MAD

JAN 2018

PROJECT ID: 3060-02-71

COUNTY: COLUMBIA

ORDER OF SHEETS

TOTAL SHEETS = 72

05

DESIGN DESIGNATION 3060-02-01

A.A.D.T.	2014	= 5300
A.A.D.T.	2028	= 6000
D.H.V.		= 6.1
D.D.		= 59/41
T.		= 7.1%
DESIGN SPEED		= 40 MPH
ESALS		= 710,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

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

IH 94 - COLUMBUS

HERITAGE WAY TO FAITH DRIVE

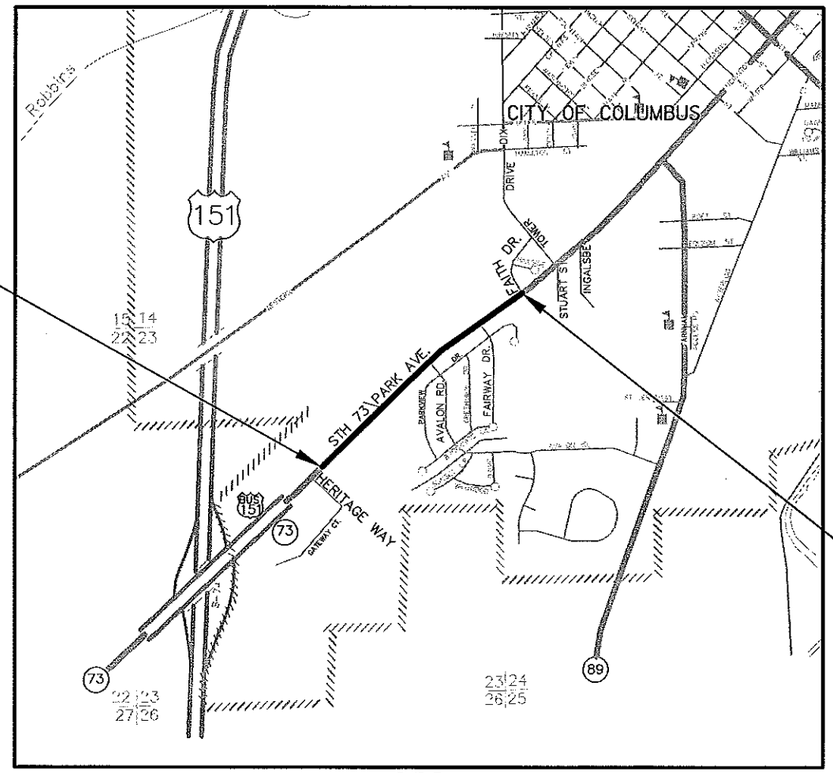
STH 73

COLUMBIA COUNTY

STATE PROJECT NUMBER
3060-02-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3060-02-71	WISC 2018037	1

BEGIN PROJECT
STA. 712+82
X= 649,269.19
Y= 314,624.59



END PROJECT
STA. 756+00

R-12-E

LAYOUT
SCALE 0 2000 FT.

TOTAL NET LENGTH OF CENTERLINE = 0.818 mi

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

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF NAVD 88 (2007)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SURVEYOR
Designer	SHAUN ANDERSON
Project Manager	JIM SIMPSON
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	KURT JOHNSON

APPROVED FOR THE DEPARTMENT
DATE: 06-30-2017 (Signature)

E

FILE NAME : N:\PDS\C3D\30600201\SHEETSPLAN\010101_TI.DWG
LAYOUT NAME - ****

PLOT DATE : 6/20/2017 7:49 AM PLOT BY : BETZEL, LORRAINE L PLOT NAME :

WISDOT/CADDS SHEET 10

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER IN THE FIELD.

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

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE 3.5" TYPE 4 LT 58-28 S HMA PAVEMENT IS TO BE PLACED USING A 1.75" LOWER LAYER AND A 1.75" UPPER LAYER. APPLY TACK COAT BETWEEN LAYERS OF PAVEMENT AND TO MILLED SURFACES. THE APPLICATION RATE IS 0.07 GALLONS PER SQUARE YARD BETWEEN THE MILLED SURFACE AND NEW HMA PAVEMENT LAYERS, 0.05 GALLONS PER SQUARE YARD BETWEEN NEW HMA PAVEMENT LAYERS, OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

EXTRA DEPTH PAVEMENT REPAIR IN DISTRESSED AREAS SHALL BE PAID UNDER THE ITEMS REMOVING ASPHALTIC SURFACE BY THE SQUARE YARD AND HMA PAVEMENT 4 LT 58-28 S BY THE TON.

SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND THE EXACT LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD, BY THE ENGINEER.

EXACT EROSION CONTROL DEVICE LOCATIONS WILL BE DETERMINED BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

INLETS SHALL BE COVERED AS NECESSARY TO PREVENT CONSTRUCTION MATERIAL FROM FALLING INTO THE INLETS.

ALL PROPERTY LINES ARE APPROXIMATE.

PAVING LIMITS AT INTERSECTIONS AND AT THE PROJECT BEGINNING AND END ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

SAWCUTS, AS SHOWN ON THE PLANS, ARE SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS.

CURB AND GUTTER AND SIDEWALK REMOVAL LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED BY THE FIELD ENGINEER.

THE LOCATION OF STOP LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

LIST OF STANDARD ABBREVIATIONS

ABUT	ABUTMENT	INL	INLET	RDWY	ROADWAY
AC	ACRE	ID	INSIDE DIAMETER	SALV	SALVAGED
AADT	ANNUAL AVERAGE DAILY TRAFFIC	INV	INVERT	SSS	SANITARY AND STORM SEWER
ASPH	ASPHALT	IP	IRON PIPE	SAN	SANITARY SEWER
AVG	AVERAGE	JT	JOINT	SEC	SECTION
BL	BASE LINE	JCT	JUNCTION	SHLDR	SHOULDER
BM	BENCH MARK	LT	LEFT	SW	SIDEWALK
CB	CATCH BASIN	L	LENGTH OF CURVE	S	SOUTH
C/L	CENTER LINE	LHF	LEFT HAND FORWARD	SB	SOUTHBOUND
CC	CENTER TO CENTER	LF	LENEAR FOOT	SP	SPECIAL
CE	COMERCIAL ENTRANCE	L	LITER	SPECS	SPECIFICATIONS
CONE	CONCRETE	LS	LUMP SUM	SQ	SQUARE
CO	COUNTY	MH	MANHOLE	SF	SQUARE FEET
CTH	COUNTY TRUNK HIGHWAY	MB	MESSAGE BOARD	SY	SQUARE YARD
CY	CUBIC YARD	MLB	MAILBOX	STD	STANDARD
C&G	CURB AND GUTTER	ML	MATCH LINE	SDD	STANDARD DETAILS DRAWINGS
CULV	CULVERT	NC	NORMAL CROWN	STH	STATE TRUNK HIGHWAYS
CPAS	CONCRETE PAVEMENT APPROACH SLAB	N	NORTH	STA	STATION
DHV	DESIGN HOUR VOLUME	Y	NORTH GRD COORDINATE	SS	STORM SEWER
DIA	DIAMETER	NB	NORTHBOUND	STR	STRUCTURE OR STRUCTURAL
DD	DIRECTIONAL DISTRIBUTION	NO	NUMBER	SL	SURVEY LINE
E	EAST	OD	OUTSIDE DIAMETER	TEL	TELEPHONE
X	EAST GRD COORDINATE	PAVT	PAVEMENT	TEMP	TEMPORARY
ELEC	ELECTRIC	PERM	PERMANENT	TLE	TEMPORARY LIMITED EASEMENT
ELEV	ELEVATION	PLE	PERMANENT LIMITED EASEMENT	T	TON
ESALS	EQUIVALENT SINGLE AXLE LOADS	PT	POINT	TC	TOP OF CURB
EXC	EXCAVATION	PCC	PORTLAND CEMENT CONCRETE	T	TRUCKS (PERCENT OF)
EBS	EXCAVATION BELOW SUBGRADE	PCS	PAVED CONCRETE SHOULDER	TYP	TYPICAL
EXIST	EXISTING	PE	PRIVATE ENTRANCE	UG	UNDERGROUND
FE	FIELD ENTRANCE	PROJ	PROJECT	USH	UNITED STATES HIGHWAY
FF	FACE TO FACE	PL	PROPERTY LINE	VAR	VARIABLE
FG	FINISHED GRADE	R	RADIUS	VERT	VERTICAL
FL	FLOW LINE	R/L	REFERENCE LINE	W	WATER
FT	FOOT	REQD	REQUIRED	WM	WATER MAIN
HES	HIGH EARLY STRENGTH	RT	RIGHT	WV	WATER VALVE
CWT	HUNDREDWEIGHT	RHF	RIGHT HAND FORWARD	W	WEST
HYD	HYDRANT	R/W	RIGHT-OF-WAY	WB	WEST BOUND
IN DIA	INCH DIAMETER	RD	ROAD	YD	YARD

UTILITY/MUNICIPATILY	CONTACT/ADDRESS	UTILITY TYPE
AT&T Wisconsin - Communication	Chuck Bartelt 70 E Division St Fond Du Lac, WI 54935 (920) 929-1013 Office (920) 410-5104 Mobile cb1461@att.com	Communication
ATC Management, Inc. - Electricity	Doug Vosberg 5303 Fen Oak Drive Madison, WI 53718 (608) 877-7650 dvosberg@atcllc.com	Electric
Charter Communications - Communication	Kirk Upperman 2701 Daniels St Madison, WI 53718 (608) 209-3206 kirk.upperman@charter.com	Communication
Columbus Water And Light Dept - Electricity	Eric Anthon 950 Maple Ave PO Box 228 Columbus, WI 53925-0228 (920) 623-5912 eanthon@columbuswaterandlight.com	Electric & Water
Columbus Wastewater Treatment Facility - Sewer	Davis Clark, PWD 229 East School St. Columbus, WI 53925 (920) 623-5908 dclark@columbusWi.us	Sewer
We Energies - Gas/Petroleum	John Anderson 1251 W. Main St. Sun Prairie, WI 53590 (608) 513-2260 john.anderson@we-energies.com	Gas/Petroleum

DIGGERS HOTLINE

Dial 811 or (800) 242-8511

www.DiggersHotline.com

DNR CONTACT

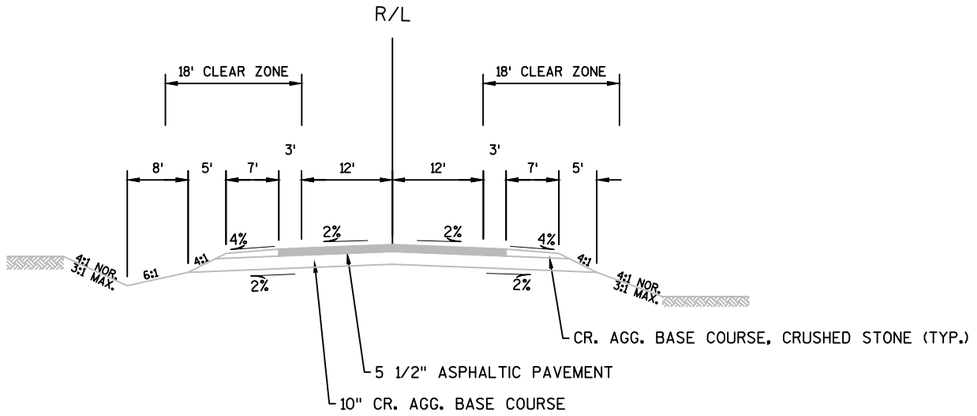
Eric Heggelund
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3301
eric.heggelund@wisconsin.gov

WISDOT CONTACT

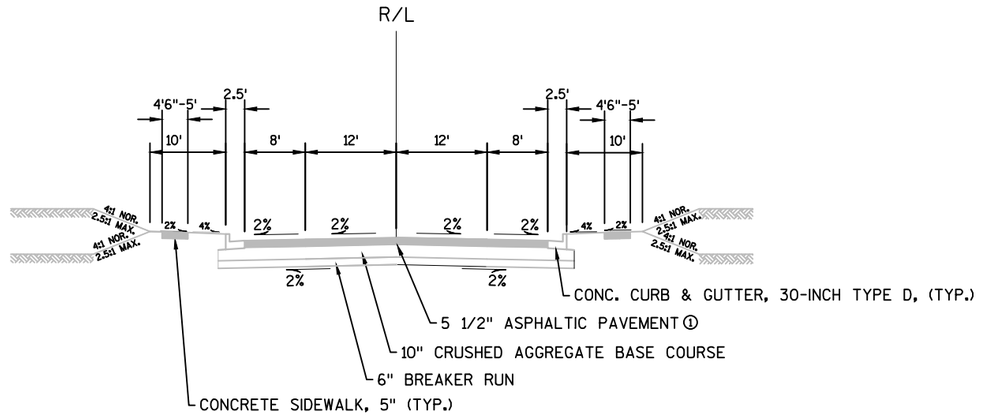
JIM SIMPSON
WISDOT PROJECT MANAGER
2101 WRIGHT STREET
MADISON, WI 53704
(608) 246-5628
Jim.Simpson@dot.wi.gov

DESIGN CONTACT

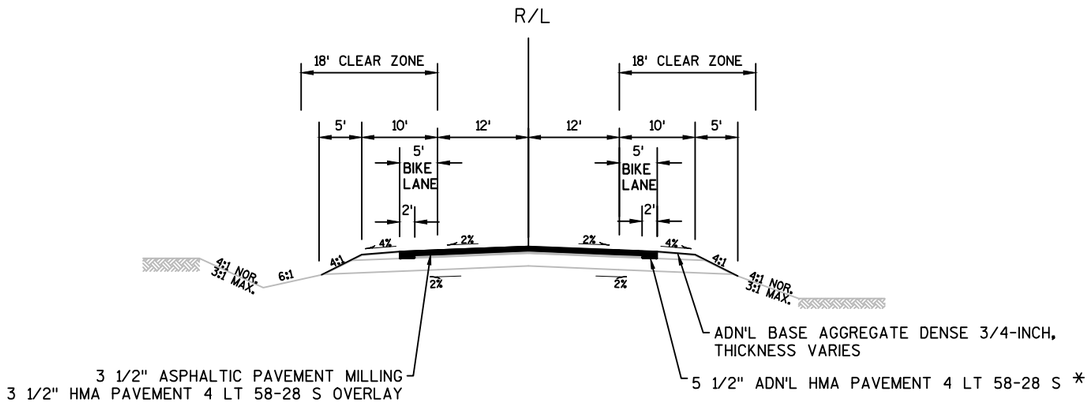
SHAUN ANDERSON
DESIGN ENGINEER
2101 WRIGHT STREET
MADISON, WI 53704
(608) 246-5324
ShaunM.Anderson@dot.wi.gov



TYPICAL EXISTING SECTION
STA. 712+82 - STA. 722+82



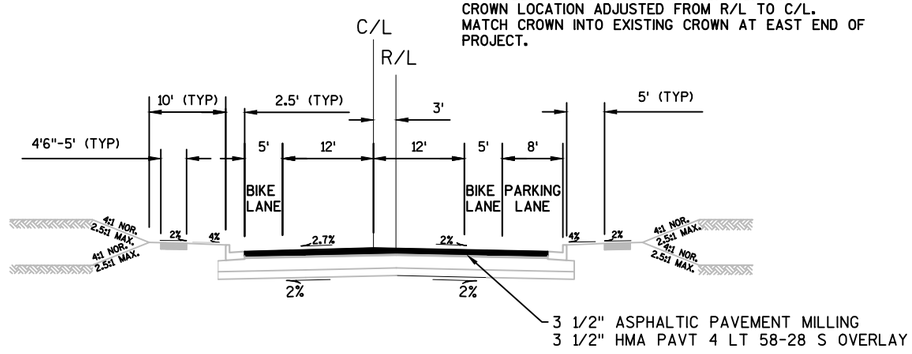
TYPICAL EXISTING SECTION
STA. 722+82 - 756+00



TYPICAL PROPOSED SECTION
STA. 712+82 - STA. 722+82

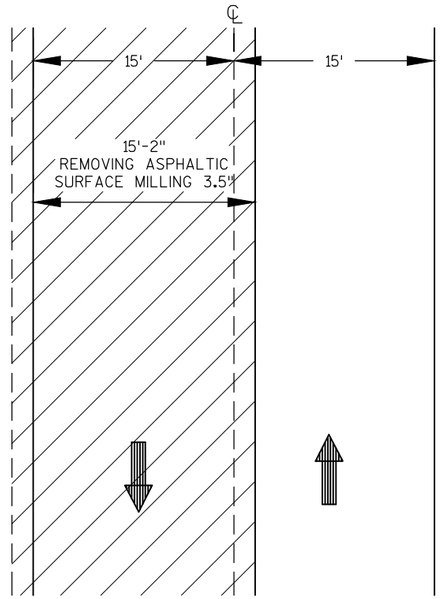
*PREPARE FOUNDATION FOR ASPHALTIC PAVED SHOULDERS, 2" LIFT PLACED PRIOR TO 3 1/2" OVERLAY, HMA PAVEMENT 4 LT 58-28 S

* R/L POSITION OFF THE CENTER OF ROADWAY. CROWN LOCATION ADJUSTED FROM R/L TO C/L. MATCH CROWN INTO EXISTING CROWN AT EAST END OF PROJECT.

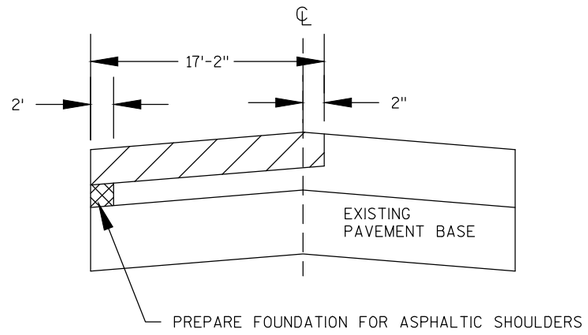


TYPICAL PROPOSED SECTION
STA. 722+82 - 756+00

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TYPICAL SECTIONS	SHEET 3	E



PLAN VIEW

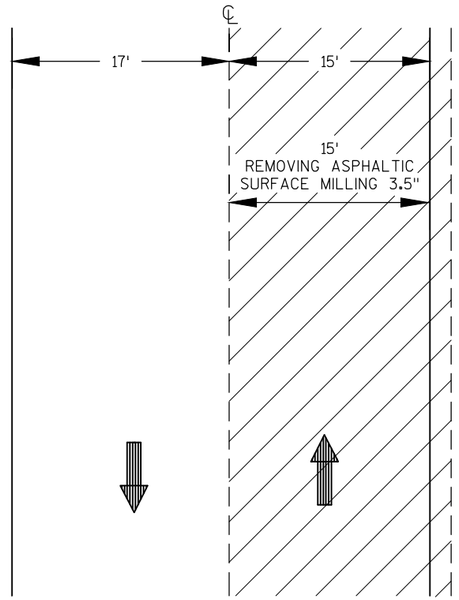


PROFILE VIEW

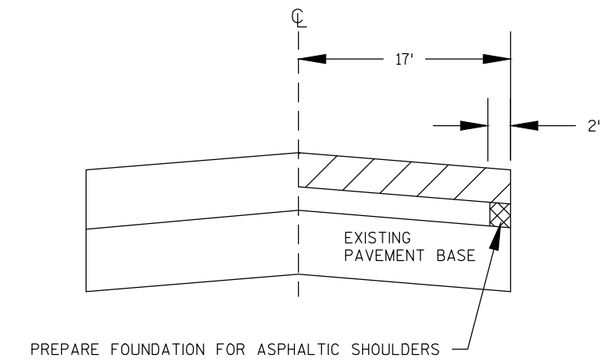
3 ½" HMA PAVEMENT 4 LT 48-28 S

2" HMA PAVEMENT 4 LT 48-28 S

FIRST PASS DETAIL



PLAN VIEW

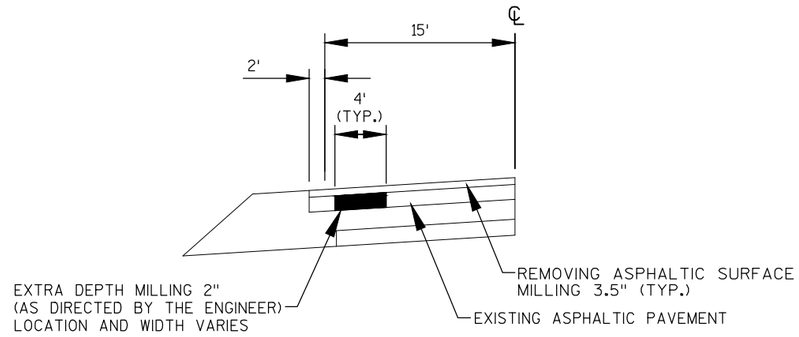


PROFILE VIEW

3 ½" HMA PAVEMENT 4 LT 58-28 S

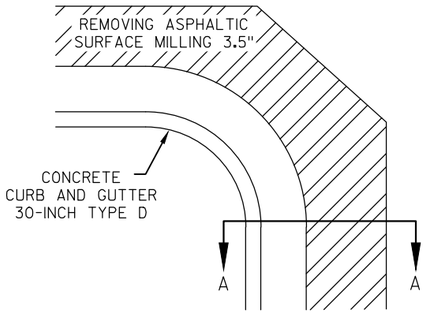
2" HMA PAVEMENT 4 LT 58-28 S

SECOND PASS DETAIL

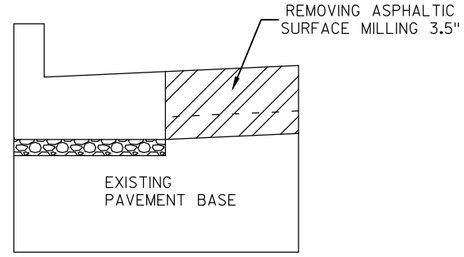


EXTRA DEPTH PAVEMENT REPAIR DISTRESSED AREAS

IN SPOT LOCATIONS



PLAN VIEW



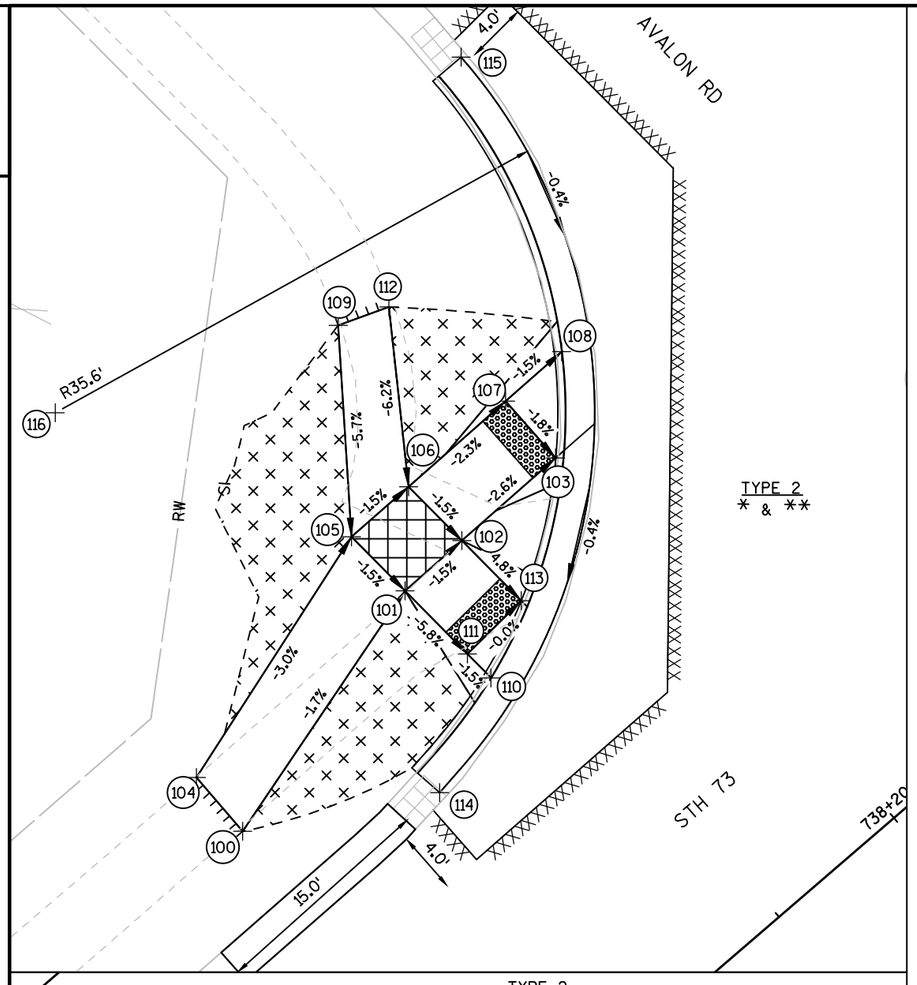
SECTION A

5 ½" HMA PAVEMENT 4 LT 58-28 S;
INTERMEDIATE PAVING

+/-1" BASE AGGREGATE DENSE 3/4"

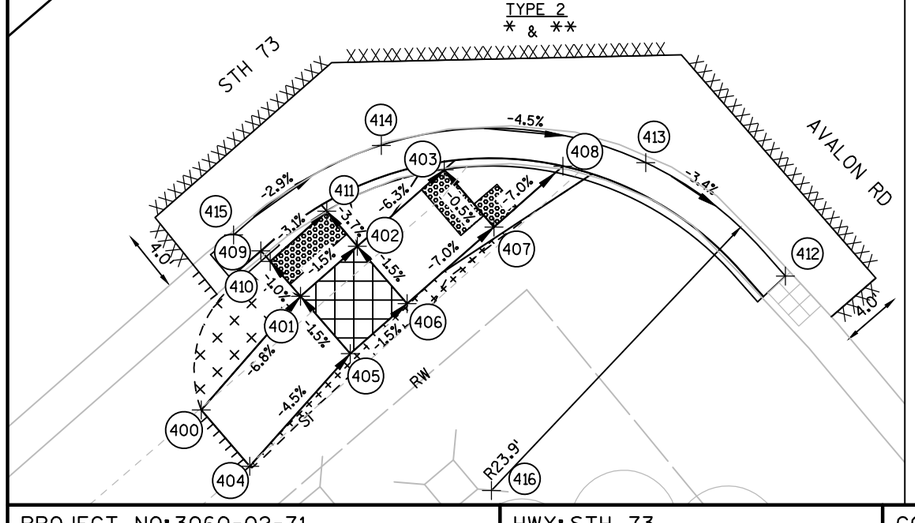
INTERMEDIATE PAVING AROUND CURB AND GUTTER

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	CONSTRUCTION DETAILS	SHEET 4	E



TYPE 2
* & **

PT	-	PT	FT-FT	STA	OFF		ELEV
100	-	101	19.15	737+87.00	27.43	LT	875.68
101	-	102	5.00	738+05.39	32.41	LT	875.35
102	-	103	8.25	738+10.37	32.46	LT	875.28
103				738+18.57	32.56	LT	875.06
104	-	105	18.89	737+87.03	32.11	LT	876.00
105	-	106	5.00	738+05.06	37.41	LT	875.43
106	-	107	8.54	738+10.03	37.46	LT	875.35
107	-	108	4.20	738+18.51	37.56	LT	875.15
108				738+23.41	37.62	LT	875.08
109	-	105	13.98	738+13.44	48.54	LT	876.22
110	-	111	2.23	738+05.92	24.35	LT	874.98
111	-	101	5.86	738+05.78	26.57	LT	875.01
112	-	106	11.93	738+16.74	47.29	LT	876.10
113	-	102	5.57	738+10.75	26.91	LT	875.01
114				737+98.44	20.85	LT	875.07
115				738+30.97	56.68	LT	875.29
116				737+95.70	56.40	LT	
200	-	201	9.66	738+78.79	51.57	LT	875.48
201	-	202	7.16	738+79.50	41.94	LT	874.88
202	-	207	5.03	738+81.83	35.26	LT	874.57
203	-	202	7.82	738+76.49	29.58	LT	874.25
204	-	205	16.92	739+13.83	27.34	LT	874.13
205	-	206	5.00	738+97.18	29.89	LT	874.35
206	-	207	7.16	738+92.21	29.88	LT	874.41
207	-	208	7.57	738+85.44	31.83	LT	874.50
208				738+80.27	26.33	LT	874.14
209	-	210	4.88	738+82.61	51.83	LT	875.53
210	-	211	5.00	738+84.17	47.21	LT	875.23
211	-	212	3.35	738+84.46	42.22	LT	874.93
212	-	216	5.09	738+85.35	39.02	LT	874.65
213	-	214	16.94	739+13.81	32.25	LT	874.28
214	-	215	5.00	738+97.17	34.89	LT	874.48
215	-	216	3.35	738+92.20	34.88	LT	874.54
216	-	207	5.17	738+88.97	35.59	LT	874.58
217	-	218	15.48	738+68.41	41.70	LT	874.84
218	-	219	5.46	738+73.97	28.66	LT	874.39
219	-	220	13.46	738+79.60	23.78	LT	874.23
220				738+91.38	20.16	LT	873.67
221				738+92.31	44.36	LT	
222				738+92.25	42.75	LT	
300	-	301	7.47	739+02.89	27.06	RT	873.47
301	-	302	5.00	738+95.53	28.51	RT	873.12
302	-	303	13.32	738+90.51	28.48	RT	873.10
303				738+77.13	28.38	RT	872.76
304	-	305	7.56	739+02.92	31.83	RT	873.56
305	-	306	5.00	738+95.51	33.51	RT	873.17
306	-	307	13.32	738+90.48	33.48	RT	873.15
307	-	308	4.87	738+77.09	33.38	RT	872.71
308				738+72.18	33.34	RT	872.64
309	-	301	6.71	738+95.57	21.78	RT	872.82
310	-	302	6.53	738+90.55	21.93	RT	872.89
311	-	312	12.66	738+66.29	46.07	RT	872.33
312	-	313	21.38	738+69.52	33.95	RT	872.73
313	-	314	18.37	738+85.79	20.86	RT	873.07
314				739+04.13	19.84	RT	872.83
315				738+93.34	46.64	RT	
400	-	401	9.95	737+97.38	26.97	RT	874.73
401	-	402	5.00	738+07.28	25.60	RT	874.06
402	-	403	7.64	738+12.30	25.54	RT	873.98
403				738+19.98	25.46	RT	873.50
404	-	405	9.95	737+97.37	31.88	RT	874.59
405	-	406	5.00	738+07.29	30.60	RT	874.13
406	-	407	7.63	738+12.32	30.54	RT	874.06
407	-	408	6.05	738+19.99	30.46	RT	873.53
408				738+26.10	30.38	RT	873.14
409	-	410	0.91	738+07.27	21.61	RT	874.02
410	-	401	3.06	738+07.27	22.54	RT	874.03
411	-	402	3.07	738+12.29	22.47	RT	873.87
412	-	413	15.89	738+32.56	45.44	RT	872.61
413	-	414	9.98	738+30.41	33.76	RT	873.02
414	-	415	9.25	738+17.87	21.54	RT	873.83
415				738+12.83	20.03	RT	874.16
416				738+08.45	43.53	RT	



GUTTER SLOPE MAY NEED TO BE ADJUSTED. MAX ROLLOVER OF 11%

-- CURB RAMP LOCATIONS, SLOPES, AND ELEVATIONS ARE ADVISORY ONLY. FIELD CONDITIONS MAY VARY. ALL RAMPS MUST COMPLY WITH WISDOT AND/OR ADA STANDARDS.

-- SIDEWALK AND CURB AND GUTTER MATCH LOCATIONS WILL BE DETERMINED BY THE FIELD ENGINEER.

* REDUCE CURB HEIGHT BETWEEN RAMPS TO ALLOW PROPER DRAINAGE. 2-INCH MIN. CURB HEIGHT.

** PLACE CONCRETE BETWEEN CURB RAMPS

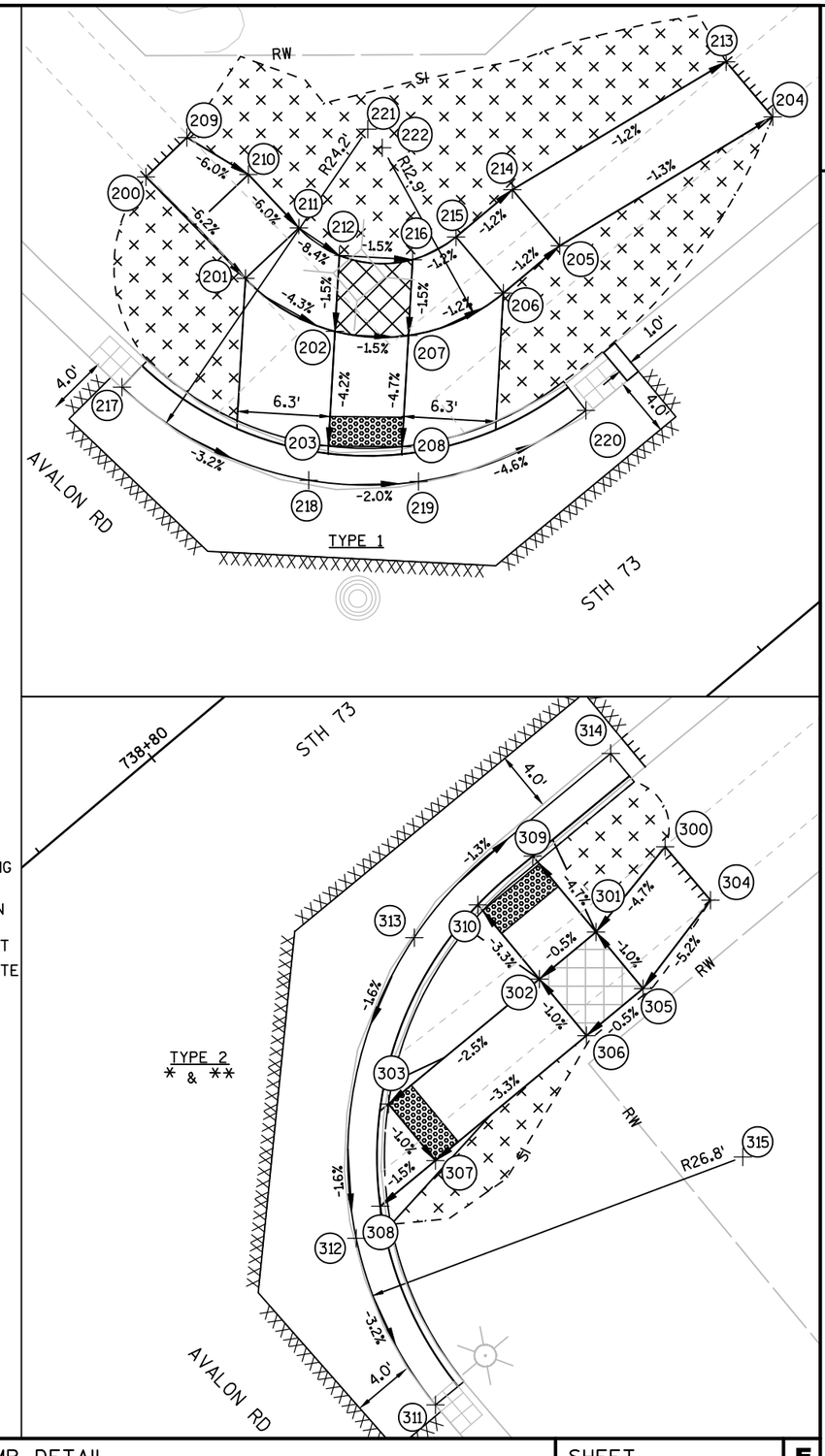
LEVEL LANDING

DETECTABLE WARNING FIELD

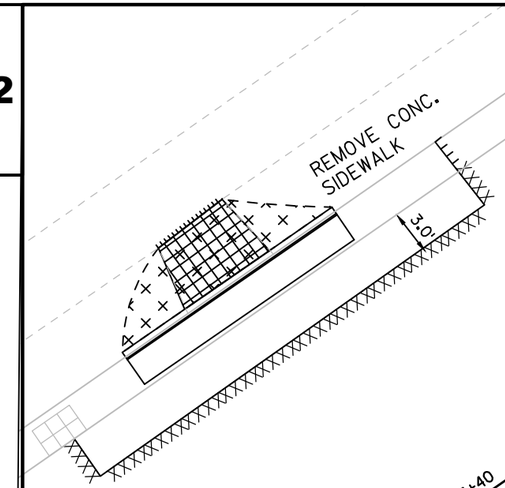
EROSION MAT URBAN CLASS I TYPE A

XXXX SAW CUT - ASPHALT

SAW CUT - CONCRETE



PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	SIDEWALK CURB RAMP DETAIL	SHEET 5	E



PT	-	PT	FT-FT	STA	OFF		ELEV
500	-	501	9.50	747+15.01	28.39	RT	862.43
501	-	502	5.00	747+24.47	27.80	RT	862.05
502				747+29.46	27.52	RT	861.85
503	-	504	14.82	747+14.92	33.05	RT	862.47
504	-	505	5.77	747+29.74	32.51	RT	861.92
505				747+35.51	32.19	RT	861.87
506	-	507	27.72	747+19.83	21.44	RT	861.90
507				747+40.97	37.40	RT	862.04
508				747+16.46	47.87	RT	
600	-	601	8.38	748+14.55	28.39	RT	861.68
601	-	602	4.95	748+06.28	29.68	RT	861.72
602	-	603	5.00	748+01.33	29.68	RT	861.74
603	-	604	10.25	747+96.33	29.68	RT	861.67
604				747+86.09	29.69	RT	861.46
605	-	606	8.36	748+14.51	33.07	RT	861.71
606	-	607	4.98	748+06.31	34.68	RT	861.78
607	-	608	5.00	748+01.33	34.68	RT	861.82
608	-	609	10.25	747+96.33	34.69	RT	861.74
609	-	610	4.97	747+86.09	34.69	RT	861.56
610				747+81.09	34.69	RT	861.50
611	-	612	1.27	748+01.33	23.01	RT	861.35
612	-	602	5.40	748+01.33	24.29	RT	861.37
613	-	603	5.40	747+96.33	24.29	RT	861.40
614				747+76.64	39.27	RT	861.68
615				748+03.82	21.00	RT	861.39
616				748+02.54	48.50	RT	
700	-	701	10.78	747+90.17	26.14	LT	861.89
701	-	702	5.00	748+00.94	25.94	LT	861.47
702	-	703	6.45	748+05.94	25.95	LT	861.44
703				748+12.39	26.11	LT	861.62
704	-	705	10.64	747+90.27	30.90	LT	862.00
705	-	706	5.00	748+00.91	30.94	LT	861.52
706	-	707	6.30	748+05.91	30.95	LT	861.49
707				748+12.21	30.89	LT	861.74
708	-	701	4.59	748+00.97	21.35	LT	861.25

GUTTER SLOPE MAY NEED TO BE ADJUSTED. MAX ROLLOVER OF 11%

-- CURB RAMP LOCATIONS, SLOPES, AND ELEVATIONS ARE ADVISORY ONLY. FIELD CONDITIONS MAY VARY. ALL RAMPS MUST COMPLY WITH WISDOT AND/OR ADA STANDARDS.

