

O:\2019\2019055\WED\107578\Design\Roadway\Sheets\107578_GG001.dwg 14-Feb-22 9:11 AM

SHEET NUMBER								PARTICIPATION		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
67	68	69	70	71	81	02/SAF /PV	03/SAF /OT								
													LIGHTING		
								16	625	00450	16	EACH	CONNECTION, FUSED PULL APART		
								8	625	00460	8	EACH	CONNECTION, UNFUSED PULL APART		
								8	625	10491	8	EACH	LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT15B25	80	
								8	625	14000	8	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP		
								5597	625	23302	5597	FT	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE		
								960	625	23400	960	FT	NO. 10 AWG POLE AND BRACKET CABLE		
								559	625	25400	559	FT	CONDUIT, 2", 725.04		
								627	625	25500	627	FT	CONDUIT, 3", 725.04		
								1186	625	29000	1186	FT	TRENCH		
								5	625	30700	5	EACH	PULL BOX, 725.08, 18"		
								5	625	30706	5	EACH	PULL BOX, 725.08, 24"		
								1	625	30720	1	EACH	PULL BOX, 725.08, 36"		
								10	625	32000	10	EACH	GROUND ROD		
								1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	80	
								1186	625	36010	1186	FT	UNDERGROUND WARNING/MARKING TAPE		
								5	625	98000	5	EACH	LIGHTING, MISC.: LANDSCAPING OUTLET	80	
								61	632	69900	61	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG		
													LIGHTING ALTERNATES		
								8	625	26253	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000-17,000 LUMENS (ALTERNATE 1)	80	
								8	625	26253	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000-17,000 LUMENS (ALTERNATE 2)	80	
													TRAFFIC CONTROL		
								183	621	00100	183	EACH	RPM		
								36	621	54000	36	EACH	RAISED PAVEMENT MARKER REMOVED		
								245.4	630	02100	376.6	FT	GROUND MOUNTED SUPPORT, NO. 2 POST		
								114.4	630	03100	300.9	EACH	GROUND MOUNTED SUPPORT, NO. 3 POST		
								9	630	08600	12	EACH	SIGN POST REFLECTOR		
								156.0	630	80100	320.8	SF	SIGNS, FLAT SHEET		
								8	630	84900	17	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		
								1	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION		
								6	630	86002	16	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL		
								2	630	87400	2	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL		
								3	630	87500	6	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL		
								1	630	89812	2	EACH	REMOVAL OF WOODEN POLE AND DISPOSAL		
								1	632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	67	
								0.88	644	00104	2.14	MILE	EDGE LINE, 6"		
								0.27	644	00300	0.89	MILE	CENTER LINE		
								100	644	00700	410	FT	TRANSVERSE/DIAGONAL LINE		
								260	644	01520	260	FT	DOTTED LINE, 12"		
								77	644	20800	77	FT	YIELD LINE		
								1.49	644	30030	1.49	MILE	REMOVAL OF PAVEMENT MARKING		
								44	644	50300	86	FT	PAVEMENT MARKING, MISC.: ISLAND CURB REFLECTOR	67	
													MAINTENANCE OF TRAFFIC		
								LS	614	12420	LS		DETOUR SIGNING		
													INCIDENTALS		
								LS	614	11000	LS		MAINTAINING TRAFFIC		
								6	619	16010	6	MNTH	FIELD OFFICE, TYPE B		
								LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING		
								LS	624	10000	LS		MOBILIZATION		

GENERAL SUMMARY

MED - 57 - 1.48

REV. NO.	INITIALS	DATE	DESCRIPTION
1	DSM	12/10/21	GENERAL SUMMARY UPDATES
3	DLS	1/14/22	UPDATE ROUNDABOUT RPM
4	KMG	2/14/22	QUANTITY UPDATES

25
88

ITEM 625 - LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000 - 17,000 LUMENS (ALTERNATE 1)

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION SPECIFICATIONS, LUMINAIRE FOR CONVENTIONAL LIGHTING SHALL BE LED, TYPE III, MVOLT, 4000K COLOR TEMPERATURE, HAVE AN OUTPUT BETWEEN 15,000-17,000 LUMENS AND A 1050 MA DRIVE CURRENT.

