PLAN

ORDER OF SHEETS

Section No. 1 Title Section No. 2 Typical Sections and Details Section No. 3 Estimate of Quantities Section No. 3 Miscellaneous Quantities Right of Way Plat Section No. 5 Plan and Profile Section No. 6 Standard Detail Drawings

Section No. 7 Sign Plates

Section No. 9 Computer Earthwork Data Section No. 9 Cross Sections

TOTAL SHEETS = 52

DESIGN DESIGNATION

A.A.D.T.	2016	=	ΝA
A.A.D.T.	2036	=	N/
D.H.V.	2036	=	ΝA
D.D.		=	N/
T.		=	N/
DESIGN S	SPEED	=	N/
ESALS		=	NA

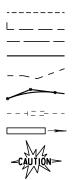
CONVENTIONAL SYMBOLS

CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SLOPE INTERCEPT
REFERENCE LINE
EXISTING CULVERT

PROPOSED CULVERT (Box or Pipe) COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA



ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE UTILITY PEDESTAL POWER POLE TELEPHONE POLE

PROFILE

GRADE LINE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

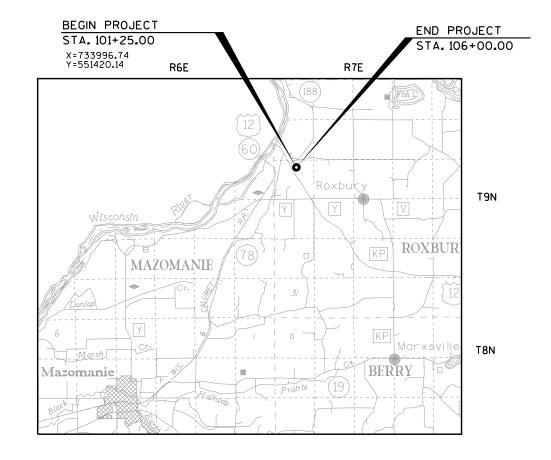
PLAN OF PROPOSED IMPROVEMENT

SAUK CITY - MADISON

USH 12 & STH 188 INTERSECTION

EXPAND PARK & RIDE USH 12, DANE COUNTY

> STATE PROJECT NUMBER 5300-05-72



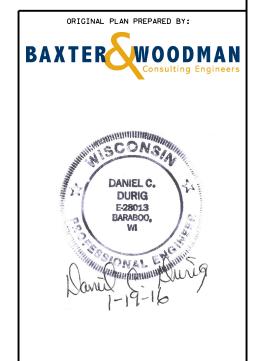
LAYOUT SCALE ___

TOTAL NET LENGTH OF CENTERLINE = 0.000 MI.

COORDINATES ON THIS PLAN ARE GPS REFERENCED TO NAD83 (2011) USING WISCONSIN HEIGHTMODERNIZATION STATIONS OM0472 E109. DH5677 WEST POINT WEST GPS, AND DH5092ROXBURY W GPS

> ELEVATIONS REFERENCED ON THIS PLAN ARE BASED ON WISCONSIN HEIGHT MODERNIZATION STATION: DH83882U51 - NAVD88 (2012)

FEDERAL PROJECT STATE PROJECT CONTRACT PROJECT 5300-05-72



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED BY

Surveyor	THE EXCELSIOR GROUP, LLC
Designer	BAXTER & WOODMAN, INC.
Project Manager	CHRIS HODGES PE, PLS
Regional Examiner	
Regional Supervisor	KARLA KNORR, PE
	•

APPROVED FOR THE DEPARTMENT

C.O. Examiner



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LABEL _ _

STANDARD ABBREVIATIONS

AVERAGE DAILY TRAFFIC A.D.T.

B.M. BENCHMARK

D.H.V. DESIGN HOUR VOLUME DIRECTIONAL DISTRIBUTION D.

FERT. FERTILIZER H.W. HIGH WATER CWT. HUNDREDWEIGHT

LUMP SUM L.S. OBS. OBSERVED

P.C. POINT OF CURVATURE POINT OF INTERSECTION P.I. P.T. POINT OF TANGENT TRUCK (PERCENT OF)

TEMPORARY LIMITED EASEMENT T.L.E.

UNCLASSIFIED UNCL. V.C. VERTICAL CURVE

DESGIN CONTACT

CHRIS HODGES, PE PLS PROJECT MANAGER

WI DEPT. OF TRANSPORTATION MADISON WI 53713 2101 WRIGHT ST

MADISON, WI 53704-2583 BUSINESS: (608) 246-7911

MOBILE: (815) 623-3636 CHRIS.HODGES@DOT.WI.GOV BAXTER & WOODMAN

DANTEL DURTG. PF

2801 COHO ST., SUITE 204 P (608) 481-0691

F (608) 277-1240 DDURIG@BAXTERWOODMAN.COM DNR CONTACT

MR. ERIC HEGGELUND 3911 FISH HATCHERY RD FITCHBURG WI 53711

P (608) 275-3301 F (608) 275-3338

ERIC.HEGGELUND@WISCONSIN.GOV

GENERAL NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED, SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

WHEN THE QUANTITY OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE 4-INCH HMA PAVEMENT SHALL BE CONSTRUCTED WITH A 13/4" UPPER LAYER AND A 21/4" LOWER LAYER.

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

TACK COAT SHALL BE PLACED BETWEEN LAYERS OF HMA PAVEMENT AT AN APPLICATION RATE OF 0.05 GALLONS PER SQUARE YARD.

SILT FENCE TO BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

EROSION CONTROL IS SHOWN ON THE PLAN SHEET AND IN THE SUMMARY OF MISCELLANEOUS QUANTITIES. (FOR DNR REVIEW)



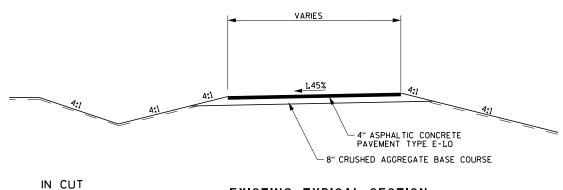
UTILITIES

ALLIANT ENERGY - ELECTRIC JASON HOGAN 4902 N BILTMORE LANE MADISON, WI 53718 (608) 458-4871 OFFICE (608) 395-7395 MOBILE JASONHOGAN@ALLIANTENERGY.COM

PROJECT NO: 5300-05-72

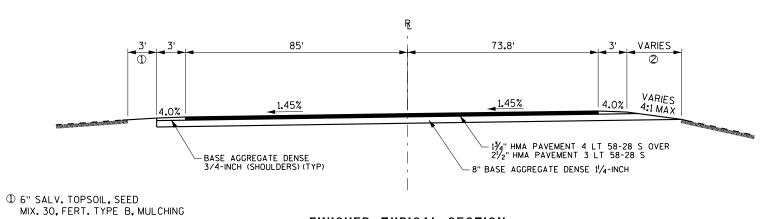
HWY: USH 12 & STH 188 INTERSECTION COUNTY: DANE





EXISTING TYPICAL SECTION
PARK & RIDE LOT - LOOKING EAST

IN FILL



FINISHED TYPICAL SECTION
PARK & RIDE LOT - LOOKING EAST

STA 103+50 - 105+50

PROJECT NO: 5300-05-72

HWY: USH 12 & STH 188 INTERSECTION COUNTY: DANE

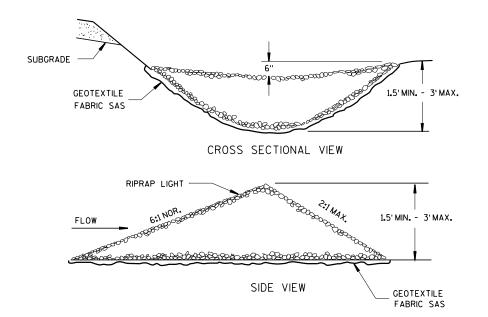
4:56:08 PM

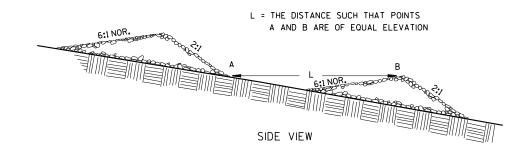
TYPICAL SECTIONS

SHEET NO:

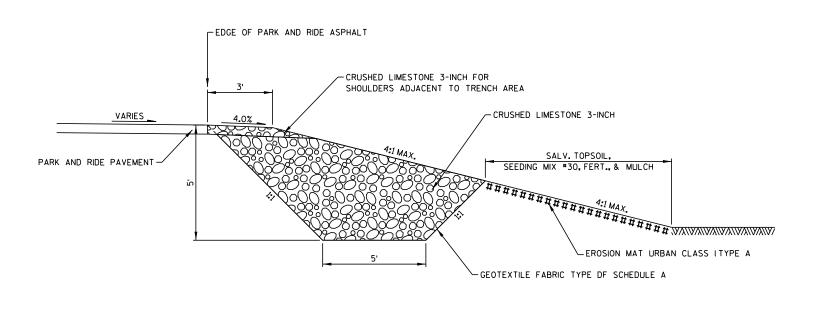
② SEED MIX 30, FERT. TYPE B, MULCH

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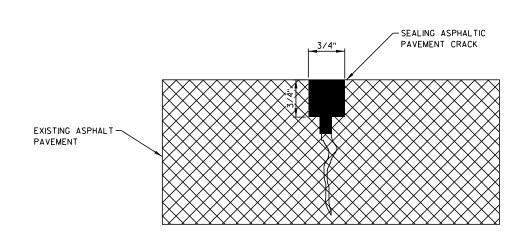




PERMANENT STONE DITCH CHECK



INFILTRATION TRENCH TYPICAL SECTION



SEALING ASPHALTIC PAVEMENT CRACKS

DETAIL

STA 105+07.73 STA 105+13.45 43.19' L T /46.80'LT EL 820.46 EL 820.48 STA 105+II.73 -43.19' LT RADIUS PT D D, STA 105+23.73 R 18' 30.54' L T EL 820.83 4 STA 105+II.73 α STA 105-05.73 -17.89'LT RADIUS PT -30.54' LT RADIUS PT STA 105+07.73 17.89'LT STA 105+13.45 14.28' L T EL 820.83 EL 820.95 105+00 STA 105+07.59 STA 105+13.30 17.80' RT /14.18' RT EL 821.35 EL 821.36 5 STA 105+II.59 17.80' RT RADIUS PT D, R 18' STA 105+23.59 30.45'RT Ď ELE 821.71 8 STA 105+05.59 STA 105+11.59 30.45' RT RADIUS PT 43.10' RT RADIUS PT STA 105+07.59 STA 105+13.30 43.10' RT 46.71' RT EL 821.71 EL 821.83

