Section No. 1 Section No. 2 Section No. 3 Section No. 3	Title Typical Sections and Details Estimate of Quantities Miscellaneous Quantities		DEPARTM	ENT OF TRANSPORT	TATION	
Section No. 4	Right of Way Plat Plan and Profile		PI	AN OF PROPOSED IMPROVEMENT		
Section No. 6 Section No. 7 Section No. 8 Section No. 9 Section No. 9	Standard Detail Drawings Sign Plates Structure Plans Computer Earthwork Data Cross Sections		KIE	<b>EL - NEW HOLSTEIN</b> CTH AA - JORDAN AVENUE		TR/ PR( FOI
TOTAL SHEETS =				STH 32		
				CALUMET COUNTY		Dat
				STATE PROJECT NUMBER 4085-60-71		
		N		R-19-E R-20-E CAL	UMET COUNTY R-20-E R-21-E MANITOWOC	COUNTY
			1 - 1	F-18-N RD F-17-N RD RD SHORT RD SHORT RD RD RD RD RD RD RD RD RD RD	A CHARLESBURG RD CHAR	R. CHINELL RD NEW OW LINE DREV RD DREV RD
DESIGN DESIGNATION	4085-60-00		END PROJECT STA 139+85 00			SCHL
A.A.D.T. 2024 = A.A.D.T. 2044 = D.H.V. = D.D. = T. = DESIGN SPEED = ESALS =	5730 6620 936 59/41 7.1% 55 MPH 980,000		CALUMET COUNT FOND DU LAC CO			
CONVENTIONAL SYN	MBOLS		BEGIN PROJECT	ytown HOLST	EIN NATION AND She	boyear
PLAN CORPORATE LIMITS PROPERTY LINE LOT LINE	·//////// 	PROFILE GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such)	STA 17+87.17 Y=438,440.497 X=923,657.046	T-17-N 36 BOORDAN RD		32 57
LIMITED HIGHWAY EASEMEN EXISTING RIGHT OF WAY	IT <u>L</u>	SPECIAL DITCH — LA	138			RD
SLOPE INTERCEPT	~	CULVERT (Profile View)				<u></u> []
REFERENCE LINE	300'EB'	UTILITIES ELECTRIC	- E			
EXISTING CULVERT PROPOSED CULVERT		FIBER OPTIC	- FO	RUSSELL	SENTON RD RD RD RD RD	R
(Box or Pipe) COMBUSTIBLE FLUIDS	-CAUTION-	SANITARY SEWER	- SAN	OUNTY R-19-E	R-20-E	
MARSH AREA		TELEPHONE WATER UTILITY PEDESTAL	-	LAYOUT SCALE 2 MI	HORIZONTAL POSITIONS SHOWN ON THIS PLAN AR COORDINATE REFERENCE SYSTEM (WISCRS), CAL NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SH COORDINATES, GRID BEARINGS, AND GRID DISTAN	E WISCONSIN UMET COUNTY HOWN ARE GRI NCES. GRID DIS
WOODED OR SHRUB AREA	<	POWER POLE TELEPHONE POLE	ь ø	TOTAL NET LENGTH OF CENTERLINE = 2.310 MI	ARE THE SAME AS GROUND DISTANCES. ELEVATION TO NAVD 88 (2012). GPS DERIVED ELEVATIONS AR	ONS ARE REFE

ORDER OF SHEETS PROJECT ID: WITH: N/A

4085-60-71

COUNTY:

