	--
	30+97	LT	1	--
	30+97	RT	1	--
	32+30	LT	1	--
	32+30	RT	1	--
	33+87	RT	1	--
	35+90	LT	1	--
	35+92	RT	1	--
	39+66	LT	1	--
	39+80	RT	1	--
	45+71	LT	1	--
	45+89	RT	1	--
	47+13	RT	1	--
	47+50	LT	1	--
	49+00	LT	1	--
	49+00	RT	1	--
	50+51	RT	1	--
	56+00	LT	1	--
	56+00	RT	1	--
	58+63	LT	--	1
	58+63	RT	--	1
	58+69	LT	--	1
	58+69	RT	--	1
	60+00	LT	1	--
	60+00	RT	1	--
	66+30	RT	1	--
	66+36	LT	1	--
	66+36	RT	1	--
	101+48	RT	1	--
	102+53	RT	1	--
	103+35	LT	--	1
	103+50	RT	--	1
	103+70	RT	--	1
	106+90	RT	1	--

EROSION CONTROL AT DRAINAGE STRUCTURES (CONTINUED)				
ROADWAY	STATION	OFFSET	628.7015	628.7020
			TYPE C EACH	TYPED EACH
STH 57	106+90	LT	1	--
	110+30	RT	1	--
	110+90	RT	1	--
	110+90	LT	1	--
	111+76	LT	1	--
	112+20	RT	--	1
	112+70	LT	--	1
	112+83	LT	--	1
	115+13	LT	1	--
	116+44	LT	1	--
	115+82	LT	1	--
	119+70	LT	1	--
	121+00	RT	1	--
	121+00	LT	1	--
	122+17	LT	1	--
	122+85	RT	1	--
	124+62	RT	1	--
	124+50	RT	1	--
	124+50	LT	--	1
	124+65	LT	--	1
	125+72	RT	--	1
	126+60	RT	1	--
	126+60	LT	1	--
	127+50	RT	1	--
	128+24	RT	1	--
	129+00	RT	1	--
	129+00	LT	1	--
	130+00	RT	1	--
	132+05	RT	1	--
	133+00	RT	1	--
	133+84	RT	--	1
	133+97	RT	--	1
	133+92	LT	--	1
	136+00	RT	1	--
	137+00	RT	1	--
	137+00	LT	1	--
	138+00	RT	1	--
	138+97	RT	1	--
	140+00	RT	1	--
	140+00	LT	1	--
	141+00	RT	1	--
	141+90	RT	1	--
	145+50	LT	1	--
	145+50	RT	1	--
	148+00	RT	1	--

EROSION CONTROL AT DRAINAGE STRUCTURES (CONTINUED)				
ROADWAY	STATION	OFFSET	628.7015	628.7020
			TYPE C EACH	TYPED EACH
STH 57	150+00	LT	1	--
	150+00	RT	1	--
	151+50	RT	1	--
	152+27	RT	--	1
	152+41	RT	--	1
	153+00	RT	1	--
	154+00	RT	1	--
	155+00	RT	1	--
	155+00	LT	1	--
	156+00	RT	1	--
	157+00	RT	1	--
	152+41	LT	--	1
	158+34	RT	1	--
	158+36	LT	1	--
	162+50	RT	1	--
	163+68	RT	1	--
	164+50	LT	1	--
	164+50	RT	1	--
	165+90	LT	1	--
	165+90	LT	1	--
	165+80	RT	1	--
	166+90	LT	1	--
	167+00	RT	1	--
	167+45	RT	--	1
	167+88	LT	--	1
	167+55	LT	--	1
	167+40	LT	--	1
	168+40	LT	1	--
	169+50	LT	1	--
	171+36	RT	1	--
	171+36	LT	1	--
	173+28	LT	1	--
	178+72	LT	1	--
	178+10	RT	1	--
	181+00	LT	1	--
	181+00	RT	1	--
	182+35	RT	--	1
	183+50	LT	--	1
	183+40	RT	--	1
	183+53	RT	--	1
	UNDISTRIBUTED		25	8
	TOTAL		124	39

FIELD OFFICE TYPE B	
642.5001	
FIELD OFFICE TYPE B	
STATION - STATION	EACH
PROJECT	1
TOTAL	1

TRAFFIC CONTOL (PROJECT)	
643.0100	
TRAFFIC CONTROL	
4085-59-71	
STATION - STATION	EACH
PROJECT	1
TOTAL	1

ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE TYPE H S.F.	637.2215 SIGNS TYPE II FOLDING REFLECTIVE TYPE H S.F.	637.2230 SIGNS TYPE II REFLECTIVE TYPE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1	STH 57 NORTH PROJECT LIMITS	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
2	"	---	---	---	---	---	---	---	---	---	---	---	NO PARKING SIGN, PART OF SIGN 1 REMOVAL
2A	"	R10-64	30" X 36"	7.50	---	---	---	---	1	---	1	1	
2B	"		42" X 24"	7.00	---	---	---	---	---	---	---	---	MOUNT BELOW 2A, INCLUDED IN 2A REMOVAL
3	"	---	---	---	---	---	---	---	---	---	1	1	NO PARKING SIGN
4	"	J4-1	24" X 36"	6.00	---	---	---	---	1		1	1	NORTH 57
5	"	---	---	---	---	---	---	---	---	---	---	---	NO PARKING SIGN, PART OF SIGN 4 REMOVAL
6	"	---	---	---	---	---	---	---	---	---	1	1	NO PARKING SIGN
6A	"	---	---	---	---	---	---	---	---	---	1	1	NO PARKING SIGN
6B	"	---	---	---	---	---	---	---	---	---	1	1	NO PARKING SIGN
7	"	D2-1	78" X 15"	8.13	---	---	---	2	---	---	1	2	SEE DETAIL SHEETS
8	"	---	---	---	---	---	---	---	---	---	1	1	REMOVE NO PARKING SIGN
9	STH 57 SOUTH OF ROSELAWN BLVD	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
10	"	D7-56L	48" X 36"	12.00	---	---	---	1	---	---	1	---	BOAT LAUNCH LEFT
10A	"	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
11	"	I2-3	60" X 24"	10.00	---	---	---	2	---	---	1	1	SEE DETAIL SHEETS, INCLUDES PARKING SIGN REMOVAL
11A	"	I2-3	60" X 24"	10.00				2					SEE DETAIL SHEETS
12	STH 57 NORTH OF ROSELAWN BLVD	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	---	35 MPH, INCLUDES TREE CITY SIGN REMOVAL
12A	ROSELAWN BLVD	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
12B	BRIAR LN	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
12C	BRIAR LN	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
13	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	---	---	35 MPH
14A	SUNSET CIRCLE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14B	"	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14C	ARROWHEAD DRIVE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14D	ARROWHEAD DRIVE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14E	SUNSET CIRCLE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14F	RIVERSIDE DR FRONTAGE ROAD	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14G	ST. MARYS LANE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
14	STH 57 SOUTH OF ST. MARYS LANE	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
15A	STAMBAUGH RD	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
15	STH 57 SOUTH OF STTAMBAUGH ROAD	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	SOUTH 57
16	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
17	STH 57 NORTH OF ST. MARYS LANE	M1-6	---	---	---	---	---	---	---	---	---	---	STH 57 SIGN REMOVAL AS PART OF SIGN 16
18	"	J4-1	24" X 36"	6.00	---	---	---	---	1	---	---	---	NORTH 57
19	STH 57 SOUTH OF TAFT STREET	D7-51	66" X 36"	16.50	---	---	---	2	---	---	1	1	SEE DETAIL SHEETS
20	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
21	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
21A	TAFT STREET	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
22	STH 57 NORTH OF TAFT STREET	J1-1	24" X 39"	6.50	---	---	---	---	1	---	1	1	JCT 172
23	"	D7-53;M	72" X 36"	18.00	---	---	---	2	---	---	1	2	SEE DETAIL SHEETS
24	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
25	"	W3-3	36" X 36"	---	---	9.00	---	---	1	---	1	1	
26	STH 57 SOUTH OF REFORMATORY DRIVE	R5-1	30" X 30"	6.25	---	---	---	1	---	---	1	1	
27	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1	
28	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1	
29	STH 57 NORTH OF REFORMATORY DRIVE	R5-1A	36" X 24"	6.00	---	---	---	1	---	---	1	1	
29A	"	J22-1	24" X 57"	9.50	---	---	---	---	1	---	1	1	TO IH 43 NEXT RIGHT
30	"	D7-53R	66" X 36"	16.50	---	---	---	2	---	---	1	2	SEE DETAIL SHEETS
31	"	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	
32	STH 57/STH 172 RAMP INTERSECTION	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL
33	"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	2	EAST 172 RT, TO IH 43 RT
34	"	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL
35	"	J2-2	48" X 57"	19.00	---	---	---	---	1	---	1	2	WEST 172 AHEAD RT, TO IH 43 AHEAD RT
36	"	R4-7	24" X 30"	5.00	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL

PAGE SUBTOTALS

372.88

18.00

9.00

0

39

10

10

0

48

48

3	SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE TYPE H S.F.	637.2215 SIGNS TYPE II FOLDING REFLECTIVE TYPE H S.F.	637.2230 SIGNS TYPE II REFLECTIVE TYPE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS		
	37	STH 57/STH 172 RAMP INTERSECTION	R6-2L	24" X 30"	5.00	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
	38	"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
	39	"	R5-1A	36" X 24"	6.00	---	---	---	---	1	---	1	1	MOUNT IN BACK OF SIGN 43		
	40	"	D1-3	78" X 36"	19.50	---	---	---	---	2	---	1	2	SEE DETAIL SHEETS		
	41	"	R5-1A	36" X 24"	6.00	---	---	---	---	---	---	---	---	MOUNT IN BACK OF SIGN 40		
	42	"	J22-1	24" X 57"	9.50	---	---	---	---	1	---	1	1	TO IH 43 AHEAD LT		
	43	"	J3-2	48" X 57"	19.00	---	---	---	---	---	---	1	---	EAST 172 LT, TO IH 43 LT, MOUNT TO BACK OF SIGN 39		
	44	"	J2-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	EAST 172 AHEAD LT, SOUTH 57 AHEAD		
	45	"	D7-53;M	66" X 36"	16.50	---	---	---	2	---	---	1	2	SEE DETAIL SHEETS		
	46	STH 57/STH 172 RAMP INTERSECTION	R6-2L	24" X 30"	5.00	---	---	---	1	---	---	1	1	MOUNT TO SIGNAL		
	47	"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	WEST 172 RT, TO IH 41 RT		
	48	"	R1-1F	30" X 30"	---	6.25	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
		49	"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL	
50		"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
51		"	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
52		"	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
53		"	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
54		"	R4-7	24" X 30"	5.00	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL		
55		"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	WEST 172 LT, TO IH 41 LT		
56		STH 57 SOUTH OF LAZARRE AVE	R5-1A	36" X 24"	6.00	---	---	---	---	---	---	1	---	MOUNT TO BACK OF SIGN 60		
57		"	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	NORTH 57		
58		"	R5-1A	36" X 24"	6.00	---	---	---	1	---	---	1	1			
59		"	R5-1	30" X 30"	6.25	---	---	---	1	---	---	1	1			
60		"	D1-3	78" X 36"	19.50	---	---	---	---	2	---	1	2	SEE DETAIL SHEETS		
61		"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1			
62		"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	WEST 172 AHEAD LT, EAST 172 AHEAD		
63	"	I-55-56	30" X 36"	7.50	---	---	---	---	1	---	1	1	KIWANIS OF ALLOUEZ AND GREATER GB, SEE PLAN SHEET			
64	STH 57 NORTH OF LAZARRE AVE	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH			
65	"	W3-3	36" X 36"	---	---	9.00	---	---	1	---	1	1				
66	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH			
67	STH 57 NORTH OF WARREN CT	J1-1	24" X 39"	6.50	---	---	---	---	1	---	1	1	JCT 172			
68	"	R2-1	---	---	---	---	---	---	---	---	1	1				
69	STH 57/STH 172 RAMP INTERSECTION	R1-1F	36" X 36"	---	9.00	---	---	---	---	---	1	---	MOUNT TO SIGNAL			
70	"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	SOUTH 57 LT, NORTH 57 RT			
71	"	R5-1A	36" X 24"	6.00	---	---	---	---	---	---	---	---	MOUNT TO BACK OF SIGN 70			
72	"	R1-2	36" X 31"	3.88	---	---	---	---	1	---	1	1				
73	"	R6-2R	24" X 30"	5.00	---	---	---	1	---	---	1	1				
74	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1				
75	"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL			
76	"	R6-2L	24" X 30"	5.00	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL			
PAGE SUBTOTALS					309.13	42.25	9.00	0	10	16	0	38	27			
PROJECT NO: 4085-59-71		HWY: STH 57			COUNTY: BROWN			MISCELLANEOUS QUANTITIES						SHEET:		E
FILE NAME : _____					PLOT DATE : _____			PLOT BY : _____			PLOT NAME : _____			PLOT SCALE : 1:1		

ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

SIGN NO.	LOCATION	SIGN CODE	W X H	637.2210 SIGNS TYPE II REFLECTIVE TYPE H S.F.	637.2215 SIGNS TYPE II FOLDING REFLECTIVE TYPE H S.F.	637.2230 SIGNS TYPE II REFLECTIVE TYPE F S.F.	634.0612 POSTS WOOD 4x6x12 EACH	634.0614 POSTS WOOD 4x6x14 EACH	634.0616 POSTS WOOD 4x6x16 EACH	634.0618 POSTS WOOD 4x6x18 EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
77	STH 57/STH 172 WEST RAMP INTERSECTION	R1-1F	30" X 30"	---	6.25	---	---	---	---	---	1	---	
78	"	R5-57	36" X 36"	9.00	---	---	---	---	1	---	1	1	
79	"	W13-3	24" X 30"	---	---	5.00	---	1	---	---	1	1	20 MPH
80	"	J3-2	48" X 57"	19.00	---	---	---	---	1	---	1	1	SOUTH 57 RT, NORTH 57 RT, MOUNT IN BACK OF SIGN 86
81	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1	
82	"	R5-1	30" X 30"	6.25	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL
83	"	R6-2L	24" X 30"	5.00	---	---	---	---	---	---	1	---	MOUNT TO SIGNAL
84	"	R1-2	36" X 31"	3.88	---	---	---	1	---	---	1	1	
85	"	R6-2R	24" X 30"	5.00	---	---	---	1	---	---	1	1	
86	"	R5-1A	36" X 24"	6.00	---	---	---	---	---	---	---	---	MOUNT IN BACK OF SIGN 80
86A	LAZARRE AVE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
86B	LAZARRE AVE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
86C	WARREN CT	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
86D	IROQUOIS AVE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
87	VACANT	---	---	---	---	---	---	---	---	---	---	---	
88	STH 57 NORTH OF IROQUOIS AVE	R2-1	24" X 30"	5.00	---	---	---	1	---	---	---	---	35 MPH
89	STH 57 NORTH OF KRESS CT	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
89A	KRESS CT	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
89B	MIRAMAR DR	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
90	STH 57 NORTH OF MIRAMAR DR	J1-1	24" X 39"	6.50	---	---	---	---	1	---	1	1	JCT CTH O
91	"	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	SOUTH 57
92	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1	
93	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
93A	STH 57, ACROSS FROM CTH O	J3-2	48" X 57"	19.00	---	---	---	---	1	---	---	---	
93B	STH 57, ACROSS FROM CTH O	W1-7	48" X 24"	---	---	8.00	---	---	1	---	---	---	
94	STH 57/CTH O INTERSECTION	J13-1	24" X 45"	7.50	---	---	---	---	1	---	1	1	CTH O RIGHT
94A	CTH O	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
94B	CTH O	J1-2	48" X 39"	13.00	---	---	---	1	---	---	1	1	
95	"	J13-1	24" X 45"	7.50	---	---	---	---	1	---	1	1	CTH O LEFT
96	STH 57 NORTH OF CTH O	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	NORTH 57
97	"	W8-8	---	---	---	---	---	---	---	---	1	1	
98	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
99	"	J1-1	24" X 39"	6.50	---	---	---	---	1	---	1	1	JCT CTH O
100	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
101	STH 57 NORTH OF ST JOSEPH ST	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
101A	ST. JOSEPH ST	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
102	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
103	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
104	"	W12-2	36" X 36"	---	---	9.00	---	---	1	---	1	1	14'-3"
105	"	D2-2	66" X 24"	11.00	---	---	---	2	---	---	1	2	SEE DETAIL SHEETS
106	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
107	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
107A	CLAUDE ALLOUEZ TER	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
107B	DERBY LANE	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
107C	QUINCY CT	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
108	STH 57 SOUTH OF DERBY LANE	W8-8	---	---	---	---	---	---	---	---	1	1	
109	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
110	"	R4-7	24" X 30"	5.00	---	---	---	1	---	---	1	1	
110A	"	I-55-56	30" X 36"	7.50	---	---	---	---	1	---	1	1	KIWANIS OF ALLOUEZ AND GREATER GB, SEE PLAN SHEET
111	"	J4-1	24" X 36"	6.00	---	---	---	---	1	---	1	1	SOUTH 57
112	"	W12-2	36" X 36"	---	---	9.00	---	---	---	---	1	---	14'-3", MOUNT TO LIGHT POLE
113	"	I2-3	60" X 24"	10.00	---	---	---	2	---	---	1	1	SEE DETAIL SHEETS
114	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	35 MPH
114A	MARINE ST	R1-1	36" X 36"	9.00	---	---	---	1	---	---	1	1	
115	"	W3-5	36" X 36"	---	---	9.00	---	---	1	---	1	1	25 MPH
116	"	R2-1	24" X 30"	5.00	---	---	---	1	---	---	1	1	25 MPH
PAGE SUBTOTALS				348.63	6.25	40.00	0	36	14	0	51	48	
PROJECT TOTALS				1030.63	66.50	58.00	0.00	85.00	40.00	0.00	137.00	123.00	

PROJECT NO: 4085-59-71

HWY: STH 57

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET:

E

FILE NAME : _____

PLOT DATE : _____

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

TRAFFIC CONTROL ITEMS																	
			643.0300		SPV.0045.01		643.0420		643.0705		643.0715		643.0800		643.0900		643.1050
STAGE	STATION - STATION	STAGE DURATION DAYS	NO. OF DRUMS EACH	TRAFFIC CONTROL DRUMS DAY	NO. OF CHANNELIZER CONES EACH	TRAFFIC CONTROL CHANNELIZER CONES DAY	NO. OF BARRICADES EACH	TRAFFIC CONTROL BARRICADES TYPE III DAY	NO. OF WARNING LIGHTS TYPE A EACH	TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	NO. OF WARNING LIGHTS TYPE C EACH	TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	NO. OF ARROW BOARDS EACH	TRAFFIC CONTROL ARROW BOARDS DAY	NO. OF SIGNS EACH	TRAFFIC CONTROL SIGNS DAY	TRAFFIC CONTROL PCMS DAY
STAGE 1	INTERCHANGE RAMPS	26	--	--	--	--	--	--	--	--	--	--	--	--	11	286	66
	92+00 - 97+00		15	390	35	910	1	26	2	52	15	390	1	26	6	156	40
	97+00 - 114+00		--	--	70	1,820	1	26	2	52	--	--	--	--	4	104	--
	114+00 - 117+50		30	780	--	--	1	26	2	52	30	780	--	--	1	26	--
	117+50 - 140+00		10	260	90	2,340	4	104	8	208	10	260	--	--	4	104	--
	140+00 - 145+00		--	--	35	910	1	26	2	52	--	--	--	--	1	26	--
	145+00 - 160+75		--	--	130	3,380	1	26	2	52	--	--	--	--	1	26	--
	160+75 - 165+75		15	390	35	910	1	26	2	52	6	156	--	--	2	52	--
	165+75 - 184+67		15	390	65	1,690	4	104	8	208	20	520	--	--	4	104	--
	184+67 - 190+00		15	390	35	910	1	26	2	52	15	390	1	26	6	156	40
	SUBTOTAL			2,600		12,870		390		780		2,496		52		1,040	146
STAGE 2	INTERCHANGE RAMPS	28	--	--	--	--	--	--	--	--	--	--	--	--	11	308	70
	92+00 - 97+00		15	420	35	980	1	28	2	56	15	420	1	28	10	280	42
	97+00 - 114+00		--	--	70	1,960	1	28	2	56	--	--	--	--	4	112	--
	114+00 - 117+50		15	420	40	1,120	6	168	12	336	15	420	1	28	5	140	--
	117+50 - 140+00		10	280	90	2,520	14	392	28	784	10	280	--	--	6	168	--
	140+00 - 145+00		15	420	35	980	1	28	2	56	15	420	1	28	4	112	--
	145+00 - 160+75		--	--	65	1,820	1	28	2	56	--	--	--	--	1	28	--
	160+75 - 165+75		15	420	35	980	4	112	8	224	15	420	--	--	4	112	--
	165+75 - 184+67		15	420	65	1,820	4	112	8	224	15	420	--	--	4	112	--
	184+67 - 190+00		15	420	35	980	1	28	2	56	15	420	1	28	6	168	42
	SUBTOTAL			2,800		13,160		924		1,848		2,800		112		1,540	154
STAGE 3	10+00 - 15+00	18	15	270	35	630	1	18	2	36	15	270	1	18	6	108	32
	15+00 - 73+00		--	--	480	8,640	6	108	12	216	--	--	--	--	16	288	--
	73+00 - 79+15		15	270	35	630	1	18	2	36	15	270	1	18	7	126	32
	INTERCHANGE RAMPS		--	--	--	--	--	--	--	--	--	--	--	--	11	198	50
	SUBTOTAL			540		9,900		144		288		540		36		720	114
STAGE 4	10+00 - 15+00	21	15	315	35	735	1	21	2	42	15	315	1	21	10	210	35
	15+00 - 73+00		--	--	480	10,080	6	126	12	252	--	--	--	--	16	336	--
	73+00 - 79+15		15	315	35	735	1	21	2	42	15	315	1	21	6	126	35
	INTERCHANGE RAMPS		--	--	--	--	--	--	--	--	--	--	--	--	11	231	56
	SUBTOTAL			630		11550		168		336		630		42		903	126
UNDISTRIBUTED				657		4748		163		325		647		24		420	54
TOTAL				7,227		52,228		1,789		3,577		7,113		266		4,623	594

PAVEMENT MARKING SUMMARY												
*												
			646.0106	646.0126	646.0600	647.0456	647.0566	647.0606	647.0726	647.0766	647.0856	
			PAVEMENT MARKING									
			EPOXY 4- INCH YELLOW	EPOXY 4- INCH WHITE (SKIPS)	EPOXY 8- INCH WHITE	REMOVING PAVEMENT MARKINGS	CURB EPOXY	STOP LINE EPOXY 18- INCH	ISLAND NOSE EPOXY	DIAGONAL 12- INCH YELLOW	CROSSWALK EPOXY 6- INCH	CONCRETE CORRUGATED MEDIAN EPOXY
STATION - STATION			LF	LF	LF	LF	LF	LF	EACH	LF		SF
14+97	-	73+06	11650	2910	--	--	--	--	--	--	90	--
73+06`	-	97+05	1775	1260	700	2400	120	--	8	70	--	--
97+05	-	118+00	4200	1050	--	--	--	--	--	--	--	--
118+00	-	130+50	2125	625	150	20120	105	--	--	100	--	3650
130+50	-	138+00	2060	375	--	--	--	--	--	--	--	--
138+00	-	144+53	1335	330	135	600	--	--	1	70	--	75
144+53	-	172+09	5515	1400	--	45	--	--	--	--	--	5
172+09	-	183+50	1800	580	210	11700	90	15	2	--	70	2600
183+50	-	184+67	240	75	--	--	--	--	--	--	--	--
SUBTOTAL			30700	8605	1195	34865	315	15	11	240	160	6330
TOTAL			39,305		1195	34865	315	15	11	240	160	6330

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONSTRUCTION STAKING SUMMARY			
650.5500		650.8000	650.9910
CONSTRUCTION STAKING CURB & GUTTER		CONSTRUCTION STAKING RESURFACING REFERENCE	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL
STATION - STATION		LF	LF
14+97	- 184+67	338	16970
4085-59-71		--	--
TOTAL		338	16,970

PORTABLE CHANGEABLE MESSAGE SIGN CELLULAR COMMUNICATIONS			
		SPV.0045.02	
		PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) CELLULAR COMMUNICATIONS	
STAGE	# OF PCMS	DAYS	(DAY)
1	2	33	66
2	2	35	70
3	2	25	50
4	2	28	56
UNDISTRIBUTED			48
TOTAL			290

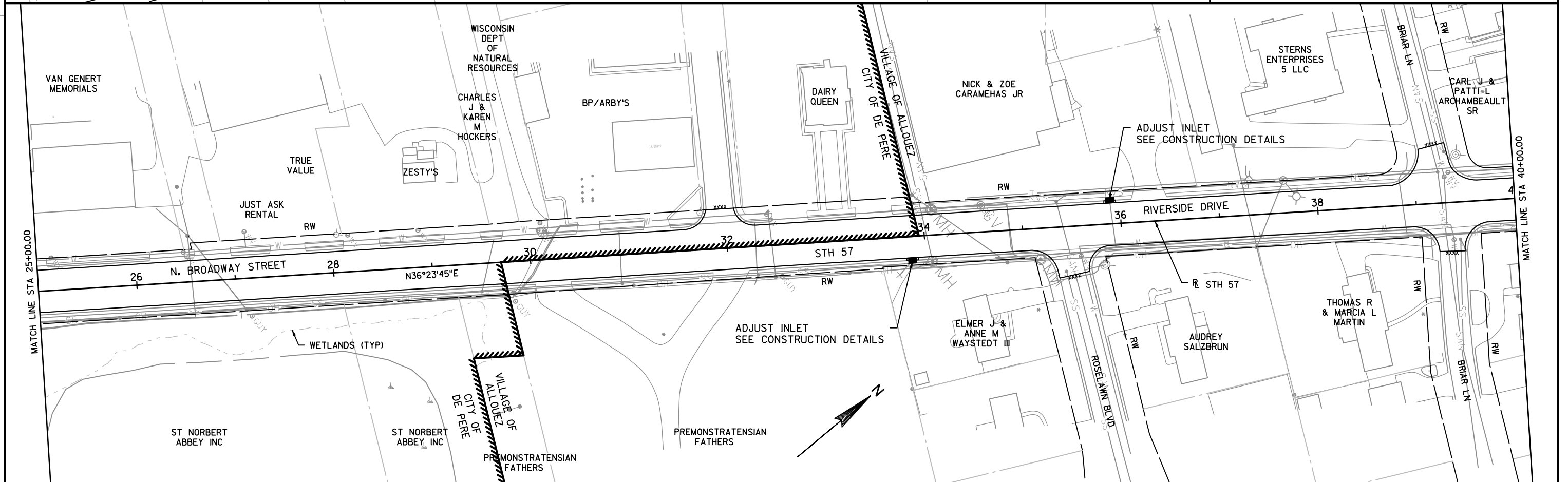
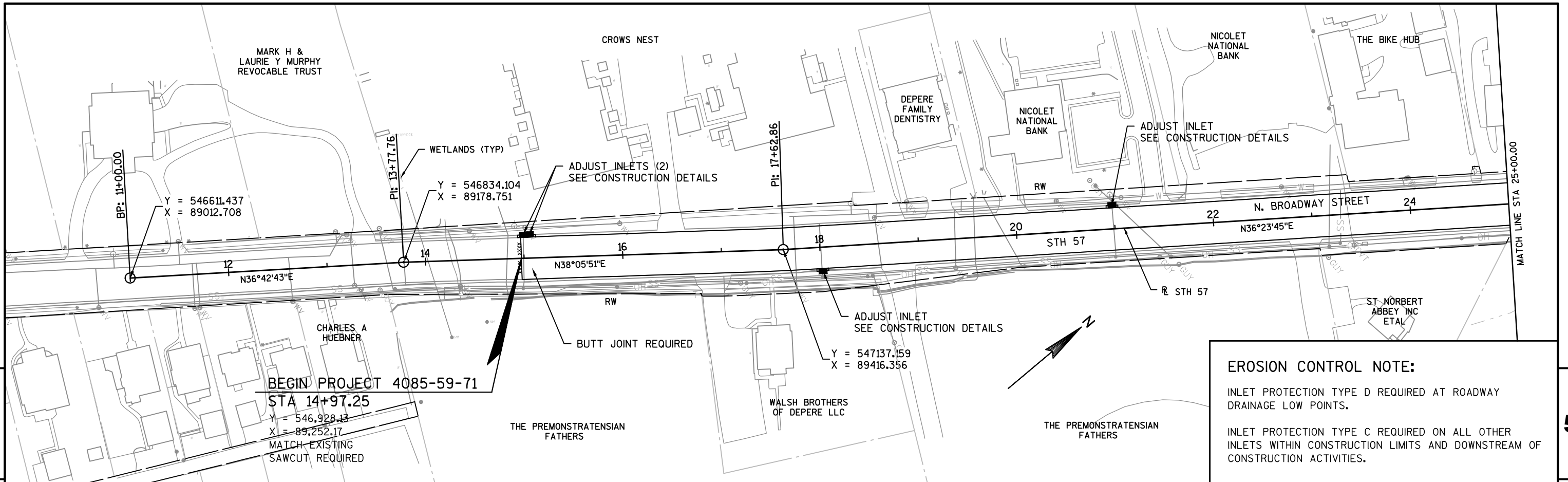
SAWCUTTING SUMMARY		
*		
		690.0150
		SAWING ASPHALT
STATION	LOCATION	LF
14+97	--	44
73+06	--	44
97+06	--	44
184+67	--	44
SIDEROADS		1824
UNDISTRIBUTED		500
TOTAL		2,500

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

STREET SWEEPING	
LOCATION	SPV.0075.01 HRS
UNDISTRIBUTED	300
TOTALS	300

TEMPORARY PAVEMENT MARKING SUMMARY						
		649.0400			649.0801	646.0600
		TEMPORARY PAVEMENT MARKING				*
		REMOVABLE TAPE			REMOVABLE	
		4- INCH YELLOW	4- INCH WHITE	4- INCH WHITE (SKIPS)	TAPE 8- INCH WHITE	REMOVING PAVEMENT MARKINGS
STAGE	STATION- STATION	LF		LF	LF	LF
STAGE 1	92+00 - 97+00	--	100	--	--	250
	97+00 - 114+00	--	1700	--	--	--
	114+00 - 117+50	--	--	--	--	250
	117+50 - 140+00	--	2250	--	--	--
	140+00 - 145+00	--	--	--	--	250
	145+00 - 160+75	--	1600	--	--	--
	160+75 - 165+75	--	--	--	--	250
	165+75 - 184+67	--	1900	--	--	--
184+67 - 190+00	--	625	--	--	200	
STAGE 2	92+00 - 97+00	250	--	--	375	50
	97+00 - 114+00	3400	--	425	--	--
	114+00 - 117+50	125	--	--	375	50
	117+50 - 140+00	4500	--	--	--	--
	140+00 - 145+00	--	250	--	375	--
	145+00 - 160+75	3150	--	400	--	--
	160+75 - 165+75	125	--	--	375	50
	165+75 - 184+67	3800	--	--	--	--
184+67 - 190+00	625	100	--	375	50	
STAGE 3	10+00 - 15+00	--	100	--	--	250
	15+00 - 73+00	--	5800	--	--	--
	73+00 - 79+15	--	625	--	--	200
STAGE 4	10+00 - 15+00	250	--	--	375	50
	15+00 - 73+00	11600	--	1400	--	--
	73+00 - 79+15	625	100	--	375	50
UNDISTRIBUTED		5700	3030	445	525	400
SUBTOTAL		34150	18180	2670	3150	2350
TOTAL			55,000		3150	2350

* ADDITIONAL QUANTITIES LISTED ELSEWHERE



EROSION CONTROL NOTE:

INLET PROTECTION TYPE D REQUIRED AT ROADWAY DRAINAGE LOW POINTS.

INLET PROTECTION TYPE C REQUIRED ON ALL OTHER INLETS WITHIN CONSTRUCTION LIMITS AND DOWNSTREAM OF CONSTRUCTION ACTIVITIES.

END RESURFACING
STA 73+06.00

WISCONSIN DEPT OF
NATURAL RESOURCES

RIVERSIDE DRIVE

WISCONSIN DEPT OF
CORRECTIONS

PRIVATE DRIVEWAY

WETLANDS (TYP)

PI STA = 84+11.14
Y = 552285.643
X = 93594.729
DELTA = 3°51'11"
D = 0°29'57"
T = 386.06'
L = 771.82'
R = 11477.14'
PC STA = 80+25.09
PT STA = 87+96.91

PI STA = 84+11.14
Y = 552285.643
X = 93594.729
DELTA = 3°51'11"
D = 0°29'57"
T = 386.06'
L = 771.82'
R = 11477.14'
PC STA = 80+25.09
PT STA = 87+96.91

NET EXCEPTION TO C LENGTH
STA 95+56.04 TO STA 95+75.60
STRUCTURE C-05-67 TO REMAIN

BEGIN RESURFACING
STA 97+06.00

WISCONSIN DEPT OF
NATURAL RESOURCES

RIVERSIDE DRIVE

WISCONSIN DEPT OF
NATURAL RESOURCES

DAMIAN M &
KRISTYN N
SANDERSON

DAVID
QUIGLEY

SCOTT T
WILDA

STEVEN L
HOCKERS

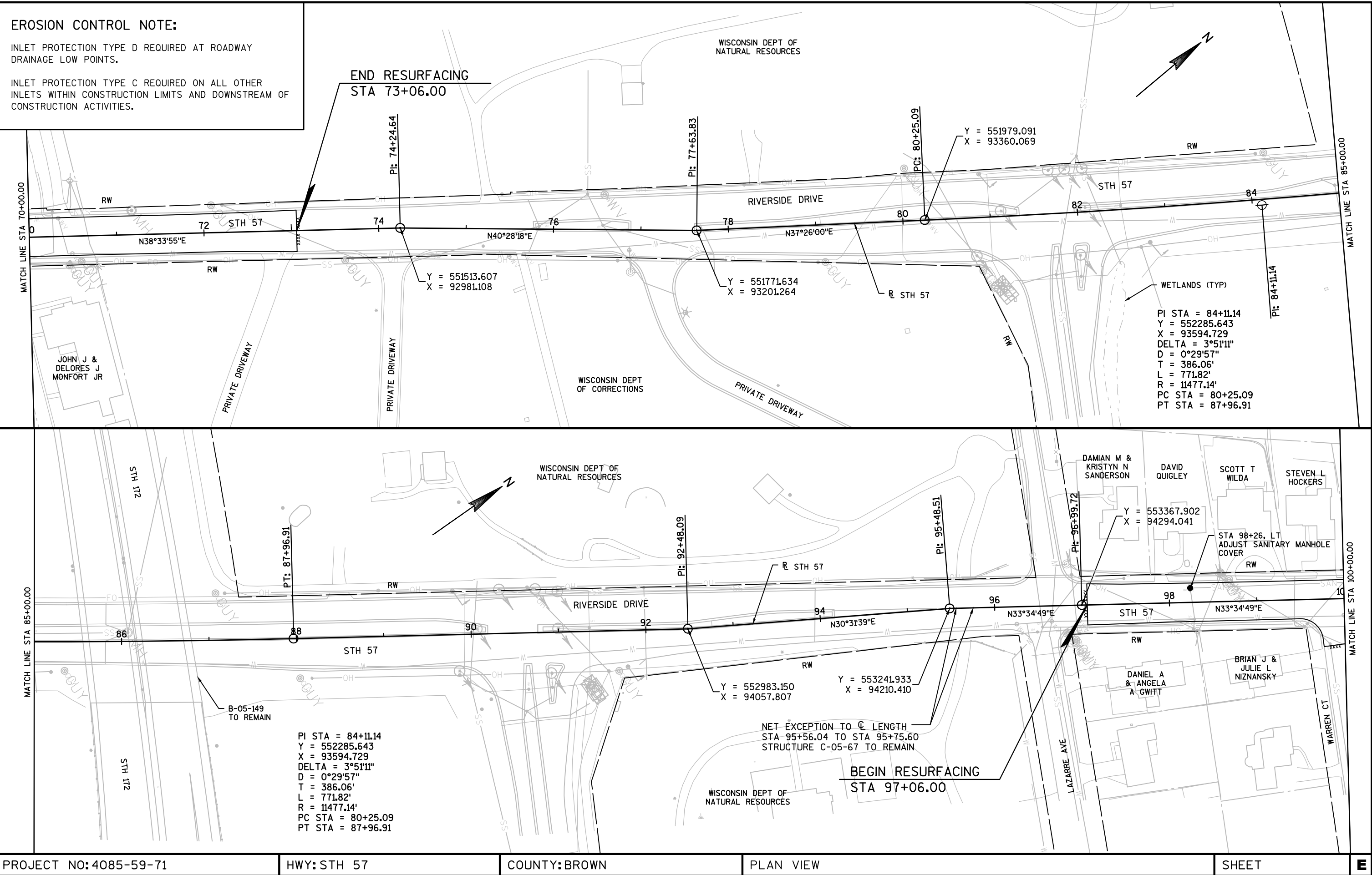
STA 98+26, LT
ADJUST SANITARY MANHOLE
COVER

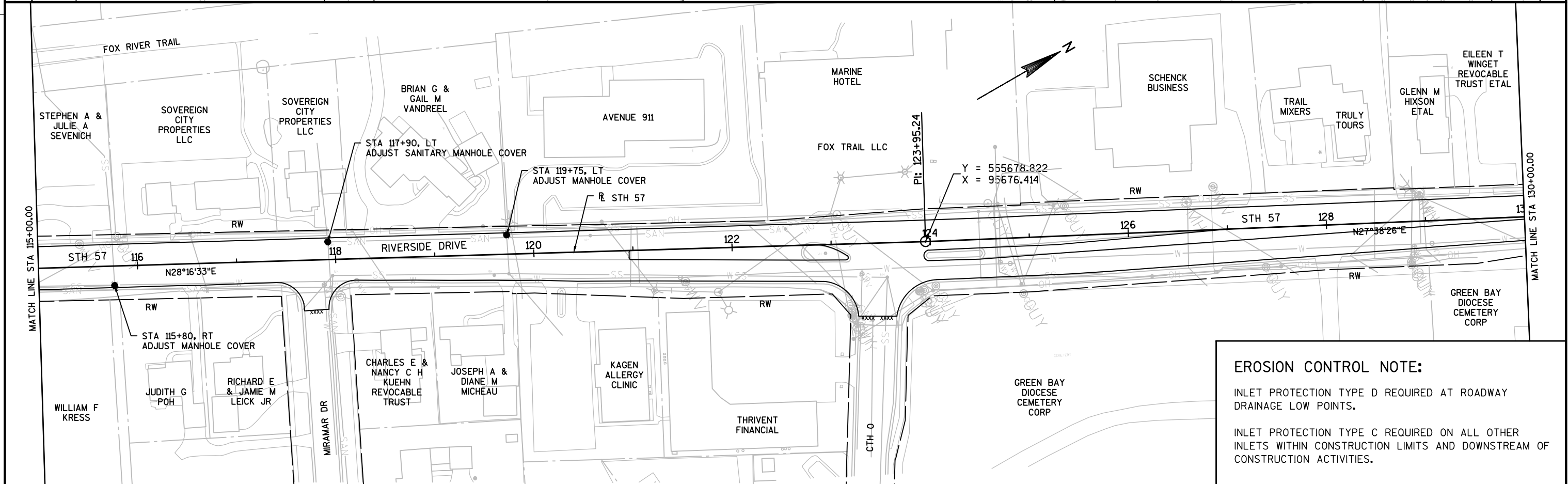
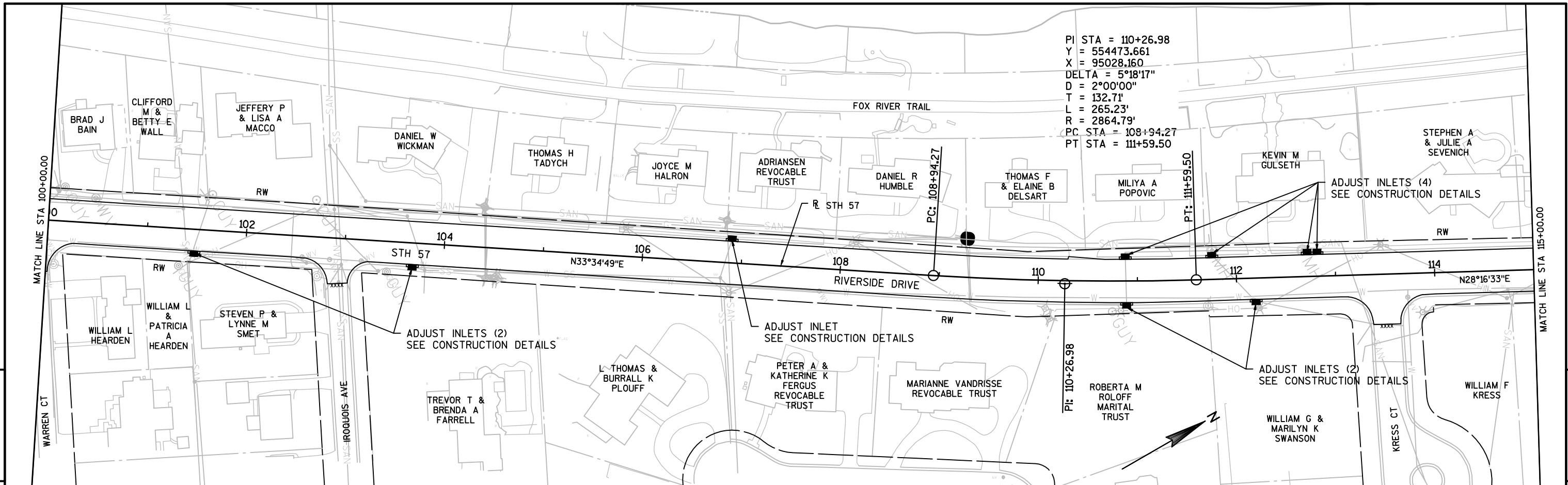
DANIEL A
& ANGELA
A GWITT

BRIAN J &
JULIE L
NIZNANSKY

LAZARRE AVE

WARREN CT

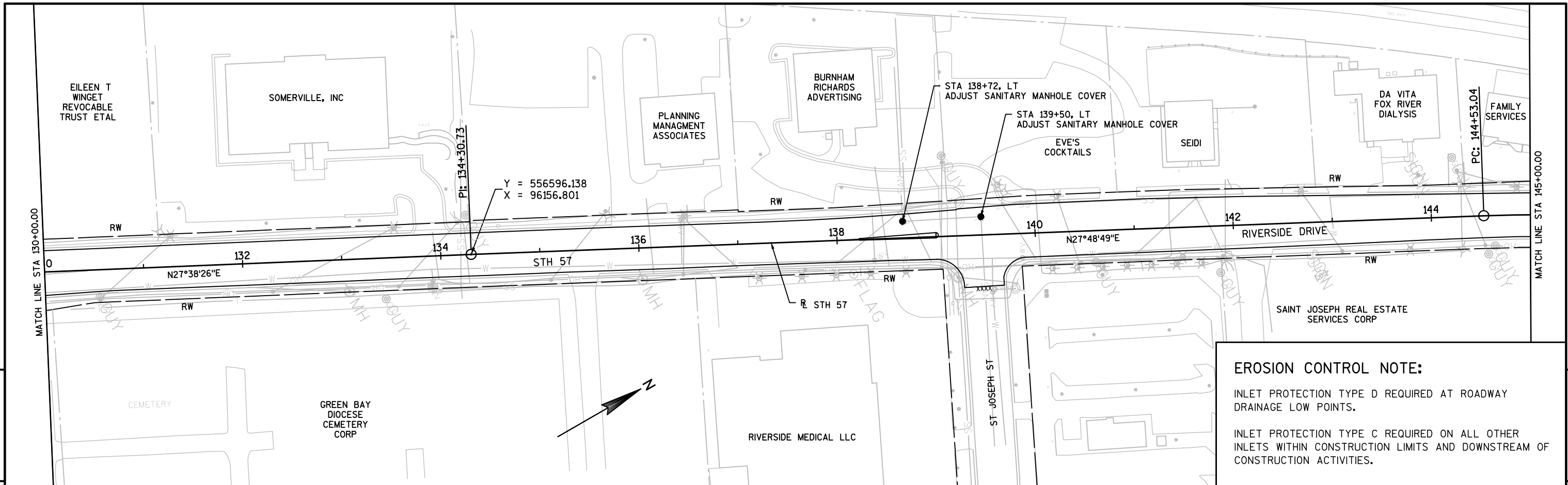




EROSION CONTROL NOTE:

INLET PROTECTION TYPE D REQUIRED AT ROADWAY DRAINAGE LOW POINTS.

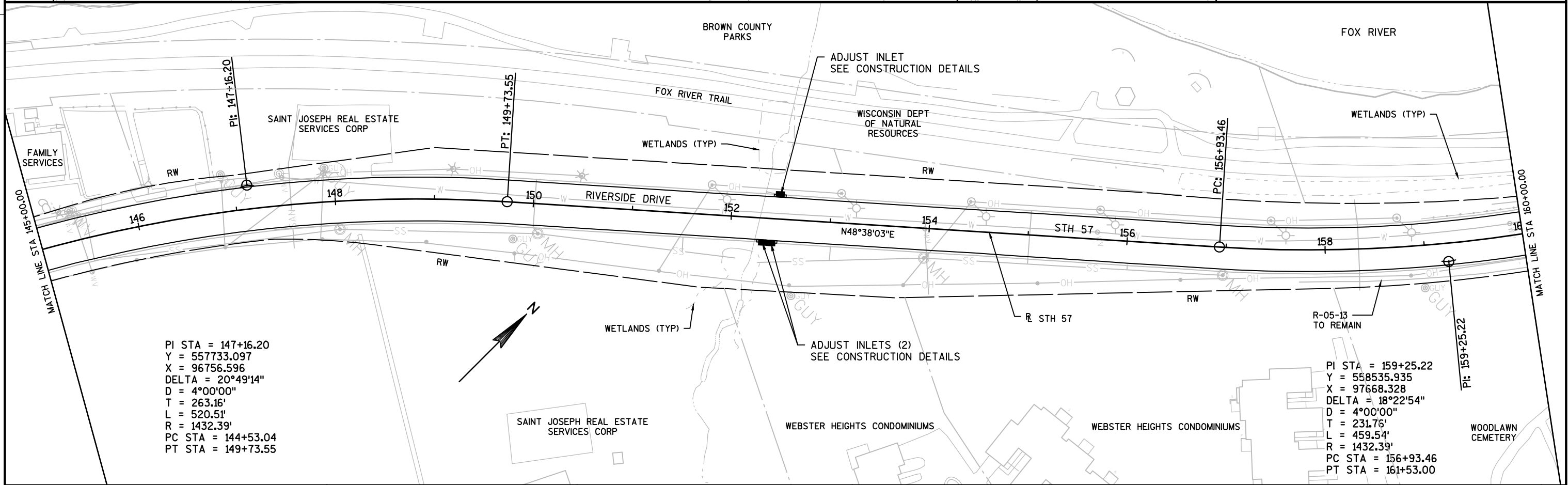
INLET PROTECTION TYPE C REQUIRED ON ALL OTHER INLETS WITHIN CONSTRUCTION LIMITS AND DOWNSTREAM OF CONSTRUCTION ACTIVITIES.



EROSION CONTROL NOTE:

INLET PROTECTION TYPE D REQUIRED AT ROADWAY DRAINAGE LOW POINTS.

INLET PROTECTION TYPE C REQUIRED ON ALL OTHER INLETS WITHIN CONSTRUCTION LIMITS AND DOWNSTREAM OF CONSTRUCTION ACTIVITIES.