-- SIDEWALK AND CURB AND GUTTER MATCH LOCATIONS WILL BE DETERMINED BY THE FIELD ENGINEER.

* REDUCE CURB HEIGHT BETWEEN RAMPS TO ALLOW PROPER DRAINAGE. 2-INCH MIN. CURB HEIGHT.

** PLACE CONCRETE BETWEEN CURB RAMPS

LEVEL LANDING

DETECTABLE WARNING FIELD

EROSION MAT URBAN CLASS I TYPE A

XXXX SAW CUT - ASPHALT

SAW CUT - CONCRETE

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	SIDEWALK CURB RAMP DETAIL	SHEET 6	E

PT	-	PT	FT-FT	STA	OFF		ELEV
800	-	801	10.95	754+74.24	27.10	RT	860.47
801	-	802	5.00	754+85.14	26.89	RT	860.16
802	-	803	9.65	754+90.12	26.92	RT	860.17
803				754+99.71	27.15	RT	860.44
804	-	805	10.97	754+74.23	32.12	RT	860.55
805	-	806	5.00	754+85.12	31.89	RT	860.24
806	-	807	9.62	754+90.09	31.92	RT	860.24
807				754+99.64	32.10	RT	860.66
808	-	801	4.88	754+85.17	21.99	RT	859.85
809	-	802	4.96	754+90.15	21.96	RT	859.85
900	-	901	7.49	754+77.90	27.21	LT	859.66
901	-	902	5.00	754+85.40	28.05	LT	859.18
902	-	903	7.14	754+90.43	28.03	LT	859.11
903				754+97.61	27.98	LT	858.98
904	-	905	7.34	754+78.13	31.89	LT	859.66
905	-	906	5.00	754+85.42	33.05	LT	859.26
906	-	907	7.14	754+90.46	33.03	LT	859.18
907	-	908	5.48	754+97.65	32.98	LT	859.08
908				755+03.17	32.93	LT	859.01
909	-	902	4.05	754+90.41	23.98	LT	858.92
910	-	911	1.87	754+85.37	22.13	LT	858.88
911	-	901	4.05	754+85.38	24.01	LT	858.90
912				754+81.34	19.82	LT	858.98
913	-	914	13.35	755+07.26	35.77	LT	859.16
914				755+10.48	48.62	LT	859.49
915				754+81.08	48.92	LT	
1000	-	1001	15.65	755+69.68	27.13	LT	859.64
1001	-	1002	5.00	755+54.14	29.59	LT	859.39
1002				755+49.11	29.68	LT	859.31
1003	-	1004	16.08	755+70.12	31.56	LT	859.70
1004	-	1005	5.00	755+54.23	34.59	LT	859.46
1005	-	1006	4.57	755+49.19	34.68	LT	859.38
1006				755+44.60	34.76	LT	859.33
1007				755+67.22	19.82	LT	859.31
1008	-	1009	12.90	755+41.58	36.34	LT	859.48
1009				755+39.32	47.18	LT	859.59
1010				755+66.86	47.11	LT	

GUTTER SLOPE MAY NEED TO BE ADJUSTED. MAX ROLLOVER OF 11%

-- CURB RAMP LOCATIONS, SLOPES, AND ELEVATIONS ARE ADVISORY ONLY. FIELD CONDITIONS MAY VARY. ALL RAMPS MUST COMPLY WITH WISDOT AND/OR ADA STANDARDS.

-- SIDEWALK AND CURB AND GUTTER MATCH LOCATIONS WILL BE DETERMINED BY THE FIELD ENGINEER.

* REDUCE CURB HEIGHT BETWEEN RAMPS TO ALLOW PROPER DRAINAGE. 2-INCH MIN. CURB HEIGHT.

** PLACE CONCRETE BETWEEN CURB RAMPS

*** FLAT GRADE CONSTRUCT CURB AND GUTTER TO KEEP WATER FROM COLLECTING AT RAMP BOTTOM

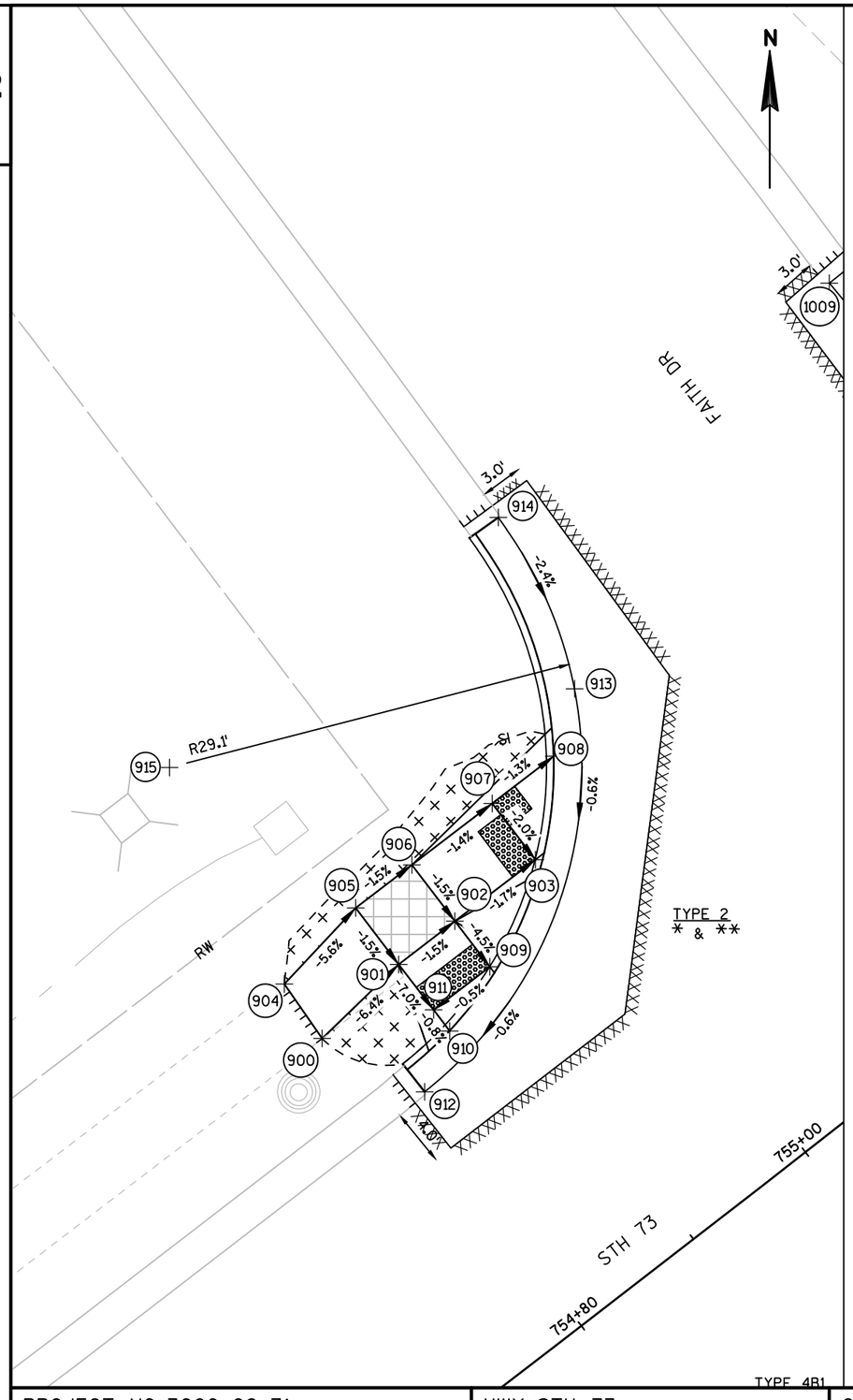
LEVEL LANDING

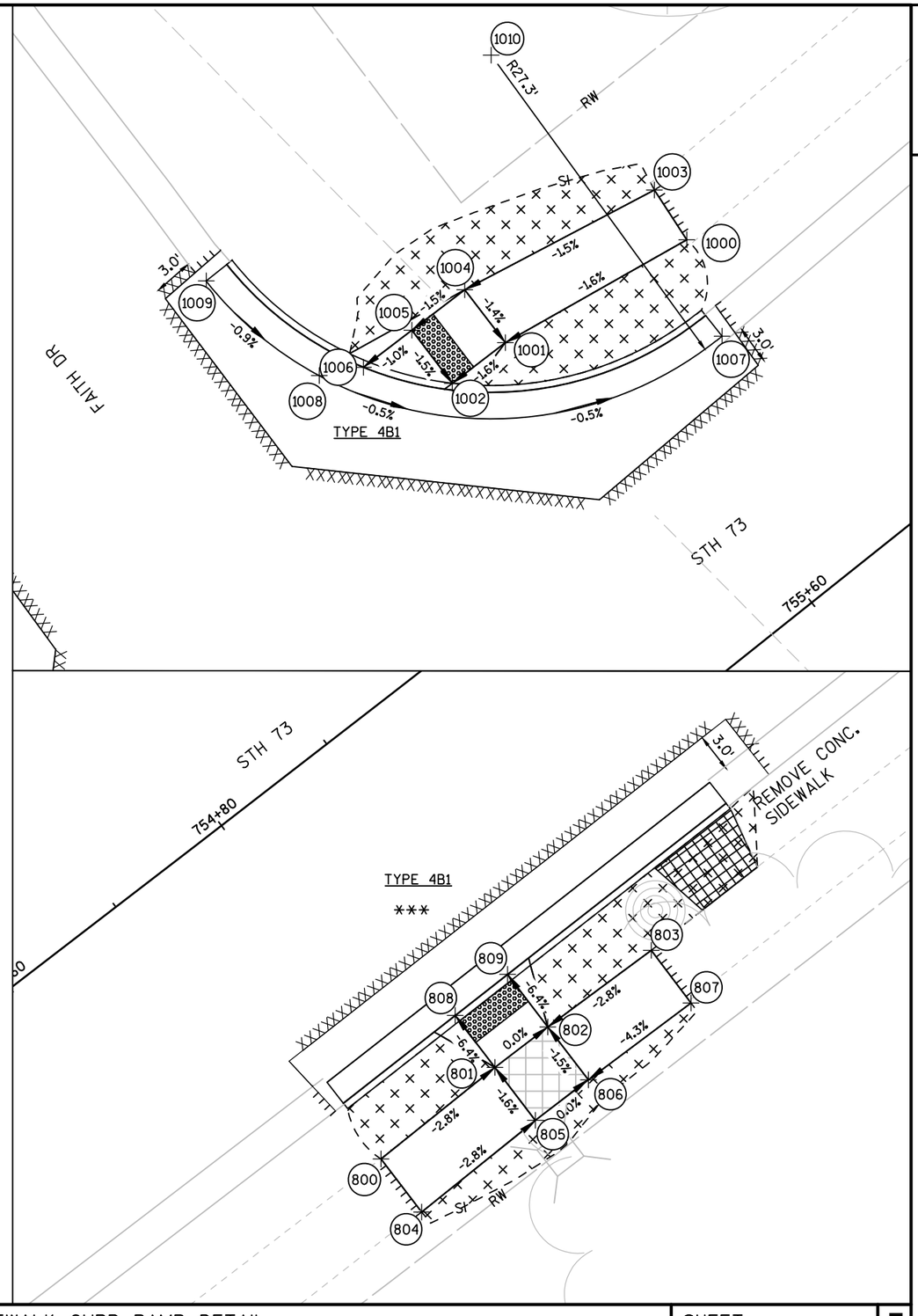
DETECTABLE WARNING FIELD

EROSION MAT URBAN CLASS I TYPE A

SAW CUT - ASPHALT

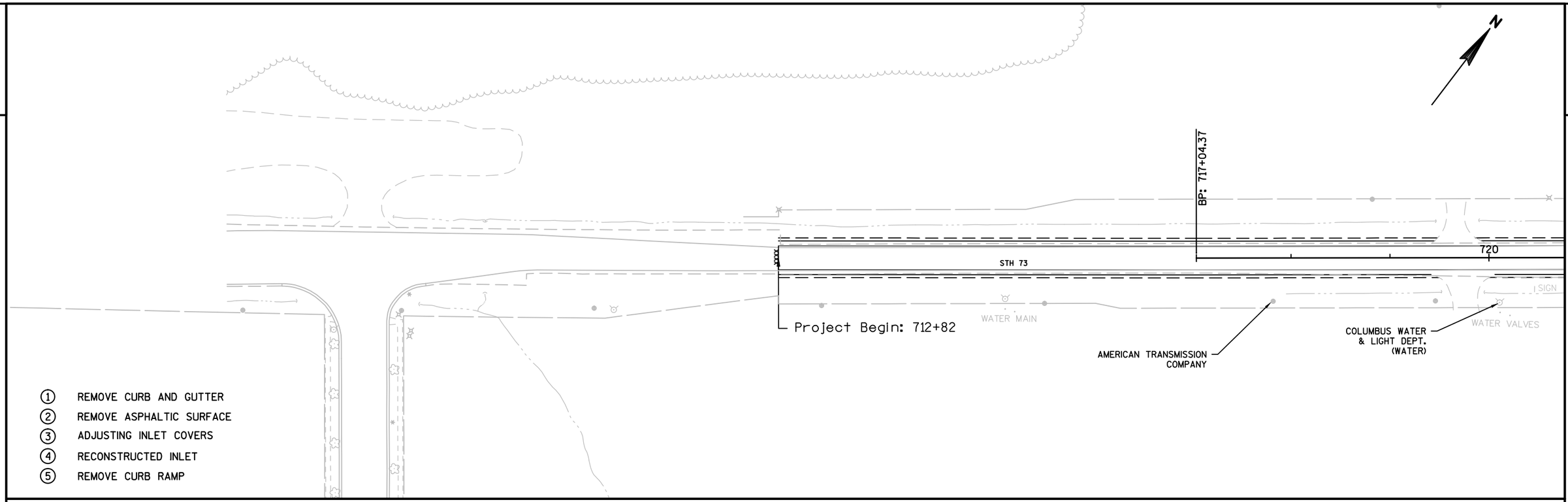
SAW CUT - CONCRETE

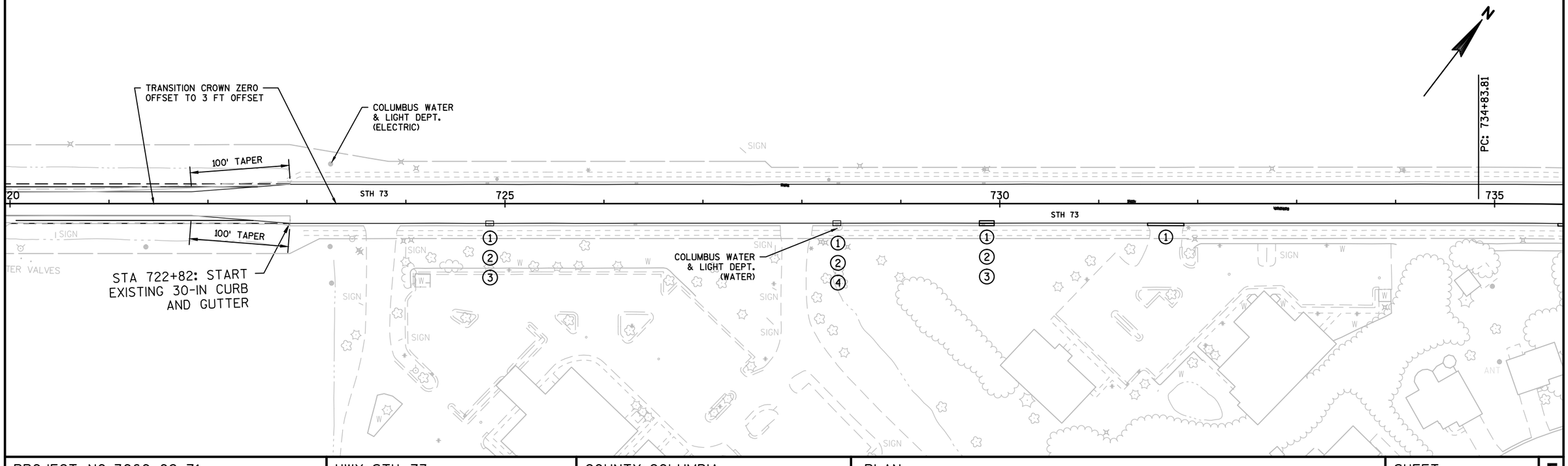




PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	SIDEWALK CURB RAMP DETAIL	SHEET 7	E

2





PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PLAN	SHEET 8	E

2

PC: 734+83.81

TYPE 2 CURB RAMP
SEE DETAIL

AVALON RD

TYPE 1 CURB RAMP
SEE DETAIL

AT&T

735

STH 73

740

PT: 744+34.28

TYPE 2 CURB RAMP
SEE DETAIL

AVALON RD

TYPE 2 CURB RAMP
SEE DETAIL

CHARTER
COMMUNICATIONS

745

TYPE 7B CURB RAMP
SEE DETAIL

COLUMBUS WATER
& LIGHT DEPT.
(WATER)

750

STH 73

TYPE 4B1 CURB RAMP
SEE DETAIL

FAIRWAY DR

TYPE 2 CURB RAMP
SEE DETAIL

COLUMBUS WATER
& LIGHT DEPT.
(ELECTRIC)

① REMOVE CURB AND GUTTER
② REMOVE ASPHALTIC SURFACE
③ ADJUSTING INLET COVERS
④ RECONSTRUCTED INLET
⑤ REMOVE CURB RAMP

PC: 752+20.44

TYPE 2 CURB RAMP
SEE DETAIL

750

STH 73

SIREN

AT&T

FAITH DR

TYPE 4B1 CURB RAMP
SEE DETAIL

PT: 757+53.39

Project End: 756+72.20

EP: 759+99.86

755

STH 73

COLUMBUS WATER
& LIGHT DEPT.
(ELECTRIC)

COLUMBUS WATER
& LIGHT DEPT.
(WATER)

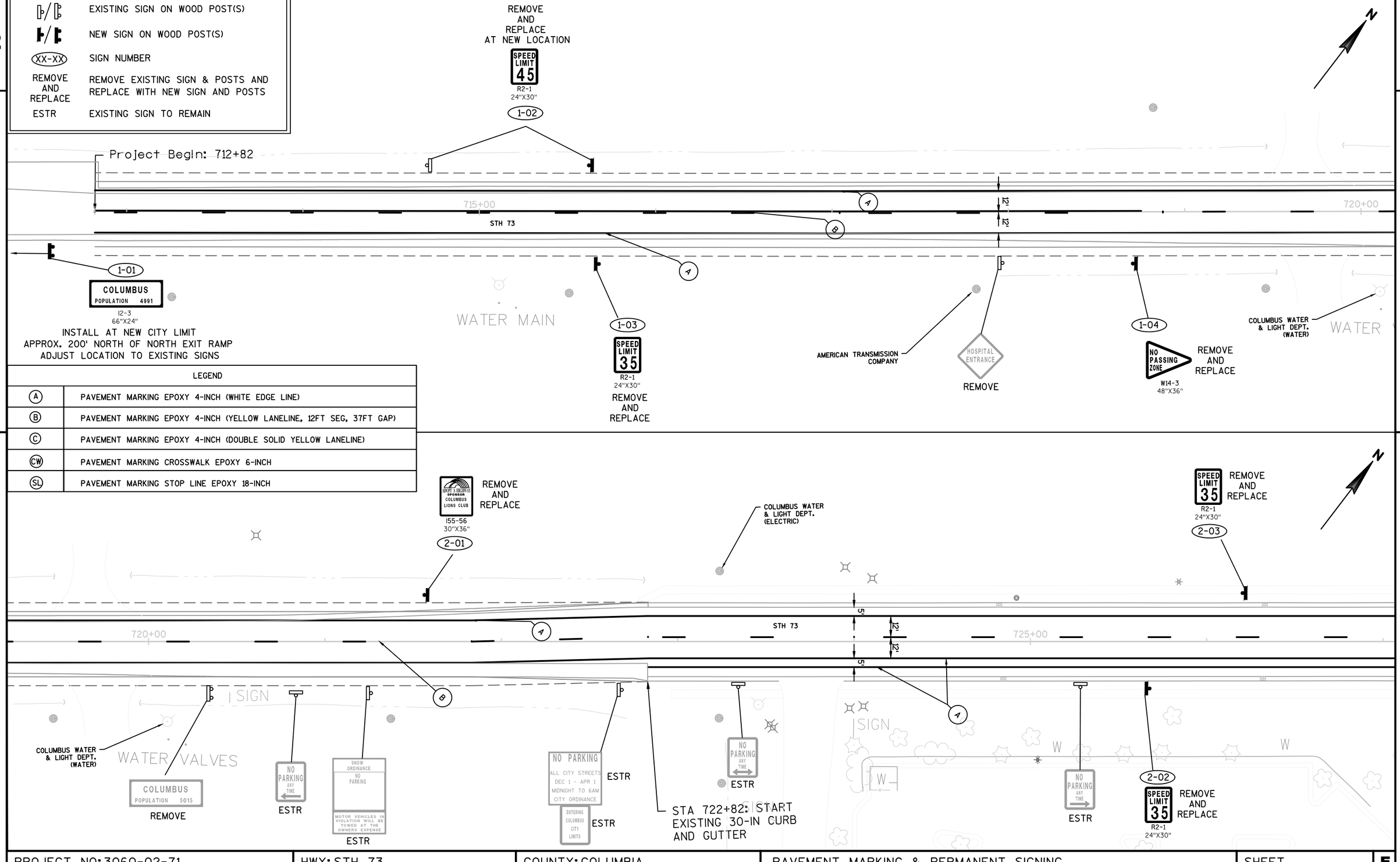
TRANSITION CROWN 3 FT OFFSET
TO ZERO OFFSET

TYPE 7B CURB RAMP
SEE DETAIL

REMOVE CURB RAMP
SEE DETAIL

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PLAN	SHEET 9	E

	EXISTING SIGN ON WOOD POST(S)
	NEW SIGN ON WOOD POST(S)
XX-XX	SIGN NUMBER
REMOVE AND REPLACE	REMOVE EXISTING SIGN & POSTS AND REPLACE WITH NEW SIGN AND POSTS
ESTR	EXISTING SIGN TO REMAIN



LEGEND	
A	PAVEMENT MARKING EPOXY 4-INCH (WHITE EDGE LINE)
B	PAVEMENT MARKING EPOXY 4-INCH (YELLOW LANELINE, 12FT SEG, 37FT GAP)
C	PAVEMENT MARKING EPOXY 4-INCH (DOUBLE SOLID YELLOW LANELINE)
CW	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
SL	PAVEMENT MARKING STOP LINE EPOXY 18-INCH

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PAVEMENT MARKING & PERMANENT SIGNING	SHEET 10 E

	EXISTING SIGN ON WOOD POST(S)
	NEW SIGN ON WOOD POST(S)
XX-XX	SIGN NUMBER
REMOVE AND REPLACE	REMOVE EXISTING SIGN & POSTS AND REPLACE WITH NEW SIGN AND POSTS
ESTR	EXISTING SIGN TO REMAIN

LEGEND	
A	PAVEMENT MARKING EPOXY 4-INCH (WHITE EDGE LINE)
B	PAVEMENT MARKING EPOXY 4-INCH (YELLOW LANELINE, 12FT SEG, 37FT GAP)
C	PAVEMENT MARKING EPOXY 4-INCH (DOUBLE SOLID YELLOW LANELINE)
CW	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
SL	PAVEMENT MARKING STOP LINE EPOXY 18-INCH

REMOVE

HOSPITAL ENTRANCE
W54-59
30"X30"
3-01

730+00

STH 73

5"
12"
12"
5"

COLUMBUS WATER & LIGHT DEPT. (WATER)

SIGN

REMOVE AND REPLACE
STOP
R1-1
30"X30"
4-03

AVALON RD

AT&T

735+00

740+00

REMOVE
HOSPITAL ENTRANCE

SPEED LIMIT 35
R2-1
24"X30"
4-01

4-02
REMOVE AND REPLACE
SPEED LIMIT 35
R2-1
24"X30"

WEIGHT LIMIT 4 TONS
ESTR

AVALON RD
ESTR

4-04
STOP
R1-1
30"X30"
REMOVE AND REPLACE

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PAVEMENT MARKING & PERMANENT SIGNING	SHEET 11 E

P/P	EXISTING SIGN ON WOOD POST(S)
P/P	NEW SIGN ON WOOD POST(S)
XX-XX	SIGN NUMBER
REMOVE AND REPLACE	REMOVE EXISTING SIGN & POSTS AND REPLACE WITH NEW SIGN AND POSTS
ESTR	EXISTING SIGN TO REMAIN

LEGEND	
(A)	PAVEMENT MARKING EPOXY 4-INCH (WHITE EDGE LINE)
(B)	PAVEMENT MARKING EPOXY 4-INCH (YELLOW LANELINE, 12FT SEG, 37FT GAP)
(C)	PAVEMENT MARKING EPOXY 4-INCH (DOUBLE SOLID YELLOW LANELINE)
(CW)	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
(SL)	PAVEMENT MARKING STOP LINE EPOXY 18-INCH

REMOVE AND REPLACE SPEED LIMIT 35 R2-1 24"X30" 5-01

REMOVE AND REPLACE SPEED LIMIT 35 R2-1 24"X30" 5-02

REMOVE AND REPLACE STOP R1-1 30"X30" 6-01

740+00 745+00 750+00

STH 73

5' 12' 12' 5'

CHARTER COMMUNICATIONS

COLUMBUS WATER & LIGHT DEPT. (WATER)

COLUMBUS WATER & LIGHT DEPT. (ELECTRIC)

AT&T

SIREN

FAIRWAY DR

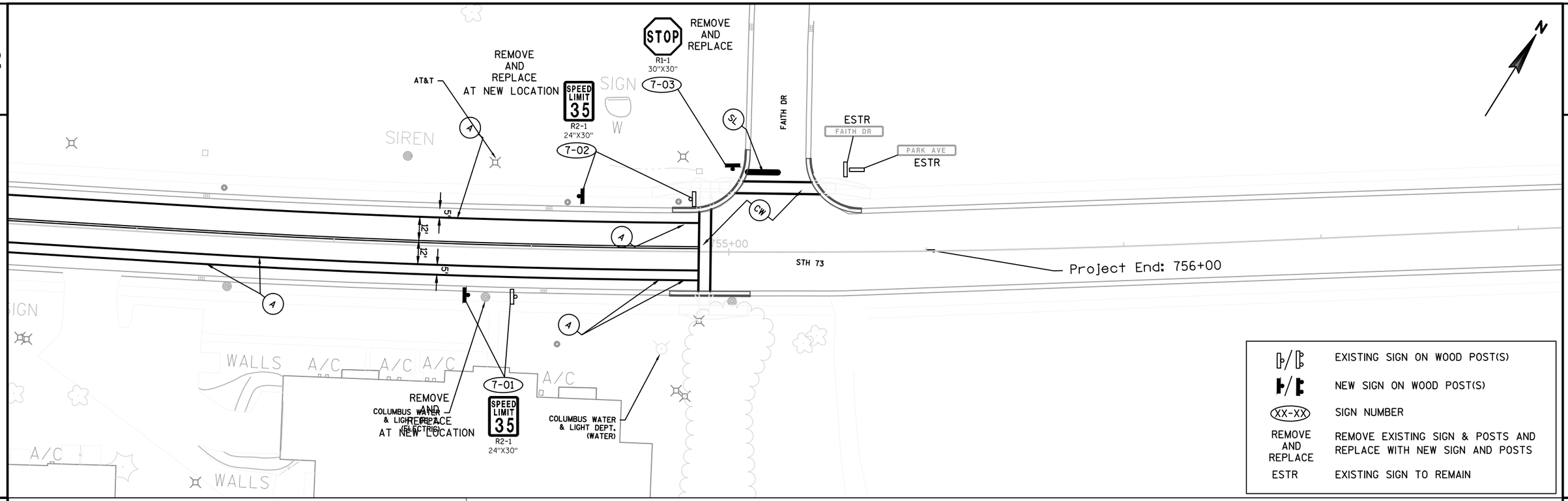
ESTR

WALLS A/C A/C A/C A/C

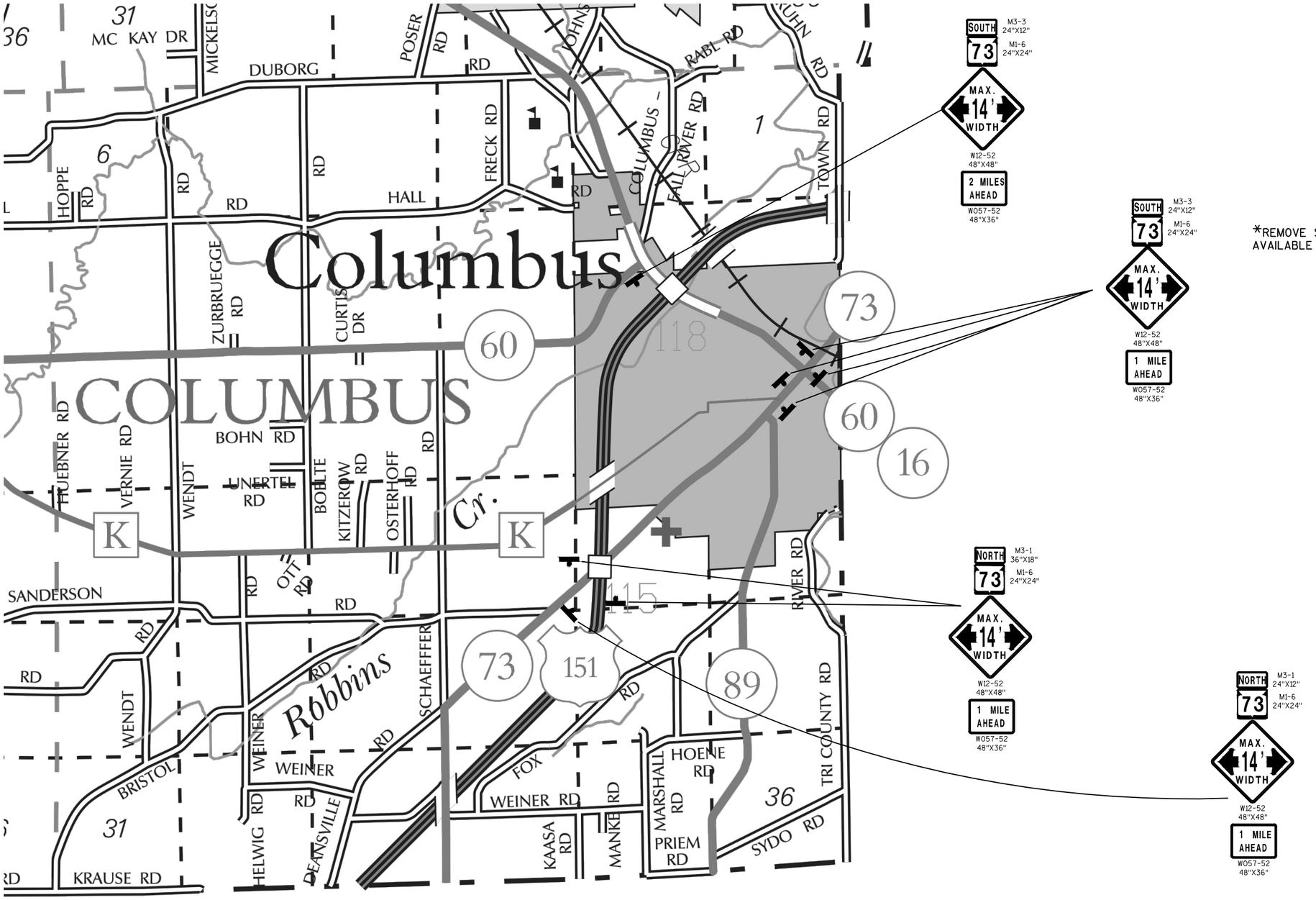
ANT

SIGN

PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PAVEMENT MARKING & PERMANENT SIGNING	SHEET 12	E

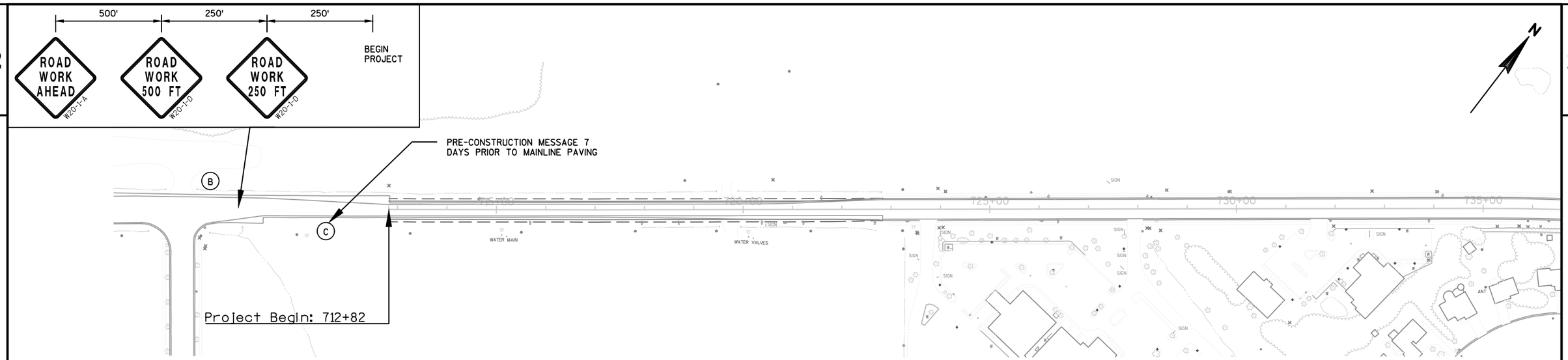


LEGEND	
(A)	PAVEMENT MARKING EPOXY 4-INCH (WHITE EDGE LINE)
(B)	PAVEMENT MARKING EPOXY 4-INCH (YELLOW LANELINE, 12FT SEG, 37FT GAP)
(C)	PAVEMENT MARKING EPOXY 4-INCH (DOUBLE SOLID YELLOW LANELINE)
(CW)	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH
(SL)	PAVEMENT MARKING STOP LINE EPOXY 18-INCH



*REMOVE SIGNS WHEN ADEQUATE WIDTH IS AVAILABLE AFTER STAGE 1.

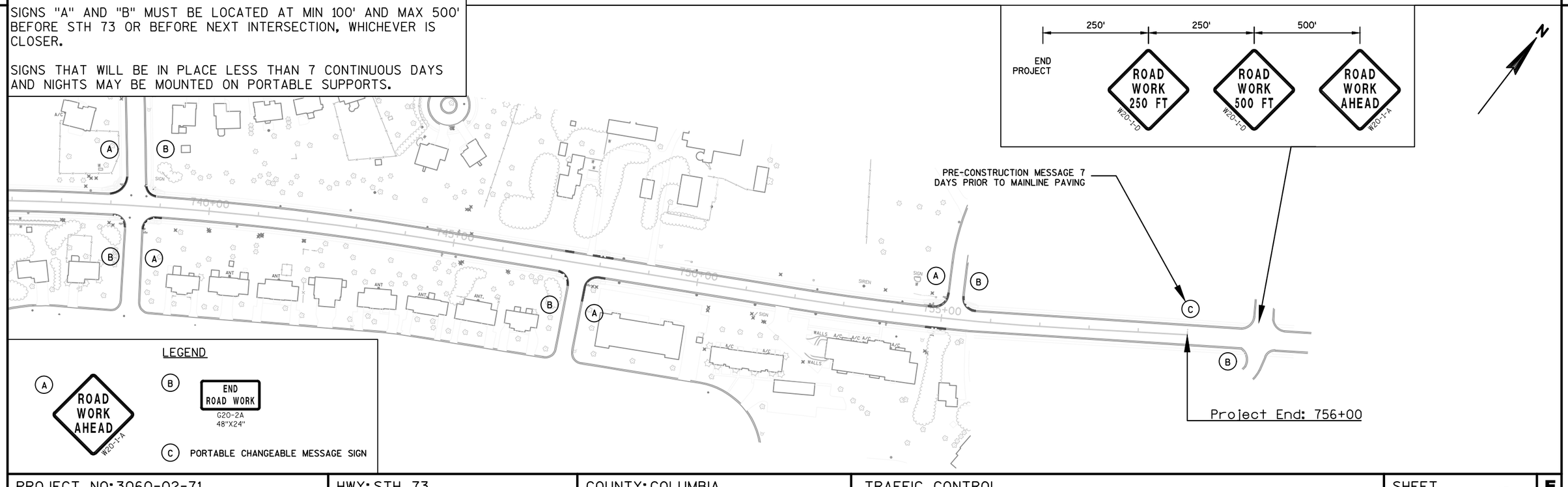
PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	STAGE 1 - MAXIMUM WIDTH SIGNING PLAN	SHEET 14	E



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

SIGNS "A" AND "B" MUST BE LOCATED AT MIN 100' AND MAX 500' BEFORE STH 73 OR BEFORE NEXT INTERSECTION, WHICHEVER IS CLOSER.