STATE OF WISCONSIN

		FEI	JERAL PROJECT	
	STATE PRUJECT	PRO	DJECT	CONTRACT
	4085-60-71			
TRAI PRO FOR DESI ALTE	NS 220 JECT PLAN GN OF UTILITY ERATIONS OR R		ONS	
Date	08/10/2020	J		
	T-18-N T-17-N STRUCTURE B-08 STA 55+42 TO STA T-17-N MANITOWOC COUNTY SHEBOYGAN COUNTY T-16-N	<u>-0009</u> A 57+57 STATE	E OF WISCONSIN	
	1-10-N	σιαιι Περακτιμενί		
—–– EI				TATION
INE Rh		PREPARED BY Surveyor Designer Project Manager Regional Examiner Regional Supervisor	NE REGION T. MAATT/ T. VERHAGE C. DEGRAV	N N E
CONSIN			MENT	
COUNTY ARE GRID		STROVED FOR THE DEPART	IVICIVI	
GRID DISTA RE REFERE	NCES NCED	DATE:	(Signature)	
ED ON GEO	ID 12A.			E

#### 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.

#### UTILITIES CONTACTS

#### COMMUNICATIONS

COMPANY NAME CONTACT NAME ADDRESS CITY, STATE, ZIP PHONE: EMAIL:



EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261 GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

#### EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240 GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797 GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

5/5/2020 7:05 AM

PLOT DATE :

ORDER OF SECTION 2 DETAIL SHEETS
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS

4085-60-71

HWY: STH 32

COUNTY: CALUMET

GENERAL NOTES

PROJECT NO:

PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME :

#### DNR LIAISON

MATT SCHAEVE DEPARTMENT OF NATURAL RESOURCES NORTHEAST REGION 2984 SHAWANO AVE GREEN BAY, WI 54313 (920)662-5472 matthew.schaeve@wisconsin.gov

#### CALUMET COUNTY COMMISSIONER

BRIAN GLAESER HIGHWAY COMMISSIONER 241 EAST CHESTNUT ST CHILTON, WI 53014 (920)849-1434 brian.glaeser@calumetcounty.org

#### NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS 944 VANDERPERREN WAY GREEN BAY, WI 54304 (920)492-5638 cormac.mcinnis@dot.wi.gov

NE REGION DESIGN PROJECT MANAGER

TIMOTHY VERHAGEN, PE 944 VANDERPERREN WAY GREEN BAY, WI 54304 (920)362-1267 timothy.verhagen@dot.wi.gov

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2



PROJECT NO:	4085-60-71	HWY: STH 32	COUNTY: CALUMET		TYPICAL SECTIONS		
FILE NAME : N:\PDS\C3	3D\40856000\SHEETSPLAN\020301-TS.DWG		PLOT DATE :	5/5/2020 7:06 AM	PLOT BY :	CAMPSHURE, MICHAEL R	PLOT NAME :

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FILE NAME : N:\PDS\C3D\40856000\SHEETSPLAN\020301-TS.DWG LAYOUT NAME - 020302-ts-ex PLOT DATE : 5/5/2020 7:06 AM

PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME :

2

WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION STH 32 STA 85+50 TO STA 139+85

PROJECT NO: 4085-60-71	HWY: STH 32	COUNTY: CALUMET	TYPICAL SECTIONS
EILE NAME : N:\PDS\C3D\40856000\SHEETSPLAN\020301-TS.DWG		PLOT DATE : 5/5/2020 7:06 AN	PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME :

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CONCRETE CURB AND GUTTER 30-INCH TYPE D

SHEET

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FILE NAME : N:\PDS\C3D\40856000\SHEETSPLAN\020302-TS.DWG LAYOUT NAME - 020302-ts-fin PLOT DATE : 5/5/2020 7:07 AM

PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME :

2

WISDOT/CADDS SHEET 42

2



PROPOSED TYPICAL SECTION STH 32 STA 85+50 TO STA 139+85

PROJECT NO: 4085-60-71	HWY: STH 32	COUNTY: CALUMET		TYPICAL SECTION	NS	
FILE NAME : N:\PDS\C3D\40856000\SHEETSPLAN\020302-TS.DWG		PLOT DATE :	5/5/2020 7:07 AM	PLOT BY :	CAMPSHURE, MICHAEL R	PLOT NAME :



