


MAR/MRW-309/61-29.20/2.48/22.86

MODEL: Sheet02 PAPER SIZE: 17X11 (in.) DATE: 11/21/2022 TIME: 11:34:49 AM USER: dpoling
 p:\vohoboc-pw-bentley.com\shahidoc-pw-02\Documents\01 Active Projects\Distict 06\Morrow\112847\400-Engineering\Roadway\Sheets\112847_G0001.dgn

SHEET NUMBER										PART		ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.12 - P.14	P.15 - P.16	P.20	P.24	P.25	P.26	P.27	P.36	P.37	P.55	01/STR/PV	02/STR/BR						
					5620					5620		251	01041	5620	SY	PAVEMENT	
			99740	4951						104691		254	01001	104691	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN	P.13
								4		4		301	56100	4	CY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 2.50"	P.13
								8		8		304	20000	8	CY	ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS)	
			8481	422				1		8904		407	20000	8904	GAL	AGGREGATE BASE	
			4158	209				4		4371		441	10000	4371	CY	NON-TRACKING TACK COAT	
			248	71						319		617	10100	319	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
4										4		617	25000	4	MGAL	COMPACTED AGGREGATE	
			10.48							10.48		618	41000	10.48	MILE	WATER	
																RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
																TRAFFIC CONTROL	
												621	00100	394	EACH	RPM	
												621	54000	394	EACH	RAISED PAVEMENT MARKER REMOVED	
						76				76		626	00116	76	EACH	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL	
42									56	98		630	02101	98	FT	GROUND MOUNTED SUPPORT, NO. 2 POST, AS PER PLAN	P.11
									80	80		630	03101	80	FT	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	P.11
									6	6		630	08600	6	EACH	STOP LINE	
6									20.7	26.7		630	80100	26.7	SF	SIGN POST REFLECTOR	
									1	1		630	84900	1	EACH	SIGN, FLAT SHEET	
									11.44	11.44		644	00104	11.44	MILE	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
									5.72	5.72		644	00300	5.72	MILE	EDGE LINE, 6"	
																CENTER LINE	
									54	54		644	00500	54	FT	STOP LINE	
																STRUCTURE OVER 20 FOOT SPAN	
																SEE STRUCTURE ESTIMATED QUANTITIES SHEET P.57	
																MAINTENANCE OF TRAFFIC	
										1		SPECIAL	61411300	1	EACH	WORK ZONE TRAFFIC SIGNAL	
			33							33		614	12461	33	EACH	WORK ZONE MARKING SIGN, AS PER PLAN	P.16
			4							4		614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.16
			11.44	0.19						11.63		614	21550	11.63	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
				0.23						0.23		614	22350	0.23	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	
			108	48						156		614	26610	156	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
										1058		644	30000	1058	FT	REMOVAL OF PAVEMENT MARKING	
																INCIDENTALS	
										LS		614	11000	LS		MAINTAINING TRAFFIC	
										LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	P.14
										LS		624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
DKR

REVIEWER
DKR

PROJECT ID
112847

SHEET TOTAL
P.23 65

MAR/MRW-309/61-29-20/2.48/22.86

MODEL: 112847_G5101_PAPER: 17x11 (in.) DATE: 11/21/2022 TIME: 11:36:51 AM USER: dpoling
 pw:\chodo-fw-bentley.com\chodo-fw-02\Documents\01-Active Projects\District 06\Morrow\112847\400-Engineering\Roadway\Sheets\112847_G5001.dgn