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



LEGEND

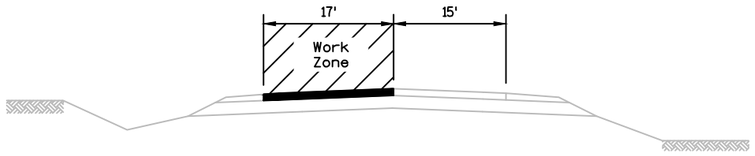
A — ROAD WORK AHEAD W20-1-A

B — END ROAD WORK G20-2A 48"X24"

C — PORTABLE CHANGEABLE MESSAGE SIGN

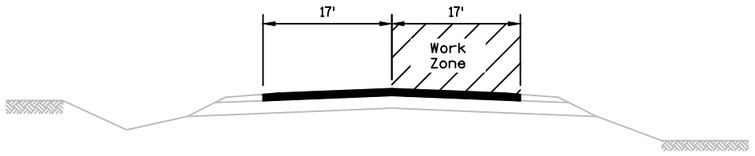
PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TRAFFIC CONTROL	SHEET 15	E

SEE S.D.D. 15 C 12-4: "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)" FOR FLAGGING OPERATION DETAILS TO BE USED DURING STAGE 1 & 2.



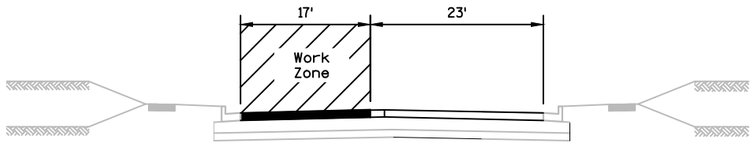
STAGE 1 - 2-INCH OVERLAY

STA. 712+82 - STA. 722+82



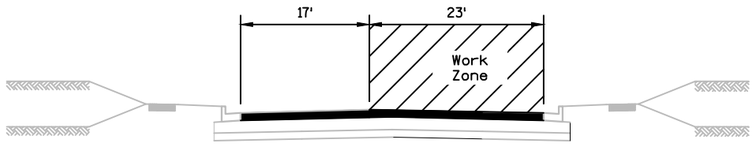
STAGE 2

STA. 712+82 - STA. 722+82



STAGE 1 - 2-INCH OVERLAY

STA. 722+82 - 756+00



STAGE 2

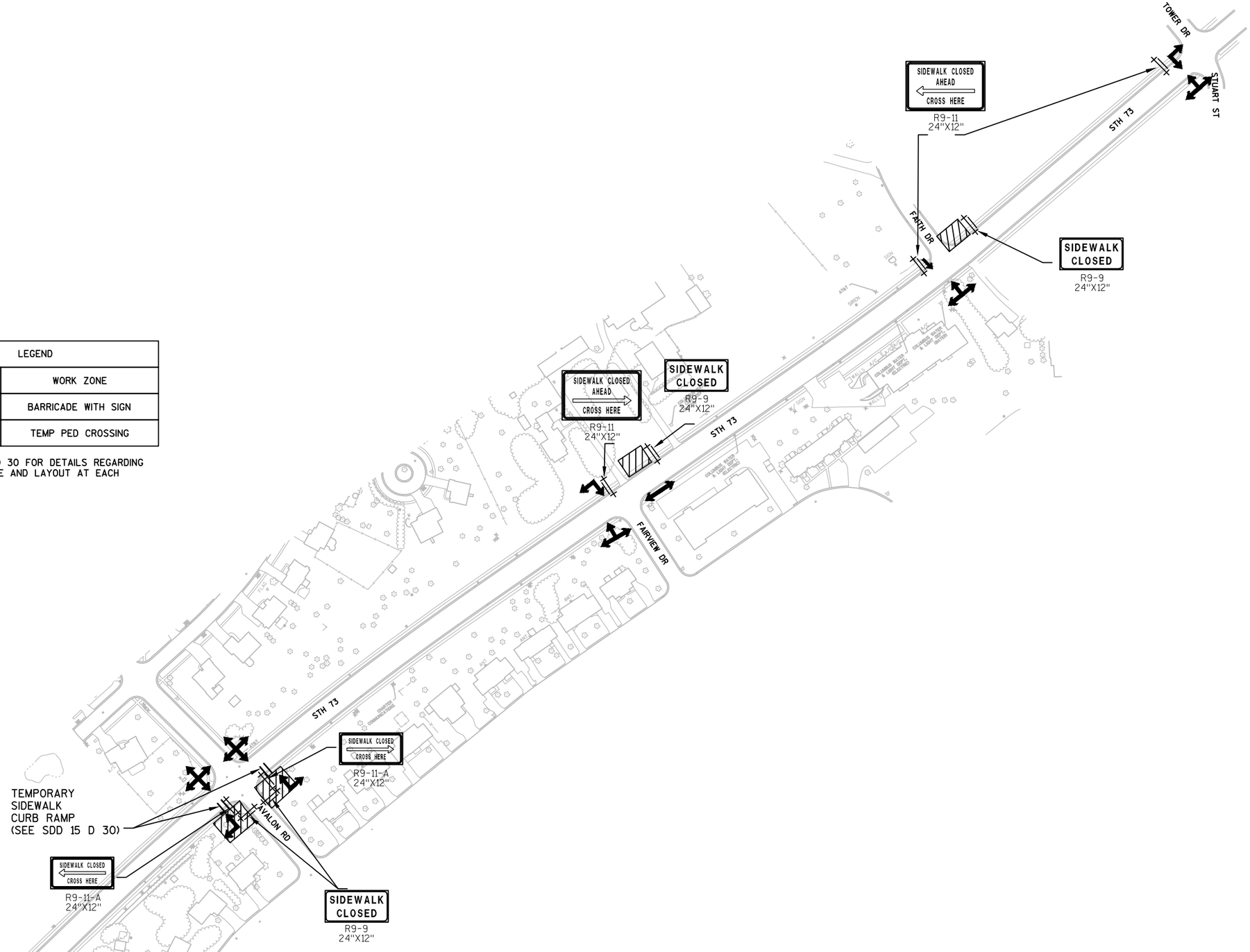
STA. 722+82 - 756+00

PROJECT NO:3060-02-71	HWY:STH 73	COUNTY:COLUMBIA	STAGING - PAVEMENT FLAGGING OPERATIONS	SHEET 16	E

2

LEGEND	
	WORK ZONE
	BARRICADE WITH SIGN
	TEMP PED CROSSING

*SEE SDD 15 D 30 FOR DETAILS REGARDING BARRICADE TYPE AND LAYOUT AT EACH INTERSECTION.

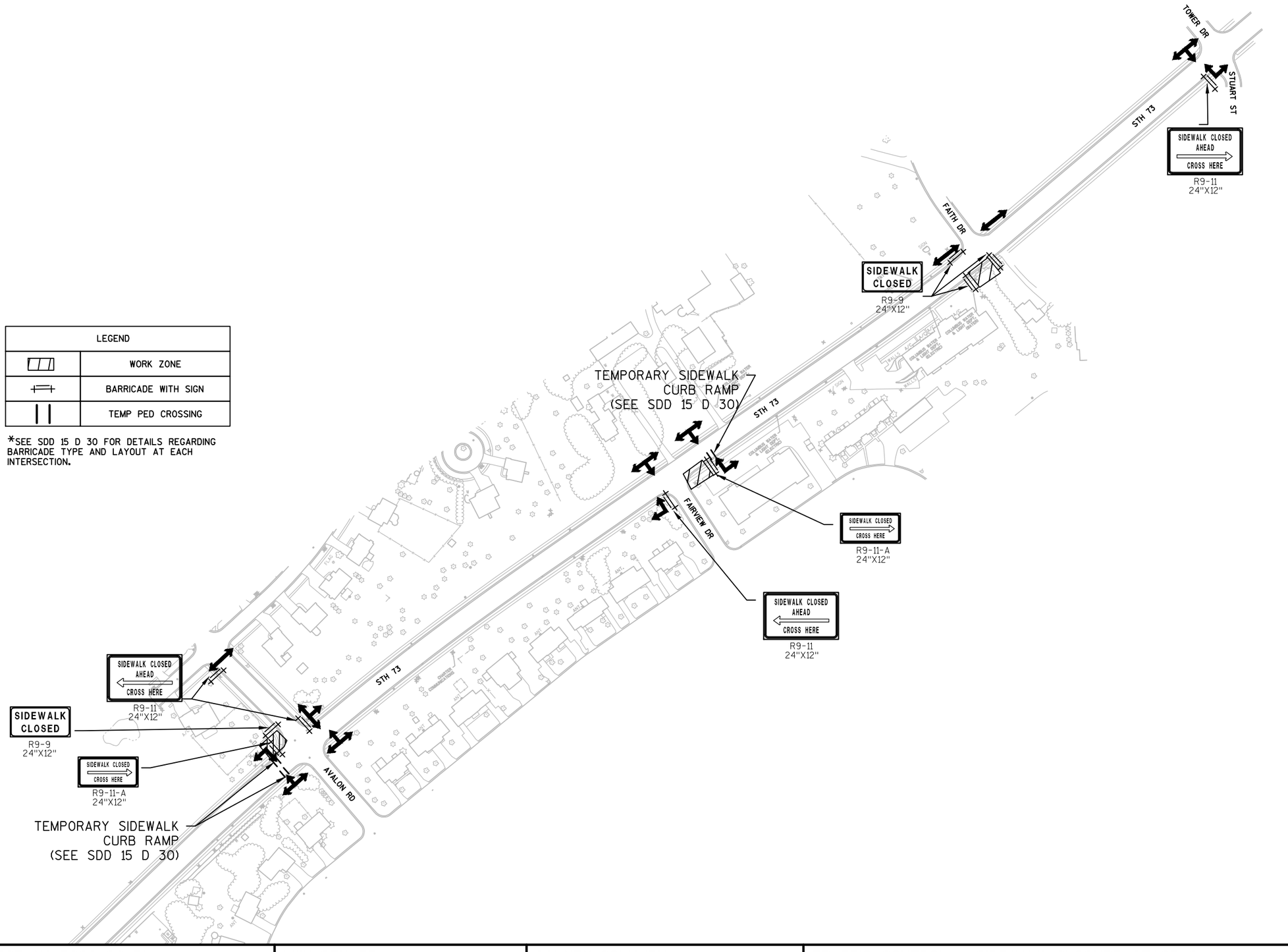


PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TRAFFIC CONTROL - SIDEWALK CLOSURE STAGE 1	SHEET 17	E

2

LEGEND	
	WORK ZONE
	BARRICADE WITH SIGN
	TEMP PED CROSSING

*SEE SDD 15 D 30 FOR DETAILS REGARDING BARRICADE TYPE AND LAYOUT AT EACH INTERSECTION.

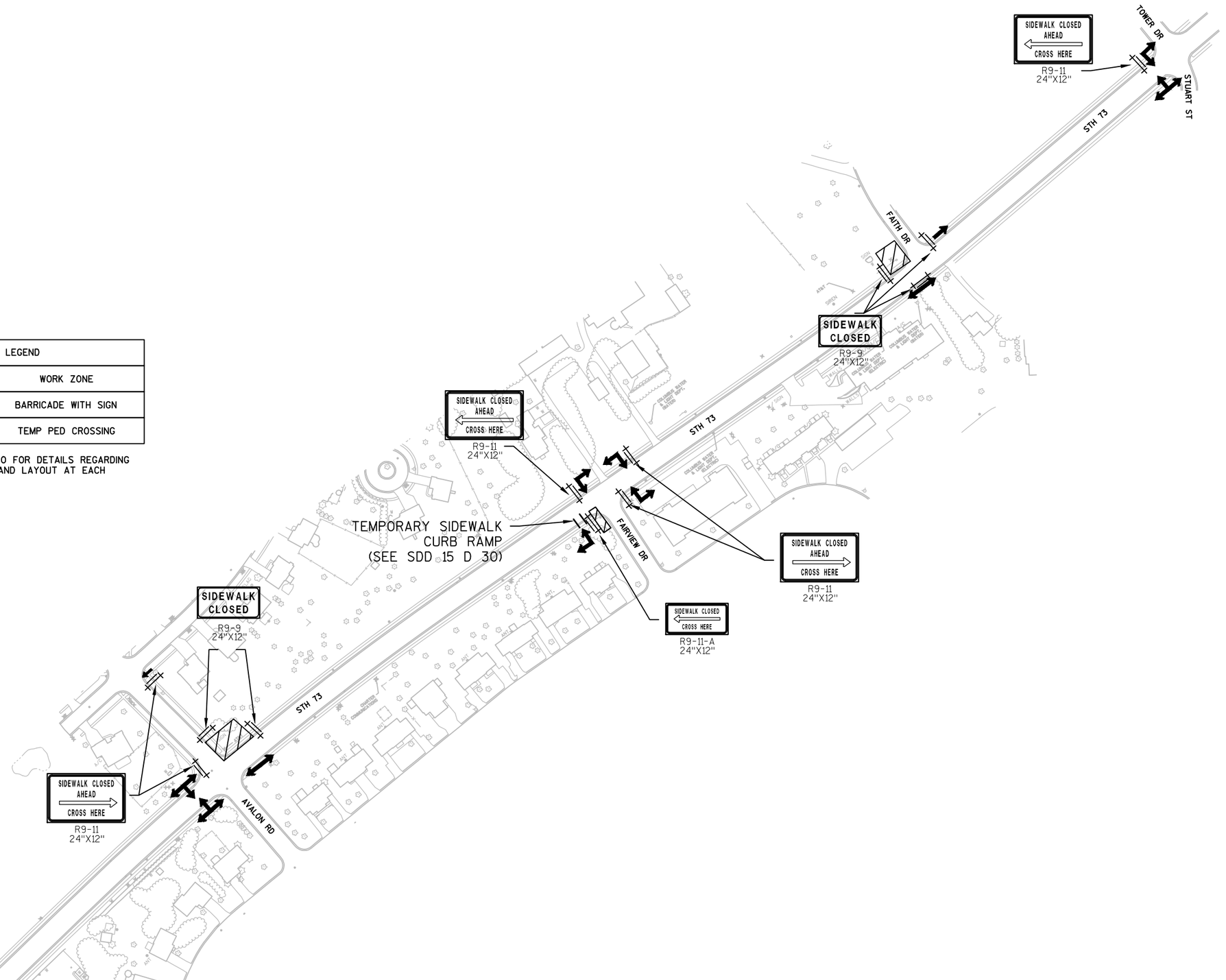


PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TRAFFIC CONTROL - SIDEWALK CLOSURE STAGE 2	SHEET 18	E

2

LEGEND	
	WORK ZONE
	BARRICADE WITH SIGN
	TEMP PED CROSSING

*SEE SDD 15 D 30 FOR DETAILS REGARDING BARRICADE TYPE AND LAYOUT AT EACH INTERSECTION.



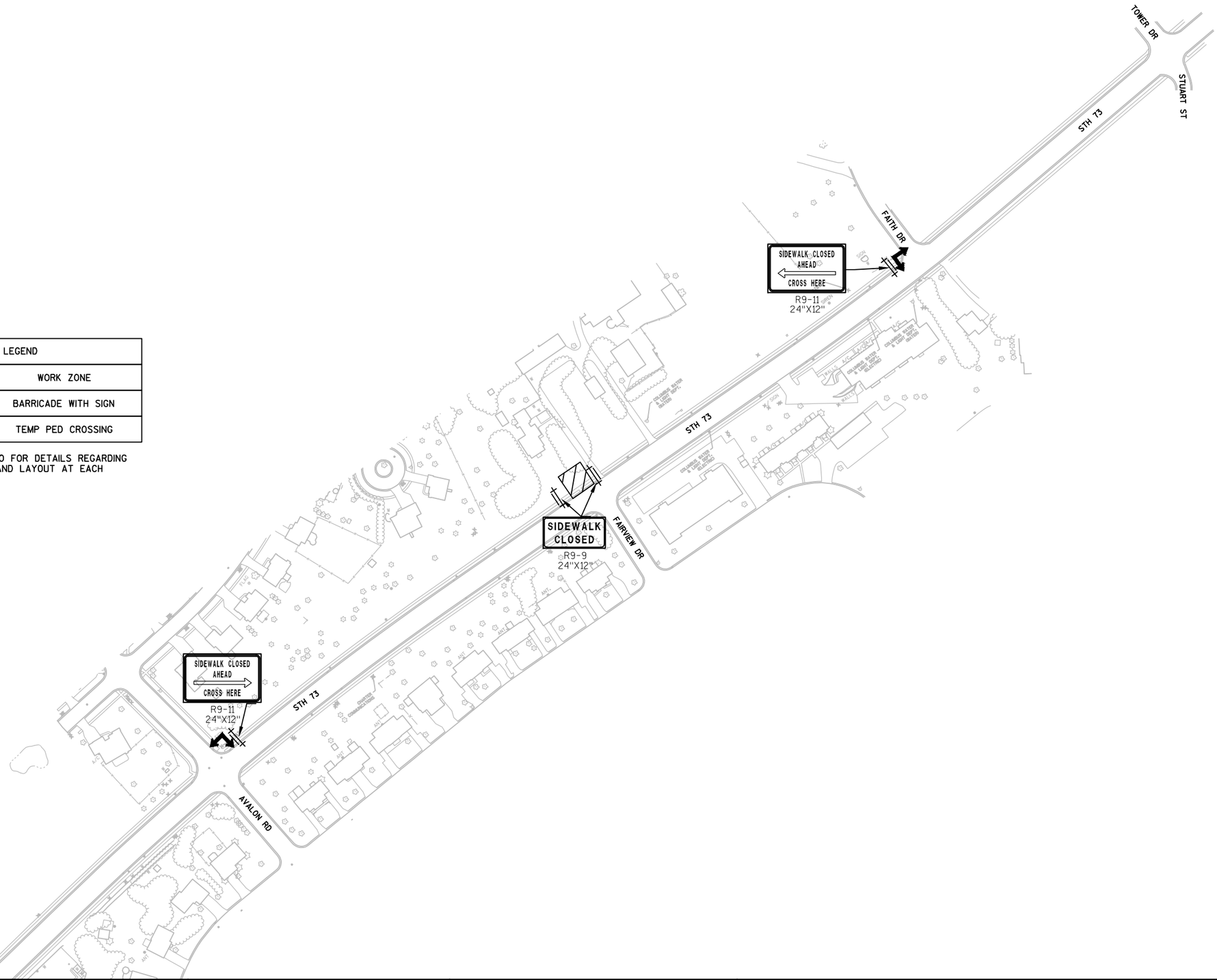
PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TRAFFIC CONTROL - SIDEWALK CLOSURE STAGE 3	SHEET 19	E

FILE NAME : N:\PDS\C3D\30600201\SHEETSPLAN\026101-S.DWG
LAYOUT NAME - ****
PLOT DATE : 1/31/2017 10:42 AM PLOT BY : BETZEL, LORRAINE L PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

LEGEND	
	WORK ZONE
	BARRICADE WITH SIGN
	TEMP PED CROSSING

*SEE SDD 15 D 30 FOR DETAILS REGARDING BARRICADE TYPE AND LAYOUT AT EACH INTERSECTION.



PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	TRAFFIC CONTROL - SIDEWALK CLOSURE STAGE 4	SHEET 20	E

3060-02-71

Line	Item	Item Description	Unit	Total	Qty
0002	204.0110	Removing Asphaltic Surface	SY	305.000	305.000
0004	204.0120	Removing Asphaltic Surface Milling	SY	18,300.000	18,300.000
0006	204.0150	Removing Curb & Gutter	LF	590.000	590.000
0008	204.0155	Removing Concrete Sidewalk	SY	173.000	173.000
0010	205.0100	Excavation Common	CY	41.000	41.000
0012	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	10.000	10.000
0014	305.0110	Base Aggregate Dense 3/4-Inch	TON	222.000	222.000
0016	305.0500	Shaping Shoulders	STA	10.000	10.000
0018	455.0605	Tack Coat	GAL	2,459.000	2,459.000
0020	460.5224	HMA Pavement 4 LT 58-28 S	TON	3,700.000	3,700.000
0022	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	590.000	590.000
0024	602.0410	Concrete Sidewalk 5-Inch	SF	2,145.000	2,145.000
0026	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	156.000	156.000
0028	611.0430	Reconstructing Inlets	EACH	1.000	1.000
0030	611.8115	Adjusting Inlet Covers	EACH	6.000	6.000
0032	619.1000	Mobilization	EACH	1.000	1.000
0034	624.0100	Water	MGAL	1.200	1.200
0036	625.0105	Topsoil	CY	14.000	14.000
0038	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0040	628.2006	Erosion Mat Urban Class I Type A	SY	206.000	206.000
0042	628.7010	Inlet Protection Type B	EACH	1.000	1.000
0044	628.7015	Inlet Protection Type C	EACH	27.000	27.000
0046	629.0210	Fertilizer Type B	CWT	0.200	0.200
0048	630.0130	Seeding Mixture No. 30	LB	5.500	5.500
0050	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	17.000	17.000
0052	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	2.000	2.000
0054	637.2210	Signs Type II Reflective H	SF	89.140	89.140
0056	637.2230	Signs Type II Reflective F	SF	12.250	12.250
0058	638.2602	Removing Signs Type II	EACH	18.000	18.000
0060	638.3000	Removing Small Sign Supports	EACH	18.000	18.000
0062	643.0300	Traffic Control Drums	DAY	1,155.000	1,155.000
0064	643.0410	Traffic Control Barricades Type II	DAY	161.000	161.000
0066	643.0420	Traffic Control Barricades Type III	DAY	266.000	266.000
0068	643.0705	Traffic Control Warning Lights Type A	DAY	854.000	854.000
0070	643.0715	Traffic Control Warning Lights Type C	DAY	385.000	385.000
0072	643.0900	Traffic Control Signs	DAY	978.000	978.000
0074	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0076	643.5000	Traffic Control	EACH	1.000	1.000
0078	646.1020	Marking Line Epoxy 4-Inch	LF	15,697.000	15,697.000
0080	646.6120	Marking Stop Line Epoxy 18-Inch	LF	80.000	80.000

3060-02-71

Line	Item	Item Description	Unit	Total	Qty
0082	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	697.000	697.000
0084	690.0150	Sawing Asphalt	LF	921.000	921.000
0086	690.0250	Sawing Concrete	LF	171.000	171.000
0088	SPV.0045	Special 01. Temporary Curb Ramps and Crosswalk	DAY	42.000	42.000
0090	SPV.0060	Special 01. Adjusting Valve Boxes	EACH	2.000	2.000
0092	SPV.0060	Special 02. Construction Staking Curb Ramp, Curb and Gutter, and Sidewalk	EACH	11.000	11.000
0094	SPV.0180	Special 01. Extra Depth Milling	SY	1,670.000	1,670.000
0096	SPV.0195	Special 01. HMA Pavement 4 LT 58-28 S; Extra Depth Paving	TON	185.000	185.000
0098	SPV.0195	Special 02. HMA Pavement 4 LT 58-28 S; Intermediate Paving	TON	90.000	90.000

ASPHALTIC ITEMS

CATEGORY	STATION	-	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0605 TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	SPV.0180.01 EXTRA DEPTH MILLING SY	SPV.0195.01 HMA PAVEMENT 4 LT 58-28 S; INTERMEDIATE PAVING TON	SPV.0195.02 HMA PAVEMENT 4 LT 58-28 S; EXTRA DEPTH PAVING TON
0010	724+80	-	724+88	RT	2	-	-	0.2	-	-	0.6	-
	728+31	-	728+39	RT	2	-	-	0.2	-	-	0.6	-
	729+79	-	729+95	RT	4	-	-	0.4	-	-	1.1	-
	737+97	-	738+36	LT	45	-	-	5	-	-	13.9	-
	738+04	-	738+37	RT	30	-	-	4	-	-	9.2	-
	738+61	-	739+06	RT	35	-	-	5	-	-	10.8	-
	738+64	-	738+93	LT	25	-	-	3	-	-	7.7	-
	744+30	-	744+38	RT	2	-	-	0.2	-	-	0.6	
	747+16	-	747+26	LT	2	-	-	0.2	-	-	0.6	
	747+19	-	747+47	RT	30	-	-	4	-	-	9.2	-
	747+20	-	747+52	LT	15	-	-	-	-	-	-	-
	747+72	-	748+05	RT	30	-	-	4	-	-	9.2	-
	747+86	-	748+25	LT	15	-	-	2	-	-	4.6	-
	754+04	-	754+12	LT	2	-	-	0.2	-	-	0.6	
	754+73	-	755+15	RT	15	-	-	2	-	-	4.6	-
	754+80	-	755+13	LT	30	-	-	4	-	-	9.2	-
	755+35	-	755+68	LT	30	-	-	4	-	-	9.2	-
	712+82	-	722+82	LT & RT	-	3400	10	500	795	-	-	-
	722+82	-	756+00	LT & RT	-	12704	-	1505	2461	-	-	-
	712+82	-	756+00	LT & RT	-	-		120		1670	-	185
0020	722+82	-	756+00	LT & RT	-	2196	-	295	444	-	-	-
				TOTALS	305	18300	10	2459	3700	1670	90	185

CURB & GUTTER ITEMS

CATEGORY	STATION	-	STATION	LOCATION	204.0150 REMOVING CURB & GUTTER LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF
0010	724+80	-	724+88	RT	5.5	5.5
	728+31	-	728+39	RT	5.5	5.5
	729+79	-	729+95	RT	13.5	13.5
	731+49	-	731+86	RT	37	37
	735+64	-	735+80	RT	16	16
	737+80	-	737+95	LT	15	15
	737+99	-	738+31	LT	54	54
	738+06	-	738+33	RT	44	44
	738+67	-	739+05	RT	53	53
	738+68	-	738+92	LT	35	35
	738+95	-	738+96	LT	1	1
	744+30	-	744+38	RT	5.5	5.5
	745+33	-	745+46	LT	13	13
	745+33	-	745+46	RT	13	13
	747+16	-	747+43	LT	25	25
	747+20	-	747+43	RT	43	43
	747+76	-	748+04	RT	36	36
	747+83	-	748+23	LT	40	40
	754+04	-	754+12	LT	5.5	5.5
	754+71	-	755+11	RT	40	40
	754+71	-	755+10	LT	46	46
	755+39	-	755+67	LT	44	44
				TOTALS	590	590

CONCRETE SIDEWALK ITEMS

CATEGORY	STATION	-	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY	602.0410 CONCRETE SIDEWALK 5-INCH SF
0010	737+87	-	738+17	LT	24	290
	737+97	-	738+21	RT	15	155
	738+71	-	739+02	RT	15	185
	738+73	-	739+14	LT	34	375
	747+15	-	747+36	RT	12	375
	747+32	-	747+39	LT	3	-
	747+80	-	748+15	RT	17	205
	747+90	-	748+13	LT	12	140
	754+74	-	755+11	RT	18	160
	754+77	-	755+04	LT	12	140
	755+44	-	755+70	LT	11	120
				TOTALS	173	2145

BASE AGGREGATE DENSE 3/4-INCH

CATEGORY	STATION	-	STATION	LOCATION	305.0110 TON	REMARKS
0010	712+82	-	722+82	LT & RT	110	SHOULDERS
	737+87	-	738+17	LT	12	SIDEWALK
	737+97	-	738+21	RT	7	SIDEWALK
	737+97	-	738+36	LT	3	CURB & GUTTER
	738+04	-	738+37	RT	3	CURB & GUTTER
	738+61	-	739+06	RT	3	CURB & GUTTER
	738+64	-	738+93	LT	2	CURB & GUTTER
	738+71	-	739+02	RT	8	SIDEWALK
	738+73	-	739+14	LT	15	SIDEWALK
	747+15	-	747+36	RT	15	SIDEWALK
	747+19	-	747+47	RT	2	CURB & GUTTER
	747+20	-	747+52	LT	1	CURB & GUTTER
	747+72	-	748+05	RT	2	CURB & GUTTER
	747+80	-	748+15	RT	9	SIDEWALK
	747+86	-	748+25	LT	1	CURB & GUTTER
	747+90	-	748+13	LT	6	SIDEWALK
	754+73	-	755+15	RT	1	CURB & GUTTER
	754+74	-	755+11	RT	7	SIDEWALK
	754+77	-	755+04	LT	6	SIDEWALK
	754+80	-	755+13	LT	2	CURB & GUTTER
	755+35	-	755+68	LT	2	CURB & GUTTER
	755+44	-	755+70	LT	5	SIDEWALK
				TOTAL	222	

EXCAVATION COMMON

CATEGORY	STATION	-	STATION	LOCATION	205.0100 CY
0010	737+87	-	738+17	LT	5
	737+97	-	738+21	RT	3
	738+72	-	739+02	RT	4
	738+73	-	739+14	LT	7
	747+15	-	747+36	RT	7
	747+82	-	748+15	RT	4
	747+90	-	748+13	LT	3
	754+74	-	755+11	RT	3
	754+78	-	755+02	LT	3
	755+47	-	755+70	LT	2
				TOTAL	41

SHAPING SHOULDERS

CATEGORY	STATION	-	STATION	LOCATION	305.0500 STA
0010	712+82	-	722+82	LT & RT	10
				TOTAL	10

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CURB RAMP DETECTABLE WARNING FIELD YELLOW

CATEGORY	STATION	LOCATION	602.0505 SF
0010	738+06	LT	10
	738+18	LT	10
	738+10	RT	10
	738+20	RT	12
	738+75	LT	10
	738+77	RT	10
	738+90	RT	10
	747+30	RT	12
	748+01	LT	10
	747+85	RT	10
	748+01	RT	10
	754+85	LT	10
	754+96	LT	12
	755+48	LT	10
	754+85	RT	10
		TOTAL	156

INLET ITEMS

CATEGORY	STATION	LOCATION	611.0430 RECONSTRUCTING INLETS EACH	611.8115 ADJUSTING INLET COVERS EACH
0010	724+84	RT	-	1
	728+35	RT	1	-
	729+83	RT	-	1
	738+93	LT	-	1
	744+33	RT	-	1
	747+20	LT	-	1
	754+08	LT	-	1
		TOTAL	1	6

ADJUSTING VALVE BOXES

CATEGORY	STATION	OFFSET	SPV.0060.01 EACH
0010	738+76	26.4 LT	1
	755+04	33.5 LT	1
		TOTAL	2

INLET PROTECTION

CATEGORY	STATION	LOCATION	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH
0010	724+82	LT	-	1
	726+33	RT	-	1
	726+33	LT	-	1
	728+35	RT	-	1
	728+35	LT	-	1
	729+82	LT	-	1
	729+82	RT	-	1
	735+81	LT	-	1
	735+81	RT	-	1
	737+96	LT	-	1
	738+33	LT	-	1
	738+33	LT	-	1
	738+65	RT	-	1
	738+69	RT	-	1
	738+93	LT	-	1
	741+34	LT	-	1
	741+34	LT	-	1
	744+33	LT	-	1
	744+33	RT	-	1
	747+18	LT	-	1
	747+18	RT	-	1
	749+86	RT	-	1
	749+86	LT	-	1
	752+34	LT	-	1
	752+34	RT	-	1
	754+07	RT	-	1
	754+07	LT	-	1
	754+74	RT	1	-
		TOTAL	1	27

FINISHING ITEMS

CATEGORY	STATION	-	STATION	LOCATION	624.0100 WATER MGAL	625.0105 TOPSOIL CY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB
0010	737+90	-	738+25	LT	-	2.0	31	-	0.5
	737+97	-	738+27	RT	-	0.5	6	-	0.5
	738+72	-	739+04	RT	-	1.0	10	-	0.5
	738+71	-	739+14	LT	-	3.5	58	-	0.5
	747+15	-	747+28	RT	-	0.5	6	-	0.5
	747+26	-	747+43	LT	-	0.5	6	-	0.5
	747+85	-	748+14	RT	-	1.0	12	-	0.5
	747+87	-	748+24	LT	-	1.5	26	-	0.5
	754+74	-	755+13	RT	-	1.5	21	-	0.5
	754+78	-	755+03	LT	-	0.5	9	-	0.5
	755+49	-	755+70	LT	-	1.5	21	-	0.5
	712+82	-	756+00	-	1.2	-	-	0.2	-
				TOTALS	1.2	14.0	206	0.2	5.5

MOBILIZATION

CATEGORY	PROJECT	619.1000 EACH
0010	3060-02-71	0.88
0020	3060-02-71	0.12
	TOTAL	1

EROSION CONTROL MOBILIZATION

CATEGORY	PROJECT	628.1905 EACH
0010	3060-02-71	2

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PERMANENT SIGNING / SIGN REMOVAL SUMMARY

CATEGORY	SIGN NO.	STATION	LOCATION	SIGN CODE	SIZE (IN)	634.0614 POSTS WOOD 4x6-INCH 14-FT EACH	634.0616 POSTS WOOD 4x6-INCH 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	SIGN MESSAGE
0010	1-01	-	RT	I2-3	66 X 24	2	-	11.00	-	-	-	COLUMBUS POPULATION
	1-02	715+70	LT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 45 M.P.H.
	1-03	715+70	RT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	-	718+00	RT	-	-	-	-	-	-	1	1	HOSPITAL ENTRANCE
	1-04	718+75	RT	W14-3	48 X 36	-	1	-	6.00	1	1	NO PASSING ZONE
	-	720+30	RT	-	-	-	-	-	-	1	1	COLUMBUS POPULATION
	2-01	721+60	LT	I55-56	30 X 36	-	1	7.50	-	1	1	ADOPT-A-HIGHWAY
	2-02	725+65	RT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	2-03	726+25	LT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	-	728+25	LT	-	-	-	-	-	-	1	1	HOSPITAL
	3-01	730+40	LT	W54-59	30 X 30	1	-	-	6.25	-	-	HOSPITAL ENTRANCE
	4-01	733+90	LT	R2-1	24 X 30	1	-	5.00	-	-	-	SPEED LIMIT 35 M.P.H.
	4-02	733+90	RT	R2-1	24 X 30	1	-	5.00	-	-	-	SPEED LIMIT 35 M.P.H.
	-	734+20	LT	-	-	-	-	-	-	1	1	HOSPITAL ENTRANCE
	4-03	738+30	LT	R1-1	30 X 30	1	-	5.16	-	1	1	STOP
	4-04	738+75	RT	R1-1	30 X 30	1	-	5.16	-	1	1	STOP
	5-01	744+80	RT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	5-02	745+15	LT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	6-01	747+80	RT	R1-1	30 X 30	1	-	5.16	-	1	1	STOP
	7-01	753+60	RT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	7-02	754+30	LT	R2-1	24 X 30	1	-	5.00	-	1	1	SPEED LIMIT 35 M.P.H.
	7-03	755+00	LT	R1-1	30 X 30	1	-	5.16	-	1	1	STOP
					TOTALS	17	2	89.14	12.25	18	18	

TRAFFIC CONTROL ITEMS

CATEGORY	STAGE	DAYS PER STAGE	LOCATION	643.0300 TRAFFIC CONTROL DRUMS *EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0410 TRAFFIC CONTROL BARRICADES TYPE II *EACH	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III *EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A *EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C *EACH	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0900 TRAFFIC CONTROL SIGNS *EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS *EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	SPV.0045.01 TEMPORARY CURB RAMPS AND CROSSWALK *EACH	SPV.0045.01 TEMPORARY CURB RAMPS AND CROSSWALK DAY
0010	1	7	STH 73	60	420	5	35	16	112	42	294	20	140	29	203	-	-	2	14
	2	7	STH 73	45	315	7	49	10	70	34	238	15	105	29	203	-	-	3	21
	3	7	STH 73	45	315	9	63	8	56	34	238	15	105	31	217	-	-	1	7
	4	7	STH 73	15	105	2	14	4	28	12	84	5	35	21	147	-	-	-	-
	PAVING	2	MAX WIDTH WARNING	-	-	-	-	-	-	-	-	-	-	48	96	-	-	-	-
	PAVING	7	STH 73	-	-	-	-	-	-	-	-	-	-	16	112	2	14	-	-
			TOTALS	1155		161		266		854		385		978		14		42	

*EACH IS FOR INFORMATIONAL PURPOSES ONLY

TRAFFIC CONTROL

CATEGORY	PROJECT	643.5000 EACH
0010	3060-02-71	1

PAVEMENT MARKING ITEMS

CATEGORY	STATION	-	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF
0010	712+82	-	718+75	RT & LT	1186	738	-	-
	718+75	-	722+82	RT & LT	814	100	-	-
	722+82	-	738+10	RT & LT	4584	375	-	-
	738+50			RT & LT	-	-	40	370
	738+90	-	748+00	RT & LT	2730	1820	20	167
	748+10	-	754+80	RT & LT	2010	1340	-	-
	755+25			RT & LT	-	-	20	160
				TOTALS	11324	4373	80	697
					15697			

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SAWING ASPHALT

CATEGORY	STATION		STATION	LOCATION	690.0150 LF
0010	712+82			-	30
	724+8	-	724+88	RT	12
	728+31	-	729+39	RT	12
	729+79	-	729+95	RT	20
	737+97	-	738+36	LT	77
	738+03	-	738+37	RT	66
	738+31	-	738+67	LT	36
	738+33	-	738+66	RT	33
	738+61	-	738+06	RT	73
	738+64	-	738+93	LT	54
	744+30	-	744+38	RT	12
	747+16	-	747+26	LT	12
	747+19	-	747+47	RT	62
	747+20	-	747+52	LT	37
	747+42	-	747+74	RT	32
	747+73	-	748+05	RT	56
	747+86	-	748+25	LT	44
	754+04	-	754+12	LT	12
	754+73	-	755+15	RT	48
	754+80	-	755+13	LT	64
	755+11	-	755+39	LT	28
	755+35	-	755+68	LT	61
	756+00			-	40
				TOTAL	921

CONSTRUCTION STAKING CURB RAMP, CURB AND GUTTER, AND SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0060.02 EACH
0010	737+80	-	738+32	LT	1
	737+98	-	738+32	RT	1
	738+66	-	739+05	RT	1
	738+68	-	739+07	LT	1
	747+15	-	747+44	RT	1
	747+26	-	747+44	LT	1
	747+74	-	748+16	RT	1
	747+83	-	748+24	LT	1
	754+60	-	755+11	LT	1
	754+70	-	755+11	RT	1
	755+39	-	755+68	LT	1
				TOTAL	11

SAWING CONCRETE

CATEGORY	STATION	OFFSET	LOCATION	690.0250 LF
0010	724+80	20	RT	2.5
	724+88	20	RT	2.5
	728+31	20	RT	2.5
	728+39	20	RT	2.5
	729+79	20	RT	2.5
	729+95	20	RT	2.5
	735+64	20	RT	2.5
	735+80	20	RT	2.5
	737+80	20	LT	2.5
	737+95	20	LT	2.5
	737+87	27.7	LT	5.0
	737+97	27	RT	5.0
	737+98	21	LT	2.5
	738+05	20	RT	2.5
	738+14	48	LT	3.5
	738+81	52	LT	4.0
	738+95	20	LT	2.5
	738+96	20	LT	2.5
	739+03	27	RT	5.0
	739+14	28	LT	5.0
	744+30	20	RT	2.5
	744+38	20	RT	2.5
	745+33	20	LT	2.5
	745+33	20	LT	2.5
	745+46	20	RT	2.5
	745+46	20	RT	2.5
	747+16	20	LT	2.5
	747+26	20	LT	2.5
	747+21	29	RT	4.5
	747+26	19	LT	2.5
	747+35	24	LT	6.0
	747+43	19	LT	2.5
	747+43	52	RT	2.5
	747+77	39	RT	2.5
	747+87	19	LT	2.5
	747+90	27	LT	5.0
	748+04	21	LT	2.5
	748+12	27	LT	5.0
	748+15	29	RT	5.0
	748+24	19	LT	2.5

SAWING CONCRETE

CATEGORY	STATION	OFFSET	LOCATION	690.0250 LF
	754+04	20	LT	2.5
	754+12	20	LT	2.5
	754+74	27	RT	5.0
	754+75	22	RT	2.5
	754+78	29	LT	5.0
	754+81	22	LT	2.5
	755+00	28	RT	5.0
	755+07	25	RT	6.0
	755+10	48	LT	2.5
	755+11	21	RT	2.5
	755+40	47	LT	2.5
	755+67	20	LT	2.5
	755+70	28	LT	4.5
			TOTAL	171

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET

3060-02-21

IH 94 - COLUMBUS

HERITAGE WAY TO FAITH DRIVE

STH 73

COLUMBIA COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⧓	⧒

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER (25)
UTILITY NUMBER (40)
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

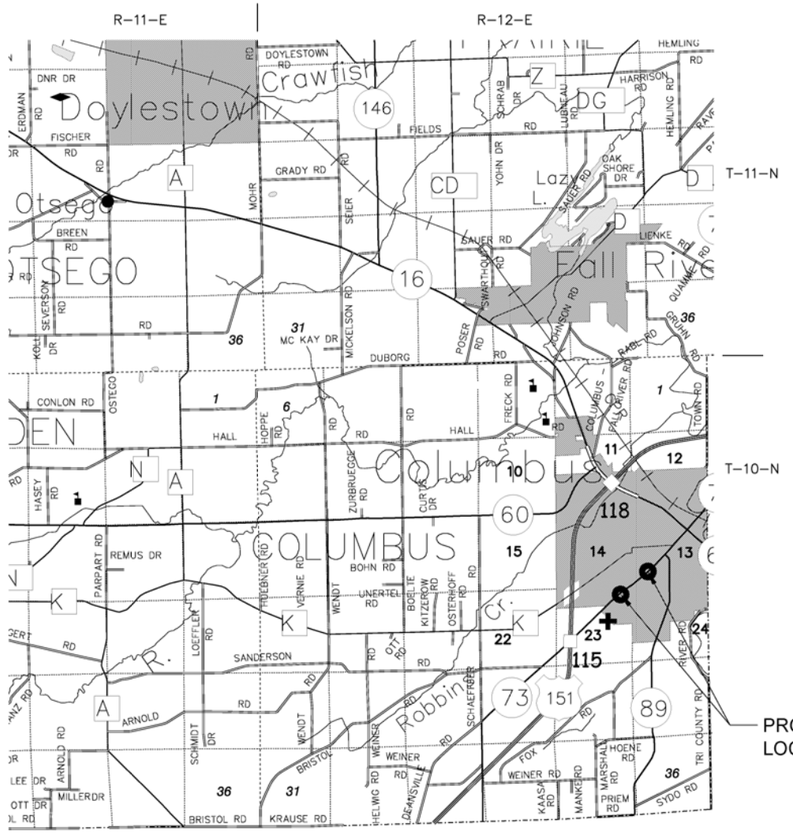
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS



GN

LAYOUT
SCALE 0 1.0 MI.