FILE NAME : N:\PDS\C3D\40856000\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021001-cd

PLOT BY : CAMPSHURE, MICHAEL R PLOT NAME :

2



SHEET

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PLOT DATE : 5/5/2020 7:10 AM



 
 PROJECT NO:
 4085-60-71
 HWY: STH 32

 FILE NAME :
 N:\PDS\C3D\40856000\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021002-cd
 EXECUTE:

2

2

WISDOT/CADDS SHEET 42



LAYOUT NAME - 021001-id





WISDOT/CADDS SHEET 42





LAYOUT NAME - 021203-pd

PLOT DATE : 6/11/2020 7:17 AM PLOT BY : MALUEG, RYAN P





FILE NAME : \$\$....designfile....\$\$

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

### TRAFFIC CONTROL DETOUR SIGN SUMMARY

Г							643 0000	643 0420	643 0705	643 1000	643 1050		643 0020	
						ADDOOV	643.0900	BARDTCADEC	043.0705	043.1000	045.1050		043.0920	
						APPROX.	SIGNS	BARRICADES	WARNING	FIXED	SIGNS		COVERING	
					NUMBER	SERVICE		TYPE III	LIGHTS	MESSAGE	PORTABLE	NO. OF	SIGNS	
ן ר כ	SIGN		SIGN	SIZE	IN	PERIOD			TYPE A	SIGN	CHANGEABLE	CYCLES	TYPE II	
<b>)</b>						30					MESSAGE			
	NO.	LOCATION	CODE	WXH	SERVICE	DAYS	DAYS	DAYS	DAYS	SF	DAYS		EACH	REMARKS
	1	STH 32/57, N. OF CTH X, PLACE 1500' N. OF CTH X INTERSECTION	W 20-2A	48"X48"	1	30	30							
	2	STH 32/57, N. OF CTH X, MODIFY EXISTING J2-1 SIGN AS SHOWN	M 4-8	24"X12"	1	30	30							
		"	MO 6-1	21"X21"	1	30	30							AHEAD
	3	STH 32/57, N. OF CTH X, MODIFY EXISTING J3-1 SIGN AS SHOWN	M 4-8	24"X12"	1	30	30							
		"	MO 6-1	21"X21"	1	30	30							AHEAD
	4	STH 32/57, AT CTH X INTERSECTION, PLACE ON RIGHT SHOULDER IN SW QUADRANT	R 11-3B	60"X30"	1	30	30	30	60					2 1/4 MILES AHEAD
			M 4-9L	30"X24"	1	30	30							
	5	CTH X, E. OF STH 32/57, PLACE 150' E. OF STH 32/57 INTERSECTION	M 4-8	24"X12"	1	30	30							
		"	M 3-3	24"X12"	1	30	30							
		"	M 1-6	24"X24"	1	30	30							32
-		"	M 1-6	24"X24"	1	30	30							57