CURB & GUTTER LAYOUT
PLAN

PROJECT NO: 5300-05-72

2

HWY: USH 12 & STH 188 INTERSECTION

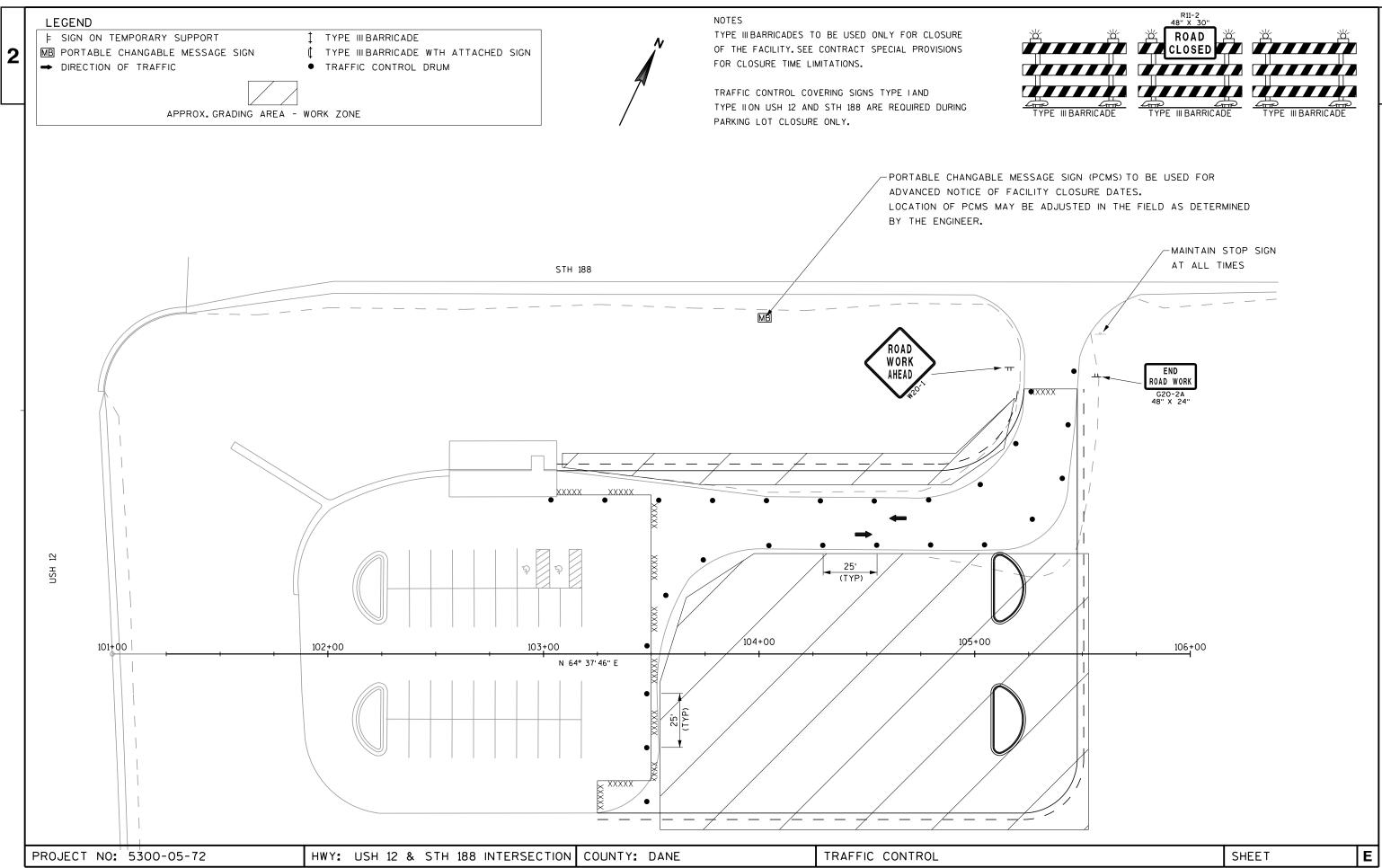
COUNTY: DANE

CONSTRUCTION DETAILS

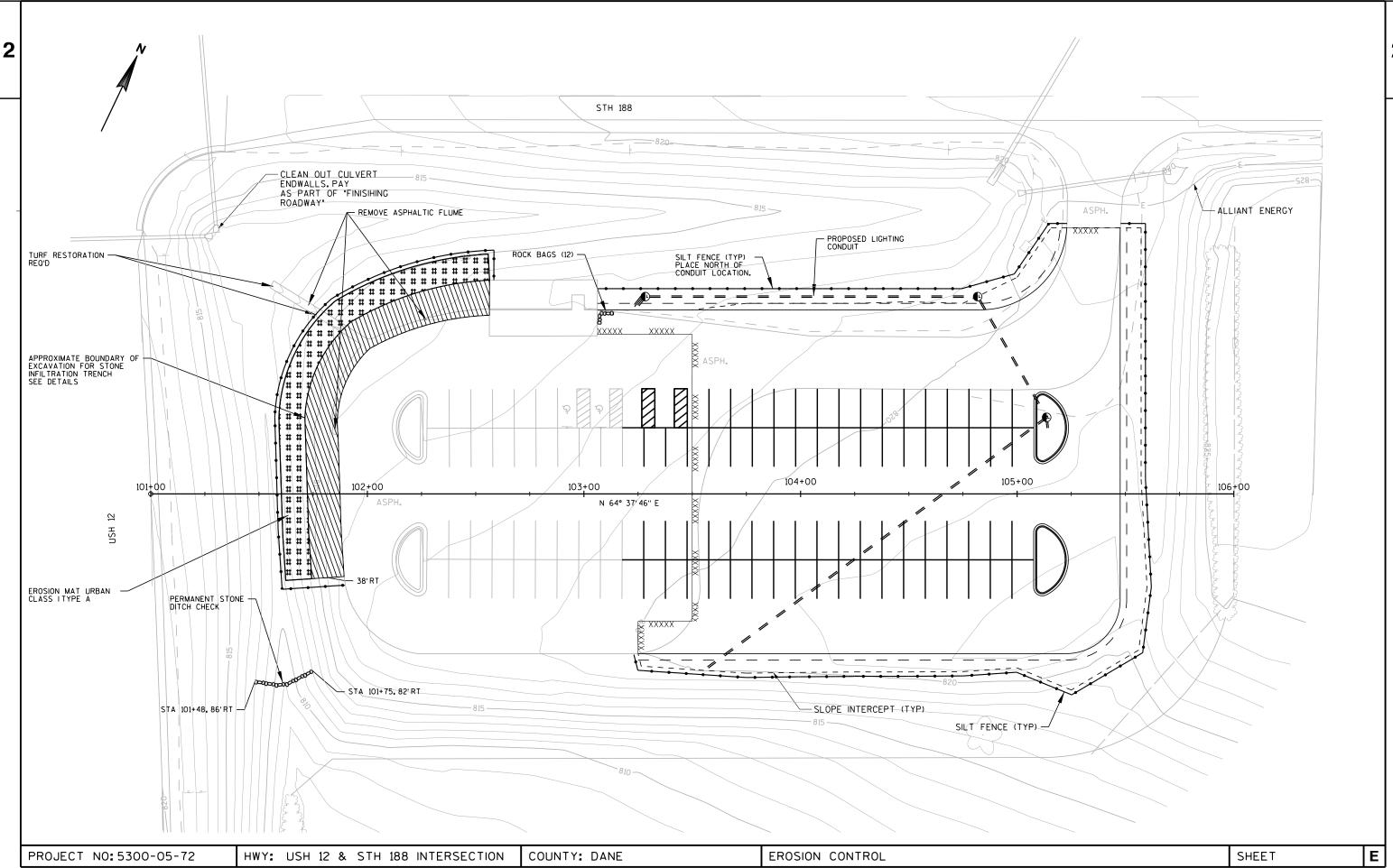
SHEET

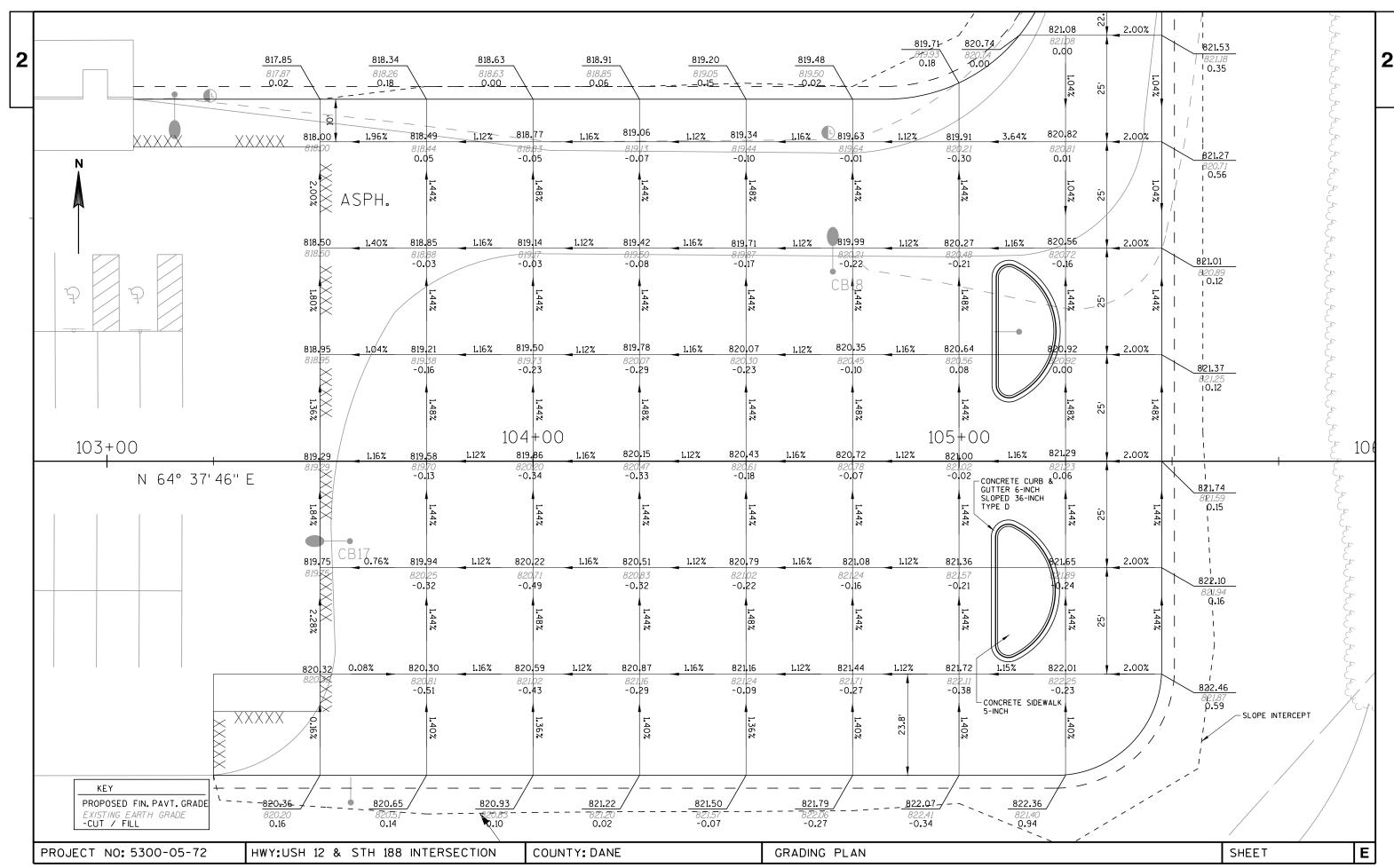
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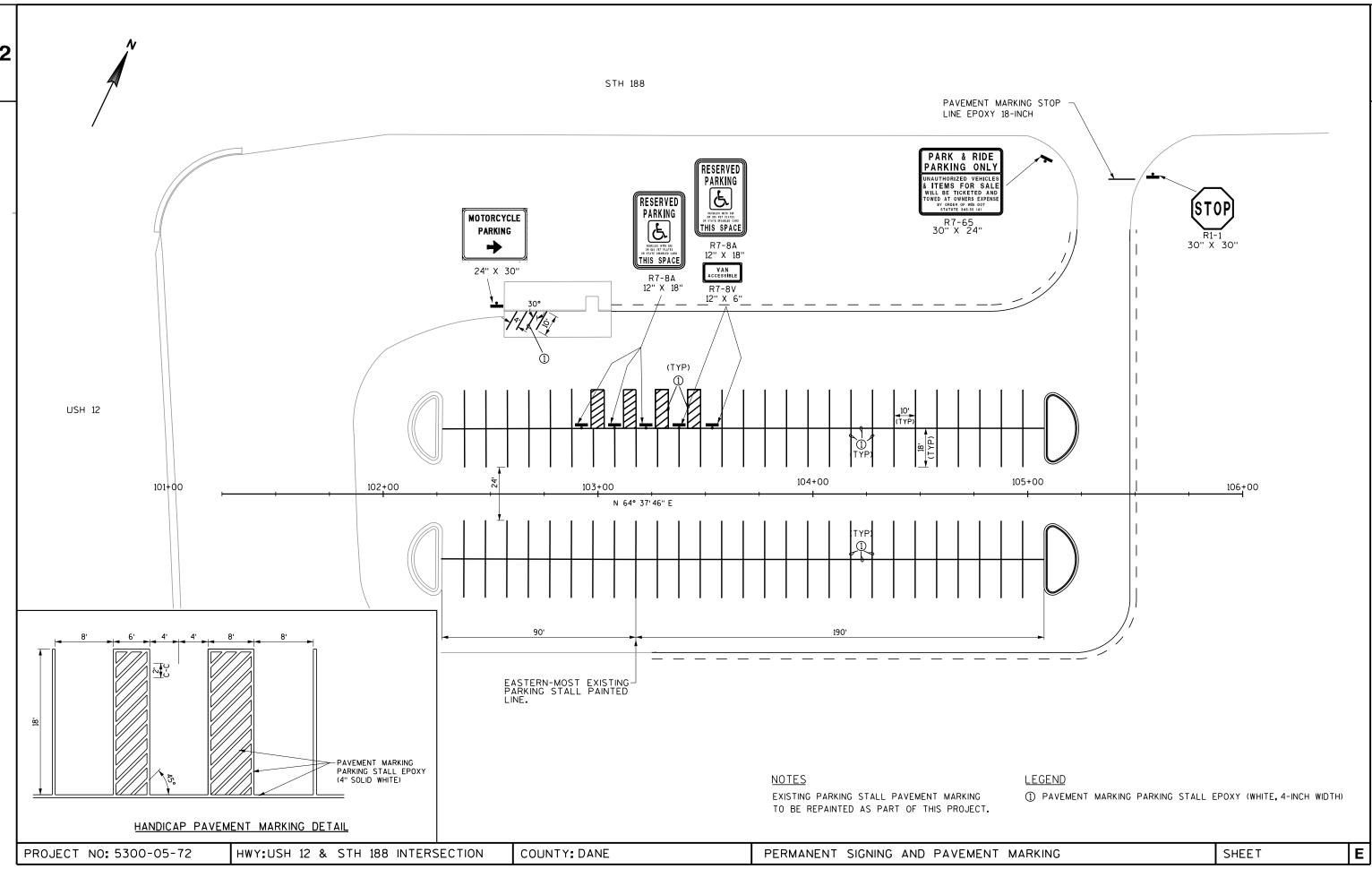
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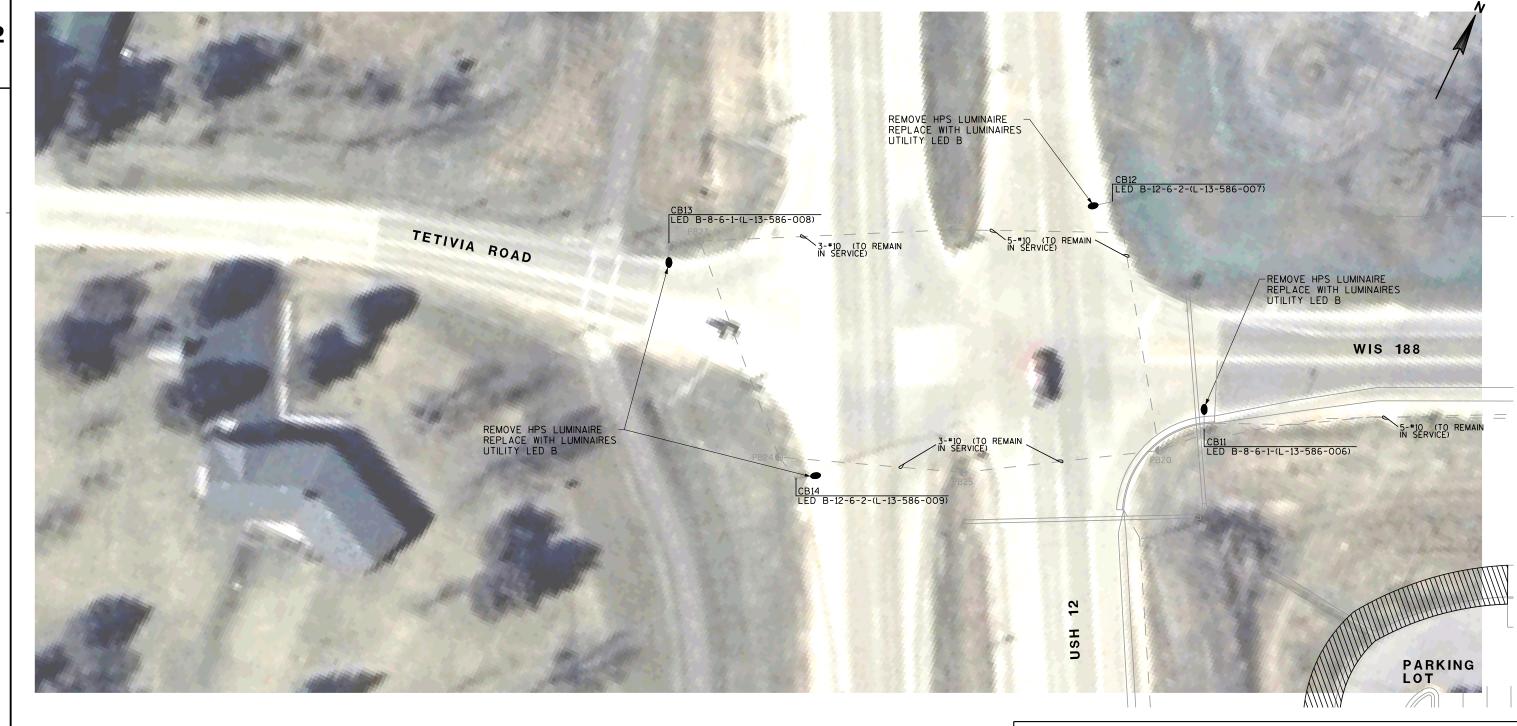
1/25/2016

