

LOR-83-2.48

MODEL: Sheet 2 PAPER SIZE: 11x17 (in.) DATE: 3/14/2022 TIME: 7:52:19 AM USER: michael.j.thompson
pw:\aecom-na-pw\benfley.com\AECOM\DS16.NA\Documents\60608709-LOR-83-255\09455-LOR-83-255\400-Engineering\Roadway\Sheets\09455_G001.dgn

SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	P.125		P.137	P.140		P.147		P.150			01/SAF/OT	02/STR/OT						
WATER WORK																		
	115											115	638	06600	115	FT	14" STEEL PIPE ENCASEMENT, OPEN CUT	
	1,674											1,674	638	20420	1,674	FT	SPECIAL - 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (RLCWA), BACKFILL METHOD A OR B	
	115											115	638	20420	115	FT	SPECIAL - 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (RLCWA), BACKFILL METHOD C	
	1											1	638	20746	1	EACH	SPECIAL - 2" AIR RELEASE VALVE WITH VALVE BOX (RLCWA)	
	359											359	638	98600	359	FT	WATER WORK, MISC.: 8" WATER MAIN HDPE PIPE AND FITTINGS (RLCWA)	
LIGHTING																		
						32						32	625	00450	32	EACH	CONNECTION, FUSED PULL APART	
						15						15	625	00480	15	EACH	CONNECTION, UNFUSED PERMANENT	
						1						1	625	10490	1	EACH	LIGHT POLE, CONVENTIONAL, AT6B40	
						11						11	625	10490	11	EACH	LIGHT POLE, CONVENTIONAL, AT8B40	
						3						3	625	10490	3	EACH	LIGHT POLE, CONVENTIONAL, AT12B40	
						1						1	625	10490	1	EACH	LIGHT POLE, CONVENTIONAL, AT18B40	
						16						16	625	14100	16	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
						4,971						4,971	625	23302	4,971	FT	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	
						1,576						1,576	625	23400	1,576	FT	NO. 10 AWG POLE AND BRACKET CABLE	
						1,361						1,361	625	25300	1,361	FT	CONDUIT, 1-1/2", 725.04	
						18						18	625	25500	18	FT	CONDUIT, 3", 725.04	
						488						488	625	25902	488	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"	
						16						16	625	26253	16	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 240 VOLT	P.146
						1,379						1,379	625	29000	1,379	FT	TRENCH	
						3						3	625	30700	3	EACH	PULL BOX, 725.08, 18"	
						5						5	625	30706	5	EACH	PULL BOX, 725.08, 24"	
						16						16	625	32000	16	EACH	GROUND ROD	
						1						1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	P.146
						1,379						1,379	625	36010	1,379	FT	UNDERGROUND WARNING/MARKING TAPE	
						1						1	625	75401	1	EACH	LIGHT POLE REMOVED, AS PER PLAN	P.148
						1						1	625	75500	1	EACH	LIGHT POLE FOUNDATION REMOVED	
						1						1	625	75506	1	EACH	LUMINAIRE REMOVED	
						2						2	625	75800	2	EACH	DISCONNECT CIRCUIT	
						1						1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL (SR 83/SR 303)	
TRAFFIC CONTROL																		
						134						134	621	00100	134	EACH	RPM	
						45						45	621	54000	45	EACH	RAISED PAVEMENT MARKER REMOVED	
				1,161								1,161	630	03100	1,161	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				12								12	630	08600	12	EACH	SIGN POST REFLECTOR	
				610.2								610.2	630	80100	610.2	SF	SIGN, FLAT SHEET	
				80								80	630	84900	80	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				2								2	630	85100	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				45								45	630	86002	45	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				0.3								0.3	644	00300	0.3	MILE	CENTER LINE	
				0.69								0.69	644	00104	0.69	MILE	EDGE LINE, 6"	
				255								255	644	00700	255	FT	TRANSVERSE/DIAGONAL LINE	
				174								174	644	01510	174	FT	DOTTED LINE, 6"	
				96								96	644	20800	96	FT	YIELD LINE	
LANDSCAPING																		
								16				16	661	19000	16	EACH	DECIDUOUS SHRUB, 12" HEIGHT, POTENTILLA FRUITICOSA	
								16				16	661	19000	16	EACH	DECIDUOUS SHRUB, 12" HEIGHT, SPIREA ABLIFLORA	
								18				18	661	50100	18	EACH	EVERGREEN TREE, 5' HEIGHT, JUNIPERUS CHINESIS "IOWA"	
								4				4	662	30000	4	MGAL	LANDSCAPE WATERING	
								568				568	690	12000	568	SY	SPECIAL - FILTER FABRIC	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
JNR