∎⊦	6	CTH X, E. OF STH 32/57, MODIFY EXISTING J1-1 SIGN AS SHOWN	M 4-8A	24"X18"	1	30	30							
	7	CTH X, W. OF CTH T, PLACE 150' W. OF CTH T INTERSECTION	M 4-8	24"X12"	1	30	30							
		"	M 3-3	24"X12"	1	30	30							
			M 1-6	24"X24"	1	30	30							32
		"	M 1-6	24"X24"	1	30	30							57
		" 	MO 6-1	21"X21"	1	30	30							AHEAD
	8	CTH X, E. OF CTH T, PLACE 150' E. OF CTH T INTERSECTION	M 4-8	24"X12"	1	30	30							
			M 3-1	24"X12"	1	30	30							
		"	M 1-6	24"X24"	1	30	30							32
		"	M 1-6	24"X24"	1	30	30							57
		"	MO 6-1	21"X21"	1	30	30							AHEAD
	9	CTH X, W. OF STH 67, PLACE 750' W. OF STH 67 INTERSECTION	M 4-8	24"X12"	1	30	30							
ŀ			M 3-3	24"X12"	1	30	30							22
ŀ			M 1-6	24"X24"	1	30	30							32
ŀ			M 1-6	24"X24"	1	30	30							57
	10		MO 5-1R	21"X21"	1	30	30							
	10	CIH X, W. OF SIH 6/ INTERSECTION, PLACE ISU' W. OF SIH 6/ INTERSECTION	M 4-8	24 X12		30	30							
-			M 3-1	24"X12"		30	30							
ŀ			M 1-6	24 X24	1	30	30							32
-	11		M 1-6	24"X24"		30	30							57
-		CIH X, AT STH 67 INTERSECTION, PLACE RIGHT OF EXISTING JIS-I SIGN	M 4-8	24 X12	<u> </u>	30	30							
ŀ			M 3-3	24 X12		30	30							22
-			M 1-6	24 X24		30	30							32
ŀ		11	M 1-6	24 X24		30	30							57
ŀ	12	CTU 67 AT CTU V INTERCECTION DUACE RICHT OF EVICTING 112 1 CTON	MO 6-1	21 X21	<u> </u>	30	30	+						RIGHI
ŀ	12	SIH 67, AT CIH X INTERSECTION, PLACE RIGHT OF EXISTING JIS-I SIGN	M 2 1	24 X12	<u> </u>	30	30							
		11	M 1_6	24 X12	1	30	30							22
∎⊦		п	M 1_6	24" 24"	1	30	30	+					+	52 E 7
ŀ		п		24 A24	1	20	30	+	<u> </u>				+	
ŀ	12			21 721	1 <u>1</u>	20	30	+					+	
ŀ	<u>د ۲</u>	SIN 07, S. OF CIN X, FLACE KIGHT OF EXISTING J4-1 SIGN	M 2 2	24 XIZ	<u> </u>	30	30	+					+	
ŀ		п		24 X12	1 <u>1</u>	20	30	+	<u> </u>				+	22
ŀ		П	M 1 6	24 X24	<u> </u>	30	30	+					+	52
			0-L M	24 X24		30	1 250	20	<u>ــــــــــــــــــــــــــــــــــــ</u>	·	·			5/
		PAGE SUBTUTALS			45		1,550	30	00	0	0		0	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