THE NOTES, CONVENTIONAL SIGHS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 3060-02-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), COLUMBIA COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS ARE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBAR), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL TLEs ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION REGIONAL OFFICE IN MADISON.

EXISTING ACCESS CONTROL ALONG STH 73 ESTABLISHED FROM EXISTING SUBDIVISION PLATS OF PARKVIEW ADDITION, HIGHLAND RIDGE, AND PARKVIEW APARTMENTS.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 73 ESTABLISHED FROM PREVIOUS PROJECT 3061-01-21, PLAT OF PARKVIEW ADDITION, PLAT OF HIGHLAND RIDGE, PLAT OF PARKVIEW APARTMENTS, CSM NO. 1261, CSM NO. 4513, CSM NO. 3393, AND CONVEYANCE OF LANDS DOCUMENTS RECORDED IN VOL. 38, PAGE 509 AND VOL. 38, PAGE 510.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3060-02-21 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

FILE NAME : P:\90S\93\00093337\CADD\BASEDATA\SURVEY\00093337 STH 73 TPP TITLE AND COORDS.DWG
APPRAISAL PLAT DATE : 09-01-2016
PLOT DATE : 12/14/2012 7:46 PM
PLOT BY : KEVIN LORD
PLOT NAME : _____

TRANSPORTATION PROJECT PLAT NO: 3060-02-21 - 4.01

THAT PART LOT 8, BLOCK 2 OF THE PLAT OF PARKVIEW ADDITION LOCATED IN THE NE 1/4 OF THE NE 1/4 OF SECTION 23, T10N, R12E, CITY OF COLUMBUS, COLUMBIA COUNTY, WISCONSIN

RELOCATION ORDER STH 73, IH 94 - COLUMBUS, COLUMBIA COUNTY (HERITAGE WAY TO FAITH DRIVE)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 73 ESTABLISHED FROM PREVIOUS PROJECT 3061-01-21, PLAT OF PARKVIEW ADDITION, PLAT OF HIGHLAND RIDGE, CSM NO. 1261, CSM NO. 4513 AND CONVEYANCE OF LANDS DOCUMENT RECORDED IN VOL. 38, PAGE 509.

EXISTING ACCESS CONTROL ALONG STH 73 ESTABLISHED FROM EXISTING SUBDIVISION PLATS OF PARKVIEW ADDITION AND HIGHLAND RIDGE.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION REGIONAL OFFICE IN MADISON.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COUNTY CORDINATE SYSTEM, COLUMBIA COUNTY ZONE, NAD 83 (2011). THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

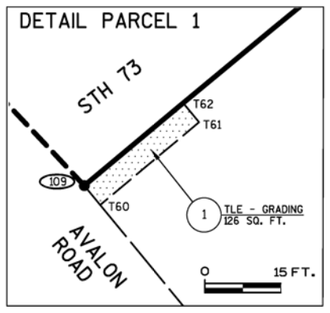
R/W POINT	STATION	OFFSET
100	738+86.55	13.71'
101	738+84.03	57.89'
102	739+01.63	43.11'
103	741+92.61	68.20'
104	745+21.68	80.12'
105	746+49.87	73.87'
107	746+50.06	35.88'
108	744+01.49	36.22'
109	738+89.37	35.05'

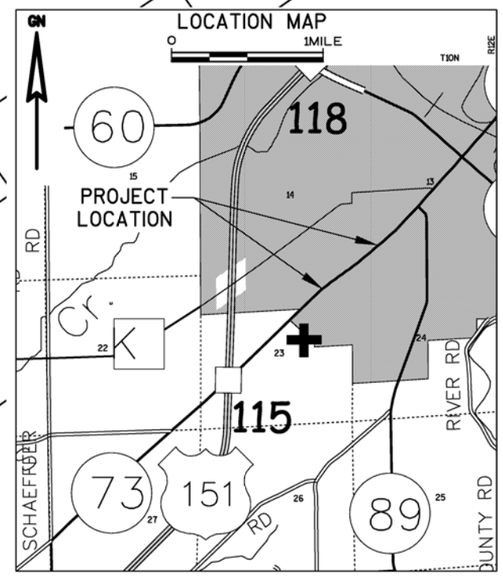
TLE POINT	STATION	OFFSET
T60	738+89.32	40.00'
T61	739+15.00	40.00'
T62	739+15.00	35.07'

ALIGNMENT INFORMATION
PI = STA 739+60.07
Y = 316,482.053
X = 651,198.406
Δ = 09°11'28"
T = 476.26'
D = 00°58'01"
L = 950.47'
R = 5925.00'
LC = 949.45'
CB = N 50°39'26" E
PC = STA 734+83.81
PT = STA 744+34.28
DA = N55°15'10"E
DB = S46°03'42"W

DOC # 884404
REGISTER OF DEEDS
COLUMBIA COUNTY
RECORDED ON:
09/02/2016 02:1433
PAGES: 2
KAREN A MANSKE
REGISTER OF DEEDS
REC FEE: $25.00
Exempt #:
VOLUME: TPP-E PAGE: 3
ELECTRONICALLY RETURNED TO SENDER

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3060-02-21 4.01
SHEET 1 OF 2
AMENDMENT NO:___





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2901 International Lane Madison, WI 53704
608-242-7779 1-800-446-0679 Fax: 608-242-5664
Web Address: www.msa-ps.com
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SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	R/W ACRES REQUIRED EXISTING	R/W ACRES REQUIRED TOTAL	TLE SQ FT
1	BRANT L. HOOPER AND LYNN M. HOOPER AND ROSALYN J. YOUNG	TLE	0.00	--	0.00	126

I, KEVIN C. LORD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: Kevin Lord DATE: 09/01/16
PRINT NAME: KEVIN C. LORD
REGISTRATION NUMBER: S-2645

WISCONSIN KEVIN C. LORD S-2645 MADISON, WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
SIGNATURE: Cory Schlagel DATE: 9/1/2016
PRINT NAME: CORY SCHLAGEL

FILE NAME : P:\90S\93\00093337\CADD\BASEDATA\SURVEY\00093337 STH 73 TPP.DWG
APPRAISAL PLAT DATE : 09-01-2016
PLOT DATE : 9/1/2016 11:03 AM PLOT BY : KEVIN LORD PLOT NAME : PLOT SCALE : **********

TRANSPORTATION PROJECT PLAT NO: 3060-02-21 - 4.02 AMENDMENT NO. 1

ADDS UTILITY NUMBER 83, AMENDS UTILITY NUMBER 81 AND REVISES THE EASEMENT TABLE OF TRANSPORTATION PROJECT PLAT NO. 3060-02-21 4.02, RECORDED IN VOL. TPP-E, PAGE 4 AS DOCUMENT NO. 884563.

THAT PART LOT 1, BLOCK 2 OF THE PLAT OF PARKVIEW ADDITION LOCATED IN THE NE 1/4 OF THE NE 1/4 OF SECTION 23 AND PARTS OF LOTS 1 AND 2 OF CSM #3393 LOCATED IN THE SW 1/4 OF THE SW 1/4 OF SECTION 13 AND A PART OF THE SW 1/4 OF THE SW 1/4 OF SECTION 13 ALL IN T10N, R12E, CITY OF COLUMBUS, COLUMBIA COUNTY, WISCONSIN

RELOCATION ORDER STH 73, IH 94 - COLUMBUS, COLUMBIA COUNTY (HERITAGE WAY TO FAITH DRIVE)

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

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EXISTING ACCESS CONTROL ALONG STH 73 ESTABLISHED FROM EXISTING SUBDIVISION PLATS OF PARKVIEW ADDITION AND PARKVIEW APARTMENTS.

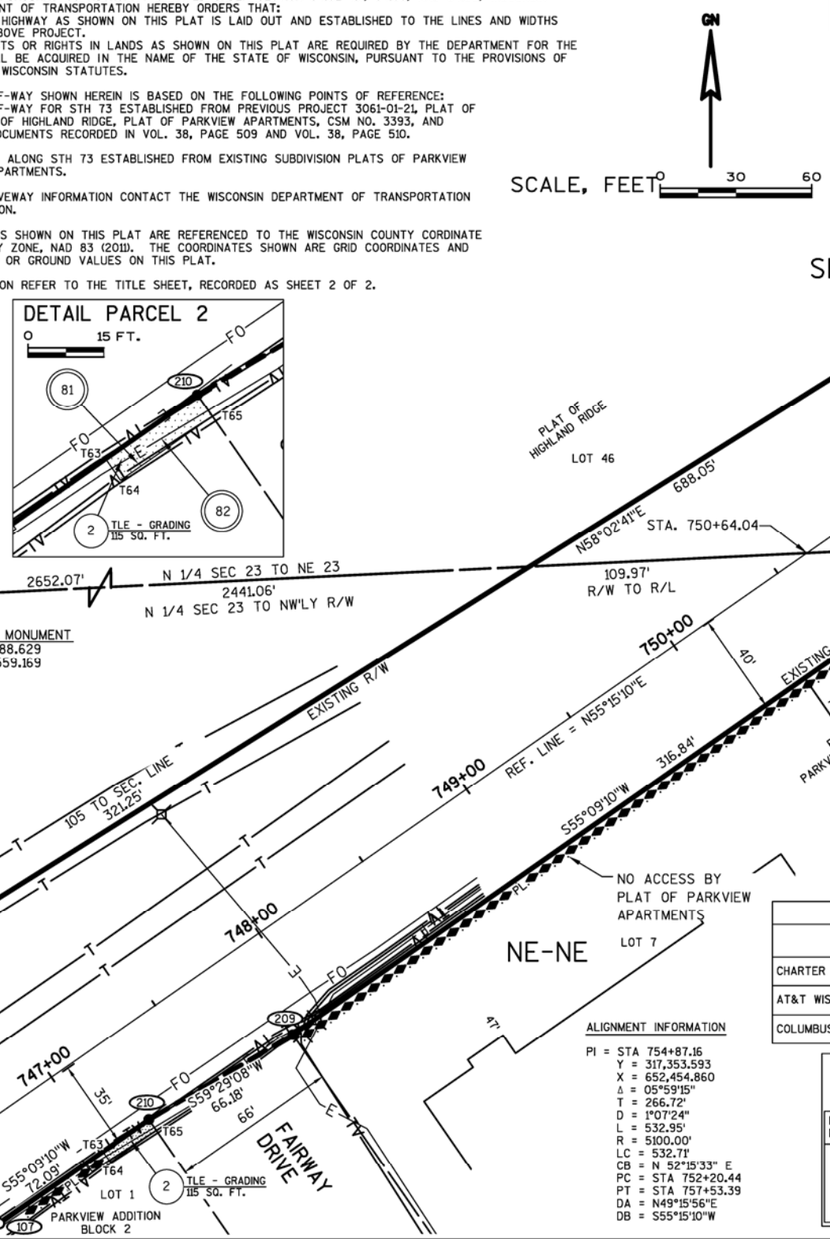
FOR CURRENT ACCESS/DRIVEWAY INFORMATION CONTACT THE WISCONSIN DEPARTMENT OF TRANSPORTATION REGIONAL OFFICE IN MADISON.

COORDINATES AND BEARINGS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN COUNTY CORDINATE SYSTEM, COLUMBIA COUNTY ZONE, NAD 83 (2011). THE COORDINATES SHOWN ARE GRID COORDINATES AND ARE TO BE USED AS GRID OR GROUND VALUES ON THIS PLAT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2. DOCUMENT NO. 884404

R/W POINT	STATION	OFFSET
105	746+49.87	73.87'
107	746+50.06	35.88'
200	753+38.01	39.01'
201	753+38.16	37.32'
202	754+91.54	37.11'
203	755+58.11	39.87'
204	755+77.73	3.03'
205	755+92.26	35.30'
206	752+14.03	34.89'
207	750+97.01	35.09'
208	751+04.99	40.08'
209	747+88.15	40.63'
210	747+22.15	35.75'

TLE POINT	STATION	OFFSET
T63	747+00.00	35.79'
T64	747+00.00	40.95'
T65	747+22.15	40.94'
T66	754+70.00	34.83'
T67	754+70.00	40.15'
T68	755+15.00	40.17'
T69	755+15.00	34.96'
T70	754+75.00	37.16'
T71	754+75.00	42.00'
T72	754+91.60	41.84'



COURSE	BEARING	DISTANCE
200-201	S40°53'44"E	1.70'
207-208	N87°14'57"E	9.41'

UTILITY SCHEDULE AND INTEREST REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
81	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS
82	COLUMBUS WATER AND LIGHT - ELECTRIC	RELEASE OF RIGHTS
83	AT&T WISCONSIN	RELEASE OF RIGHTS

EASEMENT TABLE		
OWNER	RECORDING INFORMATION	R/W PARCEL
CHARTER COMMUNICATIONS	NO EASEMENT OF RECORD	2
AT&T WISCONSIN	NO EASEMENT OF RECORD	5
COLUMBUS WATER AND LIGHT - ELECTRIC	NO EASEMENT OF RECORD	2

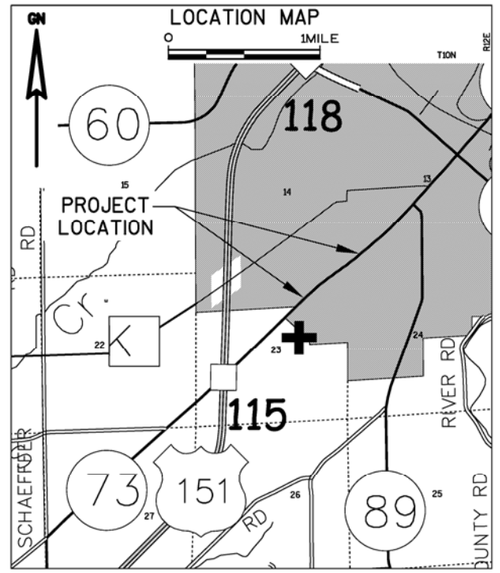
ALIGNMENT INFORMATION

PI = STA 754+87.16
Y = 317,353.593
X = 652,454.860
Δ = 05°59'15"
T = 266.72'
D = 1°07'24"
L = 532.95'
R = 5100.00'
LC = 532.71'
CB = N 52°15'33" E
PC = STA 752+20.44
PT = STA 757+53.39
DA = N49°15'56"E
DB = S55°15'10"W

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE SQ FT
2	RICHARD G. HABENICHT AND CHERRY B. HABENICHT	TLE	0.00	--	0.00	115
3	HART FAMILY LIMITED PARTNERSHIP	TLE	0.00	--	0.00	208
4	BRYAN T. JOHNSTON AND CHANNING L. JOHNSTON	TLE	0.00	--	0.00	29
5	FAITH LUTHERAN CHURCH, A RELIGIOUS SOCIETY	TLE	0.00	--	0.00	79



DOC # 887934
REGISTER OF DEEDS
COLUMBIA COUNTY
RECORDED ON: 12/19/2016 02:2548
PAGES: 1
KAREN A MANSKE
REGISTER OF DEEDS
REC FEE: $25.00
Exempt #:
VOLUME: TPP-E PAGE: 29
ELECTRONICALLY RETURNED TO SENDER

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3060-02-21 4.02
AMENDMENT NO: 1

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I, KEVIN C. LORD, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF WISCONSIN DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: DATE: 12/16/16
PRINT NAME: KEVIN C. LORD
REGISTRATION NUMBER: S-2645

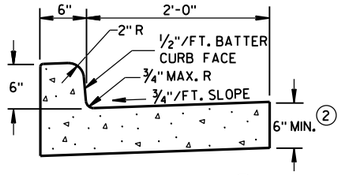
WISCONSIN KEVIN C. LORD S-2645 MADISON, WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION
SIGNATURE: DATE: 12/16/16
PRINT NAME: CORY SCHLAGEL

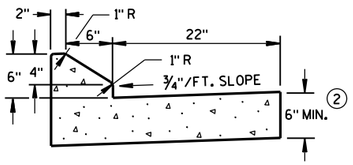
Standard Detail Drawing List

08D01-19	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-18A	CURB RAMPS TYPES 1 AND 1-A
08D05-18B	CURB RAMPS TYPES 2 AND 3
08D05-18D	CURB RAMPS TYPE 4B AND 4B1
08D05-18E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-01A	TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS
15D38-01B	ATTACHMENT OF SIGNS TO POSTS

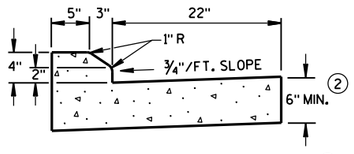
6



TYPES A & D ①

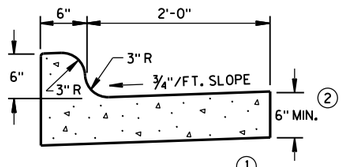


6" SLOPED CURB TYPES G & J ①

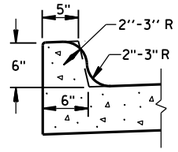


4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"

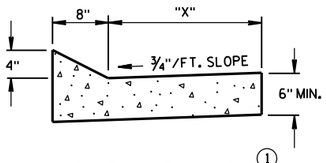


TYPES K & L ①



OPTIONAL CURB SHAPE FOR TYPES K & L ①

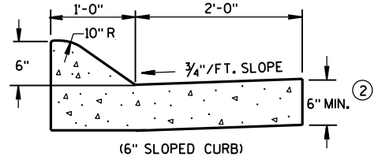
CONCRETE CURB & GUTTER 30"



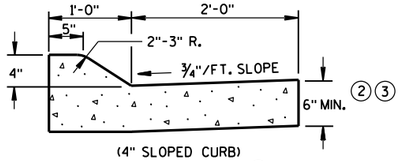
TYPES TBT & TBTT ①

CONCRETE CURB & GUTTER

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

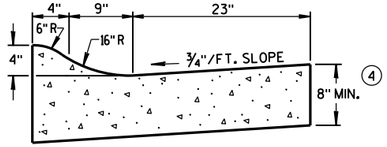


(6" SLOPED CURB)



(4" SLOPED CURB)

TYPES A & D ①



4" SLOPED CURB TYPES R & T ①⑤

CONCRETE CURB & GUTTER 36"

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 TBTT.

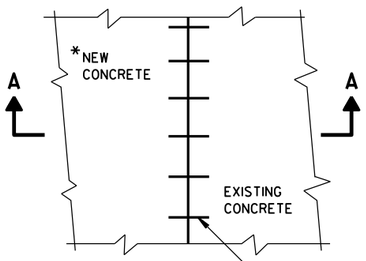
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

④ 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.

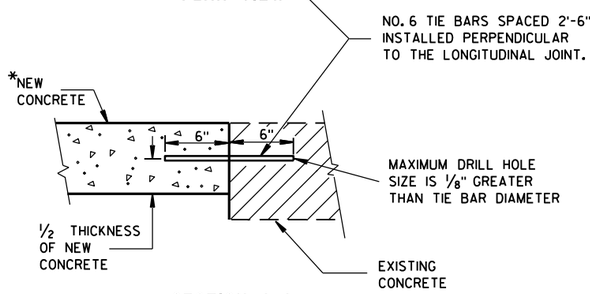
⑤ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

⑥ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



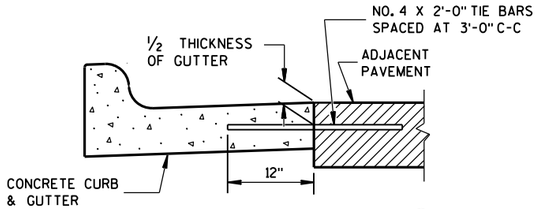
PLAN VIEW

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

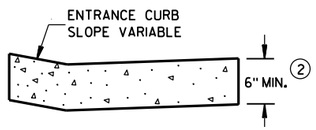


SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT

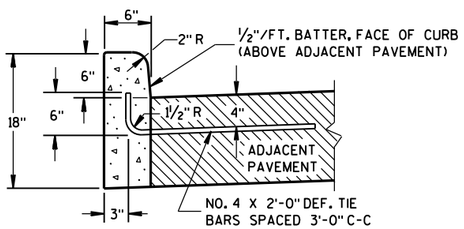


TYPICAL TIE BAR LOCATION ①

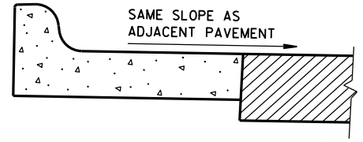


DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)

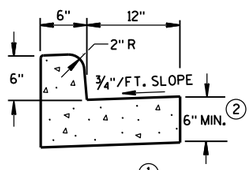


① TYPES A & D



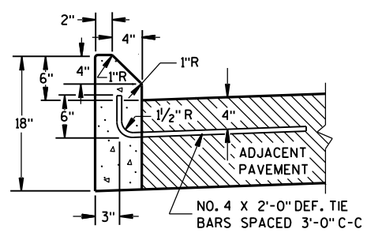
⑥ REVERSE SLOPE GUTTER

(TYPICAL FOR ALL CURB & GUTTER TYPES)



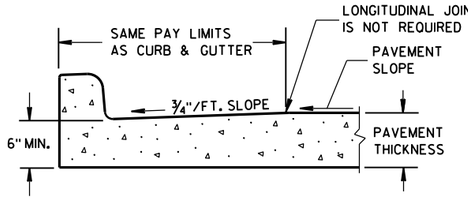
① TYPES A & D

CONCRETE CURB & GUTTER 18"

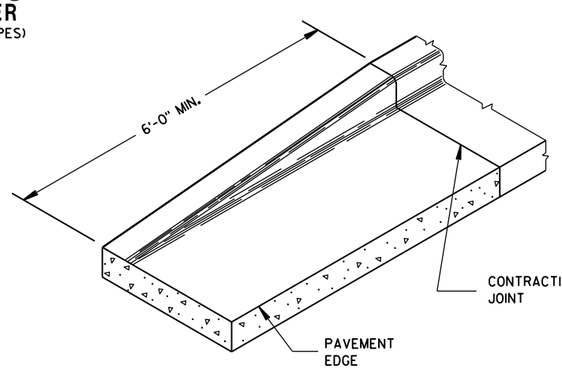


① TYPES G & J

CONCRETE CURB



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



END SECTION CURB & GUTTER

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June, 2016 — DATE

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

FHWA

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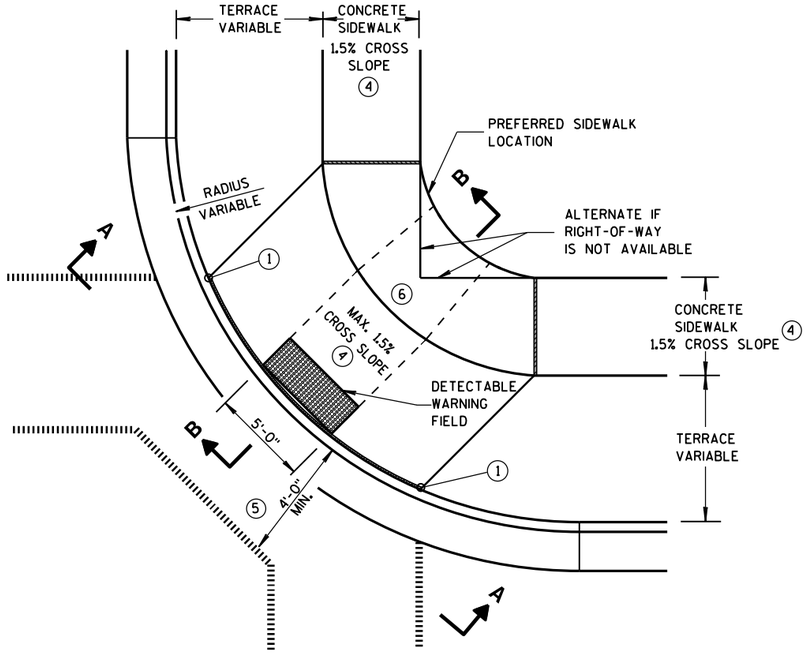
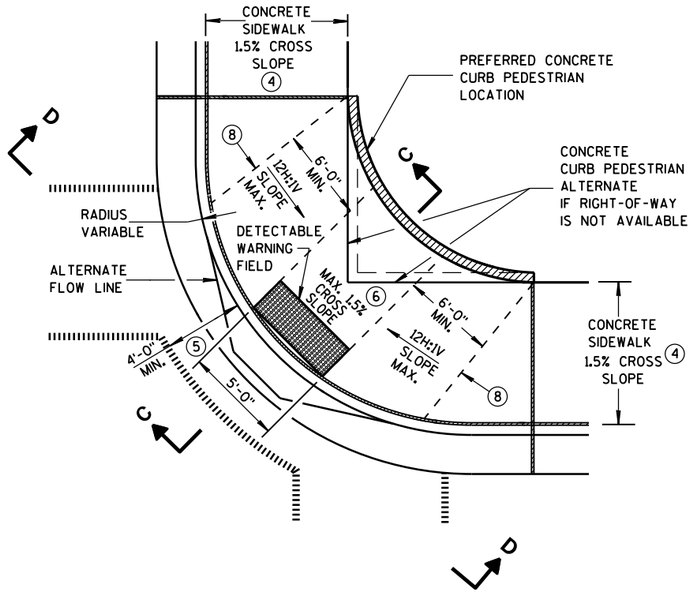


PLAN VIEW

TYPE 1 RAMP

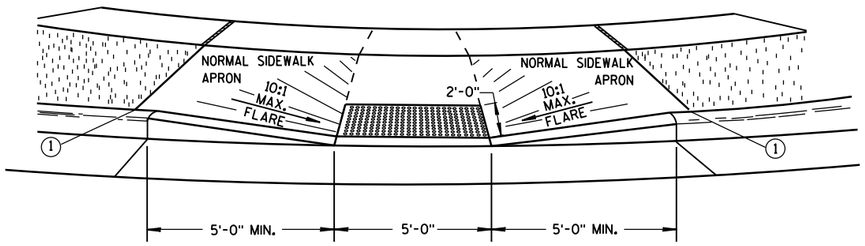
(CENTER OF CORNER RADIUS)



PLAN VIEW

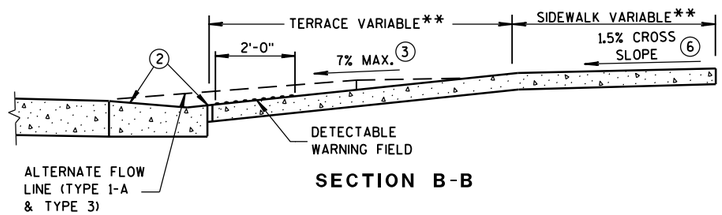
TYPE 1-A RAMP

(NO TERRACE)

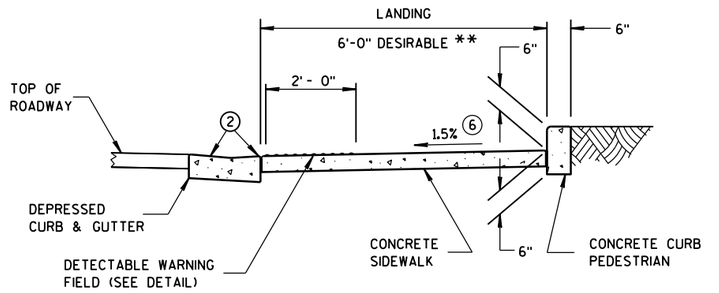


VIEW A-A

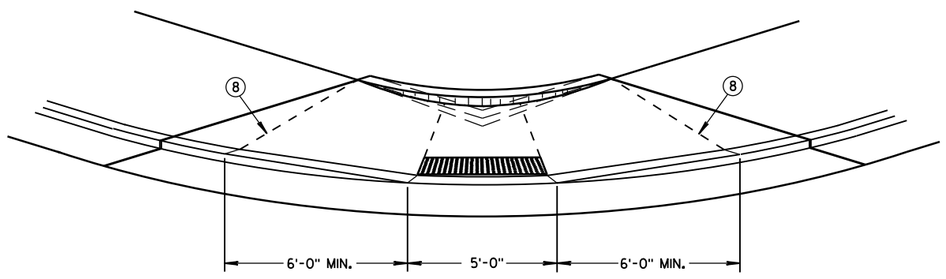
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

GENERAL NOTES

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

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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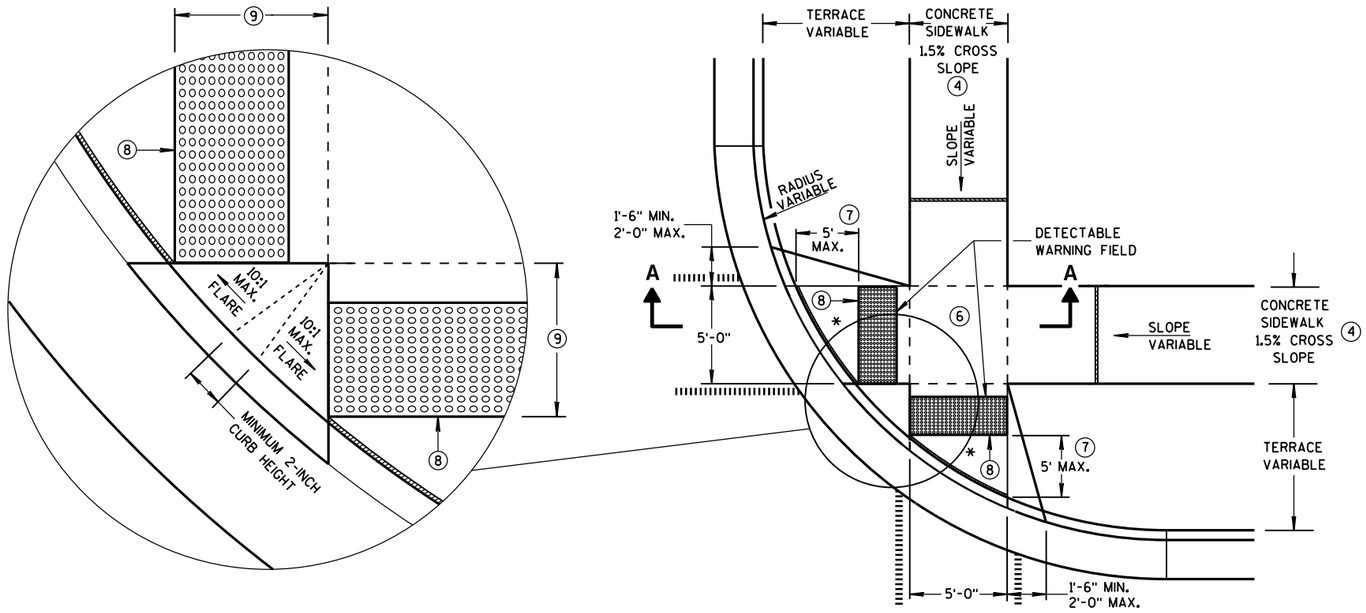
S.D.D. 8 D 5-18a

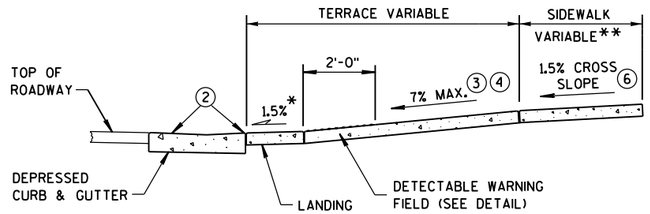


PLAN VIEW

TYPE 2 RAMP

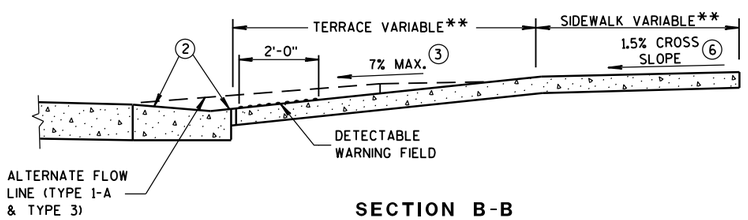
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

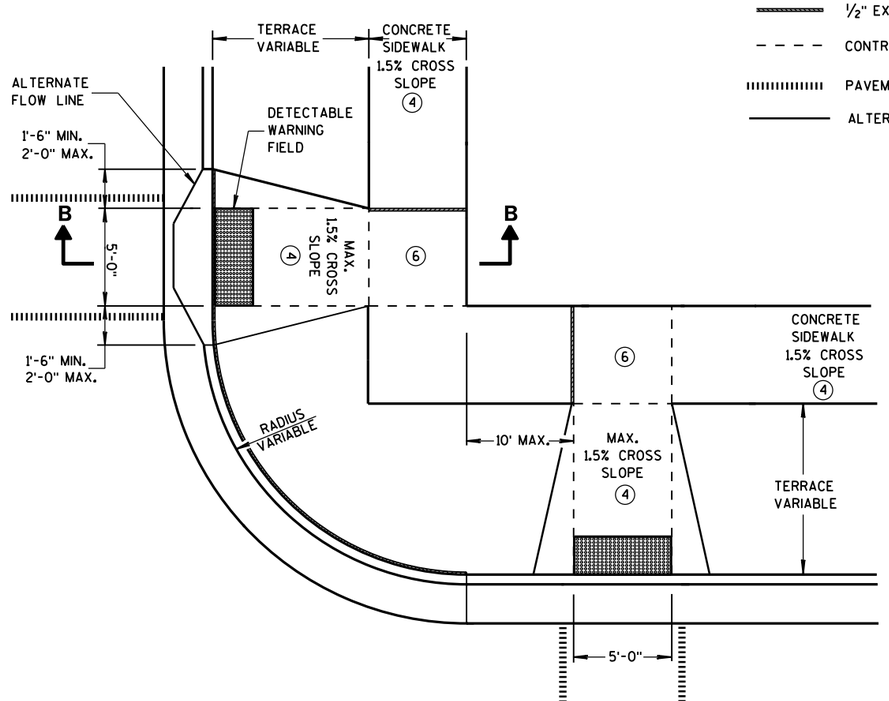
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