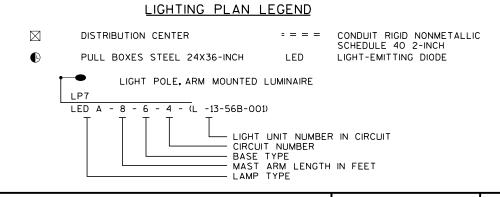










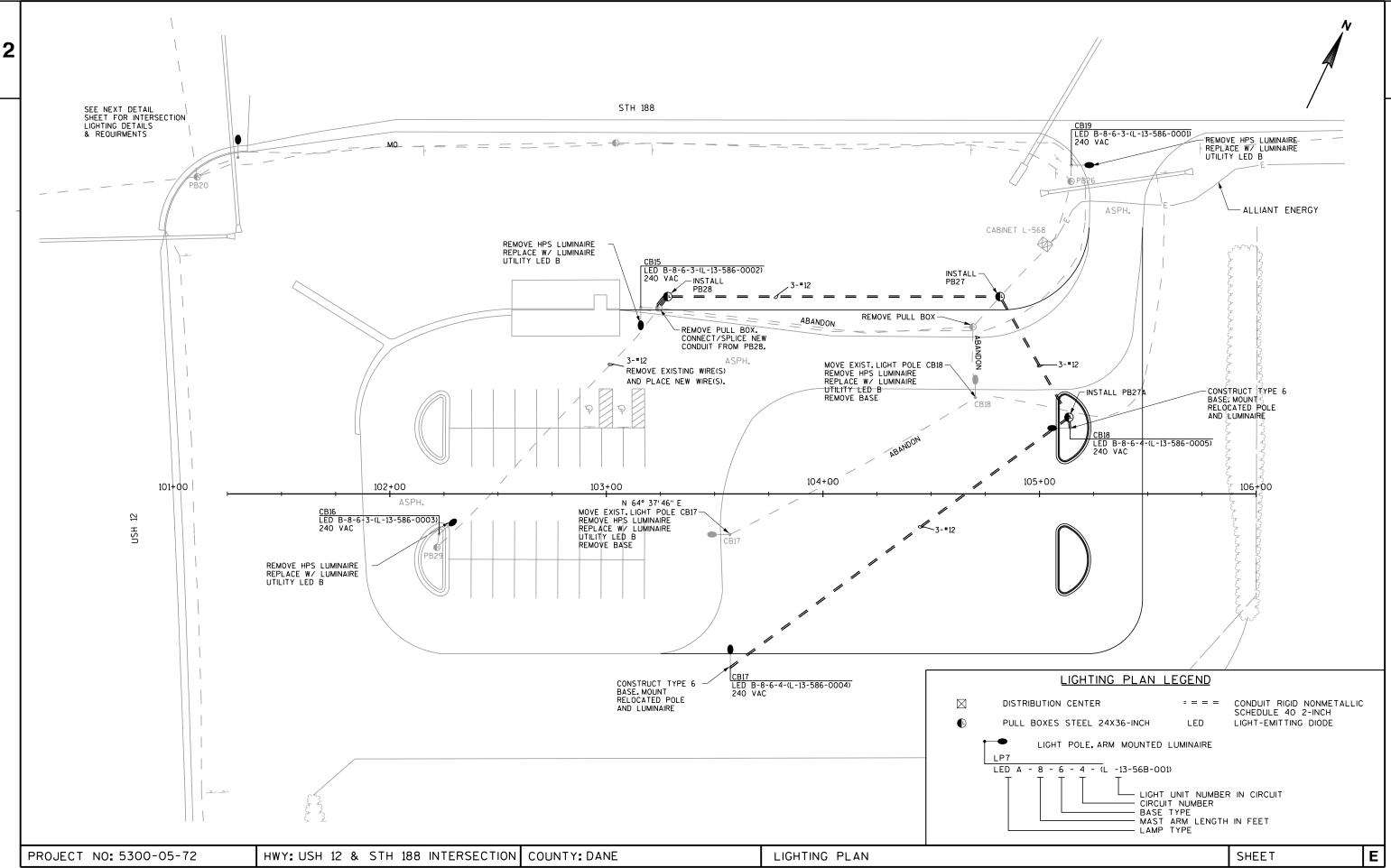


PROJECT NO: 5300-05-72

HWY: USH 12 & STH 188 INTERSECTION | COUNTY: DANE

LIGHTING PLAN

SHEET



DATE 11	MAY16	EST	IMAT	E O F Q U A N	
LI NE NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	5300-05-72 QUANTI TY
0010	204. 0110	Removing Asphaltic Surface	SY	16.000	16. 000
0020	204. 0195	Removing Concrete Bases	EACH	2.000	2.000
0030 0040	205. 0100 213. 0100	Excavation Common **P** Finishing Roadway (project) 01.	CY EACH	1, 549. 000 1. 000	1, 549. 000 1. 000
0040	213.0100	5300-05-72	LACII	1.000	1.000
0050	305. 0110	Base Aggregate Dense 3/4-Inch	TON	60. 000	60. 000
0060	305. 0120	Base Aggregate Dense 1 1/4-Inch	TON	1, 800. 000	1, 800. 000
0070	455. 0605	Tack Coat	GAL	190.000	190.000
0080 0090	460. 2000 460. 5223	Incentive Density HMA Pavement HMA Pavement 3 LT 58-28 S	DOL TON	540. 000 470. 000	540. 000 470. 000
0100	460. 5223	HMA Pavement 4 LT 58-28 S	TON	370. 000	370. 000
0110	601. 0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	160. 000	160. 000
0120	602. 0410	Concrete Sidewalk 5-Inch	SF SF	645. 000	645. 000
0130	602. 0505	Curb Ramp Detectable Warning Field Yellow	SF	8. 000	8. 000
0140	606. 0100	Riprap Light	CY	16.000	16. 000
0150	618. 0100	Maintenance And Repair of Haul Roads	EACH	1. 000	1. 000
		(proj ect) 01. 5300-05-72			
0160	619. 1000	Mobilization	EACH	1. 000	1. 000
0170	625. 0500	Sal vaged Topsoi I	SY	620. 000	620. 000
0180 0190	627. 0200 628. 1504	Mulching Silt Fence	SY LF	350. 000 950. 000	350. 000 950. 000
0200	628. 1520	Silt Fence Maintenance	LF	950. 000	950. 000
0210	420 100F	Mobilizations Fraction Control	EACH	2.000	2 000
0210 0220	628. 1905 628. 1910	Mobilizations Erosion Control Mobilizations Emergency Erosion Control	EACH EACH	2. 000 2. 000	2. 000 2. 000
0230	628. 2006	Erosion Mat Urban Class I Type A	SY	270. 000	270. 000
0240	628. 7570	Rock Bags	EACH	22.000	22. 000
0250	629. 0210	Fertilizer Type B	CWT	0. 400	0. 400
0260	630. 0130	Seeding Mixture No. 30	LB	11. 000	11. 000
0270	634. 0616	Posts Wood 4x6-Inch X 16-FT	EACH	3.000	3.000
0280	634. 0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	5. 000	5. 000
0290	637. 2210 638. 2602	Signs Type II Reflective H	SF EACH	23. 680 4. 000	23. 680 4. 000
0300		Removing Signs Type II		4.000	
0310	638. 3000	Removing Small Sign Supports	EACH	4.000	4. 000
0320	642. 5001 643. 0100	Field Office Type B Traffic Control (project) 01. 5300-05-72	EACH EACH	1. 000 1. 000	1. 000 1. 000
0330 0340	643. 0100	Traffic Control (project) 01. 5300-05-72 Traffic Control Covering Signs Type I	EACH	2. 000	2. 000
0350	643. 0920	Traffic Control Covering Signs Type II	EACH	2. 000	2. 000
0360	643. 1050	Traffic Control Signs PCMS	DAY	7. 000	7. 000
0370	645. 0111	Geotextile Type DF Schedule A	SY	320.000	320.000
0380	645. 0140	Geotextile Type SAS	SY	85.000	85. 000
0390 0400	647. 0566 647. 0656	Pavement Marking Stop Line Epoxy 18-Inch Pavement Marking Parking Stall Epoxy	LF LF	14. 000 2, 800. 000	14. 000 2, 800. 000
0410	650. 5500	Construction Staking Curb Gutter and	LF	160.000	160. 000
		Curb & Gutter			
0420	650. 8000	Construction Staking Resurfacing Reference **P**	LF	200.000	200. 000
0430	650. 9910	Construction Staking Supplemental Control (project) 01. 5300-05-72	LS	1. 000	1. 000
0440	652. 0225	Conduit Rigid Nonmetallic Schedule 40	LF	430.000	430. 000
0450	653. 0135	2-Inch Pull Boxes Steel 24x36-Inch	EACH	3.000	3. 000
0460	653. 0905	Removing Pull Boxes	EACH	4. 000	4. 000
0470	654. 0106	Concrete Bases Type 6	EACH	2. 000	2. 000
		~.			

DATE 11 LINE	MAY16	E	STIMATE	OF QUAN	T I T I E S 5300-05-72
NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	QUANTI TY
0480	655. 0610	Electrical Wire Lighting 12 AWG	LF	1, 800. 000	1, 800. 000
0490	659. 1120	Luminaires Utility LED B	EACH	9.000	9. 000
0500	690. 0150	Sawi ng Asphal t	LF	250. 000	250. 000
0510	690. 0250	Sawing Concrete	LF	20. 000	20. 000
0520	SPV. 0035	Special 01. Crushed Limestone 3-Inch	CY	190.000	190. 000
0530	SPV. 0060	Special 01. Removing Luminaires	EACH	9.000	9. 000
0540	SPV. 0060	Special 02. Relocating Light Poles	EACH	2.000	2.000
0550	SPV. 0090	Special 01. Removing Electrical Wires From Conduit	LF	500. 000	500. 000
0560	SPV. 0090	Special 02. Sealing Asphaltic Pavemen Cracks	t LF	700. 000	700. 000
0570	SPV. 0180	Special 01. Construction Staking Parking Lots Subgrade **P**	SY	3, 710. 000	3, 710. 000
0580	SPV. 0180	Special 02. Construction Staking Parking Lots Base **P**	SY	3, 710. 000	3, 710. 000

					204.0110 REMOVING ASPHALTIC			601.0557 CONCRETE CURB AND	
	ОТА	0	Τ.	LOCATION	SURFACE			GUTTER 6-INCH SLOPED 36-	
_	STA			LOCATION 85' LT (ASPH. FLUME REMOVAL)	SY 16		STA STA LOCATION	INCH TYPE D LF	
	101+3	io. II	01790.	65 LT (ASPH. FLOME REMOVAL)		•	105+08. 105+24. (LT) NORTH ISLAND		-
					16		105+08. 105+24. (ET) NORTH ISLAND		
3					204.0195 REMOVING CONCRETE	SPV.0060.01 REMOVING LUMINAIRES	100100. 100124. (IVI) 00011110EAND	160	•
					BASES			602.0410	602.0505
		S	TA	LOCATION	EACH	EACH		CONCRETE SIDEWALK 5-	CURB RAMP DETECTABLE WARNING
	CB 11			USH 12 / TETIVIA ROAD		1		INCH	FIELD YELLOW
	CB 12	<u>.</u>		USH 12 / TETIVIA ROAD		1	STA STA LOCATION	SF	SF
	CB 13	}		USH 12 / TETIVIA ROAD		1	102+95 - LT	25	8
	CB 14			USH 12 / TETIVIA ROAD		1	105+08. 105+24. (LT) NORTH ISLAND		-
	CB 16		02+23.			1	105+08. 105+24. (RT) SOUTH ISLAND	310	-
	CB 15	10	03+16.	86' LT		1		645	8
	CB 17	10	03+57.	19' RT	1	1			
	CB 18		04+70.		1	1		606.0100	
	CB 19	10	05+15.	DRIVEWAY ENTRANCE		1		RIPRAP LIGHT	
					2	9	STA STA LOCATION	CY	_
							101+48. 101+75. 84' RT	16	_
					205.0100 EXCAVATION COMMON			16	
	STA	S	TA	LOCATION	CY			619.1000	
	101+7	0. 10	02+60.	LT & RT	190			MOBILIZATION	
	103+5	0. 10	05+50.	LT & RT	1359		STA STA LOCATION	EACH	_
					1549		101+25. 106+00. 5300-05-72	1	_
					213.0100 FINISHING ROADWAY			1	
	STA	S	TA	LOCATION	EACH				
	101+2	25. 10	06+00.	5300-05-72	1				
					1	•			
					305.0110 BASE AGGREGATE DENSE	305.0120			
					3/4-INCH	BASE AGGREGATE DENSE 1 1/4-INCH			
	STA			LOCATION	TON	TON			
	101+8			EXISTING SHOULDERS	10				
	103+0			NEW SHOULDERS	50				
	103+0	16. 10	05+48.	LOT EXPANSION		1800			
					60	1800			
					455.0605	460.5223	460.5224		
					TACK COAT	HMA PAVEMENT 3 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S		
	STA	S	TA	LOCATION	GAL	TON	TON		
	400.0		05.40	NEW LOT DAY/ENENT	400	.=-			

103+06. 105+48. NEW LOT PAVEMENT

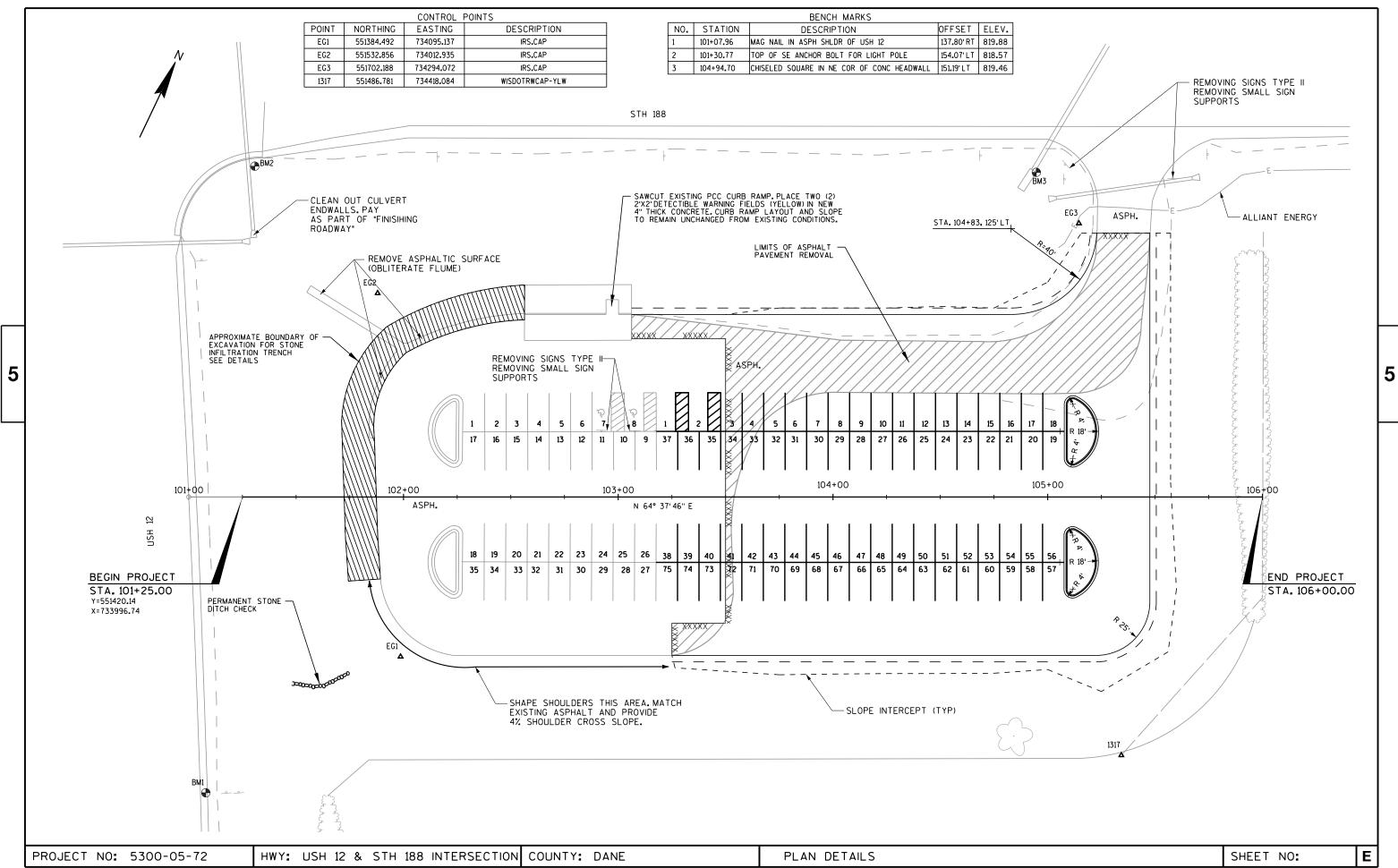
PROJECT NO: 5300-05-72 HWY: USH 12 – ST	H 188 COUNTY: DANE	MISCELLANEOUS QUANTITIES	SHEET: E
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STA	STA	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 A FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	
		NW CORNER OF LOT	270		270	0.17	5	
		SOUTH & EAST FORESLOPES	310	310	 -	0.20	6	
		NW CORNER OF LOT	40	40		0.03	1	
			620	350	270	0.40	11	
			628.1504	628.1520			637.2210	
0.7.4	0.7.4	LOGATION	SILT FENCE	SILT FENCE MAINTENANCE			SIGNS TYPE II REFLECTIVE	i .
		LOCATION	LF 200	LF			н	
		NW CORNER OF LOT	262	262 458	STA	LOCATION	SF	_
		SOUTHEAST LIMITS NORTH LIMITS	458 230		102+53.	88' LT	5.00	MOTORCYCLE PARKING
103+00.	100+23.	NORTH LIMITS		230	102+92.	31' LT	1.50	R7-8A
			950	950	103+08.	31' LT	1.50	R7-8A
			628.1905	628.1910	103+22.	31' LT	1.50	R7-8A
				MOBILIZATIONS EMERGENCY EROSION	103+38.	31' LT	1.50	R7-8A
			CONTROL	CONTROL	103+38.	31' LT	0.50	R7-8V
STA	STA	LOCATION	EACH	EACH	103+53.	31' LT	1.50	R7-8A
		5300-05-72	2	2	103+53.	31' LT 155' LT	0.50	R7-8V R7-65
101-20.	100 - 00.	0000 00 72	2	2	105+08. 105+58.	149' LT	5.00 5.18	R1-1
			2	-	103136.	148 L1	23.68	
			628.7570 ROCK BAGS				200 2000	222 222
STA	STA	LOCATION	EACH				638.2602	638.3000
	103+14.			_ (INCLUDES 10 EA - UNDISTRIBUTED)	0.74	LOCATION	REMOVING SIGNS TYPE II	REMOVING SMALL SIGN SUPPORTS
103+06.	103+14.	63 L1	22	(INCLUDES TO EA - UNDISTRIBUTED)	STA	LOCATION	EACH	EACH
			22		102+92.	31' LT	1	1
			634.0616		103+08.	31' LT	1	1
			POSTS WOOD 4X6-INCH X		105+08.	155' LT	1	1
			16-FT		105+58.	149' LT		
STA		LOCATION	EACH				4	4
102+53.		88' LT	1	_			642 4050	
105+08.		155' LT	1				643.1050	
105+58.		149' LT	1				TRAFFIC CONTROL SIGNS PCMS	
100 100.		110 21	3	-	STA STA	LOCATION	DAY	
			J			00. 5300-05-72	7.00	_
			634.0816		101.20. 1001.		7	_
			POSTS TUBULAR STEEL				,	
			2X2-INCH X 16-FT					
STA		LOCATION	EACH					
102+92.		31' LT	1	-				
103+08.		31' LT	1					
103+22.		31' LT	1					
103+38.		31' LT	1					
103+53.		31' LT	1	_				
			5		LOCAT 5300-05	ION	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH 2	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II DAY 2
PROJE						OUS QUANTITIES	2	SHEET:

		645.0111 GEOTEXTILE FABRIC TYPE	645.0140	SPV.0035.01				
		DF SCHEDULE A	GEOTEXTILE FABRIC TYPE SAS	CRUSHED LIMESTONE 3-INCH				
STA STA	LOCATION	SY	SY	CY				
	-56. INFILTRATION TRENCH	320.00		190				
	-75. STONE DITCH CHECK	-	85.00					
1011-40. 1011	70. OTONE BITOIT ONEOK	320	85	190				
				.55				
		647.0656	647.0566					
		PAVEMENT MARKING	PAVEMENT MARKING STOP LINE					
		PARKING STALL EPOXY	EPOXY 18-INCH WHITE					
STA STA	LOCATION	WHITE LF	LF					
102+28. 105+		1480						
102+28. 105+		1280						
102+26. 103+		40						
105+38. 105+			 14					
105+36. 105+	-32. 147 L1	2800	14					
		650.5500	650.8000	650.9910	SPV.0180.01	SPV.0180.02		
		CONSTRUCTION STAKING	CONSTRUCTION STAKING	CONSTRUCTION STAKING	CONSTRUCTION STAKING	CONSTRUCTION STAKING		
		CURB GUTTER AND CURB & GUTTER	RESURFACING REFERENCE	SUPPLEMENTAL CONTROL	PARKING LOTS SUBGRADE	PARKING LOTS BASE		
STA STA	LOCATION	LF	LF	LS	SY	SY		
105+08. 105+		80		-				
105+08. 105+		80		-		-		
103+50. 105+	-50. 5300-05-72		200	1	3710	3710		
		160	200	1	3710	3710		
		652.0225						
		CONDUIT RIGID						
		NONMETALLIC SCHEDULE						
		40 2-INCH						
STA STA	LOCATION	LF						
103+22. 103+	-28. LT	10						
103+24. 103+		5						
103+28. 104+		154						
103+58. 105+		195						
104+82. 105+		62						
105+14. 105+	-14. LT	4						
		430						
		653.0135						
		PULL BOXES STEEL 24X36-						
		INCH						
STA	LOCATION	EACH						
103+28.	91' LT	1						
104+82.	91' LT	1						
105+14.	35' LT	1						
		3						
		653.0905						
		REMOVING PULL BOXES						
STA	LOCATION	EACH						
103+23.	88' LT	3						
104+69.	77' LT	1						
		4						
								