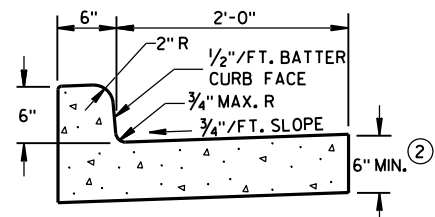


PI STA = 147+16.20
Y = 557733.097
X = 96756.596
DELTA = 20°49'14"
D = 4°00'00"
T = 263.16'
L = 520.51'
R = 1432.39'
PC STA = 144+53.04
PT STA = 149+73.55

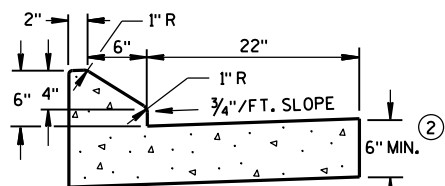
PI STA = 159+25.22
Y = 558535.935
X = 97668.328
DELTA = 18°22'54"
D = 4°00'00"
T = 231.76'
L = 459.54'
R = 1432.39'
PC STA = 156+93.46
PT STA = 161+53.00

Standard Detail Drawing List

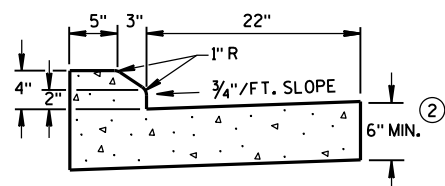
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
11B01-05	CONCRETE CORRUGATED MEDIAN
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M. P. H. OR LESS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C18-03	MEDIAN ISLAND MARKING
15C19-03B	MOVING PAVEMENT MARKING OPERATION MULTI -LANE UNDIVIDED ROADWAY
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D20-03	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D21-03	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D22-02	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D23-03	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE



TYPES A & D ①

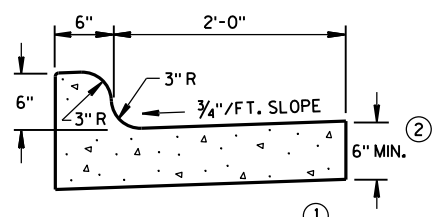


6" SLOPED CURB TYPES G & J ①



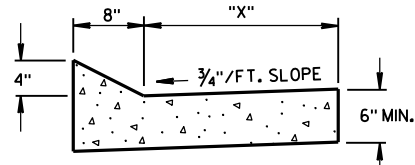
4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"



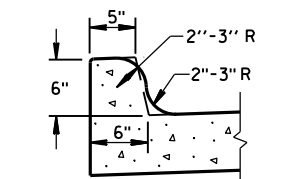
TYPES K & L ①

CONCRETE CURB & GUTTER 30"

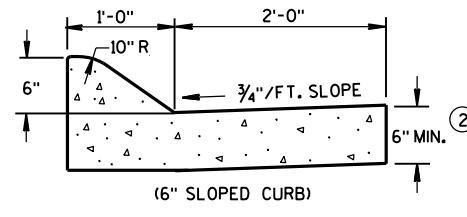


TYPES TBT & TBT ①
CONCRETE CURB & GUTTER

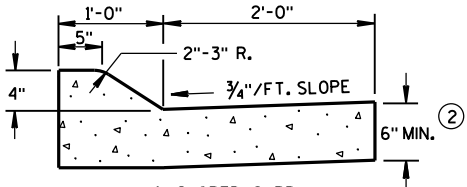
TBT & TBT	"X"
30"	22"
36"	28"



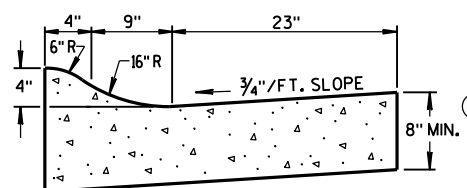
OPTIONAL CURB SHAPE
FOR TYPES K & L ①



(6" SLOPED CURB)

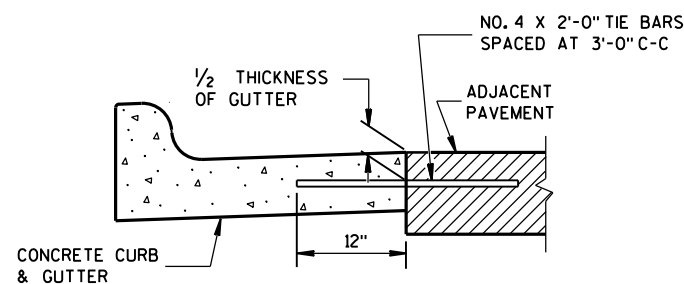


TYPES A & D ①

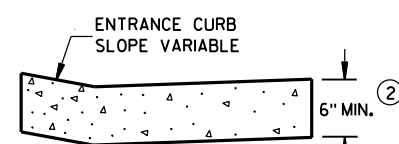


4" SLOPED CURB TYPES R & T ① ④

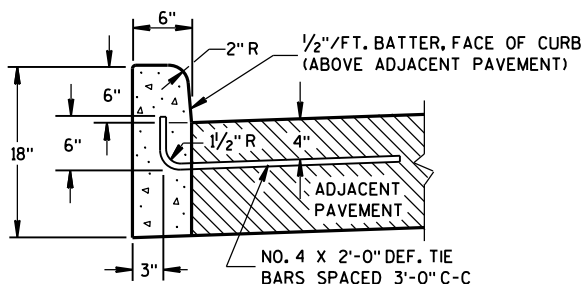
CONCRETE CURB & GUTTER 36"



TYPICAL TIE BAR LOCATION ①

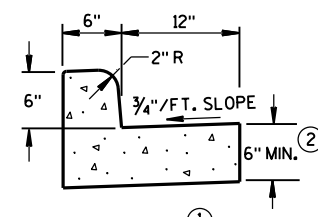


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

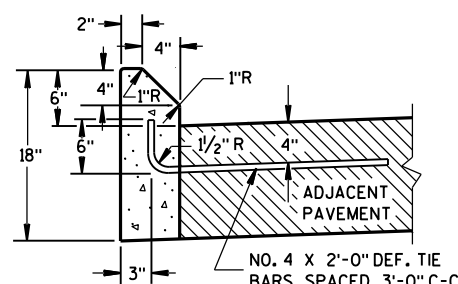


TYPES A & D ①

CONCRETE CURB



TYPES A & D
CONCRETE CURB & GUTTER 18"



TYPES G & J ①

GENERAL NOTES

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

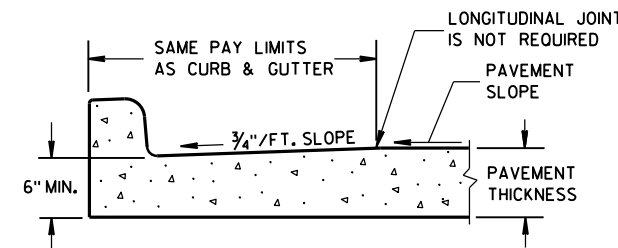
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

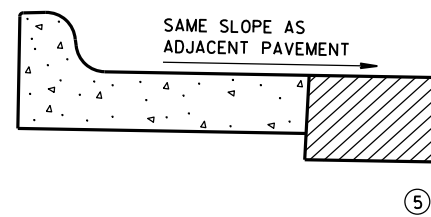
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

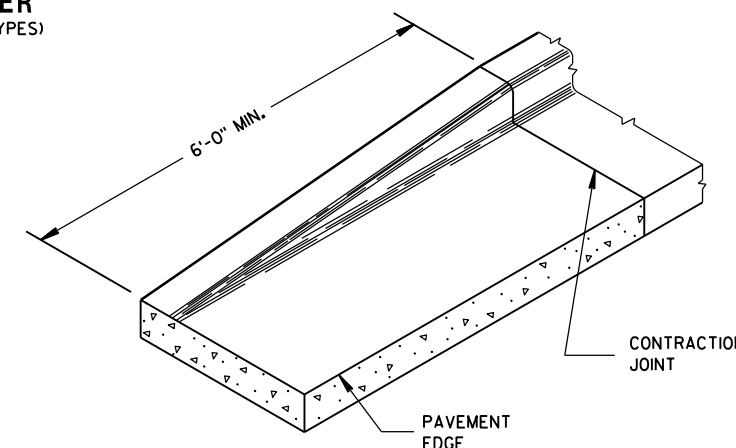
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- ⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



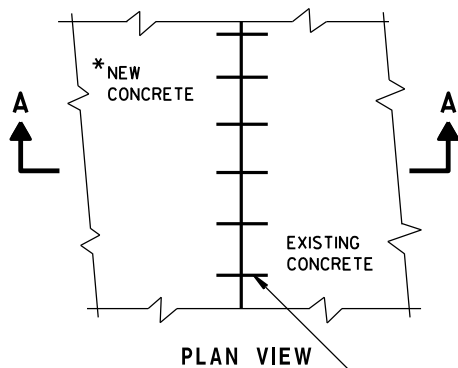
PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



REVERSE SLOPE GUTTER
(TYPICAL FOR ALL CURB & GUTTER TYPES)



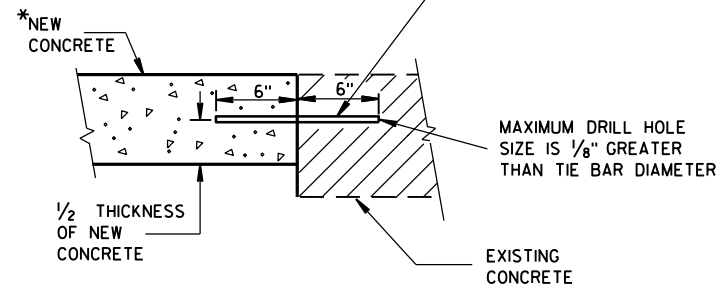
END SECTION CURB & GUTTER



PLAN VIEW

*NEW CURB & GUTTER,
SURFACE DRAINS,
CONCRETE PAVEMENT
OR OTHER NEW CONCRETE.

NO. 6 TIE BARS SPACED 2'-6" C-C,
INSTALLED PERPENDICULAR
TO THE LONGITUDINAL JOINT.

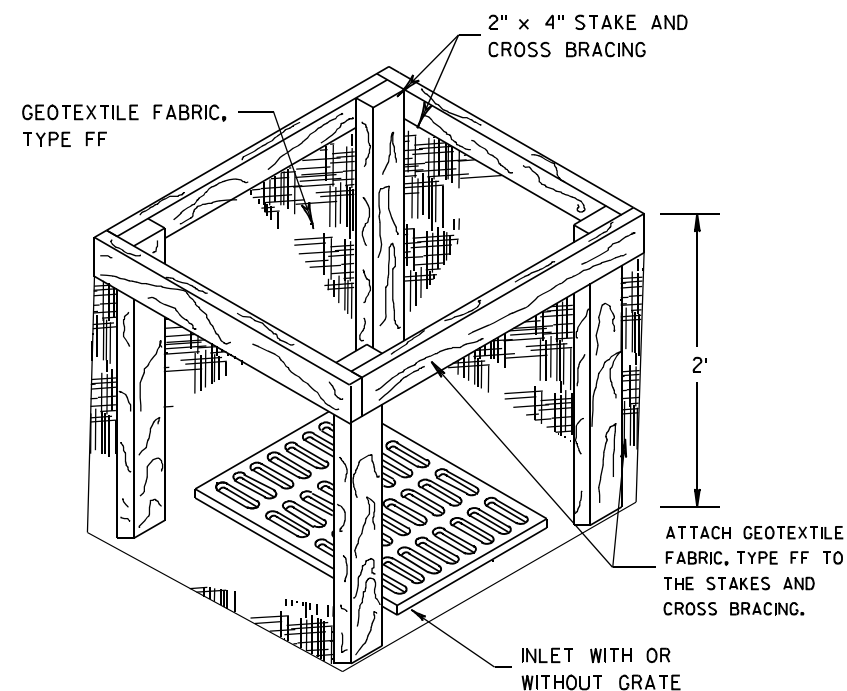
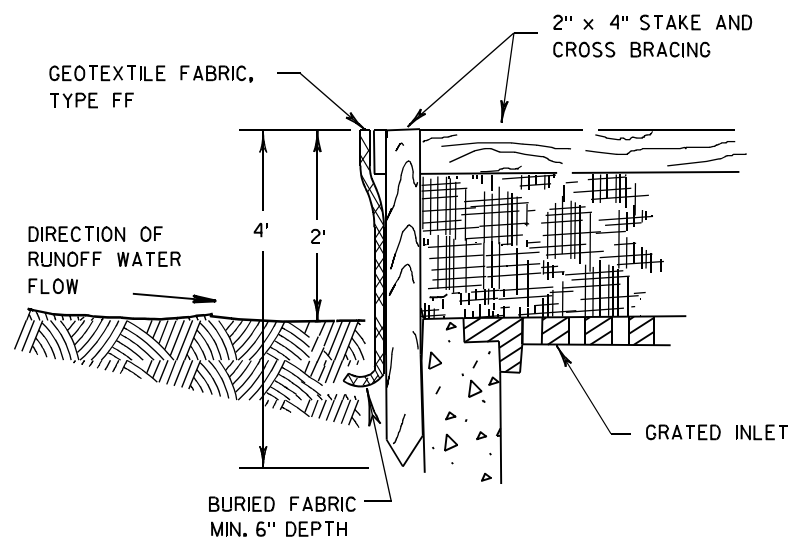


SECTION A-A
TIE BARS DRILLED
INTO EXISTING PAVEMENT

CONCRETE CURB, CONCRETE
CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 /S/ Jerry H. Zogg
DATE ROADWAY STANDARDS DEVELOPMENT
ENGINEER
FHWA



INLET PROTECTION, TYPE A

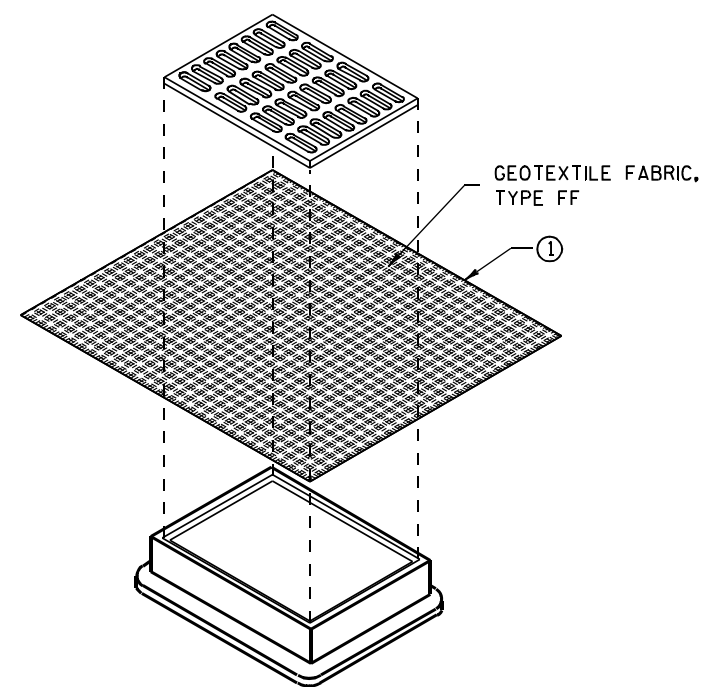
GENERAL NOTES

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 SUBSTITUTED.

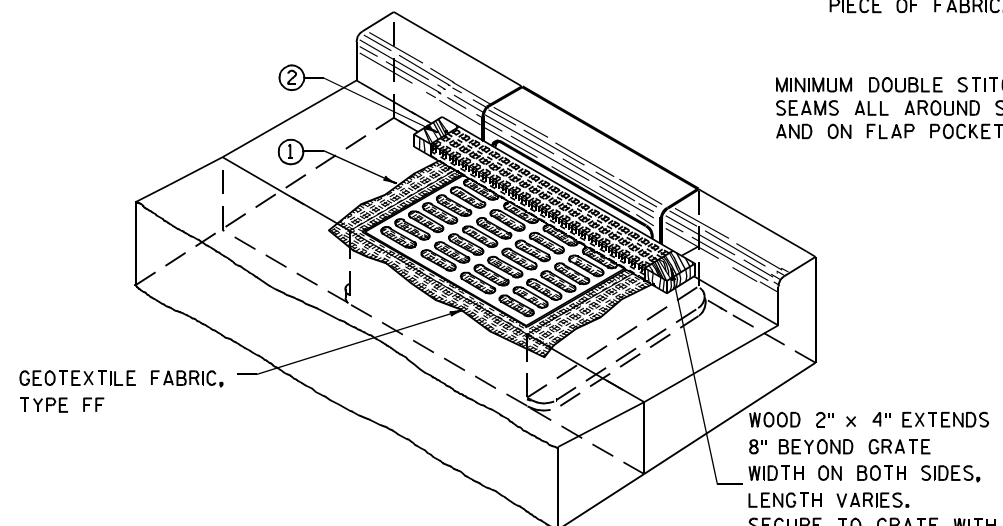
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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 B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



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.

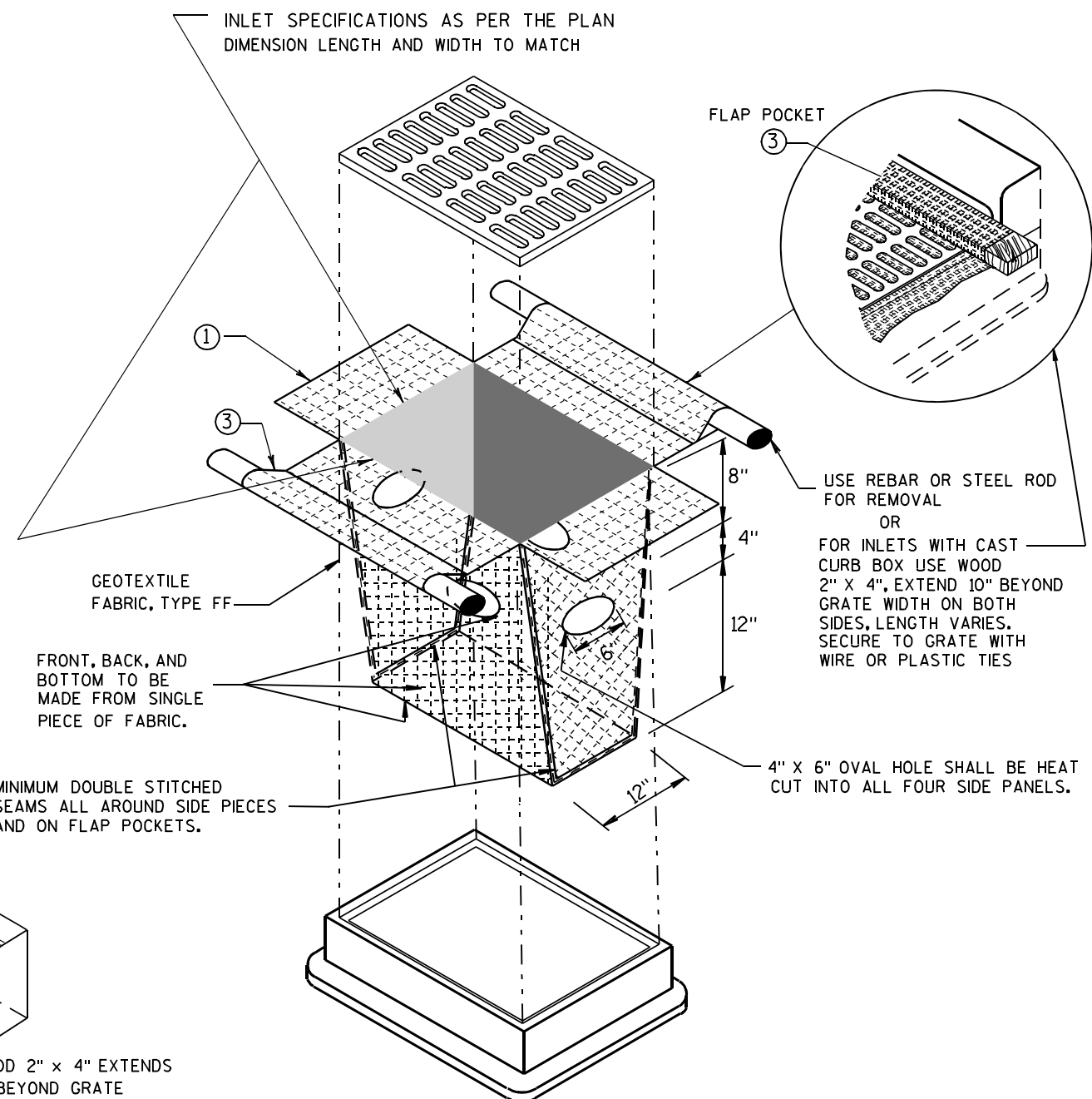
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

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.



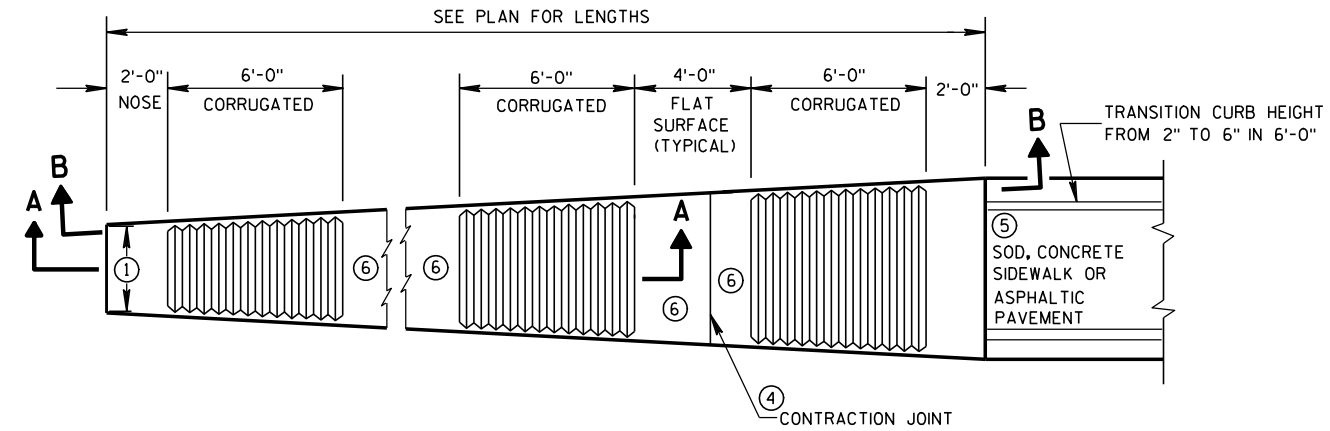
INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

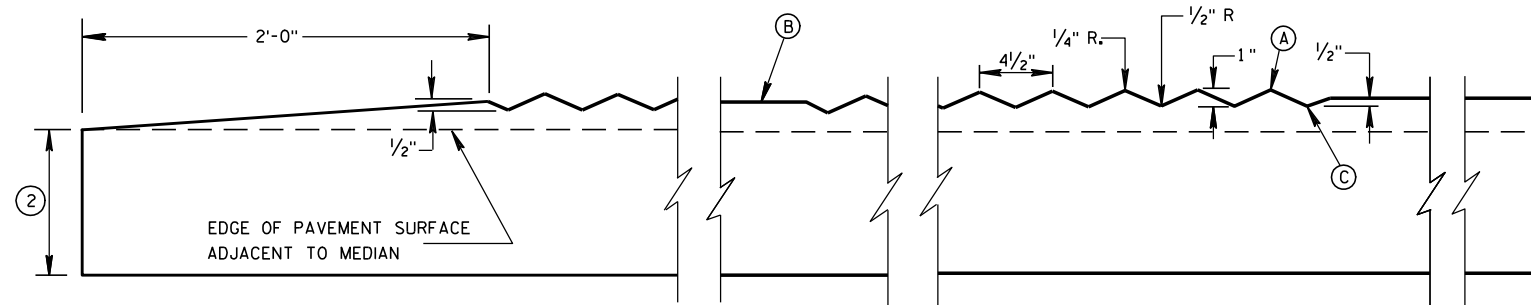
**INLET PROTECTION
TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

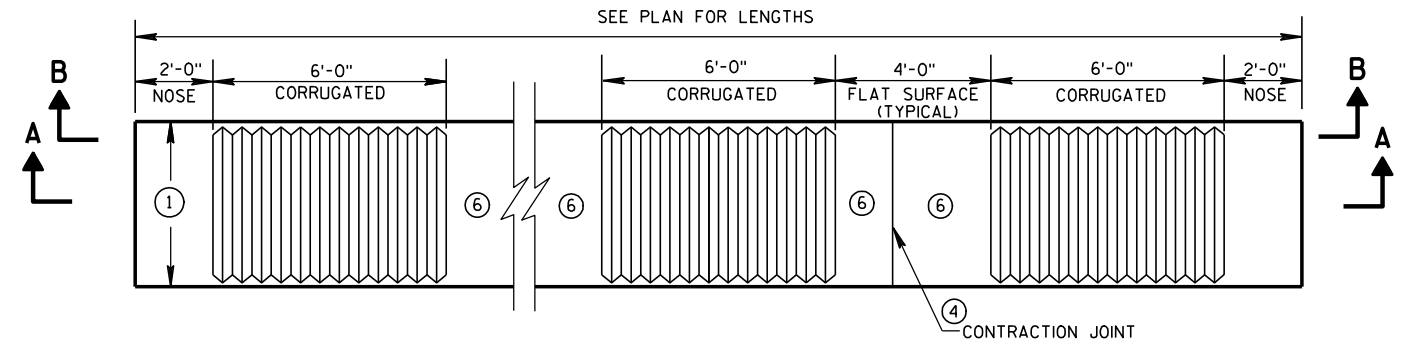
APPROVED
10/16/02 /S/ Beth Cannestra
DATE
FHWA CHIEF ROADWAY DEVELOPMENT ENGINEER



PLAN VIEW
VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN



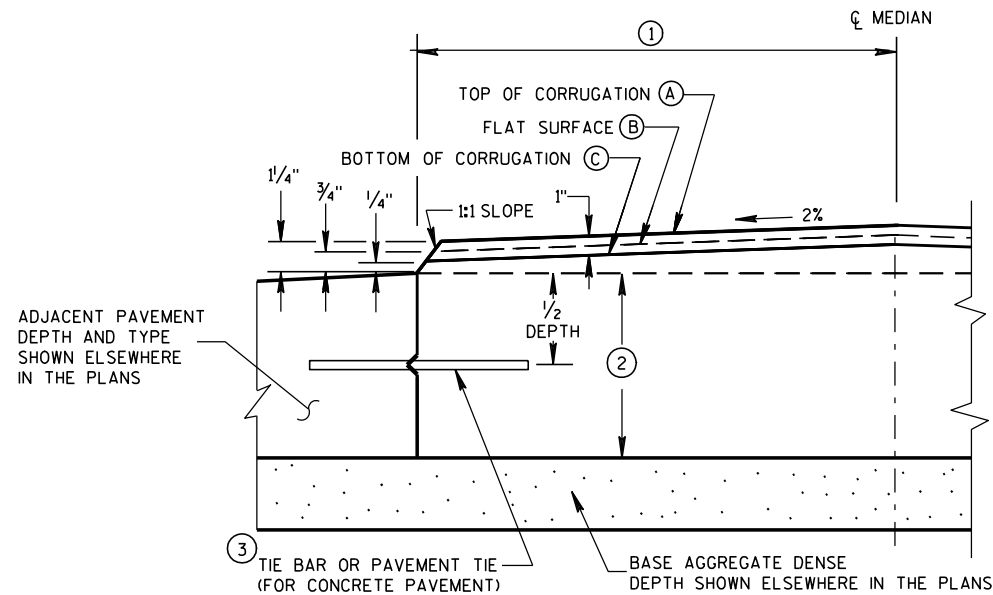
SECTION A-A
LONGITUDINAL SECTION



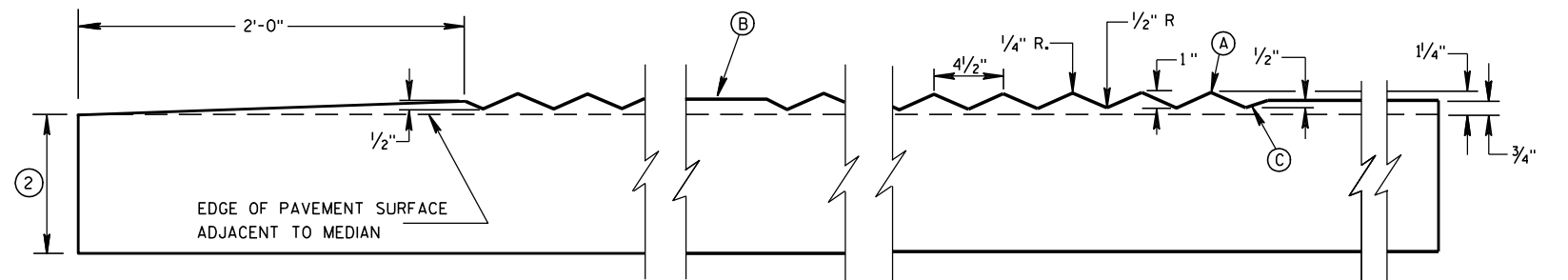
PLAN VIEW
UNIFORM WIDTH CONCRETE CORRUGATED MEDIAN

GENERAL NOTES

- ① SEE PLANS FOR CONSTANT OR VARIABLE WIDTH.
- ② THE DEPTH OF THE CONCRETE CORRUGATED MEDIAN SHALL BE 9-INCHES UNLESS SHOWN OTHERWISE IN THE PLAN. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN IN THE PLAN. TYPICAL OPTIONS ARE:
 - (1) NEW OR EXISTING CONCRETE PAVEMENT.
 - (2) ASPHALTIC CONCRETE OVER NEW OR EXISTING CONCRETE BASE COURSE, OR PAVEMENT.
 - (3) ASPHALTIC PAVEMENT OVER BASE AGGREGATE DENSE.
- ③ TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C. INSTALL TIE BARS TO MAINTAIN A MINIMUM OF 3-INCHES OF COVER BETWEEN THE TIE BAR AND THE CONCRETE SURFACE (BOTTOM AND TOP). PAVEMENT TIES REQUIRED IN EXISTING CONCRETE PAVEMENT OR CONCRETE BASE COURSE, PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.
- ④ CONCRETE CORRUGATED MEDIAN CONTRACTION JOINTS SHALL BE CONSTRUCTED TO MATCH THE JOINTS IN ADJACENT CONCRETE PAVEMENT. WHERE ADJACENT PAVEMENT IS ASPHALT WITH BASE AGGREGATE DENSE, TRANSVERSE CONTRACTION JOINTS SHALL BE PROVIDED AT 20 FOOT INTERVALS.
- ⑤ SURFACE TYPE AND DETAILS ARE DEFINED ELSEWHERE IN THE PLAN.
- ⑥ YELLOW MARKING ON FLAT SURFACE WHEN MEDIAN SEPARATES OPPOSING TRAFFIC.



HALF CROSS SECTION
② CONCRETE CORRUGATED MEDIAN AND ADJACENT PAVEMENT

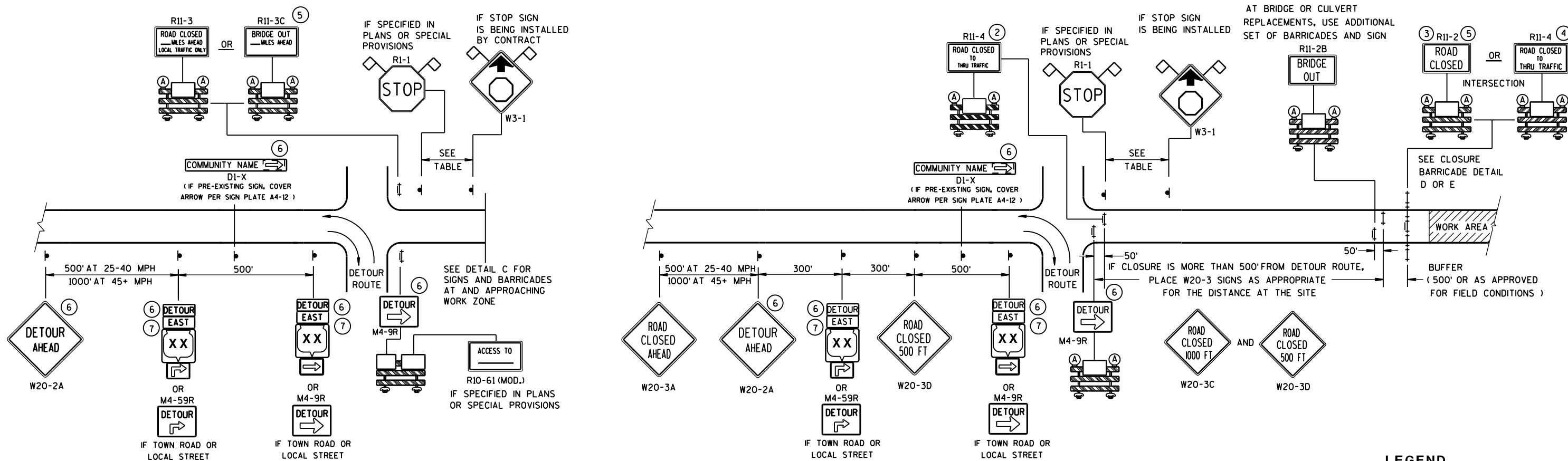


SECTION B-B
LONGITUDINAL SECTION

CONCRETE CORRUGATED MEDIAN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/07
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER
FHWA



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN 1/2 MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN 1/2 MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND

- SIGN ON PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE
- ⊥ TYPE III BARRICADE WITH ATTACHED SIGN
- Ⓐ TYPE "A" WARNING LIGHT (FLASHING)

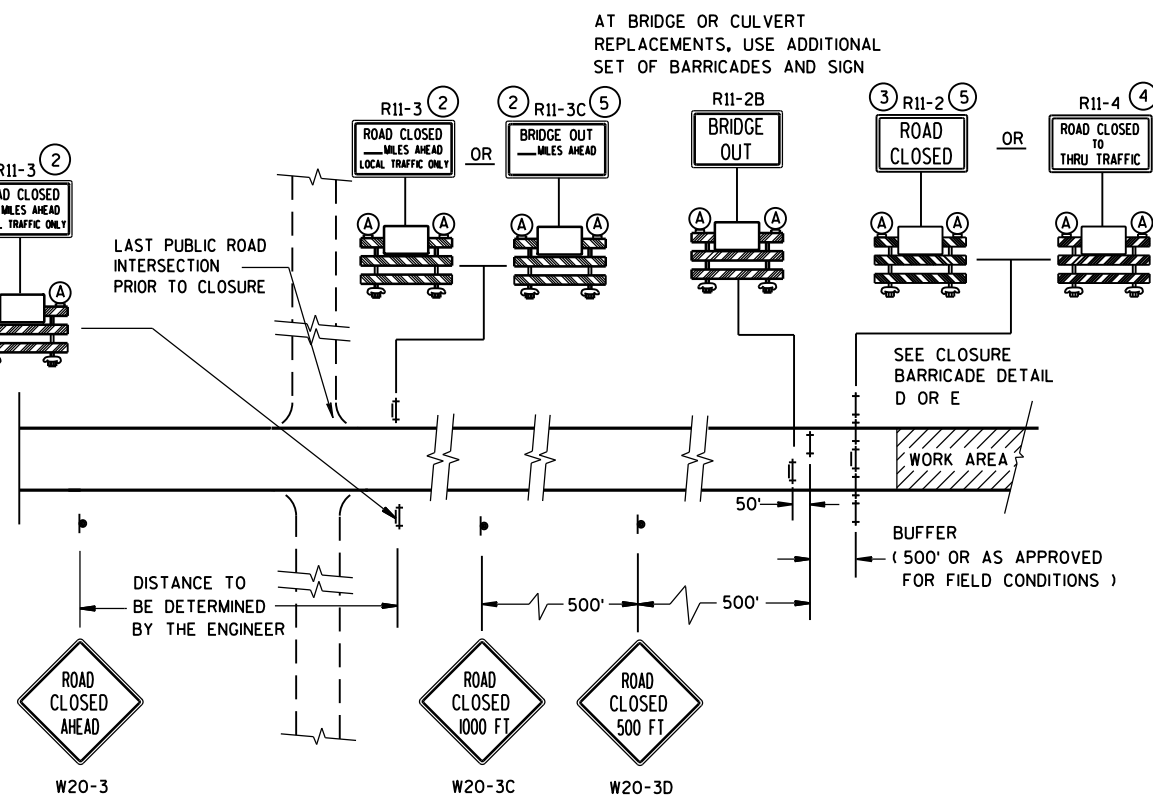
WORK AREA

DETOUR EAST M4-8
M3-X
XX OR COUNTY XX OR XX
M1-4 M1-5A M1-6

M05-1 OR M06-1

FLAGS, 16" X 16" MIN., (ORANGE)

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750



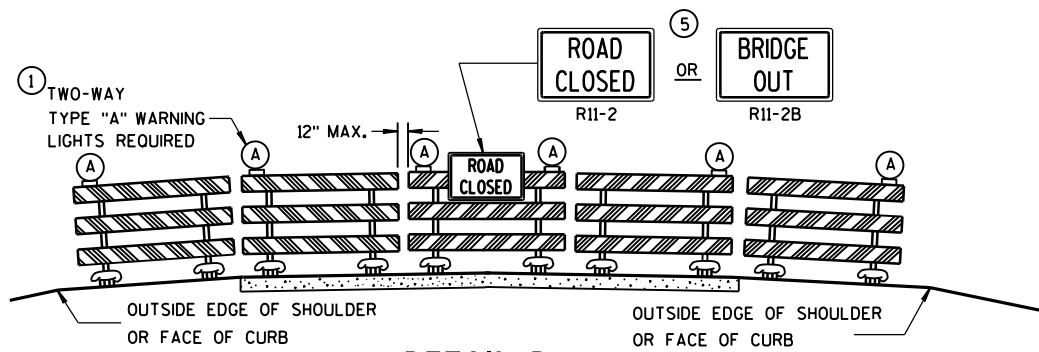
DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

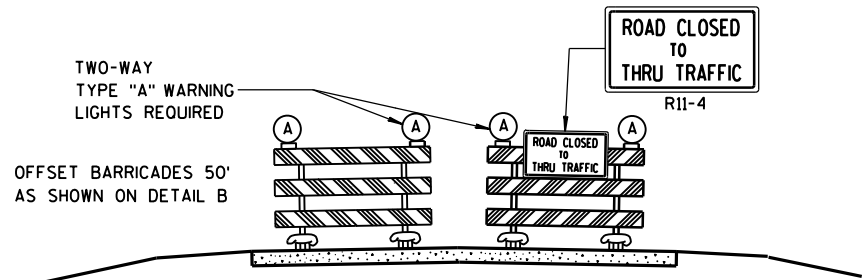
**BARRICADES AND SIGNS
FOR
MAINLINE CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 /S/ Peter Amokobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2-SHEET "a" FOR LEGEND

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

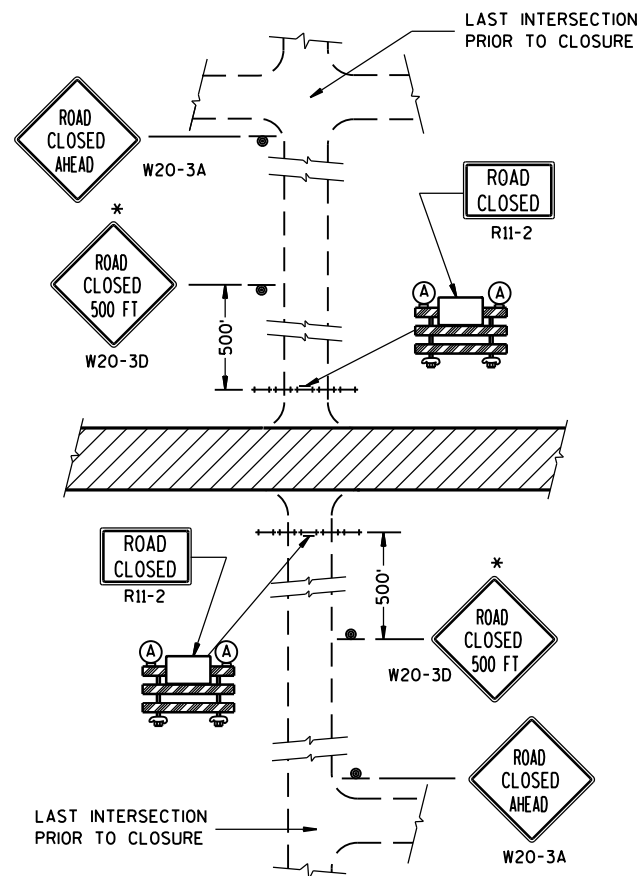
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

- 1 TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).
- 2 THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- 3 FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- 4 FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- 5 FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- 6 INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- 7 "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

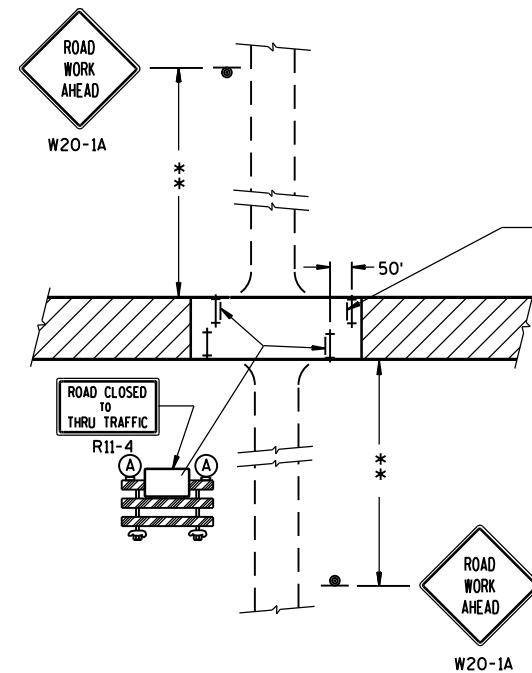
**BARRICADES AND SIGNS
FOR
MAINLINE CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

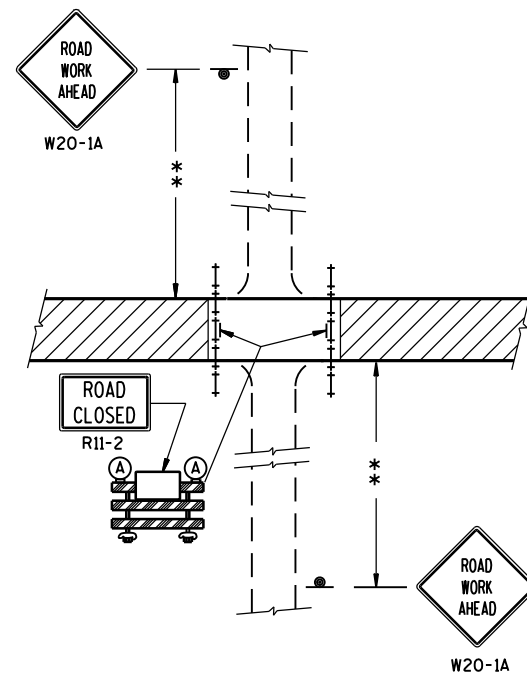
Sept. 2015 /S/ Peter Amokobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER



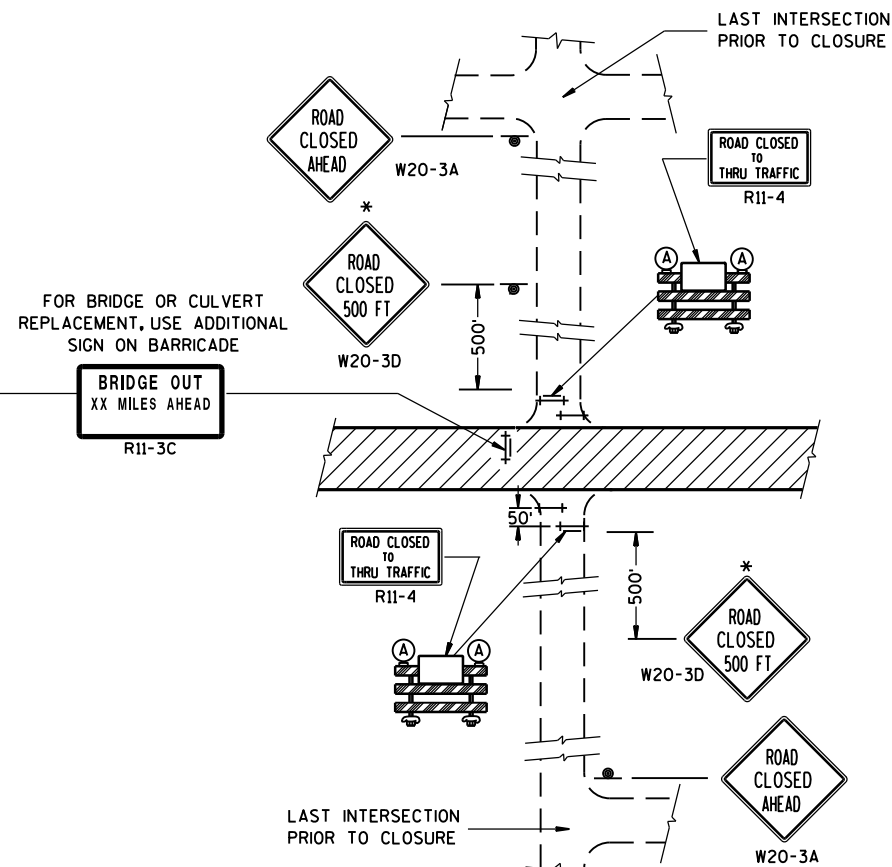
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT).



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

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.

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.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 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.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

R11-2 SHALL BE 48" X 30".

R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- ⊙ SIGN ON PERMANENT SUPPORT
- ⊥ TYPE III BARRICADE
- ⊥ TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- ▨ WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2015

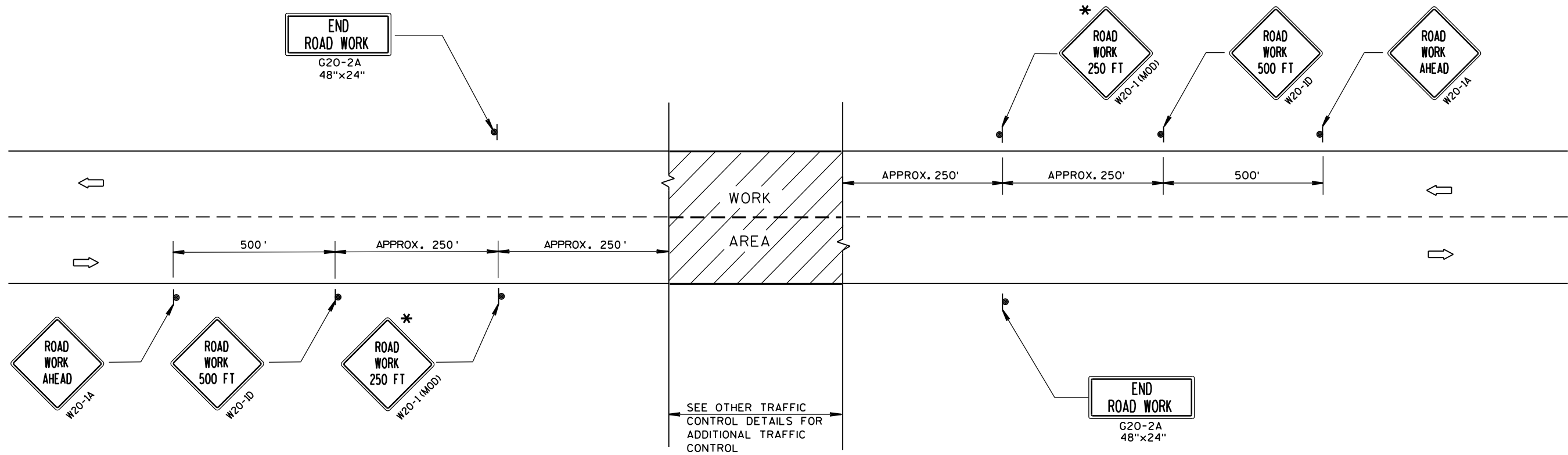
DATE

FHWA

/S/ Peter Amakobe Atepe

STATEWIDE WORK ZONE TRAFFIC

SAFETY ENGINEER



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

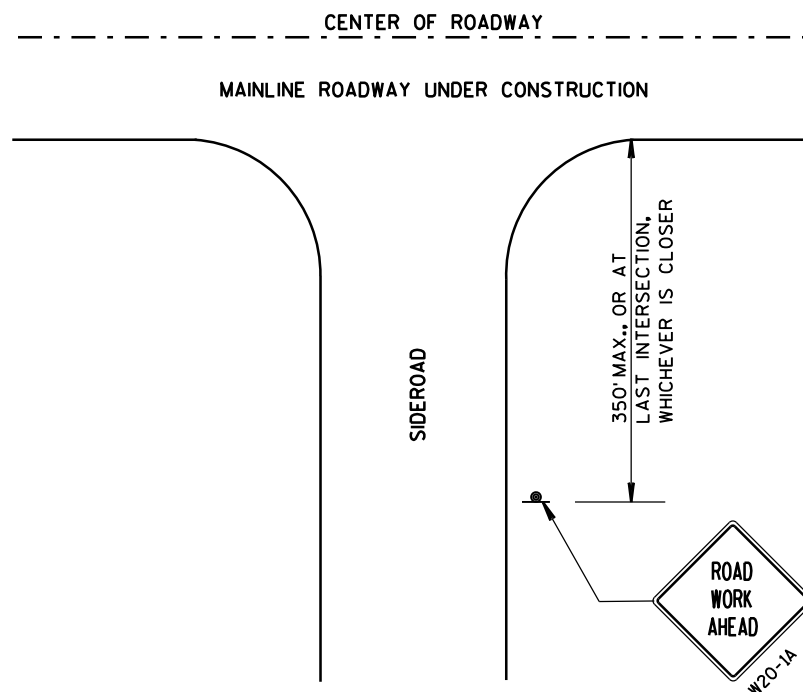
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" 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.