PLAN VIEW

TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

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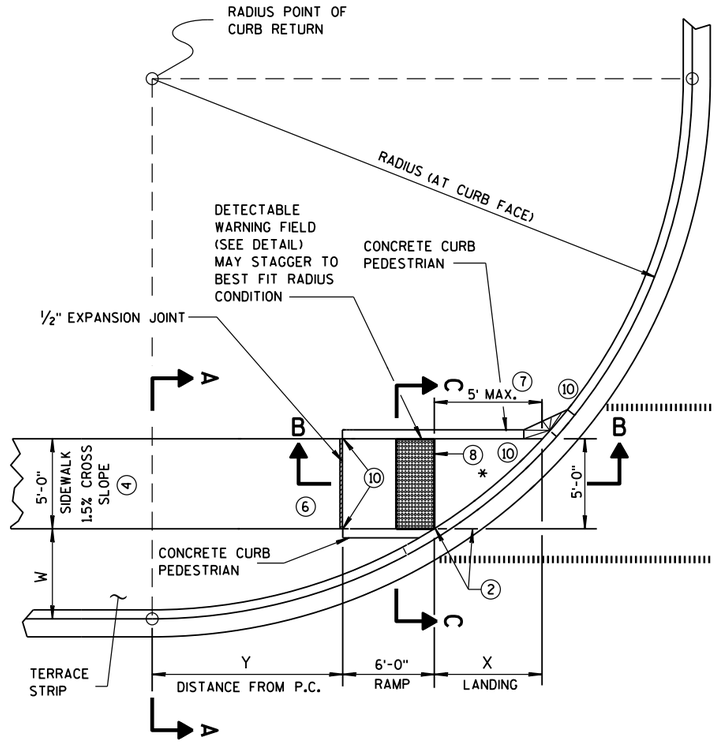
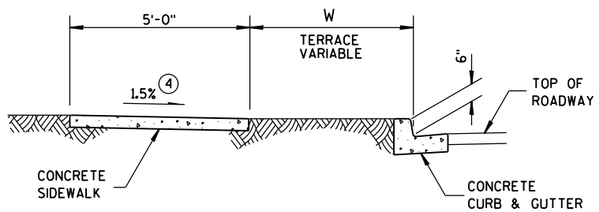
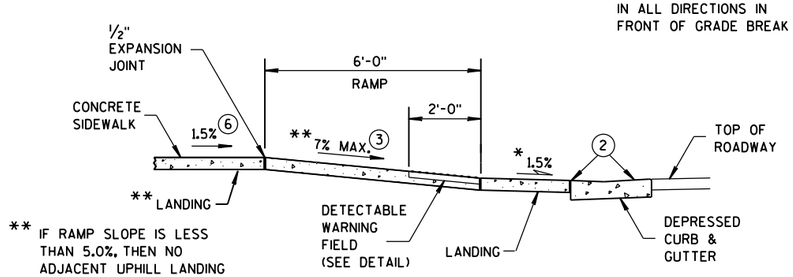
S.D.D. 8 D 5-18b



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



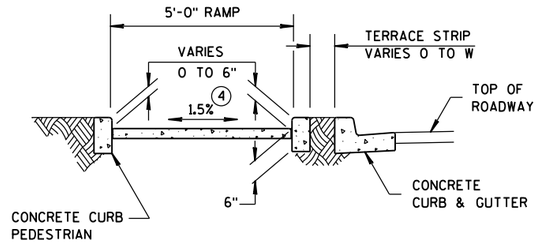
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-6¾"	3'-3"	8'-6¼"
30 FEET	7'-9¼"	5'-10½"	6'-9½"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"
40 FEET	9'-4"	7'-10"	8'-2¾"	10'-3"	7'-4¾"	12'-3¾"	6'-8½"	14'-1¼"	6'-1¾"	15'-8½"
50 FEET	10'-8"	9'-6½"	9'-5½"	12'-3¼"	8'-6½"	14'-7½"	7'-9¾"	16'-8¼"	7'-2½"	18'-6¼"
60 FEET	11'-10¼"	11'-0¾"	10'-6½"	14'-1¼"	9'-6½"	16'-8½"	8'-9¼"	18'-11¾"	8'-1½"	21'-0½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

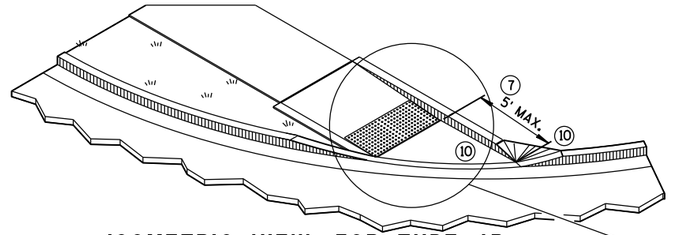
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

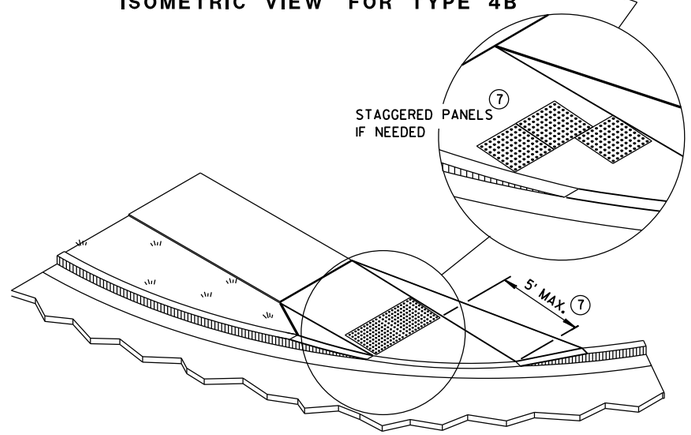
(7) WHEN THIS DISTANCE EXCEEDS 5 FEET, STAGGER ADDITIONAL DETECTABLE WARNING PANEL FORWARD TO REDUCE THIS DISTANCE. PROVIDE MINIMUM 12-INCH ROW OVERLAP TO AVOID SIDESTEP OF DOME DETECTION. USE EQUAL-SIZE PANELS TO DEVELOP OVERLAPPING, STAGGERED ROWS. ALIGN DOMES BETWEEN OVERLAPPING ROWS AND IN DIRECTION OF PEDESTRIAN TRAVEL.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

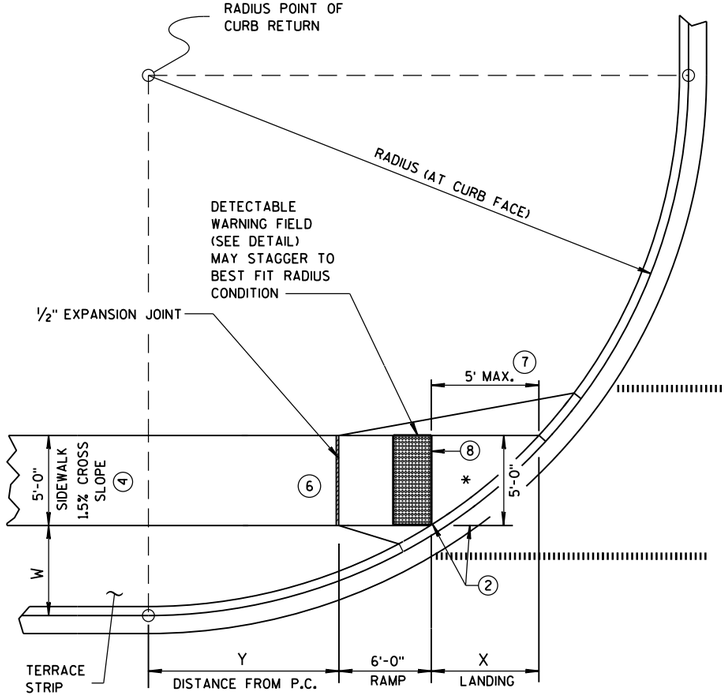
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



CURB RAMP TYPE 4B1
PLAN VIEW

CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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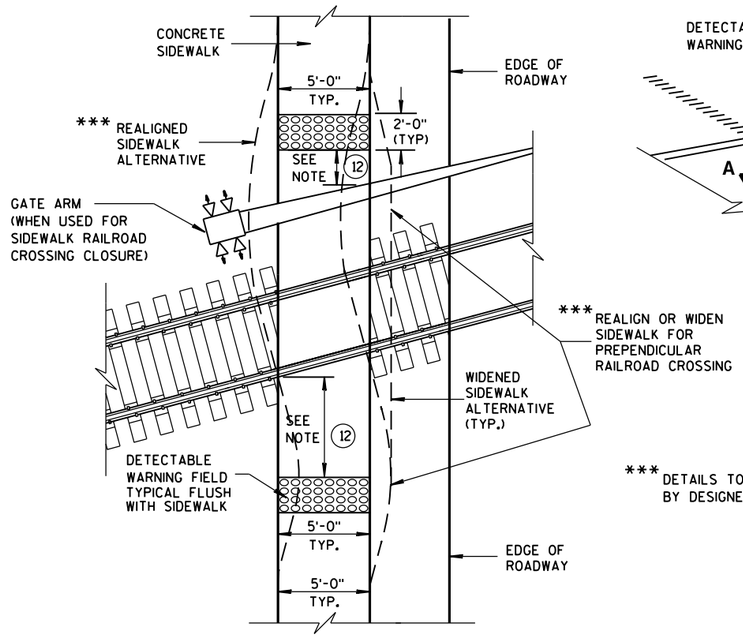
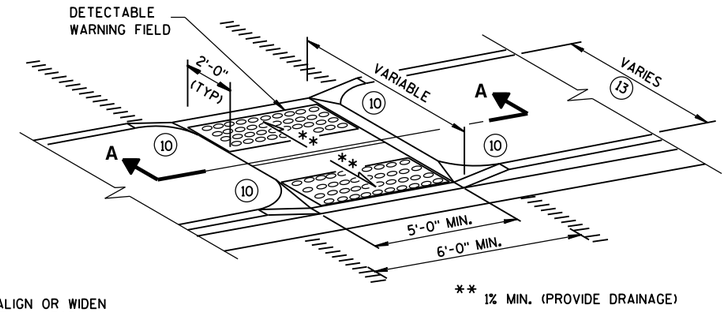
S.D.D. 8 D 5-18d



*** DETAILS TO BE DETERMINED BY DESIGNER

TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



** 1% MIN. (PROVIDE DRAINAGE)

MEDIAN ISLAND NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL NOT EXCEED 7%.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

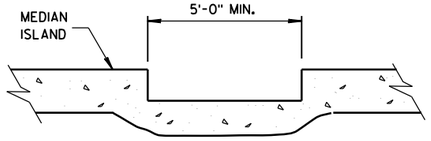
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

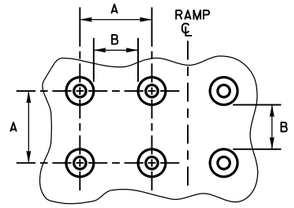
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS IF MEDIAN WIDTH BETWEEN BACK OF CURBS IS LESS THAN 6 FEET.



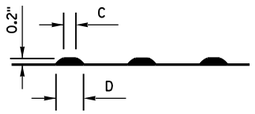
SECTION A-A

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

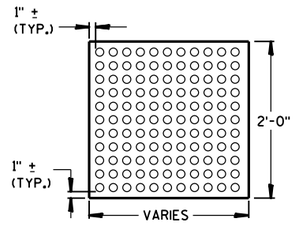


PLAN VIEW

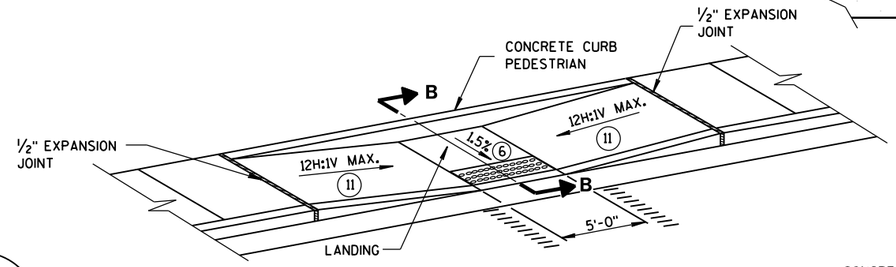


ELEVATION VIEW

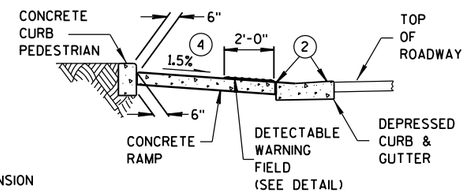
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



PLAN VIEW
DETECTABLE WARNING FIELD (TYPICAL)

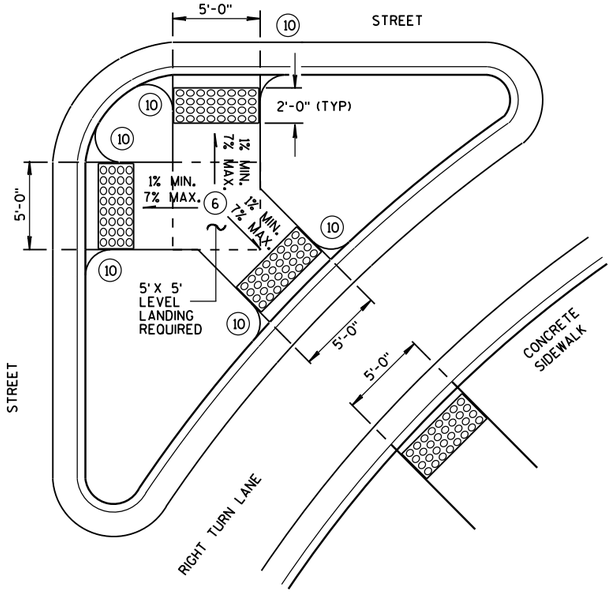


MID-BLOCK CROSSING
TYPE 7A

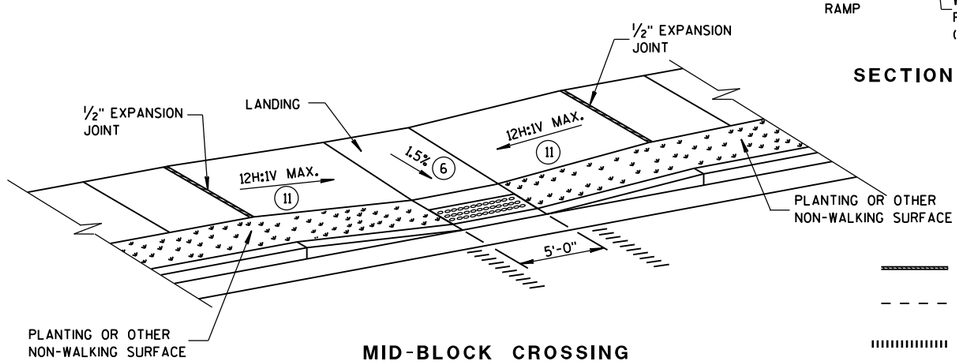


SECTION B-B

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV

ENT

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S.D.D. 8 D 5-18e

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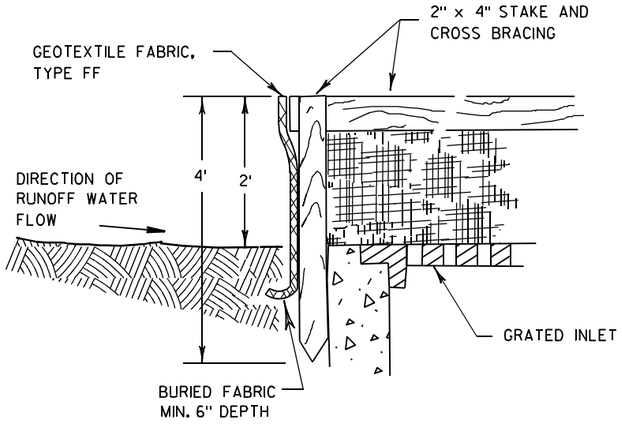
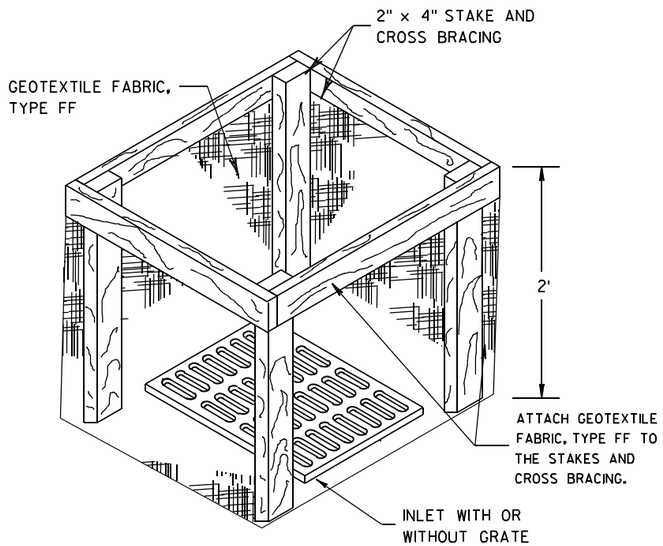
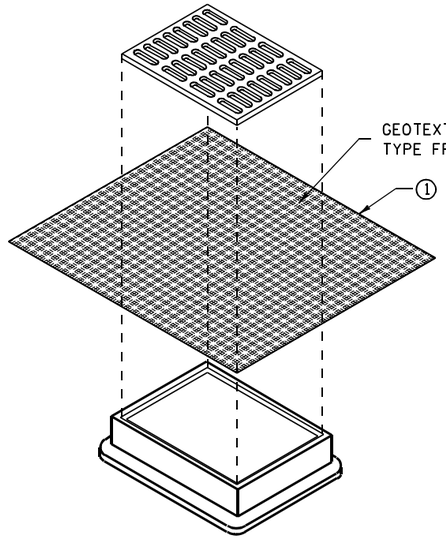
S.D.D. 8 D 5-18e



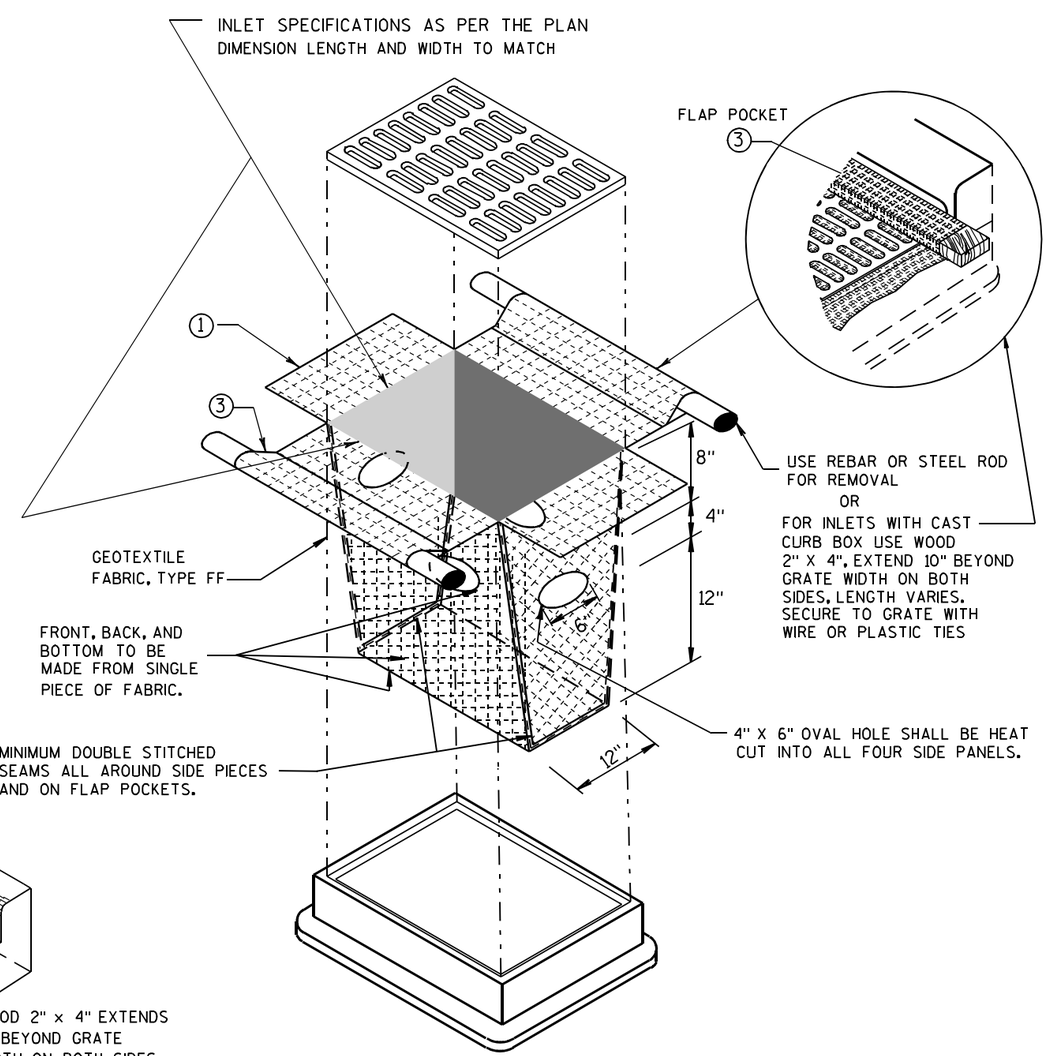


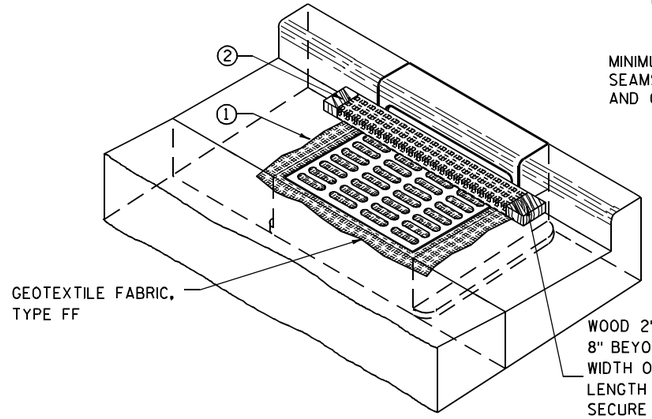
INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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





INLET PROTECTION, TYPE C (WITH CURB BOX)

INLET PROTECTION, TYPE D

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

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.

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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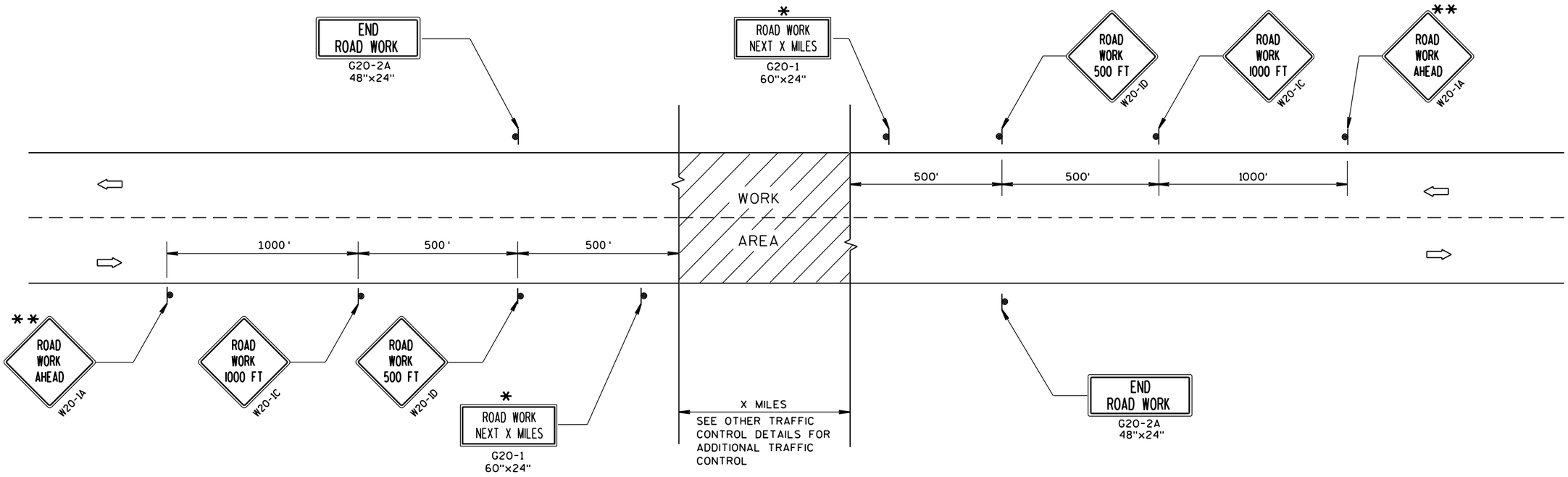
S.D.D. 8 E 10-2



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 MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

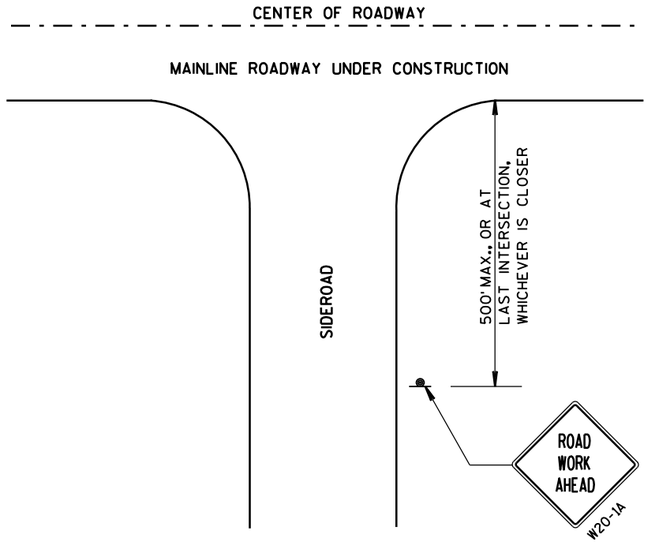
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

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

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



LEGEND

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

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

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

FHWA

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S.D.D. 15 C 4-3

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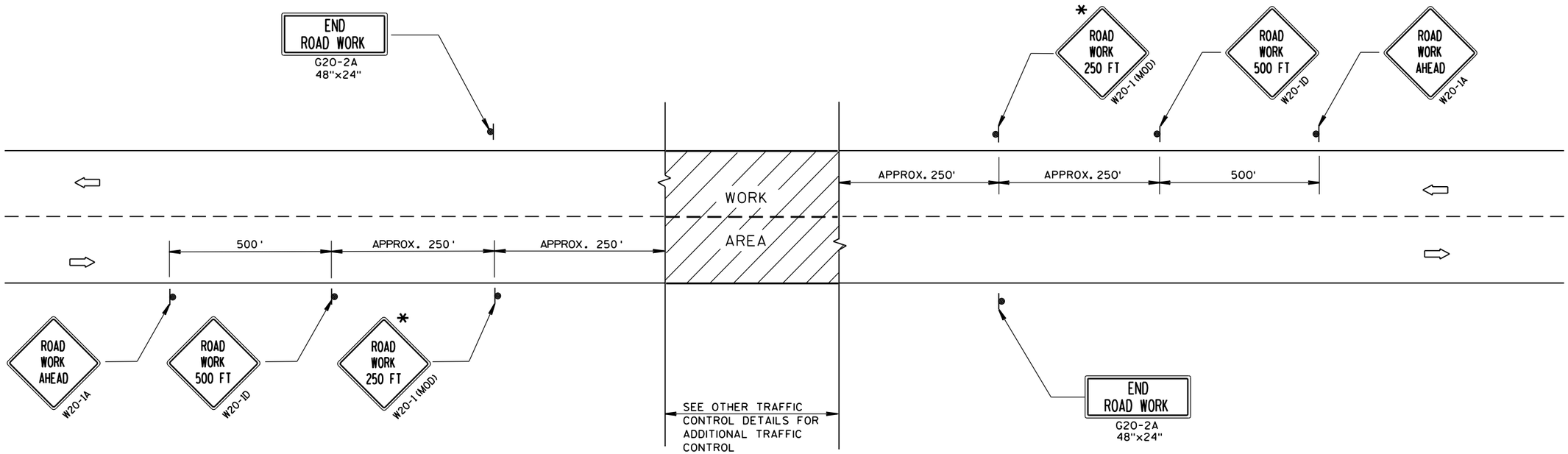
S.D.D. 15 C 4-3

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.

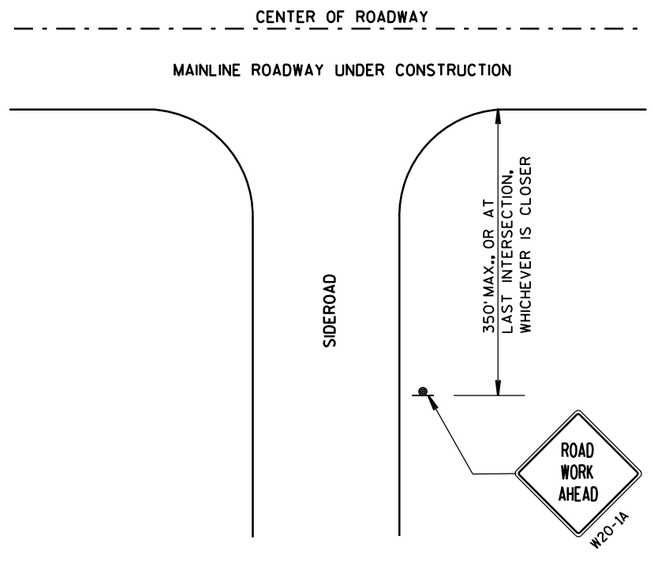
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER
IC
FHWA

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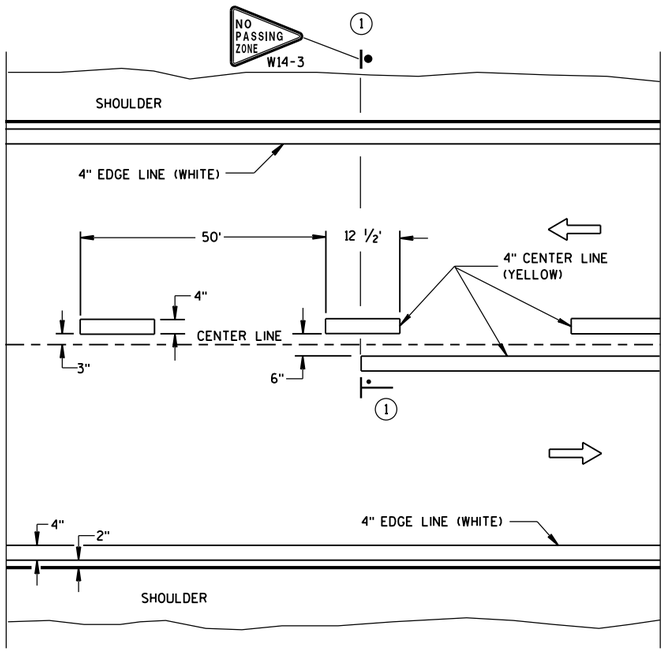
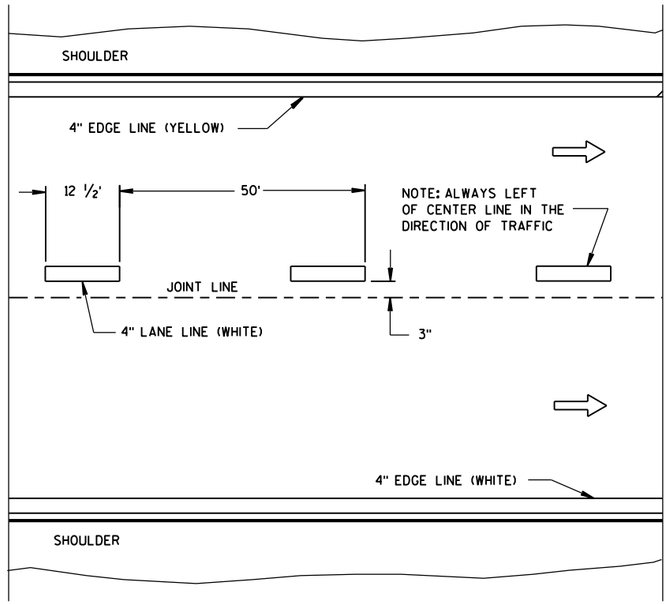
S.D.D. 15 C 5-3



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

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

(1) NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

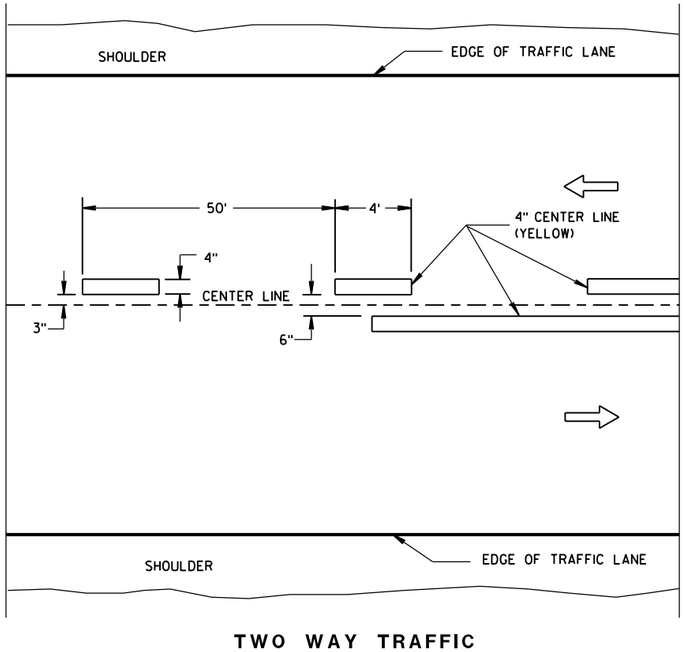
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

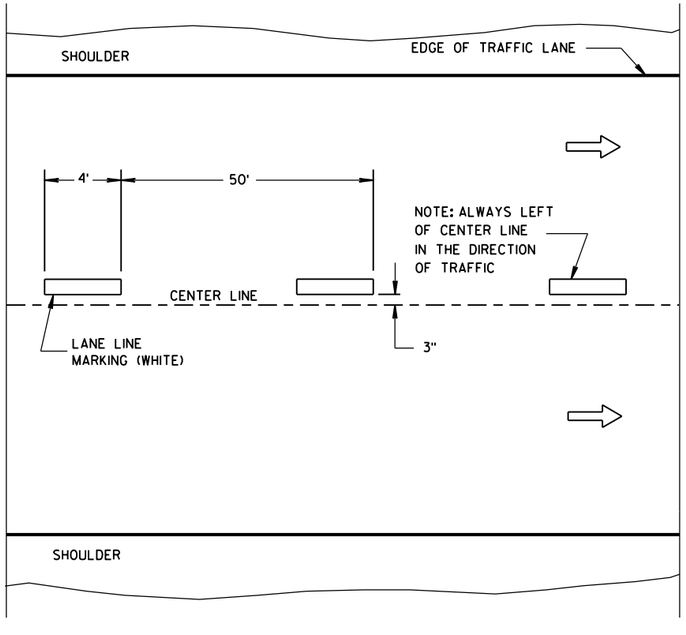
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
Sept., 2016	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MAR[illegible] ENGINEER
FHWA	

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S.D.D. 15 C 8-17a

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S.D.D. 15 C 8-17a

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

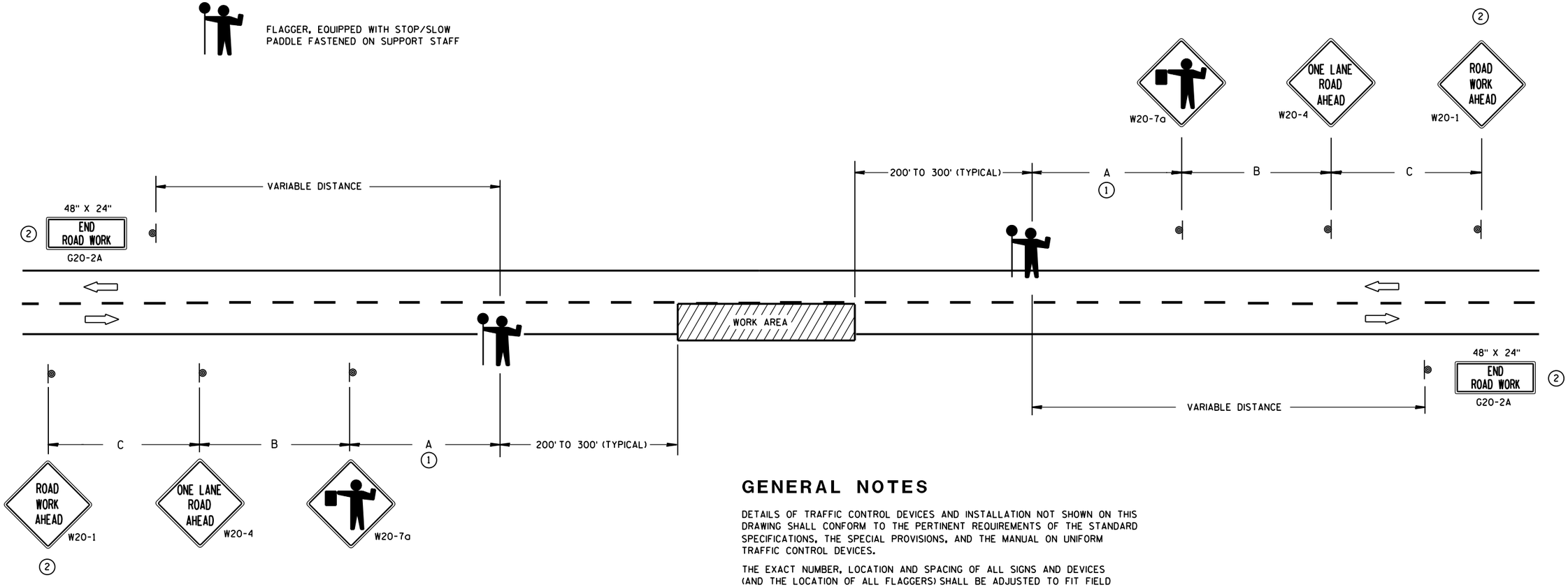
FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

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

W3-4

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.



(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.