LOCATION								DESIGN					QUANTITIES											
L O C A T I O N	C O U N T Y	R O U T E	B E G I N S T A	E N D S T A	B E G I N S T A M	E N D S T A M	L E N G T H F T	T Y P I C A L	AVG PAVEMENT WIDTH				P A V E M E N T A R E A S Q Y D	209 L I N E A R G R A D I N G M I L E	254 P A V E M E N T P L A N I N G A S P E R P L A N A V G D E P T H		407 N O N T R A C K I N G T A C K C O A T E S T R A T E		441 A S P H A L T C O N C R E T E S U R F A C E C O U R S E T Y P E 1 (446) P G 6 4 - 2 2 A V G D E P T H		617 C O M P A C T E D A G G R E G A T E 1' W I D E A V G D E P T H		618 R U M B L E S T R I P E S E D G E L I N E (A S P H A L T C O N C R E T E) M I L E	
									A	B	C	D			IN	SQ YD	(GAL/SY)	GAL	IN	CU YD	IN	CU YD	MILE	
									FT	FT	FT	FT			FT	SQ YD	MILE	IN	SQ YD	(GAL/SY)	GAL	IN	CU YD	IN
LOCATION 1 MAINLINE PAVING																								
1	MAR	309	77+48.44	77+98.44	29.22	29.23	50	1 (TRANSITION)	2.25	12.00	12.00	2.25	158	0.02	2.00	158	0.085	13	1.50	7	1.0	2	0.02	
1	MAR	309	77+98.44	86+00.00	29.23	29.38	802	1	2.25	12.00	12.00	2.25	2538	0.30	2.50	2538	0.085	216	1.50	106	1.0	6	0.30	
1	MAR	309	86+00.00	92+13.60	29.38	29.50	614	1	2.00	12.00	12.00	2.00	1909	0.24	2.50	1909	0.085	162	1.50	80	1.0	4	0.24	
1	MAR	309	92+13.60	118+53.60	29.50	30.00	2,640	1	3.00	12.00	12.00	3.00	8800	1.00	2.50	8800	0.085	748	1.50	367	1.0	18	1.00	
1	MAR	309	118+53.60	123+49.32	30.00	30.09	496	1	3.00	12.00	12.00	2.00	1597	0.18	2.50	1597	0.085	136	1.50	67	1.0	4	0.18	
LOCATION 2 MAINLINE PAVING																								
2	MRW	309	123+49.32	124+16.25	2.48	2.49	67	1	3.00	12.00	12.00	2.50	219	0.02	2.50	219	0.085	19	1.50	9	1.0	2	0.02	
2	MRW	309	124+16.25	124+66.25	2.49	2.50	50	1 (TRANSITION)	3.00	12.00	12.00	2.50	164	0.02	2.00	164	0.085	14	1.50	7	1.0	2	0.02	
(SKIP STRUCTURE MRW-309-0251)																								
2	MRW	309	125+52.25	126+02.25	2.52	2.53	50	1 (TRANSITION)	7.50	12.00	12.00	7.50	217	0.02	2.00	217	0.085	18	1.50	9	1.0	2	0.02	
2	MRW	309	126+02.25	129+35.03	2.53	2.59	333	1	3.00	12.00	12.00	2.00	1072	0.12	2.50	1072	0.085	91	1.50	45	1.0	4	0.12	
2	MRW	309	129+35.03	137+80.80	2.59	2.75	846	1	6.00	12.00	12.00	7.00	3477	0.32	2.50	3477	0.085	296	1.50	145	1.0	6	0.32	
2	MRW	309	137+80.80	151+00.80	2.75	3.00	1,320	1	2.00	12.00	12.00	2.00	4107	0.50	2.50	4107	0.085	349	1.50	171	1.0	10	0.50	
2	MRW	309	151+00.80	154+31.99	3.00	3.06	331	1	3.00	12.00	12.00	2.00	1067	0.12	2.50	1067	0.085	91	1.50	44	1.0	4	0.12	
2	MRW	309	154+31.99	157+34.40	3.06	3.12	302	1	4.50	12.00	12.00	3.00	1058	0.12	2.50	1058	0.085	90	1.50	44	1.0	2	0.12	
2	MRW	309	157+34.40	162+64.11	3.12	3.22	530	1	3.50	12.00	12.00	6.00	1972	0.20	2.50	1972	0.085	168	1.50	82	1.0	4	0.20	
2	MRW	309	162+64.11	164+33.59	3.22	3.25	169	1	2.00	12.00	12.00	6.00	603	0.06	2.50	603	0.085	51	1.50	25	1.0	2	0.06	
2	MRW	309	164+33.59	166+01.24	3.25	3.28	168	1	2.50	12.00	12.00	5.50	596	0.06	2.50	596	0.085	51	1.50	25	1.0	2	0.06	
2	MRW	309	166+01.24	170+54.53	3.28	3.37	453	1	2.50	12.00	12.00	4.00	1536	0.18	2.50	1536	0.085	131	1.50	64	1.0	4	0.18	
2	MRW	309	170+54.53	173+81.84	3.37	3.43	327	1	3.00	12.00	12.00	4.00	1127	0.12	2.50	1127	0.085	96	1.50	47	1.0	4	0.12	
2	MRW	309	173+81.84	185+03.58	3.43	3.64	1,122	1	3.00	12.00	12.00	4.00	3864	0.42	2.50	3864	0.085	328	1.50	161	1.0	8	0.42	