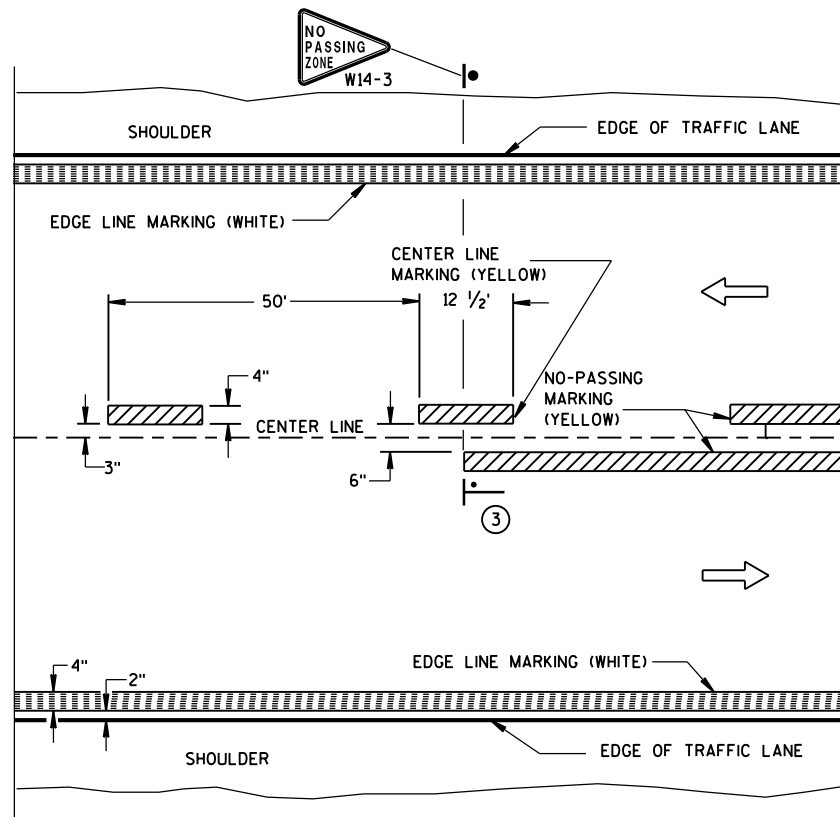
LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

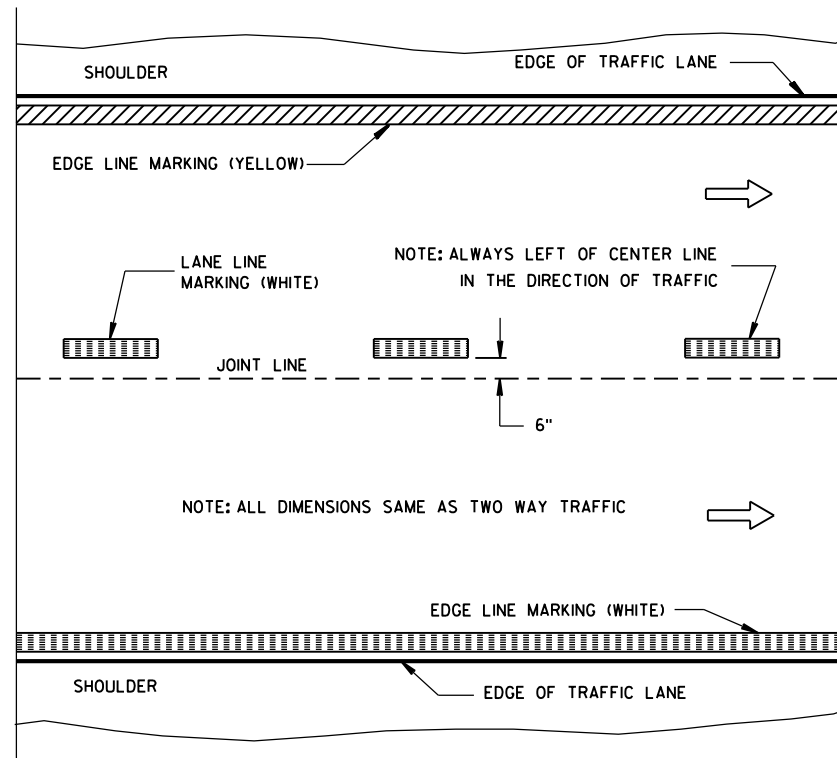
TRAFFIC CONTROL, ADVANCE
WARNING SIGNS 40 M.P.H.
OR LESS TWO-WAY UNDIVIDED
ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 /S/ Peter Amakobe Atepe
DATE STATEWIDE WORK ZONE TRAFFIC
FHWA SAFETY ENGINEER

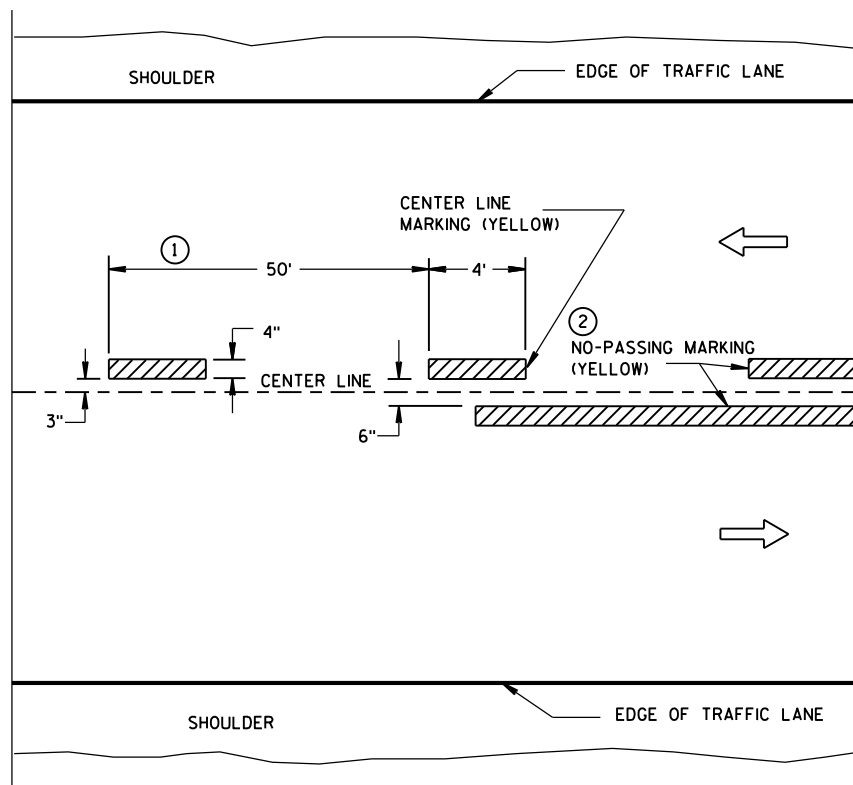


TWO WAY TRAFFIC

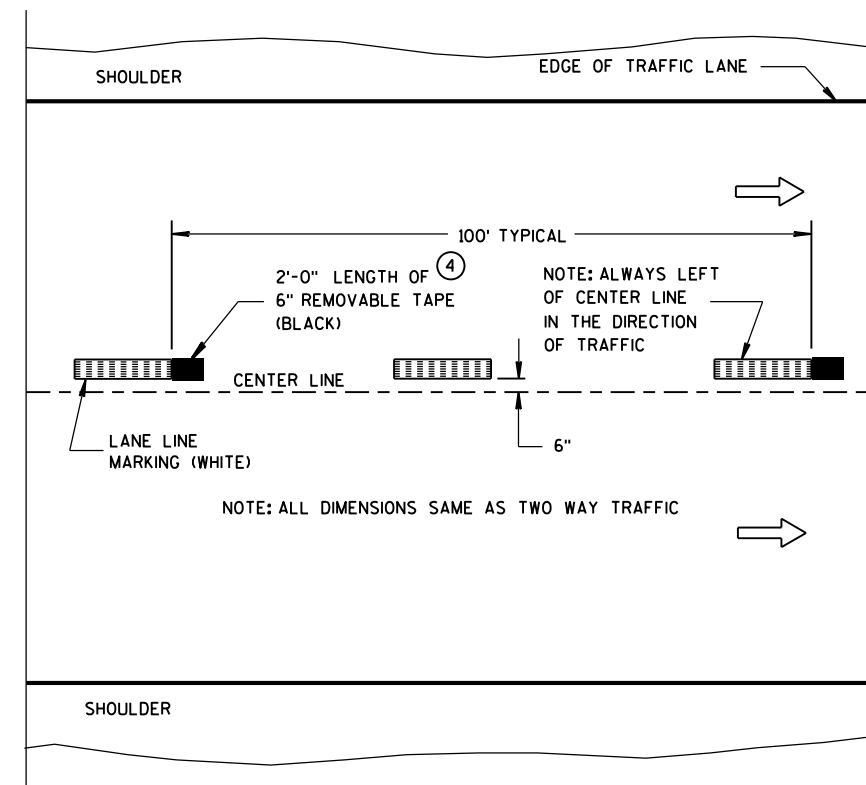


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

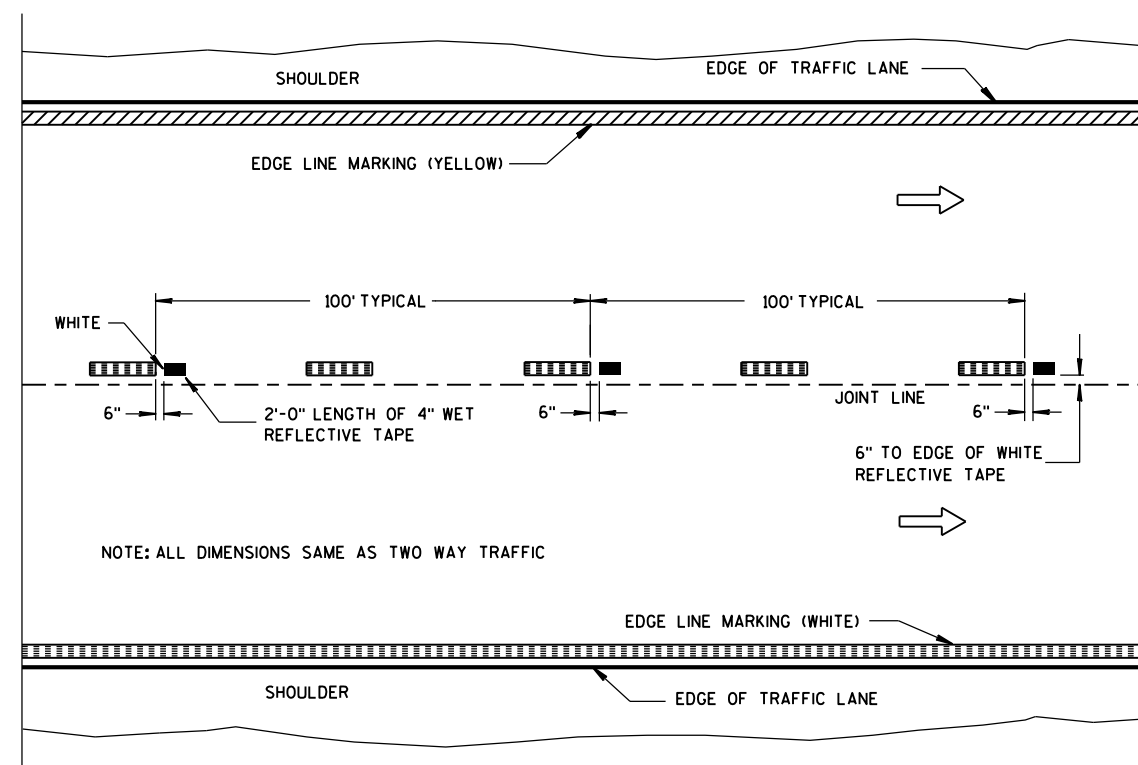
GENERAL NOTES

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

- ① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
- ③ NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
- ④ CONCRETE ONLY.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

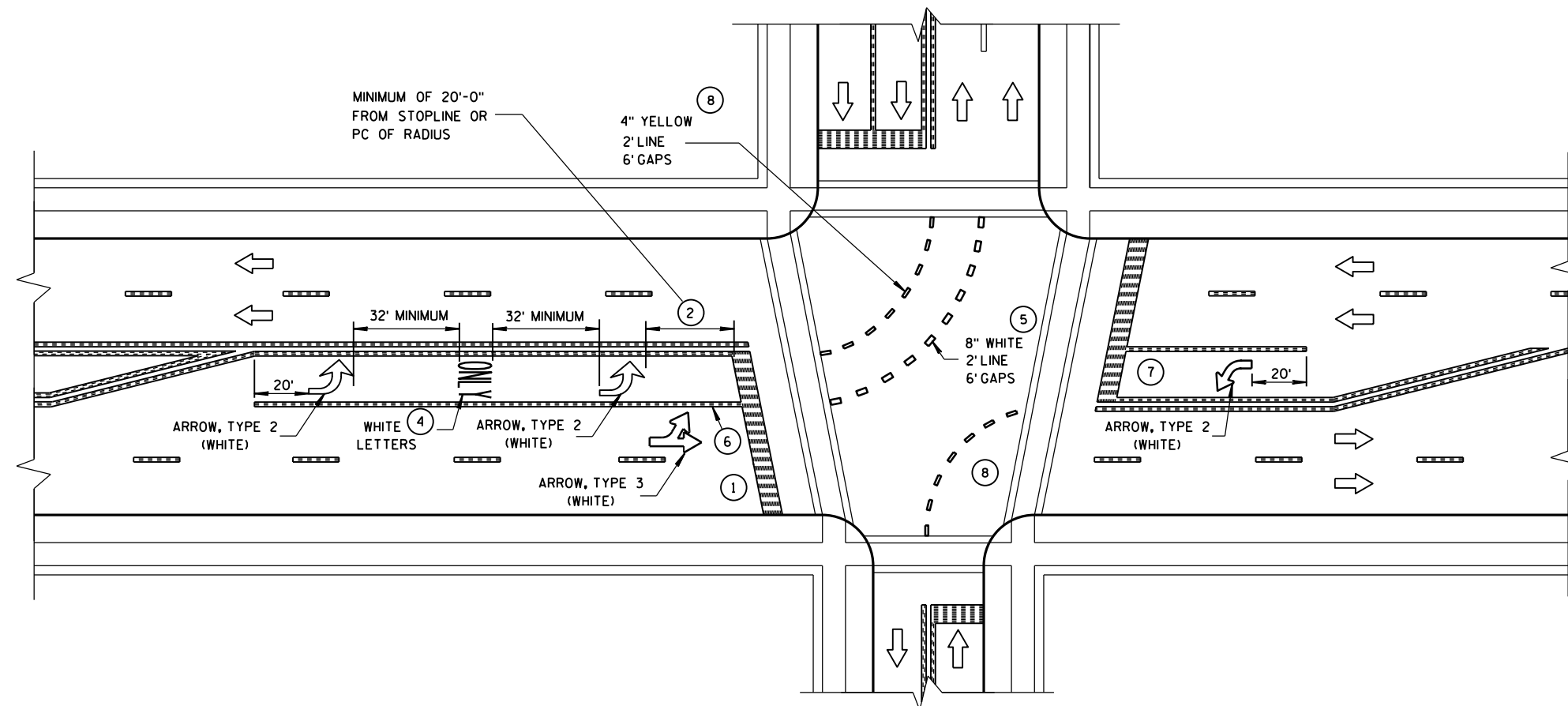
- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5-13-2013
DATE
FHWA

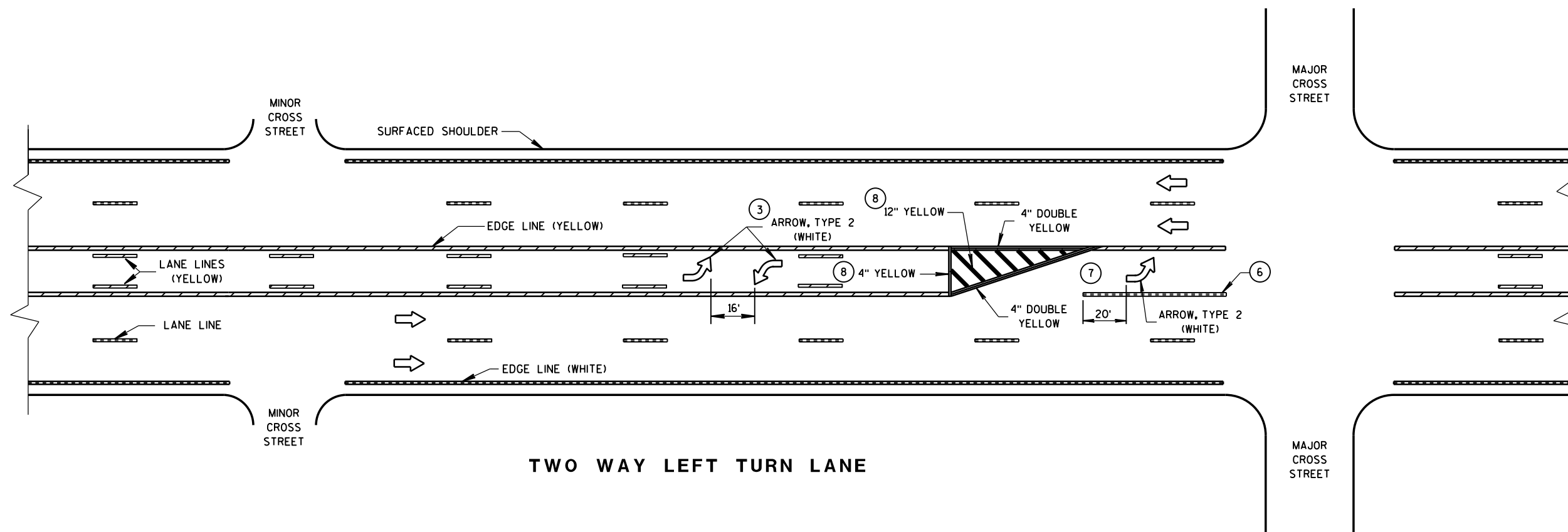
/S/ Travis Feltes
STATE TRAFFIC ENGINEER



GENERAL NOTES

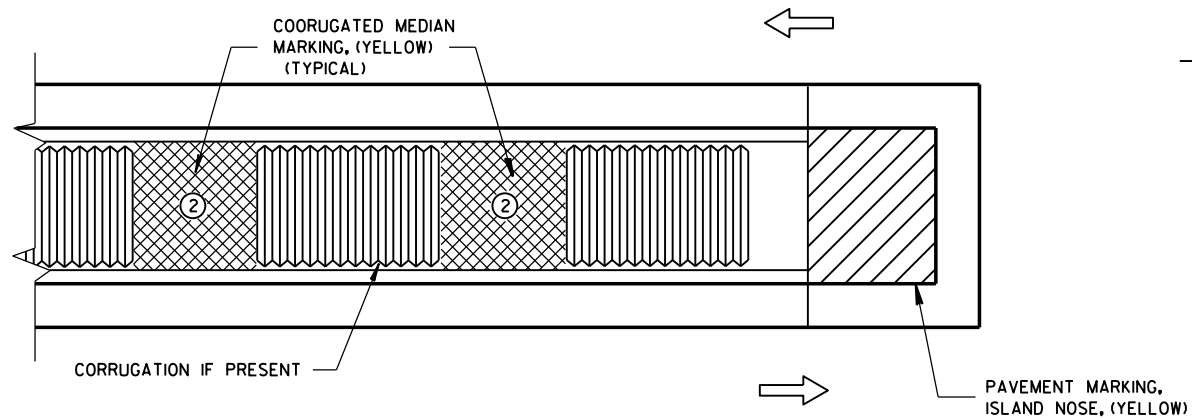
- ① STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- ② DISTANCE MAY BE ADJUSTED TO ACCOMMODATE SHORT LEFT TURN LANES, AS APPROVED BY THE ENGINEER.
- ③ A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ④ ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
- ⑤ 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
- ⑥ 8" WHITE
- ⑦ ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
- ⑧ REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (➡)
SHOWS DIRECTION OF TRAVEL

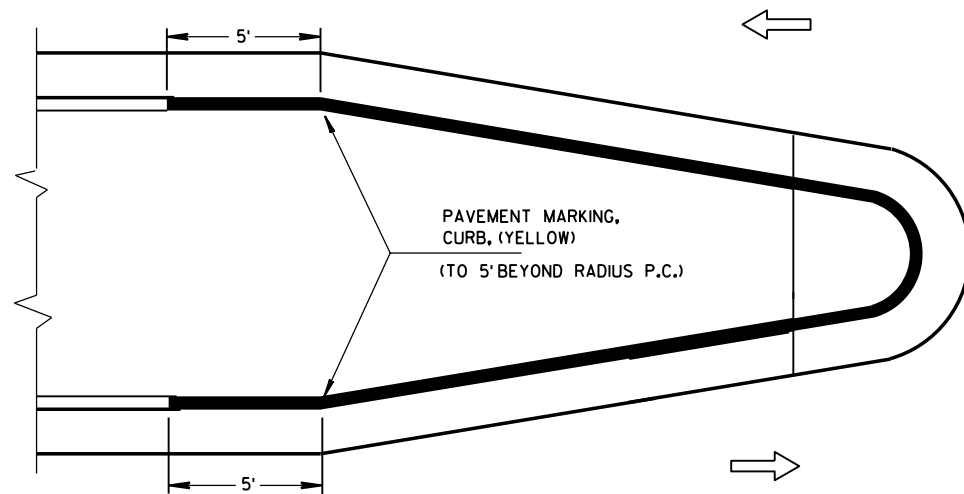


PAVEMENT MARKING
(LEFT TURN LANE)

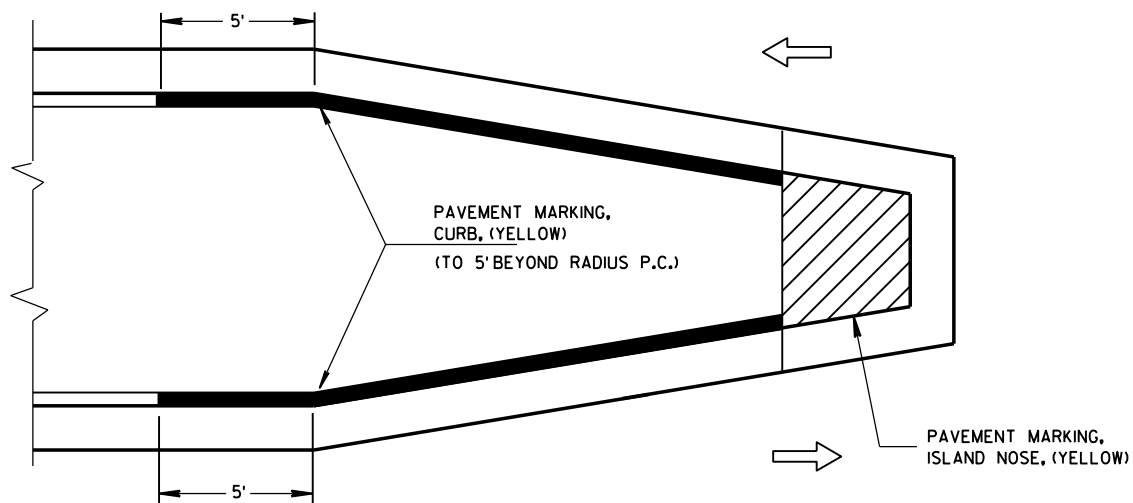
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

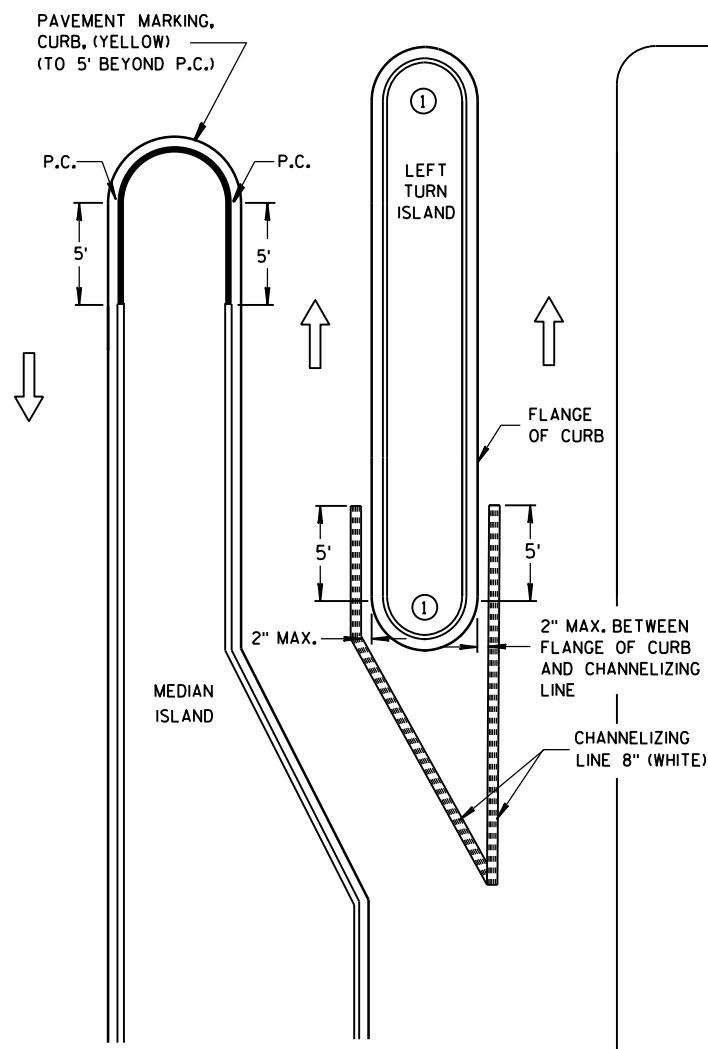


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

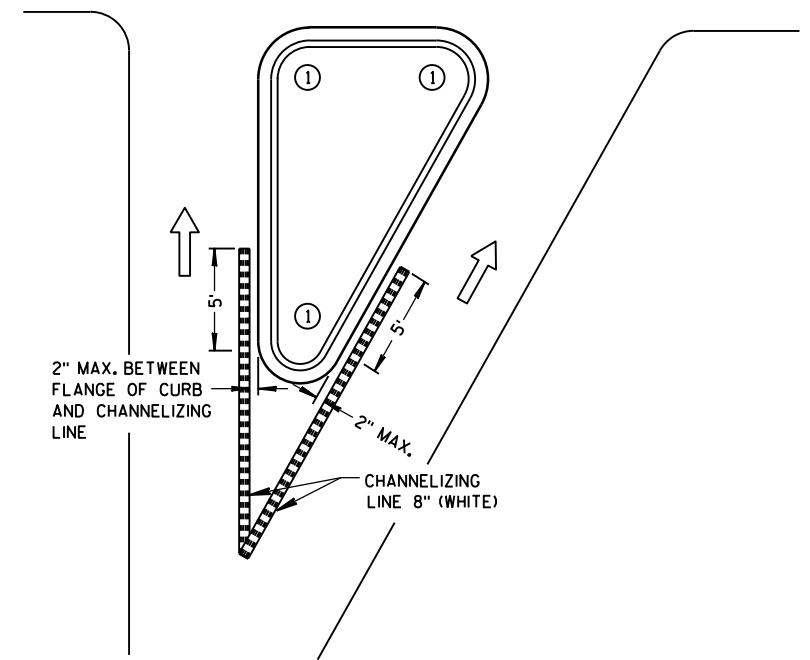
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

- 1 DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- 2 WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN, THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND





LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING (ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

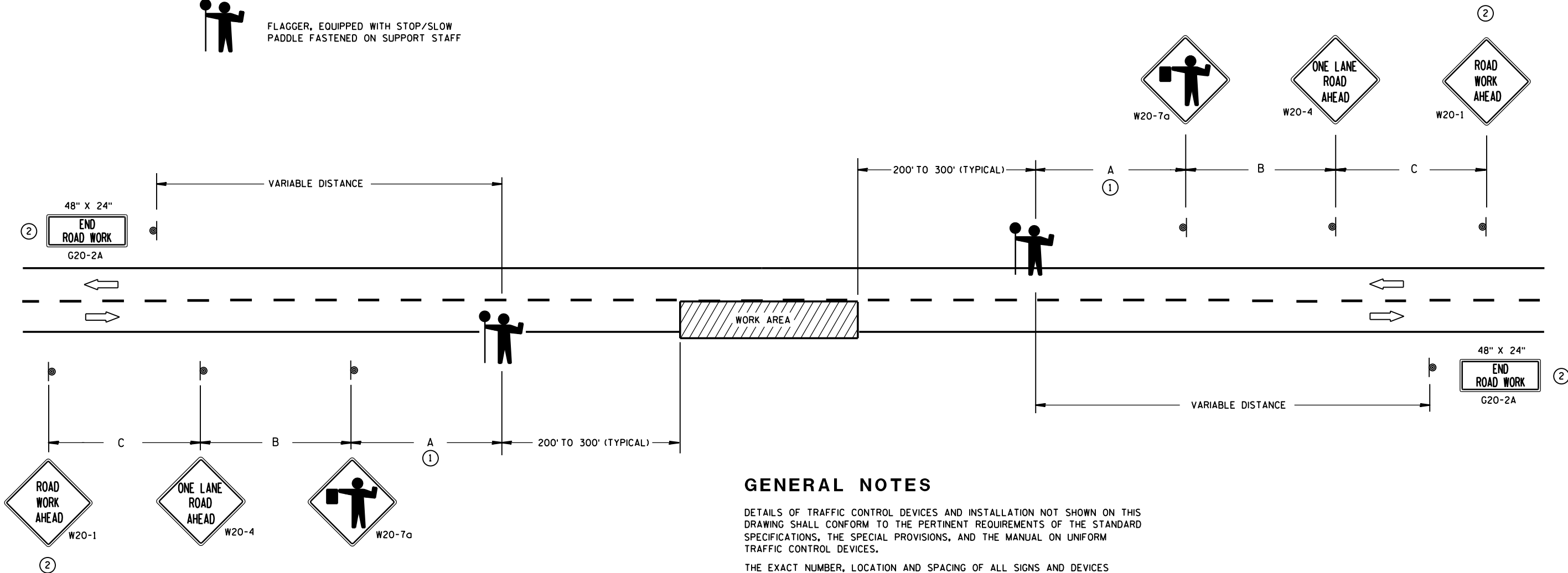
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

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

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

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

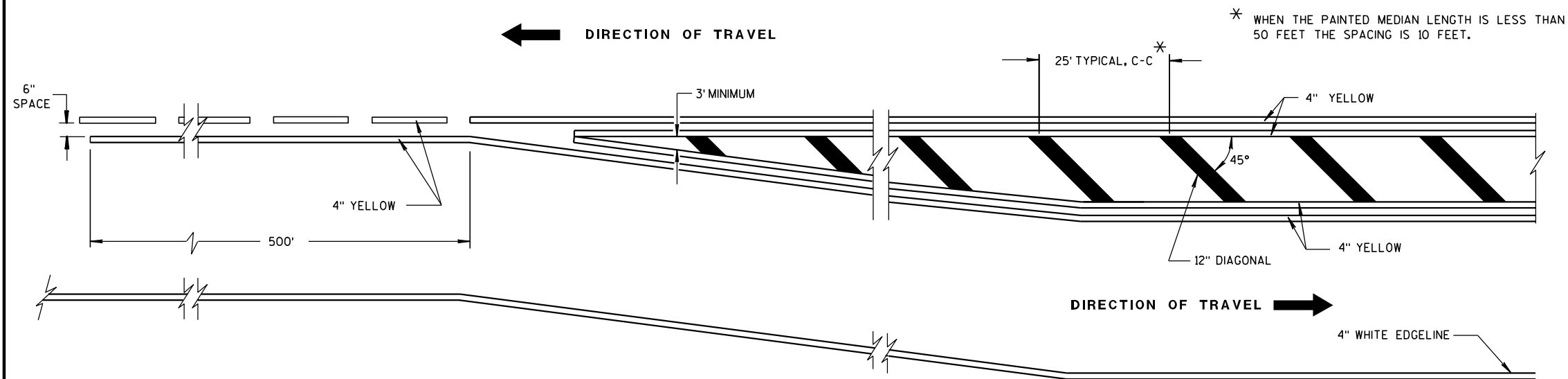
① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

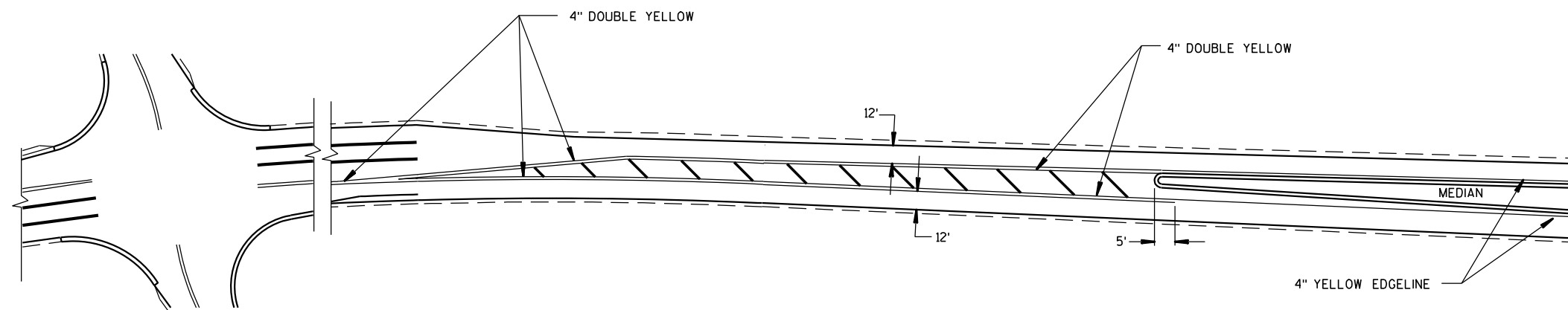
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA

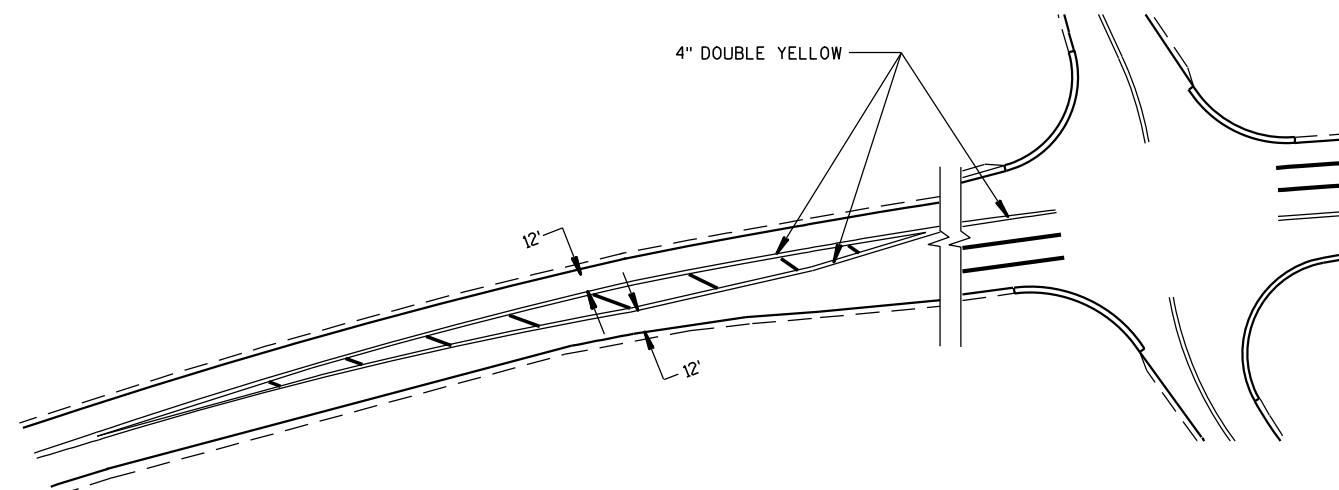


GENERAL NOTE

MEDIAN ISLAND DETAIL

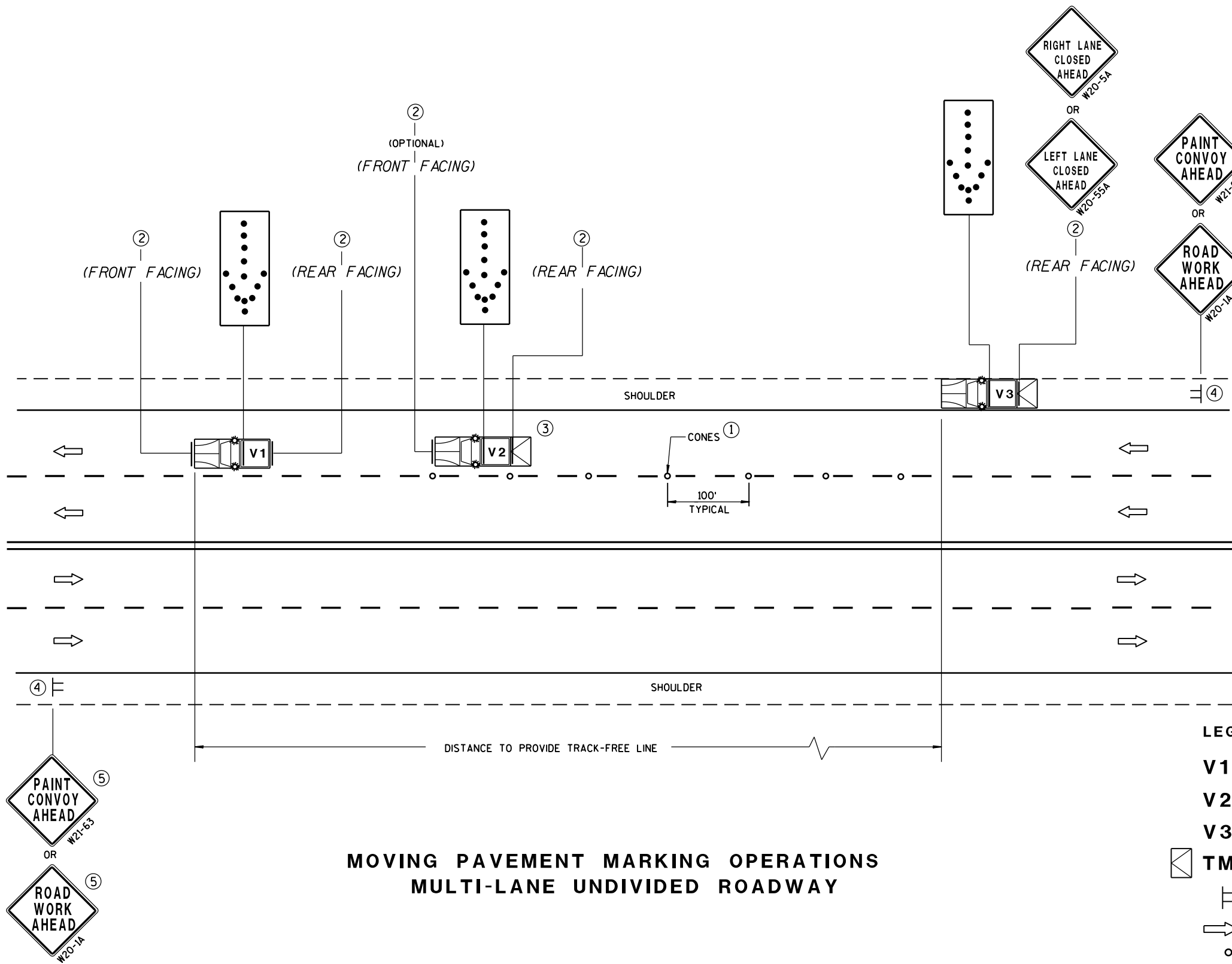


APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>2-5-09</u> DATE	<u>/S/ Thomas N. Notbohm</u> STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

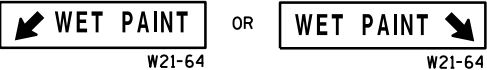


MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

GENERAL NOTES

- ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.
- ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.
- IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.
- ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.
- DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.
- WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.
- USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.
- FOR EDGELINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.
- WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.
- THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

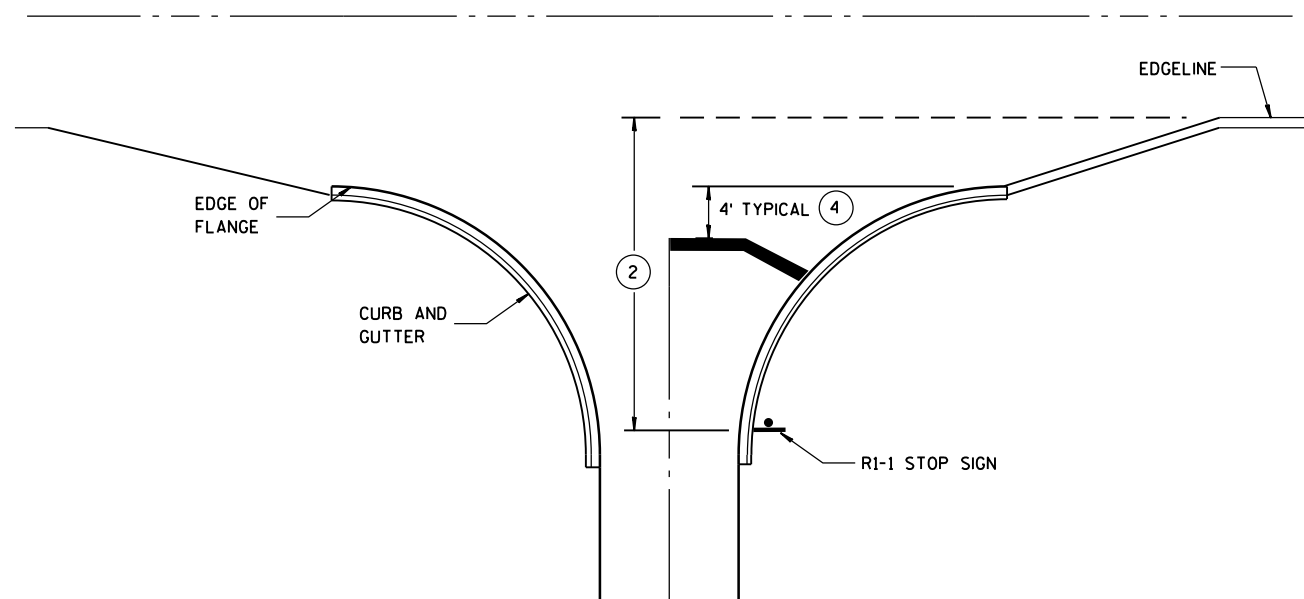


LEGEND

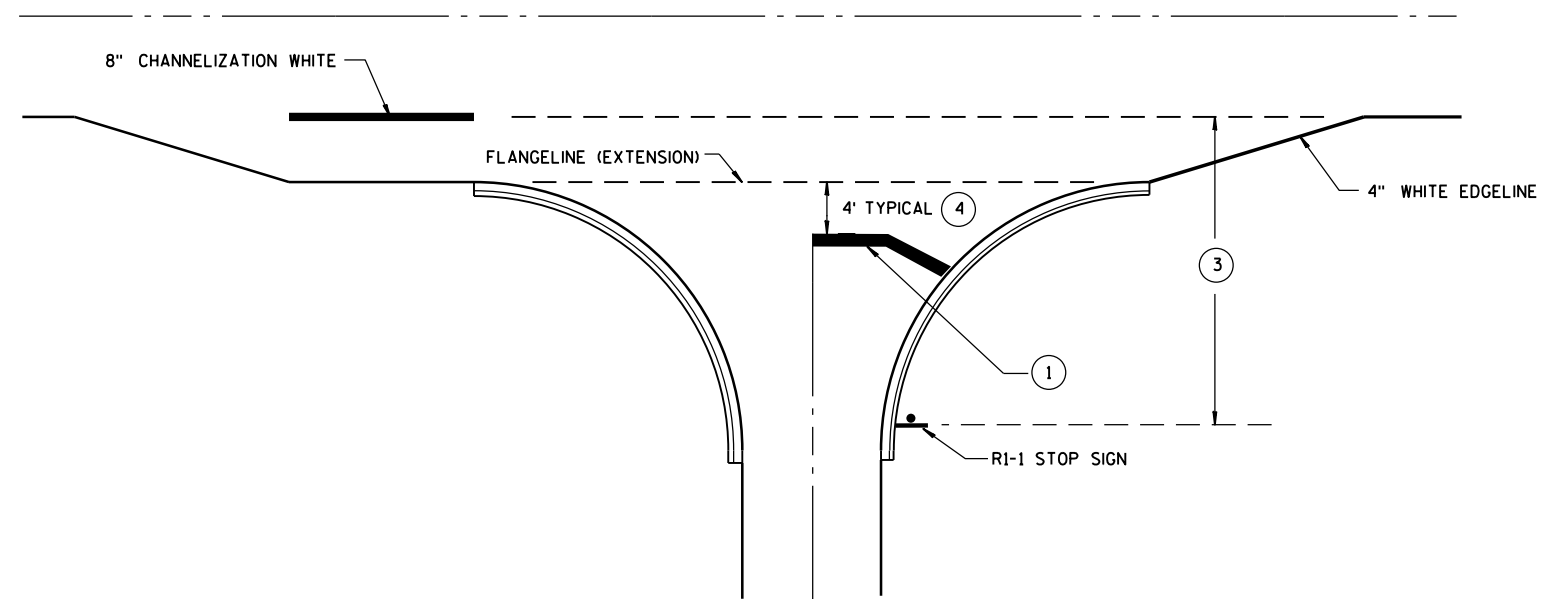
- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
- Sign on Temporary Support
- Direction of Traffic
- Cones
- Flashing Arrow Panel (Merge)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

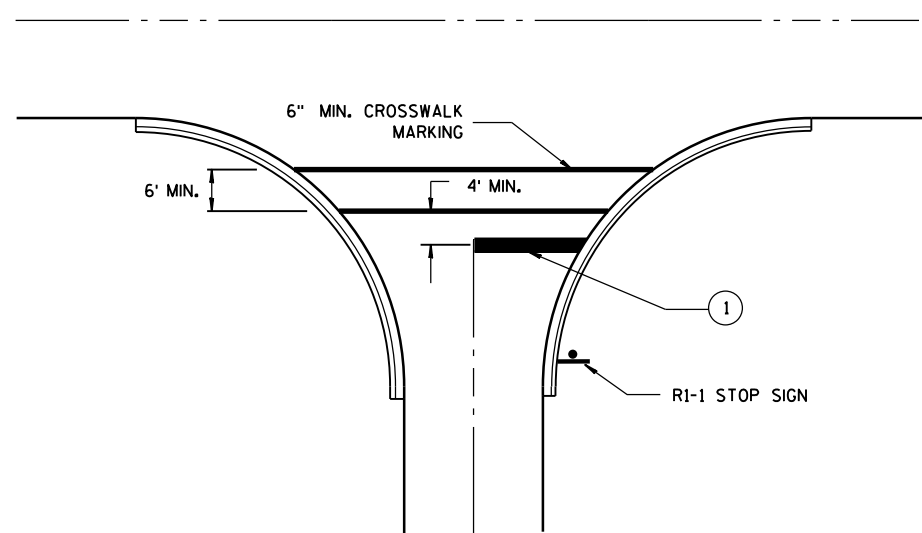
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept. 2015 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	



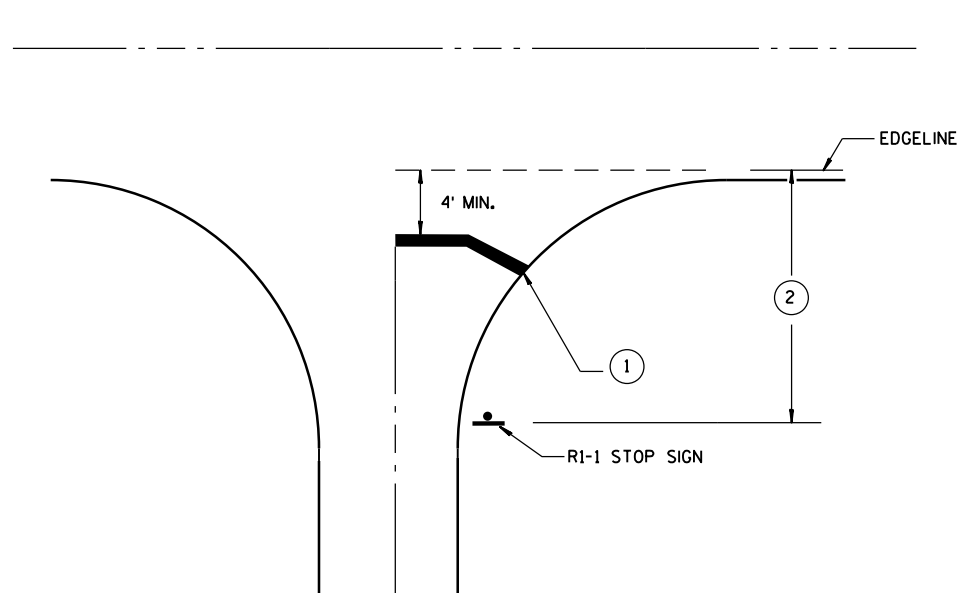
**TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER**



**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 EDGE LINE THAN NO STOP LINE IS REQUIRED.
- ③ IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- ④ MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

STOP LINE AND CROSSWALK PAVEMENT MARKING

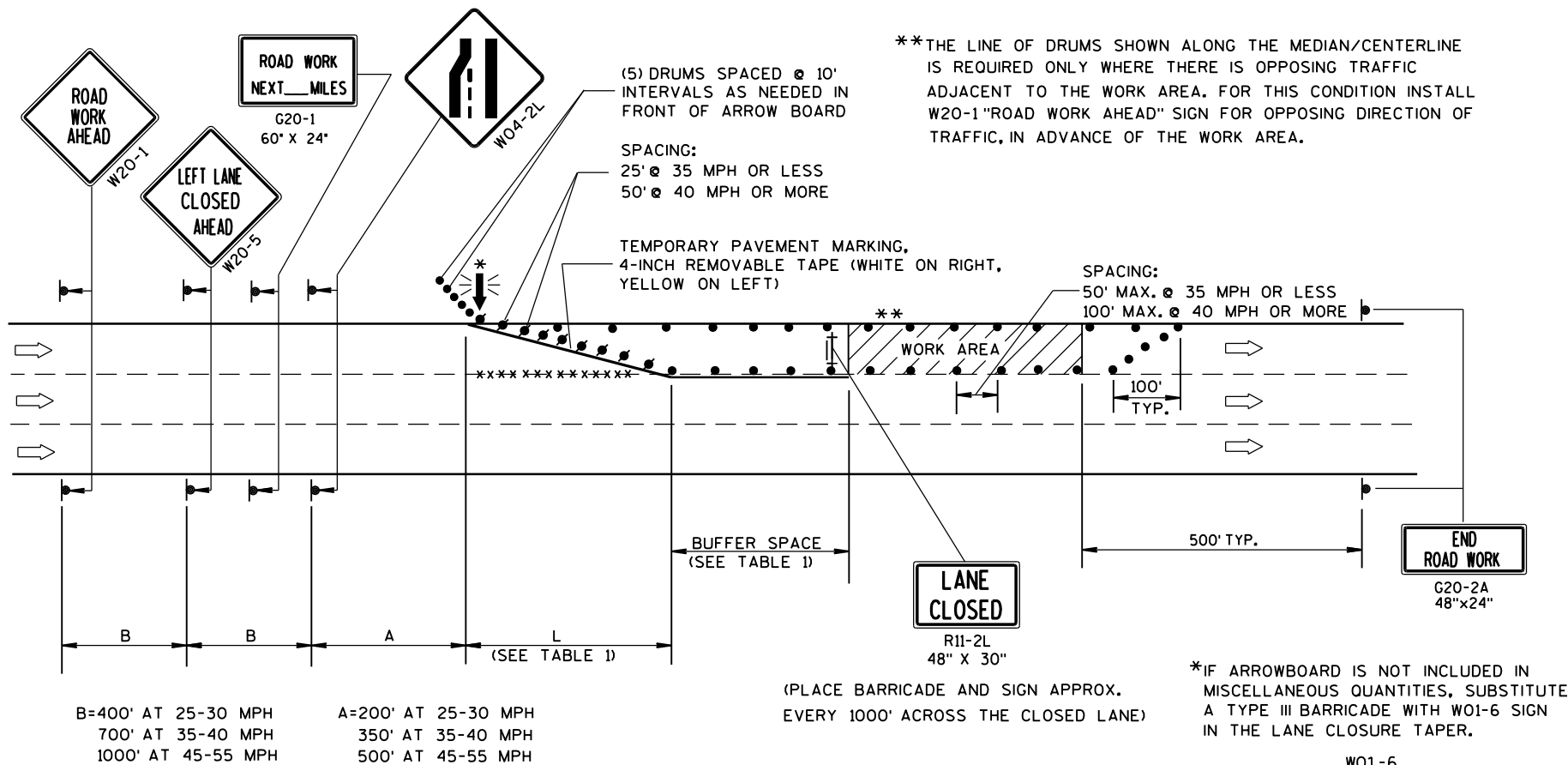
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/30/2013
DATE

FHWA

/S/ Travis Feltz
STATE TRAFFIC ENGINEER



GENERAL NOTES

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1, 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.

TABLE 1
TAPER AND BUFFER SPACE
FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

L = WS AT 45 MPH OR GREATER

$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

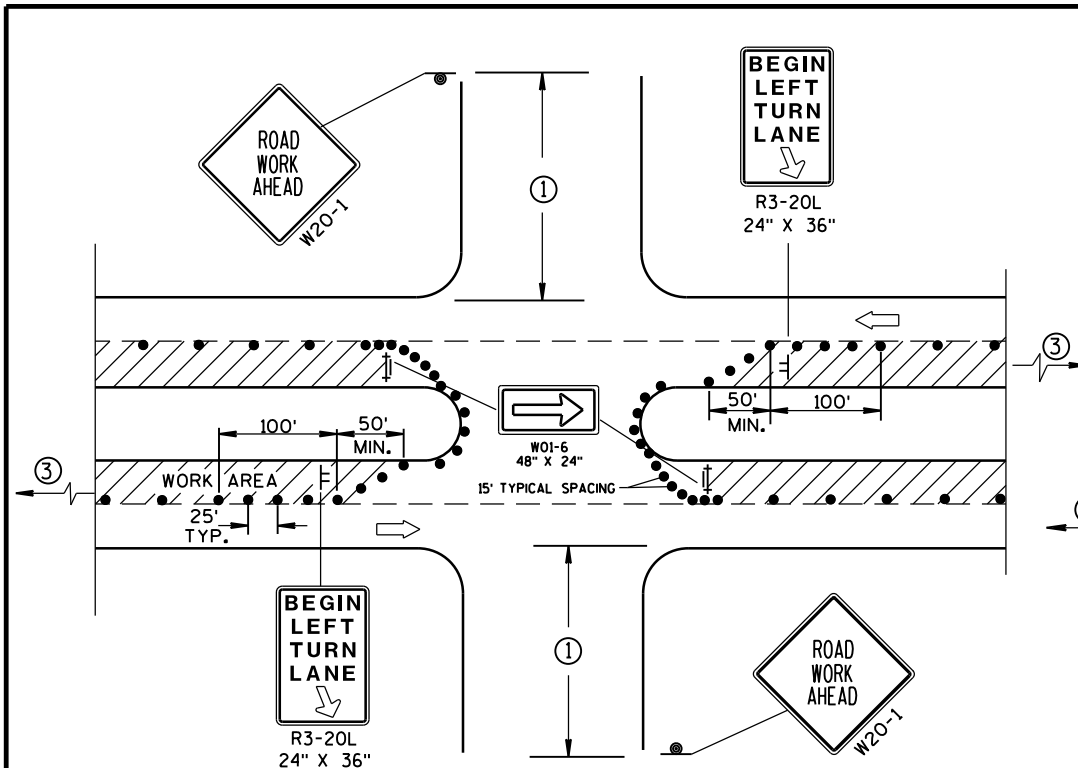
LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

TRAFFIC CONTROL,
SINGLE LANE CLOSURE,
NON-FREEWAY/EXPRESSWAY

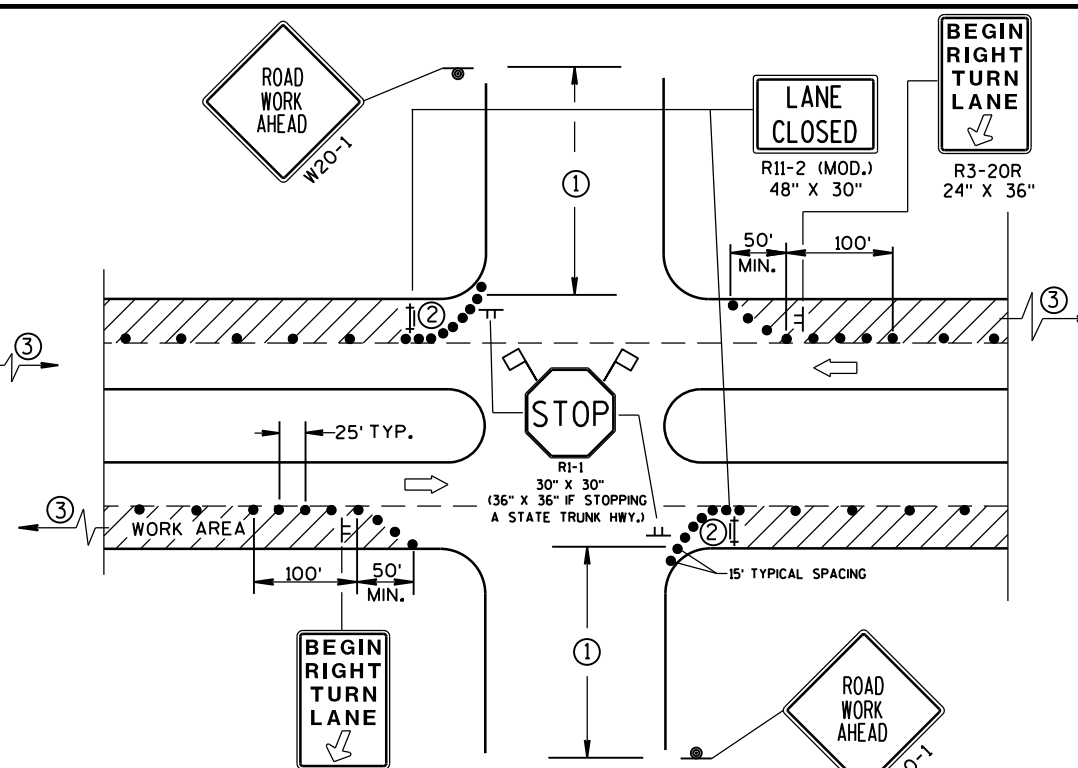
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Feb. 2015 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



DETAIL A
FOR LEFT LANE CLOSURE AT
INTERSECTION OR MEDIAN OPENING

PROVIDE TURN LANES AT
INTERSECTIONS WHENEVER
STAGING OF WORK ALLOWS.
TAPER AND TURN LANE
LENGTHS BASED ON FIELD
CONDITIONS AS APPROVED
BY THE ENGINEER.