THE LUMINAIRE HOUSING AND ATTACHMENT HARDWARE SHALL HAVE A SEMI-GLOSS BLACK FINISH (FEDERAL COLOR 27038) AND BE PAINTED IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 916.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER C&MS ITEM 625 - LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000-17,000 LUMENS (ALTERNATE 1) FOR EACH LUMINAIRE INSTALLED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625 - LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000 - 17,000 LUMENS (ALTERNATE 2)

IN ADDITION TO THE BASE BID ITEM THE LUMINAIRE SHALL BE AN AUTOBAHN ATB-2 AS MANUFACTURED BY AMERICAN ELECTRIC LIGHTING.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER C&MS ITEM 625 - LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000-17,000 LUMENS (ALTERNATE 2) FOR EACH LUMINAIRE INSTALLED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625 - POWER SERVICE, AS PER PLAN

POWER SERVICE SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN C&MS 625.15 AND 725.19. ELECTRIC POWER SHALL BE OBTAINED FROM THE CITY OF WADSWORTH AT THE LOCATION INDICATED IN THE PLANS. THE POWER SERVICE SHALL BE GROUND MOUNTED WITH THE METER BASE AND DISCONNECT SWITCH HOUSED IN AN ALUMINUM CABINET ENCLOSURE. DISCONNECT SWITCH ENCLOSURES FURNISHED SHALL INCLUDE A PADLOCK EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNON 660, WITH LOCK BODY OF BRONZE OR BRASS AND KEYING SHALL BE TO THE STATE MASTER. THE CABINET SHALL BE POWDER COATED BLACK IN COLOR TO MEET FEDERAL SPECIFICATION 595B AND CONFORM TO COLOR NO. 27038. A SERVICE PANEL TO ACCESS THE LIGHTING DISCONNECT SHALL BE PROVIDED.

THE CONTRACTOR SHALL COORDINATE RELATED WORK WITH THE CITY OF WADSWORTH, WHO WILL MAKE THE ELECTRICAL SERVICE CONNECTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR SPLICE THE POWER CABLE INTO THE CITY OF WADSWORTH CIRCUITRY. ANY FEES ASSOCIATED WITH OBTAINING POWER SHALL BE RESPONSIBILITY OF THE CONTRACTOR. POWER SUPPLIED SHALL BE 240 VOLTS.

THE COST FOR ALL NECESSARY ITEMS AND ASSOCIATED LABOR SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR ITEM 625 - POWER SERVICE, AS PER PLAN.

ITEM 625 - LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT15B25

IN ADDITION TO C&MS 725.21, THE LIGHTING EQUIPMENT SHALL HAVE A SEMI-GLOSS BLACK FINISH (FEDERAL COLOR 27038) AND BE PAINTED IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 916.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID AND SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625 - LIGHTING, MISC.: LANDSCAPING OUTLET

THE CONTRACTOR SHALL FURNISH AND INSTALL A GROUND-MOUNTED, WEATHER-RESISTANT 120 VOLT, 20 AMP DUPLEX GFCI RECEPTACLE AND ASSOCIATED MOUNTING EQUIPMENT AT THE LOCATIONS INDICATED IN THE PLANS. THE RECEPTACLE SHALL BE MOUNTED IN A WEATHERPROOF OUTDOOR CONNECTION BOX LOCATED A MINIMUM OF 6" ABOVE FINISH GRADE. THE RECEPTACLE SHALL BE BLACK IN COLOR AND INCLUDE A LOCKABLE, WEATHERPROOF WHILE IN-USE COVER. ALL RECEPTACLES SHALL BE LISTED AND LABELED FOR NO. 10 AWG TERMINATION.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID AND SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO PERFORM THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