PROJECT NUMBER: 4085-63-71	HWY: STH 32/57	COUNTY: CALUMET	MISCELLANEOUS QUANTITIES
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#### TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN		SIGN	SIZE	NUMB ER IN	APPROX. SERVICE PERIOD 30	643.0900 SIGNS	643.0420 BARRICADES TYPE III	643.0705 WARNING LIGHTS TYPE A	643.1000 FIXED MESSAGE SIGN	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE	NO. OF CYCLES	643.0920 COVERING SIGNS TYPE II	
NO.	LOCATION	CODE	ωхн	SERVICE	DAYS	DAYS	DAYS	DAYS	SF	DAYS		EACH	REMARKS
14	STH 67, S. OF CTH X, PLACE 750' S. OF CTH X INTERSECTION	M 4-8	24"X12"	1	30	30							
	"	M 3-1	24"X12"	1	30	30							
	"	M 1-6	24"X24"	1	30	30							32
	"	M 1-6	24"X24"	1	30	30							57
1 5		MO 5-1L	21"X21"	1	30	30							
15	SIH 67, N. OF CIH XX, PLACE ISO N. OF CIH XX INTERSECTION	M 4-8	24 X12	1	30	30							
	н	M 1_6	24 XIZ 24"Y24"	1	30	30							32
	н	M 1-6	24 724	1	30	30							57
	п	MO 6-1	21 "X21"	1	30	30							AHEAD
16	STH 67. S. OF CTH XX. PLACE 150' S. OF CTH XX INTERSECTION	M 4-8	24"X12"	1	30	30							
		M 3-1	24"X12"	1	30	30							
	"	M 1-6	24"X24"	1	30	30							32
	11	M 1-6	24"X24"	1	30	30							57
	н	MO 6-1	21"X21"	1	30	30							AHEAD
17	STH 67, N. OF CTH AA, PLACE 150' N. OF CTH AA INTERSECTION	M 4-8	24"X12"	1	30	30							
	"	M 3-3	24"X12"	1	30	30							
	n n	M 1-6	24"X24"	1	30	30							32
	II II	M 1-6	24"X24"	1	30	30							57
	II II	MO 6-1	21"X21"	1	30	30							AHEAD
18	STH 67, S. OF CTH AA, PLACE 150' S. OF CTH AA INTERSECTION	M 4-8	24"X12"	1	30	30							
	п	M 3-1	24"X12"	1	30	30							
	"	M 1-6	24"X24"	1	30	30							32
	"	M 1-6	24"X24"	1	30	30							57
	"	MO 6-1	21"X21"	1	30	30							AHEAD
19	STH 67, N. OF STH 32/57, MODIFY EXISTING J1-1 SIGN AS SHOWN	M 4-8A	24"X18"	1	30	30							
20	STH 67, N. OF STH 32/57, COVER EXISTING D1-62 SIGN AS SHOWN										1	1	COVER SIGN AS SHOWN
21	STH 67, N. OF STH 32/57, PLACE 250' N. OF STH 32/57 INTERSECTION	M 4-8	24"X12"	1	30	30							
	"	M 3-1	24"X12"	1	30	30							
	"	M 1-6	24"X24"	1	30	30							32
	" 	M 1-6	24"X24"	1	30	30							57
21A	STH 67, AT STH 32/57 RAB, PLACE ABOVE EXISTING SPLITTER ISLAND SIGN FOR N. LEG	M 4-8	24"X12"	1	30	30							
	"	M 3-1	24"X12"	1	30	30							
	"	M 1-6	24"X24"	1	30	30							32
	"	M 1-6	24"X24"	1	30	30							57
	"	MO 6-2	21"X21"	1	30	30							TILT RIGHT
22	STH 32/57, S. OF STH 67, COVER/PLACE RIGHT OF EXISTING D1-62 AS SHOWN		0.4 //								1	1	COVER SIGN AS SHOWN
		M 4-8	24"X12"	1	30	30						+	
		M 3-1	24"X12"	1	30	30						+	22
		M 1 6	24 X24		30	30						+	52
	п		24 X24 21 "V21 "	1	30	30			<u> </u>			+	
23	STH 32/57 S OF STH 67 PLACE 1000' S OF STH 67 INTERSECTION	FMS	90"¥36"	1	30	30			22 5			+ +	
23	STH 32/57, S. OF STH 67, PLACE 1000 S. OF STH 67 INTERSECTION	W 20-24	48"\\\48"	1	30	30			22.3			+ +	SEL SIGN DETAIL SHEET
25	STH 32/57, AT STH 67 INTERSECTION, PLACE ON RIGHT SHOULDER IN NW QUADRANT	R 11-3B	60"X30"	1	30	30							2 1/4 MILES AHEAD
	UF INTERSECTION	M 4 00	20"224"	1	20	20						+	
26		M 4-9K	50 X24	<b>_</b>	30	30					1	1	COVER ENTTRE STON
27	STH 32/57, AT STH 67 INTERSECTION, COVER EXISTING 54-2 SIGN AS SHOWN										1	1	COVER ENTIRE SIGN
	SHOWN				1	1 200	, <u> </u>		L	لــــــــــــــــــــــــــــــــــــ		· · · · · ·	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