DETAIL B
FOR RIGHT LANE CLOSURE
AT INTERSECTION

GENERAL NOTES

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

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

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

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.

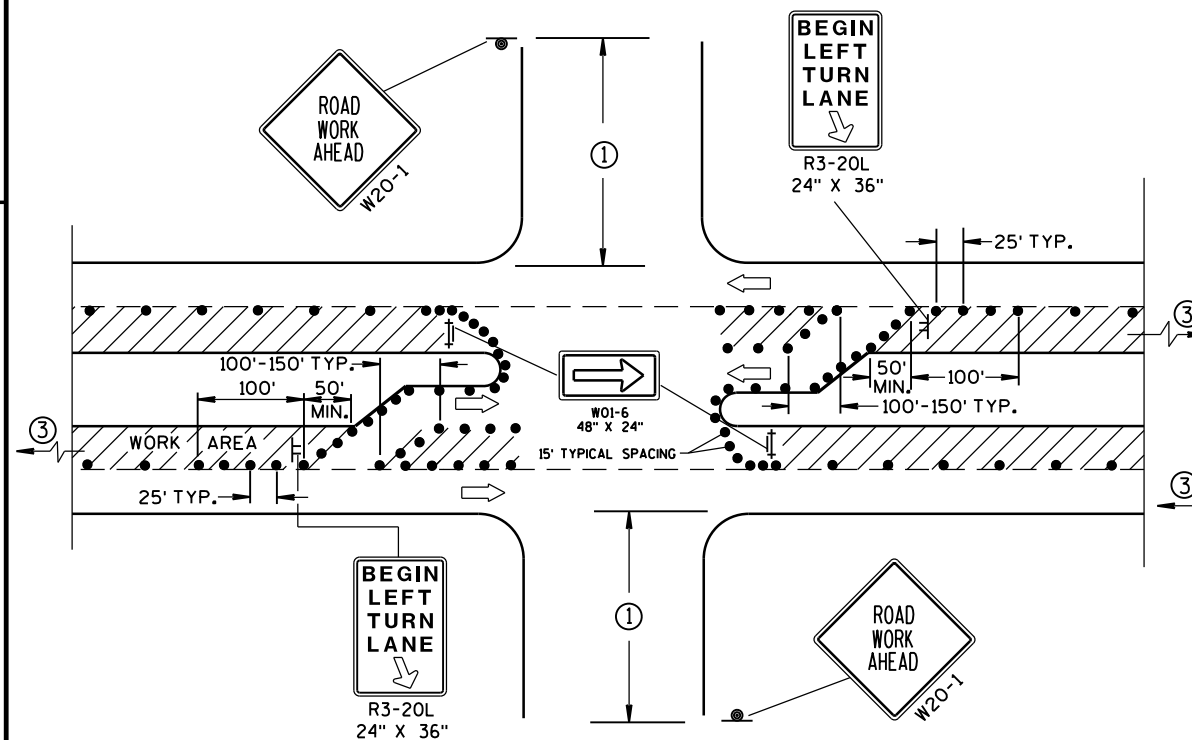
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

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.

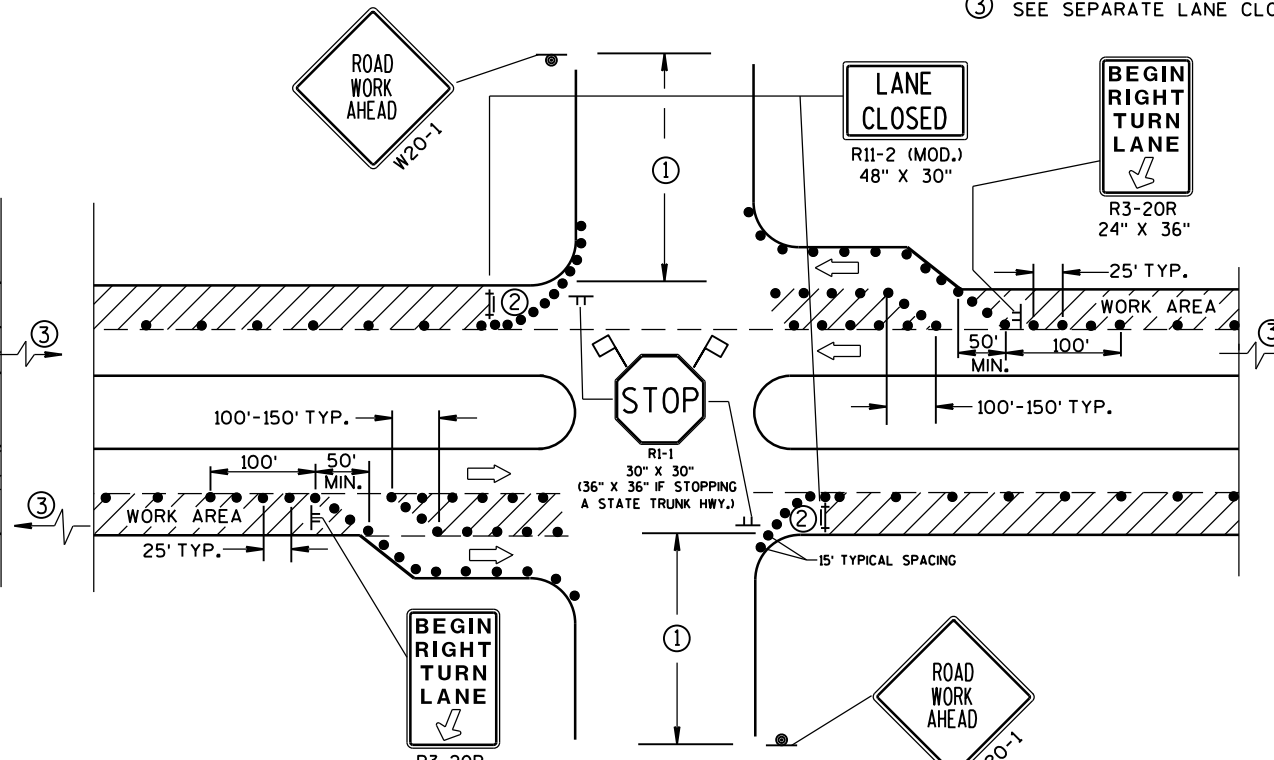
- ① 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35-40 MPH.
200' IF 25-30 MPH.
- ② ALSO USE BARRICADE AND 15-FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.
- ③ SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

LEGEND

- TRAFFIC CONTROL DRUM
- ⊙ SIGN ON PERMANENT SUPPORT
- ⊢ SIGN ON TEMPORARY SUPPORT (5' MIN. MOUNTING HEIGHT)
- ⊢ TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE "A" WARNING LIGHT (FLASHING)
- ➡ DIRECTION OF TRAFFIC
- 🚩 FLAGS, 16" X 16" MIN., (ORANGE)
- ▨ WORK AREA



DETAIL C
FOR LEFT LANE CLOSURE AT INTERSECTION OR
MEDIAN OPENING (WITH LEFT TURN BAY OPEN)



DETAIL D
FOR RIGHT LANE CLOSURE AT INTERSECTION
(WITH RIGHT TURN BAY OPEN)

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Nov. 2014 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA

TABLE 1
TAPER AND BUFFER SPACE
FOR 12' LANE WIDTH

S	L	BUFFER SPACE
25	125'	55'
30	180'	85'
35	245'	120'
40	320'	170'
45	540'	220'
50	600'	280'
55	660'	335'

FOR LANE WIDTH OTHER THAN 12':

$L = WS$ AT 45 MPH OR GREATER











$L = \frac{WS^2}{60}$ AT 40 MPH OR LESS

L = TAPER LENGTH IN FEET

S = NON-CONSTRUCTION SPEED LIMIT (MPH)

W = WIDTH OF LANE CLOSURE

LEGEND

-  TYPE III BARRICADE
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  SIGN ON PERMANENT SUPPORT
-  SIGN ON TEMPORARY SUPPORT
-  TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
-  TRAFFIC CONTROL DRUM
-  FLASHING ARROW BOARD
-  DIRECTION OF TRAFFIC
-  REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
-  WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

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

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

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

W20-1, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

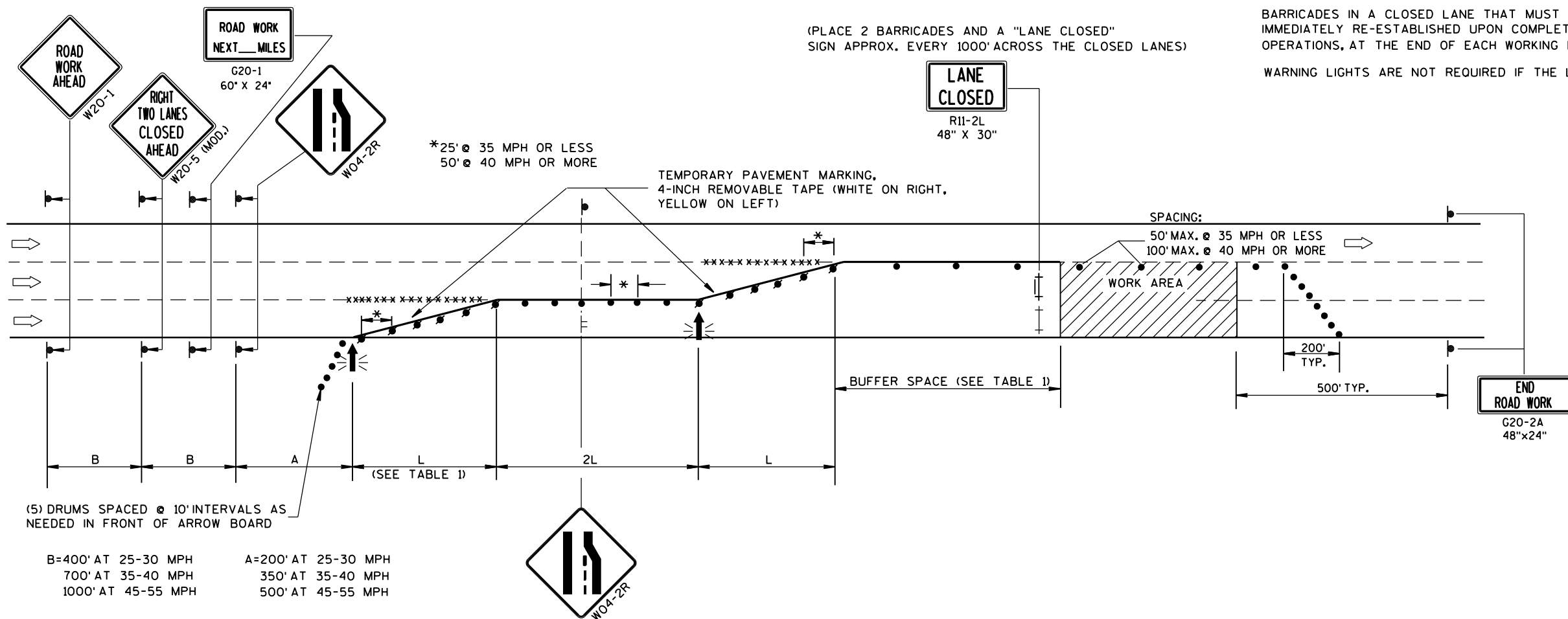
WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO LOCATE THE ARROWBOARD AS SHOWN, PLACE THE ARROWBOARD IN THE LANE CLOSURE TAPER AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE TAPER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(PLACE 2 BARRICADES AND A "LANE CLOSED" SIGN APPROX. EVERY 1000' ACROSS THE CLOSED LANES)



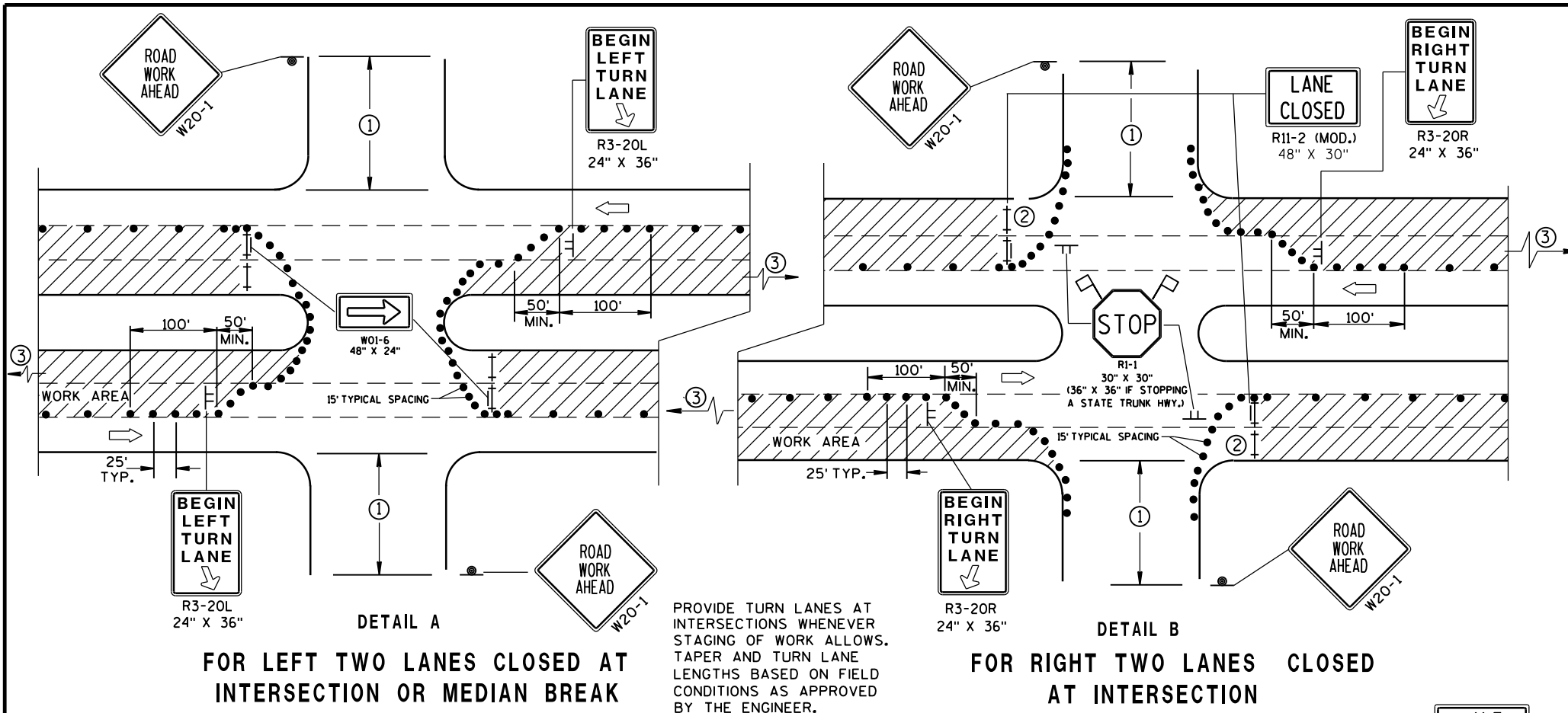
TRAFFIC CONTROL,
TWO LANE CLOSURE,
NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN

FHWA



GENERAL NOTES

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

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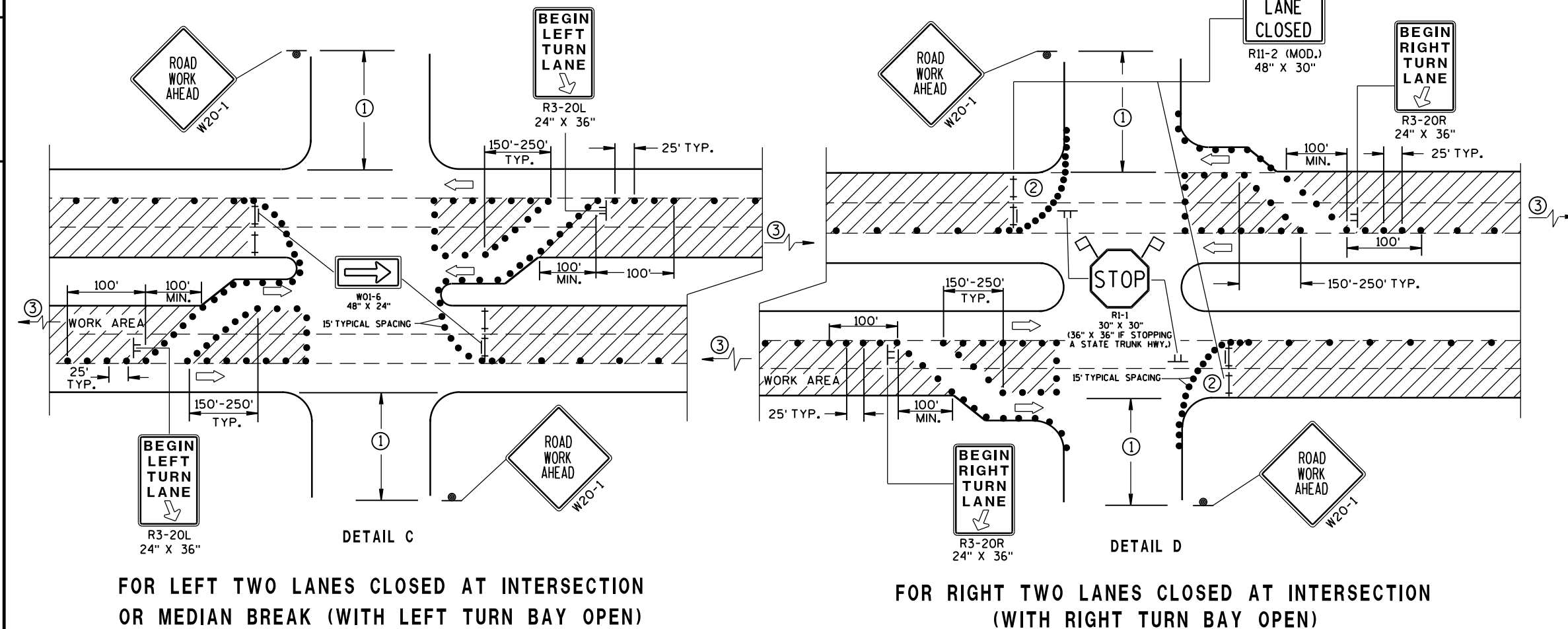
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BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

- 500 FEET TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350 FEET IF 35-40 MPH.
200 FEET IF 25-30 MPH.
- ALSO USE BARRICADES AND 15-FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS.
- SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

LEGEND

- TRAFFIC CONTROL DRUM
- ⊙ SIGN ON PERMANENT SUPPORT
- ⊢ SIGN ON TEMPORARY SUPPORT (5' MIN. MOUNTING HEIGHT)
- ⊢ TYPE III BARRICADE
- ⊢ TYPE III BARRICADE WITH ATTACHED SIGN AND TYPE "A" WARNING LIGHT (FLASHING)
- ➡ DIRECTION OF TRAFFIC
- ⚑ FLAGS, 16" X 16" MIN., (ORANGE)
- ▨ WORK AREA

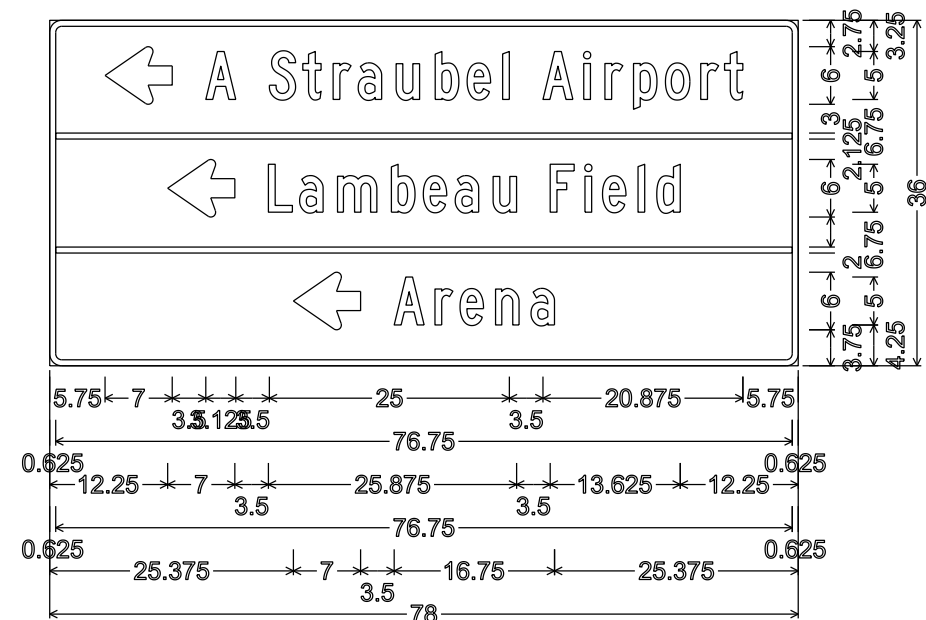


TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

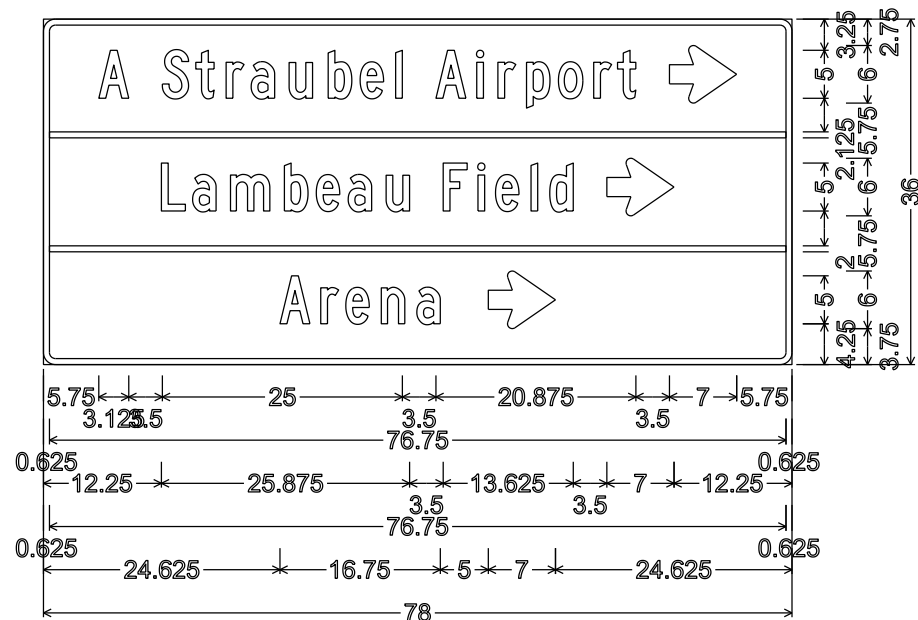
APPROVED
Nov. 2014 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA

60



D1-3; 1.250" Radius, 0.625" Border
 "A" C; "Straubel" C; "Airport" C;
 "Lambeau" C; "Field" C; "Arena" C;

40

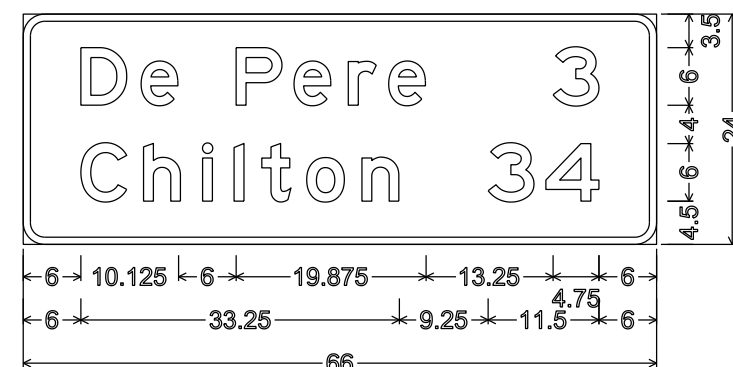


D1-3; 1.250" Radius, 0.625" Border,
 "A" C; "Straubel" C; "Airport" C;
 "Lambeau" C; "Field" C; "Arena" C;

NOTES

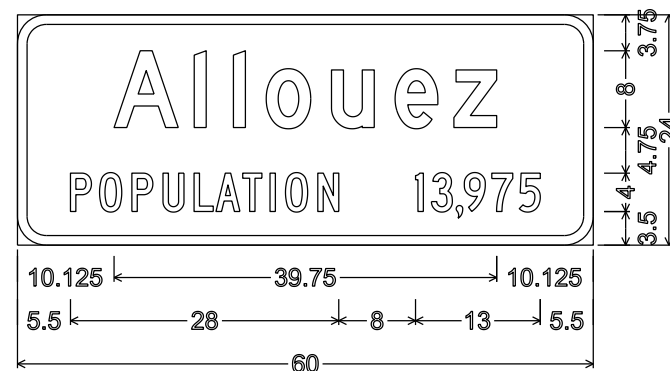
1. All SignType II - Type H Reflective
2. Color:
Background - GREEN except as noted
Message - WHITE
3. Message Series - E except as noted

105



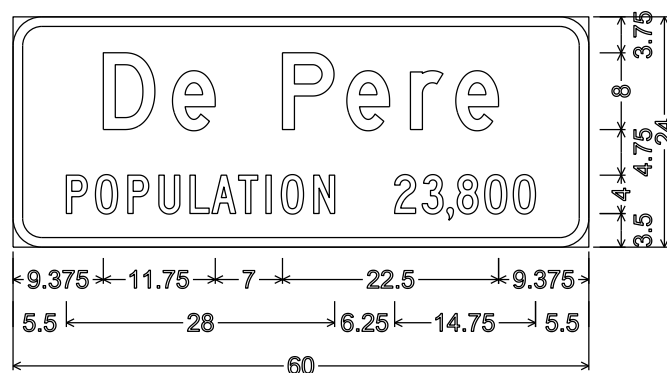
D2-2; 2.250" Radius, 0.750" Border

11



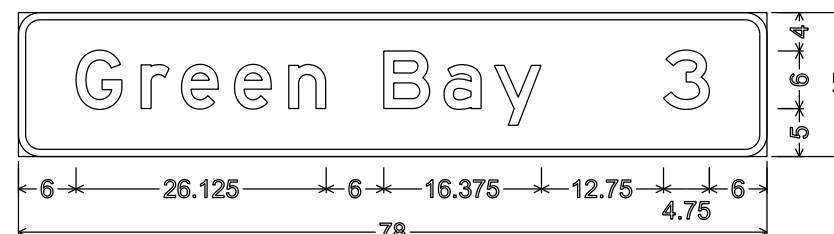
I2-3;
 3.000" Radius, 1.000" Border,
 "Allouez" D; "POPULATION" C; "13,975" C;

11A



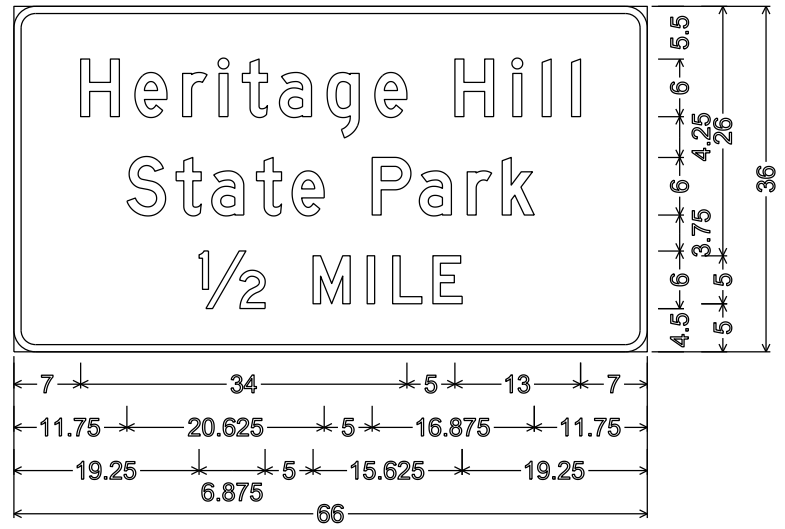
I2-3;
 3.000" Radius, 1.000" Border,
 "De" D; "Pere" D; "POPULATION" C; "23,800" C;

7



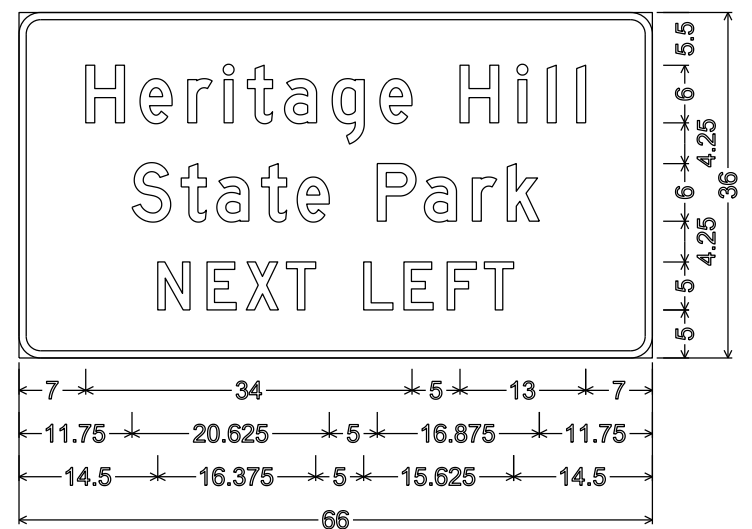
D2-1; 2.250" Radius, 0.750" Border

19



D7-51;
2.250" Radius, 0.750" Border, White on Brown;
"Heritage" D; "Hill" D; "State" D; "Park" D; "1/2" D; "MILE" D;

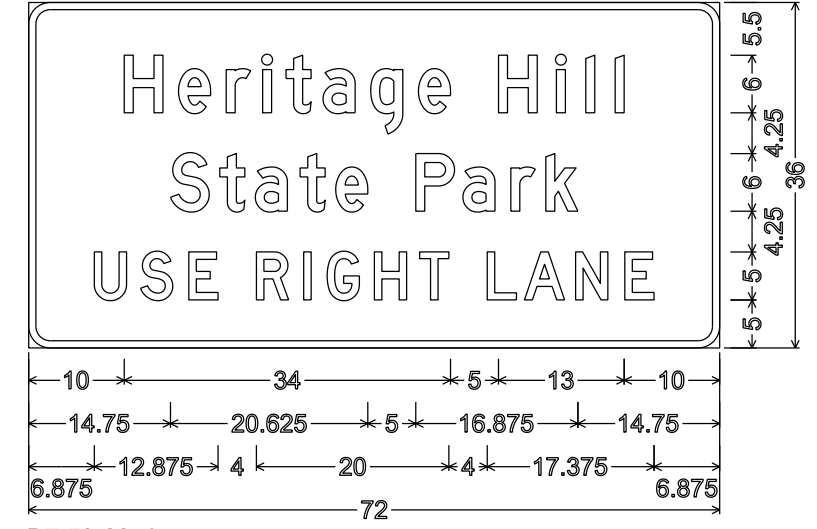
45



D7-53 Mod;
2.250" Radius, 0.750" Border, White on Brown;
"Heritage" D; "Hill" D; "State" D;
"Park" D; "NEXT" D; "LEFT" D;

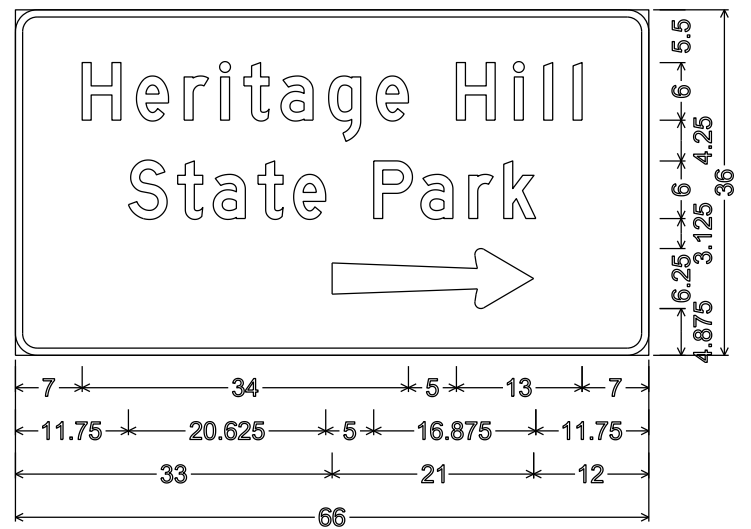
- NOTES
1. All SignType II - Type H Reflective
 2. Color:
Background - GREEN except as noted
Message - WHITE
 3. Message Series - E except as noted

23



D7-53 Mod;
2.250" Radius, 0.750" Border, White on Brown;
"Heritage" D; "Hill" D; "State" D; "Park" D
"USE" D; "RIGHT" D; "LANE" D;

30

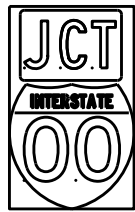


D7-53R;
2.250" Radius, 0.750" Border, White on Brown;
"Heritage" D; "Hill" D; "State" D; "Park" D

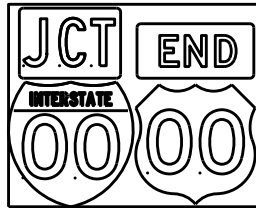
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7

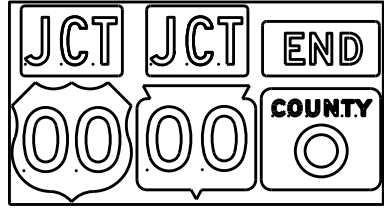
TYPICAL ASSEMBLIES



J1-1



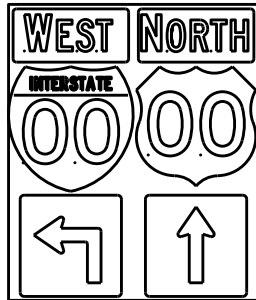
J1-2



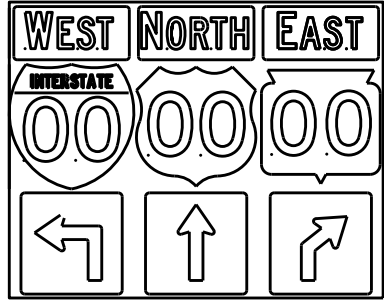
J1-3



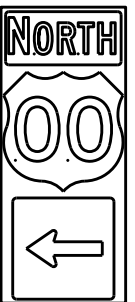
J2-1



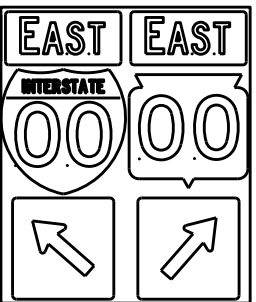
J2-2



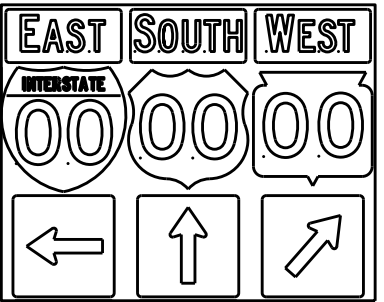
J2-3



J3-1



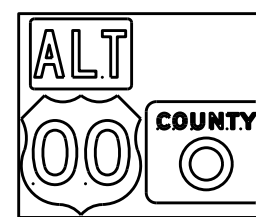
J3-2



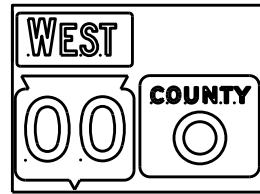
J3-3



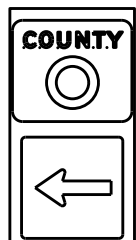
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1

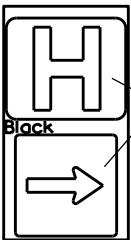


J22-1



JV

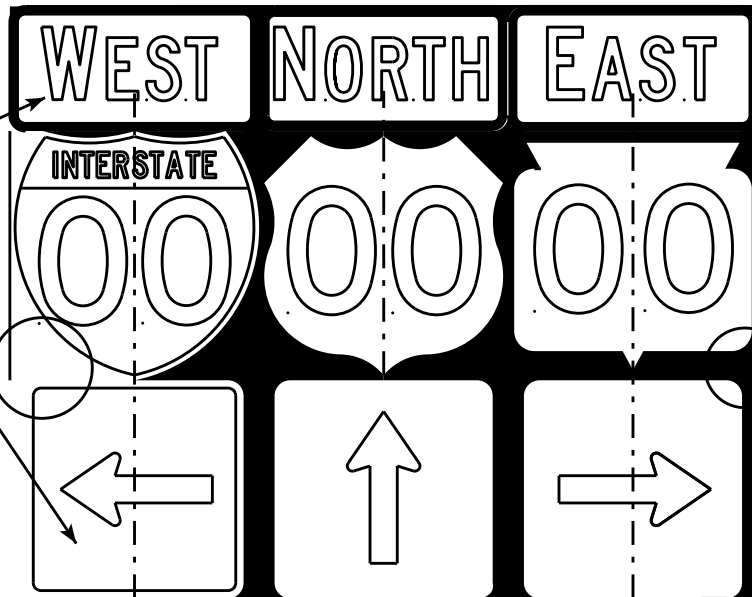
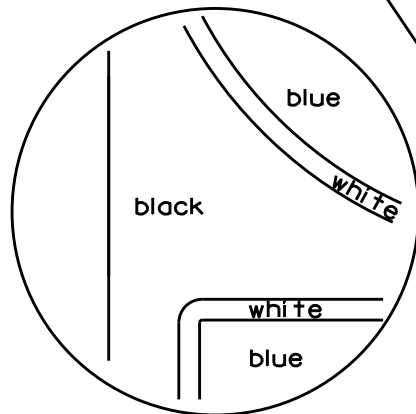
(Typical Vertical J-Assembly
See Note 10 and 11)



JH-1

Blue Background

[blue background
with interstate]



[black background]

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/06/14 PLATE NO. A2-1S.8

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Black Non-reflective
Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater 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.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

PROJECT NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN

PLOT DATE : 06-FEB-2014 14:10

PLOT BY : mscs.ja

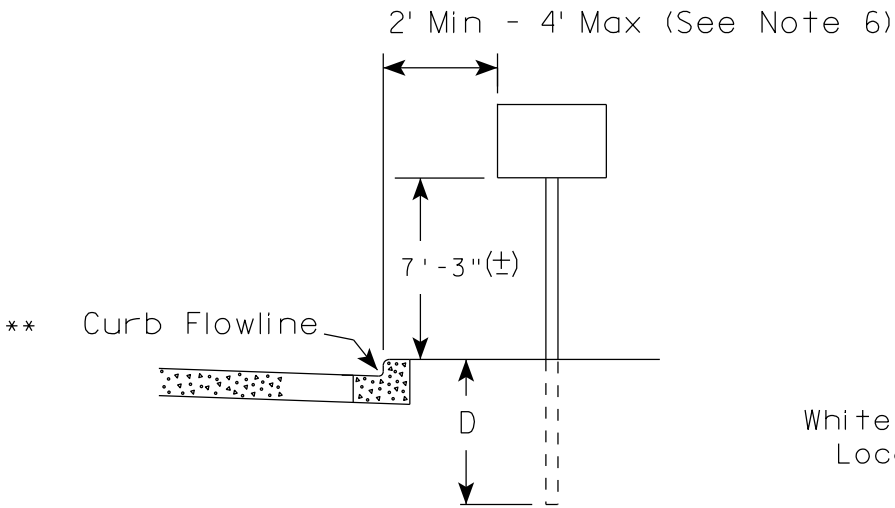
PLOT NAME :

SHEET NO:

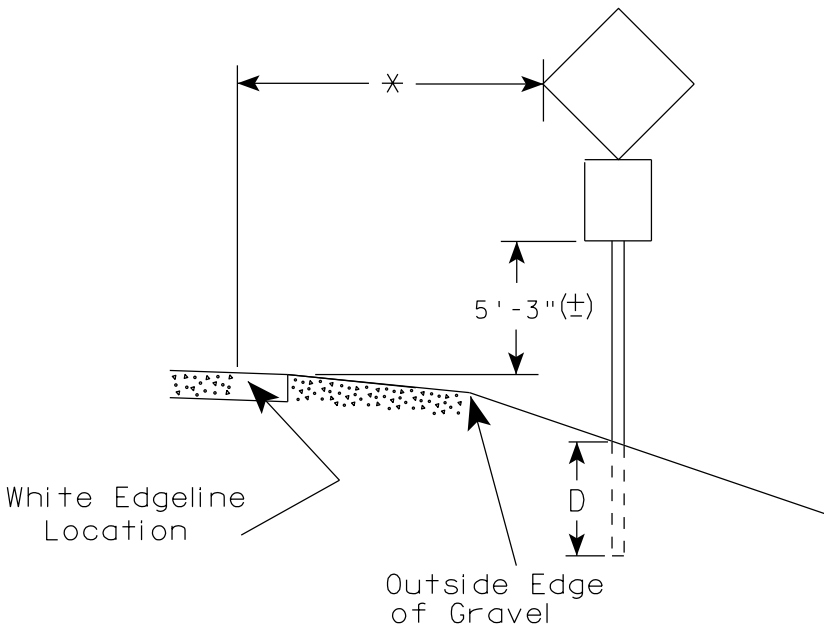
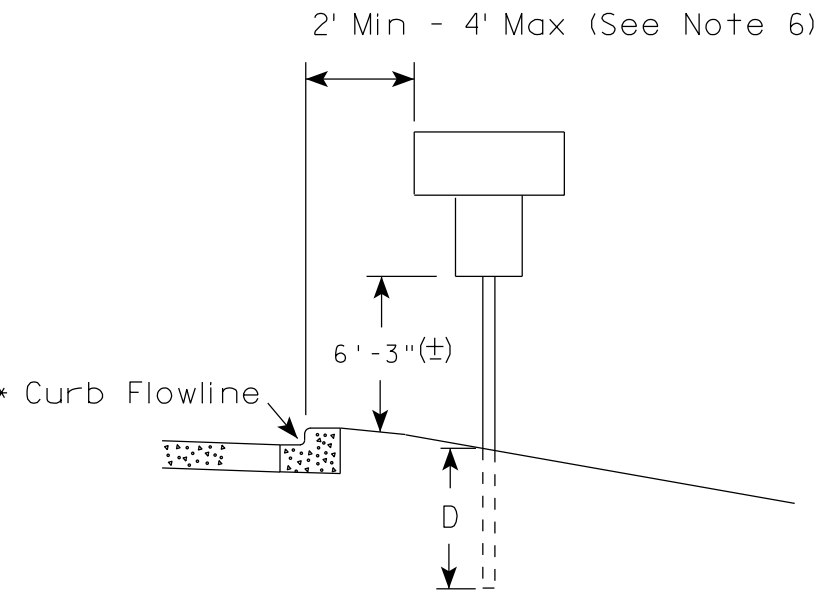
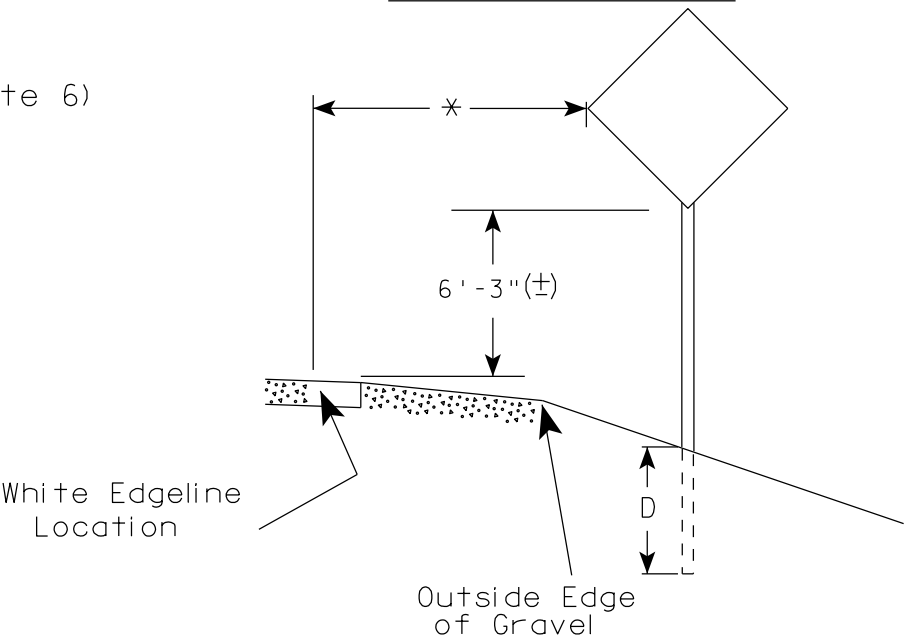
E

WISDOT/CADDs SHEET 42

URBAN AREA



RURAL AREA (See Note 2)



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" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directed 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 (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

×× 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.