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.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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S.D.D. 15 C 12-4

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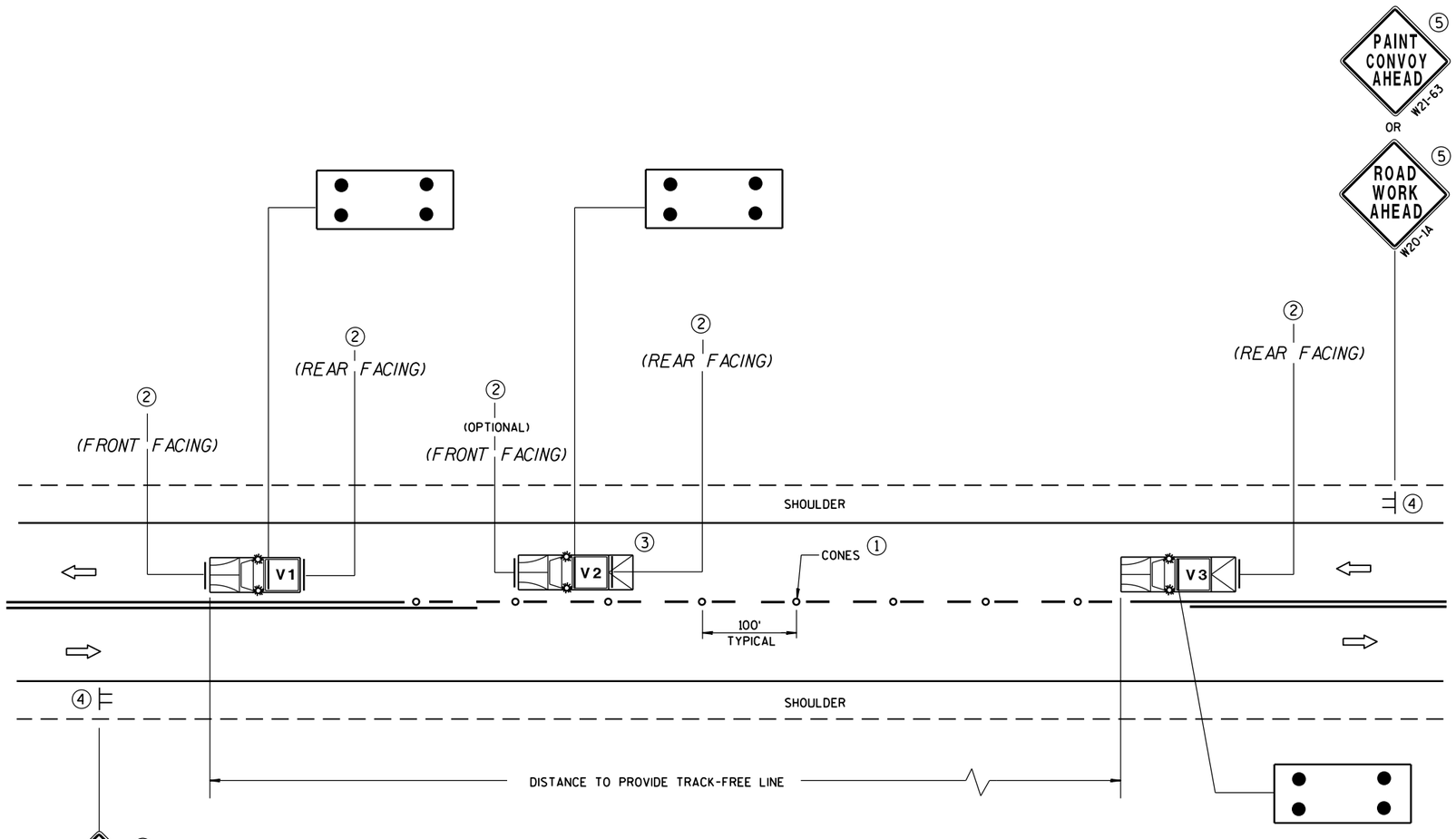
S.D.D. 15 C 12-4



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC
	CONES
	FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZON SAFETY ENGINE
FHWA

6

S.D.D. 15 C 19-4a

6

S.D.D. 15 C 19-4a

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.

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

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS 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.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

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

TABLE A

S \ W	SHOULDER TAPER LENGTH (FEET) 4	6	8	10	BUFFER SPACE (FEET)
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

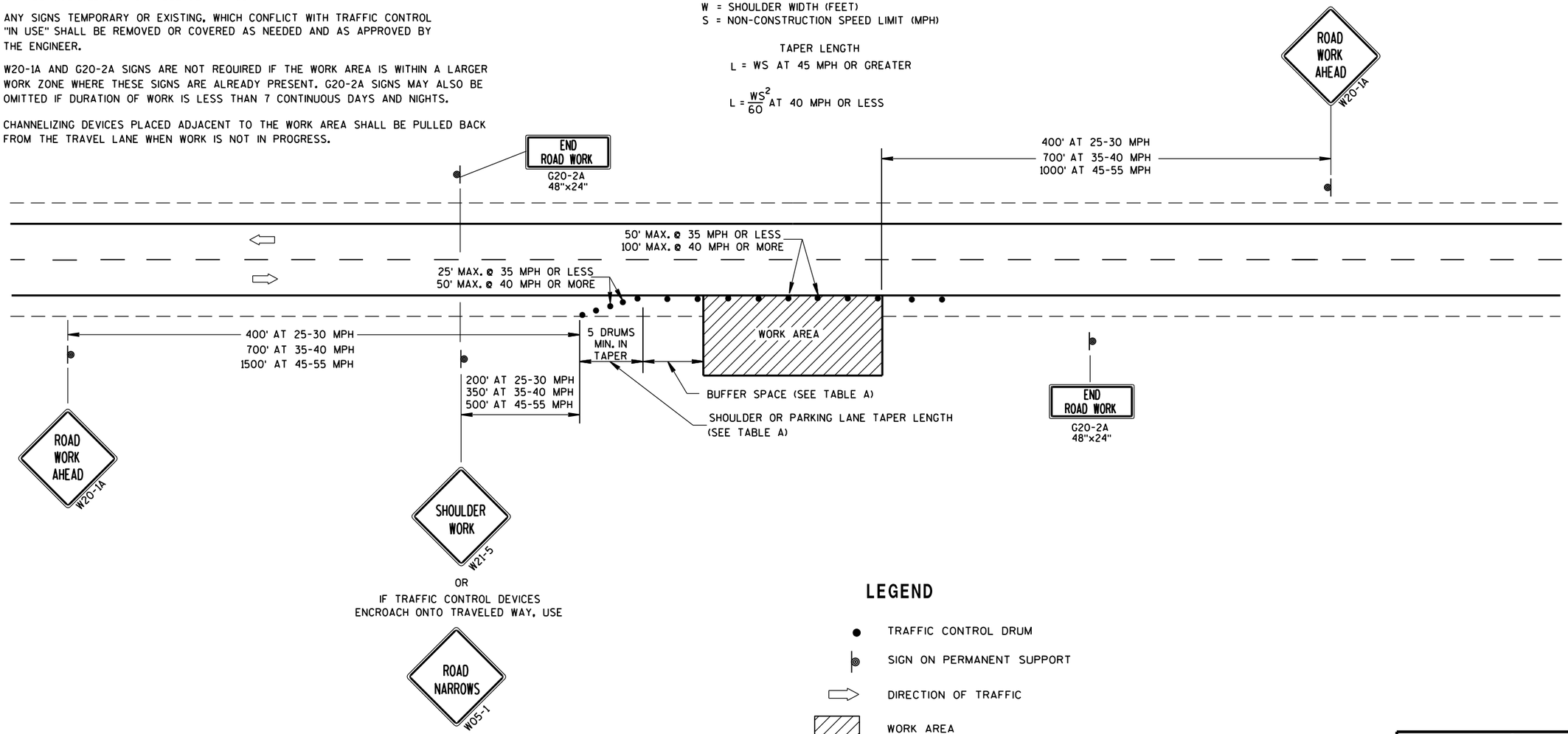
W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER

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

SHOULDER TAPER LENGTH = $\frac{1}{3}L$



LEGEND

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

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 14, 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGII — FIC

FHWA

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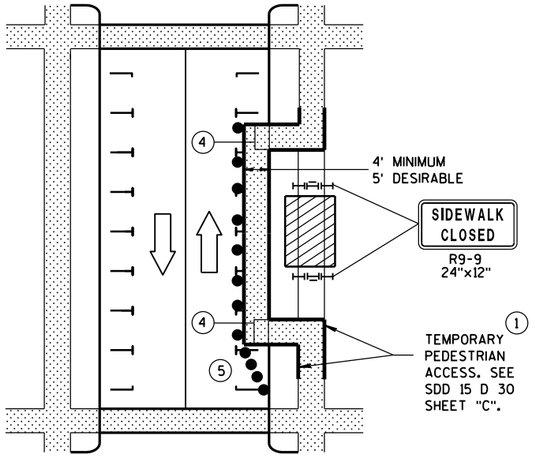
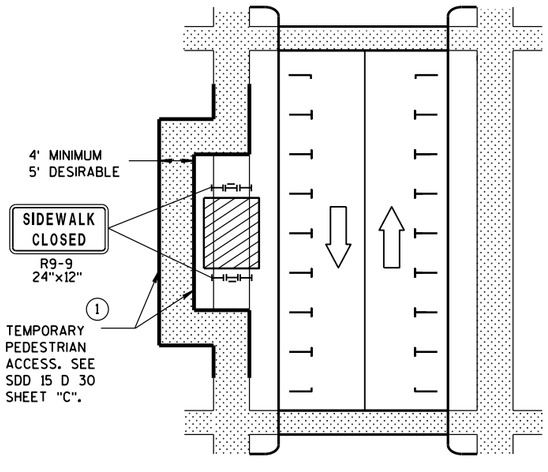
S.D.D. 15 D 28-3

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

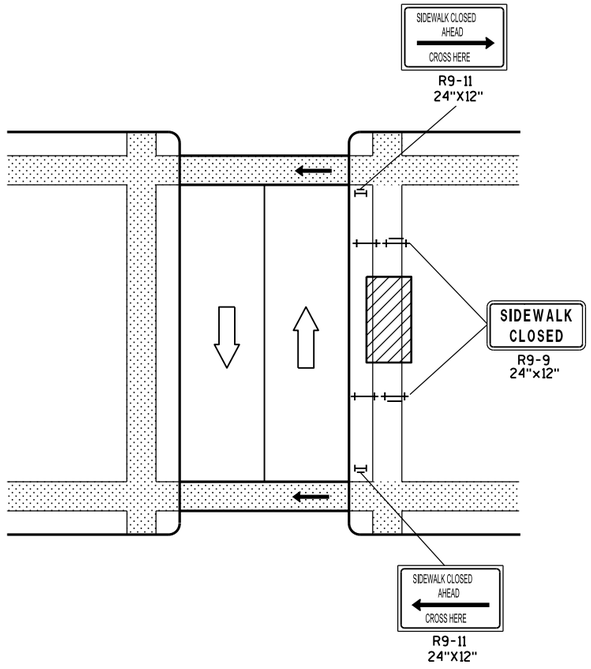


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

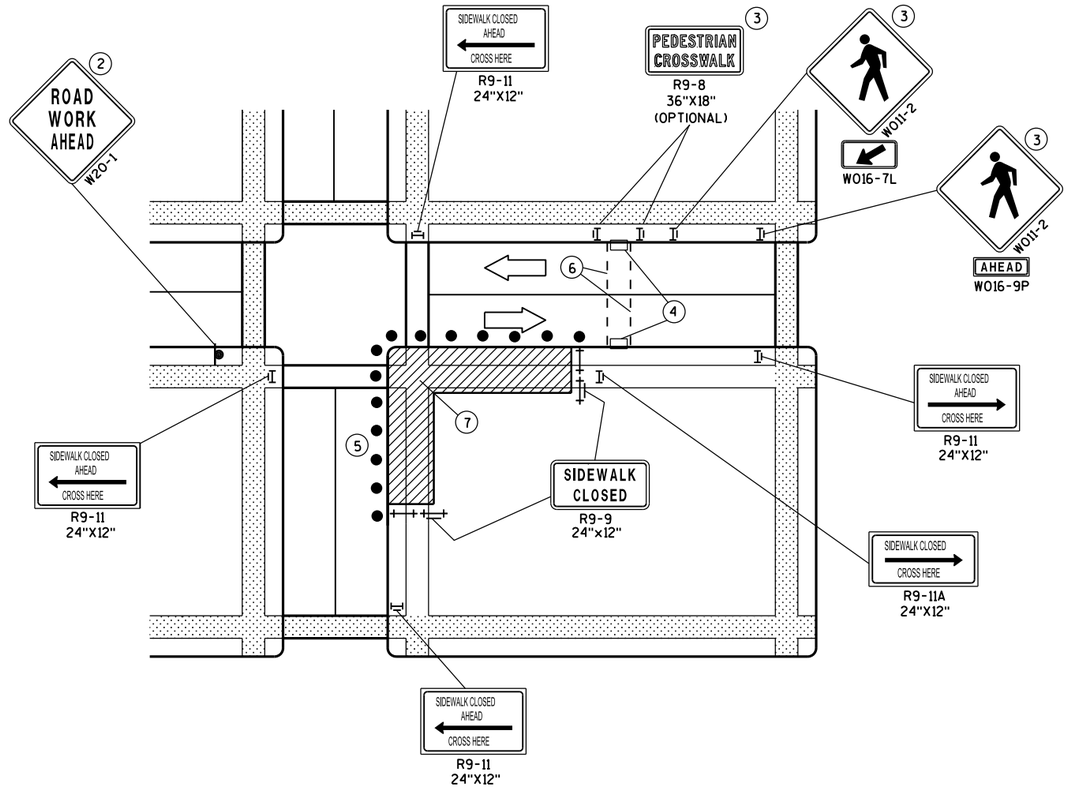
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

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

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

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

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

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

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

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

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 30-3a

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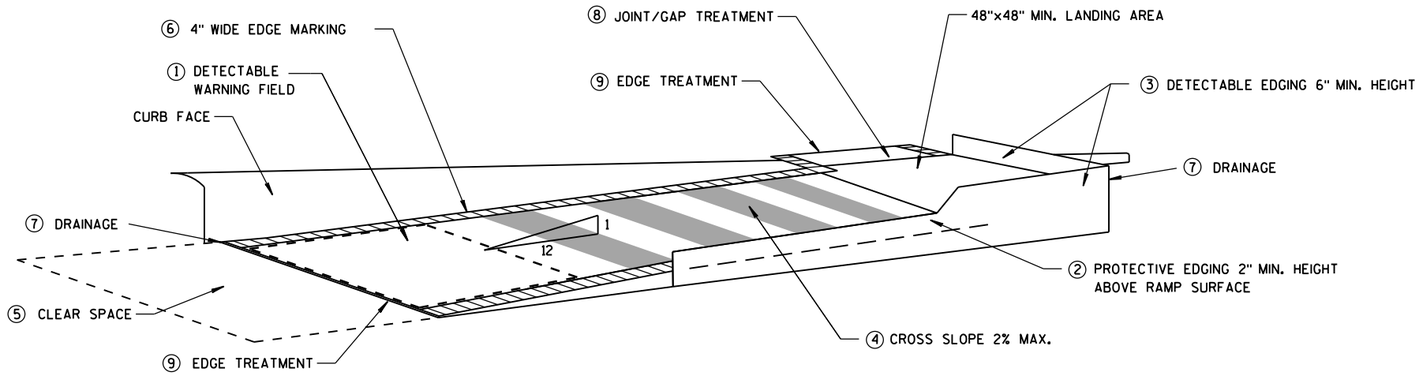
S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

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

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

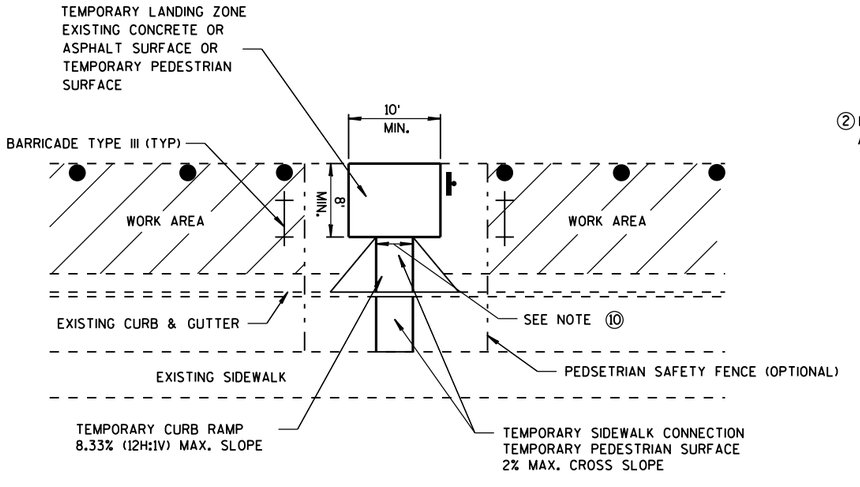
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

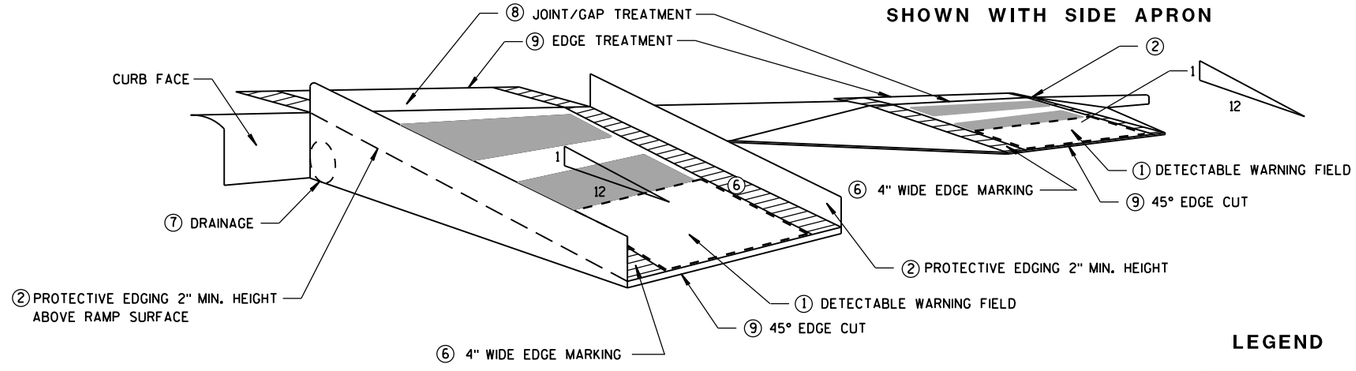
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

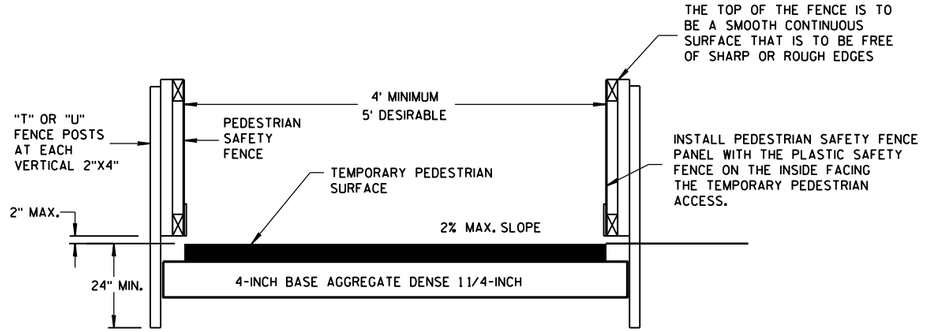
June 2016 — DATE

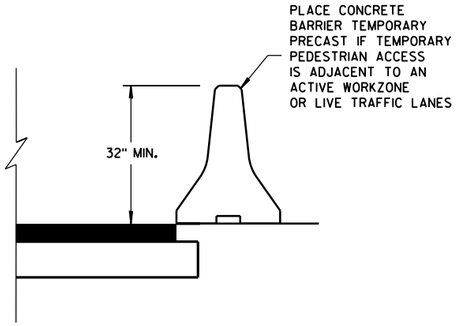
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

6

S.D.D. 15 D 30-3b

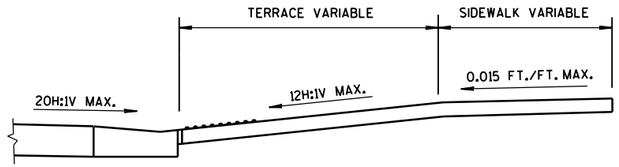




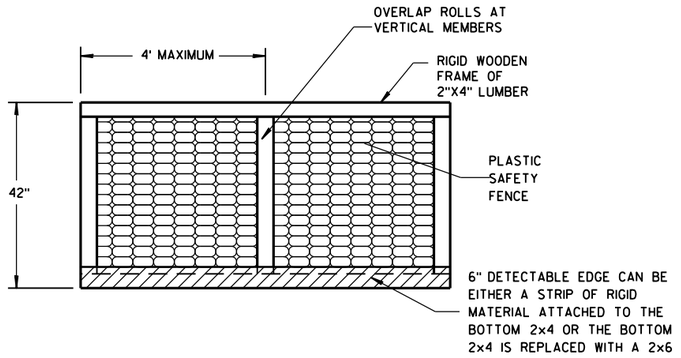
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

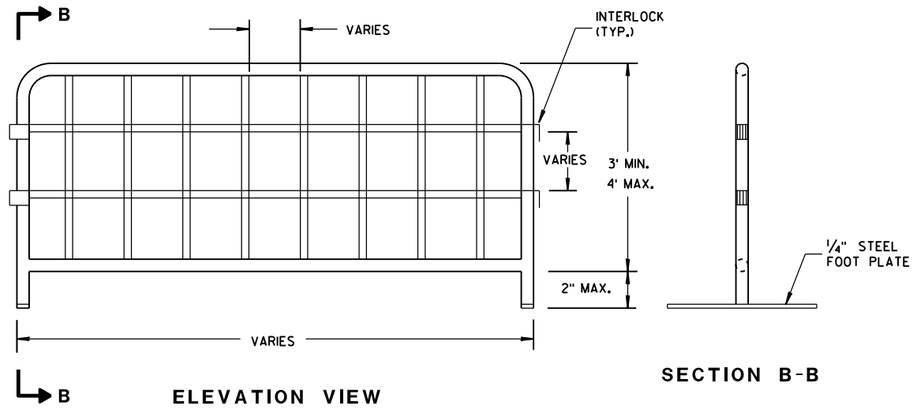
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



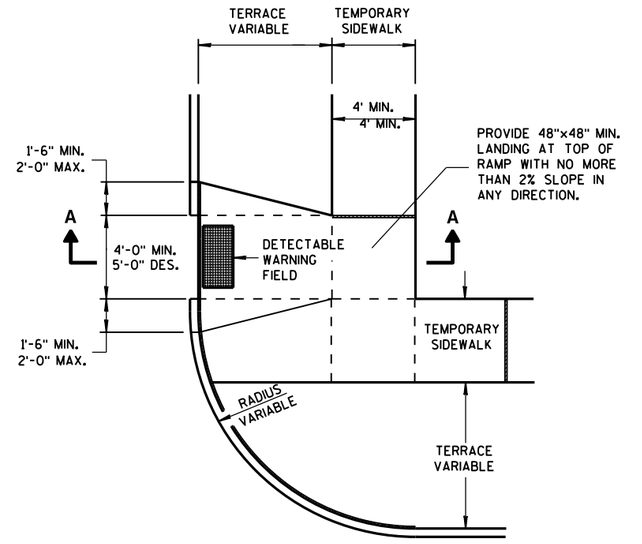
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

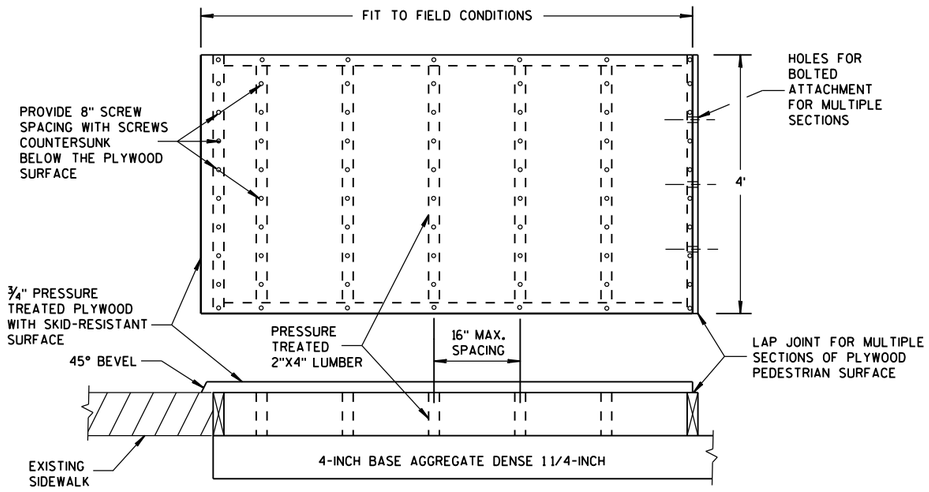
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



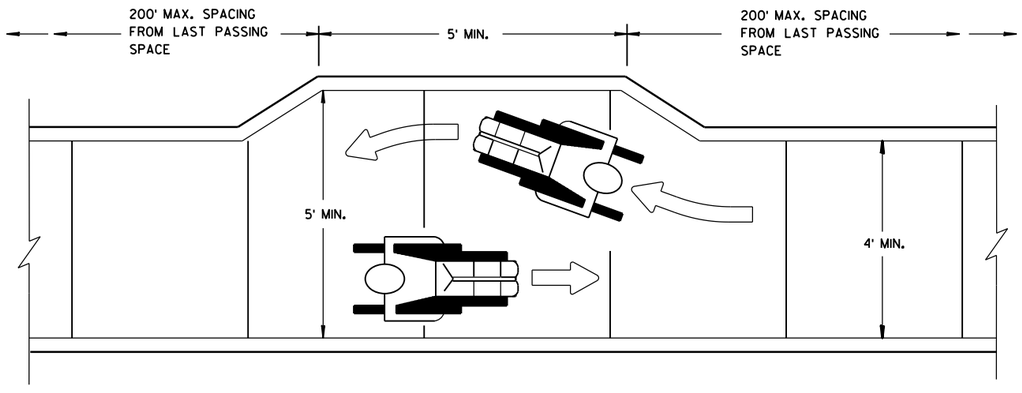
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON IC
SAFETY ENGIN
FHWA

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S.D.D. 15 D 30-3c

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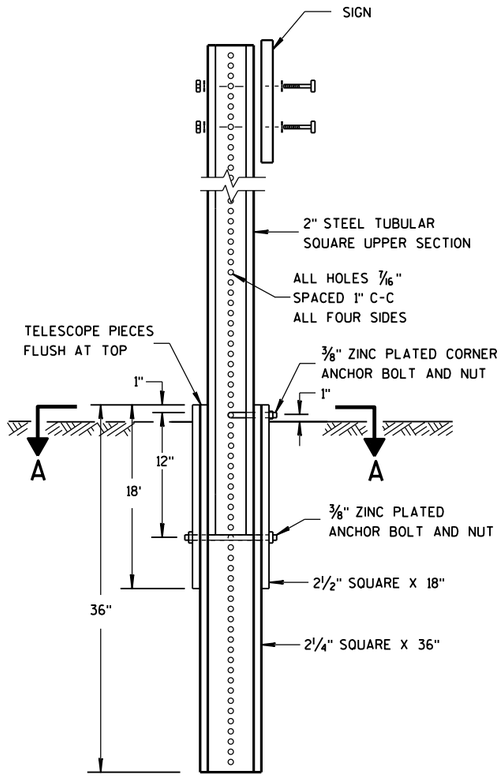
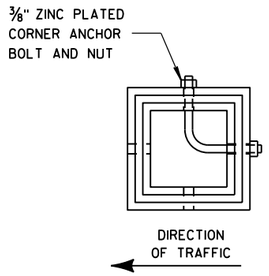
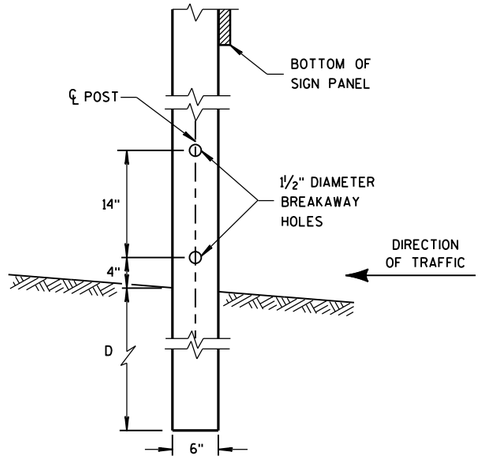
S.D.D. 15 D 30-3c



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



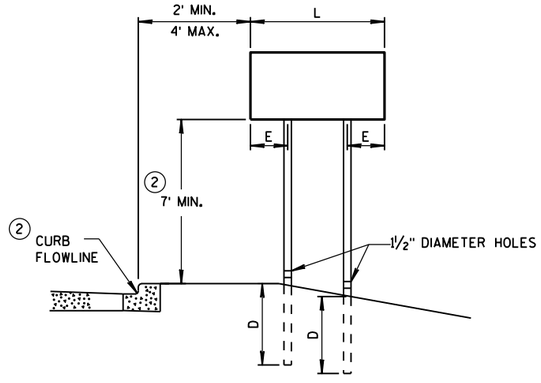
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

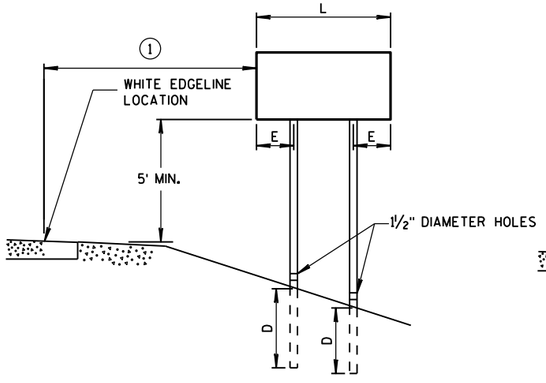
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

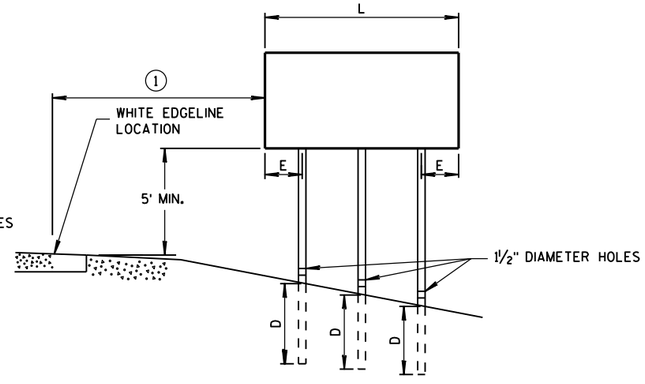
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

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

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

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

4" X 6" WOOD POST

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

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

STATE OF WISCONSIN DEPARTMENT OF TRANSPO

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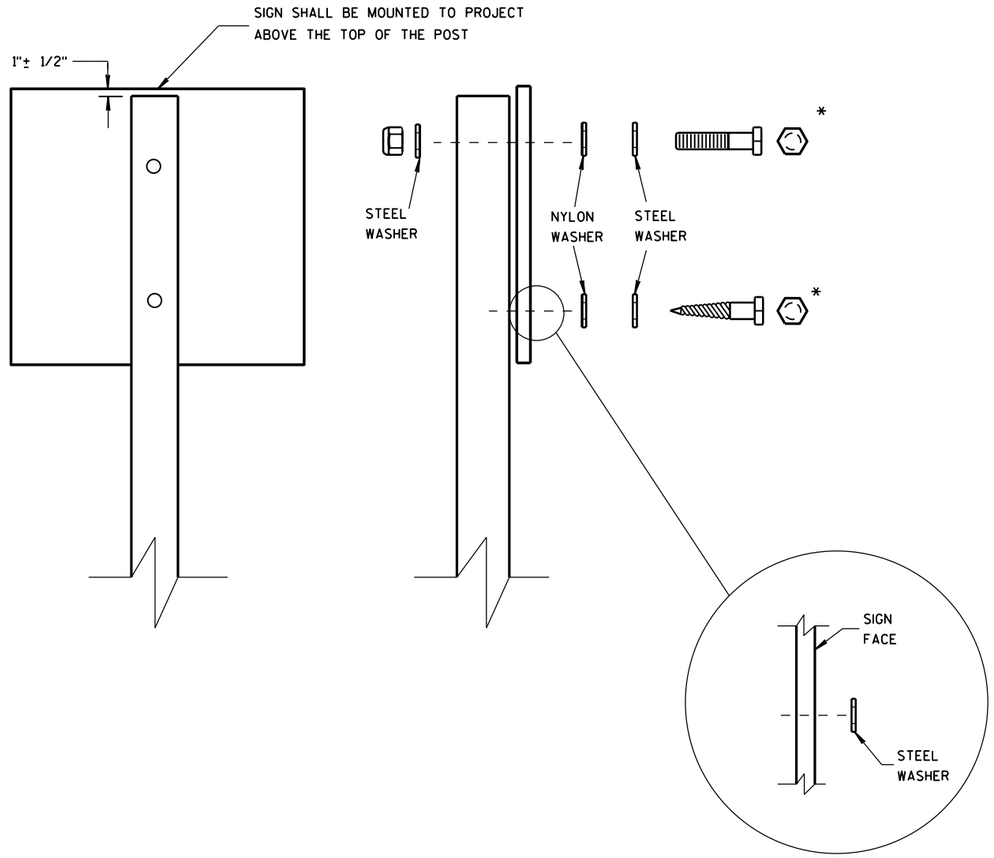
S.D.D. 15 D 38-1a



WASHER PLACEMENT WHEN SIGN HAS OTHER THAN TYPE H OR TYPE F FACE

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

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

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S.D.D. 15 D 38-1b

S.D.D. 15 D 38-1b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

Feb. 2015 — DATE

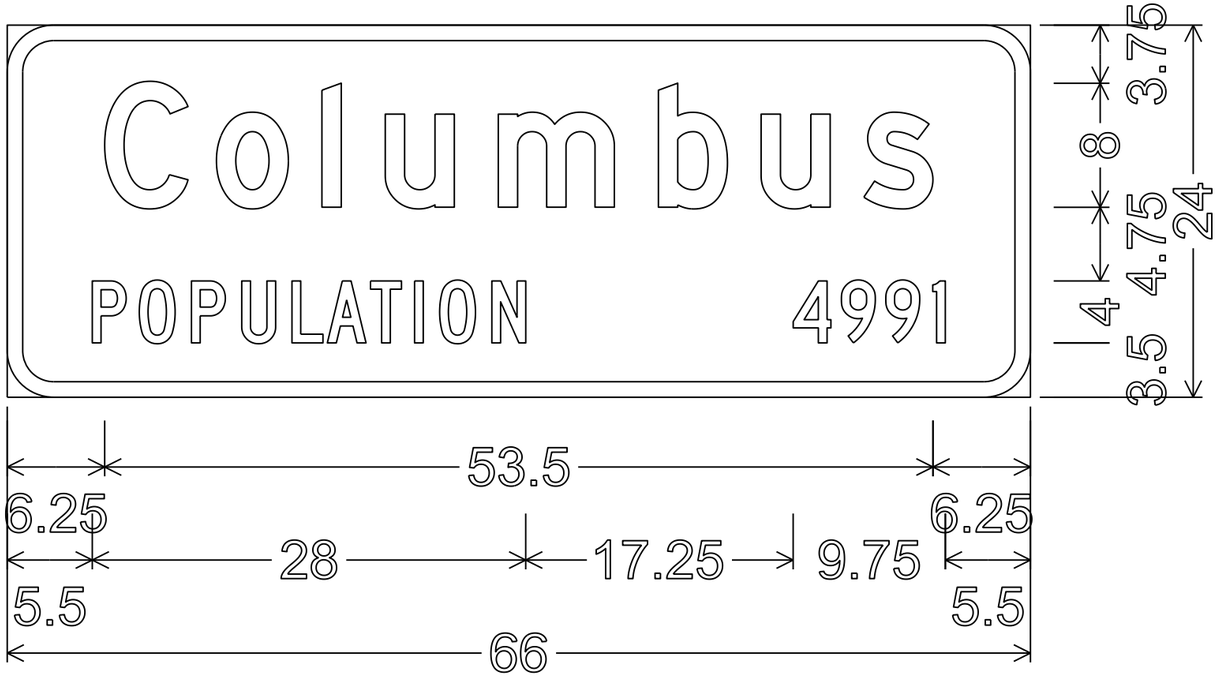
/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

SIGN

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted



I2-3;

3.000" Radius, 1.000" Border,

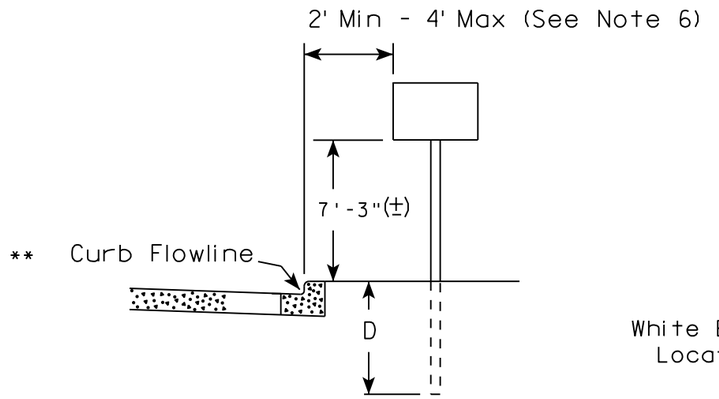
"Columbus" D; "POPULATION" C; "4991" C

7

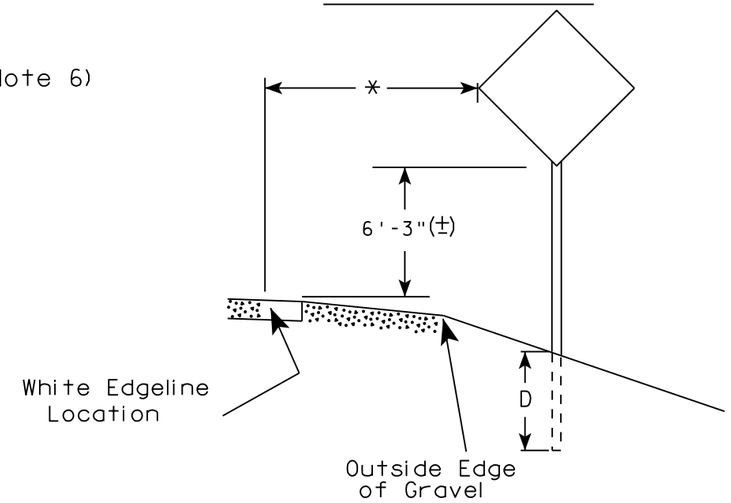
7

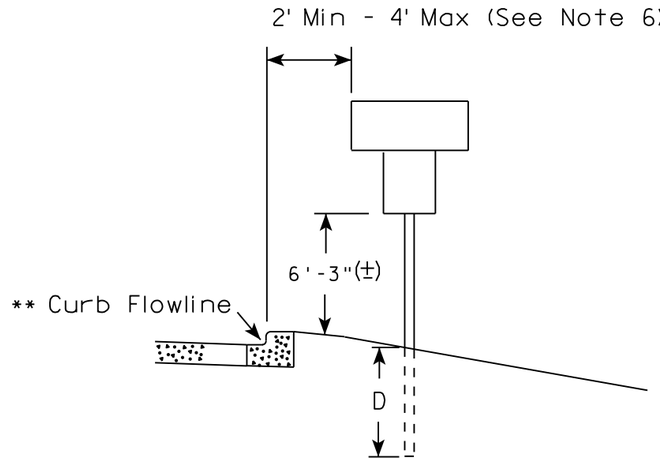
PROJECT NO: 3060-02-71	HWY: STH 73	COUNTY: COLUMBIA	PERMANENT SIGNING	SHEET NO: 50	E