4

REV. NO.	INITIALS	DATE	DESCRIPTION
4	KMG	2/14/22	QUANTITY UPDATES

LIGHTING NOTES

MED-57-1.48

80

88

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REF. NO.	SHEET NO.	STATION		SIDE	625				625													632		
		FROM	TO		CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PULL APART	LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT15B25	LIGHT POLE FOUNDATION, 24" X 6' DEEP	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	CONDUIT, 2", 725.04	CONDUIT, 3", 725.04	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 15,000-17,000 LUMENS	TRENCH	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	PULL BOX, 725.08, 36"	GROUND ROD	POWER SERVICE, AS PER PLAN	UNDERGROUND WARNING/MARKING TAPE	LIGHTING, MISC.: LANDSCAPING OUTLET	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG		
					EACH	EACH	EACH	EACH	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT	EACH	FT		
1	82	19+26.0		LT	2	1	1	1																
2	82	19+18.4	19+26.0	LT					142.5	120														
3	82	19+18.4		LT							40										40			
4	82	19+18.4	19+59.4	LT					324			44									44			
5	82	19+59.4		LT											1									
6	82	19+59.4	19+60.1	LT					57		2										2			
7	82	19+60.1		LT																		1		
8	82	19+11.7	19+59.4	LT					190.5	120		61									61			
9	82	19+11.7		LT	2	1	1	1																
10	82	19+00.0	19+11.7	LT					79.5		19										19			
11	82	19+00.0		LT																		1		
12	82	19+01.8	19+00.0	LT/RT					393			126									126			
13	82	18+14.2		RT																		1		
14	82	18+14.0	18+14.2	RT					27		2										2			
15	82	18+14.0		RT																				
16	82	18+05.3	18+14.0	RT					198			28			1						28			
17	82	18+05.3		RT																				
18	82	17+86.6	18+05.3	RT					100.5	120	21					1					21			
19	82	17+86.6		RT	2	1	1	1																
20	82	18+05.3	18+76.2	RT					223.5	120	72										72			
21	82	18+76.2		RT	2	1	1	1																
22	82	18+76.2	19+01.8	RT					136.5		38										38			
23	82	18+83.3	18+88.2	RT							6										6			
24	82	18+88.2		RT																		61		
25	82	18+88.2	19+01.8	RT					502.5			16									16			
26	82	19+01.8		RT																				
27	82	19+01.8	19+48.0	RT					207			64									64			
28	82	19+48.0	19+49.9	RT					76.5		13										13			
29	82	19+48.0		RT																				
30	82	19+01.8	19+48.6	RT					360			55									55			
31	82	19+48.6		RT																				
32	82	19+48.6	19+51.2	RT					63		3										3			
33	82	19+51.2		RT																		1		
34	82	20+29.3		LT																				
35	82	20+29.3	20+36.0	LT					64.5	120	9										9			
36	82	20+36.0		LT	2	1	1	1																
37	82	20+22.2	20+29.3	LT/RT					348			111									111			
38	82	20+36.0	21+63.5	LT					420	120	130										130			
39	82	21+63.5		LT	2	1	1	1																
40	82	19+53.1		RT																				
41	82	19+49.9	19+53.1	RT					34.5		4										4			
42	82	20+54.0		RT																				
43	82	20+53.8	20+54.0	RT					57		2										2			
44	82	20+53.8		RT																		1		
45	82	20+22.2	20+53.8	RT					408			63									63			
46	82	20+22.2		RT																				
47	82	20+22.2	20+07.8	RT					82.5		20										20			
48	82	20+07.8		RT	2	1	1	1																
49	82	19+01.8	20+22.2	RT					720	120		120									120			
50	82	20+01.6	20+07.8	RT					381		117										117			
51	82	201+01.6		RT	2	1	1	1																
TOTALS CARRIED TO GENERAL SUMMARY					16	8	8	8	5597	960	559	627		1186	5	5	1	2	1	1186	5	61		

REV. NO. 4	INITIALS KMG	DATE 2/14/22	DESCRIPTION QUANTITY UPDATES
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LIGHTING SUBSUMMARY

CALCULATED
BEB
CHECKED
KMG