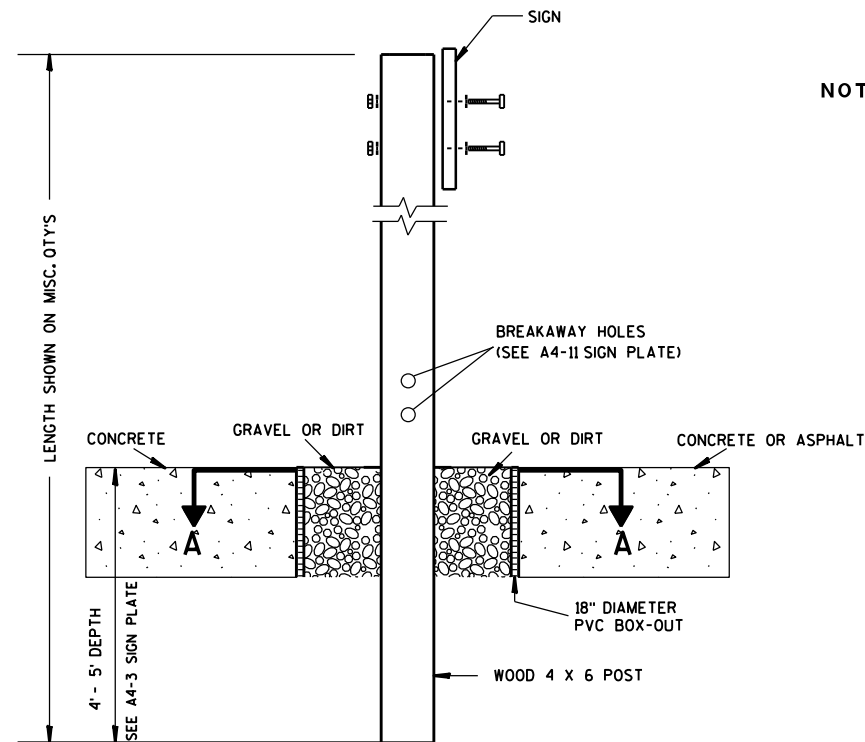
* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

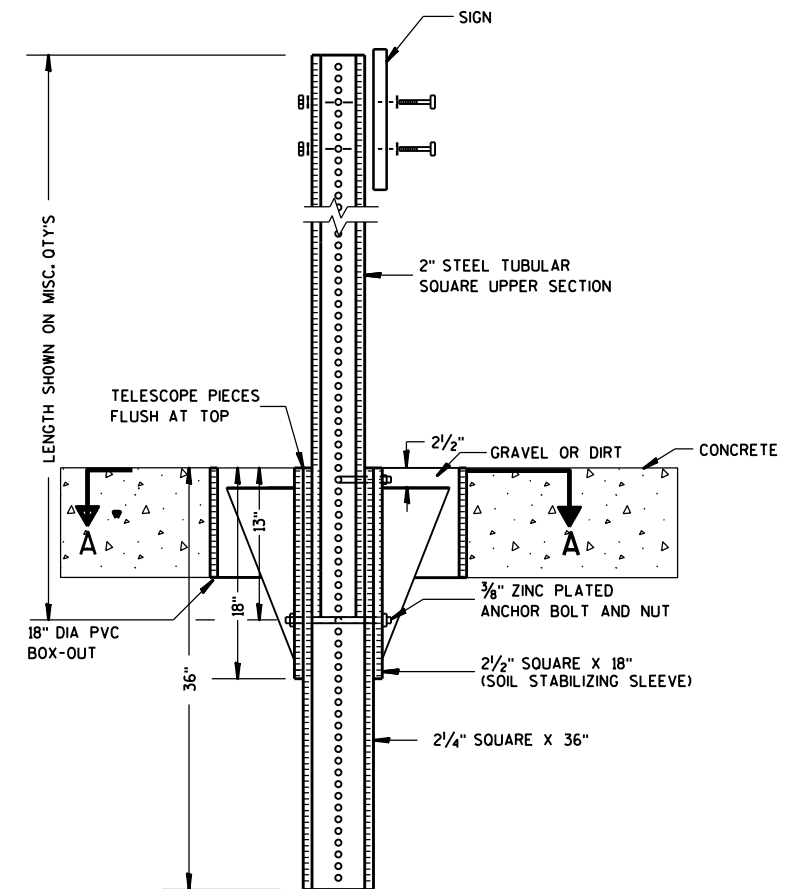
DATE 7/23/15 PLATE NO. A4-3.20



ELEVATION VIEW

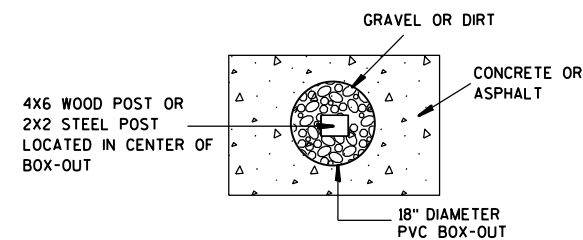
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST
BOX-OUTS
A4-3B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

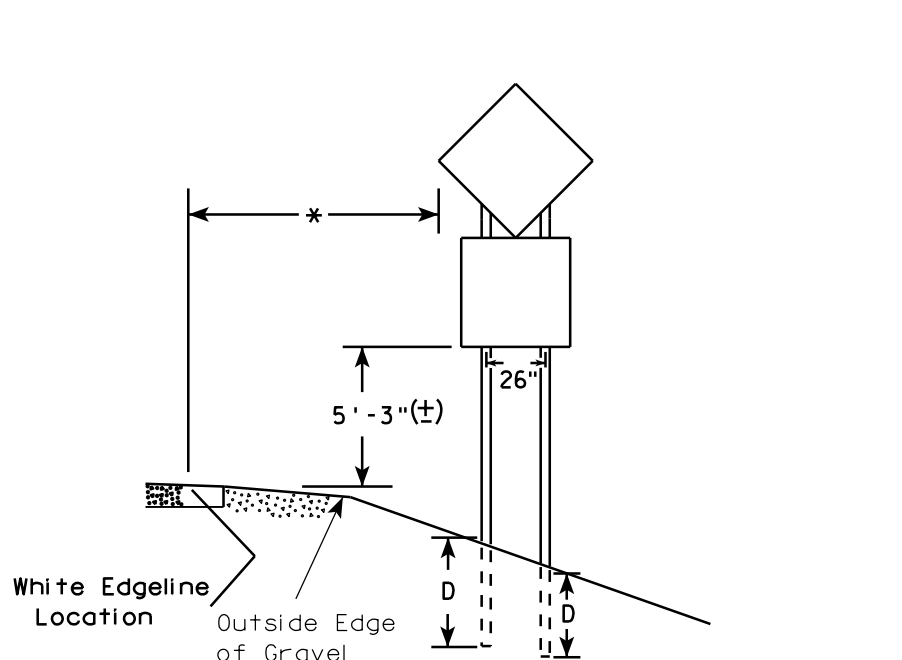
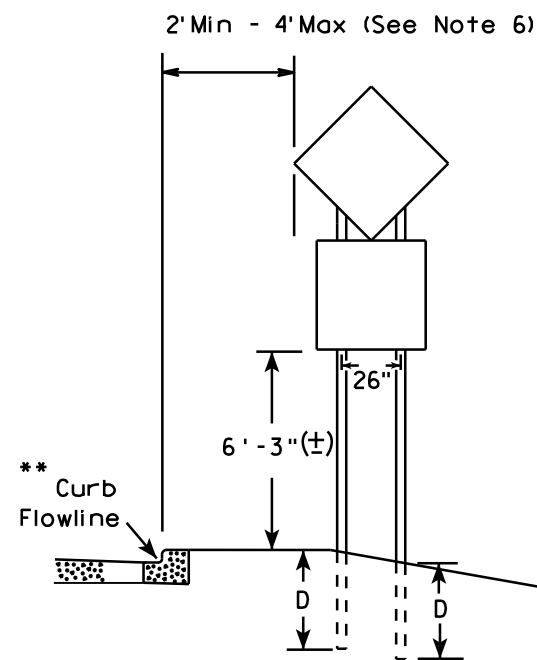
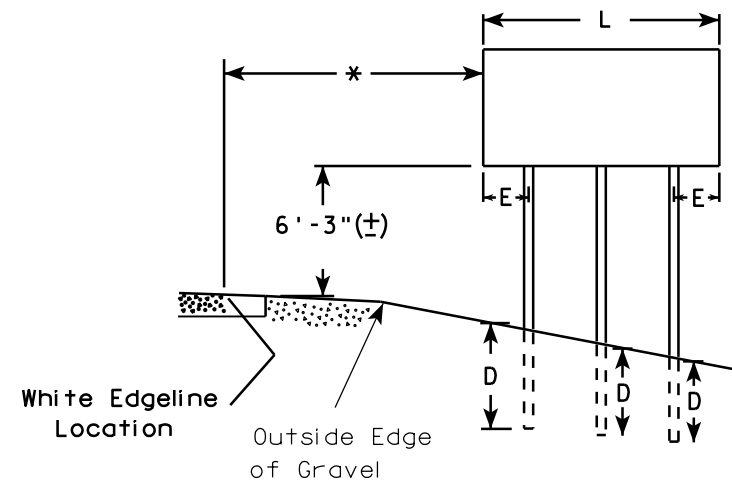
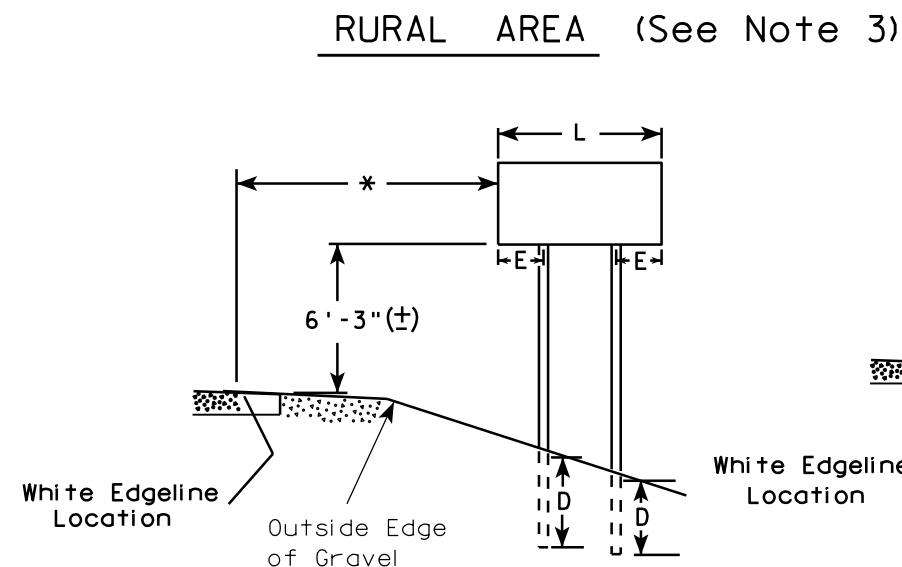
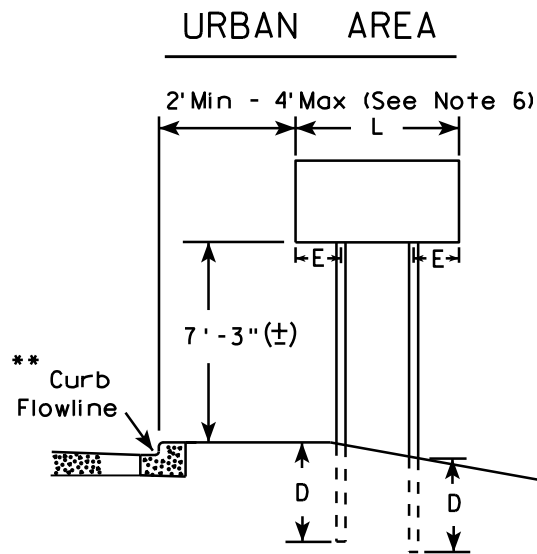
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



48" DIAMOND WARNING SIGN

48" DIAMOND WARNING SIGN

- GENERAL NOTES
- For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
 - See tables below for required number of posts.
 - For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
 - The (±) tolerance for mounting height is 3 inches.
 - Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
 - Offset distance shall be consistent with existing signs or consistent throughout length of project.
 - Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
 - 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.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

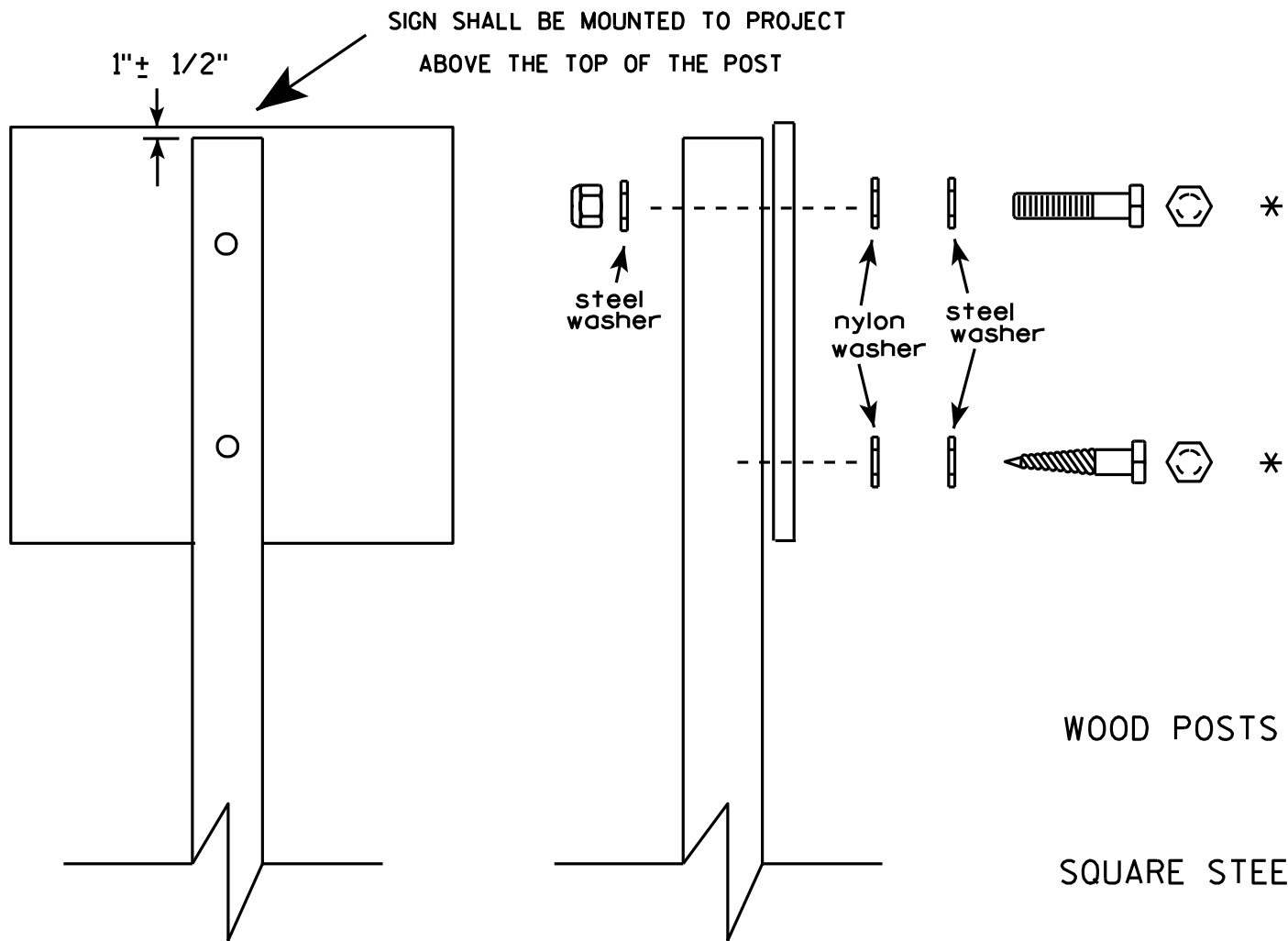
Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4.14

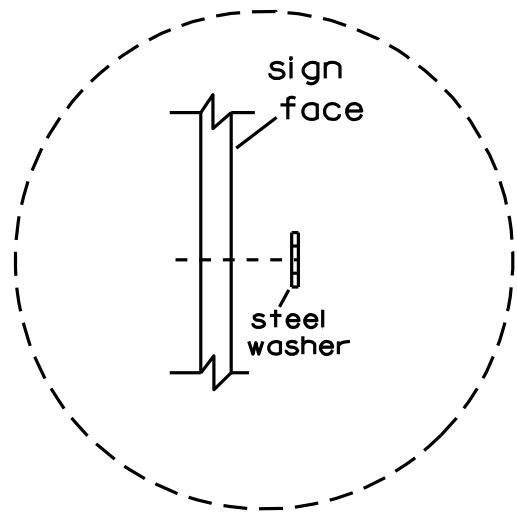


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- 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 - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 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.



Washer Placement when Sign Has Other Than Type H or Type F Face


* 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	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/23/10	PLATE NO. A4-8.7

**2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH**

1" $\frac{1}{8}$ "

ALL HOLES $\frac{7}{16}$ "
SPACED 1" C-C
ALL FOUR SIDES

4" x 10" x 10 GA. — 
STEEL PLATE (CUT
AS SHOWN) WELDED
TO ALL FOUR CORNERS
OF TELESPAR TUBE

**2 1/2" SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH**

LENGTH SHOWN ON MISC. Q'TYS
 18" DIA SCHEDULE 40 PVC BOX-OUT
 TELESCOPE PIECES FLUSH AT TOP
 36"
 18"
 13"
 2 1/2"
 2 1/4" SQUARE X 36"
 2 1/2" SQUARE X 18" (SOIL STABILIZING SLEEVE)
 3/8" ZINC PLATED ANCHOR BOLT AND NUT
 3/8" ZINC PLATED CORNER ANCHOR BOLT AND NUT
 ALL HOLES 7/16" SPACED 1" C-C ALL FOUR SIDES
 2" STEEL TUBULAR SQUARE UPPER SECTION
 SEE SIGN PLATE A4-8 FOR BOLT WASHER, & NUT MATERIAL
 SIGN
 2 1/2" GRAVEL OR DIRT

[illegible]

Area of Sign Installation (Sq. Ft.)	Number of Required 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

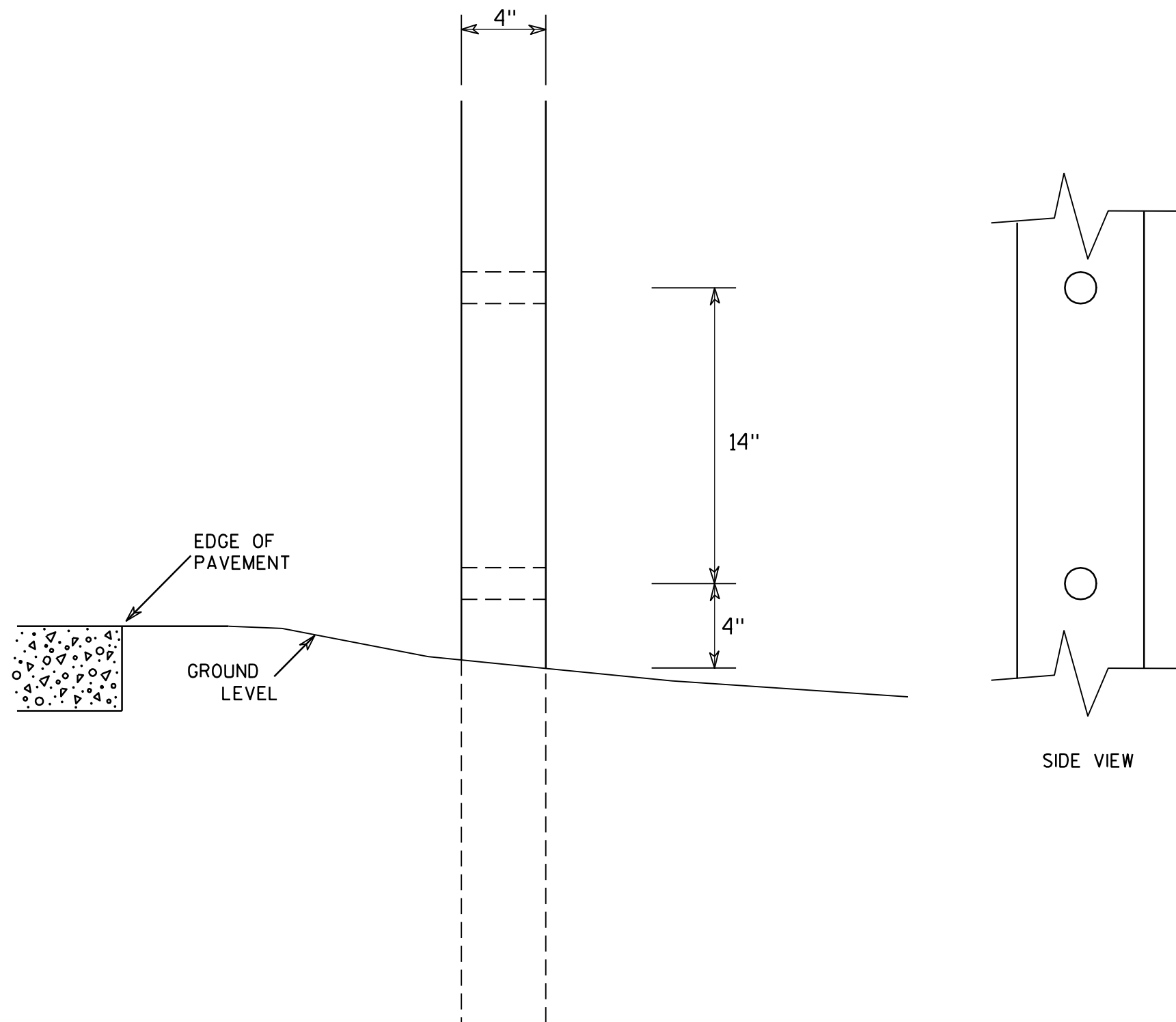
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/05/15 PLATE NO. A4-9.9

7

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

**4 X 6 WOOD POST
MODIFICATIONS**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chester J. Spang
for State Traffic Engineer

DATE 3/27/97

PLATE NO. A4-11.2

PROJECT NO:

HWY:

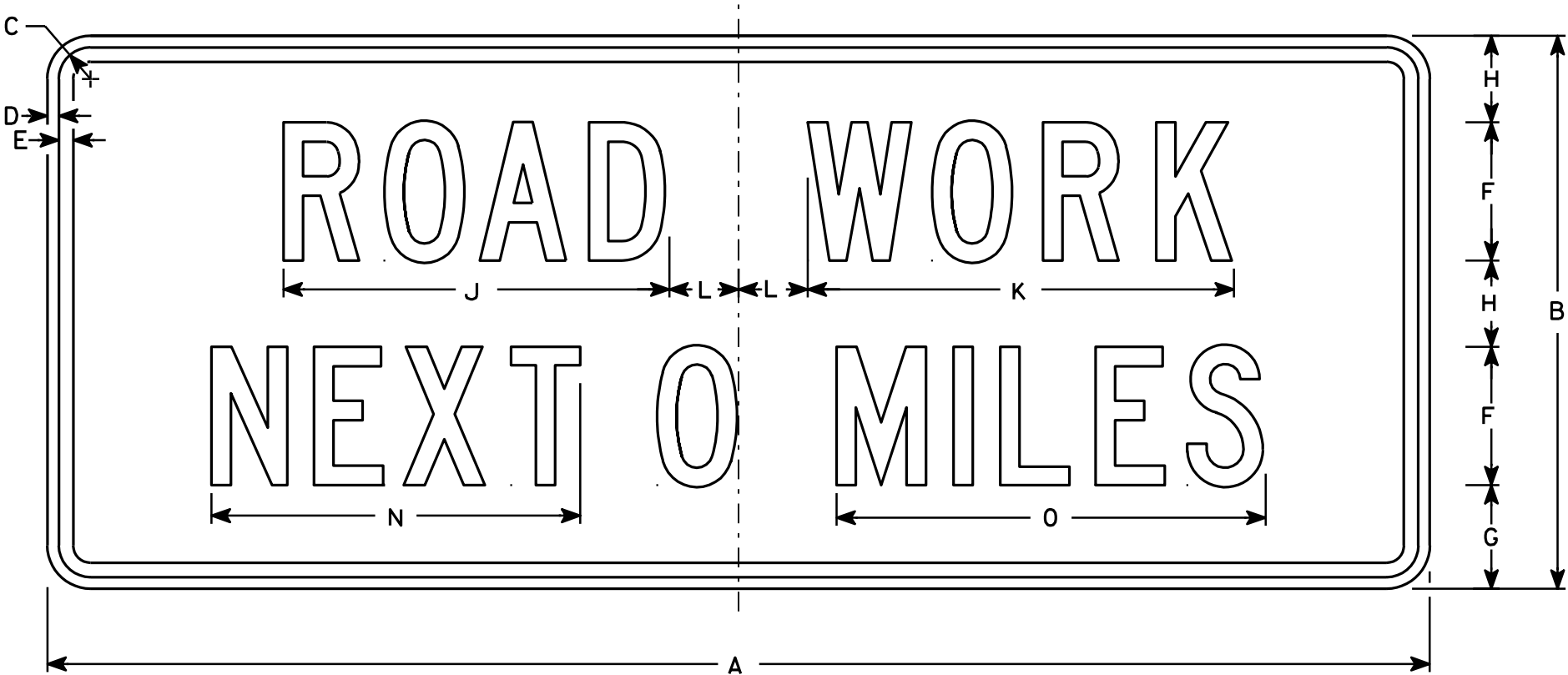
COUNTY:

SHEET NO:

E

NOTES

- 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.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance



G20-1

Metric equivalent
for this sign is:

SIZE	
1	
2	1500 mm X 600 mm
3	
4	1500 mm X 600 mm
5	

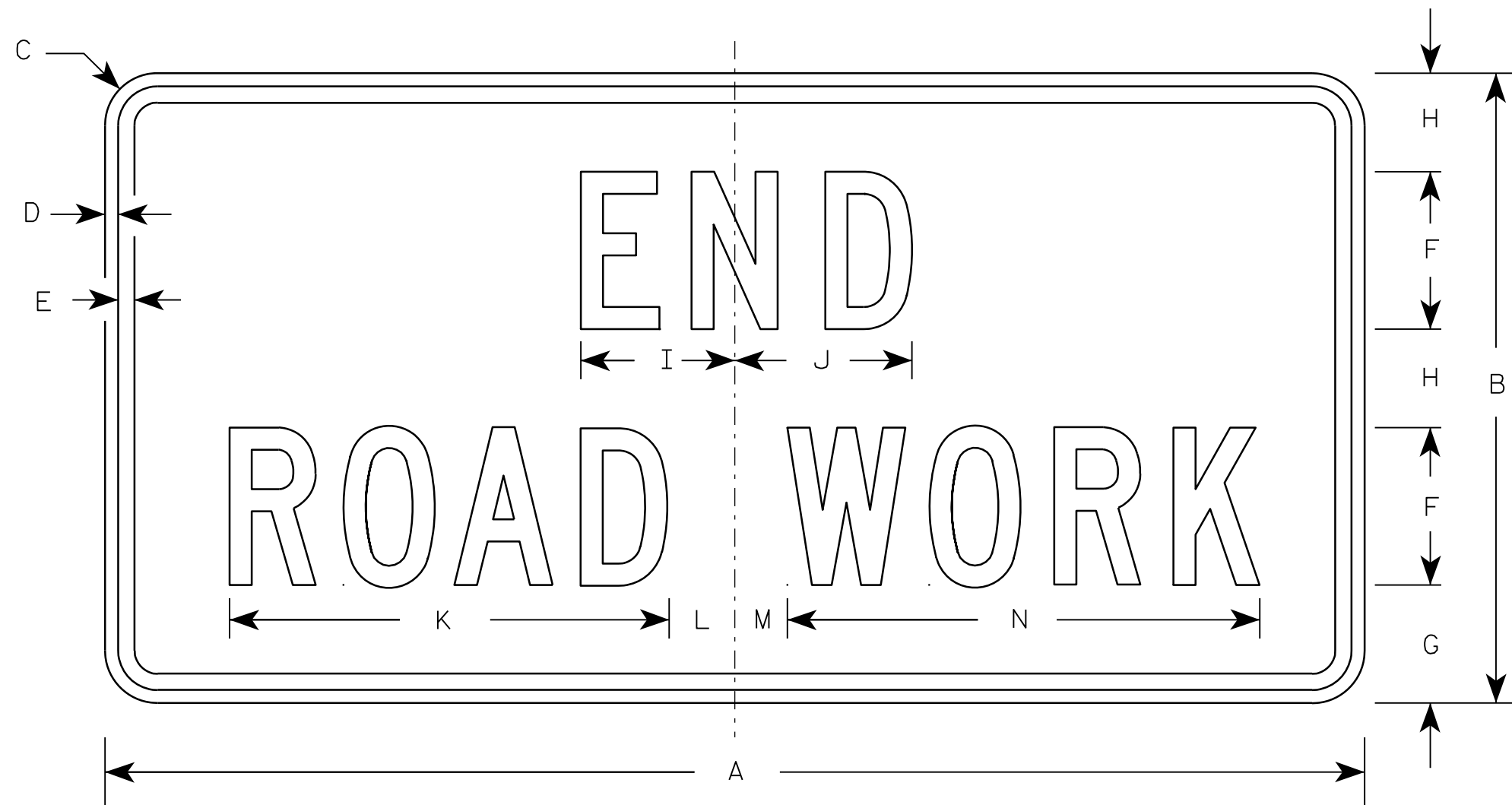
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
3																												
4	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
5																												

STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chris J. Spay
State Traffic Engineer
DATE 4/8/97 PLATE NO. G20-1.7

7



G20-2A

NOTES

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	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	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 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

STANDARD SIGN

G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

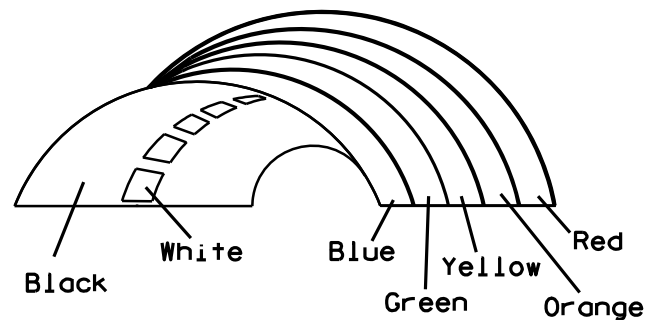
DATE 9/30/09 PLATE NO. G20-2A.8

7



* VARIES

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

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 - (See Note 5)
3. Message Series - (See Note 6)
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. Border - Blue
Line 1 - Red
Line 2 - Black
Line 3-5 - Blue
6. Line 1 - Dutch 8011L
Line 2 - Series E
Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

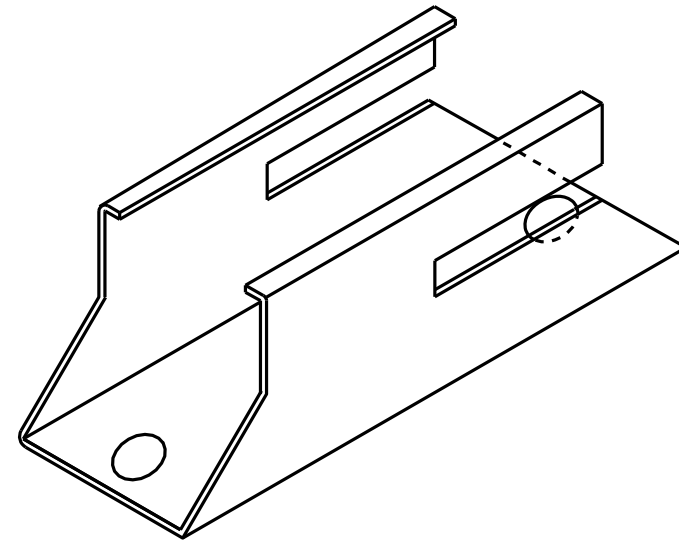
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

PROJECT NO:	HWY:	COUNTY:	SHEET NO:
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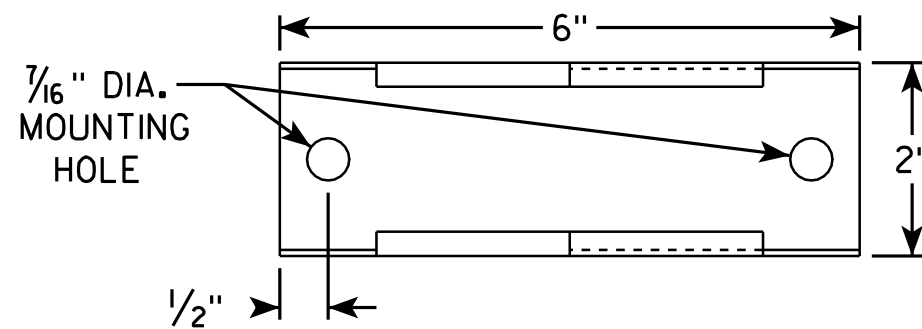
STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
For State Traffic Engineer
DATE 4/27/11 PLATE NO. I55-56.3

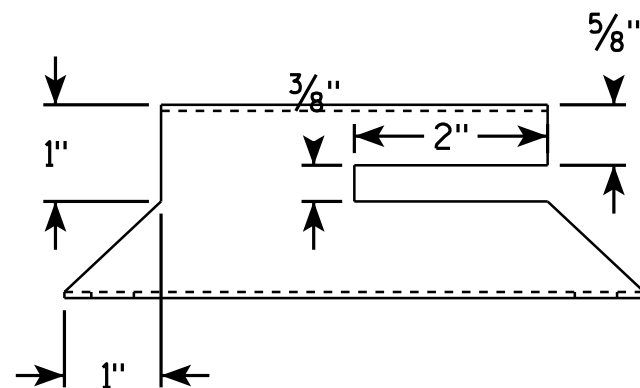
ISOMETRIC VIEW



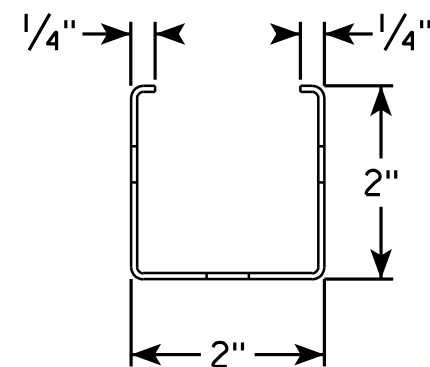
TOP VIEW



SIDE VIEW



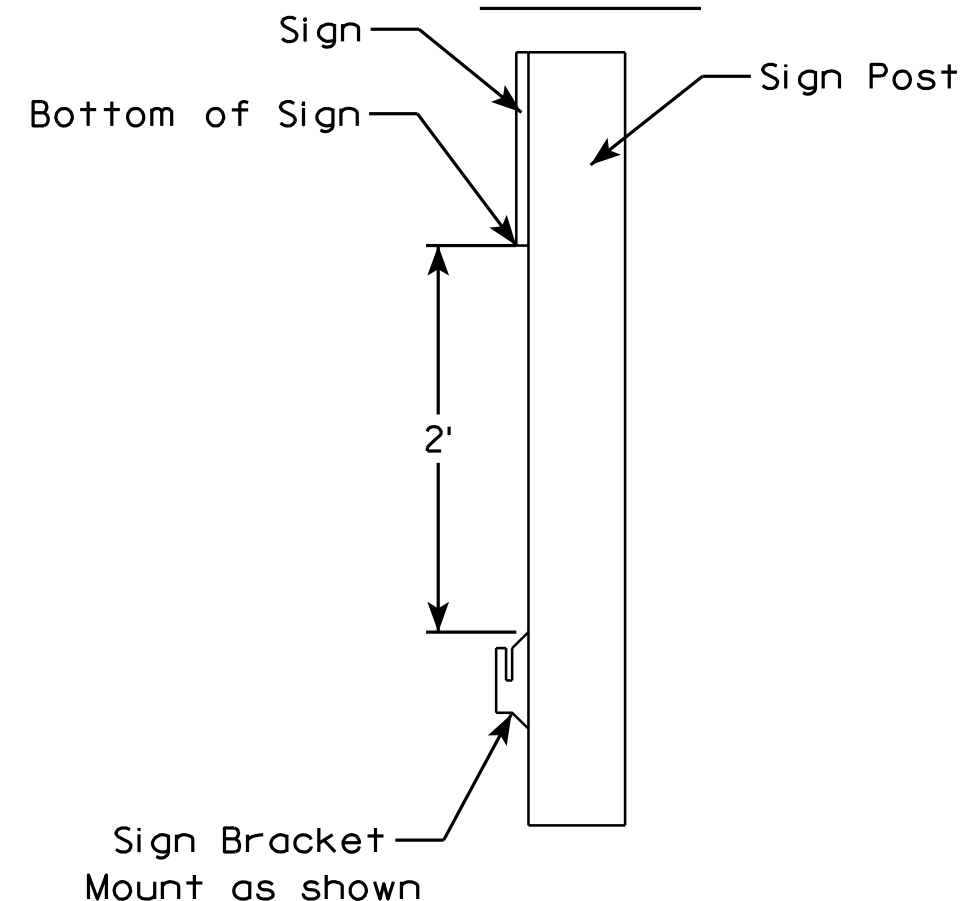
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/5/10 PLATE NO. I55-56B.1

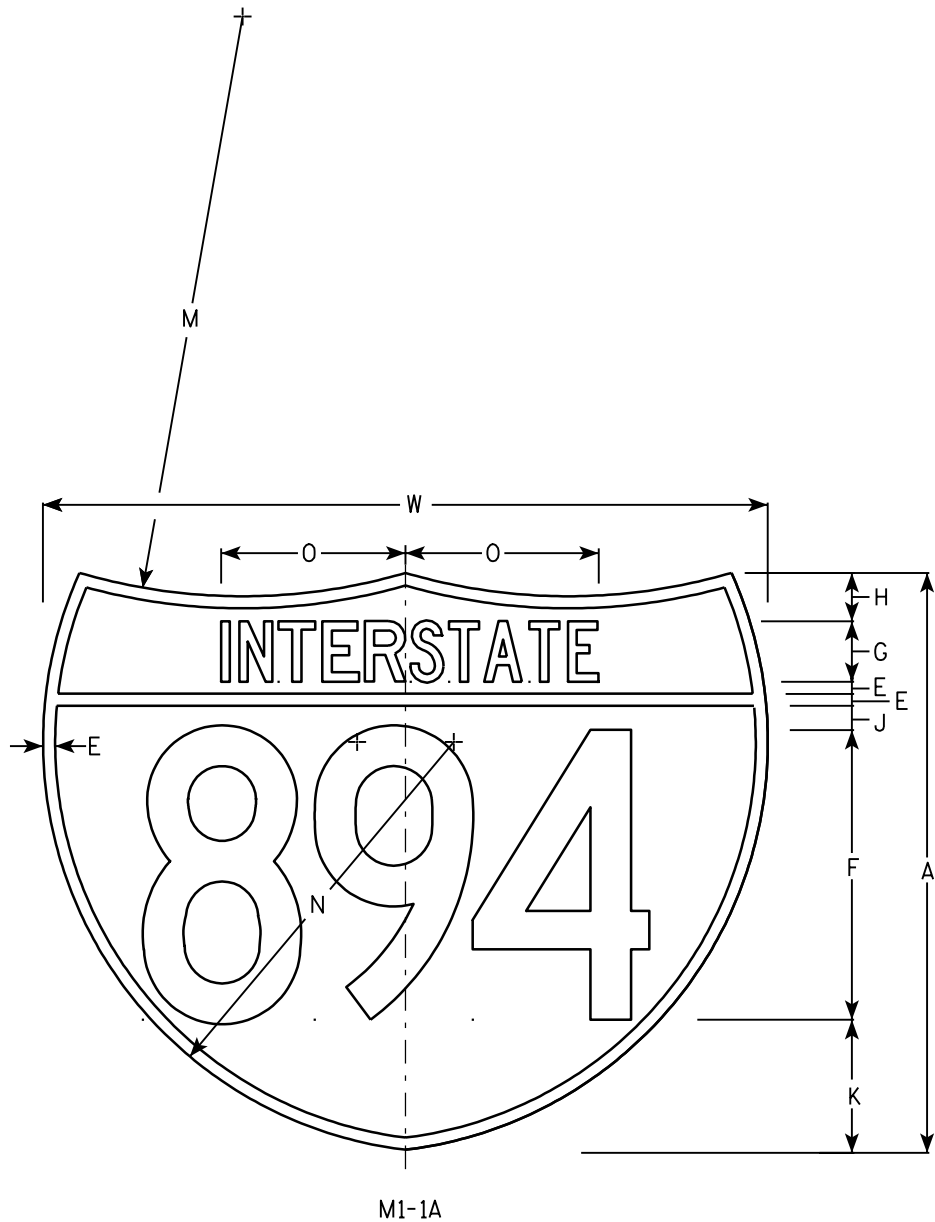
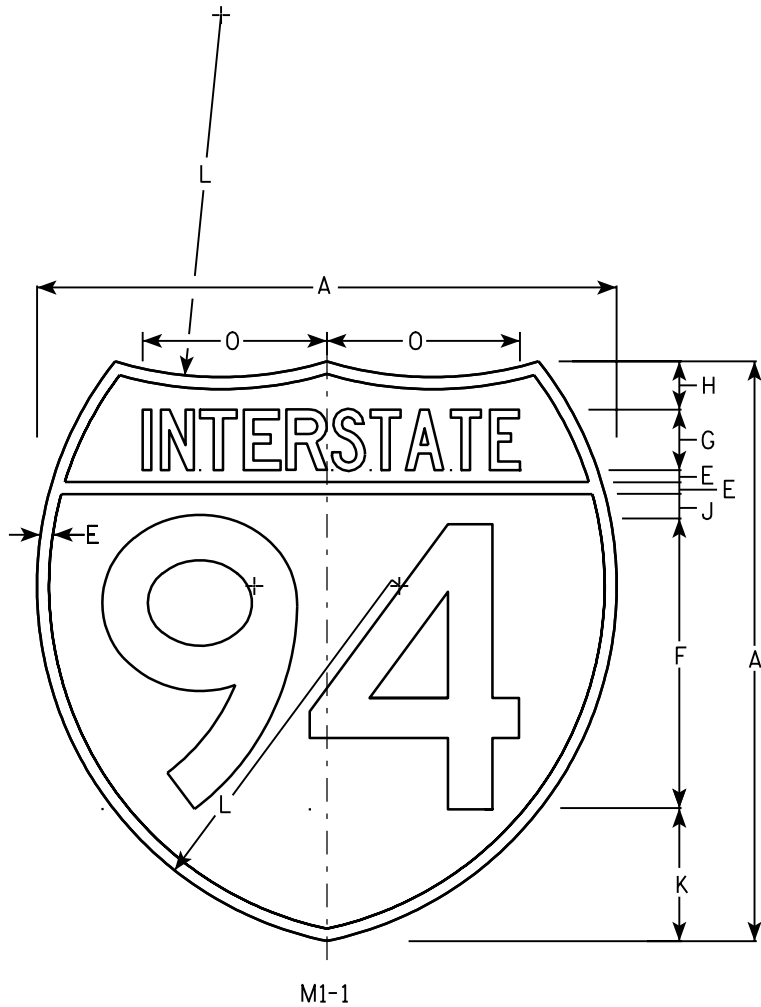
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

- 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 & adjust 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

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Area sq. ft.	Area sq. ft.	Area m ²	Area m ²
1																													
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91	.36	.46
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79	.81	1.05
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								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 3/4								45			7.03	8.79	.81	1.05

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

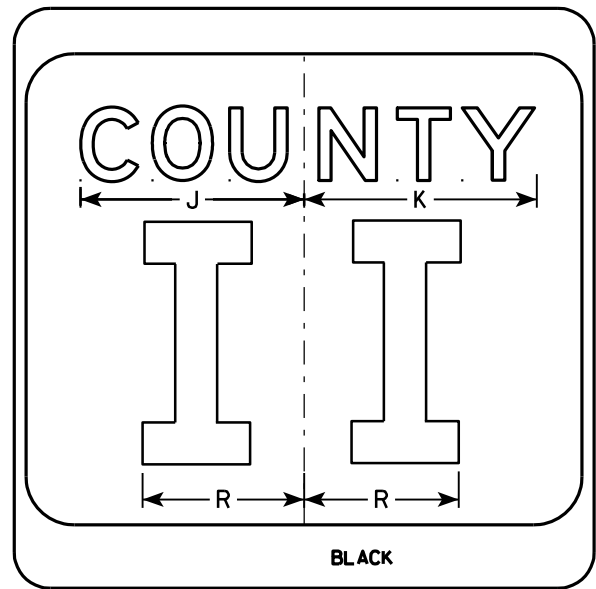
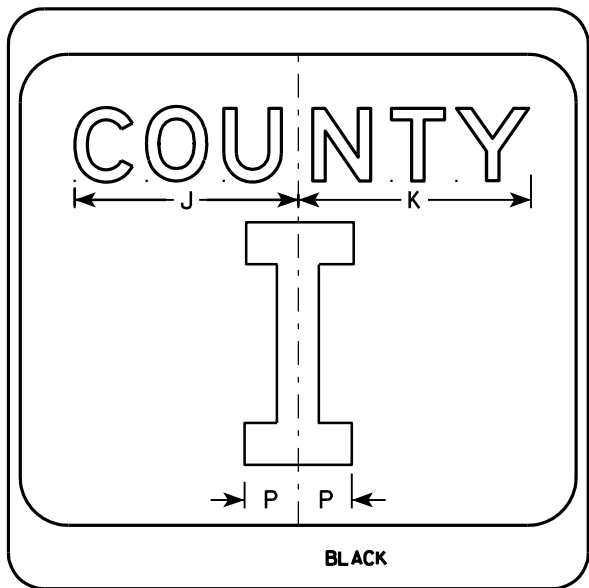
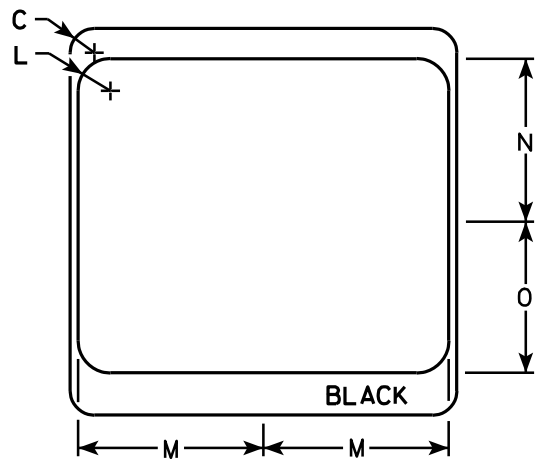
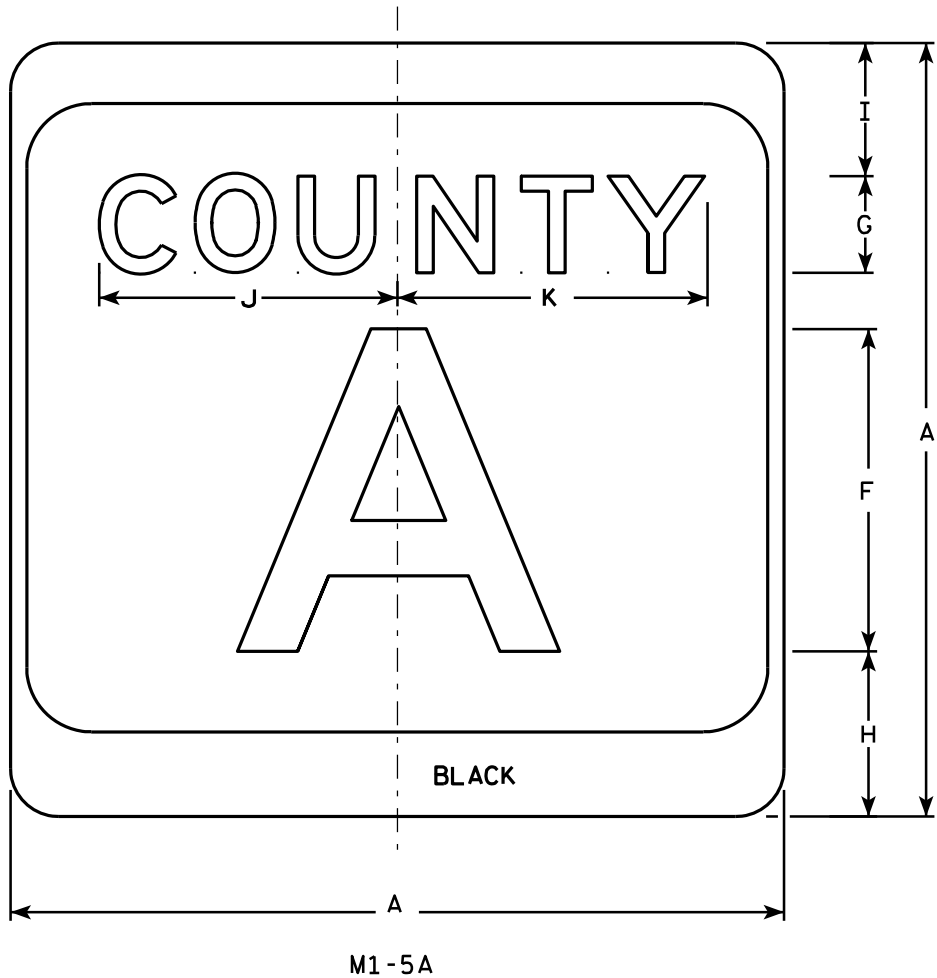
INTERSTATE ROUTE MARKER
M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 08/23/05 PLATE NO. M1-1.8

7



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White & Black - See Note 7
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. Message Series E for 1 letter.
Message Series D for 2 letters unless message is too big then Series C.
Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
Background - Type H Reflective
Detour or temporary Signs
Background - Reflective

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

CTH MARKER

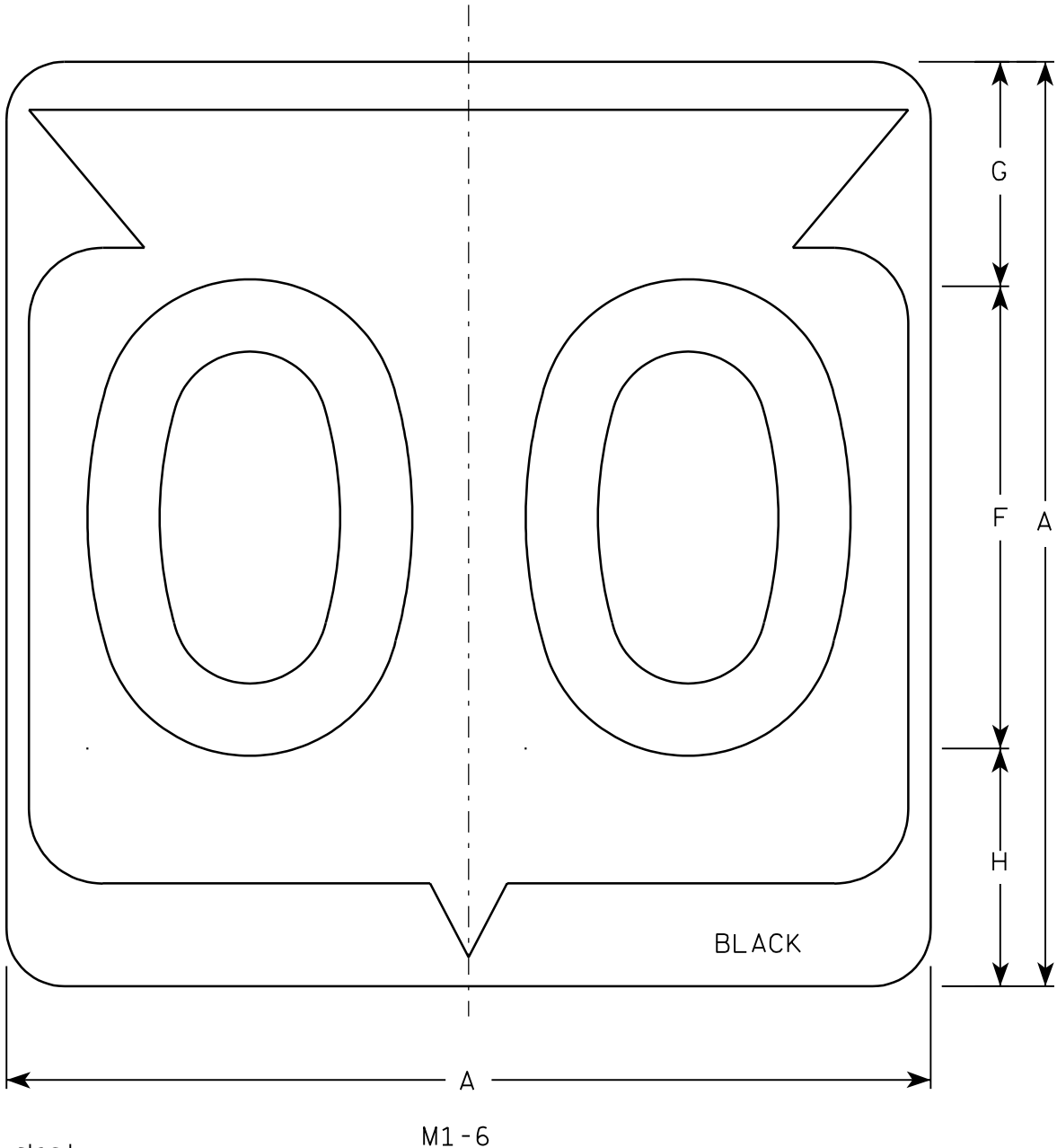
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

7



Metric equivalent
for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0	.36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0	.81

PROJECT NO:

HWY:

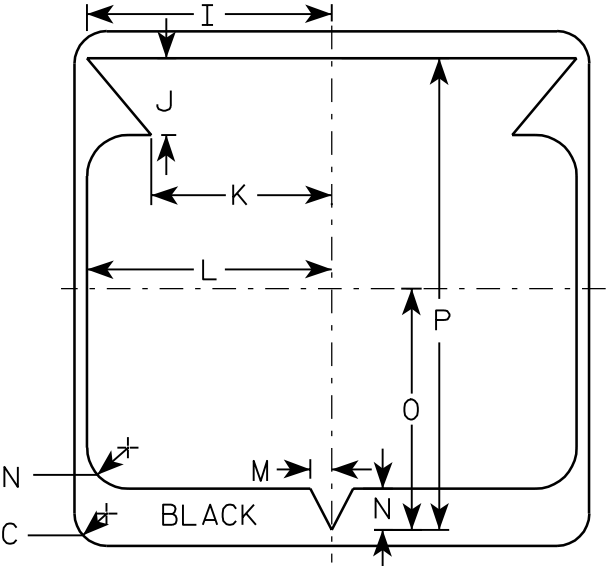
COUNTY:

SHEET NO:

E

NOTES

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



STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

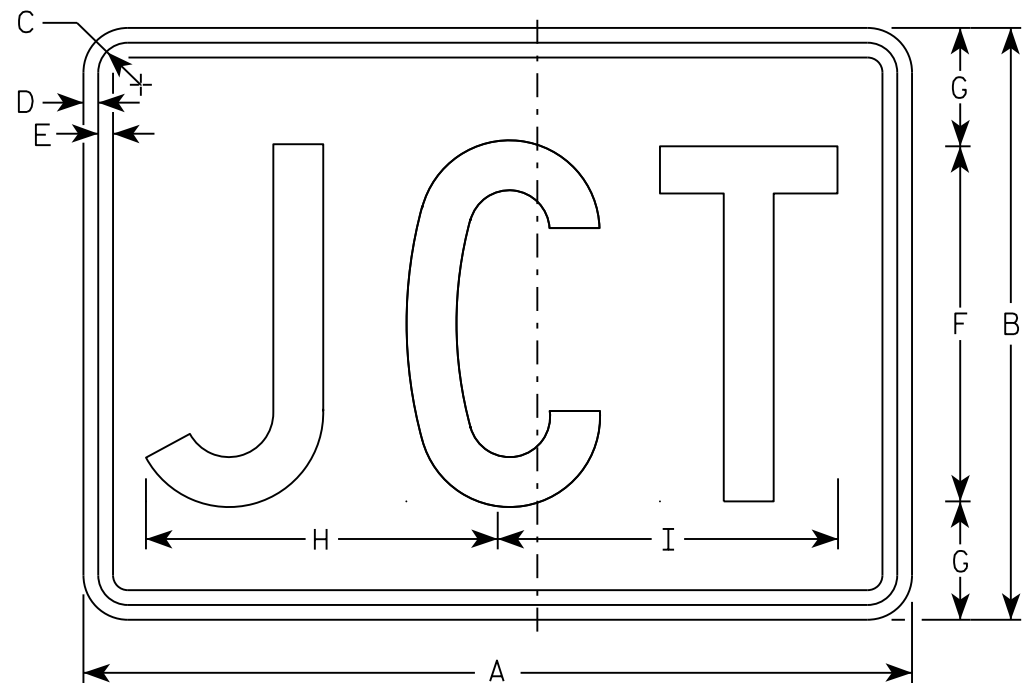
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

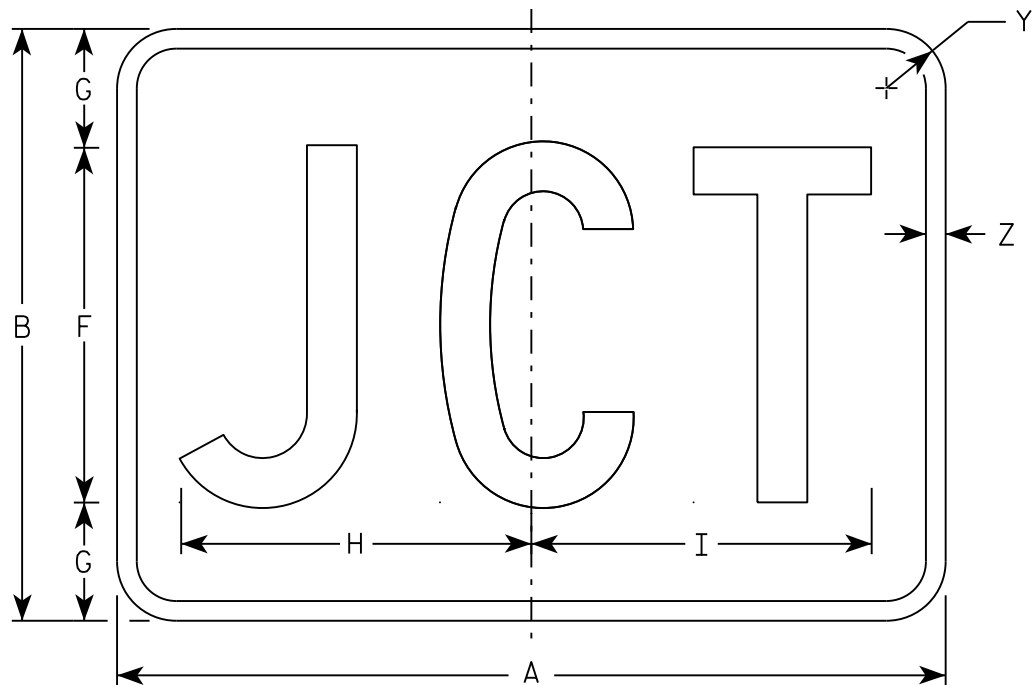
Chester J. Spang
for State Traffic Engineer

DATE 3/20/02

PLATE NO. M1-6.9



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

- 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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

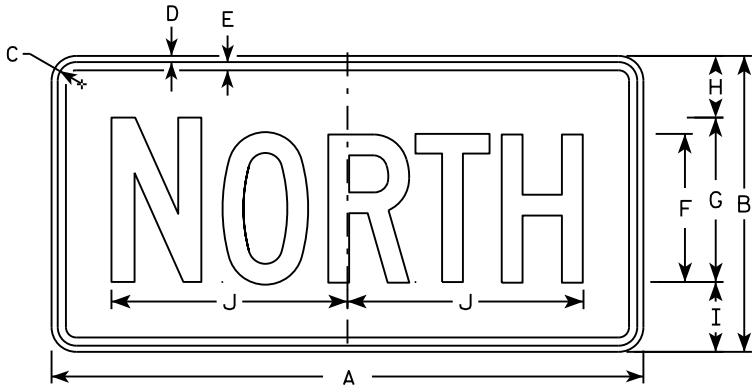
APPROVED

Matthew R. Rauch

For State Traffic Engineer

DATE 10/15/15

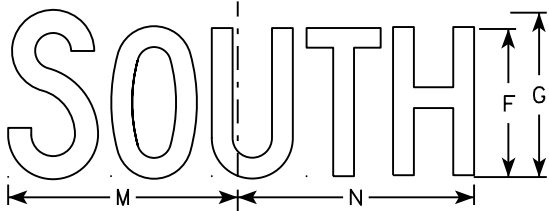
PLATE NO. M2-1.12



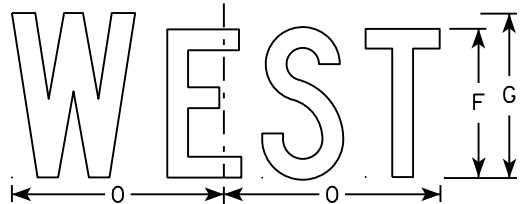
M3-1
MM3-1
MP3-1



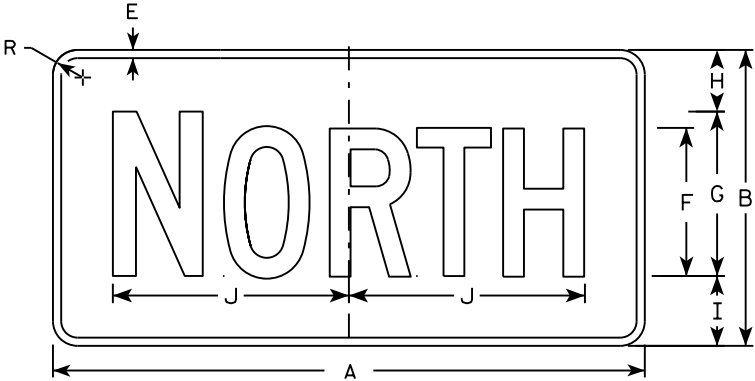
M3-2
MM3-2
MP3-2



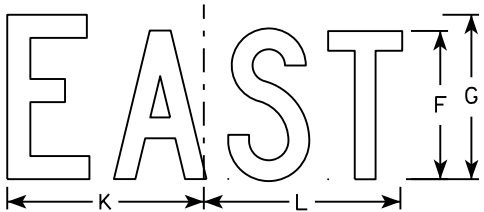
M3-3
MM3-3
MP3-3



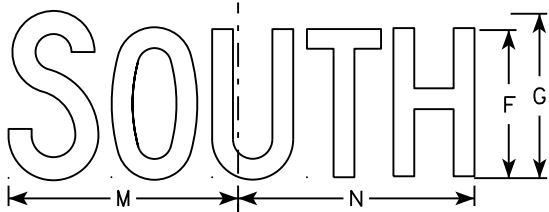
M3-4
MM3-4
MP3-4



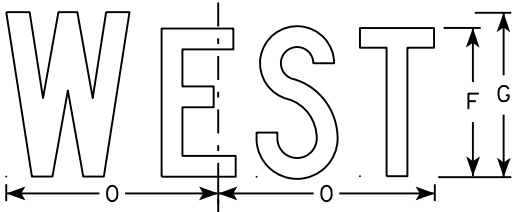
MB3-1
MK3-1
MN3-1



MB3-2
MK3-2
MN3-2



MB3-3
MK3-3
MN3-3



MB3-4
MK3-4
MN3-4

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.

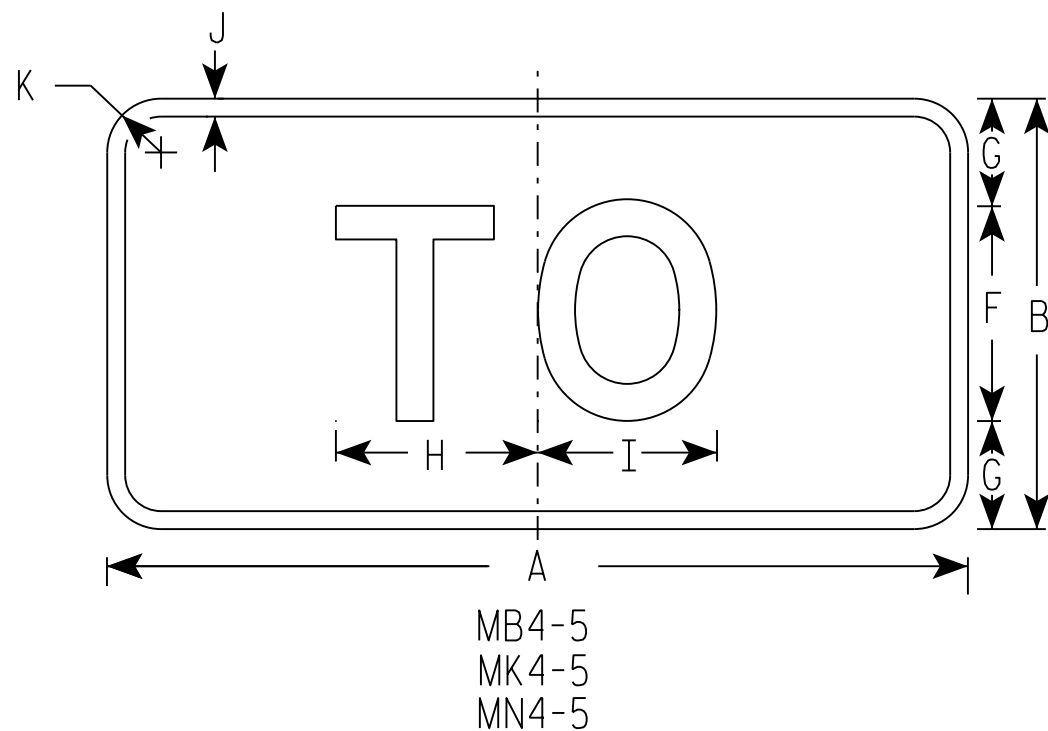
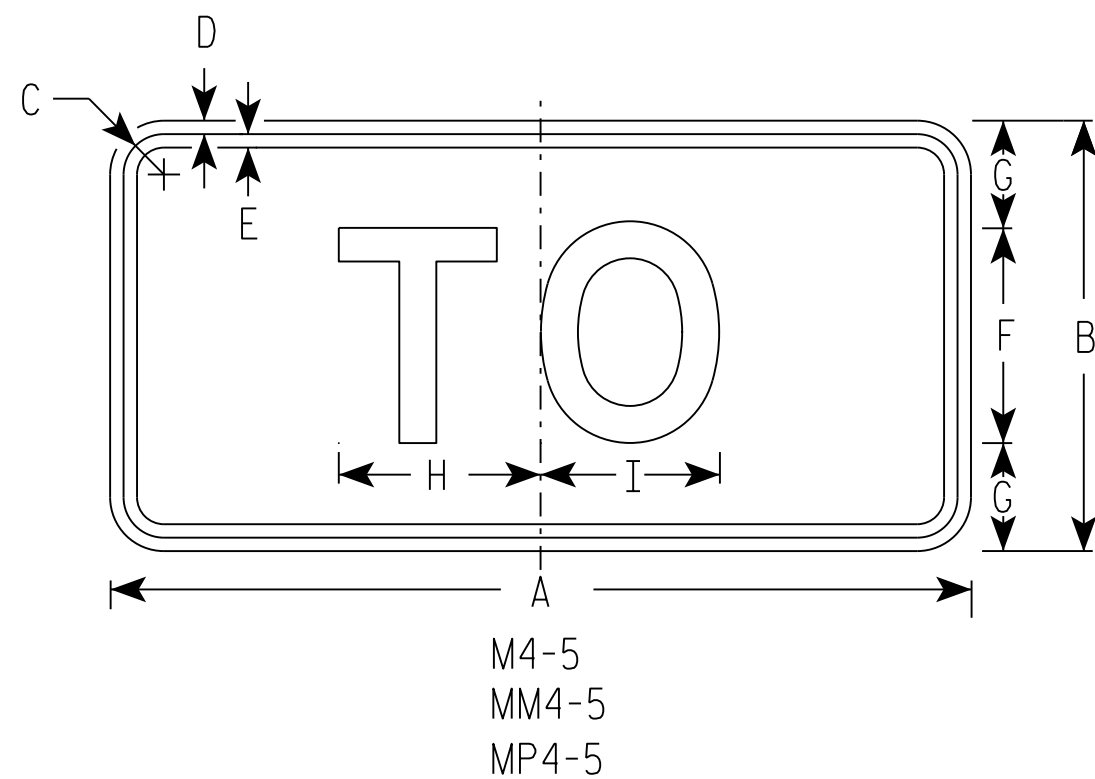
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	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

STANDARD SIGNS
M3-1 thru M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

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



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

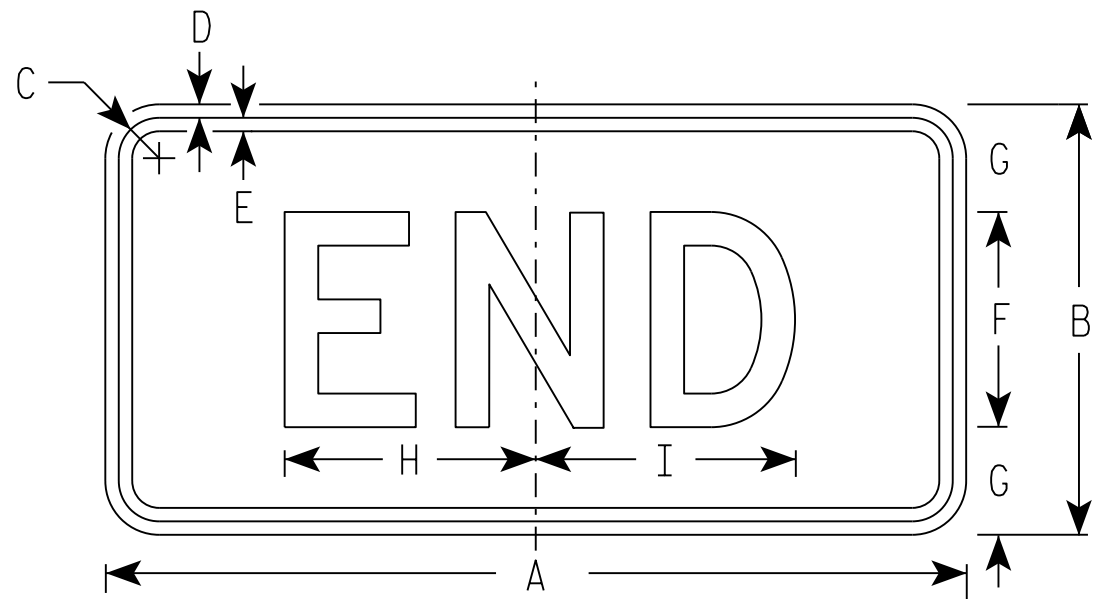
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																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

STANDARD SIGN M4-5

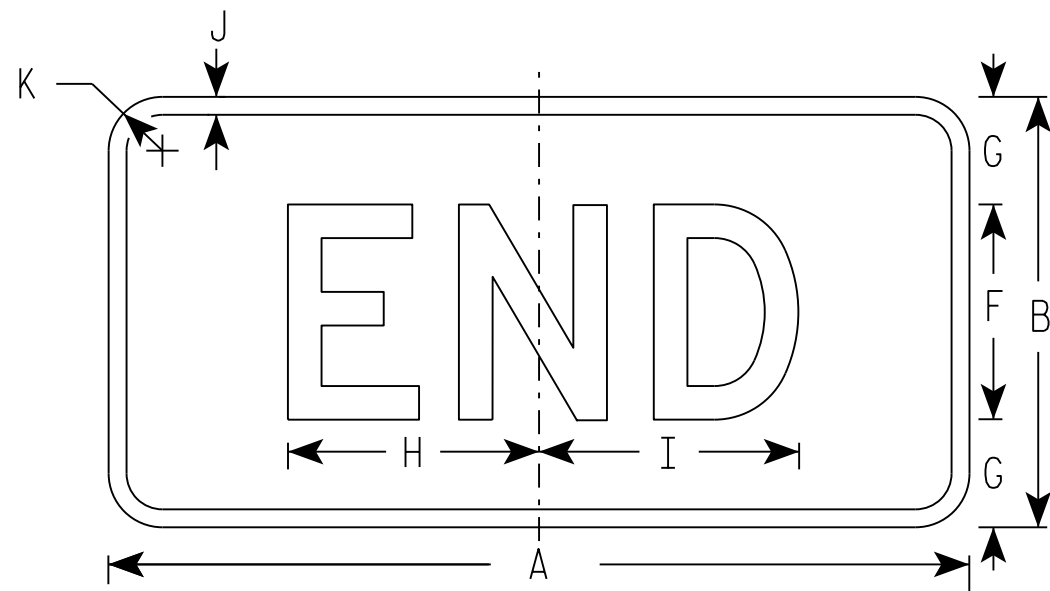
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M4-5.8



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

- Sign is Type II - Type H
- Color:
Background - See note 5
Message - See note 5
- Message Series - D
- 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.
- M4-6 Background - White
Message - Black
MB4-6 Background - Blue
Message - White
MK4-6 Background - Green
Message - White
MM4-6 Background - White
Message - Green
MN4-6 Background - Brown
Message - White
MP4-6 Background - White
Message - Blue
MR4-6 Background - Brown
Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

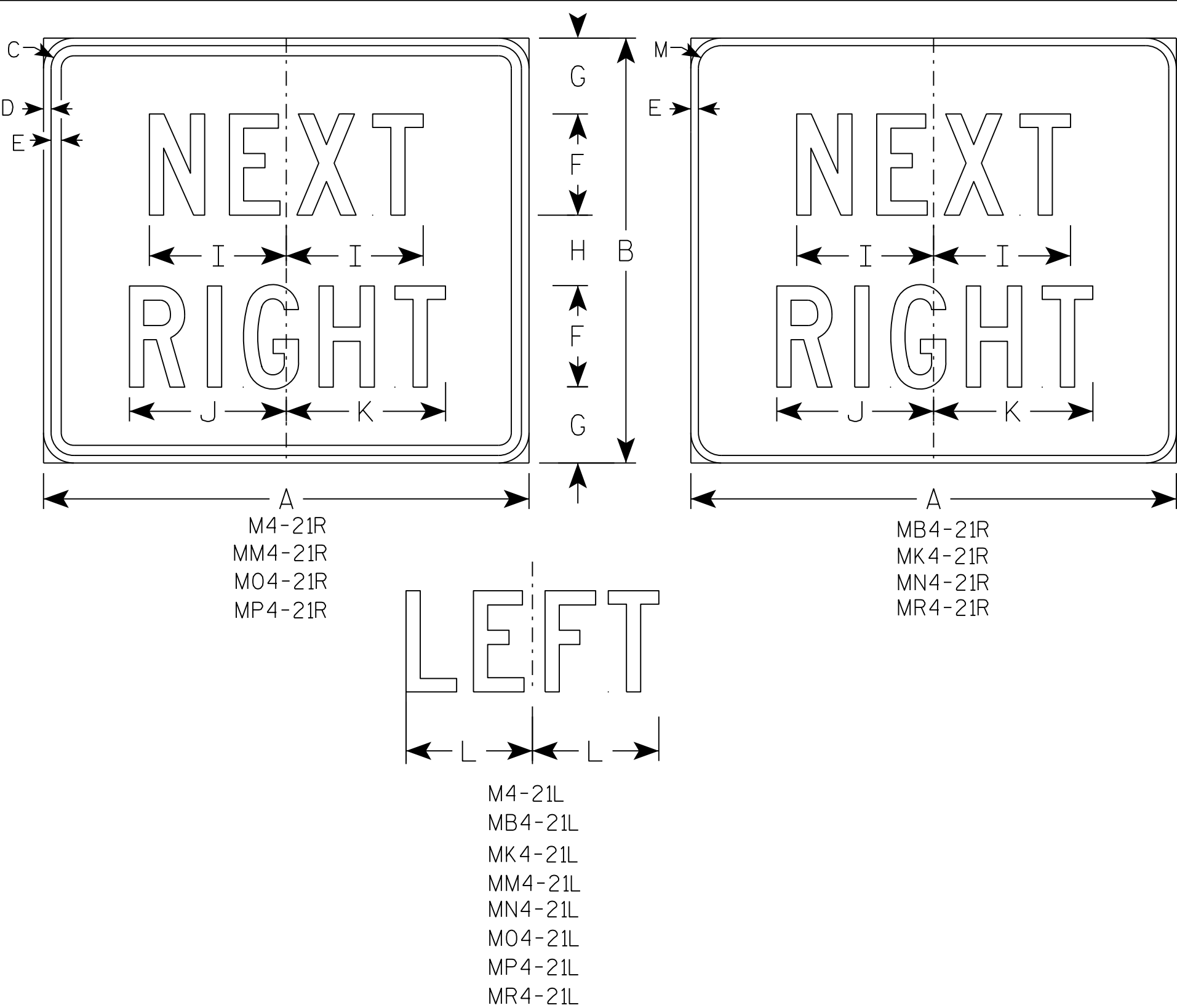
E

STANDARD SIGN
M4-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M4-7.9



NOTES

1. Sign is Type II - Type H except as Shown
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. M4-21 Background - White
Message - Black
MB4-21 Background - Blue
Message - White
MK4-21 Background - Green
Message - White
MM4-21 Background - White
Message - Green
MN4-21 Background - Brown
Message - White
M04-21 Background - Orange - Type F Reflective
Message - Black
MP4-21 Background - White
Message - Blue
MR4-21 Background - Brown
Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	21	1 1/8	3/8	1/2	5	3 3/4	3 1/2	6 3/4	7 3/4	7 7/8	6 1/4	1 1/2														3.5
3	36	30	1 5/8	5/8	3/4	8	4 3/4	4 1/2	10 7/8	12 5/8	12 1/2	10 1/8	1 7/8														7.5
4																											
5																											

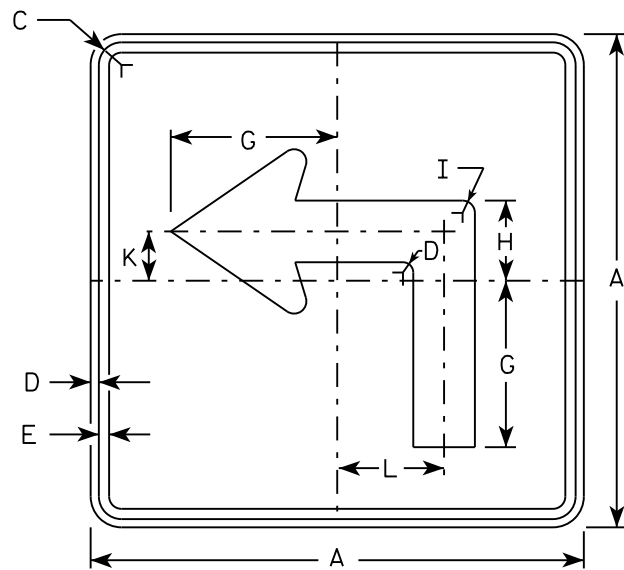
STANDARD SIGN

M4-21

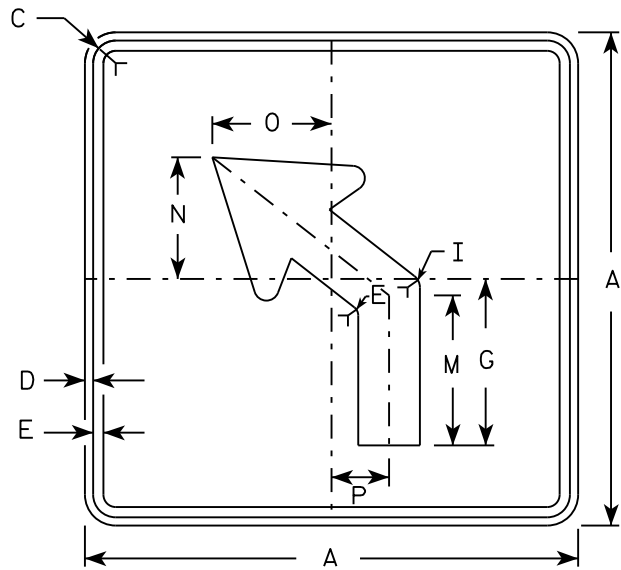
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

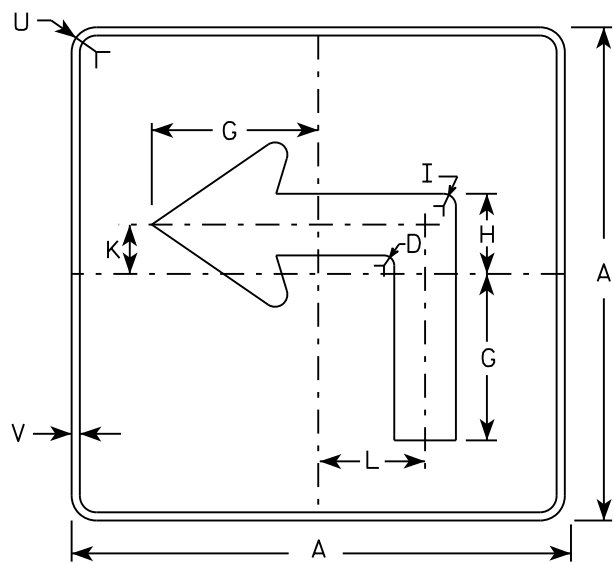
DATE 10/15/15 PLATE NO. M4-21.4



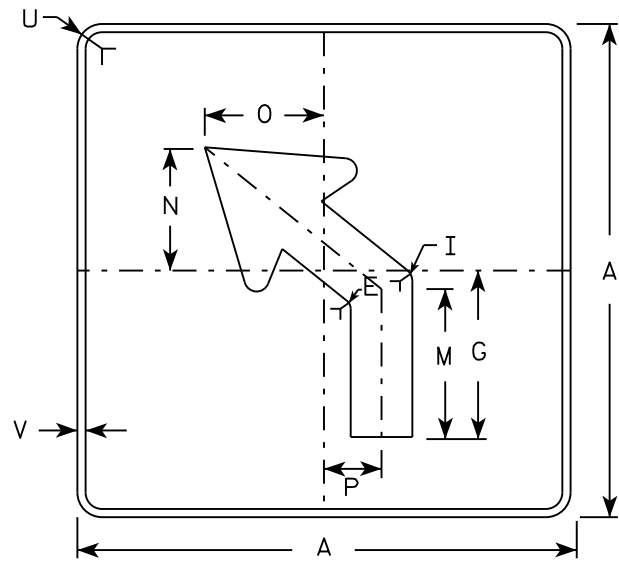
M5-1L
MM5-1L
M05-1L
MP5-1L



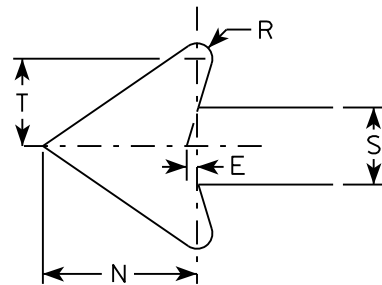
M5-2L
MM5-2L
M05-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

- Signs are Type II - Type H reflective except as shown
- Color:
Background - See note 4
Message - See note 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.
- | | |
|-----------------|---|
| M5-1 and M5-2 | Background - White |
| | Message - Black |
| MB5-1 and MB5-2 | Background - Blue |
| | Message - White |
| MK5-1 and MK5-2 | Background - Green |
| | Message - White |
| MM5-1 and MM5-2 | Background - White |
| | Message - Green |
| MN5-1 and MN5-2 | Background - Brown |
| | Message - White |
| M05-1 and M05-2 | Background - Orange - Type F Reflective |
| | Message - Black |
| MP5-1 and MP5-2 | Background - White - Type H Reflective |
| | Message - Blue |
| MR5-1 and MR5-2 | Background - Brown |
| | Message - Yellow |
- M5-1R same as M5-1L except arrow points right.
- M5-2R same as M5-2L except arrow tilts right.

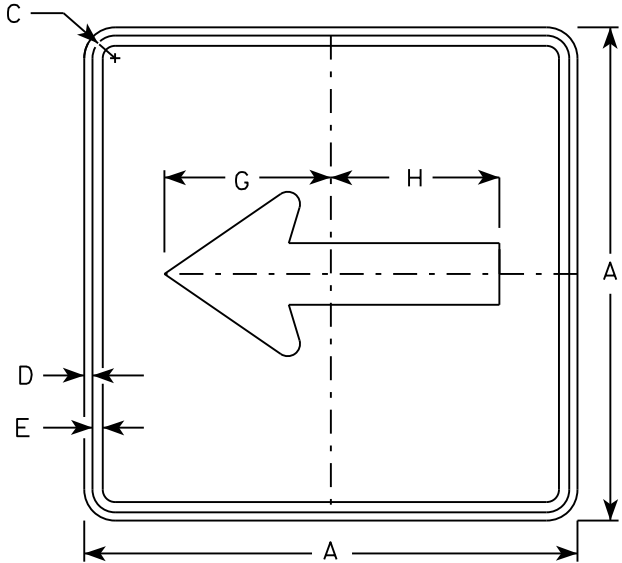
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

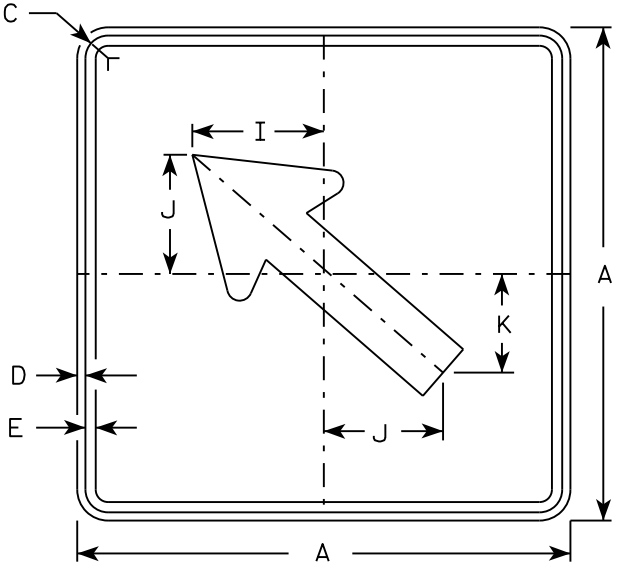
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

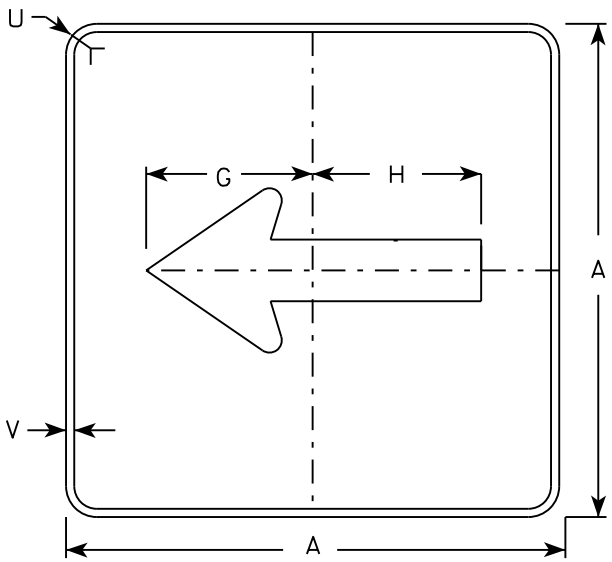
DATE 10/15/15 PLATE NO. M5-1.13



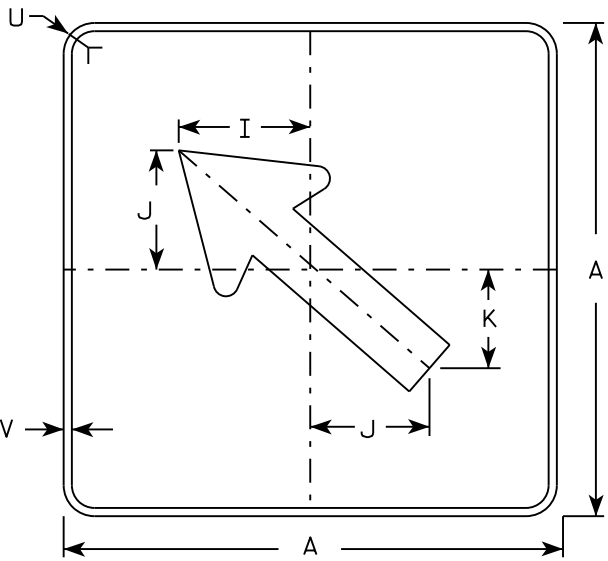
M6 - 1
MM6 - 1
M06 - 1
MP6 - 1



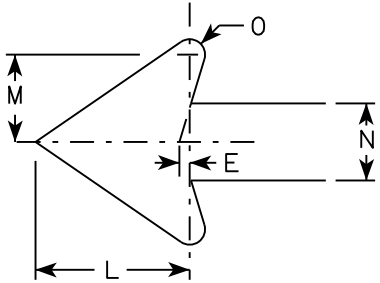
M6 - 2
MM6 - 2
M06 - 2
MP6 - 2



MB6 - 1
MK6 - 1
MN6 - 1
MR6 - 1



MB6 - 2
MK6 - 2
MN6 - 2
MR6 - 2



NOTES

- Signs are Type II - Type H except as Shown
- Color:
Background - See note 4
Message - See note 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.
- 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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	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 7/8	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 7/8	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 7/8	1/2					6.25

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

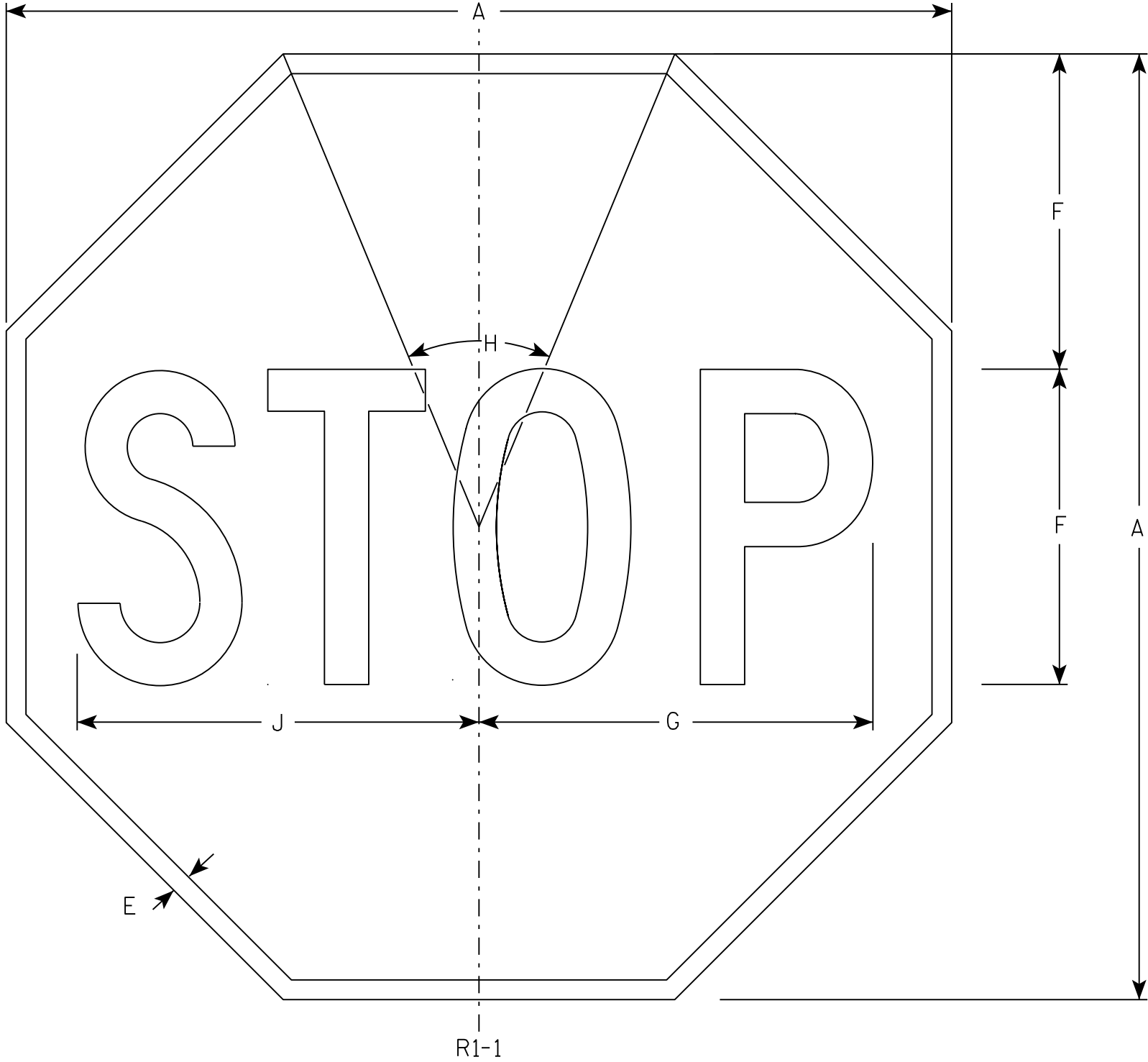
E

STANDARD SIGN
M6 - 1 & M6 - 2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

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



NOTES

- 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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	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

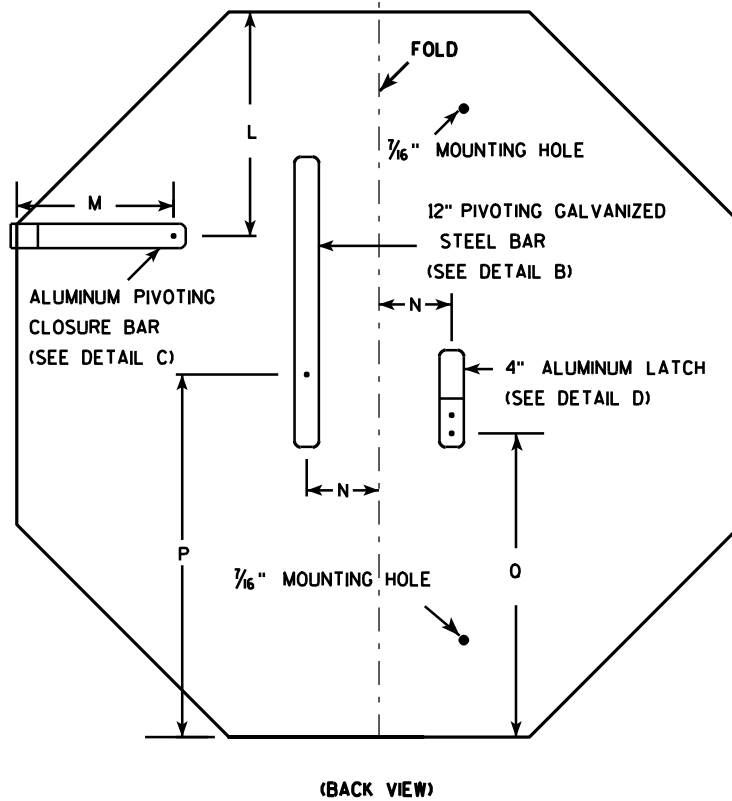
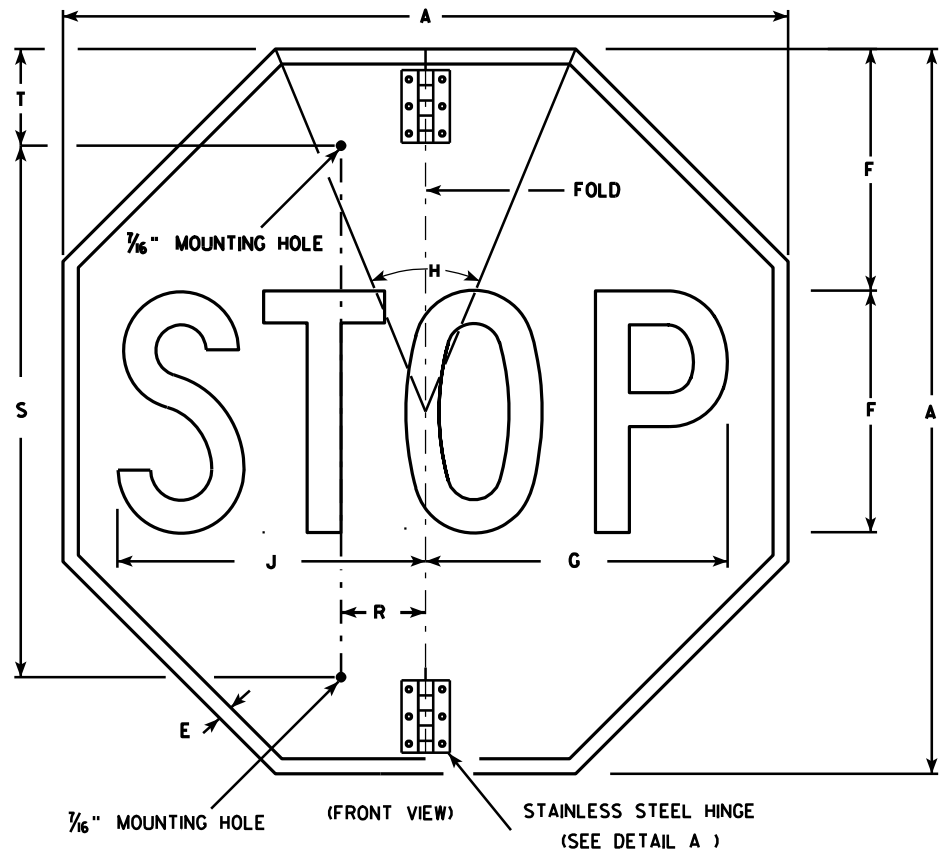
STANDARD SIGN

R1-1

WISCONSIN DEPT OF TRANSPORTATION

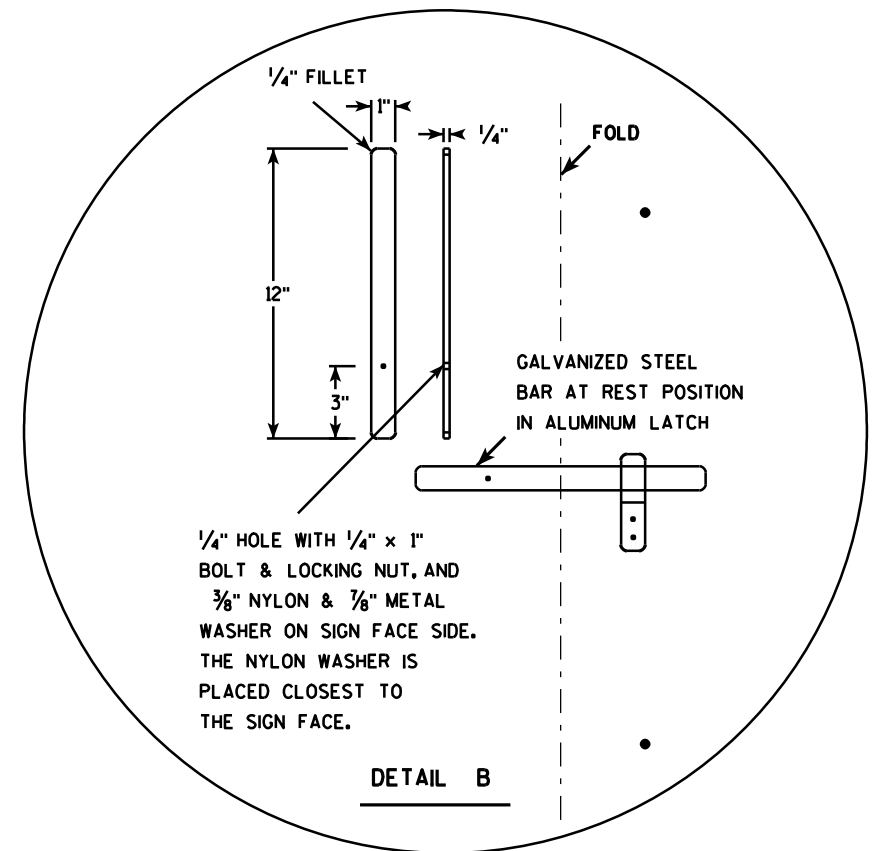
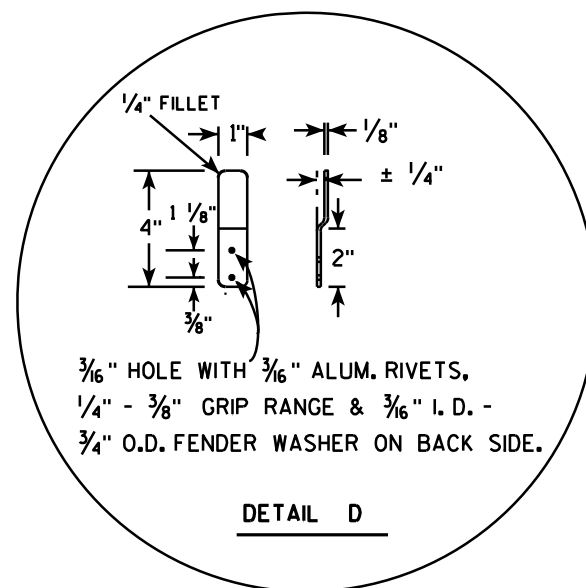
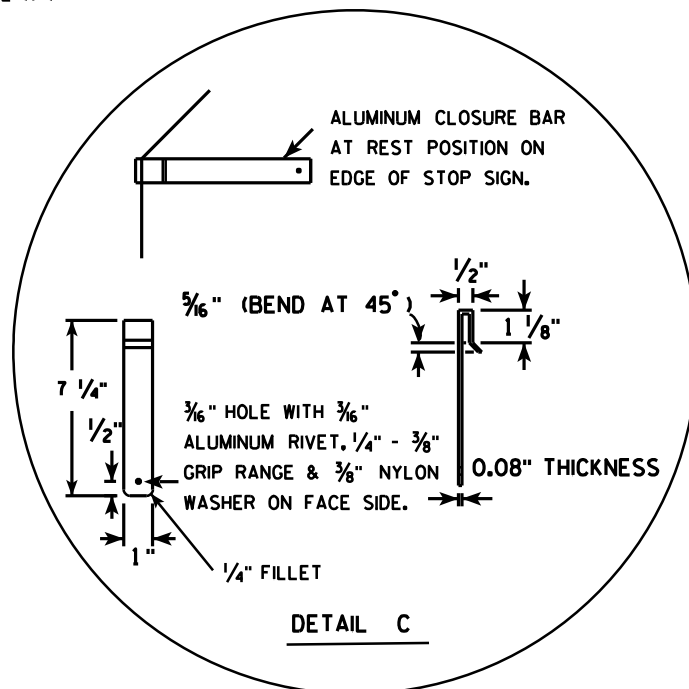
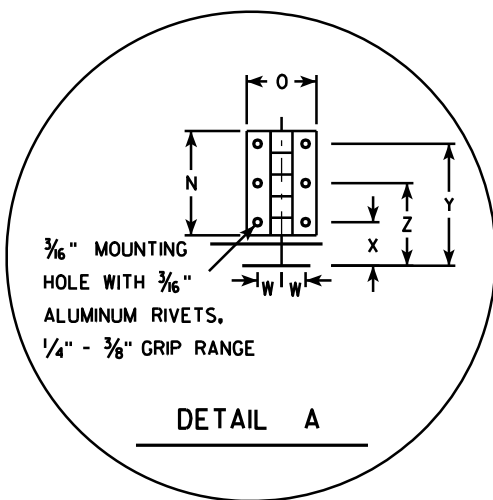
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13



NOTES

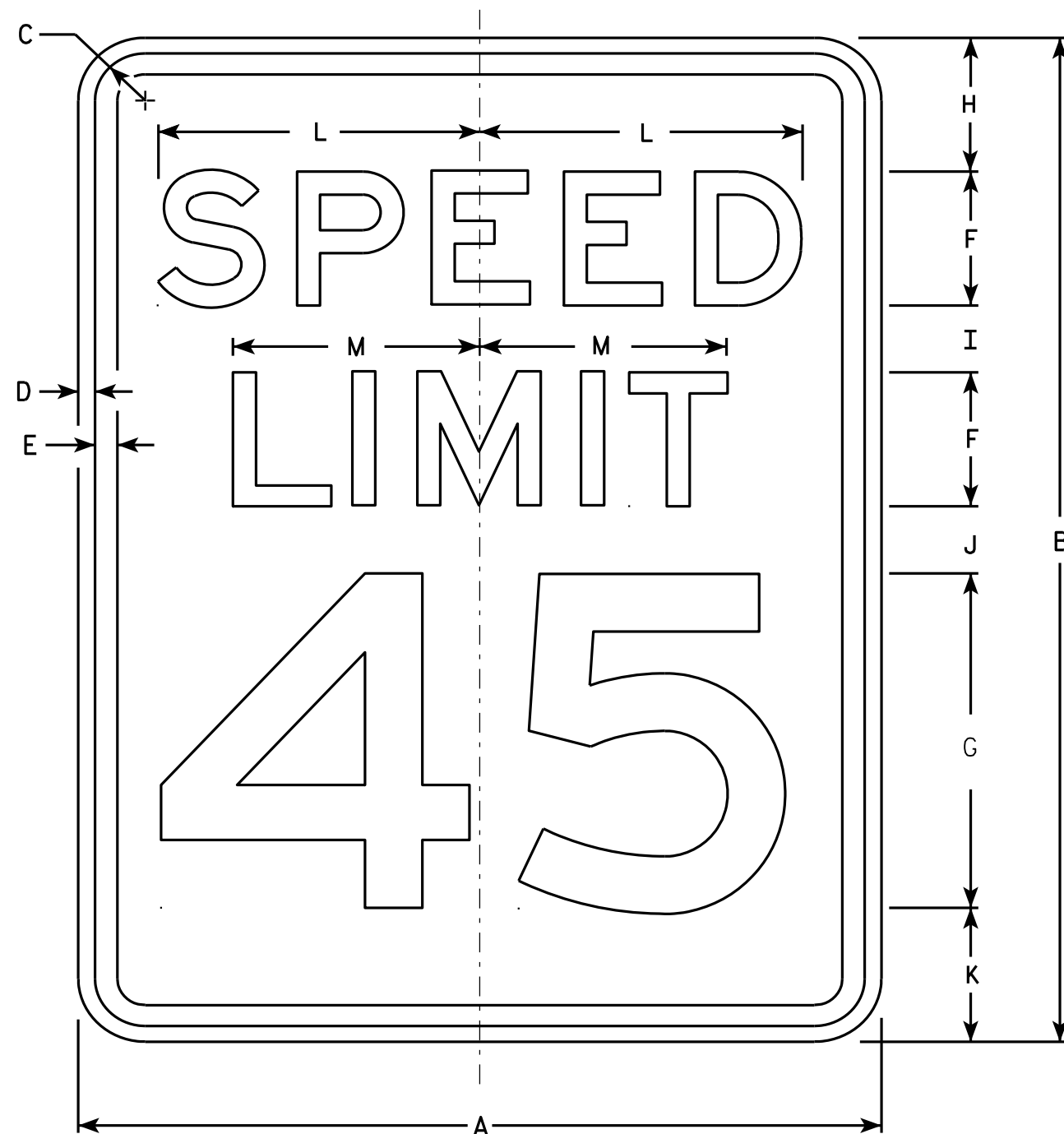
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Red
Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				$\frac{5}{8}$	10	12 $\frac{1}{2}$	45		12 $\frac{3}{4}$		9 $\frac{1}{4}$	6 $\frac{1}{2}$	3	2	15	12 $\frac{3}{8}$	2 $\frac{1}{2}$	22	5			$\frac{1}{16}$	1 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{8}$	5.18
2M	36				$\frac{3}{4}$	12	15	45		15 $\frac{3}{8}$		11	6 $\frac{1}{2}$	3	2	18	15 $\frac{3}{8}$	2 $\frac{1}{2}$	26	5			$\frac{1}{16}$	1 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{8}$	7.46
3	36				$\frac{3}{4}$	12	15	45		15 $\frac{3}{8}$		11	6 $\frac{1}{2}$	3	2	18	15 $\frac{3}{8}$	2 $\frac{1}{2}$	26	5			$\frac{1}{16}$	1 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{3}{8}$	7.46
4																											
5																											