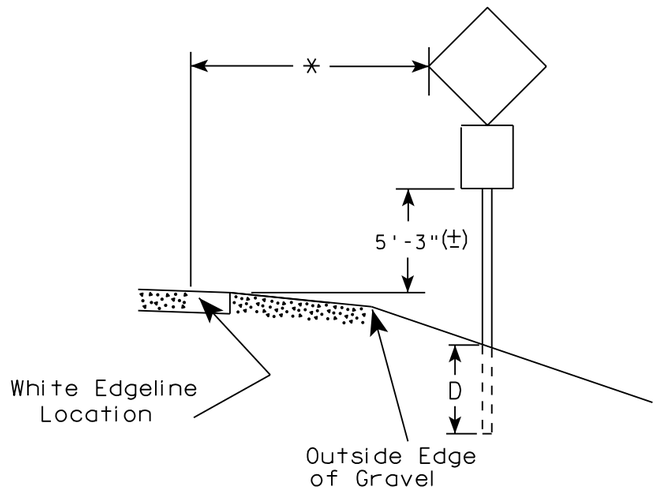
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

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

GENERAL NOTES

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

POST EMBEDMENT DEPTH

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

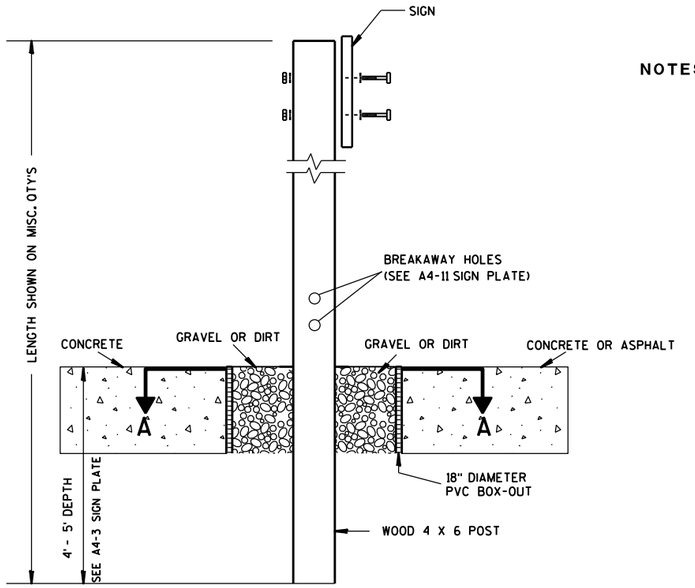
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

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

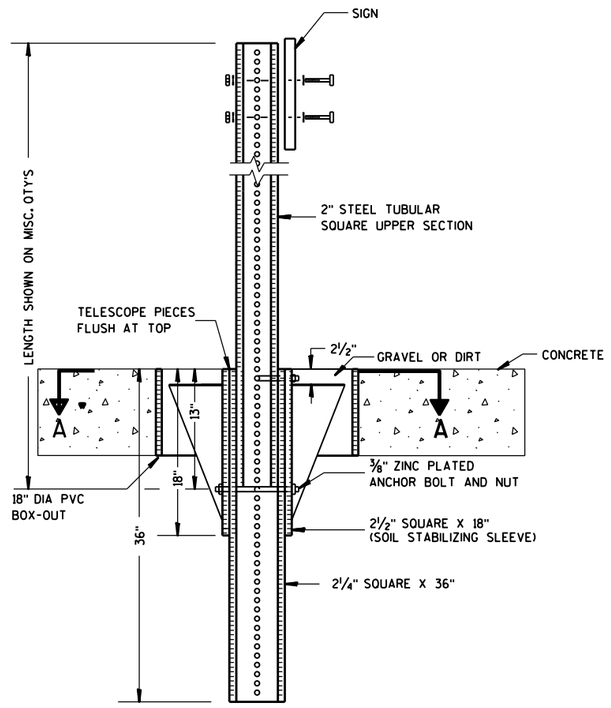
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 51	E



ELEVATION VIEW

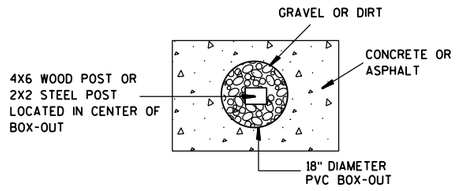
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

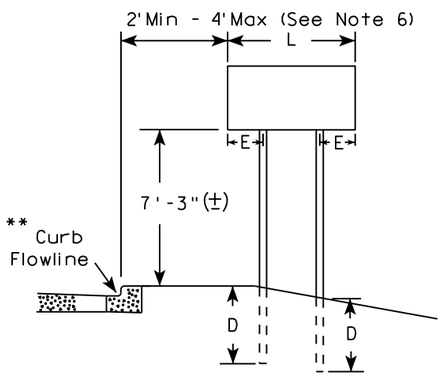
APPROVED Matthew R Rauch
for State Traffic Engineer

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

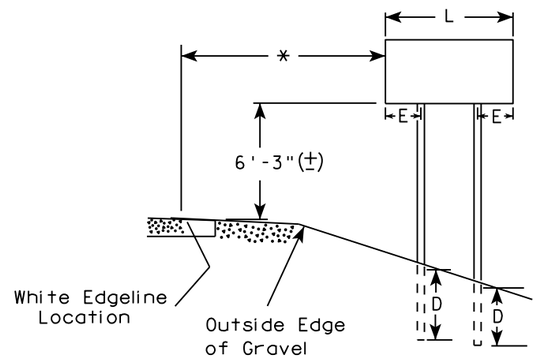
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

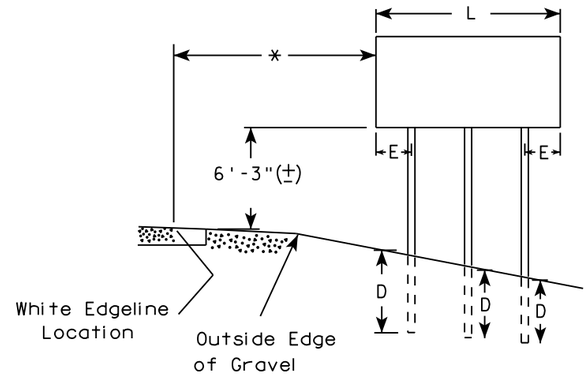
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

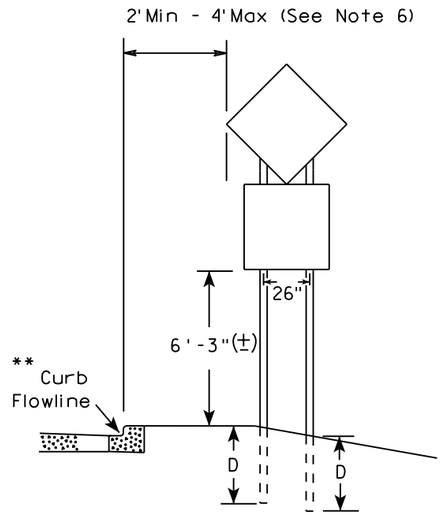
URBAN AREA



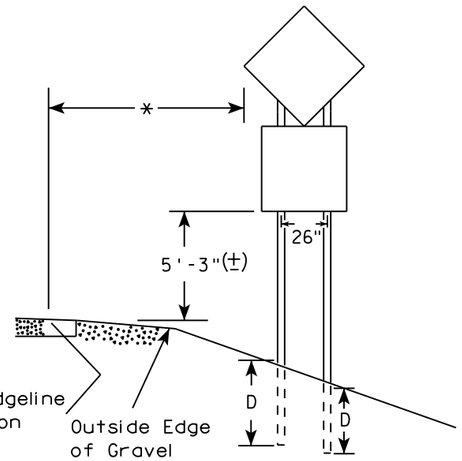
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

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

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

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

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

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

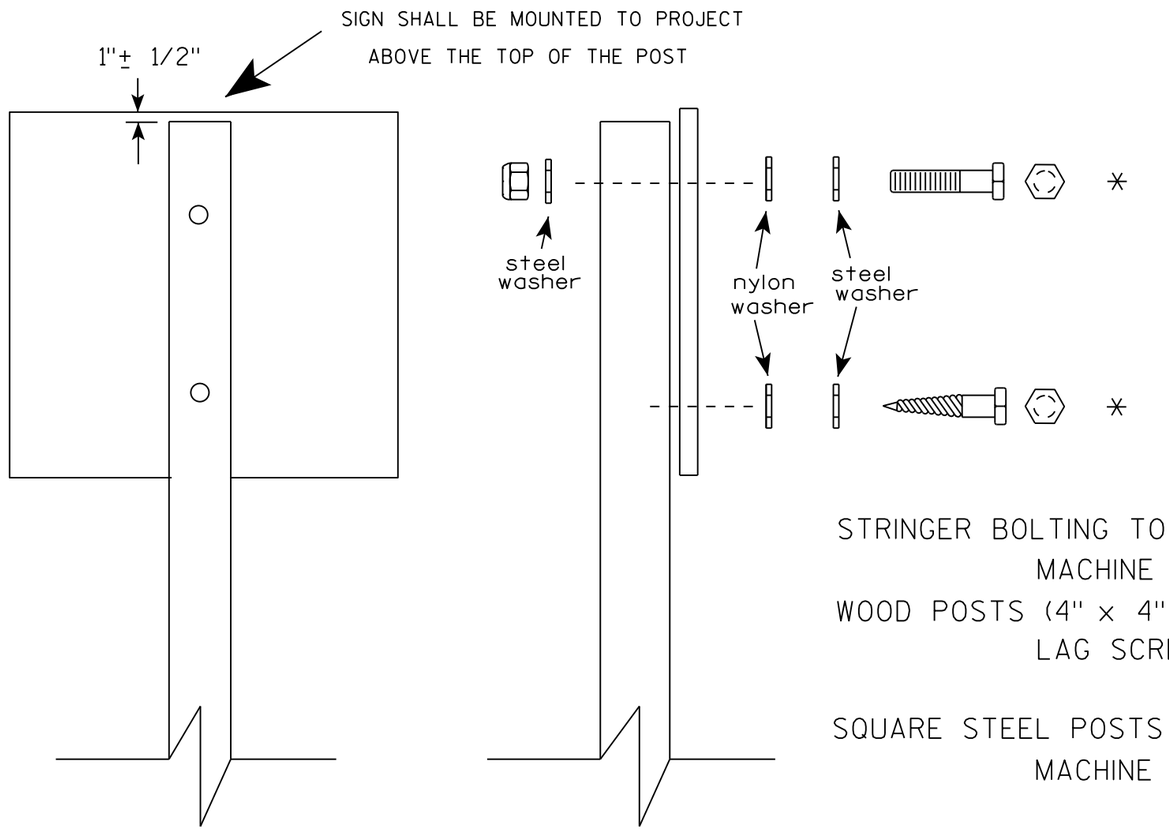
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 53	E



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.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts
WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)
SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
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

* 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

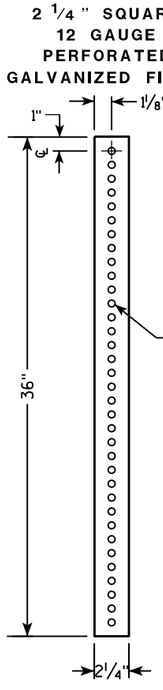
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/11/16 PLATE NO. A4-8.8

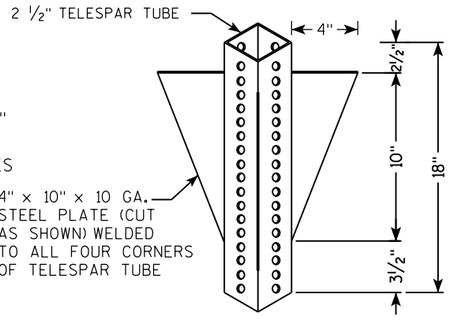
PROJECT NO: SHEET NO: E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

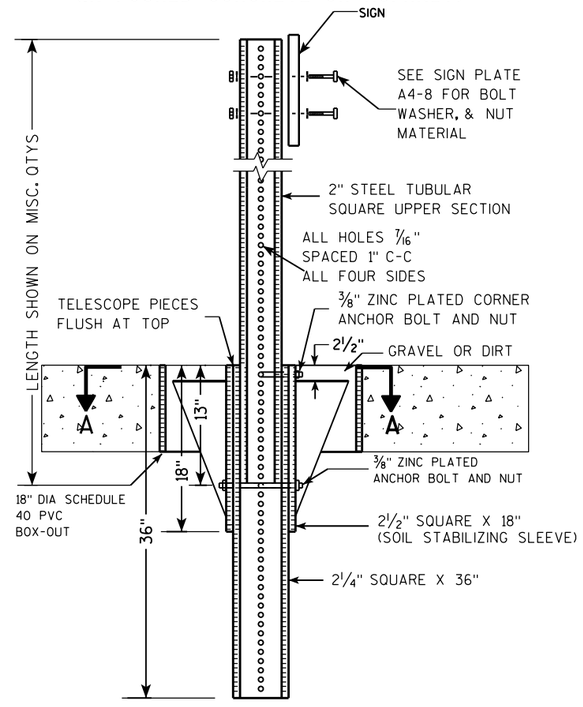
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



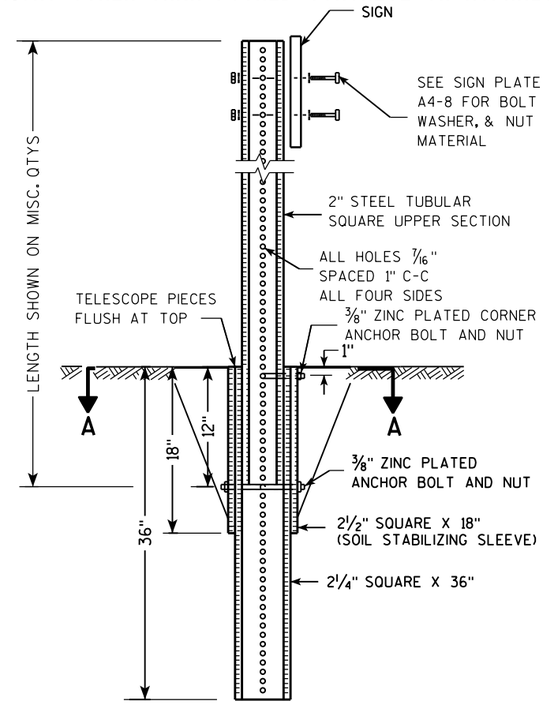
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

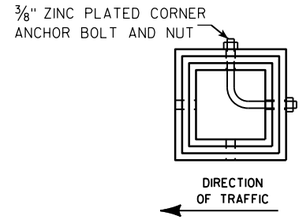


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

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

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

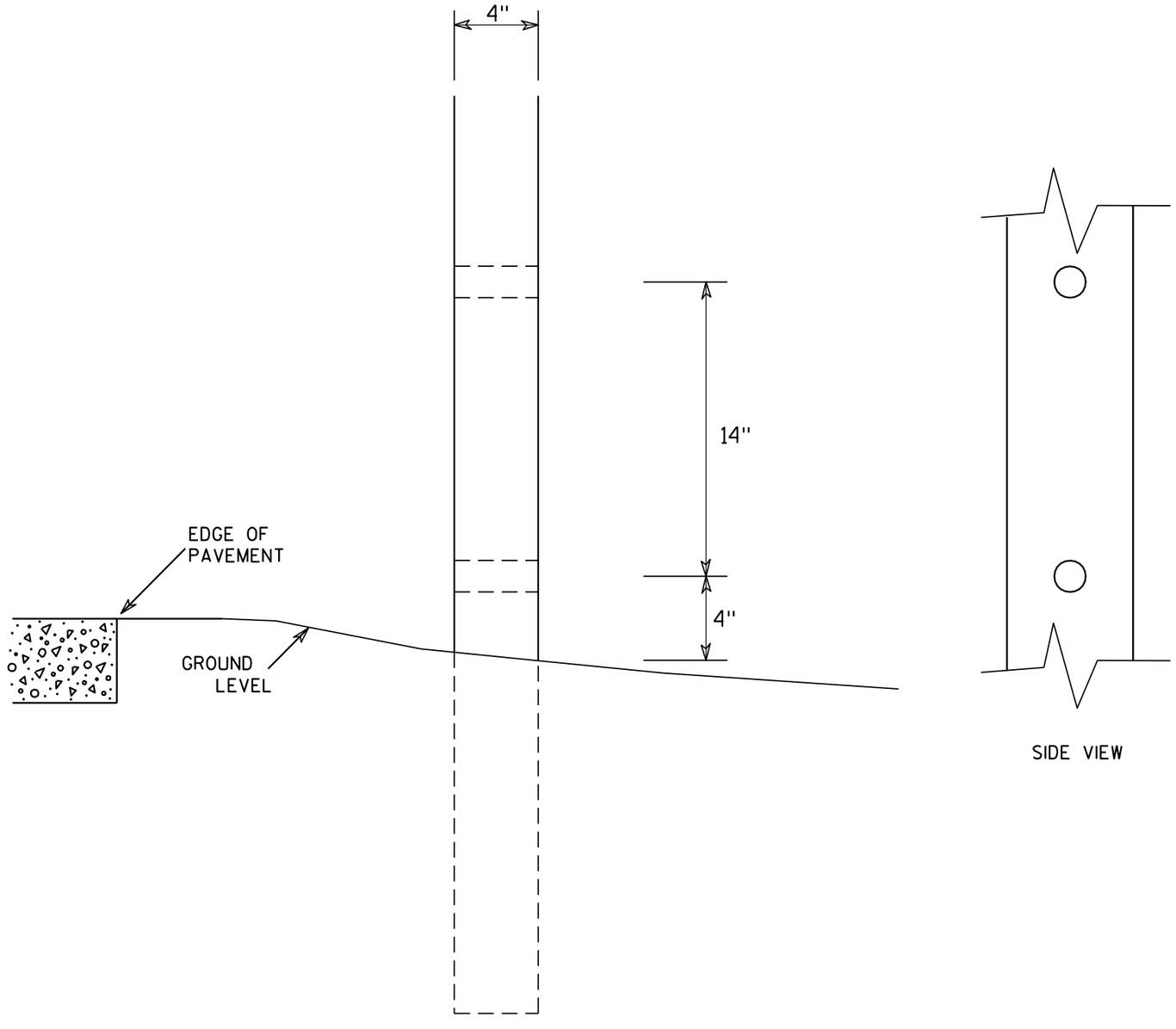
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 55 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

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

7

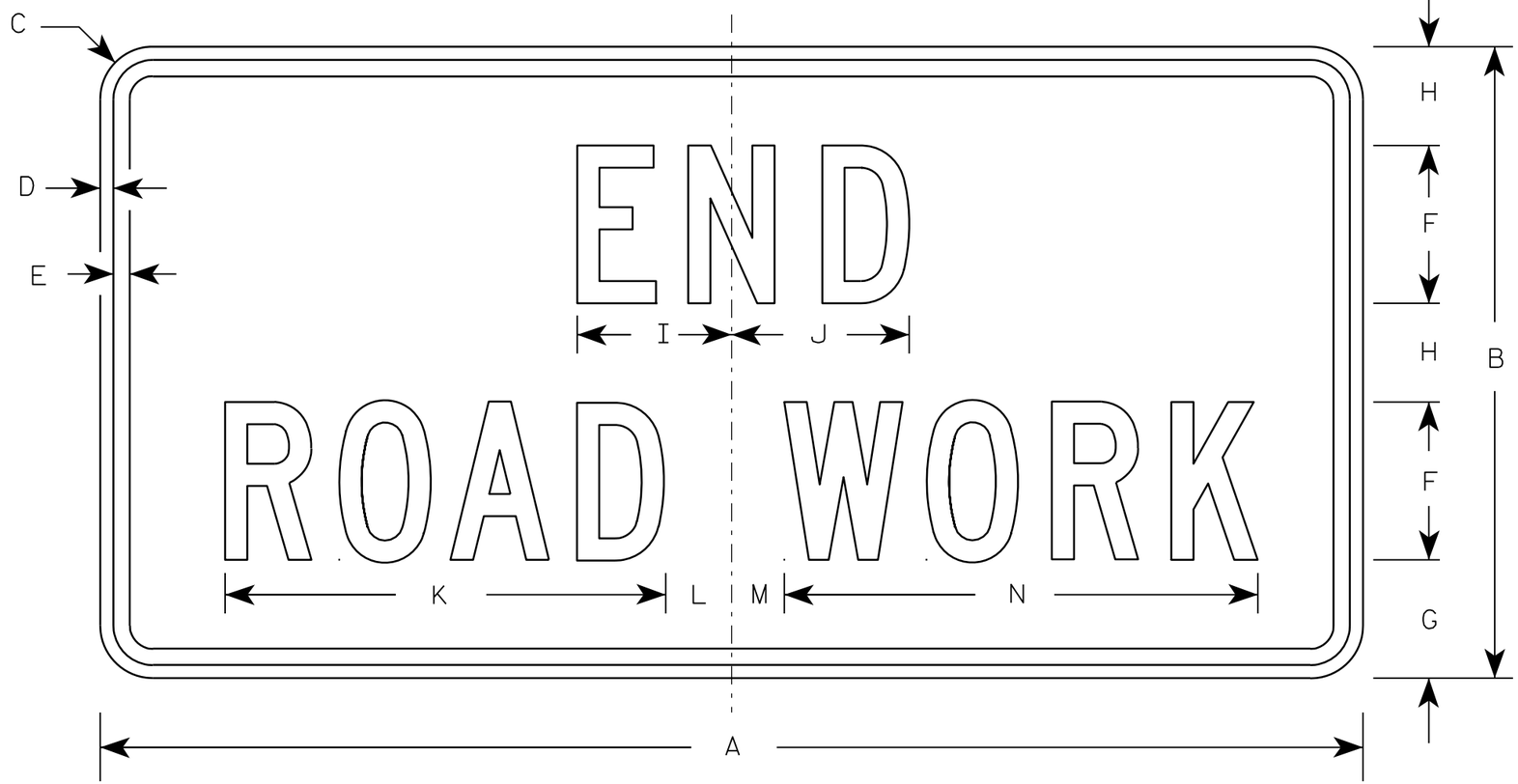
4 X 6 WOOD POST MODIFICATIONS

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: 56	E



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

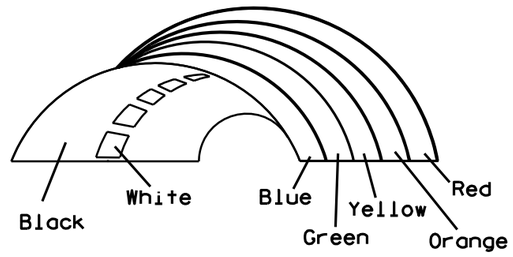
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 57	E

* VARIES

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.

Background Colors of Symbol*



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

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																											

STANDARD SIGN
I55-56

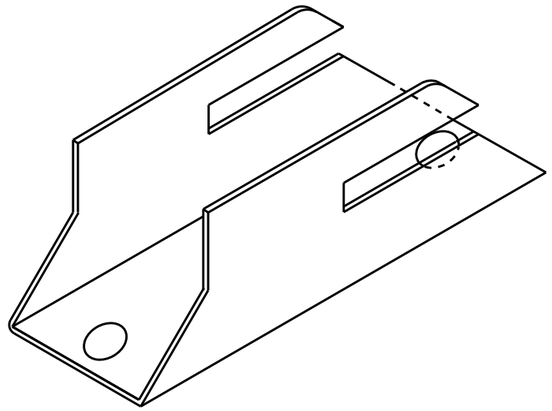
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

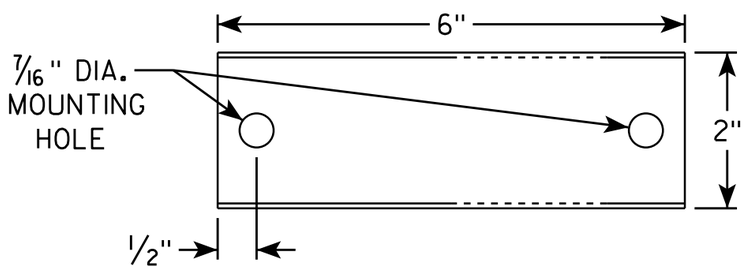
DATE 4/27/11 PLATE NO. 155-56.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 58

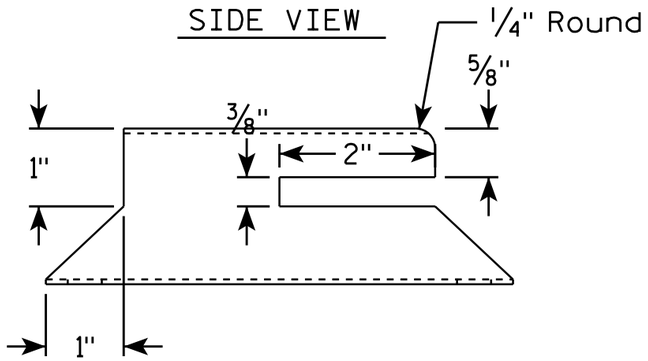
ISOMETRIC VIEW



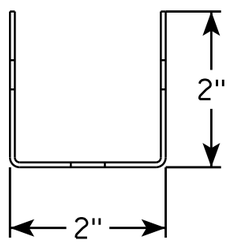
TOP VIEW



SIDE VIEW



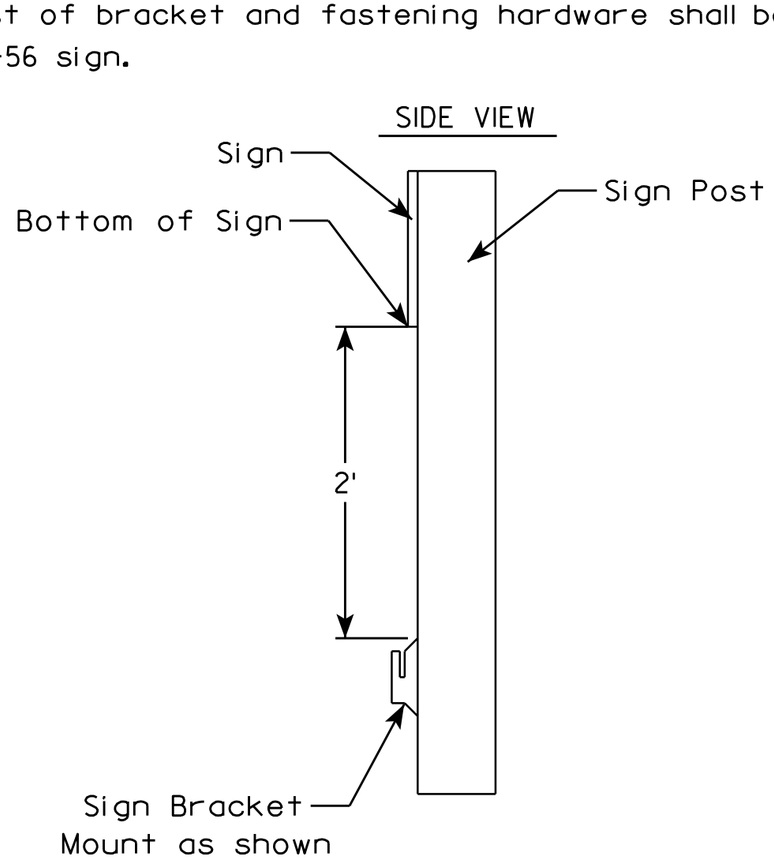
END VIEW



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

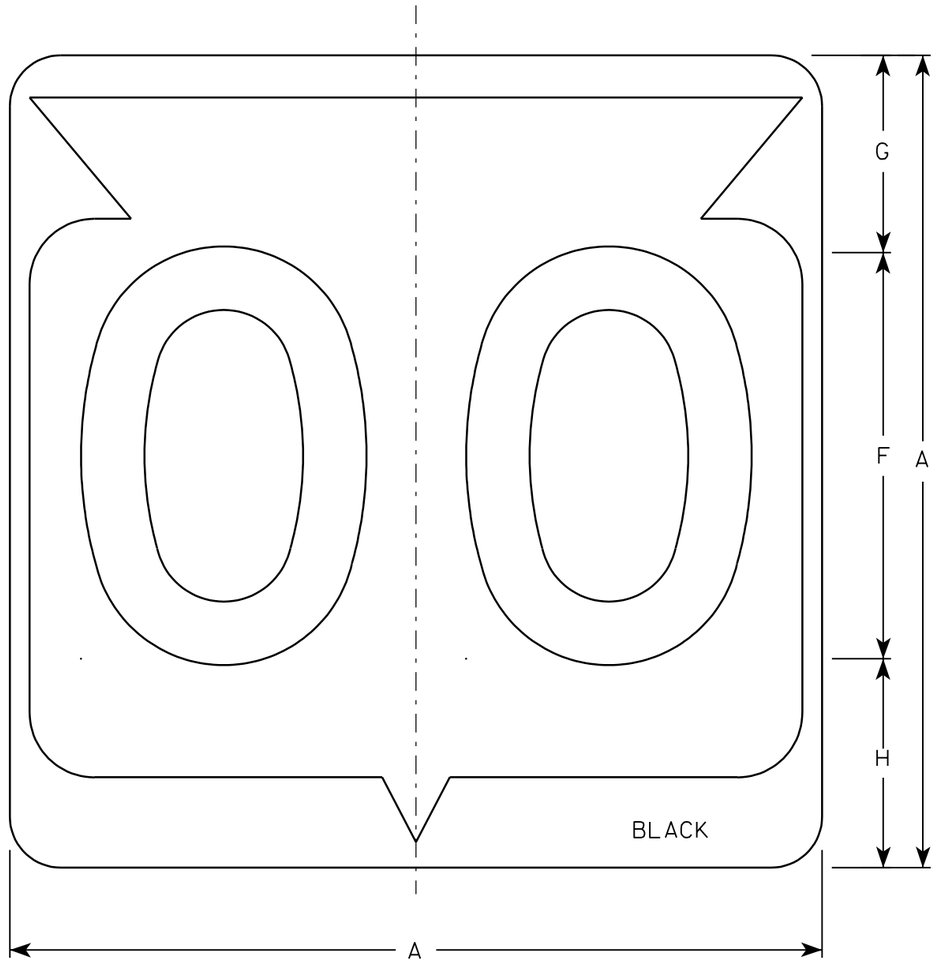
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

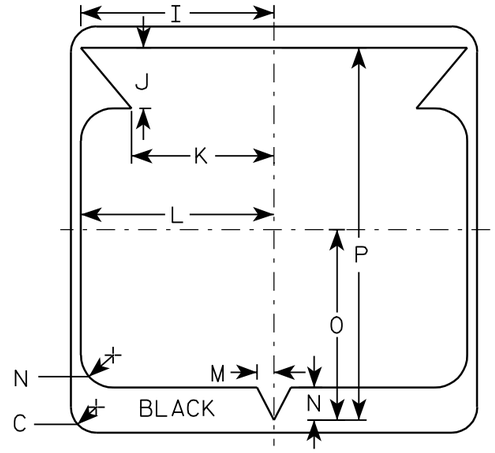
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42



M1-6

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



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 m2
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

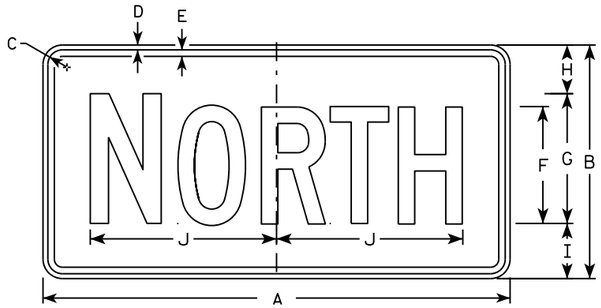
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

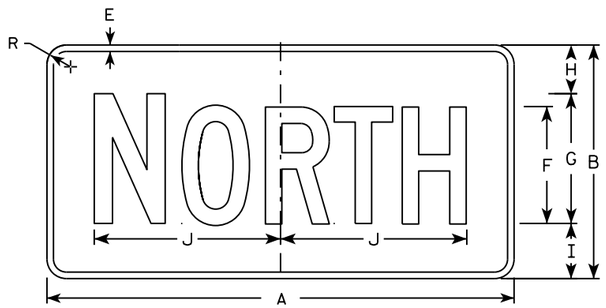
APPROVED Chester J Spang for State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 60	E



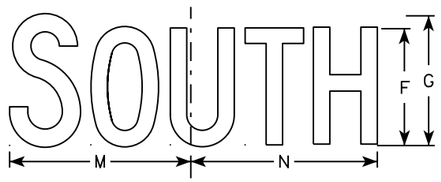
M3-1
MM3-1
MP3-1



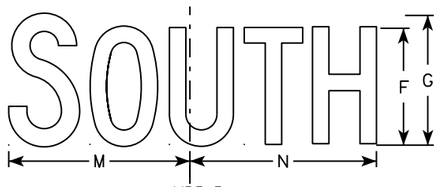
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

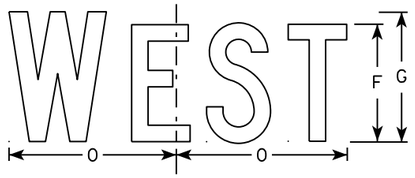
MB3-2
MK3-2
MN3-2



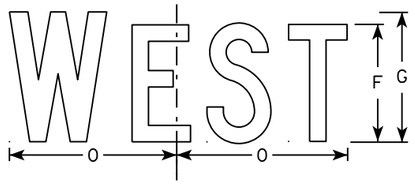
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



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 thur M3-4
SERIES

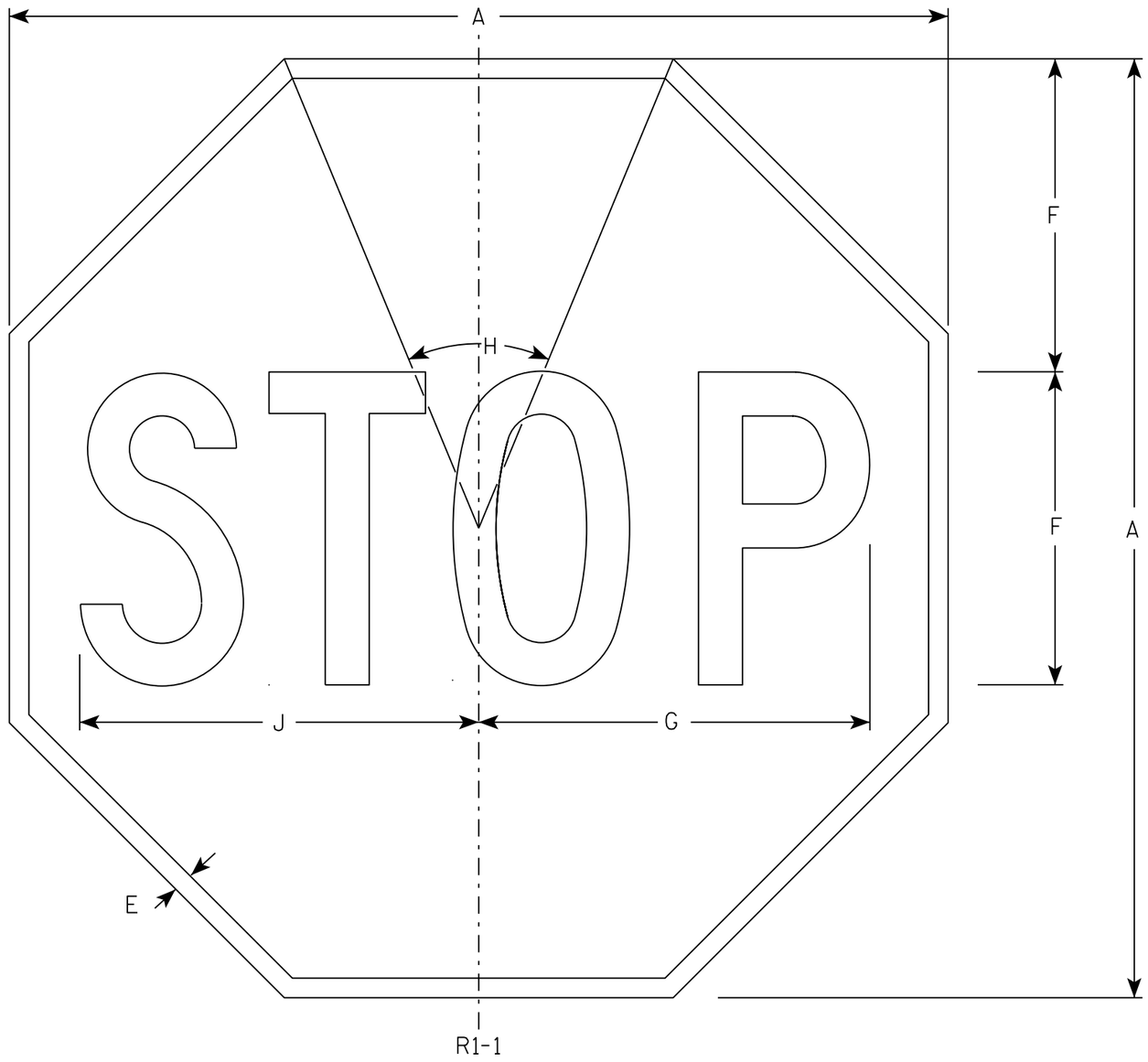
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