PROJECT NUMBER: 4085-63-71	HWY: STH 32/57	COUNTY: CALUMET	MISCELLANEOUS QUANTITIES
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TRAFFIC CONTROL DETOUR SIGN SUMMARY

						643.0900	643.0420	643.0705	643.1000	643.1050		643.0920	
					APPROX.	SIGNS	BARRICADES	WARNING	FIXED	SIGNS		COVERING	
				NUMB ER	SERVICE		TYPE III	LIGHTS	MESSAGE	PORTABLE	NO. OF	SIGNS	
SIGN		SIGN	SIZE	IN	PERIOD			TYPE A	SIGN	CHANGEABLE	CYCLES	TYPE II	
					30					MESSAGE			
NO.	LOCATION	CODE	WХН	SERVICE	DAYS	DAYS	DAYS	DAYS	SF	DAYS		EACH	REMARKS
28	STH 67, S. OF STH 32/57, COVER/PLACE LEFT OF EXISTING D1-62 AS SHOWN										1	1	COVER SIGN AS SHOWN
	"	M 4-8	24"X12"	1	30	30							
	"	M 3-1	24"X12"	1	30	30							
	11	M 1-6	24"X24"	1	30	30							32
	"	M 1-6	24"X24"	1	30	30							57
	U U	MO 6-1	21"X21"	1	30	30							AHEAD
29	STH 67, S. OF STH 32/57, PLACE 1000' S. OF STH 32/57 INTERSECTION	FMS	90"X36"	1					22.5				SEE SIGN DETAIL SHEET
30		M 3-1	24"X12"	1	30	30							
	U U	M 1-6	24"X24"	1	30	30							32
	"	M 3-1	24"X12"	1	30	30							
	u u	M 1-6	24"X24"	1	30	30							57
	"	W 20-2A	48"X48"	1	30	30							
31	STH 32/57, AT CTH AA INTERSECTION, PLACE ON RIGHT SHOULDER IN NE QUADRANT	R 11-3B	60"X30"	1	30	30	30	60					3/4 MILE AHEAD
32	STH 32/57, S. OF B-08-09 STRUCTURE, PLACE ON RIGHT SHOULDER, FIELD DETERMINED LOCATION	PCMS		1						7			PLACE IN ADVANCE OF CLOSURE
33	STH 32/57, N. OF B-08-09 STRUCTURE, PLACE ON RIGHT SHOULDER, FIELD DETERMINED LOCATION	PCMS		1						7			PLACE IN ADVANCE OF CLOSURE
	PAGE SUBTOTALS			14		330	30	60	22.5	14		1	
	PROJECT TOTALS			103		2,970	60	120	45	14		5	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

PROJECT NUMBER: 4085-63-71	HWY: STH 32/57	COUNTY: CALUMET	MISCELLANEOUS QUANTITIES
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#### CONCRETE BASE PATCHING

	690.0250 SAWING CONCRETE	690.0150 SAWING ASPHALT	416.0620 DRILLED DOWEL BARS	320.0155 CONCRETE BASE 9- INCH	204.0100 REMOVING PAVEMENT			
REMARKS	LF	LF	EACH	SY	SY	OFFSET	STATION	CATEGORY
6-FT X 24-F	12	48	32	16	16	STH 32 IT & RT	34+64	0010
6-FT X 24-F	12	48	32	16	16	STH 32 IT & RT	39+48	0010
6-FT X 24-F	12	48	32	16	16	STH 32 IT & RT	50+64	0010
6-FT X 24-F	12	48	32	16	16	STH 32 IT & RT	63+82	0010
6-FT X 24-F	12	48	32	16	16	STH 32 LT & RT	65+48	0010
6-FT X 24-F	12	48	32	16	16	STH 32 LT & RT	67+77	0010
6-FT X 24-F	12	48	32	16	16	STH 32 LT & RT	72+28	0010
6-FT X 24-F	12	48	32	16	16	STH 32 LT & RT	77+80	0010
6-FT X 24-F	12	48	32	16	16	STH 32 LT & RT	84+00	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	89+60	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	92+27	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	94+11	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	96+04	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	96+35	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	101+12	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	104+65	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	109+00	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	109+35	0010
6-FT X 24-F	12	48	32	16	16	sth 32 lt & rt	132+46	0010
5 LOCATIONS 6-FT X 24-F	60	240	160	80	80	STH 32 LT & RT	UNDISTRIBUTED	0010
	288	1152	768	384	384		PROJECT TOTALS	