): 5300-05-72	HWY: USH 12 – STH 188	COUNTY: DANE	LANGOELLANEO	US QUANTITIES		SHEET:	E

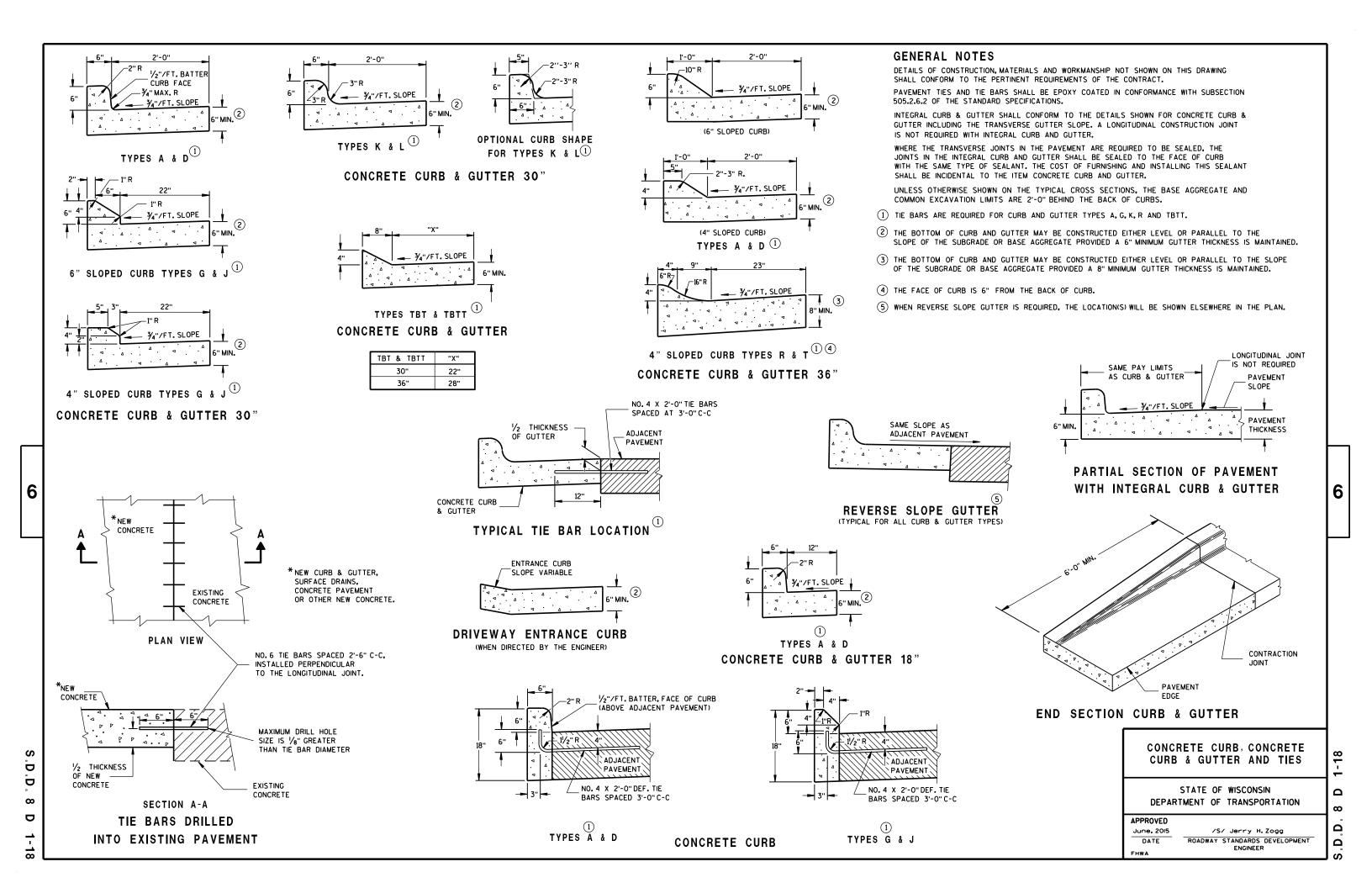
			654.0106 CONCRETE BASES TYPE 6
OT A		LOCATION	
STA		LOCATION	EACH
103+58.		80' LT	1
105+14.		30' LT	1
			2
			655.0610
			ELECTRICAL WIRE
FROM	TO		LIGHTING 12 AWG
BASE	BASE	LOCATION	LF
PB 29	PB 28	LT	495
CB 15	PB 28	LT	45
PB 28	PB 27	LT	462
CB 17	CB 18	RT & LT	585
PB 27	PB 27A	LT	186
PB 27A	CB 18	LT	27
			1800
			659.1120
			LUMINAIRES UTILITY LED B
	STA	LOCATION	EACH
CB 11		USH 12 / TETIVIA ROAD	1
CB 12		USH 12 / TETIVIA ROAD	1
CB 13		USH 12 / TETIVIA ROAD	1
CB 14		USH 12 / TETIVIA ROAD	1
CB 16	102+23.	19' RT	1
CB 15	103+16.	86' LT	1
CB 17	103+57.	80' RT	1
CB 18	105+14.	30' LT	1
CB 19	105+15.	PARK AND RIDE ENTRANCE	1
			9

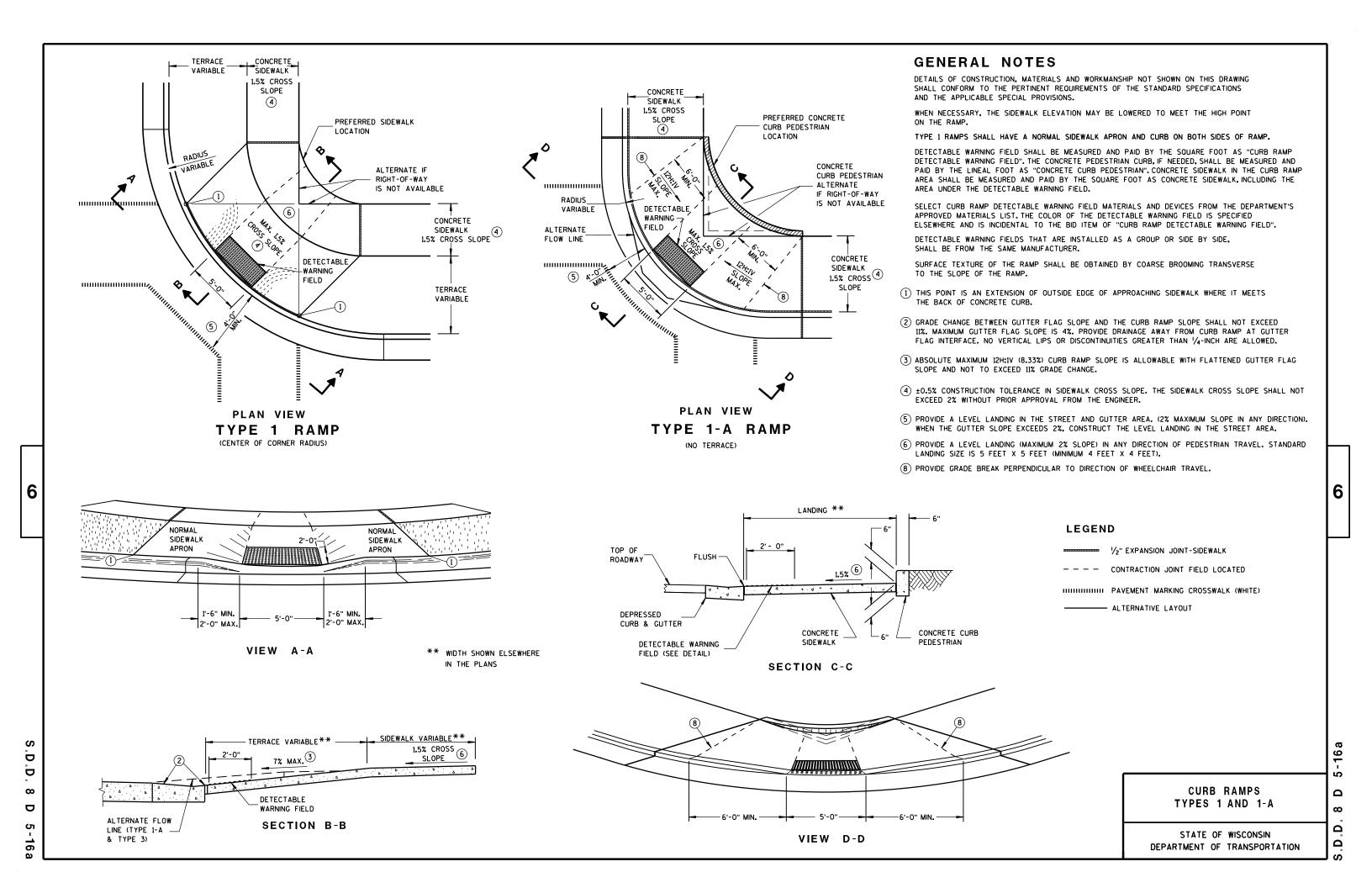
			690.0150	690.025
			SAWING ASPHALT	SAWING CONCRETE
STA	STA	LOCATION	LF	LF
102+95	-	LT	-	20
103+06.	103+50.	LT/RT	225	-
105+23.	105+48.	LT	25	-
			250	20
			SPV.0060.02	
			RELOCATING LIGHT POLES	
	STA	LOCATION	EACH	
CB 17	103+57.	80' RT	1	
CB 18	105+14.	30' LT	1	
			2	
			SPV.0090.01	
			REMOVING ELECTRICAL	
			WIRES FROM CONDUIT	
STA	STA	LOCATION	LF	
102+21.	103+28.	LT/RT	500	
			500	
			SPV.0090.02	
			SEALING ASPHALTIC	
			PAVEMENT CRACKS	
STA	STA	LOCATION	LF	
101+25.	106+00.	5300-05-72	700	
			700	

