


NOTES	SHEET NUMBER						PARTICIPATION			ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
	11	12	13	14	01/IMS/OT	02/S>2/OT	03/NHS/OT								
LS					LS				201	11000	LS	-	ROADWAY CLEARING AND GRUBBING		
	540				540				202	30701	540	FT	CONCRETE BARRIER REMOVED, AS PER PLAN	5	
	50				50				202	38000	50	FT	GUARDRAIL REMOVED		
		1							202	42010	1	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E		
	50				50				606	13050	50	FT	GUARDRAIL, TYPE 5A		
		125							606	15050	125	FT	GUARDRAIL, TYPE MGS		
		1							606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E		
750					750				622	41100	750	FT	PORTABLE BARRIER, UNANCHORED		
	540				540				622	90000	540	FT	BARRIER, MISC.: TYPE D BARRIER PER RM-4.3M (10/21/1997)	4	
1000	636	516	372		425	2425	500	24	SPECIAL	69098100	2949	FT	TREE TRIMMING	4	
													TRAFFIC CONTROL		
		1							620	11000	1	EACH	DELINEATOR, BRACKET MOUNTED		
	11								625	32000	11	EACH	GROUND ROD		
500.0			3279.8		2017.4	3623.0	2006.4	167.8	630	03100	5797.2	FT	GROUND MOUNTED SUPPORT, NO. 3 POST		
			431.5		390.4	629.5	192.4		630	04100	821.9	FT	GROUND MOUNTED SUPPORT, NO. 4 POST		
		342.3				342.3			630	06400	342.3	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7		
		197.9				101.9	96.0		630	06500	197.9	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9		
		82.0					82.0		630	07600	82.0	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12		
100.0			61.0			100.0	61.0		630	08004	161.0	FT	ONE WAY SUPPORT, NO. 3 POST		
			31		104	62	73		630	08600	135	EACH	SIGN POST REFLECTOR		
		36				26	10		630	09000	36	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION		
	1						1		630	72330	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10		
	4					4			630	72340	4	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12		
	3					3			630	72410	3	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1		
	3					3			630	72420	3	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2		
	202					169	33		630	75000	202	EACH	SIGN ATTACHMENT ASSEMBLY		
10			4			14			630	79611	14	EACH	SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED, AS PER PLAN	5	
500.0		71.4	2744.8		1115.5	3043.3	1309.3	79.1	630	80100	4431.7	SF	SIGN, FLAT SHEET		
		1448.0	98.0			968.0	434.0	144.0	630	80200	1546.0	SF	SIGN, GROUND MOUNTED EXTRUSHEET		
	13609.5					12536.5	1073.0		630	80224	13609.5	SF	SIGN, OVERHEAD EXTRUSHEET		
	56	32				56	30	2	630	82000	88	EACH	SIGN BACKING ASSEMBLY		
	5					5			630	84011	5	EACH	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50, AS PER PLAN	4	
		36				26	10		630	84500	36	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION		
	12					11	1		630	84510	12	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION		
		9	207		37	147	89	17	630	84900	253	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		
			7			1	6		630	85100	7	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION		
		36				22	8	6	630	85400	36	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL		
		5	220		68	184	98	11	630	86002	293	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL		
		22	10			26	6		630	86102	32	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL		
	2						2		630	86310	2	EACH	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL		
	136					122	14		630	87400	136	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL		
	6					6			630	89706	6	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30		
	4					4			630	89802	4	EACH	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65		
10			4			14			630	89902	14	EACH	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM : SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED	5	
			76			76			630	89902	76	EACH	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM : BARRIER MOUNTED SIGN AND DISPOSAL	5	
10						10			630	97700	10	EACH	SIGNING, MISC.: FOUNDATION TEST HOLE	5	
65.0			247.0			312.0			630	97900	312.0	FT	SIGNING, MISC.: 1-3/4" x 1-3/4 x 78" GALVANIZED. 12 GAUGE PERFORATED SQUARE STEEL TUBING	5	
													MAINTENANCE OF TRAFFIC		
360						360			614	11110	360	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
5						5			614	12380	5	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)		
15						15			614	13310	15	EACH	BARRIER REFLECTOR, TYPE 1		
15						15			614	13350	15	EACH	OBJECT MARKER, ONE WAY		
36						36			614	18601	36	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	7	

DESIGN AGENCY  
  
 CHAGRIN VALLEY  
 ENGINEERING, LTD.  
 22999 FORBES ROAD, SUITE B  
 CLEVELAND, OHIO 44146  
 www.gve.com

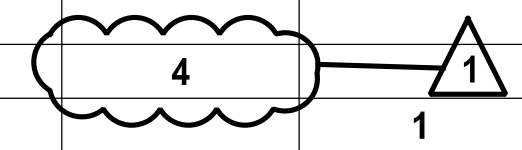
DESIGNER  
 SDK

REVIEWER  
 JTS 09/29/22


PROJECT ID  
 105503

SHEET TOTAL  
 9 59

SHEET NO.	ROUTE	202	202	606	622	SPECIAL	625	630	630	630	630	630	630	630	630	630	630	630	630	
		CONCRETE BARRIER REMOVED, AS PER PLAN	GUARDRAIL REMOVED	GUARDRAIL, TYPE 5A	BARRIER, MISC.: TYPE D BARRIER PER RM-4.3M (10/21/1997)	TREE TRIMMING	GROUND ROD	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2	SIGN ATTACHMENT ASSEMBLY	SIGN, OVERHEAD EXTRUSHEET	SIGN BACKING ASSEMBLY	CONCRETE BARRIER MEDIUM OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50, AS PER PLAN	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65
		FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	SF	EACH	EACH	EACH	EACH	EACH	EACH	
15	I-275		50	50		492	4		4				133	8606.0	39	4	1	84	4	
16	REED HARTMAN HIGHWAY AND RAMPS												18	568.0				7		
17	I-71 AND RAMPS	540			540	144	6		3	3			36	3930.5	17	5	7	38	2	4
18	US-22 AMD RAMPS												8	256.0				4		
19	LOVELAND MADEIRA AND RAMPS						1	1					7	249.0			1	1	3	
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>		540	50	50	540	636	11	1	4	3	3	202	13609.5	56	5	12	2	136	6	4



OVERHEAD SIGN SUBSUMMARY

DESIGN AGENCY  
  
 CHAGRIN VALLEY ENGINEERING, LTD.  
 22999 FORBES ROAD, SUITE B  
 CLEVELAND, OHIO 44146  
 www.gveallied.com

DESIGNER  
 SDK

REVIEWER  
 JTS 09/29/22

PROJECT ID  
 105503

SHEET TOTAL  
 11 59

