TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	19180-3212-04	5

WIRING AND CONDUIT SCHEDULE

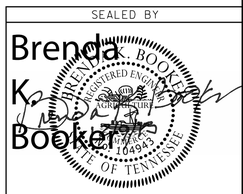
RUN NO.	POLE NO. TO POLE NO.			TRENCHED CONDUIT LENGTH (FT)	MOUNTED TO BRIDGE PARAPET/WALL (FT)	JACK & BORE CONDUIT LENGTH (FT)	CABLE LENGTH (FT)	SPECIAL NOTES	CONTROL CENTER NO.	CIRCUIT NO.	NO. OF 2" SCH. 40 PVC CONDUIT*	NO. & SIZE OF WIRE
1	CC1	TO	PBC	285		110	395		1	1,3,4	1	9 @ #4 AWG 1 @ #6 GROUND
2	PBC	TO	PBD			75	75		1	3,4	1	6 @ #4 AWG 1 @ #6 GROUND
	CC2	TO	PBE	80		65	145	(A)	2	1,2		
	PBE	TO	HM 7 THRU PBF	905			905		2	1,2		
3	PBC	TO	PBG	1120			1120		1	1	1	3 @ #4 AWG 1 @ #6 GROUND
	PBG	TO	JBB		50		50		1	1		
	JBB	TO	PBH		120		120		1	1		
	PBH	TO	LP 11 THRU LP 18	1860			1860		1	1		
	CC1	TO	PBB	130		60	190		1	2		
	PBB	TO	HM 2	290		55	345		1	2		
	PBB	TO	HM 1	1005			1005		1	2		
	PBD	TO	HM 3 THRU HM 4	480		65	545		1	3		
	PBD	TO	HM 5	1185			1185		1	4		
	PBF	TO	PBJ	665		65	730		2	1		
	PBJ	TO	JBF		55		55		2	1		
	JBF	TO	UPL 4 AND UPL 3		85		85		2	1		
	JBF	TO	PBK		120		120		2	1		
	PBK	TO	LP 2 THRU LP 9	2075			2075		2	1		
	PBF	TO	HM 6	60			60		2	2		
4	PBA	TO	LP 1	300			300	(B)	NA	NA	1	2 @ #4 AWG 1 @ #6 GROUND
	JBB	TO	UPL 1		25		25		1	1		
	LP 18	TO	LP 19	265			265		1	1		
	UPL 3	TO	UPL 2		60		60		2	1		
	LP 9	TO	LP 10	250			250		2	1		
5	PSA	TO	CC1	45			45				1	3 @ #4 AWG
	PSB	TO	PBE	55			55					
	PSE	TO	CC2	80		65	145	(A)				

* MAX ALLOWABLE FILL = 40%
PSA = POWER SOURCE A
PSB = POWER SOURCE B
PBA THRU PBK = PULL BOX A THRU PULL BOX K
JBA THRU JBH = JUNCTION BOX A THRU JUNCTION BOX H

(A) 3-CONDUITS SHALL BE INSTALLED AT JACK AND BORE CROSSING (65 LF).
(B) EXTEND NEW CONDUIT TO THE EXISTING LIGHT POLE AT STA. 91+29.50 LT.

SEALED BY

Brenda K Booker



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

(WIRING DATA)

2/18/2013 10:50:41 AM
C:\Users\BE-Bea\Desktop\Booker\01_ACTIVE\TDOT\E1616\DAVIDSON\02_SR 386 INTERCHANGE LIGHTING STUDY AND DESIGN\PART 2 - LIGHTING DESIGN\04_FINAL CONST DGN FILES\005.SHT