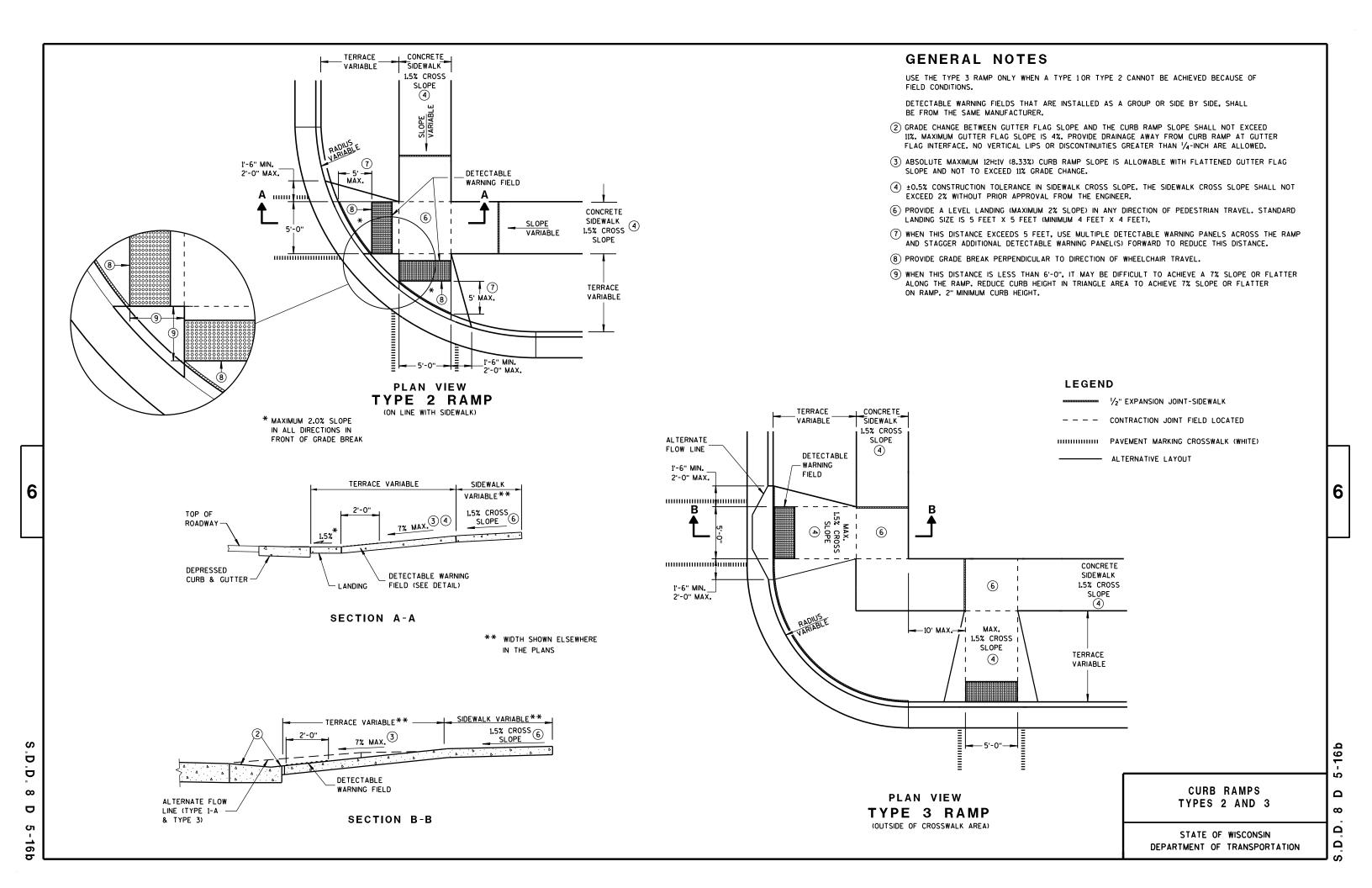


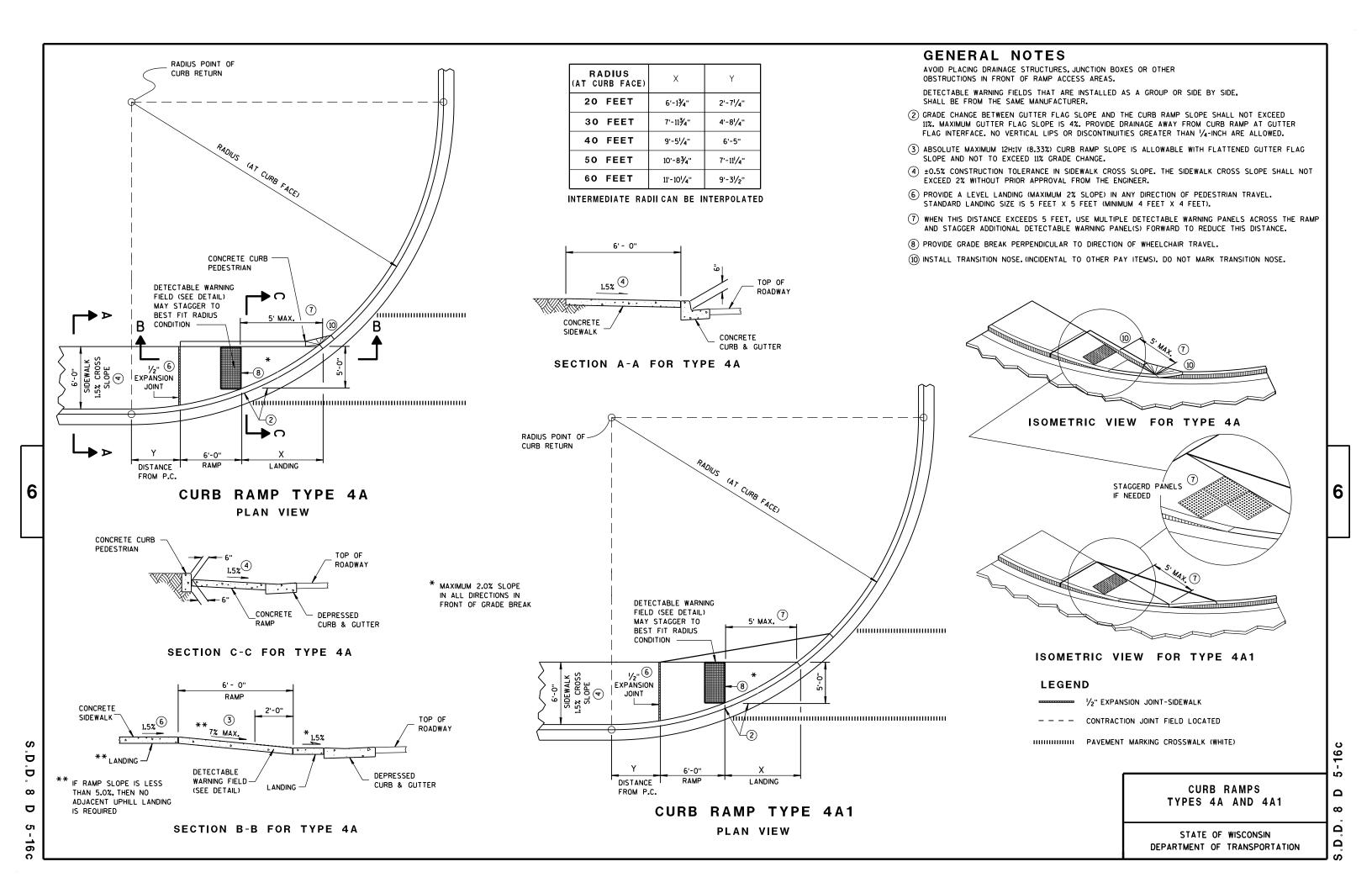
Standard Detail Drawing List

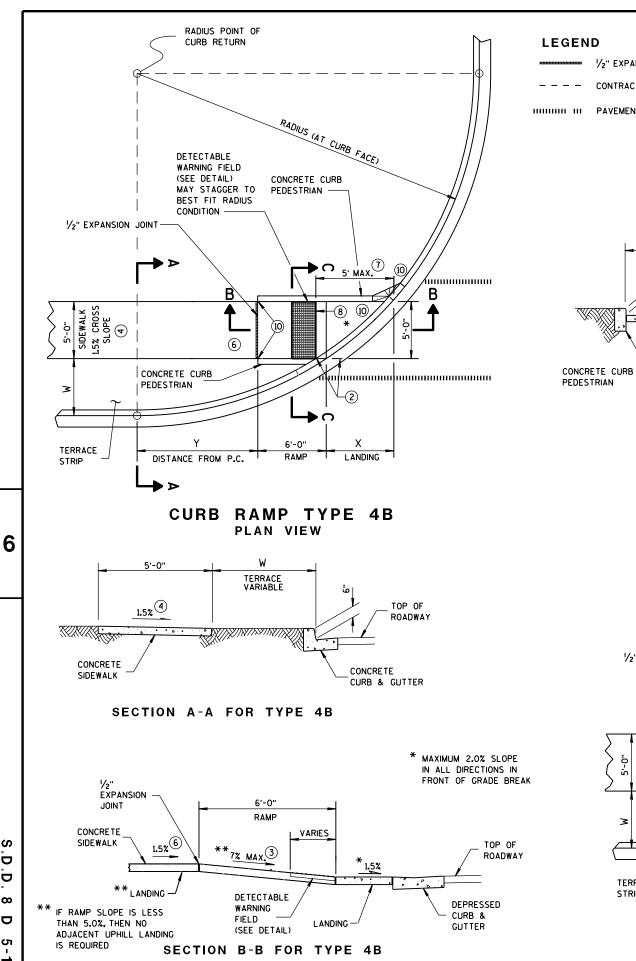
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D05-16A	CURB RAMPS TYPES 1 AND 1-A
08D05-16B	CURB RAMPS TYPES 2 AND 3
08D05-16C	CURB RAMPS TYPES 4A AND 4A1
08D05-16D	CURB RAMPS TYPE 4B AND 4B1
08D05-16E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E09-06	SILT FENCE
09B02-09	CONDUI T
09B04-11	PULL BOX
09C02-07	CONCRETE BASES, TYPES 1, 2, 5, & 6
09E01-14E	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 6 (35 FEET)
09E01-14G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-05	NON-FREEWAY LIGHTING UNIT POLE WIRING
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D27-02	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH











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W = 5' - 0" 7' - Ø" 3' - Ø" W = 4' - Ø" W = 6' - 0"RADIUS LEGEND AT CURB FACE ■ ½" EXPANSION JOINT-SIDEWALK 20 FEET 4'-81/2" 3'-7" 3'-11/2" 4'-61/2" 4'-1" 7'-23/4" 8'-31/2" 9'-21/2" 5'-51/2" 6'-0" CONTRACTION JOINT FIELD LOCATED 30 FEET 6'-51/2" 5'-91/4" 5'-21/2" 4'-8¾" 7'-31/4' 8'-11'/2" 10'-7" 12'-0" 13'-31/4" HIHHHH HI PAVEMENT MARKING CROSSWALK (WHITE) 40 FEET 8'-91/2" 9'-21/2" 11'-5'/4" 13'-41/2" 15'-3/4" 16'-71/4" 50 FEET 7'-61/2" 6'-11¾" 19'-6'/4" 11'-3/4" 15'-91/2"

10'-¾"

GENERAL NOTES

12'-8¾"

11'-2'/2"

60 FEET

TOP OF

ROADWAY

TERRACE STRIP

VARIES O TO W

CONCRETE

CURB & GUTTER

5'-0" RAMP

VARIES

0 TO 6"

1.5%

SECTION C-C FOR TYPE 4B

INTERMEDIATE RADII CAN BE INTERPOLATED

7'-101/2"

22'-11/2"

20'-1¾"

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.

17'-113⁄4"

8'-5¾"

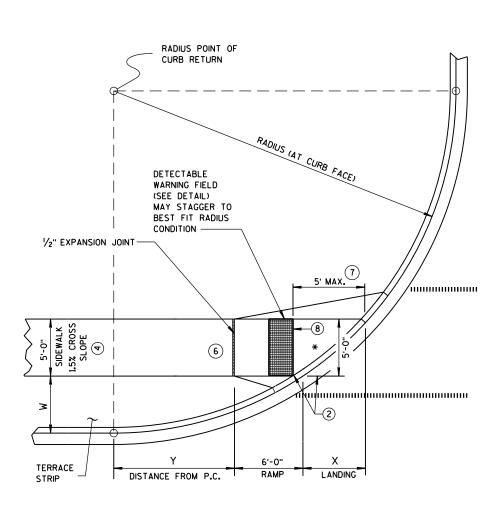
(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED.

9'-21/4"

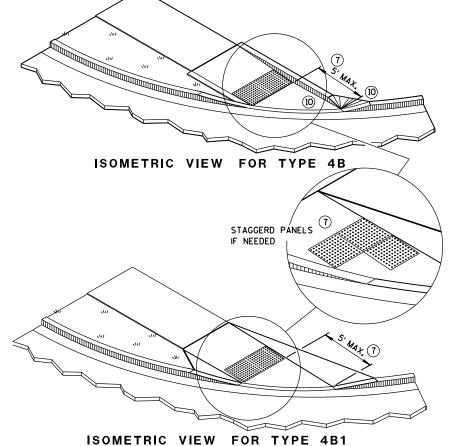
- (3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- 4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE, THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 6 PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET (MINIMUM 4 FEET X 4 FEET).

15'-61/2"

- (7) WHEN THIS DISTANCE EXCEEDS 5 FEET, USE MULTIPLE DETECTABLE WARNING PANELS ACROSS THE RAMP AND STAGGER ADDITIONAL DETECTABLE WARNING PANEL(S) FORWARD TO REDUCE THIS DISTANCE.
- (8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- (I) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



CURB RAMP TYPE 4B1 PLAN VIEW

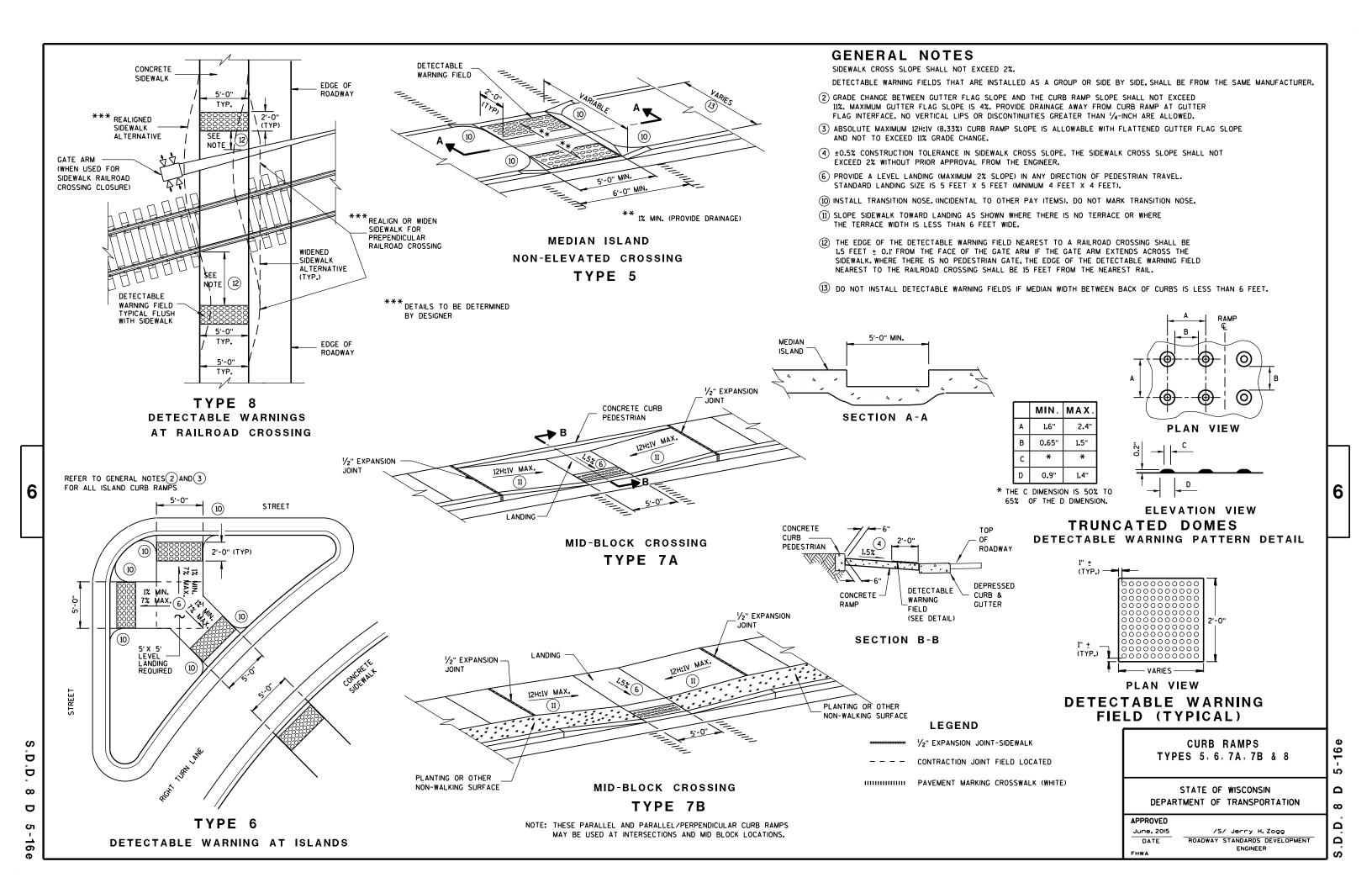


CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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TYPICAL APPLICATION OF SILT FENCE

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PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



GENERAL NOTES

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

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



TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

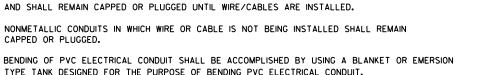
APPROVED
4-29-05 /S/ Beth Cannestra

29-05 /S/ Beth Cannestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER

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TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

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

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

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM

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

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

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION

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

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES

SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

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

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

GENERAL NOTES

AND 36 INCHES MAXIMUM.

OF THE ENGINEER.

CAPPED OR PLUGGED.

MINIMUM AND 36 INCHES MAXIMUM.

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

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

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

BOTTOM OF ¼" HOLE PVC CONDUIT-CONDUIT TRENCH FOR DRAINAGE NO. 2 COARSE AGGREGATE FILL —1'-0" DIA. OR SQUARE —>

NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

BOTTOM OF

CONDUIT TRENCH

NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT

1'-0" DIA. OR SQUARE ──➤

METALLIC CONDUIT-

1" DIA. X 6"

NIPPLE

NO. 2 COARSE

AGGREGATE FILL

ARROW MARK SHALL BE INSCRIBED IN PAVEMENT SURFACE 1/4" TO 3/8"

DEEP AT EACH LOCATION WHERE CONDUITS ARE PLACED UNDER

PLAN VIEW

ARROW MARK

CONDUIT

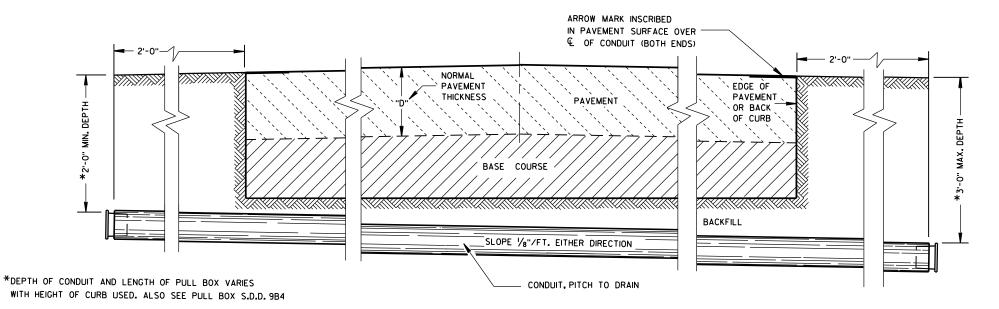
THE PAVEMENT

EDGE OF

PAVEMENT OR BACK

OF CURB

DRAIN SUMP FOR PVC CONDUIT



SIDE ELEVATION DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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APPROVED /S/ Ahmet Demirbilek June. 2015 DATE STATE ELECTRICAL ENGINEER

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FHWA

DIMENSION IN INCHES				COF	RRUGAT	ED ST	EEL P	IPE		
PIPE DIAMETER (INSIDE)	Α	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	В	24	30	36	24	30	36	36	42	48
WALL THICKNESS	С	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4
FRAME	Ε	14 1/2	14 1/2	14 1/2	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 ½	14 1/2	20 ½	20 ½	20 ½
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 ½	23 ½	23 ½
WEIGHT IN POUNDS *										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

- * THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.
- NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

6" MAX. **EXTENSION** TOP OF ORIGINAL CORRUGATED PIPE (3) BOLTS, NUTS & LOCKWASHERS REQUIRED

ELECTRIC

FINAL GRADE

ALL METALLIC CONDUIT

AND THREADED

CUT OPENINGS

THE FIELD

2" PVC PIPE CAP ON BOTH ENDS

WITH 7, 8 1/4" HOLES DRILLED

IN EACH END.

PULL BOX

AS REQUIRED IN

ENDS SHALL BE REAMED

ALL CONDUIT PITCHED

4 TO 8 BRICKS

EQUALLY SPACED

TO DRAIN TO PULL BOXES

2" DRAIN DUCT TO

DITCH OR SEWER

WHEN SPECIFIED

CORRUGATED PIPE EXTENDER

HEAVY DUTY FRAME -

6" MIN.

(TYP.)

AND COVER

WHEN A PULL BOX IS INSTALLED IN CRUSHED

AGGREGATE SHOULDERS, PLACE IT 2-3

2-3 INCHES OF CRUSHED AGGREGATE

NO. 2 COARSE

(SEE SECTION 501

OF THE STANDARD

WIRE AND/OR CABLE.

INSTALL END BELLS (U.L. LISTED FOR

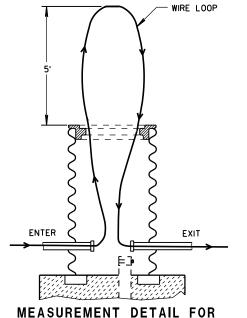
CONDUIT BEFORE INSTALLATION OF

ELECTRICAL USE) ON ALL NONMETALLIC

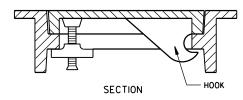
SPECIFICATIONS)

AGGREGATE

INCHES BELOW GRADE AND COVER IT WITH

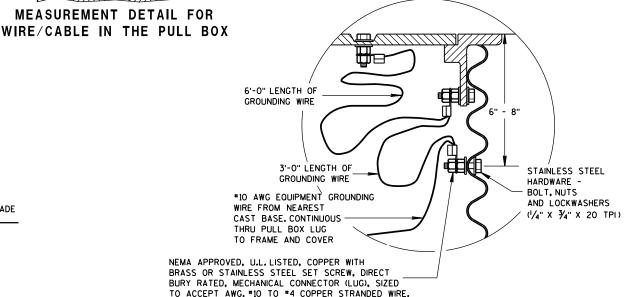


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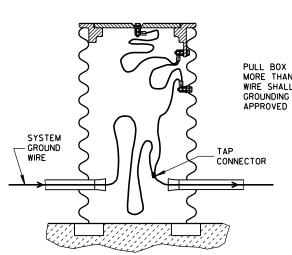


ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

PULL BOX

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

Sept. 2014 /S/ Ahmet Demirbilek DATE STATE ELECTRICAL ENGINEER FHWA

GENERAL NOTES

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

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED. SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

TRAFFIC LOADS.

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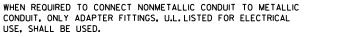
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IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL. THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE.
BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1FOOT OR LESS. A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL

BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE

(GROUND ROD) FOR TYPE 1. TYPE 2. TYPE 5. AND TYPE 6 BASES.