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

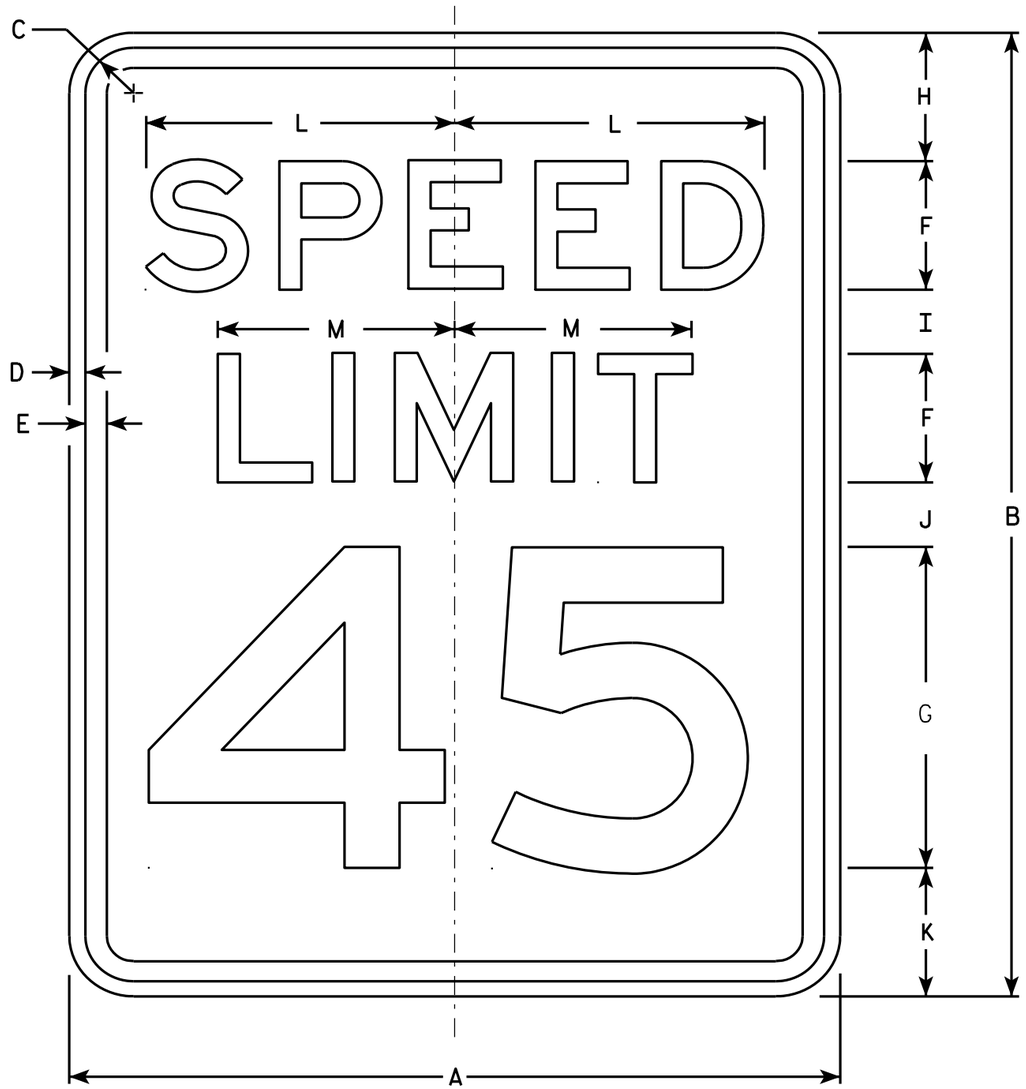
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 62	E



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

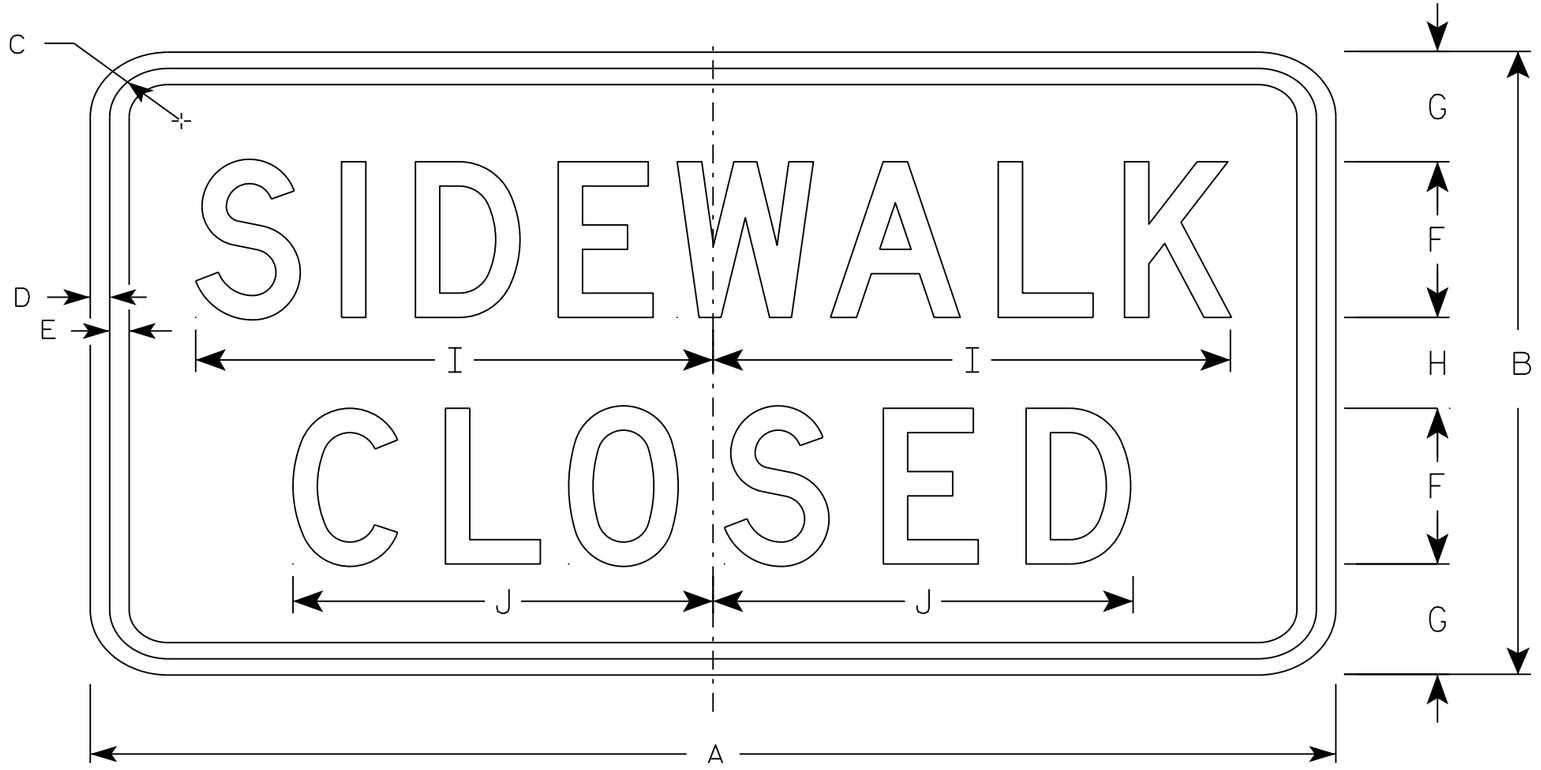
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 63 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000

WISDOT/CADDS SHEET 42



R9-9

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 - 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. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

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	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

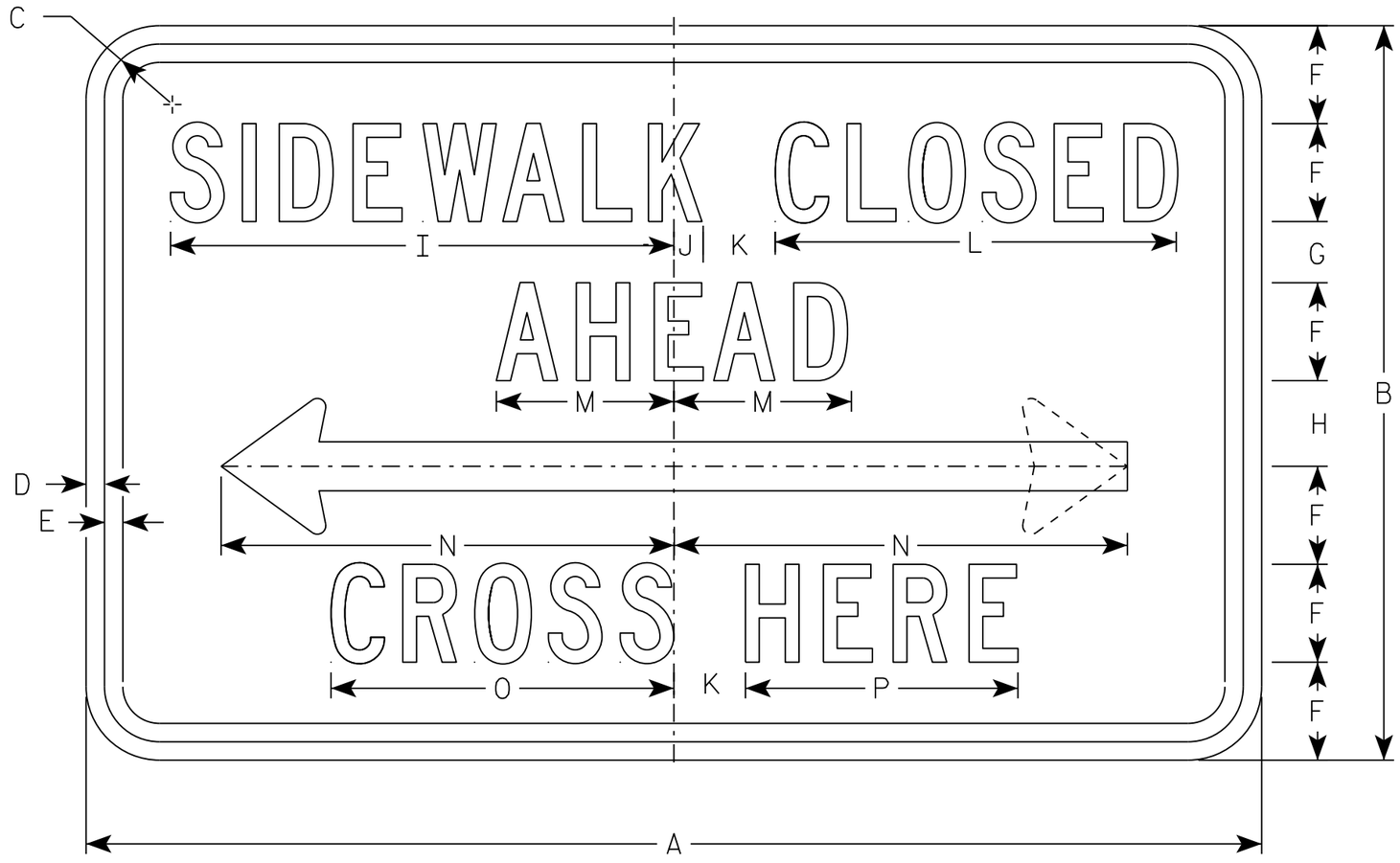
STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

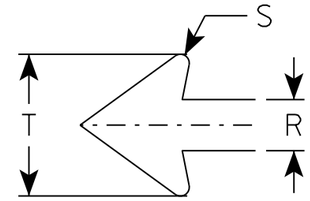
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 64 R9-9.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



R9-11



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C except Size 1 is 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. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

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	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
2M	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
3	30	15	1 1/8	3/8	1/2	2	1 1/2	1 1/2	13	3/4	2	10 1/4	4 5/8	12 3/8	8 7/8	6 7/8		1 1/4	1/4	3 5/8							3.125
4																											
5																											

STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

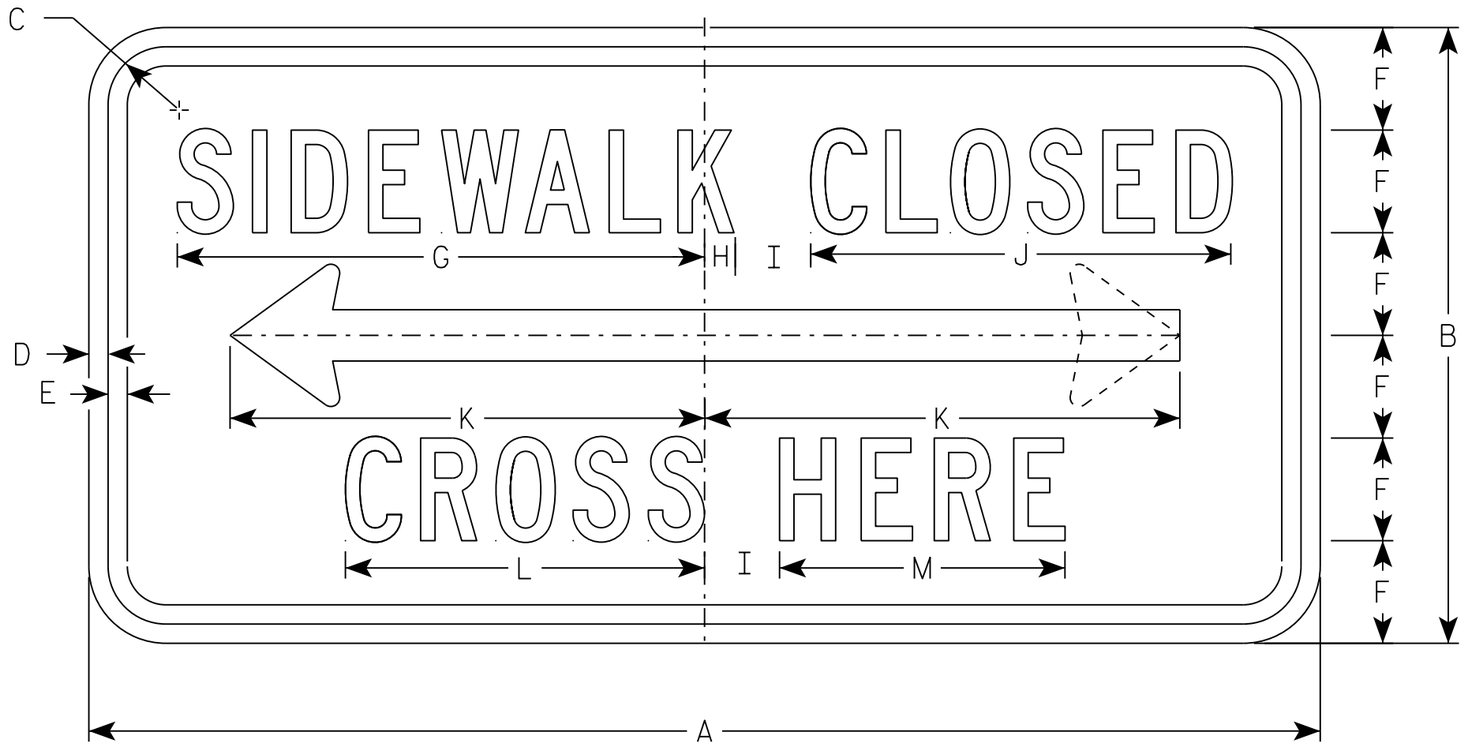
APPROVED Matthew R Rauch
for State Traffic Engineer

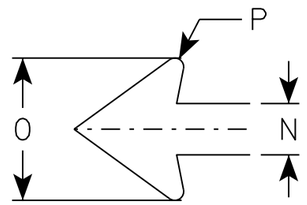
DATE 11/29/16 PLATE NO. R9-11.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 65	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for paths and Trails.





R9-11A

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	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
2M	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
3	30	15	1 1/8	3/8	1/2	2	13	3/4	2	10 1/4	12 3/8	8 7/8	6 7/8	1 1/4	3 5/8	1/4											3.125
4																											
5																											

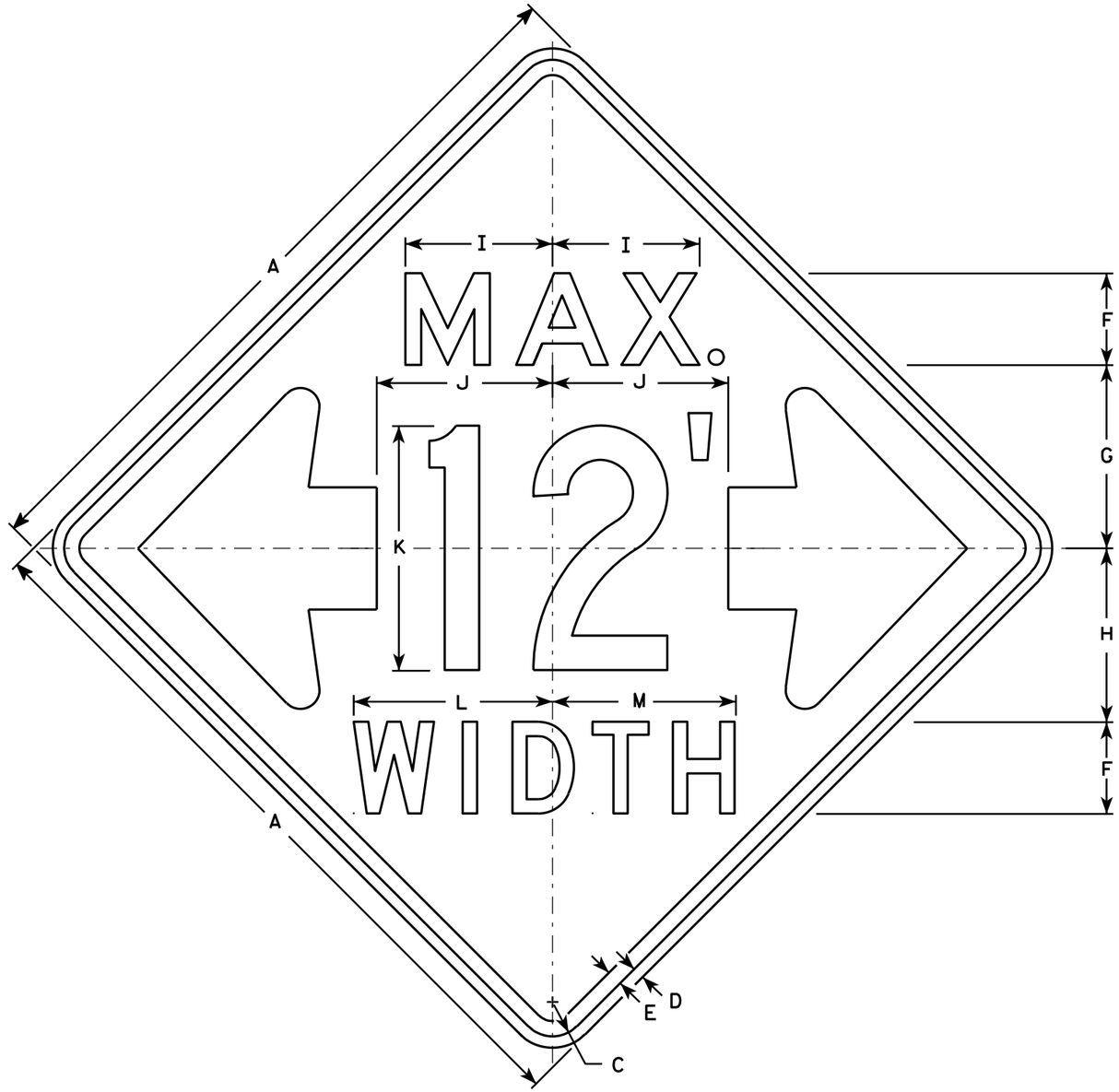
STANDARD SIGN
R9-11A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11A.3

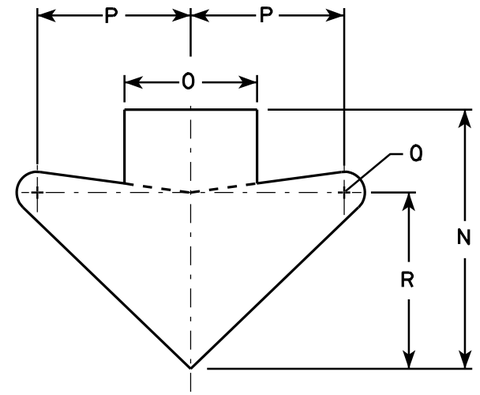
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 66 E



W12-52

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. The top line is series E, the numerals are series C, and the bottom line is series D.
6. 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

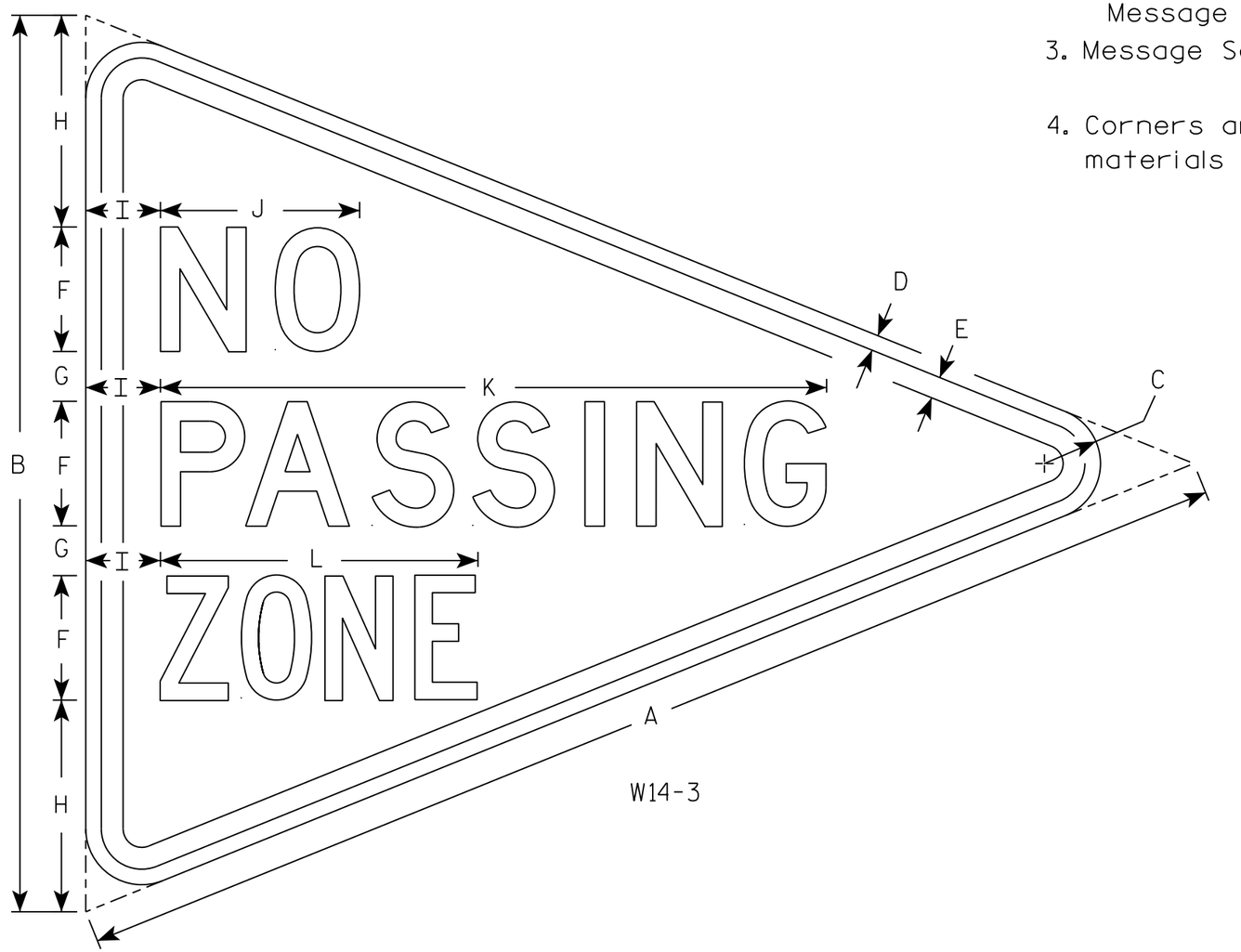
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 67 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W1252.DGN PLOT DATE : 16-MAR-2011 14:45 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.137199:1.000000
WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

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	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

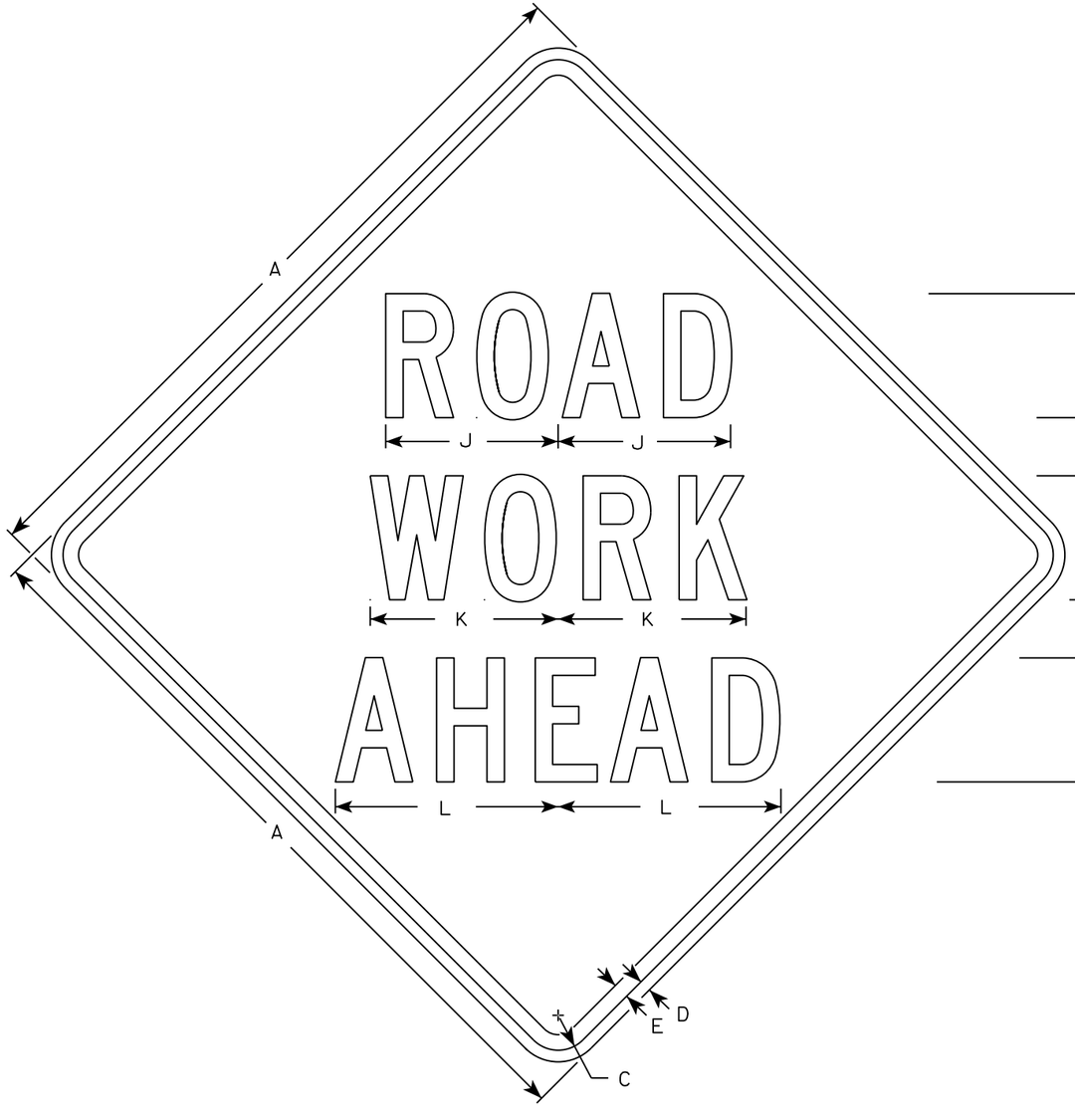
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

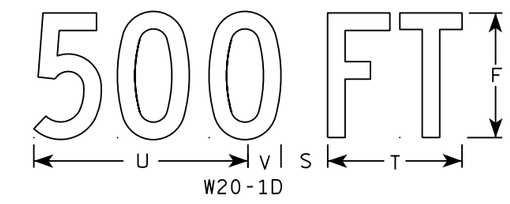
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10

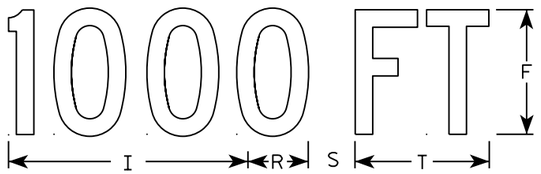
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 68 | E



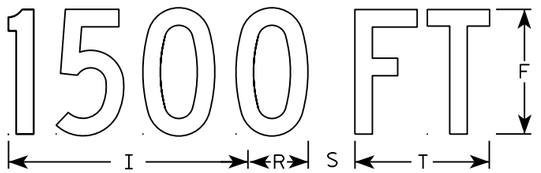
W20-1A



W20-1D

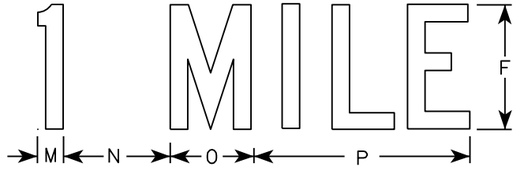


W20-1C

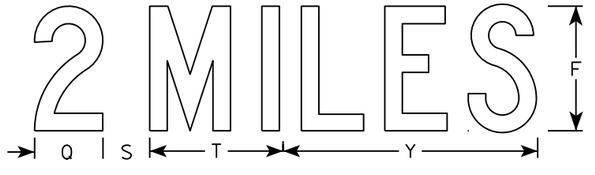


W20-1B

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

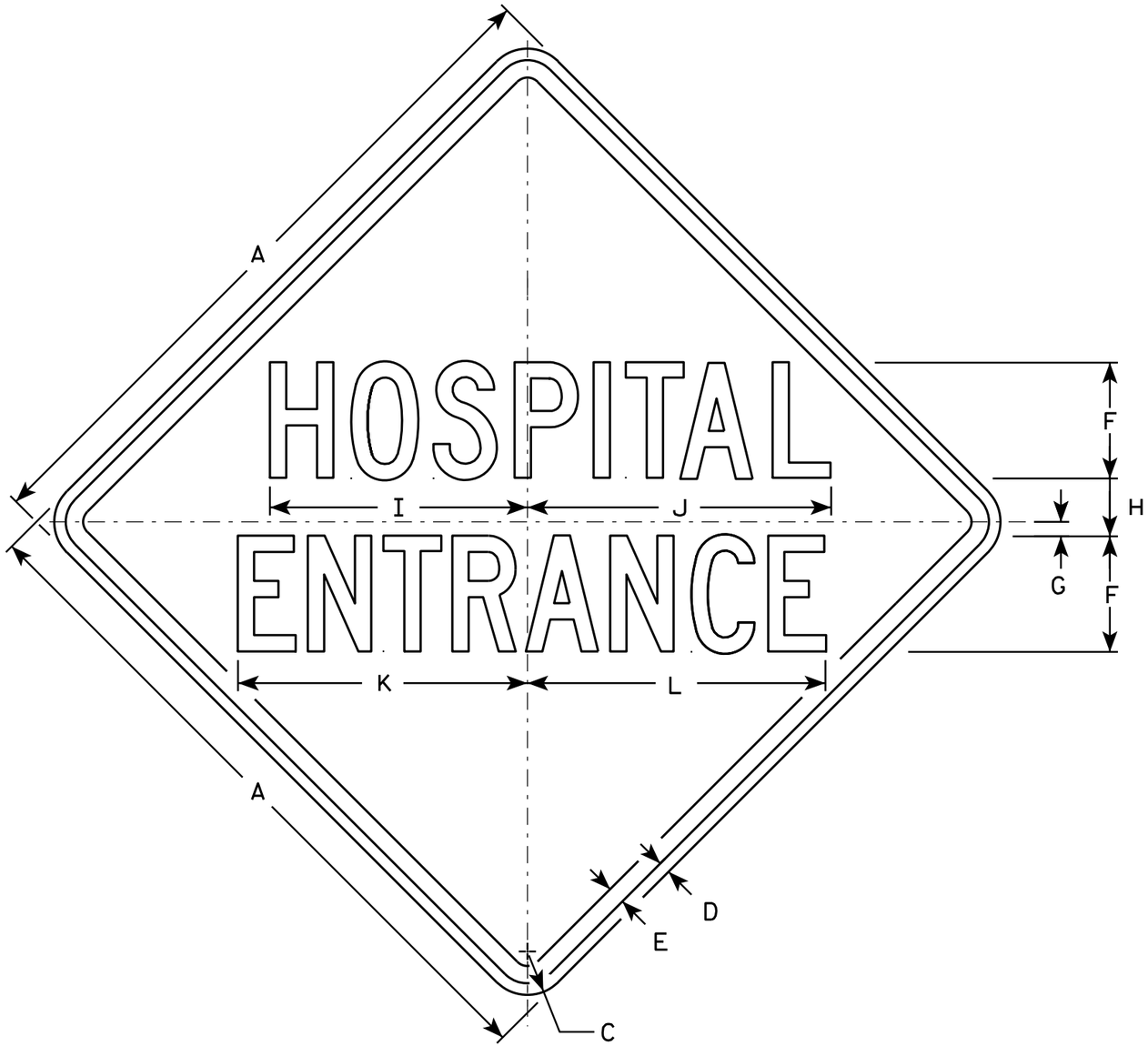
APPROVED Matthew R Rauch
for State Traffic Engineer

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

PROJECT NO:

SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 01-DEC-2015 18:24 PLOT BY : $$ plotuser $$



W54-59

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
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																											
2S	30		1 3/8	1/2	5/8	5	5/8	2 1/2	11 1/8	13 1/8	12 1/2	12 7/8															6.25
2M	36		1 5/8	5/8	3/4	6	3/4	3	13 3/8	15 3/4	15	15 3/8															9.00
3	36		1 5/8	5/8	3/4	6	3/4	3	13 3/8	15 3/4	15	15 3/8															9.00
4																											
5																											

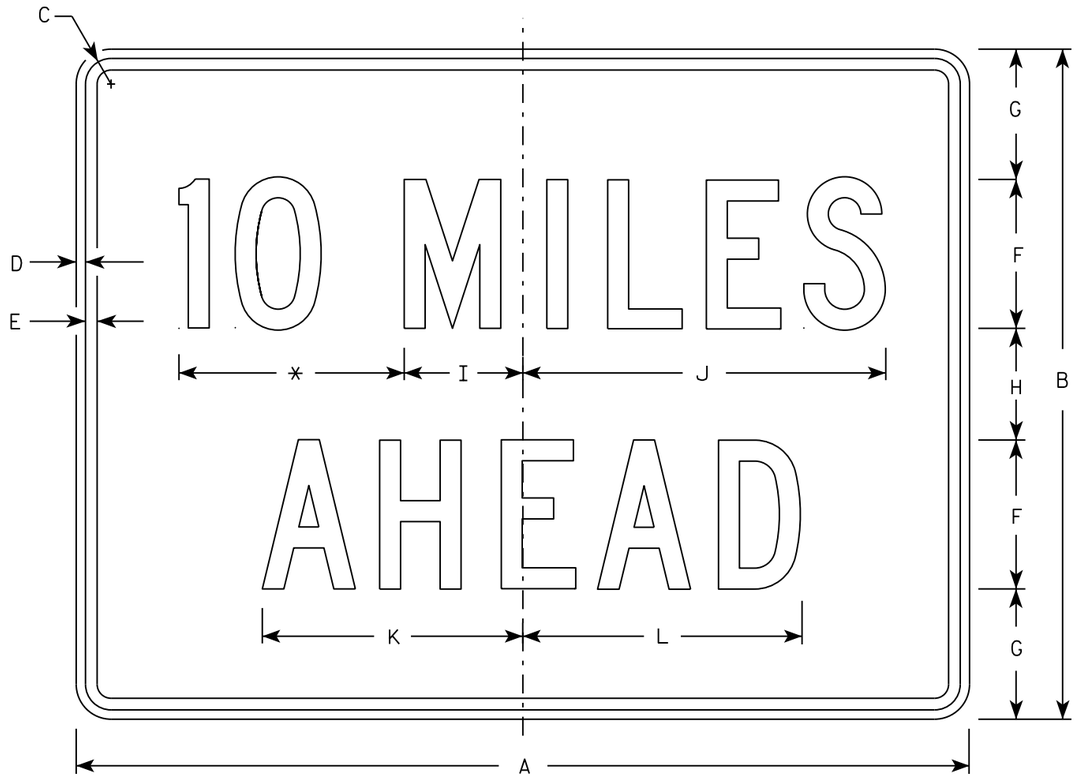
STANDARD SIGN
W54-59

WISCONSIN DEPT OF TRANSPORTATION

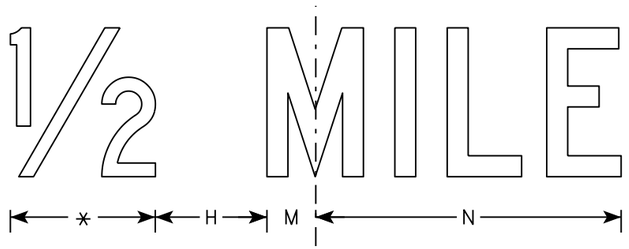
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W54-59.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 70	E



W057-52



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.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 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.
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	12													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	16 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	16 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	16 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	16 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	16 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W057-52.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 71	E

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
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