PROJECT NO: 4085-60-71	HWY: STH 32	COUNTY: CALUMET	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\c3d\40856000\SheetsPlan\pdf\030200_mq.pptx		PLOT DATE: MARCH 30, 2020	PLOT BY : TSM	PLOT NAME :

PLOT DATE: MARCH 30, 2020

PLOT NAME :

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FT
AT
FI

#### BARRIER SYSTEM GRADING SHAPING AND FINISHING

					614.0010 BARRIER SYSTEM GRADING SHAPING AND FINISHING	* COMMON EXCAVATION	* BORROW	* TOPSOIL	* FERTILIZER TYPE B	* SEEDING MIXTURE NO. 20	* SEEDING TEMPORARY
CATEGORY	STATION	то	STATION	LOCATION	EACH	CY	CY	SY	CWT	LB	LB
0010 0010 0010 0010 0010	36+14 38+66 52+73 57+36 57+93		49+33 55+00 55+61 68+71 68+27	STH 32 RT STH 32 LT STH 32 RT STH 32 LT STH 32 RT	1 1 1 1	107 107 25 69 79	140 300 70 90 194	3356 4748 860 2358 2571	2.11 2.99 0.54 1.49 1.62	90.62 128.19 23.22 63.66 69.42	90.62 128.19 23.22 63.66 69.42
				TOTAL	387	387	794	13893	8.75	375	375

1) PAYMENT FOR FURNISHING AND PLACING TOPSOIL, FERTILIZER TYPE B, SEEDING MIXTURE NO. 20, AND EROSION MAT CLASS 1 TYPE B IS INCIDENTAL TO ITEM NO.'S 614.0010-BARRIER SYSTEM GRADING SHAPING FINISHING

\*ITEMS AND QUANTITES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PROJECT NO: 4085-60-71	HWY: STH 32	COUNTY: CALUMET	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\c3d\40856000\SheetsPlan\pdf\030200_mq.pptx		PLOT DATE: MARCH 30, 2020	PLOT BY : TSM PI	LOT NAME :

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\* EROSION MAT CLASS 1 ΤΥΡΕ Β SY REMARKS 3356 TOPSOIL PLACED 6" DEEP 4748 TOPSOIL PLACED 6" DEEP 860 TOPSOIL PLACED 6" DEEP 2358 TOPSOIL PLACED 6" DEEP 2571 TOPSOIL PLACED 6" DEEP 13893 SHEET: PLOT SCALE : 1:1



LAYOUT NAME - 050201-pn

PLOT DATE : 6/11/2020 6:24 AM PLOT BY : MALUEG, RYAN P







WISDOT/CADDS SHEET 44



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					5
PLOT SCALF :	1 IN:100 FT	SHEET		E	
			WISDOT/CADD	S SHEET 44	

- 2. Color:

  - Message Black
- 3. Message Series D



PROJECT NO:4085-63-71	HWY:STH 32/57	COUNTY: CALUMET	TEMPORARY SIGNING	
FILE NAME : C:\CAEfiles\Projects:tr_d3_3081a219FMS.dgn		PLOT DATE : 5-FEB-2019 11:	58 PLOT BY : msc j9h	PLOT NAME :

### NOTES

1. Fixed Message Type II Signs - Type F Reflective

Background - Orange

SHEET NO:

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### 🛞 SDD 08D01-a Concrete Curb and Gutter