GENERAL NOTES (CONTINUED)

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE

OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A LINCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD, ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED. THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

- 1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.
- (2) (4) 1" DIA. X 3'-6" ANCHOR RODS.
- (3) (4) 1" DIA. X 5'-0" ANCHOR RODS.
- (4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.
- (5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.
- (6) (4) 1" DIA. X 3'-6" ANCHOR RODS.
- (7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT.
- (8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

GENERAL NOTES

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

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

FORMING DETAIL

1'-8"

a)

- FORM

FORMING SHALL BE

CONCRETE HAS SET

REMOVED AFTER

FORM DEPTH SHALL BE

GRADE ON THE LOWER

SIDE OF BASE

4" MAX.

CONDUIT WITHIN

6" DIA.

ANCHOR RODS SHALL BE

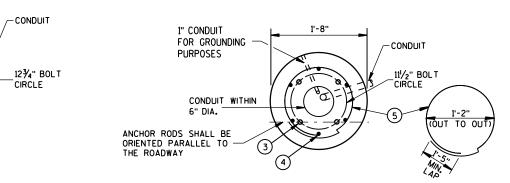
ORIENTED PARALLEL TO

1" CHAMFER ALL AROUND

FORM ALL EXPOSED

CONCRETE, PROVIDE

NO MORE THAN 6" BELOW



QUANTITY

REQUIREMENTS

ARDS OF CONCRETE

APPROX. CUBIC

LBS. OF HOOP

LBS. OF VERTICAL

BAR STEEL

BAR STEEL

CONCRETE BASE TYPE

0.57

23

60

0.40

NONE

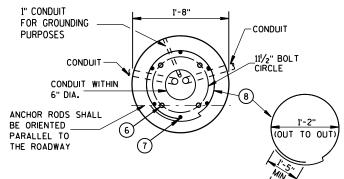
NONE

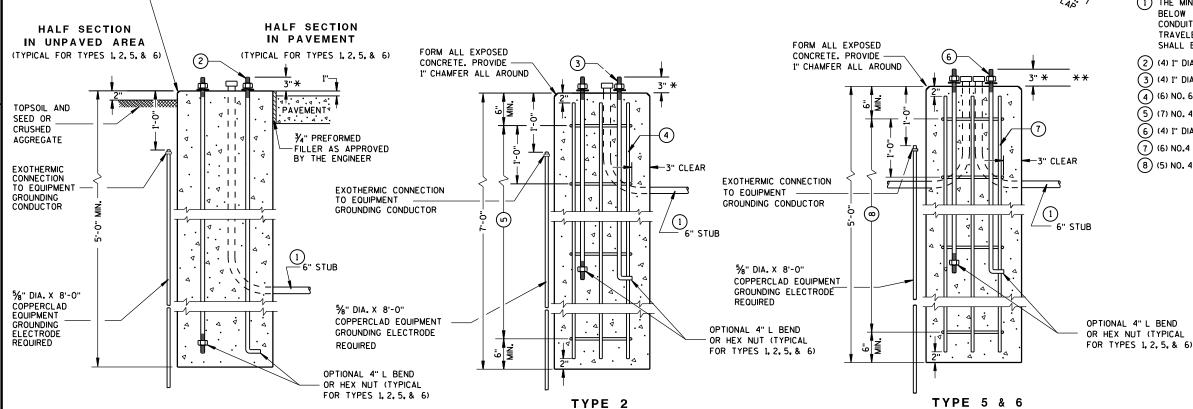
5 & 6

0.40

16

18





CONCRETE BASES

* ANY ANCHOR ROD PROJECTION SHORTER THAN 2¾" OR LONGER THAN 31/4" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

** FOR NONBREAKAWAY INSTALLATIONS, 41/2" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES, TYPES 1, 2, 5, & 6

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED Sept. 2014 /S/ Ahmet Demirbilek STATE ELECTRICAL ENGINEER

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GENERAL NOTES

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

ALL TYPE 6 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE EITHER GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE

TYPE 6 ALUMINUM POLES, SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE TYPE 6 ALUMINUM POLES SHALL HAVE MINIMUM WALL THICKNESS OF 0.219".

TYPE 6 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL $2\frac{3}{8}$ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

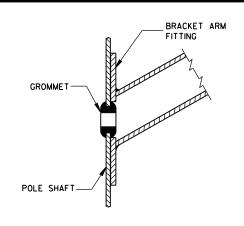
WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

- 1 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) 1/4" X 3/4" 20 TPI HEX HEAD STAINLESS STEEL BOLTS.
- 2) GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 13/8" HOLE IN POLE SHAFT FOR WIRING.
- (3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED,
- 4 FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.
- 5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.
- (6) INTERNAL DUMBBELL-TYPE VIBRATION DAMPER.

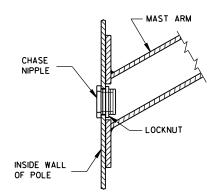
POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 6 (35 FEET)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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TYPICAL APPLICATION OF **GROMMET IN POLE SHAFT**



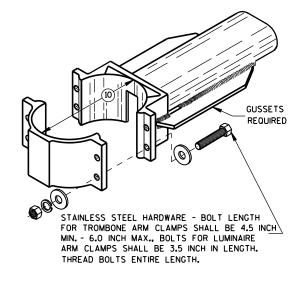
TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

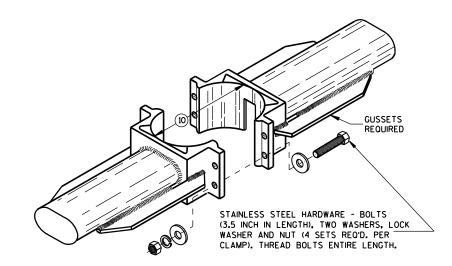
CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

- (10) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.
- INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)
- (12) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.
- (13) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

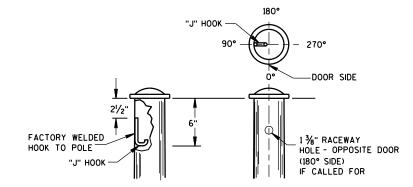
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



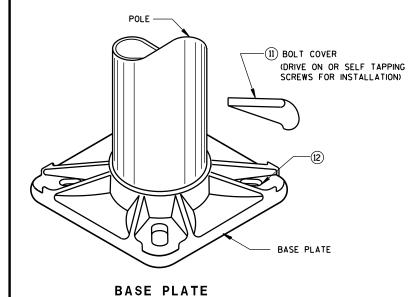
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP

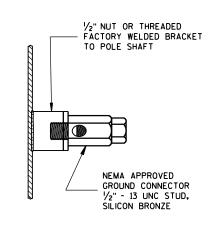


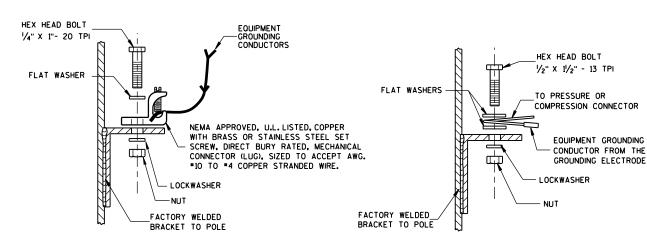
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS



TYPICAL "J" HOOK LOCATION







TYPICAL GROUNDING CONNECTIONS NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTINGS

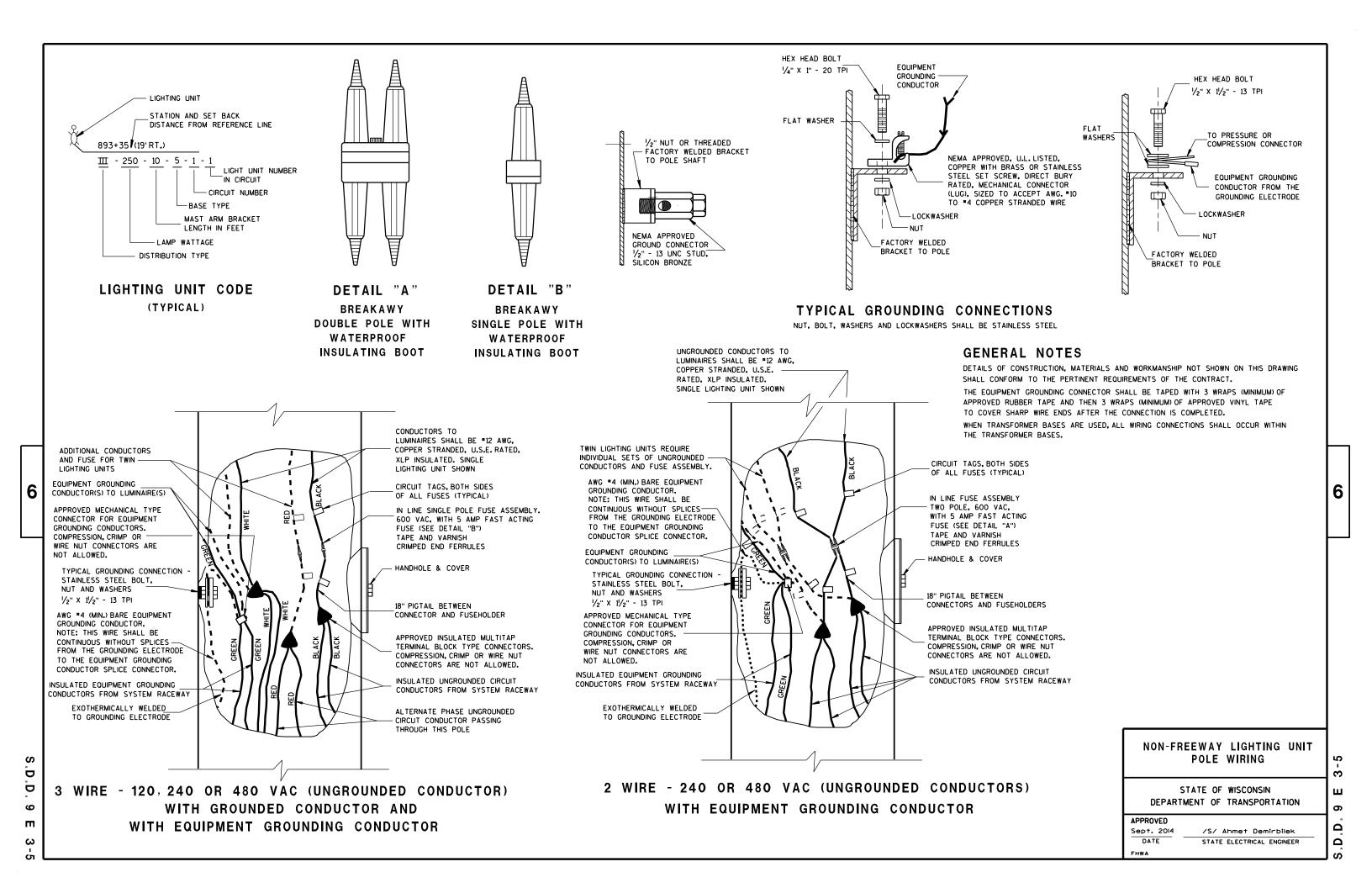
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

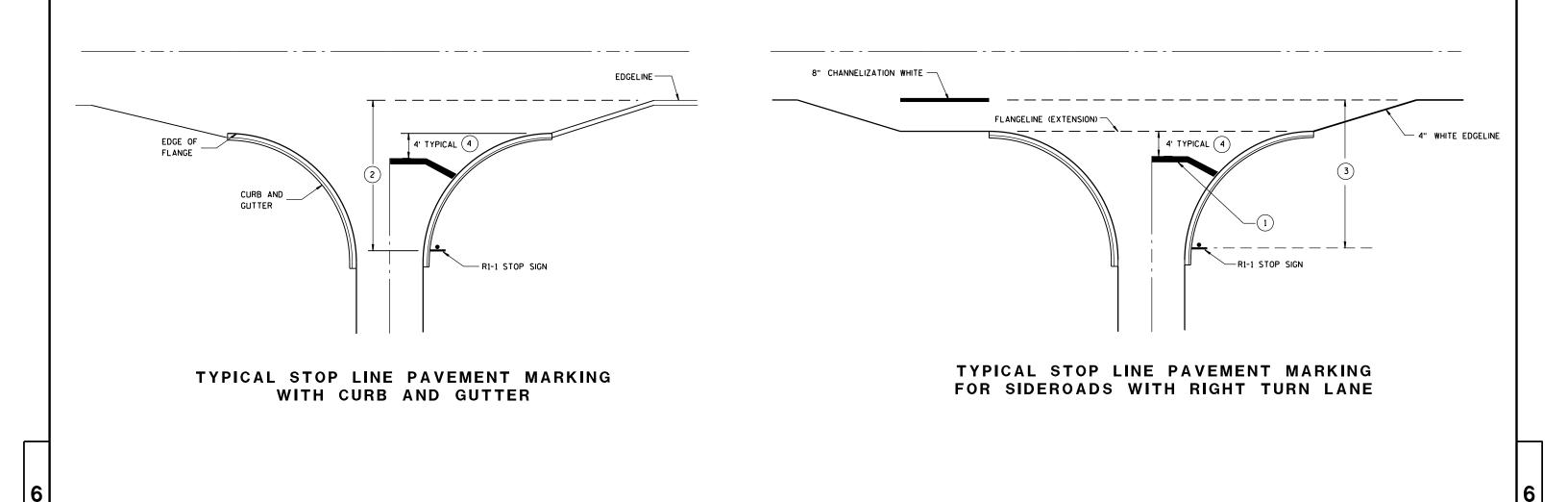
APPROVED	
Feb. 2015	/S/ Ahmet Demirbilek
DATE	STATE ELECTRICAL ENGINEER
FHWA	

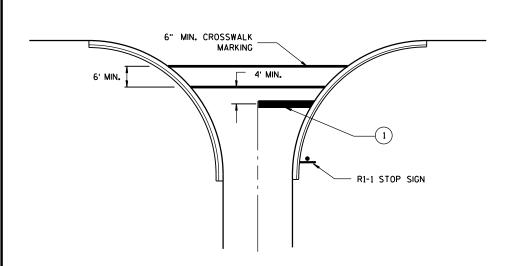
D D 9 Ш

6

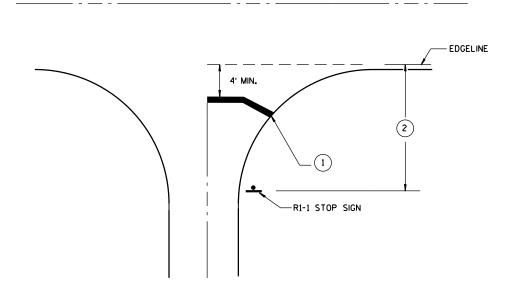
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TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
- (3) IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

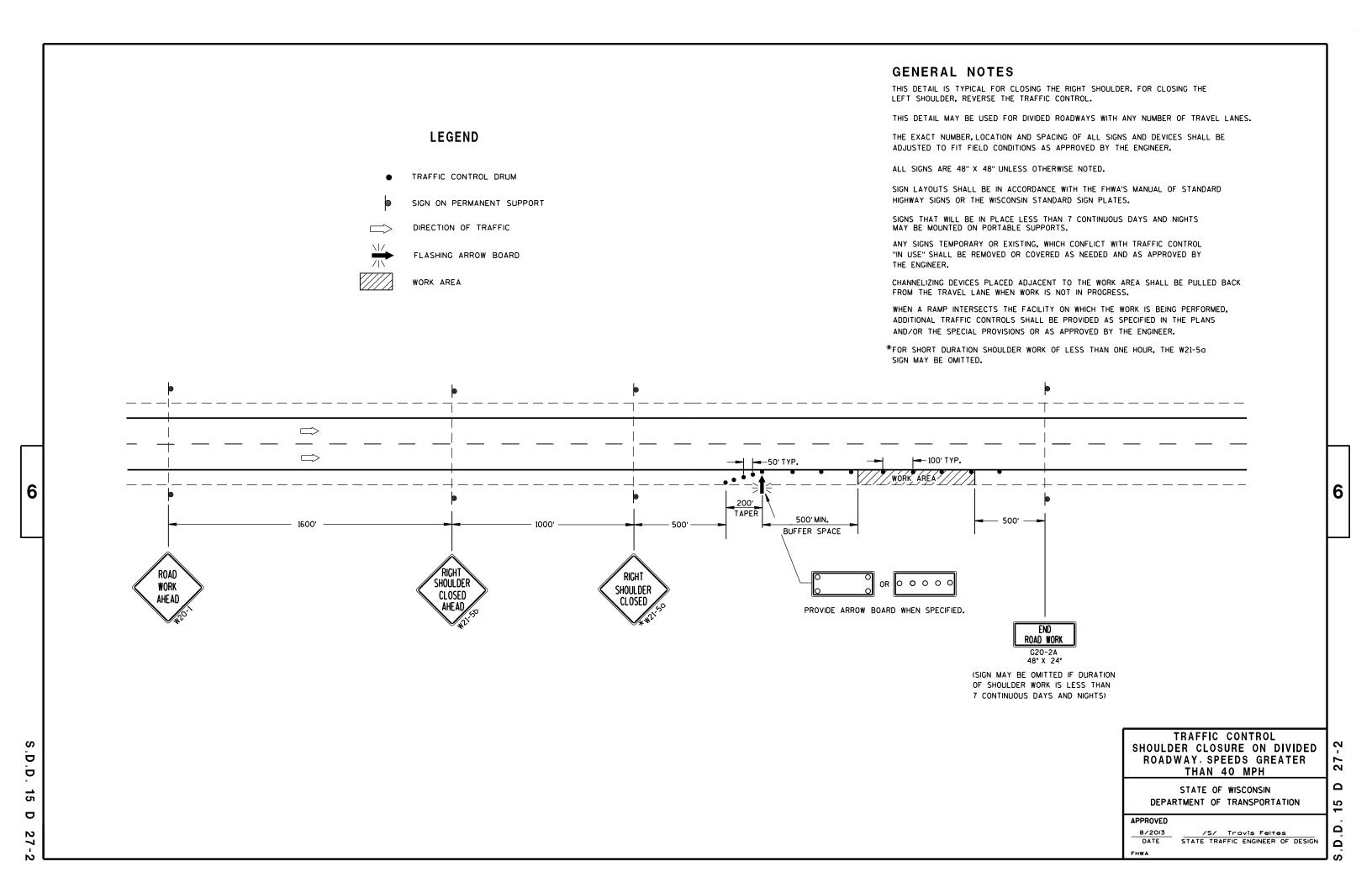
STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

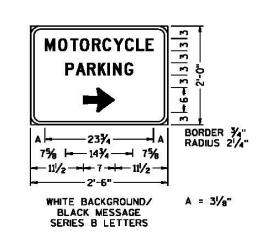
APPROVED	
4/30/2013	/S/ Travis Feltes
DATE	STATE TRAFFIC ENGINEER
FHWA	

.D.D. 15 C 33-1

S.D.D.