2	MRW	309	185+03.58	187+04.06	3.64	3.68	200	1	4.00	12.00	12.00	4.00	713	0.08	2.50	713	0.085	61	1.50	30	1.0	2	0.08	
2	MRW	309	187+04.06	187+54.06	3.68	3.69	50	1 (TRANSITION)	5.00	12.00	12.00	4.50	186	0.02	2.00	186	0.085	16	1.50	8	1.0	2	0.02	
(SKIP STRUCTURE MRW-309-0371)																								
2	MRW	309	189+19.86	189+69.86	3.72	3.73	50	1 (TRANSITION)	3.00	12.00	12.00	3.00	167	0.02	2.00	167	0.085	14	1.50	7	1.0	2	0.02	
2	MRW	309	189+69.86	192+68.68	3.73	3.79	299	1	2.25	12.00	12.00	2.25	946	0.12	2.50	946	0.085	80	1.50	39	1.0	2	0.12	
2	MRW	309	192+68.68	203+80.80	3.79	4.00	1,112	1	2.50	12.00	12.00	2.50	3583	0.42	2.50	3583	0.085	305	1.50	149	1.0	8	0.42	
2	MRW	309	203+80.80	230+20.80	4.00	4.50	2,640	1	2.50	12.00	12.00	2.50	8507	1.00	2.50	8507	0.085	723	1.50	354	1.0	18	1.00	
2	MRW	309	230+20.80	237+22.57	4.50	4.63	702	1	5.00	12.00	12.00	4.00	2573	0.26	2.50	2573	0.085	219	1.50	107	1.0	6	0.26	
2	MRW	309	237+22.57	239+65.98	4.63	4.68	243	1	3.00	12.00	12.00	3.00	811	0.10	2.50	811	0.085	69	1.50	34	1.0	2	0.10	
2	MRW	309	239+65.98	243+40.80	4.68	4.75	375	1	3.00	12.00	12.00	3.00	1249	0.14	2.50	1249	0.085	106	1.50	52	1.0	4	0.14	
2	MRW	309	243+40.80	246+95.24	4.75	4.82	354	1	2.00	12.00	12.00	2.00	1103	0.14	2.50	1103	0.085	94	1.50	46	1.0	4	0.14	
2	MRW	309	246+95.24	247+45.24	4.82	4.83	50	1 (TRANSITION)	3.50	12.00	12.00	3.50	172	0.02	2.00	172	0.085	15	1.50	7	1.0	2	0.02	
(SKIP STRUCTURE MRW-309-0483)																								
2	MRW	309	247+94.34	248+44.34	4.84	4.85	50	1 (TRANSITION)	3.00	12.00	12.00	3.00	167	0.02	2.00	167	0.085	14	1.50	7	1.0	2	0.02	
2	MRW	309	248+44.34	250+20.95	4.85	4.88	177	1	6.00	12.00	12.00	3.00	648	0.06	2.50	648	0.085	55	1.50	27	1.0	2	0.06	
2	MRW	309	250+20.95	251+64.62	4.88	4.91	144	1	8.50	12.00	12.00	4.00	583	0.06	2.50	583	0.085	50	1.50	24	1.0	2	0.06	
LOCATION 3 MAINLINE PAVING																								
3	MRW	61	1209+76.24	1210+26.24	22.86	22.87	50	1 (TRANSITION)	2.50	12.00	12.00	2.50	161	0.02	2.00	161	0.085	14	1.50	7	1.0	2	0.02	
3	MRW	61	1210+26.24	1217+14.56	22.87	23.00	688	1	2.50	12.00	12.00	2.50	2218	0.26	2.50	2218	0.085	189	1.50	92	1.0	6	0.26	
3	MRW	61	1217+14.56	1225+85.21	23.00	23.16	871	1	2.50	12.00	12.00	2.50	2805	0.32	2.50	2805	0.085	238	1.50	117	1.0	6	0.32	
3	MRW	61	1225+85.21	1226+90.96	23.16	23.18	106	1 (INTERSECTION)	VAR	VAR	VAR	VAR	821	0.04	2.50	821	0.085	70	1.50	34	1.0	2	0.04	
3	MRW	61	1226+90.96	1230+45.12	23.18	23.25	354	1	10.50	12.00	12.00	7.00	1633	0.14	2.50	1633	0.085	139	1.50	68	1.0	4	0.14	
3	MRW	61	1230+45.12	1236+05.00	23.25	23.36	560	1	4.50	12.00	12.00	4.50	2053	0.22	2.50	2053	0.085	175	1.50	86	1.0	4	0.22	
3	MRW	61	1236+05.00	1236+55.00	23.36	23.37	50	1 (TRANSITION)	2.00	12.00	12.00	2.50	158	0.02	2.00	158	0.085	13	1.50	7	1.0	2	0.02	
(SKIP STRUCTURE MRW-61-2336)																								
3	MRW	61	1237+10.00	1237+60.00	23.38	23.39	50	1 (TRANSITION)	2.00	12.00	12.00	2.50	158	0.02	2.00	158	0.085	13	1.50	7	1.0	2	0.02	
3	MRW	61	1237+60.00	1243+65.12	23.39	23.50	605	1	3.00	12.00	12.00	3.00	2017	0.22	2.50	2017	0.085	171	1.50	84	1.0	4	0.22	
3	MRW	61	1243+65.12	1270+05.12	23.50	24.00	2,640	1	3.00	12.00	12.00	3.00	8800	1.00	2.50	8800	0.085	748	1.50	367	1.0	18	1.00	
3	MRW	61	1270+05.12	1283+83.61	24.00	24.26	1,378	1	3.00	12.00	12.00	4.00	4748	0.52	2.50	4748	0.085	404						