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN R1-1F	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 12/03/10	PLATE NO. R1-1F.3



R2-1

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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

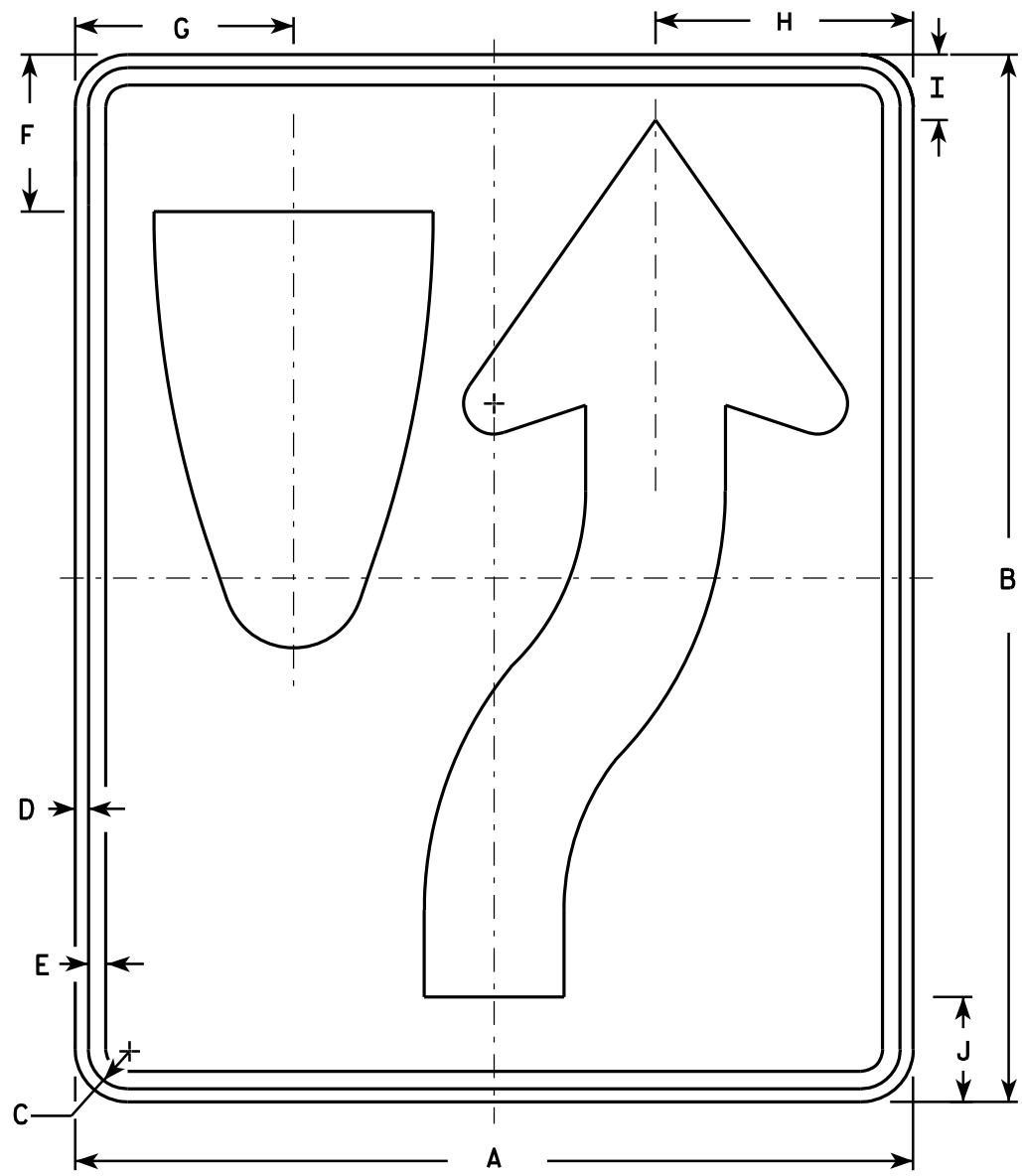
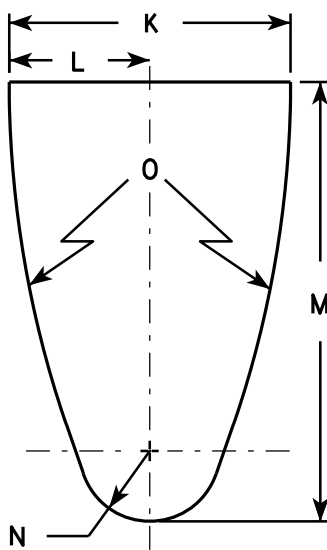
STANDARD SIGN R2-1

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
For State Traffic Engineer
DATE 5/26/10 PLATE NO. R2-1.13

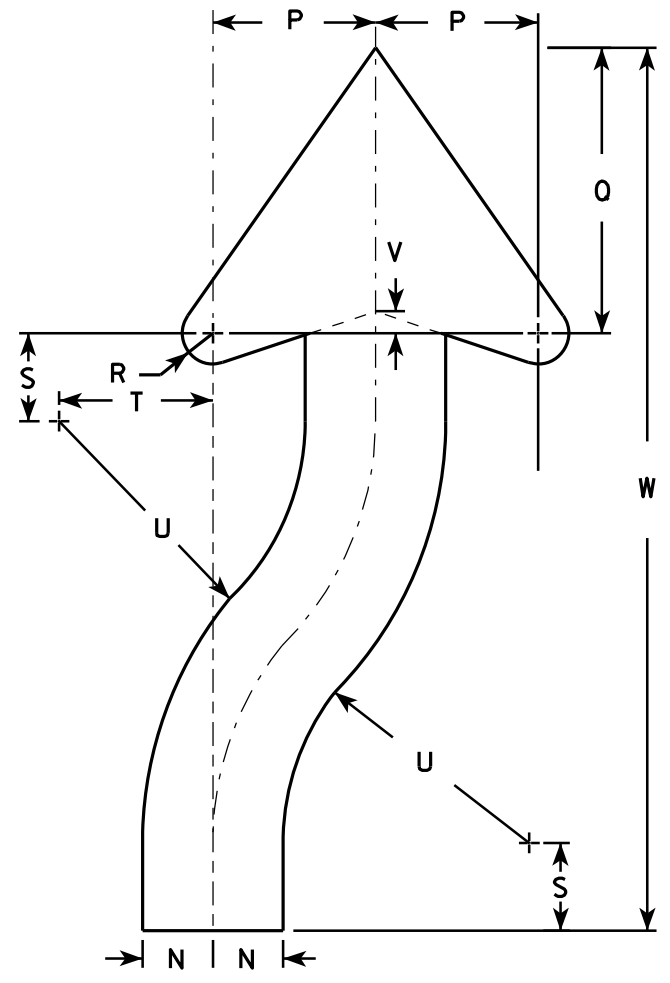
PROJECT NO: HWY: COUNTY: SHEET NO: E

NOTES

- 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.



R4-7



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	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	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	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 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	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 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
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	5	8 3/4	18	1 1/4	50 1/4				20.0

STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

PROJECT NO:

HWY:

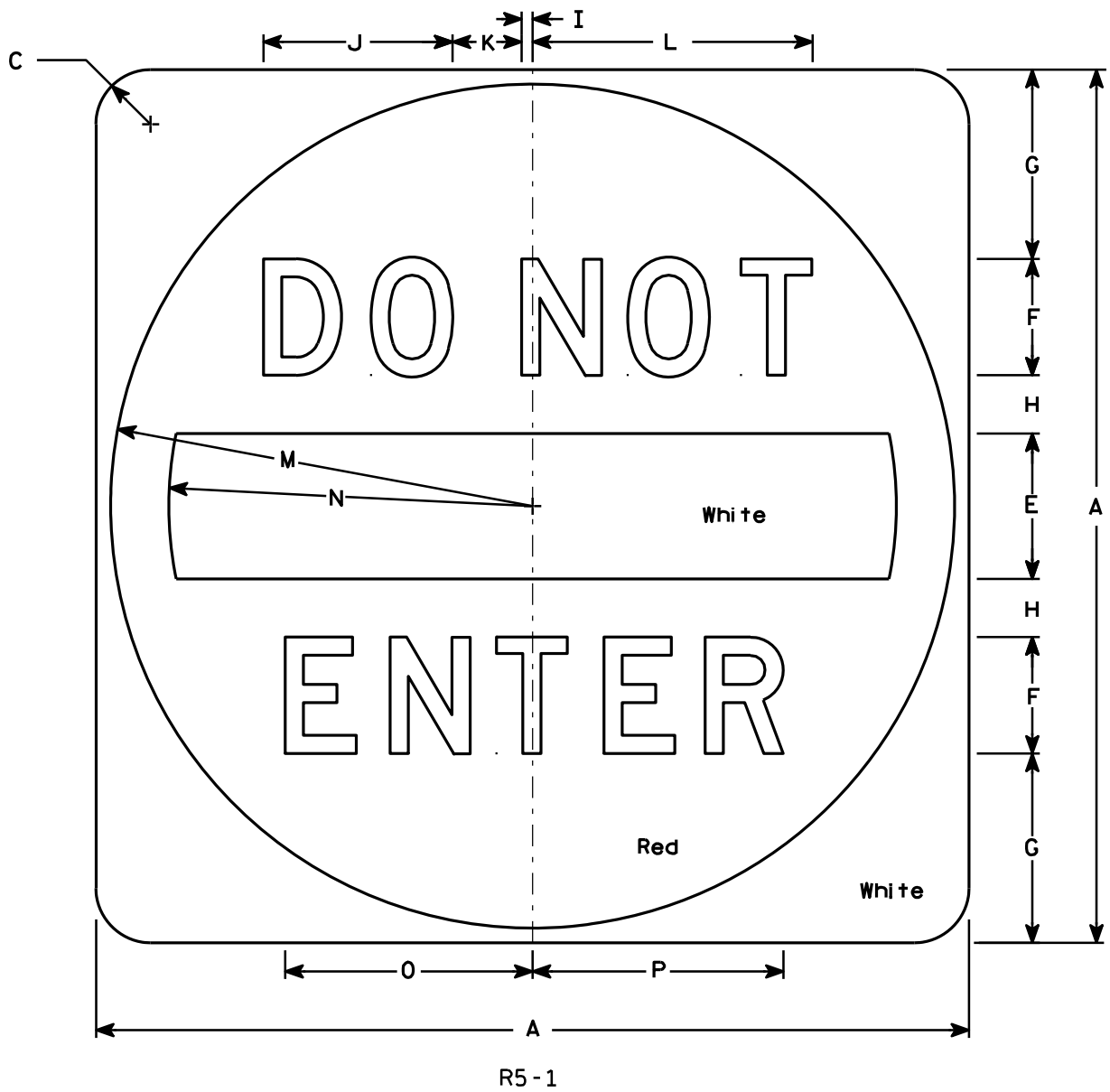
COUNTY:

SHEET NO:

E

NOTES

- 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 corners shall be rounded.



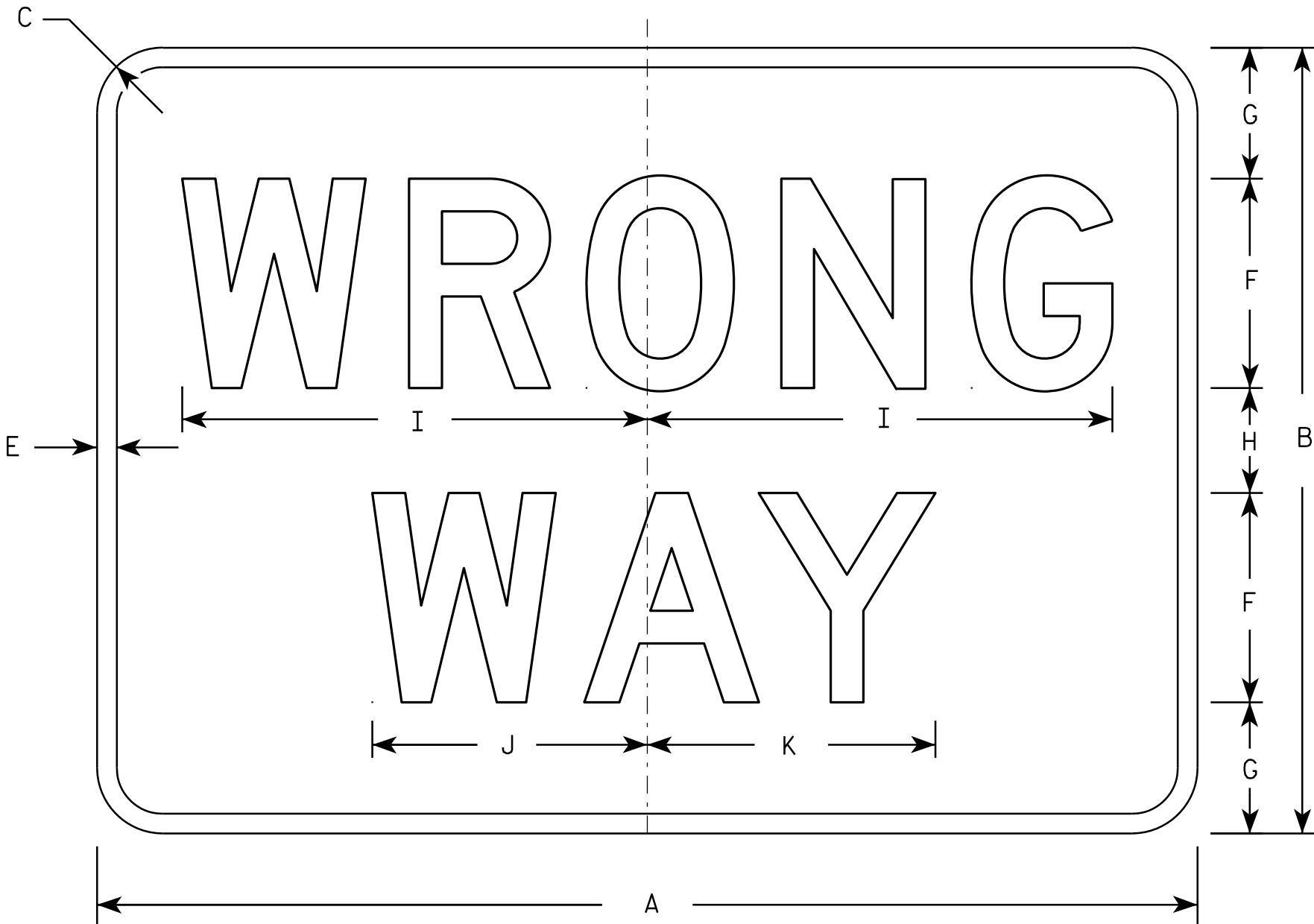
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7⁄8		5	4	6 1⁄2	2	3⁄8	6 1⁄2	2 3⁄8	9 5⁄8	14 1⁄2	12 1⁄2	8 1⁄2	8 5⁄8											6.26
2M	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
3	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	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 5⁄8	10 3⁄4											9.0
5	48		3		8	6	11	3	5⁄8	9 3⁄4	3 5⁄8	14 1⁄2	23 1⁄2	20	12 3⁄4	12 7⁄8											16.0

STANDARD SIGN
R5 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15



R5-1A

NOTES

- 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 - 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.

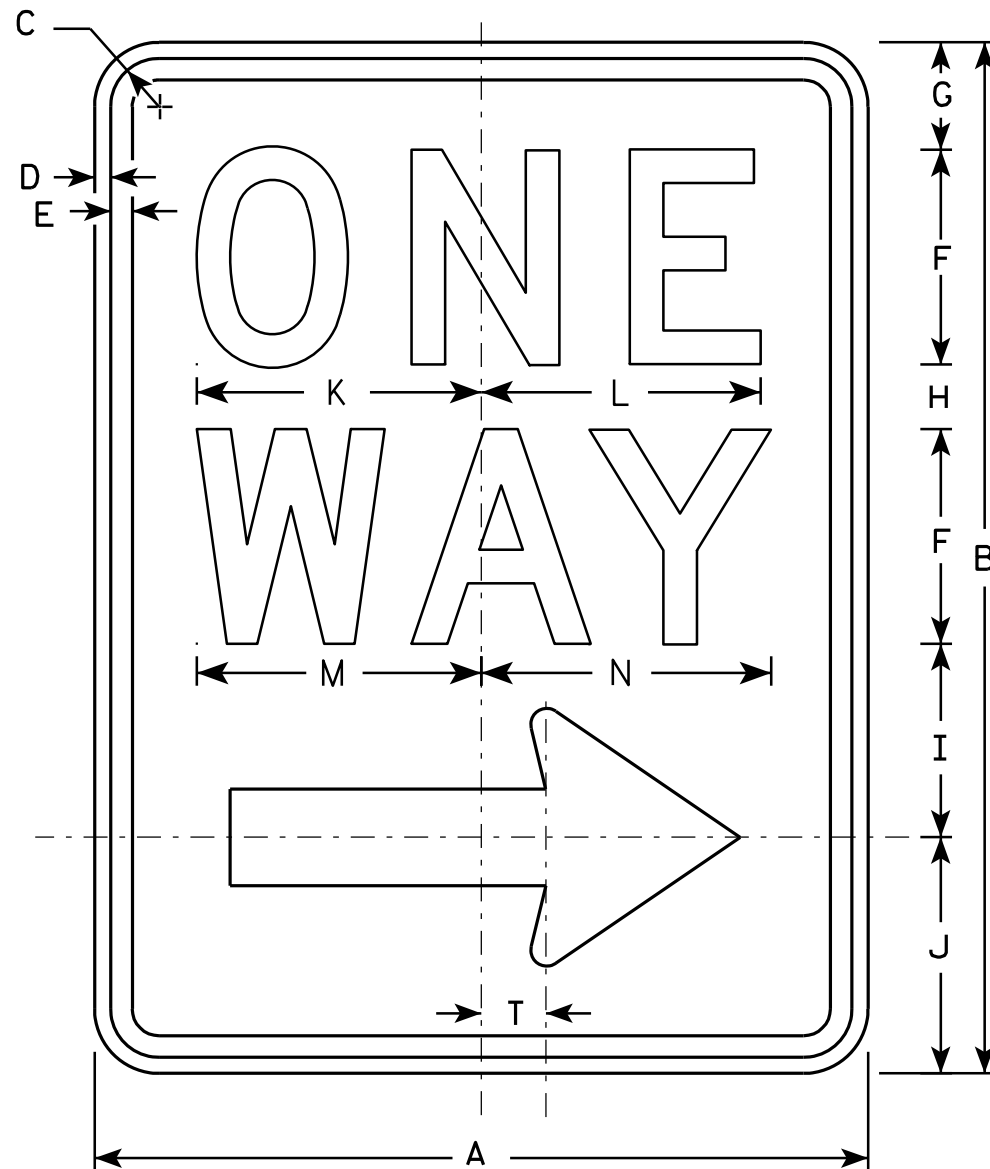
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

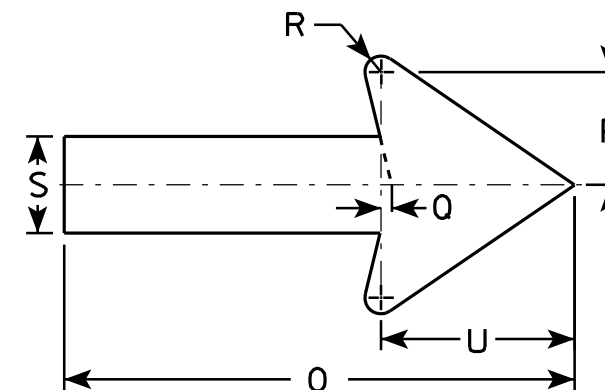
DATE 12/17/10 PLATE NO. R5-1A.2



R6-2R

NOTES

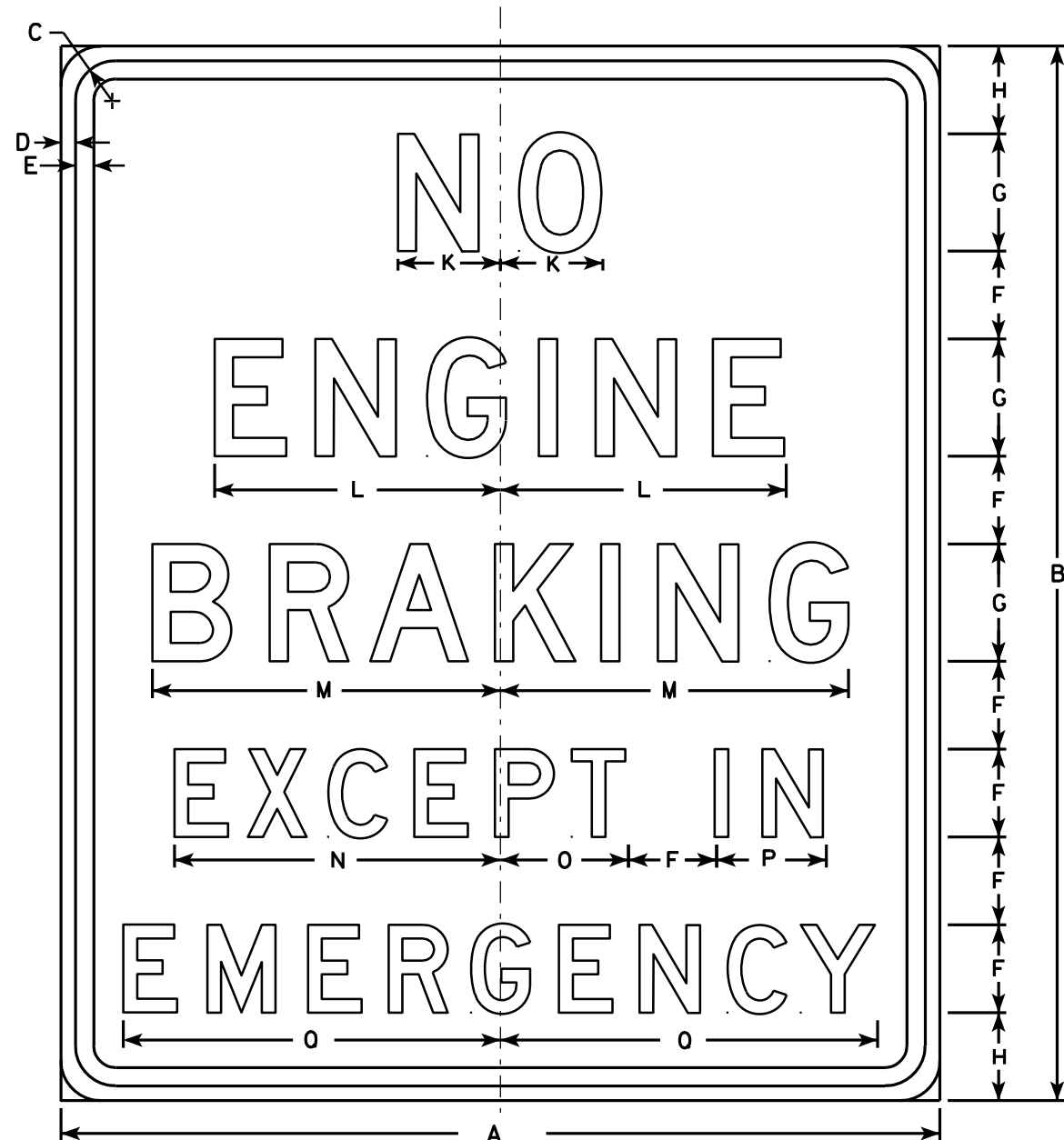
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



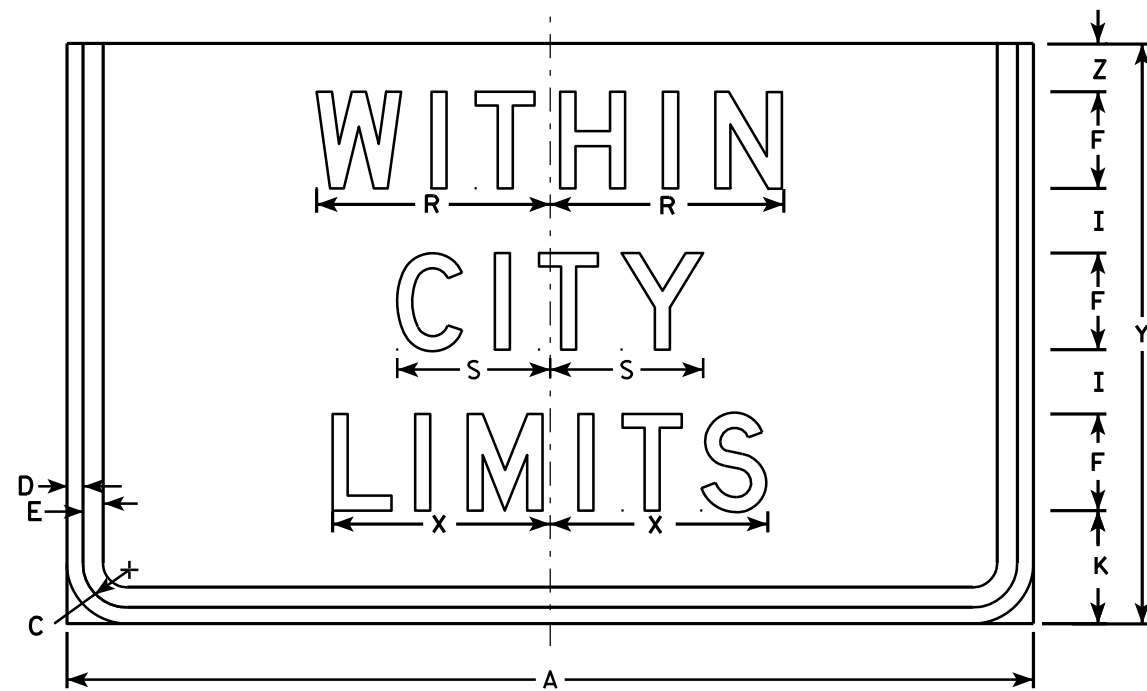
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	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 7/8	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 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	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 5/8	1/2	3/4	4 3/4	3	9					
5																										

STANDARD SIGN R6-2 R&L	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 11/2/10	PLATE NO. R6-2.8

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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R10-64



R10-64F

Area sq. ft.
3.75
7.0

VILLAGE

TOWNSHIP

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	36	1 3/8	1/2	5/8	3	4	3	2		3 1/2	9 3/4	11 7/8	11 1/8	4 3/8	3 3/4	12 7/8	7 1/4	4 3/4		8 1/4	8 3/4	5/8	6 3/4	18	1 1/2	7.5
2S	30	36	1 3/8	1/2	5/8	3	4	3	2		3 1/2	9 3/4	11 7/8	11 1/8	4 3/8	3 3/4	12 7/8	7 1/4	4 3/4		8 1/4	8 3/4	5/8	6 3/4	18	1 1/2	7.5
2M	30	36	1 3/8	1/2	5/8	3	4	3	2		3 1/2	9 3/4	11 7/8	11 1/8	4 3/8	3 3/4	12 7/8	7 1/4	4 3/4		8 1/4	8 3/4	5/8	6 3/4	18	1 1/2	7.5
3	42	48	1 3/8	1/2	5/8	4	5	4 1/2	3		4	12 1/4	14 7/8	14 1/8	5 1/4	4 3/4	16 1/4	9	6		11	11 1/4	1 1/2	8 1/2	24	2	14.0
4																											
5																											

PROJECT NO:

HWY:

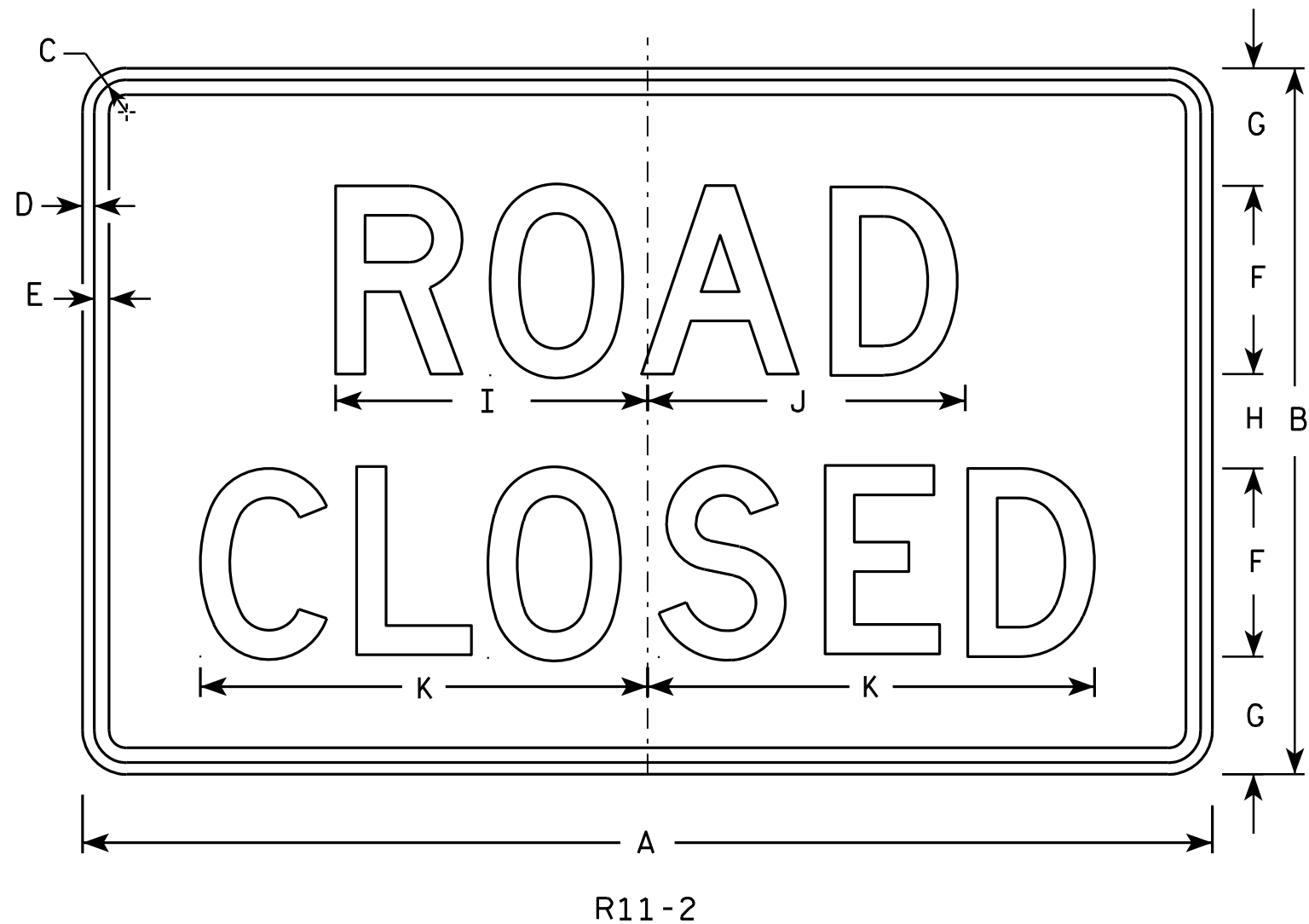
COUNTY:

SHEET NO:

E

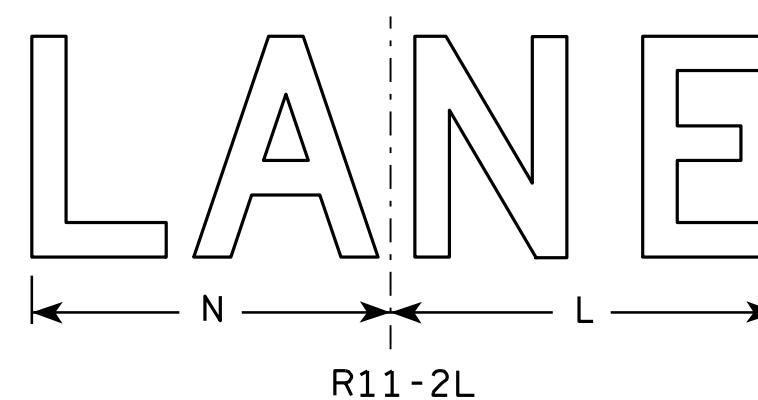
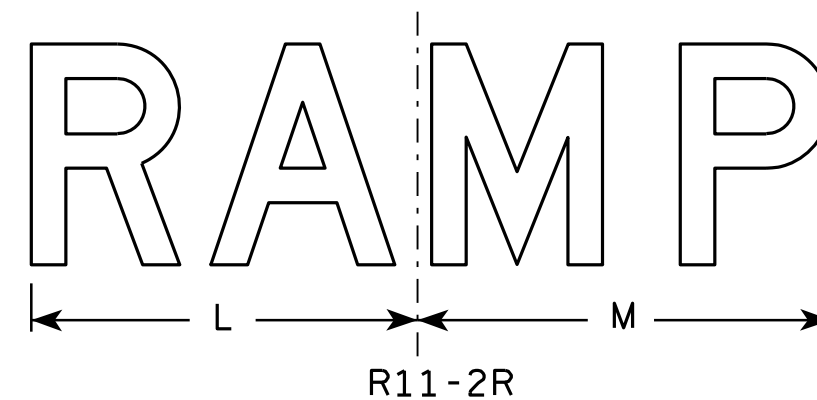
NOTES

- Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - White
Message - Black
- Message Series - D See note 5
- 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.
- Line 2 of R10-64F is Series C for "TOWNSHIP" Only



NOTES

- Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - White
Message - Black
- Message Series - D
- 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.
- Modify the message as required.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0
2M	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	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 1⁄2	19	14	15	13													10.0

STANDARD SIGN R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

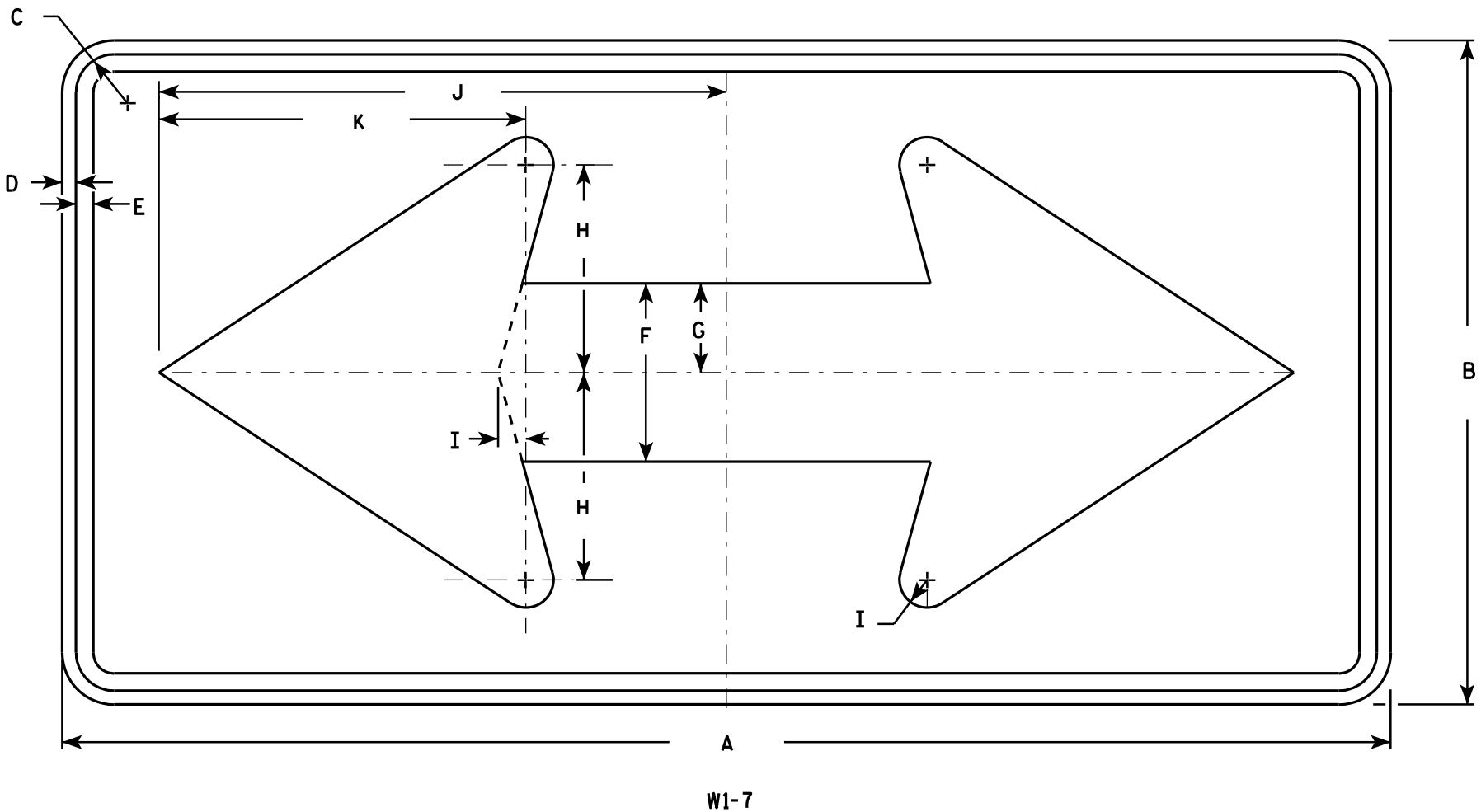
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

- 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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	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 1/2	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 3/8	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

STANDARD SIGN

W1 - 7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

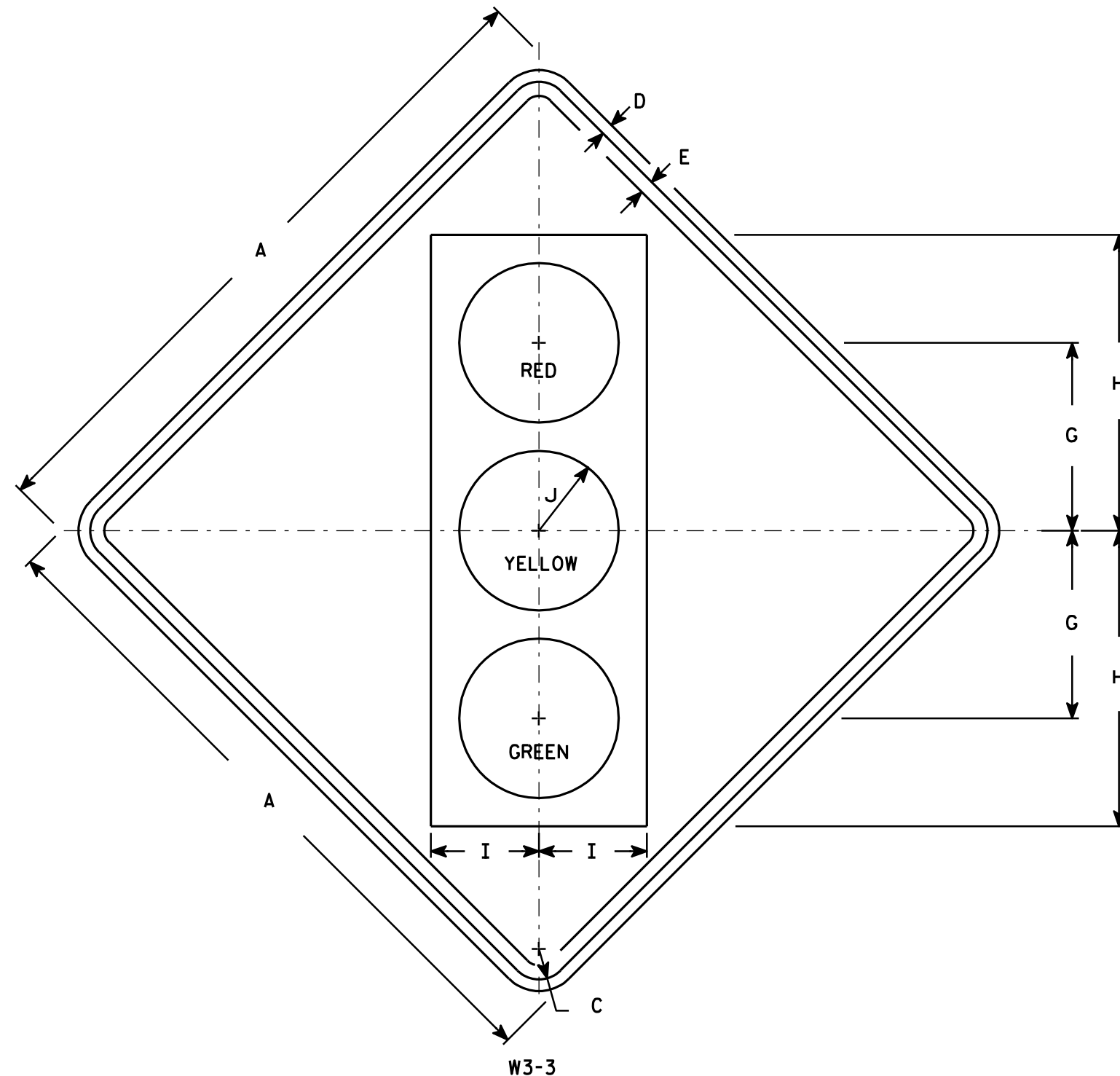
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

- Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Yellow
Message - See Note 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.
- Symbol and border are non-reflective black.
Top circle - Type H Reflectorized Red
Center circle - Same as background
Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

DATE 6/7/10

PLATE NO. W3-3.11

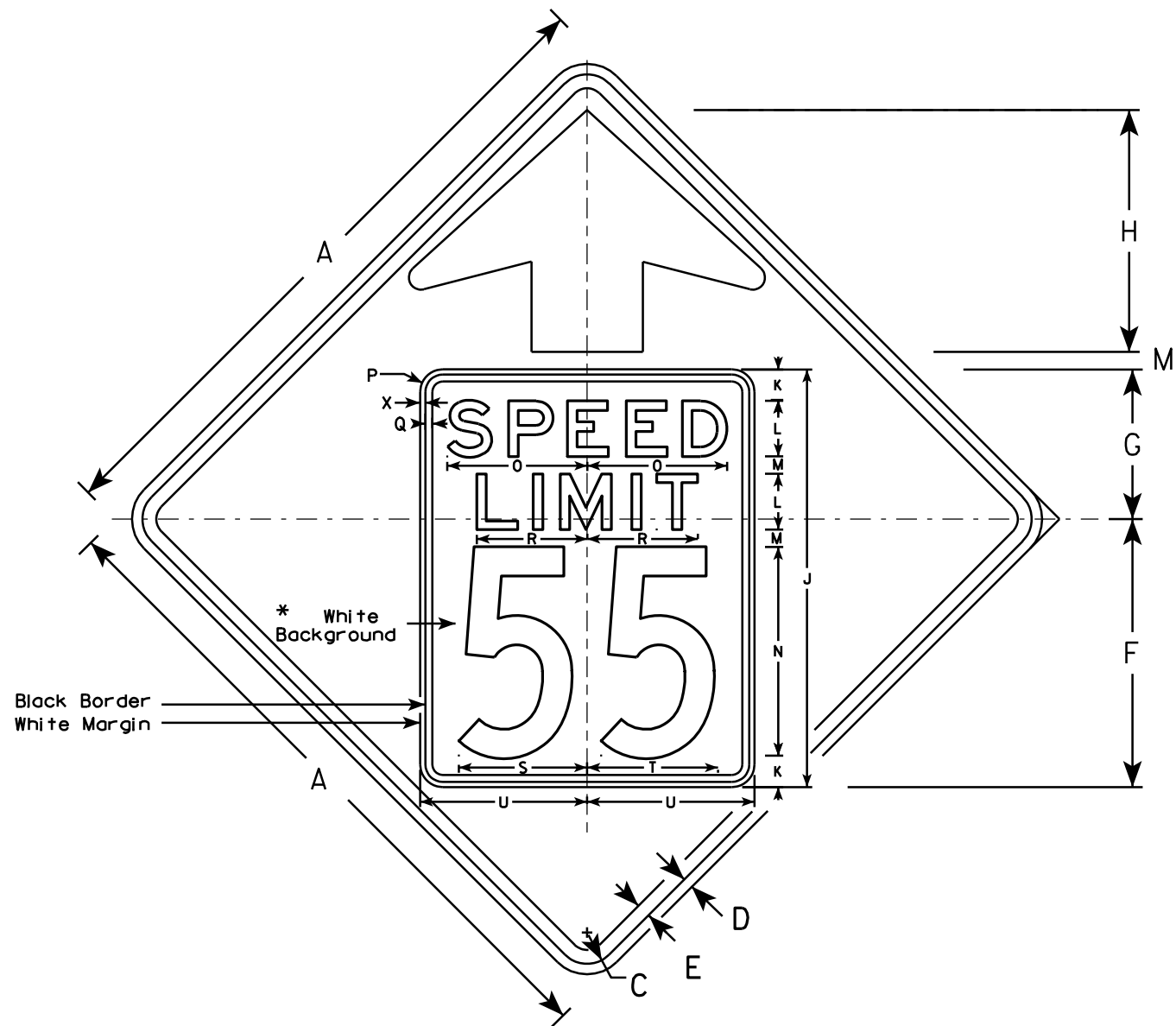
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

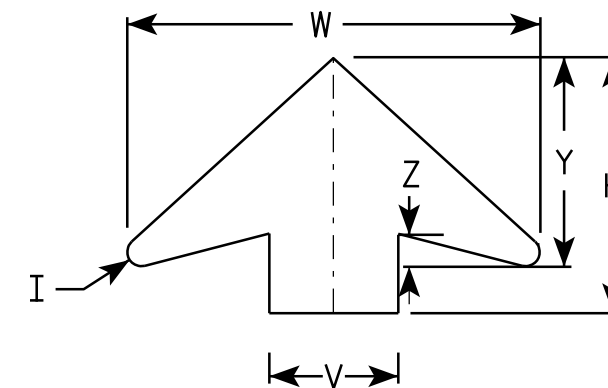


W3-5

NOTES

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5⁄8	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 5⁄8	9.0
2M	36		1 5⁄8	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 5⁄8	9.0
3	36		1 5⁄8	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 5⁄8	9.0
4	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	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
5	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	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

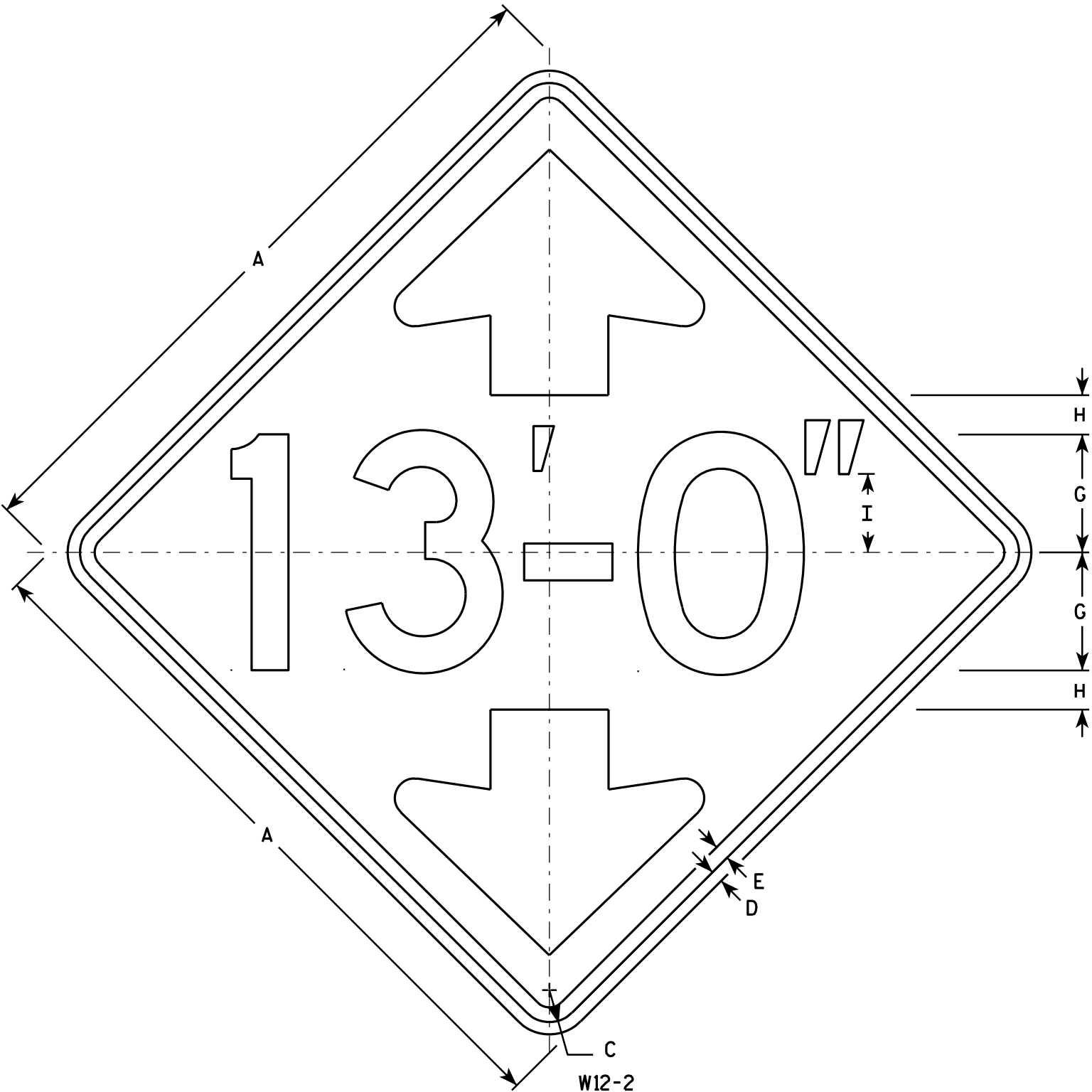
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

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

PROJECT NO:

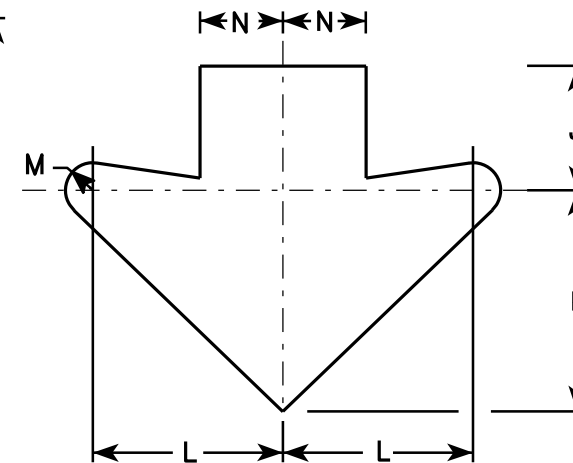
SHEET NO:

E

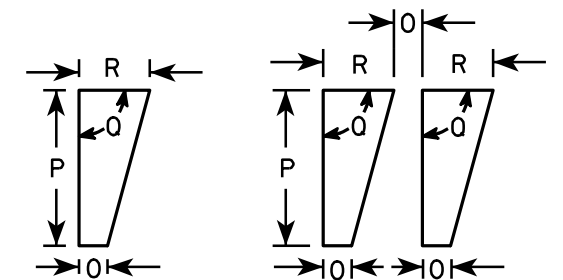


NOTES

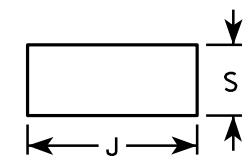
1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing of numerals, hyphen, foot & inch marks to achieve proper balance.