- 2. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET ARE "SIGNS, TYPE II".
- 3. UNLESS OTHERWISE NOTED, TYPE II SIGNS ON THIS SHEET SHALL HAVE "TYPE H REFLECTIVE SHEETING" AND, "TYPE H MESSAGE MATERIAL".
- 4. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET SHALL HAVE A GREEN BACKGROUND AND WHITE MESSAGE.
- 5. ALL UPPER CASE MESSAGE (EXCEPT ON SHIELDS OR WHERE OTHERWISE NOTED) SHALL BE "SERIES E, MODIFIED". ALL LOWERCASE MESSAGE WITH AN INITIAL UPPERCASE LETTER SHALL BE "SERIES E, MODIFIED".
- 6. UNLESS OTHERWISE NOTED, ALL SIGNS SHOWN ON THIS SHEET SHALL HAVE "TYPE A" OR "TYPE C" ARROWS AS SHOWN. SEE THE STANDARD SIGN PLATES FOR FURTHER DETAILS.
- 7. SEE THE STANDARD SIGN PLATES FOR FURTHER DETAILS ON ROUTE MARKER SHIELDS.
- 8. DO NOT SCALE.

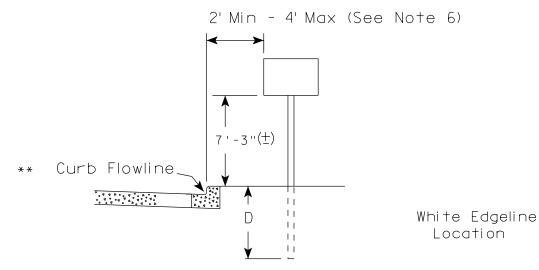


SHEET 1 OF 1

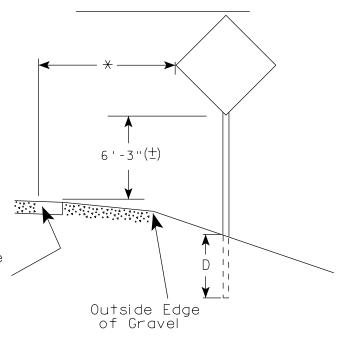
PROJECT NO: 5300-05-72 HWY: USH 12 & STH 188 INTERSECTION COUNTY: DANE SIGNING DETAIL - TYPE II SIGNS SCALE: SCALE: SHEET SHEET

\$FILE\$ NISDOT/CADDS SHEET 47

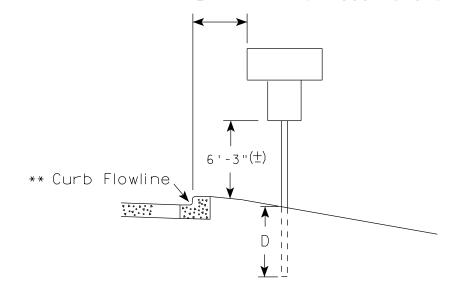
URBAN ARFA



RURAL AREA (See Note 2)



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



5'-3"(生) D^{-1} Outside Edae of Gravel

White Edgeline Location

** 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.

HWY:

* 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.

PLOT BY : mscj9h

GENERAL NOTES

- 1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on barrier wall, see A4-10 sign plate.
- 3. For expressways and freeways, mounting height is $7'-3''(\pm)$ or 6'-3" (±) depending upon existence of a sub-sign.
- 4. Minimum mounting height for J assemblies (A2-1S) is $7'-3''(\pm)$ or $6'-3''(\pm)$ per urban or rural detail respectively.
- 5. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (\pm).
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. The (+) tolerance for mounting height is 3 inches.
- 8. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.
- 9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (\pm) . 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'' (\pm).

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

for State Traffic Engineer

DATE 7/23/15

PLATE NO. <u>A4-3.20</u>

PROJECT NO: FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.DGN COUNTY:

PLOT DATE: 23-JUL-2015 15:21

PLOT NAME :

WISDOT/CADDS SHEET 42

PLOT SCALE: 99.237937:1.000000



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

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



ELEVATION VIEW

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



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

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

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

WISDOT/CADDS SHEET 42

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. Minimum mounting height for J assemblies (A2-1S) is 7'-3'' (±) or 6'-3'' (±) per urban or rural detail respectively.
- 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.

URBAN AREA RURAL AREA (See Note 3) 2'Min - 4'Max (See Note 6) ₩E# FF# 6'-3"(±) 6'-3"(±) 7'-3"(±) ** Curb ********\ Flowline D **7000** White Edgeline D 11 White Edgeline, Location Outside Edae Location

2' Min - 4' Max (See Note 6) 6'-3"(±) Curb Flowline. - 11

48" DIAMOND WARNING SIGN

HWY:

_ 26" 5 ' - 3 "(±) White Edgeline Location Outside Edge of Gravel 48" DIAMOND WARNING SIGN

COUNTY:

Outside Edge

of Gravel

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

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

SIGN SHAPE OTHER THAN (FOUR POSTS REQUIRE	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

of Gravel

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

Matther

SHEET NO:

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

PROJECT NO:

PLOT DATE: 23-JUL-2015 15:23

PLOT SCALE: 107.021305:1.000000

WISDOT/CADDS SHEET 42

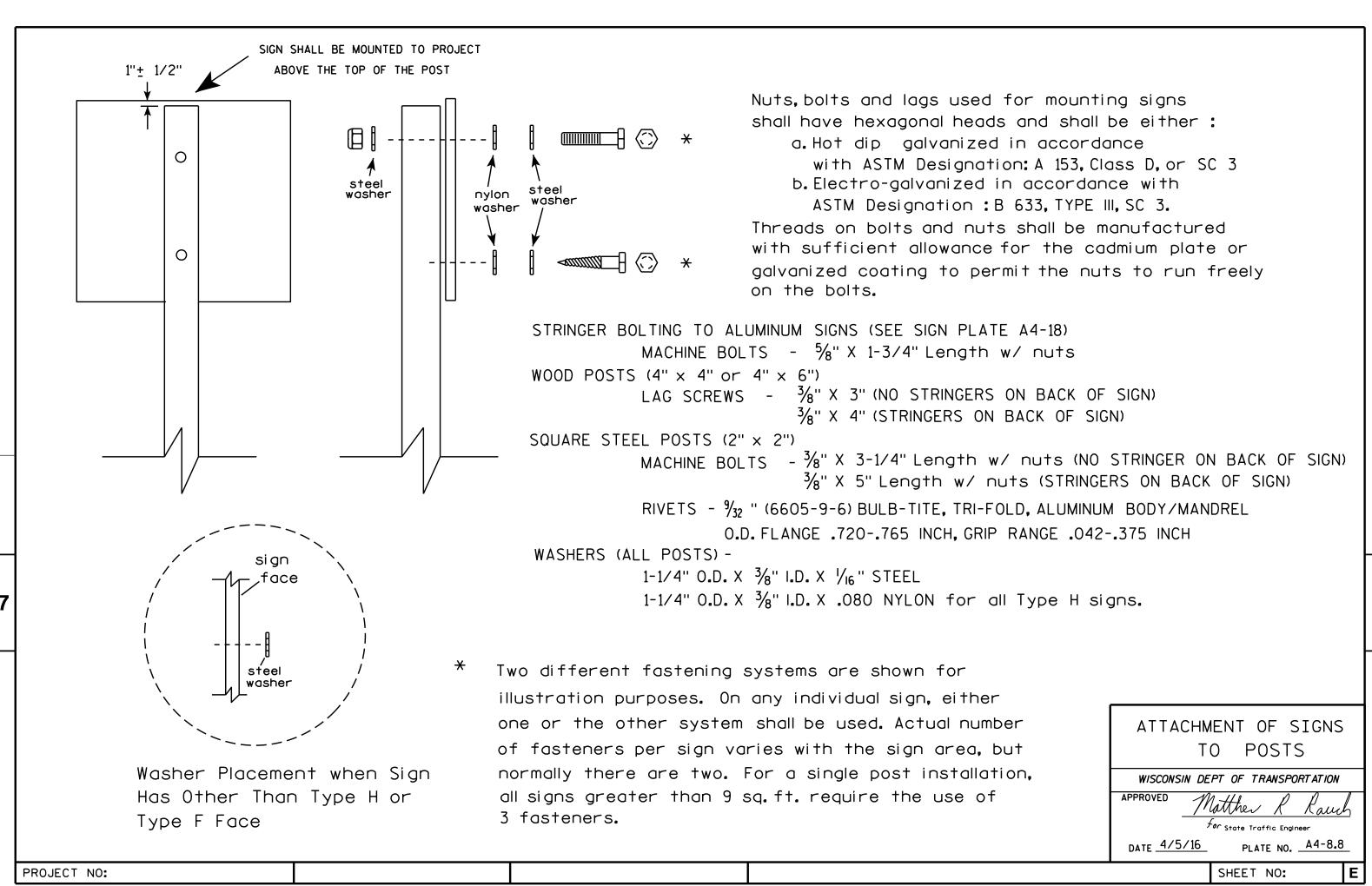
PLOT NAME :

PLOT BY: mscj9h

WISCONSIN DEPT OF TRANSPORTATION APPROVED

For State Traffic Engineer

PLATE NO. 44-4.14 DATE 7/23/15





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

DATE 2/05/15

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

For State Traffic Engineer



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

2. Color:

Background - Orange Message - Black

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



Metric equivalent for this sign is:

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

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 110 00 00 110

for State Traffic Engineer

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

SHEET NO:

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

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

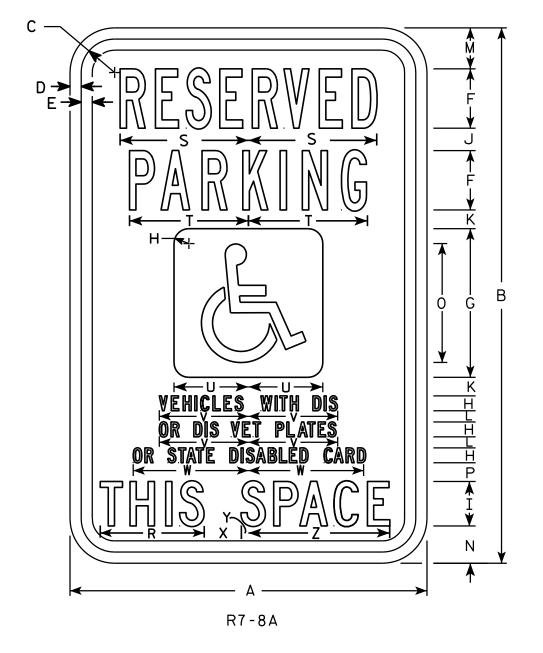
5.561773:1.000000 WISDOT/CADDS SHEET 42

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 R1-1 SIZE A STANDARD SIGN 30 5/8 10 12 1/2 45° 12 3/4 5.18 2S 30 5/8 12 1/2 45° 12 3/4 10 5.18 R1-1 2M 36 3/4 12 15 45° 15 % 7.46 3/4 15 3/8 12 45° 36 15 7.46 WISCONSIN DEPT OF TRANSPORTATION 45° 20 1/2 48 16 20 13.25 APPROVED Matthew & Kauch 5 48 16 20 45° 20 1/2 13.25 3/8 7 3/4 45° 7 3/4 1.86 18 6 For State Traffic Engineer 12 1/4 4 45° 5 1/8 0.78 DATE <u>11/12/15</u> PLATE NO. _____R1-1.13 COUNTY: SHEET NO: PROJECT NO: HWY: PLOT SCALE • 4 378143•1 000000

FILE NAME · C·\CAFfiles\Projects\tr stdplote\R11 DGN

PLOT DATE . 01-DEC-2015 18:07

PINT RY . \$\$ plotuser \$\$ PINT NAMF :



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

Background - Sign is white Type H Reflective; paraplegic background is blue.

Message - Legend and border are green; paraplegic symbol is white

- 3. Message Series Lines 1 & 2 are Series B Lines 3, 4, 5 & 6 are Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	12	18	1 1/8	3/8	3/8	2	5	1/2	1 1/2	3/4	5/8	3/8	1 3/8	1 1/4	4	5/8		3 1/2	4 3/8	4	2 1/2	3	3 %	1 1/4	1/4	4 3/4	1.5
2M	18	24	1 1/8	3/8	1/2	3	6	3/4	2	<i>7</i> ⁄8	5/8	1/2	1 1/8	2	5	3/4		4 %	6 ½	5	3	4 1/2	5 %	1 1/2	1/4	6 3/8	3.0
3	18	24	1 1/8	3/8	1/2	3	6	3/4	2	<i>7</i> ⁄8	5/8	1/2	1 1/8	2	5	3/4		4 %	6 ½	5	3	4 1/2	5 %	1 1/2	1/4	6 3/8	3.0
4																											
5															·												

COUNTY:

STANDARD SIGN R7-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE4/25/2011

PLATE NO. R7-8A.6 SHEET NO:

For State Traffic Engineer

PLOT NAME :

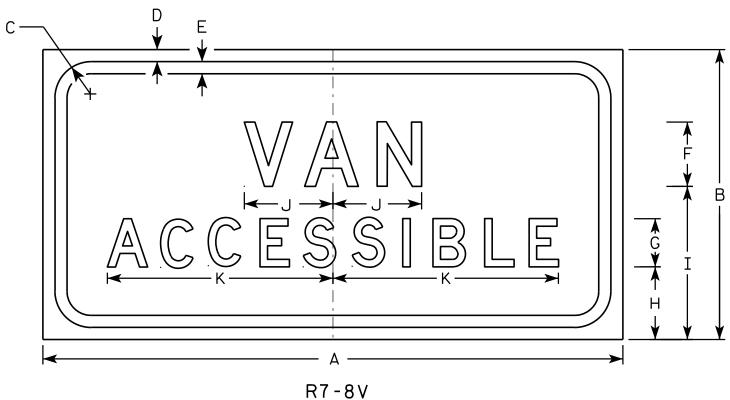
PROJECT NO:

HWY:

- 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 - Green - Type H Reflective

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



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2S	12	6	1 1/8	3/8	3/8	1 1/2	1	1 %	3 ½	2	4 1/4																0.50
2M	18	9	1 1/8	3/8	3/8	2	1 1/2	2 1/4	4 3/4	2 3/4	7																0.75
3	18	9	1 1/8	3/8	3/8	2	1 1/2	2 1/4	4 3/4	2 3/4	7																0.75
4																											
5																											

COUNTY:

STANDARD SIGN R7-8V

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 f_{or} State Traffic Engineer PLATE NO. R7-8V.5

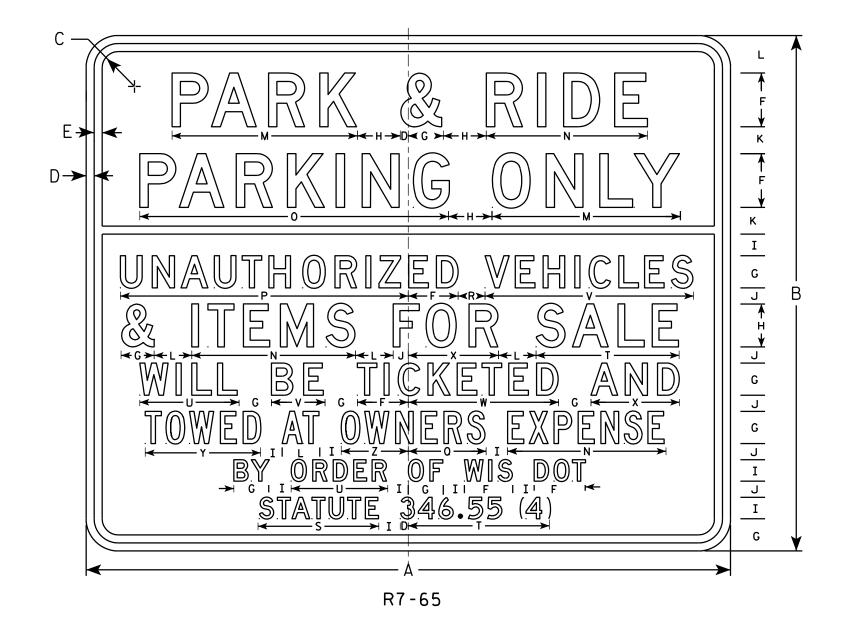
DATE 3/31/2011

SHEET NO:

PROJECT NO:

HWY:

PLOT NAME :



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

Background - WHITE Message - Black

- 3. Message Series D except Line 6 is 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.

