

С О \int B3150 002 \bigcirc \sim $(\Omega$ /ECS/ 07-JUL-2015 12:33 R:\LightingElectrical\TIP sksaha AT RD261582

PLANS AND DETAILS FOR PROPOSED LIGHTING /ELECTRICAL CONSTRUCTION

PLACE ELECTRICAL 2" CONDUIT SYSTEM WITH PULL LINE FOR FUTURE ROADWAY LIGHTING SYSTEM BY PROVIDING ELECTRICAL DUCTS AND JUNCTION BOXES.

ROADWAY STANDARDS

THE FOLLOWING ROADWAY ENGLISH STANDARDS AS APP "NCDOT ROADWAY STANDARD DRAWINGS", ROADWAY DES UNIT-N.C. DEPARTMENT OF TRANSPORTATION RALEIGH DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJ REFERENCE HEREBY ARE CONSIDERED A PART OF THES

STD NO.	TITLE
1409.01	ELECTRICAL DUCT
1411.01	ELECTRICAL JUNCTION BOXES

ALL WORK SHALL BE IN CONFORMANCE WITH DIVISION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTUR JANUARY 2012.

TABLE "A" ELECTRICAL DUCT SUMMARY (ESTIMATED LENGTH IN FEET) BURIED (BD) SIZE 4″ SIZE LOCATION SHEET 2″ 185 FROM JB1 TO JB3 E2 E2 BETWEEN JB1 AND JB3 145 E2 125 FROM JB2 TO JB4 E2 FROM JB3 TO JB5 105 BETWEEN JB3 AND JB5 E2 50 E2 FROM JB4 TO JB6 115 88 BETWEEN JB4 AND JB 6 E2 FROM JB5 TO JB7 160 E2 160 E2 FROM JB6 TO JB8 28 FROM JB7 TO STUB OUT 1 E2 28 E2 FROM JB8 TO STUB OUT 2 E2 28 FROM STUB OUT 3 TO JB9 28 FROM STUB OUT 4 TO JB10 E2 168 FROM JB9 TO JB11 E2 E2 FROM JB10 TO JB12 160 E2 180 FROM JB11 TO JB13 E2 BETWEEN JB11 AND JB13 110 FROM JB12 TO JB14 E2 160 BETWEEN JB12 TO JB14 E2 120 FROM JB13 TO JB15 170 E2 E2 FROM JB14 TO JB16 150 FROM JB15 TO JB17 E2 150 235 FROM JB16 TO JB18 E2 BETWEEN JB16 AND JB18 E2 65 TOTAL 2,335 578

2014 NATIONAL ELECTRICAL CODE 2011 AASHTO ROADSIDE DESIGN GUIDE

			PROJECT REFERENCE NO	D. SHE	ET NO.
			B-3/59		<u> </u>
		LEG	GEND	Docusigned by: Paul (Luan F83C4985EEEF4A2	0/////////////////////////////////////
PEAR IN SIGN H, N.C., JECT AND BY SE PLANS:	JB1		CTRICAL JUNCTION BO		$\frac{3}{3}$
	\bowtie	EXISTING ELEC	CTRICAL JUNCTION BO)X	
		REFERENCE TO	CORRESPONDING NOTE	E AS NUMBERI	ED
N 14 OF THE RES, DATED	2″C)	EXISTING 1 ⁻¹ /2" CAPPED PVC CONDUIT WITH PULL LINE			
		2" PVC DUCT WITH INSIDE PULL LINE. SEE 1			
4" ELEC.	DUCT, BD		ECTRICAL DUCT SIZE 4" TYPE (BD) EE TABLE A, THIS SHEET		

ABBREVIATIONS

BD LT JA MH Ø SER LAT	BURIED LIGHT JACKED MOUNTING HEIGHT PHASE SERVICE LATERAL	PVC RGC C CKT N G HM	PVC SCHEDULE 40 CONDUIT RIGID GALVANIZED STEEL CONDUIT CONDUIT CIRCUIT NEUTRAL GROUND HIGH MAST
	COMPUTED BY: S	KS	DATE: 7/7/15
	CHECKED BY: PK	С	DATE: