

SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
8	22	23	55	56	57	58	59	60	61			02/S<2/ 05/NRWD	01/S>2/05						
																		ROADWAY	
222	4,639	793										5,654		202	30000	5,654	SF	WALK REMOVED	
115	618	109										842		202	32000	842	FT	CURB REMOVED	
222	1,755	345										2,322		608	12000	2,322	SF	5" CONCRETE WALK	
	2,900	499										3,399		608	52000	3,399	SF	CURB RAMP	
93	136	32										261		609	26000	261	FT	CURB, TYPE 6	
												LS		SPECIAL	69098400	LS		CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION	5
												1,000		832	30000	1,000	EACH	EROSION CONTROL	
																		DRAINAGE	
95												95		611	04400	95	FT	12" CONDUIT, TYPE B, RCP	
2												2		611	98150	2	EACH	CATCH BASIN, NO. 3	
3												3		611	98180	3	EACH	CATCH BASIN, NO. 3A	
												67		611	98630	67	EACH	CATCH BASIN ADJUSTED TO GRADE	4
	4											276		611	99654	276	EACH	MANHOLE ADJUSTED TO GRADE	4
																		PAVEMENT	
567.3												567.3		253	02000	567.3	CY	PAVEMENT REPAIR	4
9	50	8										67		253	02001	67	CY	PAVEMENT REPAIR, AS PER PLAN	3
82,629													82,629	254	01000	82,629	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3" DEPTH	
9,502												9,502		407	20000	9,502	GAL	NON-TRACKING TACK COAT	3
3,443												3,443		442	20000	3,443	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448)	3
3,443													3,443	442	20100	3,443	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448)	3
																		WATER WORK	
												127		638	10800	127	EACH	VALVE BOX ADJUSTED TO GRADE	
																		OTHER UTILITIES	
	2	1										3		SPECIAL	61199700	3	EACH	GAS VALVE BOX ADJUSTED TO GRADE	4
																		TRAFFIC CONTROL	
												108	428	621	00100	536	EACH	RPM	
													644	621	54000	644	EACH	RAISED PAVEMENT MARKER REMOVED	4
												48		630	02100	48	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
												32		630	79500	32	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
												86.4		630	80100	86.4	SF	SIGN, FLAT SHEET	
												2							
												2		630	84900	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
												1		630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
												57		630	87500	57	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	
		1										1		630	85100	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
												1		631	94490	1	EACH	REMOVAL, MISC.: SIGN FLASHER ASSEMBLY	61
				0.15									0.15	642	00200	0.15	MILE	LANE LINE, 4", TYPE 1	
			0.05										0.05	642	00300	0.05	MILE	CENTER LINE, TYPE 1	
				129									129	642	00400	129	FT	CHANNELIZING LINE, 8", TYPE 1	
				72									72	642	00500	72	FT	STOP LINE, TYPE 1	
					8								8	642	01300	8	EACH	LANE ARROW, TYPE 1	
													67	642	01500	67	FT	DOTTED LINE, 4", TYPE 1	
												2.28		644	00100	2.28	MILE	EDGE LINE, 4"	
				2.45								0.13	2.32	644	00200	2.45	MILE	LANE LINE, 4"	
												0.38	1.56	644	00300	1.89	MILE	CENTER LINE, DOUBLE YELLOW	
												0.55	0.06	644	00300	0.61	MILE	CENTER LINE,TWLT PROHIBITED LEFT	
												0.53	0.06	644	00300	0.59	MILE	CENTER LINE,TWLT PROHIBITED RIGHT	
												710	2,375	644	00400	3,085	FT	CHANNELIZING LINE, 8"	
												184	600	644	00500	784	FT	STOP LINE	
												1,709	3,918	644	00630	5,627	FT	CROSSWALK LINE, 24"	
												182	2,981	644	00700	3,163	FT	TRANSVERSE/DIAGONAL LINE, 24", YELLOW	
												1,093		644	00700	1,093	FT	TRANSVERSE/DIAGONAL LINE, 24", WHITE	
												36	772	644	00900	808	SF	ISLAND MARKING	
													716	644	01200	716	FT	PARKING LOT STALL MARKING	
				716								57	50	644	01300	107	EACH	LANE ARROW	
					107							8		644	01400	8	EACH	WORD ON PAVEMENT, 72"	

GENERAL SUMMARY

DESIGN AGENCY



PLAN PREPARED BY:
TEC Engineering, Inc.
7288 Central Park Blvd.
Mason, OH 45040

DESIGNER

AAH

REVIEWER

DGO 03/11/25

PROJECT ID

115747

SHEET

6

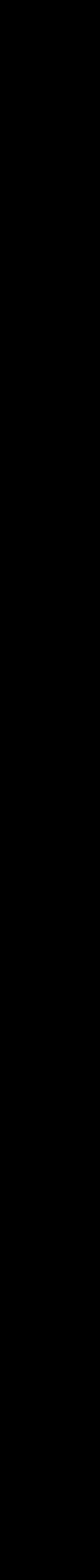
TOTAL

77

GENERAL SUMMARY	
 PLAN PREPARED BY: TEC Engineering, Inc. 7288 Central Paris Blvd. Mason, OH 45040	
DESIGNER	AAH
REVIEWER	DGO 03/11/25
PROJECT ID	115747
SHEET	TOTAL
7	77

[illegible]

SHEET NO.	REFERENCE NO.	STATION		SIDE	644			642	
					CENTER LINE	CENTERLINE, TWLT, PROH RIGHT	CENTERLINE, TWLT, PROH LEFT	CENTER LINE	
		FROM	TO		MILE	MILE	MILE	MILE	
62	CL1	253+34	255+37		0.04				
62	CL2	256+23	259+21		0.06				
62	CL3	260+81	262+83		0.02				
62	CL4	261+85	263+86		0.04				
63	CL5	265+43	268+67		0.06				
63	CL6	265+43	268+67		0.06				
63	CL7	269+27	273+68		0.08				
63	CL8	269+27	273+68		0.08				
64	CL9	274+28	276+07		0.03				
64	CL10	274+28	276+07		0.03				
64	CL11	276+66	277+06		0.01				
64	CL12	276+66	278+09		0.03				
64	CL13	278+98	282+09		0.06				
64	CL14	279+70	282+09		0.05				
64	CL15	282+61	283+26		0.01				
64	CL16	282+61	283+26		0.01				
65	CL17	283+79	285+44		0.03				
65	CL18	283+79	285+44		0.03				
65	CL19	286+01	286+78		0.01				
65	CL20	286+01	286+85		0.02				
65	CL21	288+19	289+19		0.02				
65	CL22	288+19	288+67		0.01				
65	CL23	289+87	291+32		0.03				
65	CL24	289+87	291+32		0.03				
65	CL25	292+31	295+79		0.07				
65	CL26	292+31	295+79		0.07				
66	CL27	296+39	298+35		0.04				
66	CL28	296+39	298+35		0.04				
66	CL29	299+00	299+62		0.01				
66	CL30	300+22	303+43						
66	CL31	300+22	303+43			0.06	0.06		
67	CL32	304+42	306+62		0.04				
67	CL33	305+42	307+62		0.04				
67	CL34	308+20	310+77		0.05				
67	CL35	312+08	316+17		0.08				
68	CL36	313+30	316+99		0.07				
68	CL37	317+79	319+46		0.03				
68	CL38	317+79	319+46		0.03				
68	CL39	320+30	322+98		0.05				
69	CL40	323+87	324+63		0.01			0.05	
69	CL41	325+28	327+72						
69	CL42	328+95	333+25		0.08				
69	CL43	332+45	333+25		0.02				
70	CL44	333+93	334+89		0.01				
70	CL45	334+40	334+89		0.01				
70	CL46	334+89	337+36			0.05			
70	CL47	334+89	337+36				0.05		
70	CL48	337+36	338+73		0.02				
70	CL49	337+36	338+73		0.02				
70	CL50	339+47	340+40		0.02				
70	CL51	339+47	340+40		0.02				
70	CL52	340+78	342+36		0.03				
70	CL53	341+87	342+36		0.02				
70	CL54	342+36	344+28			0.03			
70	CL55	342+36	344+28				0.04		
71	CL56	344+98	347+05			0.04			
71	CL57	344+98	347+05				0.04		
71	CL58	347+59	349+40			0.03			
71	CL59	347+59	349+40				0.03		
TOTALS CARRIED TO GENERAL SUMMARY					1.72	0.21	0.22	0.05	



SHEET NO.	REFERENCE NO.	STATION		SIDE	644					
					CENTER LINE	CENTERLINE, TWLT, PROH RIGHT	CENTERLINE, TWLT, PROH LEFT	DOTTED LINE, 4", YELLOW	DOTTED LINE 4", WHITE	
		FROM	TO		MILE	MILE	MILE	FEET	FEET	
71	CL60	349+40	351+00		0.03					
71	CL61	349+40	349+90		0.01					
71	CL62	351+92	353+56		0.03					
72	CL63	353+06	353+56		0.01					
72	CL64	353+56	355+23			0.03				
72	CL65	353+56	355+23				0.03			
72	CL66	355+82	359+21			0.06				
72	CL67	355+82	359+21				0.06			
72	CL68	359+21	361+13		0.04					
72	CL69	359+21	359+81		0.01					
72	CL70	361+69	365+19			0.06				
72	CL71	361+69	365+19				0.06			
73	CL72	365+84	368+33			0.05				
73	CL73	365+84	368+33				0.06			
73	CL74	368+91	369+98			0.02				
73	CL75	368+91	369+98				0.02			
73	CL76	369+98	371+58		0.03					
73	CL77	369+98	370+48		0.01					
73	CL78	372+44	376+14			0.07				
73	CL79	372+41	376+14				0.07			
74	CL80	376+49	378+50			0.04				
74	CL81	376+49	378+49				0.04			
74	CL82	379+12	382+00			0.05				
74	CL83	379+12	382+00				0.05			
67	CL84	311+58	311+60		0.00					
66	DL1	286+78	288+13	L				270		
66	DL2	299+50	300+05	L					55	
	DL3	NOT USED								
70	DL4	335+20	336+20	R					100	
69	DL5	325+68	326+54						86	
	DL6	NOT USED								
70	DL7	338+54	338+83	L					40	
	DL8	NOT USED		L						
69	DL9	340+78	341+43	R					45	
69	DL10	NOT USED		R						
71	DL11	344+28	344+97	R					69	
71	DL12	344+28	344+95	R					67	
71	DL13	351+11	351+73	L					63	
71	DL14	351+11	351+73	L					63	
71	DL15	351+33	351+79	R					46	
71	DL16	351+33	351+79	R					46	
72	DL17	355+17	355+69	R					52	
72	DL18	355+17	355+69	R					52	
72	DL19	361+13	361+54	R					43	
72	DL20	361+13	361+54	R					43	
73	DL21	365+32	365+84	R					52	
73	DL22	365+32	365+84	R					52	
73	DL23	368+33	368+90	R					58	
73	DL24	368+33	368+90	R					58	
73	DL25	371+58	372+28	L					68	
73	DL26	371+58	372+24	R					67	
74	DL27	376+14	376+49	R					36	
74	DL28	376+14	376+49	R					36	
74	DL29	378+74	379+12	L					38	
74	DL30	378+74	379+12	L					38	
74	DL31	378+71	379+12	R					41	
74	DL32	378+71	379+12	R					41	
TOTALS CARRIED TO GENERAL SUMMARY					0.17	0.38	0.39	270	1455	

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY

PLAN PREPARED BY:
TEC Engineering, Inc.
7286 Central Park Blvd.
Mason, OH 45040

DESIGNER
EAS

REVIEWER
DGO 03/11/25

PROJECT ID
115747

SHEET 55 | TOTAL 77

HAM-US22-4.807

MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 3/17/2025 TIME: 4:17:35 PM USER: ahlautman
 110.11.4\projects\2022 Projects\22039 JMA Consultants\007 Urban Paving - US 22 Norwood\22039-007-Engineering\Traffic\Sheets\22039-007_TSO07.dgn

SHEET NO.	REFERENCE NO.	STATION	SIDE	630						631
				GROUND MOUNTED SUPPORT, NO. 2 POST	SIGN, FLAT SHEET	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	REMOVAL MISC.: SIGN FLASHER ASSEMBLY
70	SN-1	335+84.3	R		6.3	1				
70	SN-2	336+66.1	R					1		
70	SN-3	337+46.6	R		4.3	2				
70	SN-4	340+16.2	R		3.0	1				
70	SN-5	341+34.2	L					1		
70	SN-6	342+05.5	L		1.5	1		1		
70	SN-7	342+05.2	R		1.5	1		1		
71	SN-8	343+18.3	R					1		
71	SN-9	343+46.7	L		7.0	2		1		
71	SN-10	344+19.1	R					1		
71	SN-11	344+97.3	L					1		
71	SN-12	345+46.0	R					1		
71	SN-13	345+79.7	L		7.0	2				
71	SN-14	346+39.4	L	12	1.5					
71	SN-15	346+43.0	R	12	1.5		1			
71	SN-16	346+73.0	L					1		
71	SN-17	346+61.5	R					1		
71	SN-18	347+28.9	R		1.5	1		1		
71	SN-19	347+76.0	R					1		
71	SN-20	347+76.0	L		1.5	1		2		
71	SN-21	348+32.9	R				1		1	
71	SN-22	NOT USED								
71	SN-23	348+81.3	L					1		
71	SN-24	349+58.2	L					1		
71	SN-25	350+08.3	R					1		
71	SN-26	350+44.1	L		7.0	2		1		
71	SN-27	351+13.3	R					1		
71	SN-28	352+50.9	R					1		
71	SN-29	352+62.2	L					1		
72	SN-30	353+35.0	L	12	1.5					
72	SN-31	353+42.2	R					1		
72	SN-32	353+48.6	L					1		
72	SN-33	354+19.9	L		7.0	2		1		
72	SN-34	354+61.3	R					1		
72	SN-35	356+51.8	R		1.5	1		1		
72	SN-36	357+28.1	L		7.0	2		1		
72	SN-37	357+40.84	R					1		
72	SN-38	358+03.3	L					1		1
72	SN-39	358+72.4	R					1		
72	SN-40	358+81.0	L					1		
72	SN-41	359+62.6	R					1		
72	SN-42	359+91.4	R					1		
72	SN-43	360+33.6	L		7.0	2		1		
72	SN-44	362+29.7	L					1		
73	SN-45	363+04.7	L		6.8	4		1		
73	SN-46	363+23.2	R					1		
73	SN-47	364+22.6	R					1		
73	SN-48	364+27.5	L		1.5	1		1		
73	SN-49	365+23.1	L		1.5	1		1		
73	SN-50	365+86.4	L		1.5	1		1		
73	SN-51	367+37.7	R					1		
73	SN-52	367+72.0	L		1.5	1		1		
73	SN-53	368+13.3	R					1		
73	SN-54	369+20.3	L		1.5	1		1		
73	SN-55	370+25.9	L		1.5	1		1		
73	SN-56	370+31.9	R					1		
73	SN-57	370+98.0	R					1		
TOTALS CARRIED TO GENERAL SUMMARY				36	83.4	31	2	49	1	1

[illegible]

SIGNAGE SUBSUMMARY

DESIGN AGENCY  PLAN PREPARED BY: TEL Engineering, Inc. 7288 Central Park Blvd. Mission, CA 95460	
DESIGNER AAH	
REVIEWER DGO 03/11/25	
PROJECT ID 115747	
SHEET 61	TOTAL 77