


SAN-412/590-8.86/6.56

MODEL: Sheet\_SurvFI\_PAPER SIZE: 17x11 (in.) DATE: 1/13/2025 TIME: 10:20:17 AM USER: dkasem1  
 p:\vhoboc-pw-bentley.com\shoboc-pw-02\Documents\01 Active Projects\Distict 02\Sandusky\Distict 02\Sandusky\Roadway\Sheets\92370\_GG001.dgn

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
			6	7	8	11	12	29	30	31	32	01/STR/05		EXT	TOTAL				
																	<b>ROADWAY</b>		
							935 98						935 98	202 202	30000 32000	935 98	SF FT	WALK REMOVED CURB REMOVED	
						327			18				345	203	10000	345	CY	EXCAVATION	
						231							231	203	20000	231	CY	EMBANKMENT	
						28							28	203	35110	28	CY	GRANULAR MATERIAL, TYPE B	
									18				18	203	35120	18	CY	GRANULAR MATERIAL, TYPE C	
													81	203	35130	81	CY	GRANULAR MATERIAL, TYPE D	
													24	209	60500	24	MILE	LINEAR GRADING	
													100	606	15050	100	FT	GUARDRAIL, TYPE MGS	
													75	606	17360	75	FT	GUARDRAIL, TYPE MGS, LONG-SPAN	
													4	606	26150	4	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
													935	608	52000	935	SF	CURB RAMP	
							104						104	608	53020	104	SF	DETECTABLE WARNING	
							98						98	609	26000	98	FT	CURB, TYPE 6	
																		<b>EROSION CONTROL</b>	
							10						10	601	32200	10	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
							100						100	659	00300	100	CY	TOPSOIL	
			5				896						901	659	10000	901	SY	SEEDING AND MULCHING	
							45						45	659	14000	45	SY	REPAIR SEEDING AND MULCHING	
							45						45	659	15000	45	SY	INTER-SEEDING	
													1	659	20000	1	TON	COMMERCIAL FERTILIZER	
													1	659	31000	1	ACRE	LIME	
													1	659	35000	1	MGAL	WATER	
							160						160	670	00720	160	SY	DITCH EROSION PROTECTION MAT, TYPE B	
													1,000	832	30000	1,000	EACH	EROSION CONTROL	
																		<b>DRAINAGE</b>	
							47						47	202	35100	47	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
									36				36	202	35200	36	FT	PIPE REMOVED, OVER 24" DIAMETER	
							2						2	202	58100	2	EACH	CATCH BASIN REMOVED	
									18				18	512	10050	18	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
									LS				LS	518	21220	LS		POROUS BACKFILL	
									15.2				15.2	602	20000	15.2	CY	CONCRETE MASONRY	
													25	611	01500	25	FT	6" CONDUIT, TYPE F	
													50	611	05100	50	FT	12" CONDUIT, TYPE E	
													25	611	05900	25	FT	15" CONDUIT, TYPE B	
													54	611	10400	54	FT	24" CONDUIT, TYPE B	
													44	611	53000	44	FT	38" X 60" CONDUIT, TYPE A, 706.04	
													2	611	98510	2	EACH	CATCH BASIN, NO. 2-3	
													12	611	98630	12	EACH	CATCH BASIN ADJUSTED TO GRADE	
			12										2	611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE	
																		<b>PAVEMENT</b>	
													21.9	209	72050	21.9	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING	
			3,419										3,419	253	02000	3,419	CY	PAVEMENT REPAIR	
							118,430	1,280					119,710	254	01000	119,710	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75"	
							52,095	540					52,635	254	01000	52,635	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	
							32						32	301	56000	32	CY	ASPHALT CONCRETE BASE, PG64-22, (449), 7"	
													34	304	20000	34	CY	AGGREGATE BASE, 6"	
							17,360	185					17,545	407	10000	17,545	GAL	TACK COAT	
							65						1,513	424	14001	1,513	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN, 1"	6
							26						2,921	441	10200	2,921	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), 2"	
													175	441	70500	175	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
													128	442	10000	5,886	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), 1.75"	
													108	442	90000	108	CY	ASPHALT CONCRETE, MISC..BUTT JOINTS INTERSECTIONS	12
													2,344	617	10100	2,344	CY	COMPACTED AGGREGATE	
													10,208	875	10000	10,208	LB	LONGITUDINAL JOINT ADHESIVE	

GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 DEK  
 REVIEWER  
 JMF 08/15/24  
 PROJECT ID  
 92370  
 SHEET TOTAL  
 P.9 | 33

