



W:\Projects\Projects\K-08\ODOT\074\10476\Design\Signal\Sheet\10476\_CS001.dgn 11/24/2020 10:02:17 AM

SHEET NUM.														ITEM	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
			19		22													
			4		4									625	8	EACH	CONNECTION, FUSED PULL APART	
			1		1									625	2	EACH	CONNECTION, UNFUSED PERMANENT	
			4		4									625	8	EACH	BRACKET ARM, 15'	
			403		320									625	723	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
			228		228									625	456	FT	NO. 10 AWG POLE AND BRACKET CABLE	
			166		46									625	212	FT	CONDUIT, 3", 725.05	
			197		159									625	356	FT	CONDUIT, JACKED OR DRILLED, 725.04, 4"	
			126		32									625	158	FT	TRENCH	
			4		3									625	7	EACH	PULL BOX, 725.08, 18"	
			1		1									625	2	EACH	PULL BOX, 725.08, 24"	
			5		5									625	10	EACH	GROUND ROD	
			1		1									625	2	EACH	POWER SERVICE, AS PER PLAN	18
			126		32									625	158	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	17
			2											625	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET, UPS ENCLOSURE; CHESTNUT ST. AND MAIN ST.	
					2									625	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET UPS ENCLOSURE; CHESTNUT ST. AND SOUTH ST.	17
			8		8									632	16	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK	17
			8		8									632	16	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	17
			8		8									632	16	EACH	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN	18
					4									632	4	EACH	PEDESTRIAN PUSHBUTTON	
					64									632	64	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
			851		735									632	1,586	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
			597											632	597	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
					348									632	348	FT	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG	
			4		4									632	8	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	17
			3											632	3	EACH	PEDESTAL FOUNDATION	
			75		46									632	121	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	
			94		24									632	118	FT	SERVICE CABLE, 2 CONDUCTOR, NO. 6 AWG	
			1		1									632	2	EACH	POWER SERVICE, AS PER PLAN	18
			1		1									632	2	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
			1		1									633	2	EACH	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY	
			1		1									633	2	EACH	CABINET, TYPE TS-2	
			1		1									633	2	EACH	CABINET FOUNDATION	
			1		1									633	2	EACH	COMMUNICATIONS, AS PER PLAN	18
			1		1									633	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	17
			4		4									809	8	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	17
			1		1									809	2	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	17
																	<b>TRAFFIC SIGNALS ALTERNATES</b>	
			4		4									625	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 200W (ALTERNATE 1)	
			4		4									632	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22, DESIGN 2 (WITH LIGHT POLE EXTENSION), AS PER PLAN (ALTERNATE 1)	17
			3											632	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (ALTERNATE 1)	17
			4		4									625	8	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (UM NL 118) (ALTERNATE 2)	17
			4		4									632	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22, DESIGN 2 (WITH LIGHT POLE EXTENSION), AS PER PLAN (UNION METAL 16 FLUTE) (ALTERNATE 2)	17
			3											632	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (UNION METAL 16 FLUTE) (ALTERNATE 2)	

CALCULATED KDB CHECKED JMH	LIGHTING AND TRAFFIC SIGNAL SUB-SUMMARY	BEL -147 -4.90
15 25		