



NOTES

- 1 THE NCDOT 2012 STANDARD SPECIFICATIONS AND DRAWINGS FOR ROADS AND STRUCTURES AND LIGHTING SPECIAL PROVISIONS SHALL GOVERN THIS STREET LIGHTING CONDUIT INSTALLATION.
- 2 INSTALLATION OF THE STREET LIGHTING CONDUIT SHALL COMPLY WITH DUKE ENERGY PROGRESS CONSTRUCTION STANDARD DRAWINGS AND SPECIFICATIONS.
- 3 THE INSTALLATION OF THE STREET LIGHTING CONDUIT WILL BE PERFORMED BY NCDOT ROADWAY CONTRACTOR. REFER TO THE UTILITIES BY OTHERS (UBO) PLANS AND SPECIAL PROVISIONS FOR COORDINATION, CONSTRUCTION SEQUENCE, AND INSTALLATION OF STREET LIGHTING CONDUIT. STREET LIGHTING CONDUIT IS SHOWN AS PROPOSED UNDERGROUND POWER CONDUIT IN THE UTILITY EASEMENT DETAIL ON THE UBO PLANS.
- 4 COORDINATE THE STREET LIGHTING CONDUIT INSTALLATION IN THESE AREAS TO AVOID CONFLICTS AND DAMAGES TO THE 14' DECORATIVE SIDEWALKS.
- 5 STREET LIGHTING CONDUIT IS A 2" PVC CONDUIT, FURNISHED BY DUKE ENERGY, AND INSTALLED 36" BELOW GRADE BY NCDOT ROADWAY CONTRACTOR. DUKE ENERGY WILL RETURN ON SITE AT A LATER DATE TO LOCATE THE CONDUIT, INSTALL FITTINGS, PULL CONDUCTORS AND ERECT LIGHT POLES TO PROVIDE AN OPERATIONAL LIGHTING SYSTEM PRIOR TO THE COMPLETION OF THE ROADWAY PROJECT.
- 6 MARK UNDERGROUND STREET LIGHTING CONDUIT FOR EACH PROPOSED LIGHT POLE LOCATION WITH A PIECE OF VERTICAL PIPE BURIED AND EXTENDED ABOVE GRADE.

LEGEND

- STREET LIGHT STANDARD PROVIDED AND INSTALLED BY DUKE ENERGY
- 2" PVC CONDUIT FURNISHED BY DUKE ENERGY FOR INSTALLATION ALONG CAPITAL BOULEVARD.

NO.	DATE	REVISION	BY

LIGHTING DESIGN TOLERANCE
 The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



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STREET LIGHTING ARRANGEMENT FOR CAPITAL BLVD (US 401)	
Designed by	DUKE ENERGY PROGRESS LIGHTING SOLUTIONS
Reviewed by	STEPHEN SHORT Scale 1" = 50'
Date	5/23/2016 Size Drawing size "D"
Description	N/A
Drawing No.	## ##### Sht. 1 OF 2

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION

**STREET LIGHTING
CONDUIT INSTALLATION**

WAKE COUNTY

Drawn By: AB	Approved By:	Dwg No.:
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