REF NO.	SHEET NO.	STATION TO STATION		621	621	642	642	642	642	644	644	644	644	644								
				RPM	RAISED PAVEMENT MARKER REMOVED	EDGE LINE, 6", TYPE 1	CENTER LINE, TYPE 1, DASHED SOLID	CENTER LINE, TYPE 1, DOUBLE SOLID	CENTER LINE, TYPE 1, DASHED	TRANSVERSE/DIAGONAL LINE, WHITE	STOP LINE	PARKING LOT STALL MARKING	HANDICAP SYMBOL MARKING	CROSSWALK LINE, 12"								
				EACH	EACH	MILE	MILE	MILE	MILE	FT	FT	FT	EACH	FT								
SR-412																						
16		460+86.00	TO	505+50.00	56	56	1.69	0.45	0.09	0.30												
17		505+50.00	TO	507+89.00	3	3	0.09			0.05												
18		508+89.00	TO	551+50.00	53	53	1.61	0.08		0.75												
19		551+50.00	TO	611+50.00	75	75	2.27	0.21	0.17	0.78												
20		611+50.00	TO	649+50.00	48	48	1.44	0.34	0.13	0.14	12											
21		649+50.00	TO	655+50.00	8	8	0.23		0.11													
SR-590																						
29		347+40.00	TO	374+50.00	34	34	1.03	0.17	0.10	0.24												
30		374+50.00	TO	531+99.00	197	197	5.97	0.50	0.19	2.29												
31		534+77.00	TO	535+50.00	1	1	0.03	0.01														
32		535+50.00	TO	604+50.00	86	86	2.44	0.05		1.29												
33		604+50.00	TO	605+65.00	1	1				0.02												
34		607+34.00	TO	619+50.00	15	15		0.18		0.08												
35		619+50.00	TO	634+50.00	19	19		0.08	0.01	0.16	200		915	2	120							
36		634+50.00	TO	669+50.00	44	44	0.91	0.10	0.04	0.50					110							
37		669+50.00	TO	689+45.00	25	25	0.76	0.28	0.06	0.03												
38		692+02.00	TO	773+26.00	102	102	3.08		0.05	1.54												
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					766	766	21.54	2.46	0.96	8.18	200	12	915	2	230							

SUBSUMMARIES

REF NO.	SHEET NO.	STATION TO STATION		254	254	407	442			
				PAVEMENT PLANING, ASPHALT CONCRETE, 1.75"	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	TACK COAT	ASPHALT CONCRETE, MISC.: BUTT JOINTS INTERSECTIONS			
				SY	SY	GAL	CY			
INTERSECTIONS										
SR 412										
18		CR 302			45	6.3	3.8			
21		CR 306			155	21.7	12.9			
21		CR 310			45	6.3	3.8			
21		SR 101			295	41.3	24.6			
SR 590										
29		US 6			215	18.3	10.5			
36		NAPOLEON RD			165	14.0	8.0			
39		QUINSHAN RD			75	6.4	3.6			
42		CR 59			115	9.8	5.6			
43		CR 65			150	12.8	7.3			
44		CR 69			80	6.8	3.9			
44		SEILHEIMER RD.			225	19.1	10.9			
44		DEWEY ST.			185	15.7	9.0			
51		CR 131			70	6.0	3.4			
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					1280	540	185	108		

REF NO.	SHEET NO.	STATION		SIDE	202	202	608	608	609
					WALK REMOVED	CURB REMOVED	CURB RAMP	DETECTABLE WARNING	CURB, TYPE 6
					SF	FT	SF	SF	FT
CURB RAMPS									
CR-1	51	620+69.00		RT.	50	6	50	8	6
CR-2	51	620+92.00		RT.	50	6	50	8	6
CR-3	52	628+92.00		LT.	60	7	60	8	7
CR-4	52	630+00.00		LT.	60	6	60	8	6
CR-5	52	630+65.00		LT.	400	35	400	16	35
CR-6	52	634+80.00		LT.	60	7	60	8	7
CR-7	52	638+20.00		LT.	70	6	70	8	6
CR-8	52	638+60.00		LT.	75	10	75	16	10
CR-9	52	638+60.00		RT.	110	15	110	24	15
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>					935	98	935	104	98

DESIGN AGENCY



DESIGNER  
DEK

REVIEWER  
JMF 08/15/24

PROJECT ID  
92370

SHEET TOTAL  
P.12 | 33