Arrow Detail



Foot Mark & Inch Mark Detail



Hyphen Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		5	1 5/8	3 3/8	3 3/4	6 5/8	5 3/4	3/4	2 1/2	1/2	2 1/4	90°	1	1 5/8								6.25
2S	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
2M	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
3	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
4	36		1 5/8	5/8	3/4		6	2	4	4 1/2	8	6 7/8	1	3	1/2	2 3/4	90°	1 1/4	1 7/8								9.00
5	48		2 1/4	3/4	1		8	2 5/8	5 1/2	5 7/8	10 5/8	9 1/4	1 3/8	4	5/8	3 5/8	90°	1 5/8	2 1/2								16.00

STANDARD SIGN W12-2

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
For State Traffic Engineer
DATE 3/13/13 PLATE NO. W12-2.9

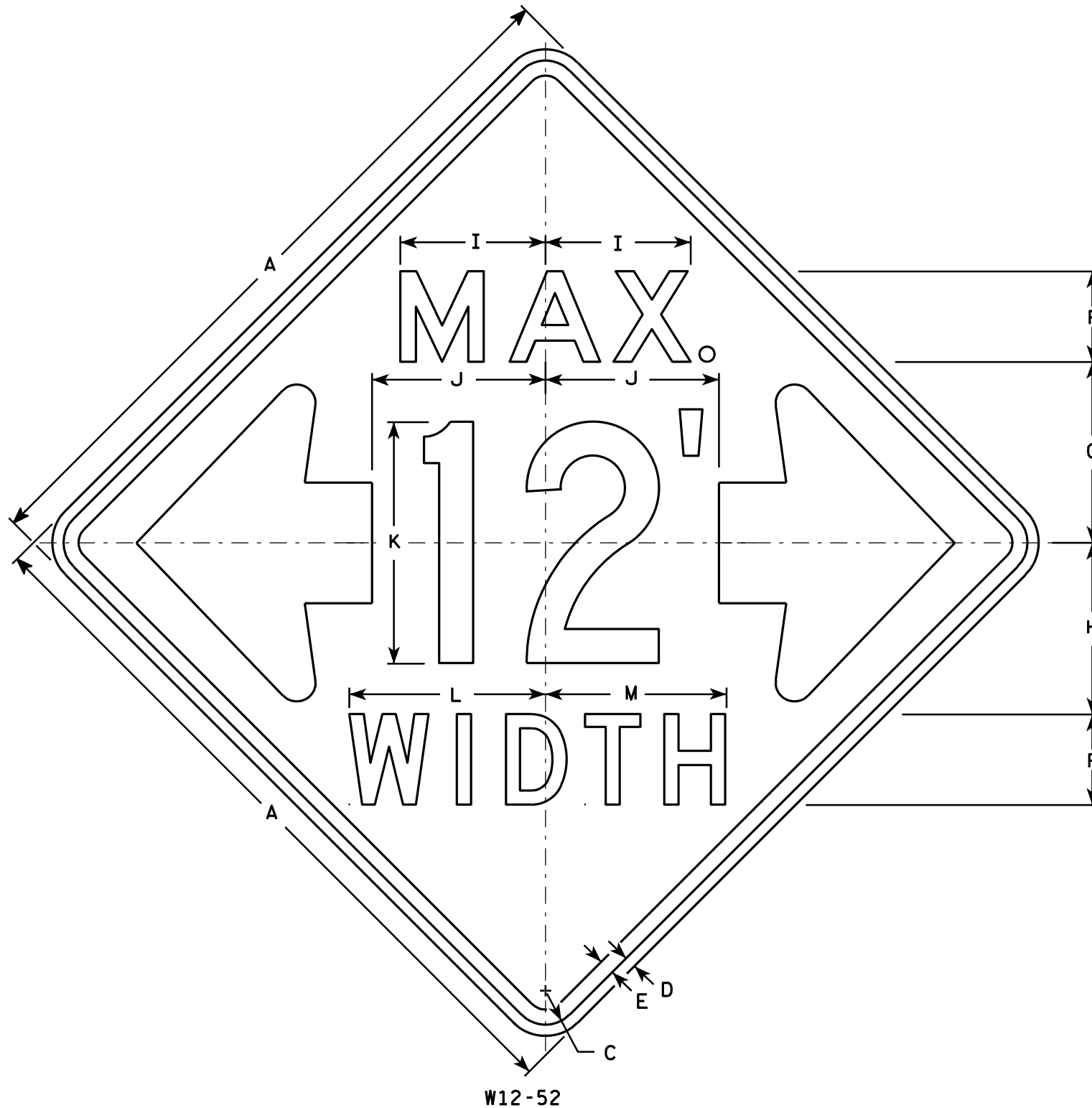
PROJECT NO:

HWY:

COUNTY:

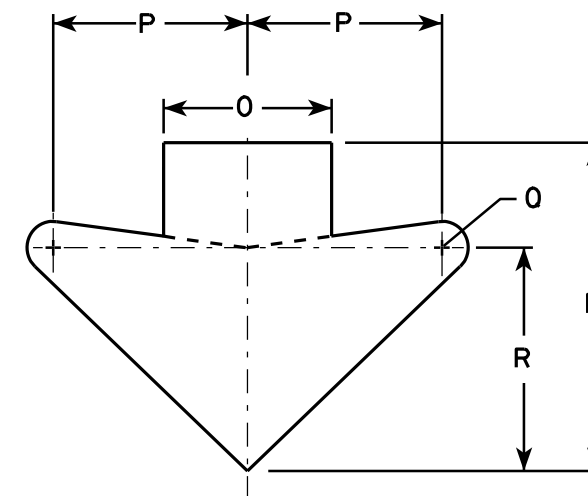
SHEET NO:

E



NOTES

- Sign Is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Orange
Message - Black
- Message Series - See note 5
- 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.
- The top line is series E, the numerals are series C, and the bottom line is series D.
- Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

STANDARD SIGN W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-52.7

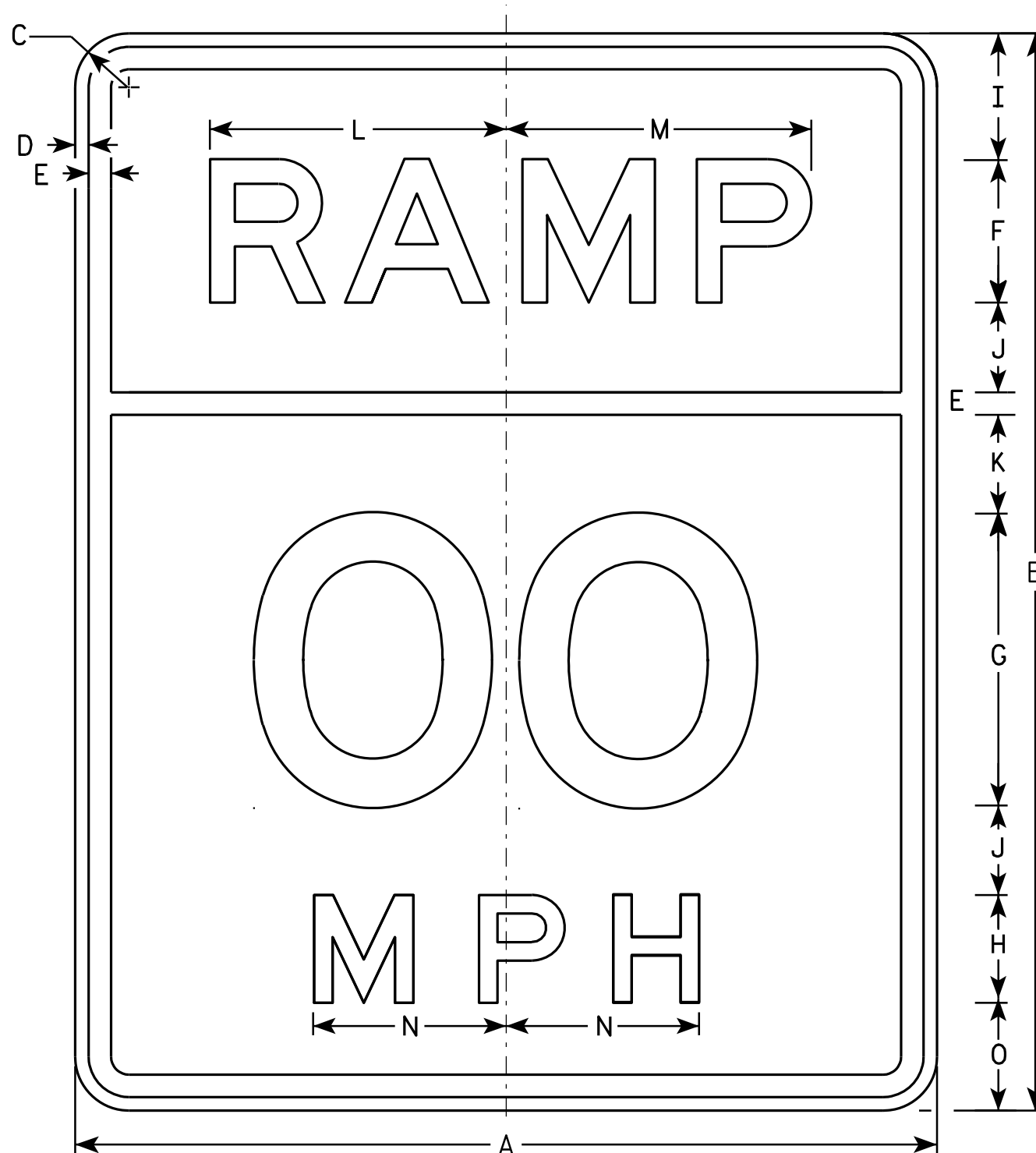
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



W13-3

NOTES

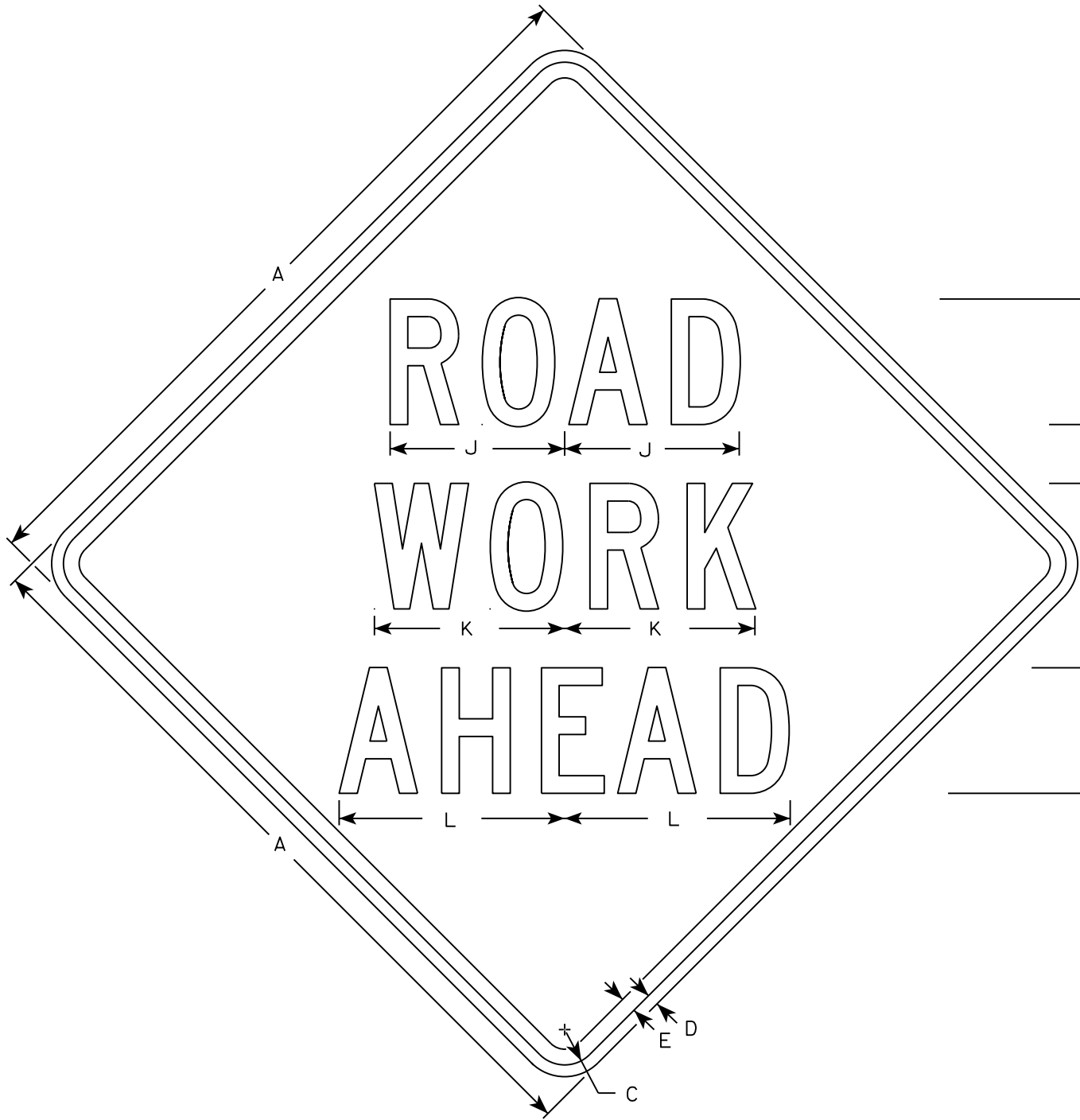
- 1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Yellow
Message - Black
- 3. Message Series - E
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	30	1 1/8	3/8	5/8	4	8	3	3 1/2	2 1/2	2 7/8	8 1/4	8 1/2	5 3/8	3												5.0
2S	24	30	1 1/8	3/8	5/8	4	8	3	3 1/2	2 1/2	2 7/8	8 1/4	8 1/2	5 3/8	3												5.0
2M	24	30	1 1/8	3/8	5/8	4	8	3	3 1/2	2 1/2	2 7/8	8 1/4	8 1/2	5 3/8	3												5.0
3																											
4	36	48	1 5/8	5/8	7/8	6	12	4	6	4 1/8	5 1/8	13 1/2	13 5/8	7 1/8	6												12.0
5	48	60	2 1/4	3/4	1 1/4	8	16	6	7	5	5 3/4	16 1/2	17	10 5/8	6												20.0

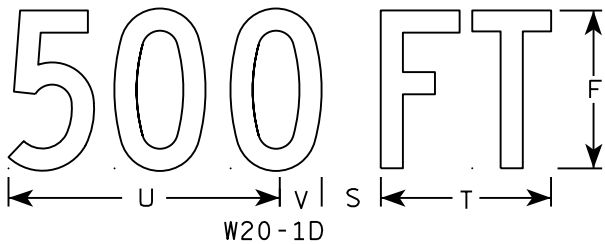
STANDARD SIGN
W13-3

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/13/13 PLATE NO. W13-3.9

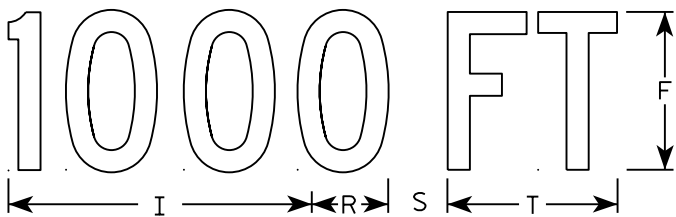
PROJECT NO: HWY: COUNTY: SHEET NO: E



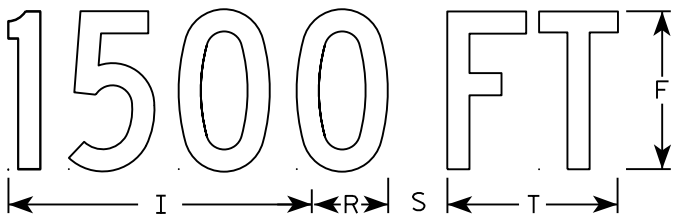
W20-1A



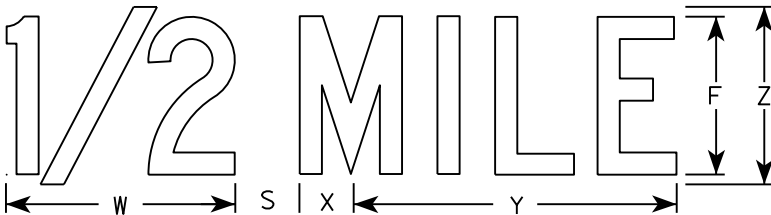
W20-1D



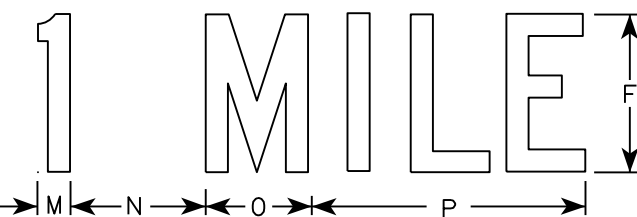
W20-1C



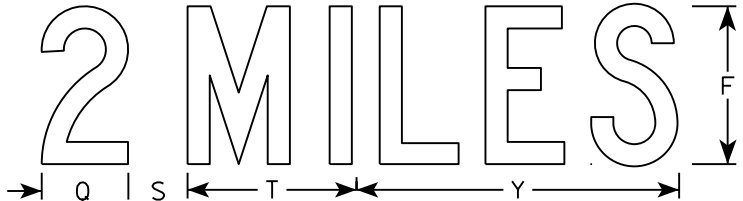
W20-1B



W20-1G



W20-1F



W20-1E

NOTES

- 1. Sign is Type II - Type F Reflective
- 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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

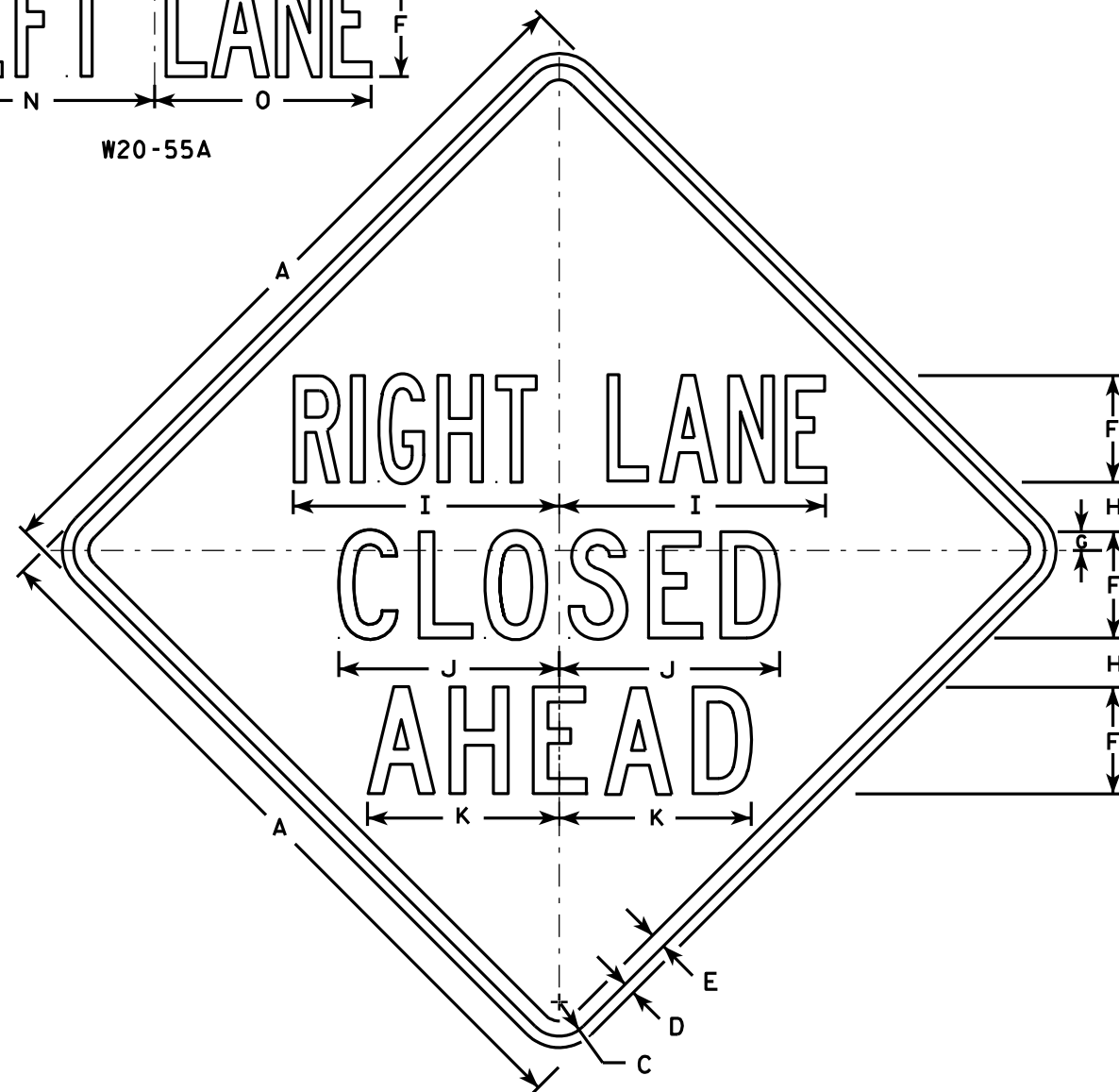
DATE 5/07/15 PLATE NO. W20-1.10

CENTER LANE

W20-56A

LEFT LANE

W20-55A



W20-5A

500 FT

W20-5D

1000 FT

W20-5C

1500 FT

W20-5B

1/2 MILE

W20-5G

1 MILE

W20-5F

NOTES

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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	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 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	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 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	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 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	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 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	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 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	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 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

PROJECT NO:

HWY:

COUNTY:

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

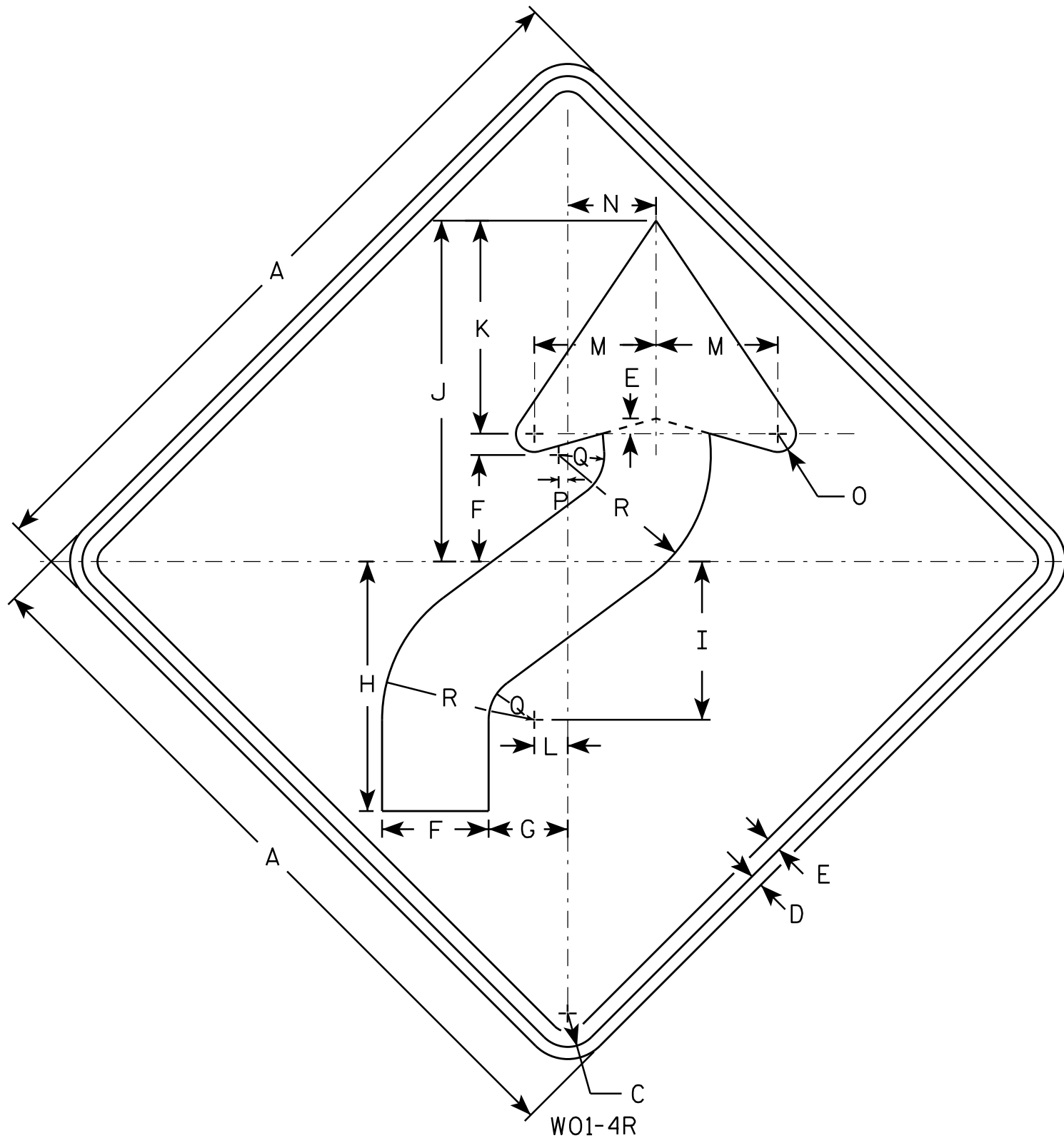
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-5.11

SHEET NO:

E



NOTES

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. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

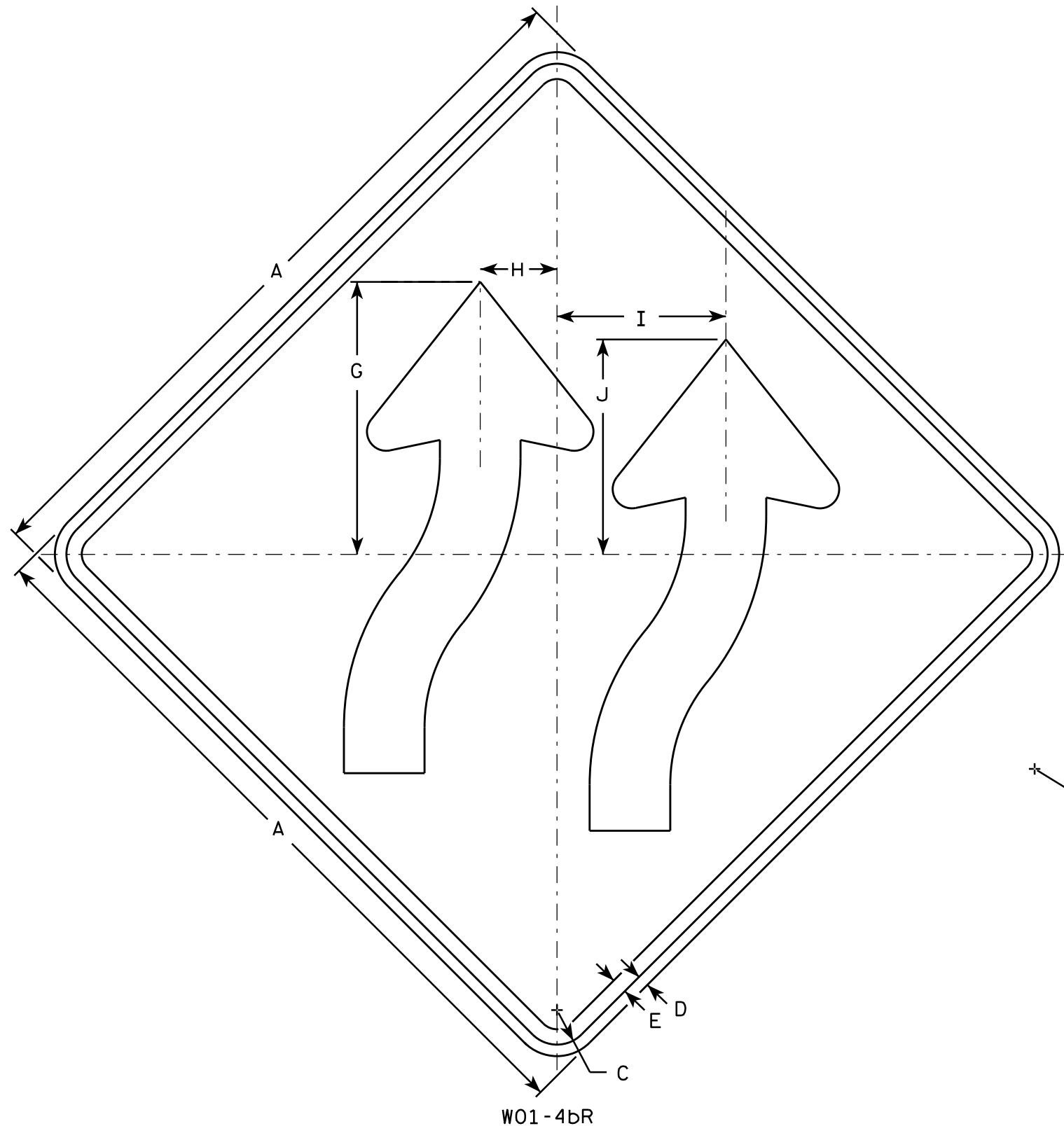
STANDARD SIGN W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

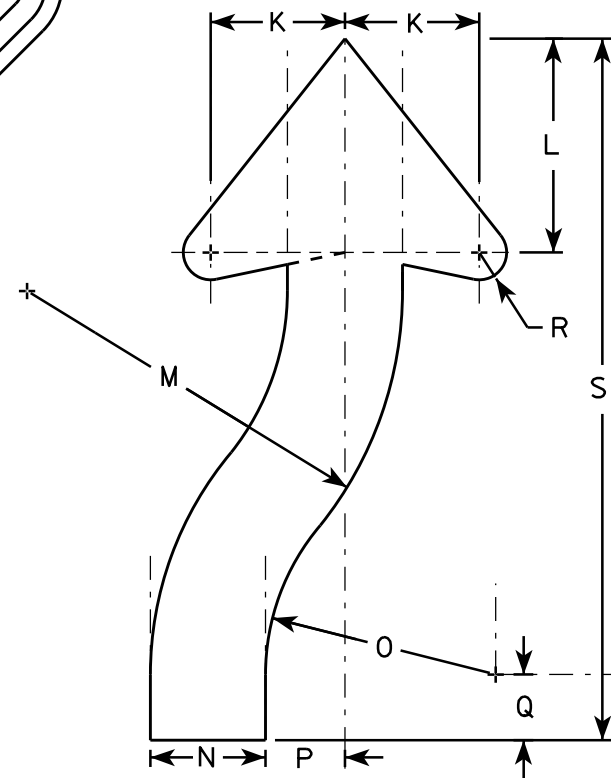
DATE 11/18/13 PLATE NO. W01-4.1

PROJECT NO: HWY: COUNTY: SHEET NO: E



W01-4bR

- NOTES**
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. W01-4bL is the same as W014-bR exept arrows are reversed along the vertical centerline



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		13 3/8	3 3/4	8 1/4	10 1/2	4 5/8	7 3/8	12 7/8	3 7/8	7 7/8	2 3/4	2 1/4	7/8	24								9.0
2S	48		2 1/4	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
2M	48		2 1/4	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
3	48		2 1/4	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
4	48		2 1/4	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
5	48		2 1/4	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0

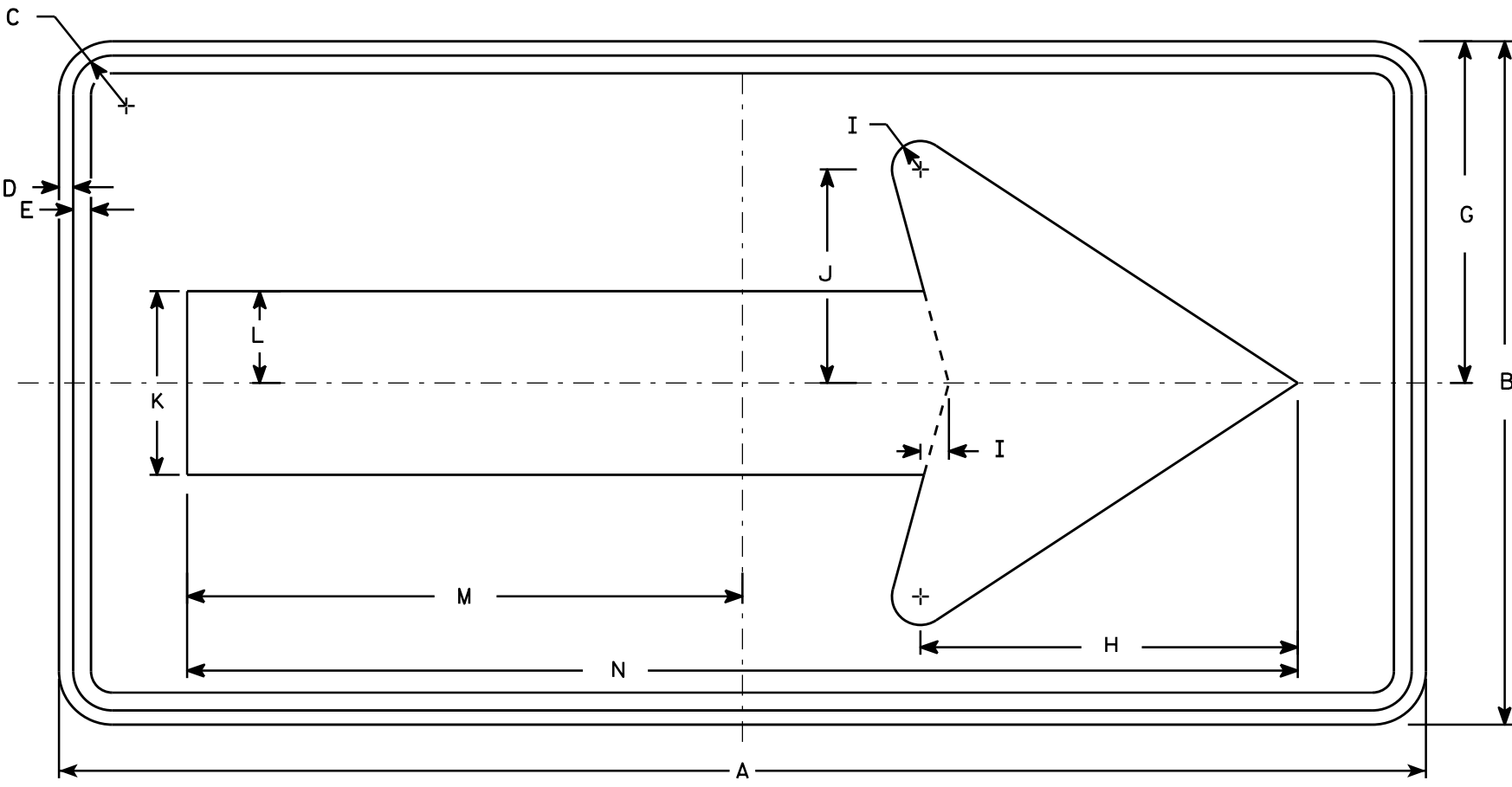
STANDARD SIGN
W01-4b

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-4b.1

7



W01-6

NOTES

- 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.

7

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area 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 3/4													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 3/4													12.5

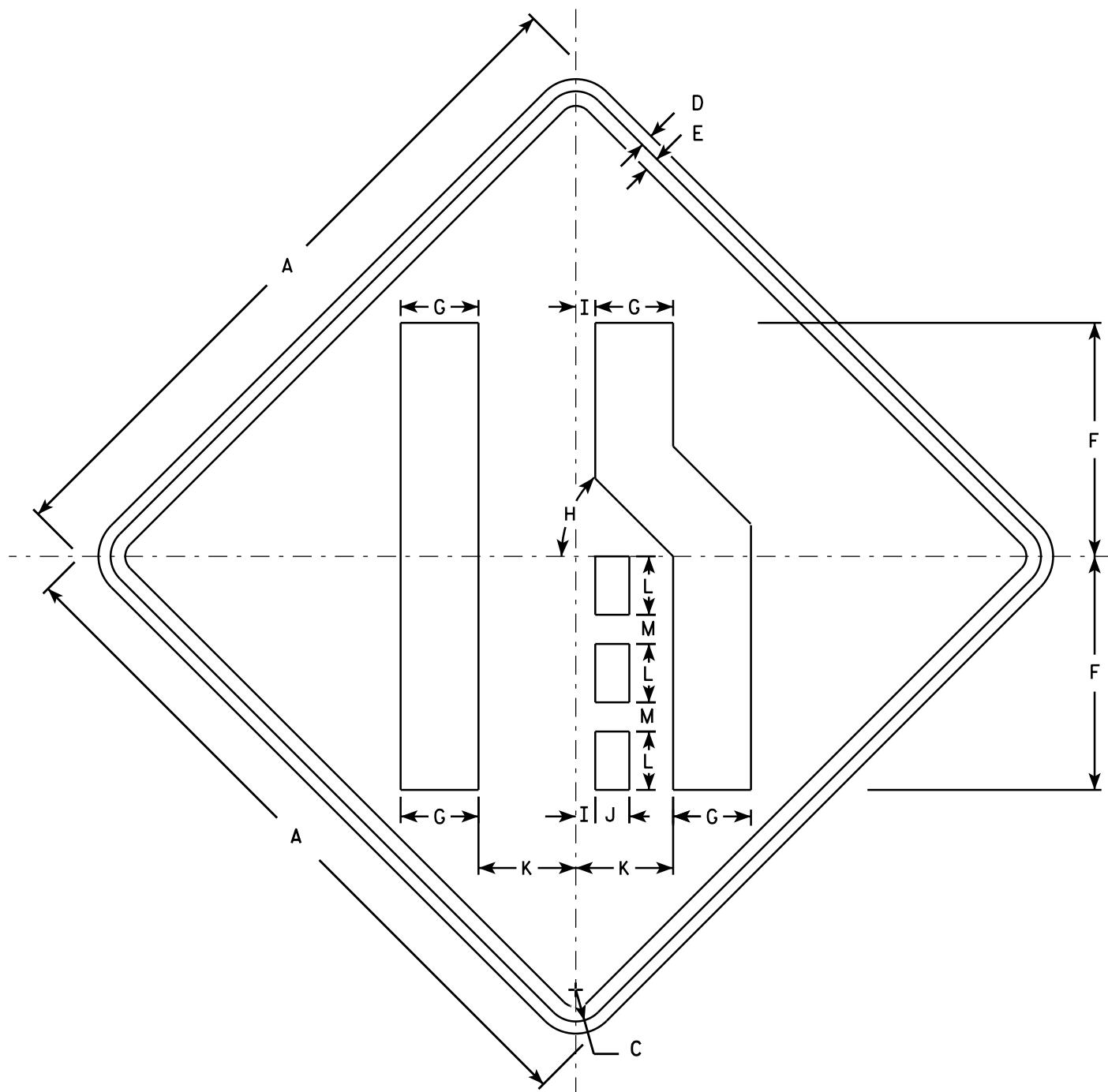
STANDARD SIGN

W01-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-6.1



W04-2R

NOTES

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 symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN

W04-2

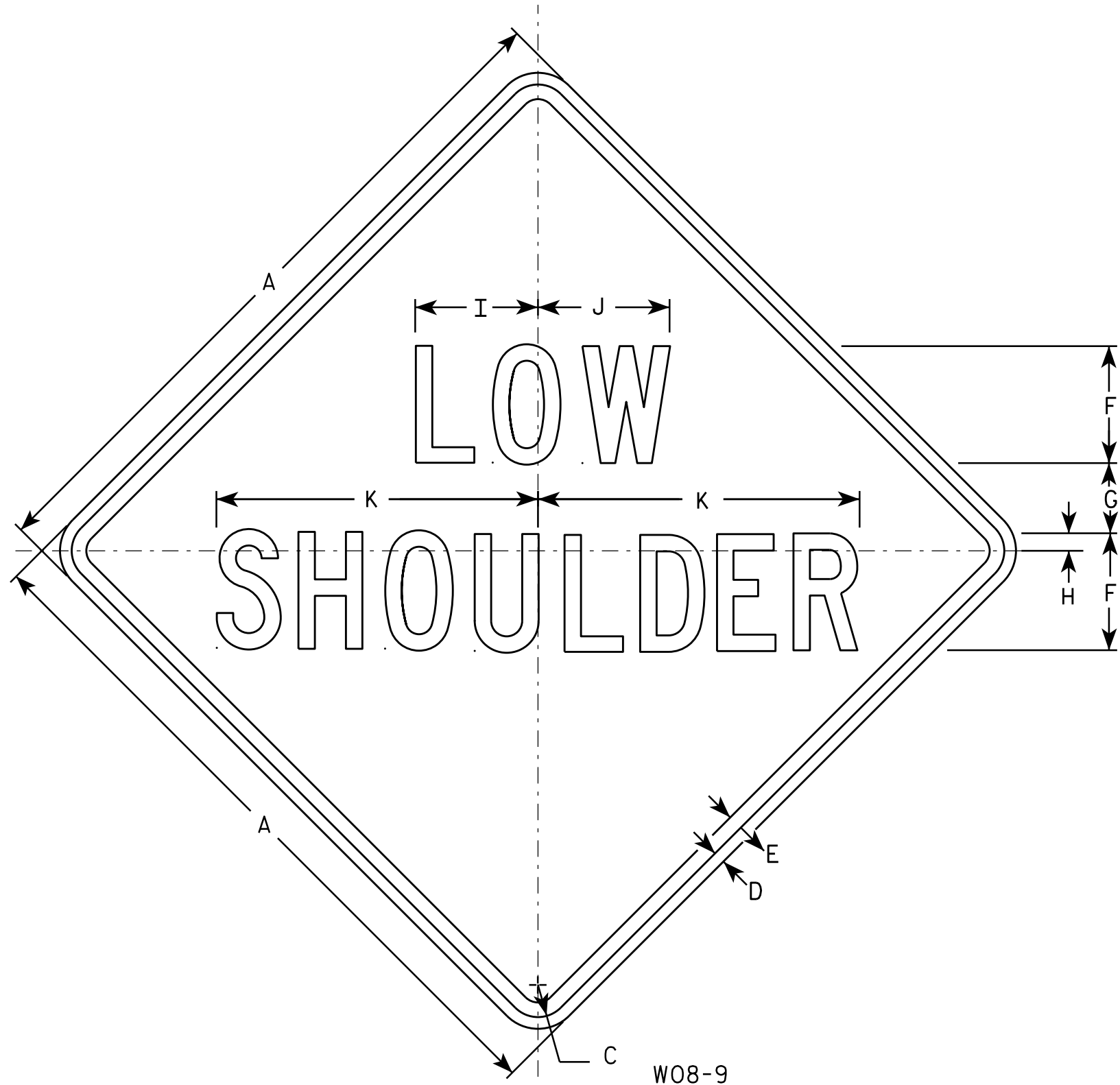
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
For State Traffic Engineer

DATE 11/20/13

PLATE NO. W04-2.1



NOTES

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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	3 1/2	1	6 1/4	6 3/4	16 1/2																9.0
2S	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
2M	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
3	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
4	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0
5	48		2 1/4	3/4	1	8	5	1 1/4	8 1/4	9	21 7/8																16.0

STANDARD SIGN W08-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
For State Traffic Engineer

DATE 11/20/13

PLATE NO. W08-9.1

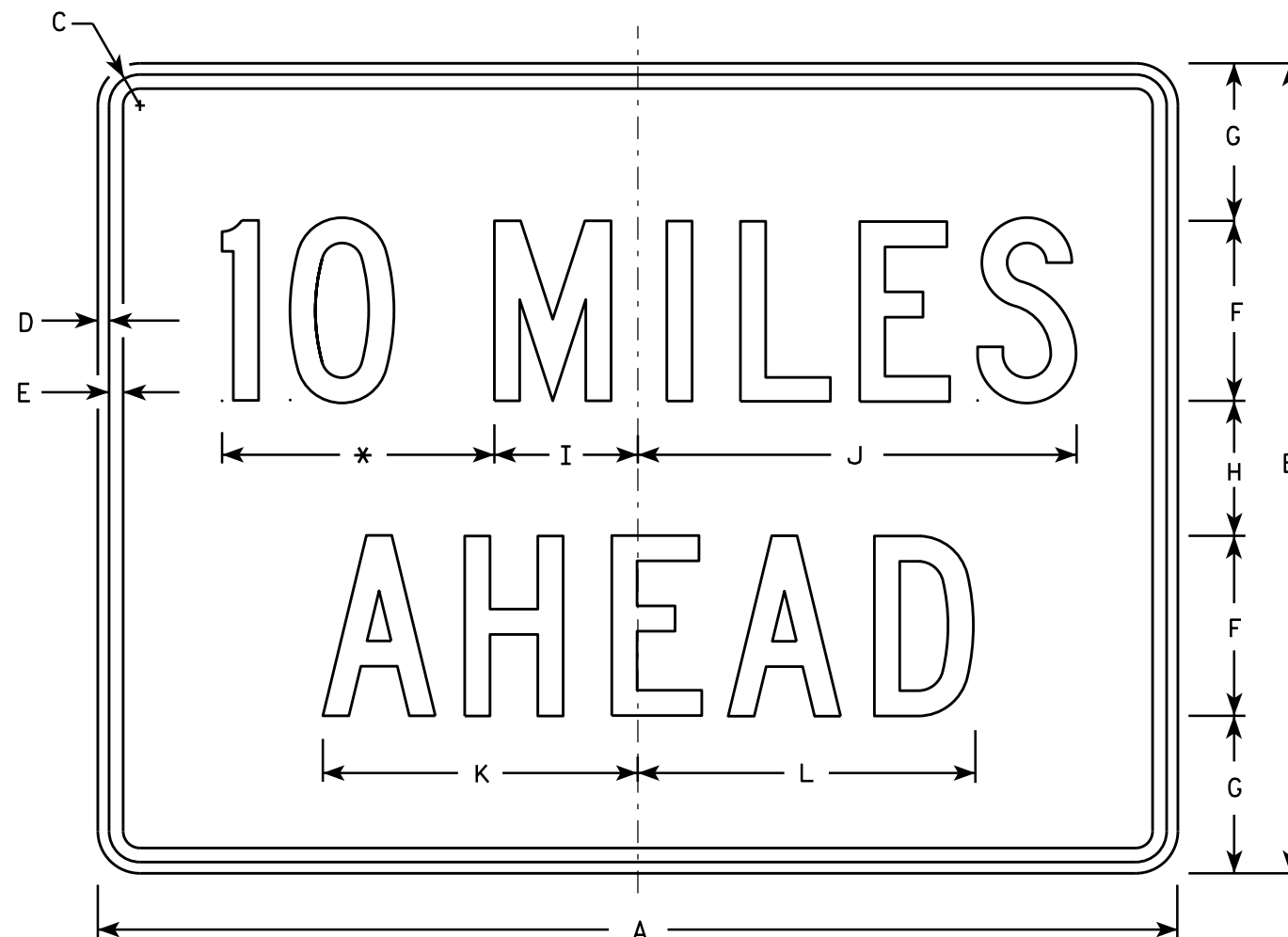
PROJECT NO:

HWY:

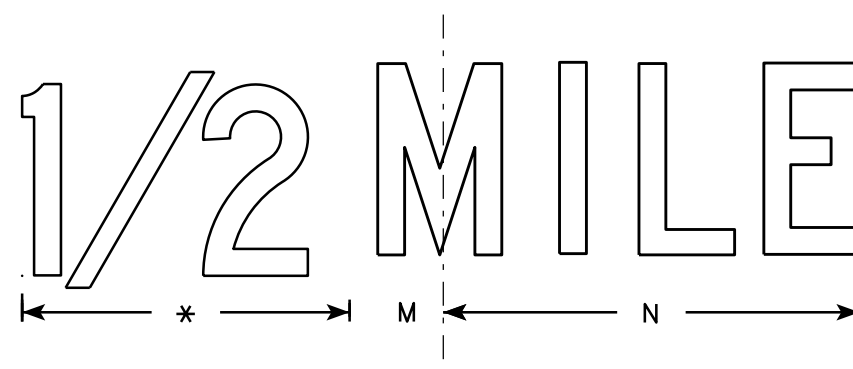
COUNTY:

SHEET NO:

E



W057-52



* See note 5

NOTES

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.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	13													6.0
2S	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

DATE 11/20/13

PLATE NO. W057-52.1

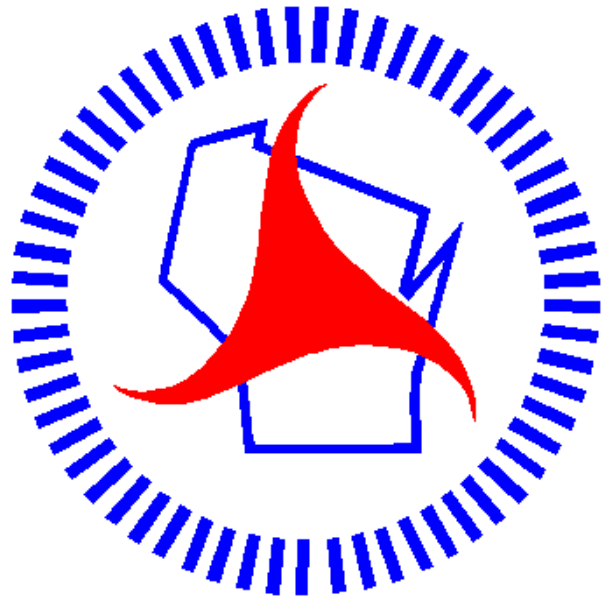
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Wisconsin Department of Transportation

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