2S 2M 3 30 3/8 2 1/2 1 1/2 3/4 | 1 1/4 | 1 3/4 | 8 3/8 | 7 1/2 | 14 3/8 | 13 3/8 | 3 3/8 | 1 1/4 | 5 3/4 | 6 3/8 | 4 3/8 | 9 3/4 | 4 1/8 5 3/8 3 1/8 5.0 24 | 1 1/8 4 5

COUNTY:

STANDARD SIGN R7-65

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

DATE 3/31/2011

PLATE NO. R7-65.3

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R765.DGN

PROJECT NO:

HWY:

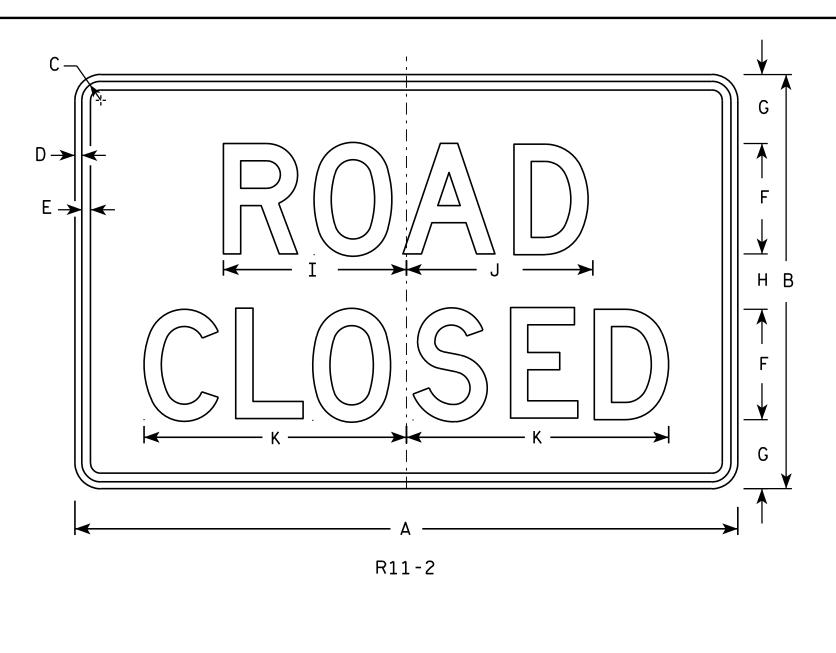
PLOT DATE: 31-MAR-2011 13:54

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 4.469282:1.000000

WISDOT/CADDS SHEET 42

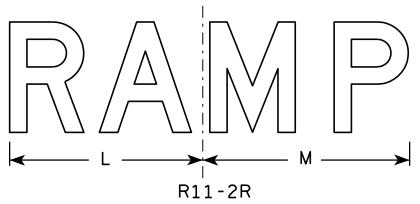


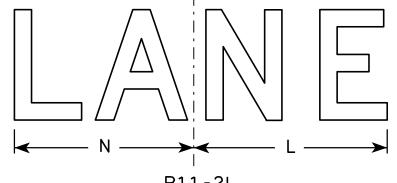
<u>NOTES</u>

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

Background - White Message - Black

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





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PLOT NAME :

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

COUNTY:

STANDARD SIGN R11-2

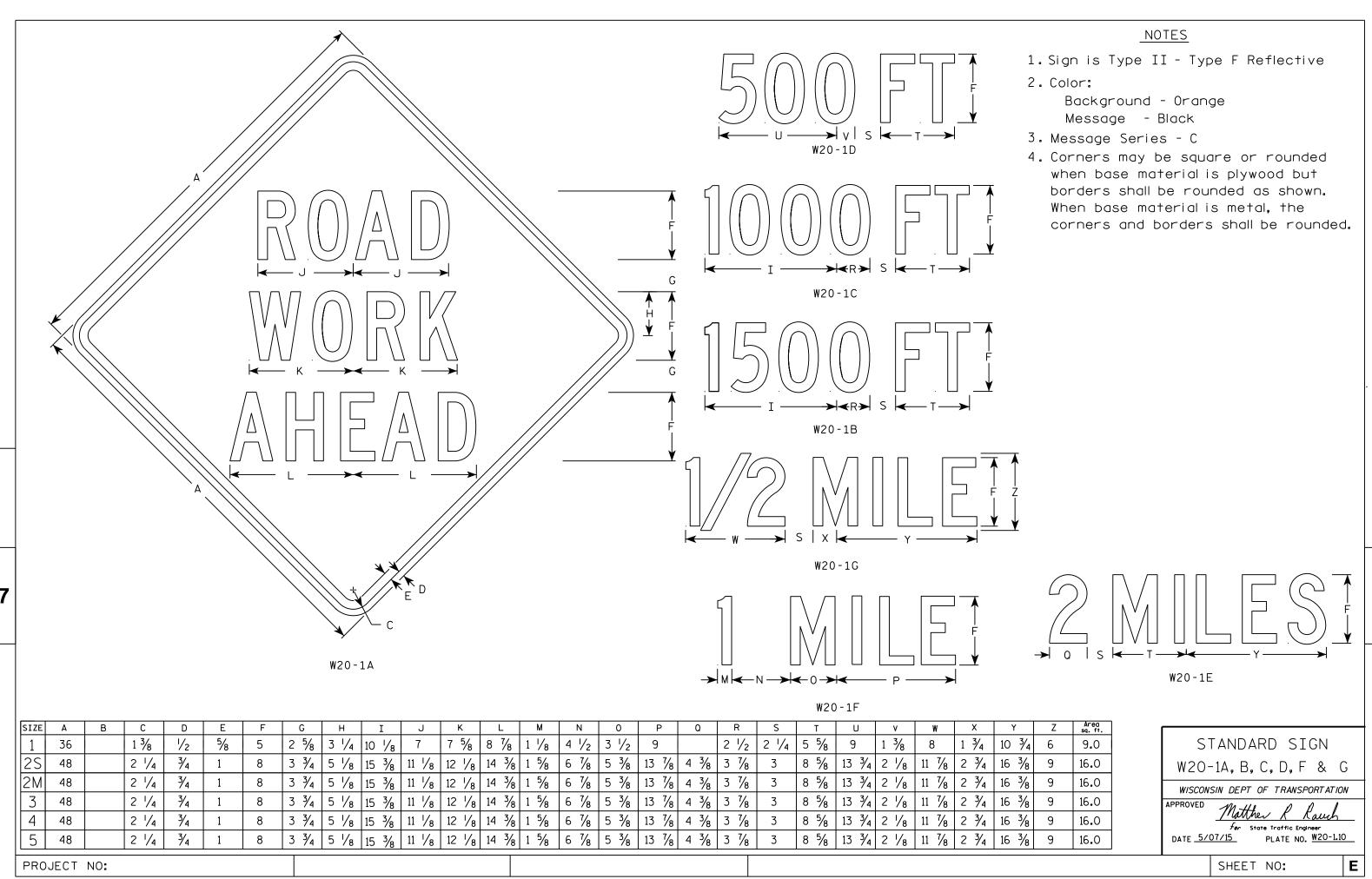
WISCONSIN DEPT OF TRANSPORTATION

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

SHEET NO:

HWY:

PROJECT NO:



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

PLOT DATE . 01-DEC-2015 18.24

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

PARKING LOT EXPANSION AREA

			ARE	A (SF)	Incremental Vol (CY) (Unadjusted)	Cumulat	tive Vol (CY)
STATION	Real Station	Distance	Cut	Fill	Cut	Fill 	Cut 1.00	Expanded Fill 1.25
103+50	10350		193	0	0	0	0	0
103+75	10375	25	193	0	179	0	179	0
104+00	10400	25	207	0	185	0	364	0
104+25	10425	25	203	0	190	0	554	0
104+50	10450	25	191	0	182	0	736	0
104+75	10475	25	192	0	177	0	913	Ο
105+00	10500	25	203	0	183	0	1096	0
105+25	10525	25	182	10	178	5	1275	6
105+50	10550	25	0	0	84	5	1359	12
				TOTALS	1359	9	_	

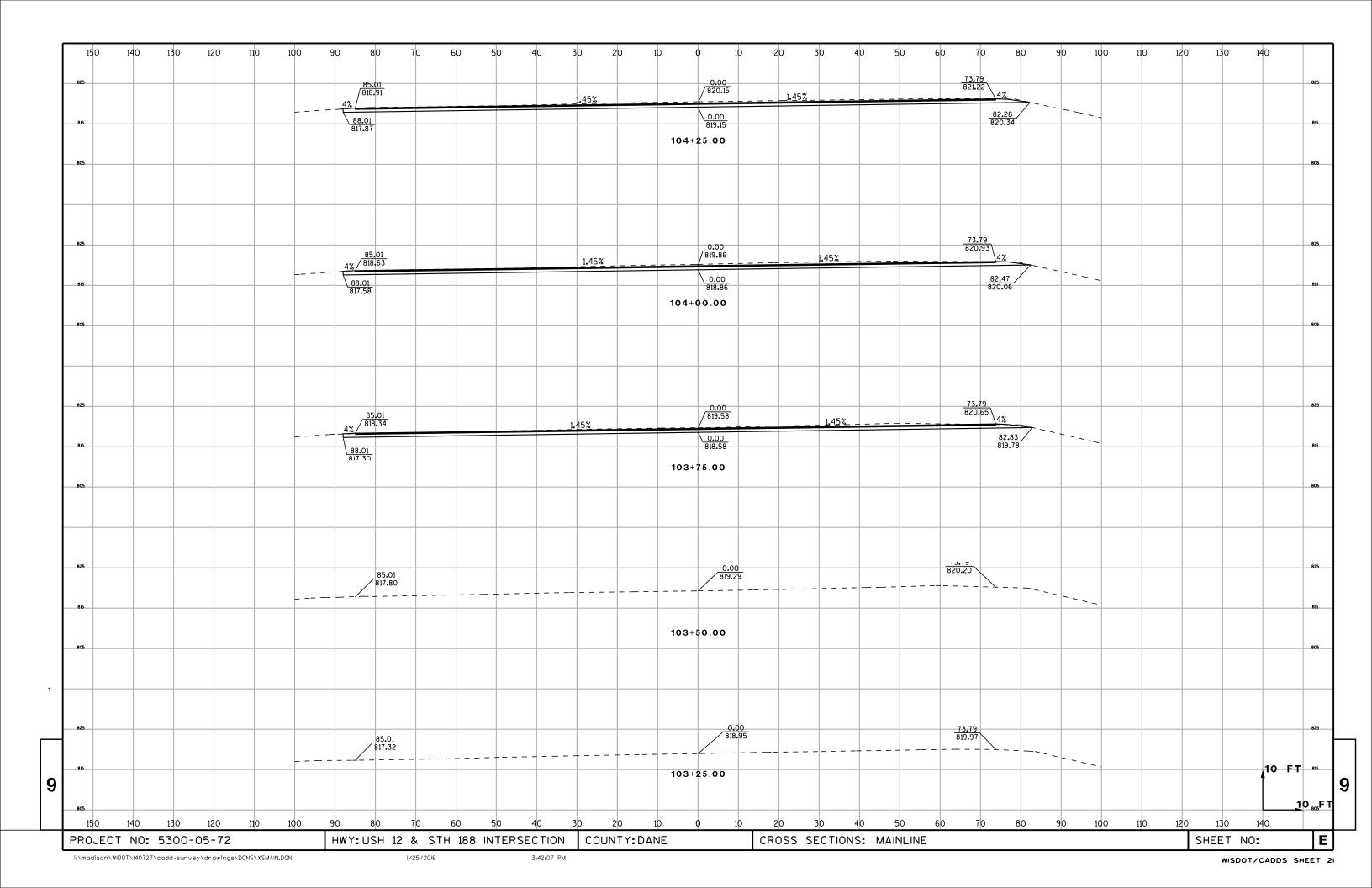
INFILTRATION TRENCH

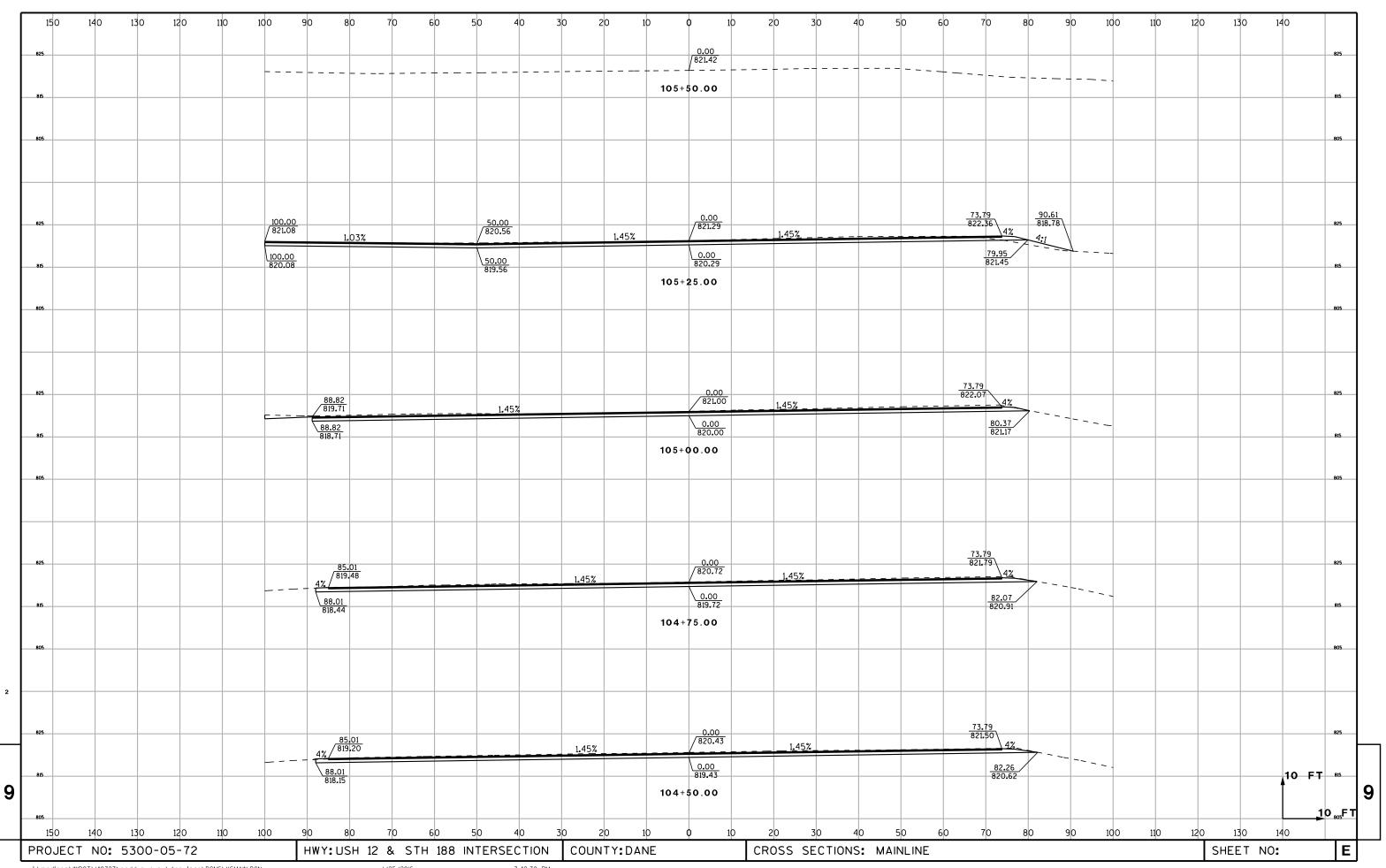
			ARE	A (SF)	Incremental Vol ((CY) (Unadjusted)	Cumula	tive Vol (CY)
STATION	Real Station	Trench Length	Cut	Fill	Cut	Fill 	Cut 1.00	Expanded Fill 1.25
101+70	10170		29	0	0	0	0	0
102+60	10260	180	29	0	190	0	190	0
	_		-	TOTALS	190	0	190	0

9

S

PROJECT NO: 5300-05-72 HWY: USH 12 - STH 188 INTERSECTION COUNTY: DANE EARTHWORK SUMMARY SHEET:







Wisconsin Department of Transportation

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http://www.dot.wisconsin.gov