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# **SDD 08D01** . 21b

## SDD 08D02-a Concrete Surface Drains, Flume Type at Structures

**SDD 08D02** 

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07a





# SDD 08D02-b Concrete Surface Drains, Flume Type at Structures

**SDD 08D02** 

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- 07b **SDD 08 D02** 



### 🕙 SDD 08D02-c Concrete Surface Drains, Flume Type at Structures



### SDD 08D03-a Concrete Surface Drains, Drop Inlet Type at Structures

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08a . 3 08D0 SDD



#### SDD 08D03-b Concrete Surface Drains, Drop Inlet Type at Structures

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### SDD 08D05-d: Curb Ramps Types 4B and 4B1

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20d

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**SDD 08D0** 



### SDD 08D05-f Curb Ramps Radial Detectable Warning Field Applications

### SDD 8f1 Apron Endwalls for Culvert Pipe



## SDD 13B02-a Concrete Pavement Approach Slab

**SDD 13B02** 

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09a









#### SECTION E - E FOOTING DETAIL STRUCTURAL APPROACH SLAB TO CONCRETE BRIDGE APPROACH

#### **GENERAL NOTES**

ALL PROJECTS THAT INVOLVE A STRUCTURAL APPROACH SLAB WILL ALSO HAVE A CONCRETE PAVEMENT APPROACH SLAB.

- 1 SEE BRIDGE PLAN.
- (2) CONFORM TO SDD 13B02 SHEET A FOR CONCRETE PAVEMENT APPROACH SLAB DETAILS
- ③ DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.
- ④ EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.
- © 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO € OR ℝ.
- D 1<sup>1</sup>/<sub>2</sub>" EXPANSION JOINT (NO DOWELS)

STRUCTURAL APPROACH SLAB

AND CONCRETE PAVEMENT

**APPROACH SLAB** 

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

> /S/ Peter Kemp P.E. PAVEMENT SUPERVISOR

APPROVED November 2018 DATE

#### SDD 14B42-a Midwest Guardrail System (MGS) Guardrail



06a . 14B42 SDD



### SDD 14B42-b Midwest Guardrail System (MGS) Guardrail

SDD 14B42 -**06**b - 06b 14B42 SDD



WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NALS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL. DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

SDD 14B42 - 06c

**SDD14B42-06**c

MIDWEST GUARDRAIL SYSTEM

(MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



**P90** 

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# SDD 14B42-d Midwest Guardrail System (MGS) Guardrail

SDD 14B42 - 06d

### SDD 14B44-a Midwest Guardrail System (MGS) Energy Absorbing Terminal





# SDD 14B44-b Midwest Guardrail System (MGS) Energy Absorbing Terminal

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- 04b 14B44 SDD



# SDD 14B44-c Midwest Guardrail System (MGS) Energy Absorbing Terminal





















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<ul> <li>GENERAL NOTES</li> <li>A. DLERANCE FOR OF BEAM 15 ± 1°.</li> <li>(a) DLIFS MAY BE A325 BOLTS OR 4498 BOLTS. BOLT LENGTH AND THREADNG LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN REQUIRED BEAM CONNECTION BETWEEN REQUIRED BEAM CONNECTION BETWEEN BOLT LENGTH AND THREAD LENGTH. AND THREAD ENGINE DEFINITION PLATE. CONTRED. BOLT THREAD LENGTH AND THREAD DATE: AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD DATE: AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND THREAD LENGTH. AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND THREAD LENGTH AND NUT REQUIRED. BOLT THREAD LENGTH AND LENGTH AND AND THREAD LENGTH AND AND THREAD LENGTH AND T</li></ul>		MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	APPROVED /5. Rodrey Taylor 772018 /5. Rodrey Taylor Dit Roadway Staduads Betelowent FHMA
$\label{eq:product} \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $	-*/0-5		ELEVATION OF DETAIL AT NY4 END POST	THRIE BEAM RAIL ATTACHMENT



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## SDD 13c14-a Base Patching Concrete

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C 14

-7a



### SDD 13c14-b Base Patching Concrete



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14-7b c 33 ۵

## SDD 13c14-c Base Patching Concrete



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