REVIEWER
JES 11-16-20

PROJECT ID
109455

SHEET TOTAL
P.23 | P.163

REF NO.	ROADWAY	STATION TO STATION				625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625			
						CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PERMANENT	LIGHT POLE, CONVENTIONAL, AT8B40	LIGHT POLE, CONVENTIONAL, AT8B40	LIGHT POLE, CONVENTIONAL, AT12B40	LIGHT POLE, CONVENTIONAL, AT18B40	LIGHT POLE FOUNDATION, 24" X 8" DEEP	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	CONDUIT, 1-1/2", 725.04	CONDUIT, 3", 725.04	CONDUIT, JACKED OR DRILLED, 725.04, 3"	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 240 VOLT	TRENCH	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	POWER SERVICE, AS PER PLAN	UNDERGROUND WARNING/MARKING TAPE	LIGHT POLE REMOVED, AS PER PLAN	LIGHT POLE FOUNDATION REMOVED	LUMINAIRE REMOVED	DISCONNECT CIRCUIT
					EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH		
LP-A2	SR 303	876+32	RT																									
		876+32	RT	134+50																								
LP-A3	SR 83	134+50	LT																									
		134+50	LT	134+43																								
LP-A4	SR 83	132+53	RT																									
		132+53	RT	133+80																								
LP-A5	SR 83	133+80	RT																									
		133+80	RT	134+28																								
LP-A6	SR 83	134+85	RT																									
		134+85	RT	134+28																								
PB-2	SR 83	134+28	RT																									
		134+28	RT	134+43																								
PB-1	SR 83	134+43	LT																									
		134+43	LT	135+47																								
LP-A1	SR 303	875+29	LT																									
		875+29	LT	876+90																								
LP-A7	SR 303	876+90	LT																									
		876+90	LT	135+47																								
PB-3	SR 83	135+47	LT																									
		135+47	LT	135+90																								
LP-A8	SR 83	135+90	LT																									
		135+90	LT	136+25																								
PB-4	SR 83	136+25	LT																									
		136+25	LT	136+75																								
PB-5	SR 83	136+75	RT																									
		136+75	RT	136+91																								
LP-A9	SR 83	136+91	RT																									
		136+91	RT	137+25																								
LP-A10	SR 83	137+25	RT																									
		137+25	RT	256+92																								
LP-B1	SR 83	260+48	LT																									
		260+48	LT	259+26																								
LP-B2	SR 83	259+26	LT																									
		259+26	LT	257+97																								
LP-B3	SR 83	257+97	LT																									
		257+97	LT	137+59																								
PB-7	SR 83	137+59	LT																									
		137+59	LT	256+92																								
LP-B4	SR 303	255+16	RT																									
		255+16	RT	256+49																								
LP-B5	SR 303	256+49	RT																									
		256+49	RT	256+88																								
LP-B6	SR 83	259+05	RT																									
		259+05	RT	256+88																								
PB-8	SR 303	256+88	RT																									
		256+88	RT	256+92																								
PB-6	SR 303	256+92	LT																									
		256+92	LT	256+78																								
PS-1	SR 303	256+78	LT																									
		256+78	LT																									
RM-1	SR 83	134+88	RT																									
		134+88	RT																									
RM-2	SR 83	257+79	LT																									
		257+79	LT																									
TOTALS CARRIED TO GENERAL SUMMARY					32	15	1	11	3	1	16	4971	1576	1361	18	488	16	1379	3	5	16	1	1379	1	1	1	2	1

LIGHTING SUBSUMMARY

DESIGN AGENCY



DESIGNER

CX

REVIEWER

JES 11-16-20

PROJECT ID

109455

SHEET TOTAL

P.147 P.163