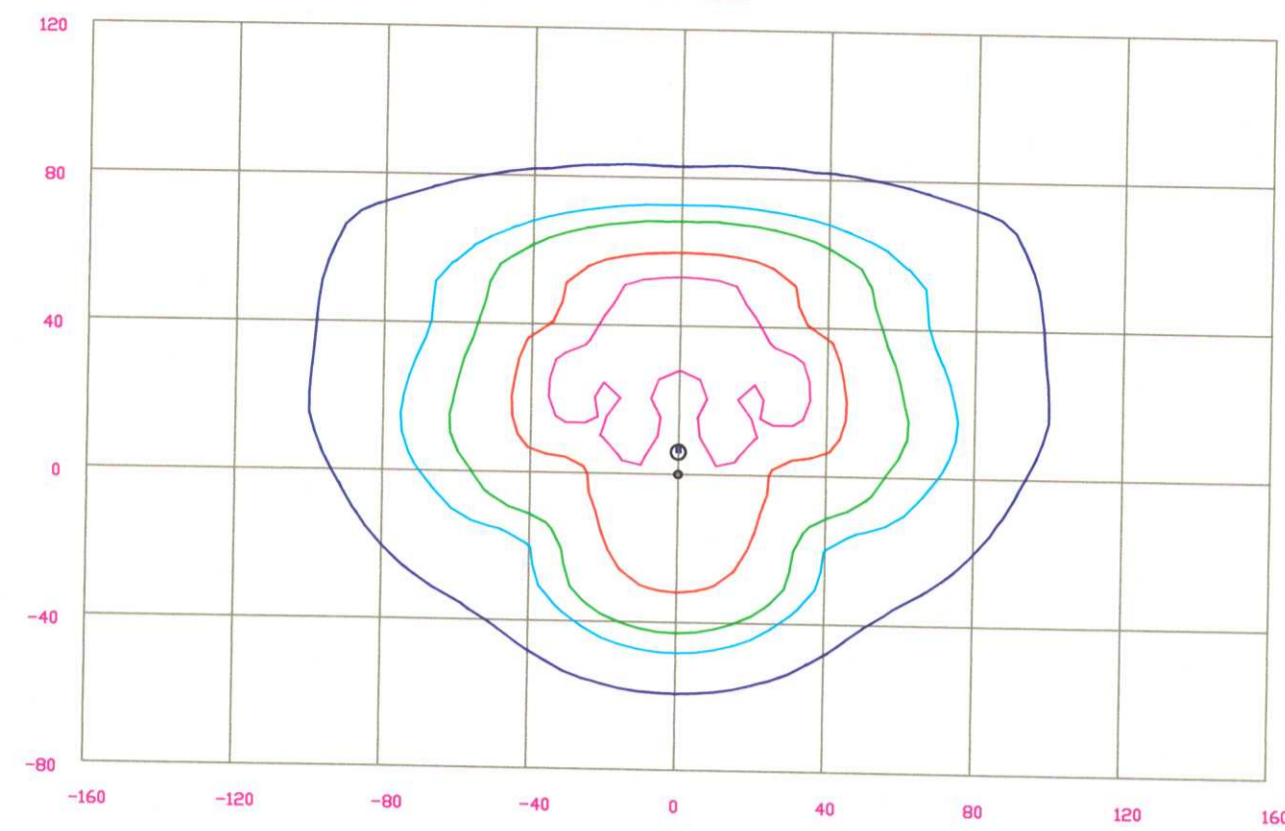


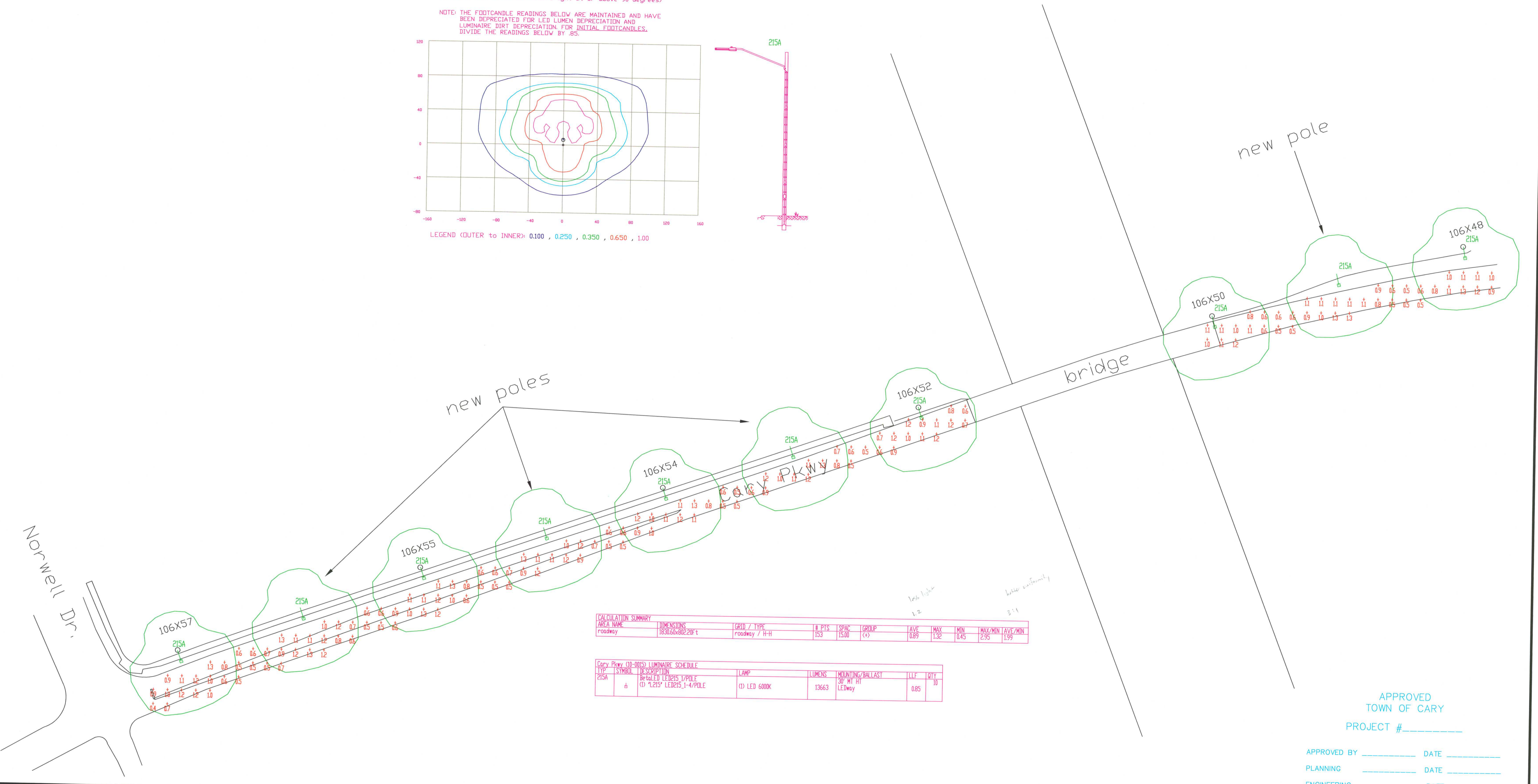
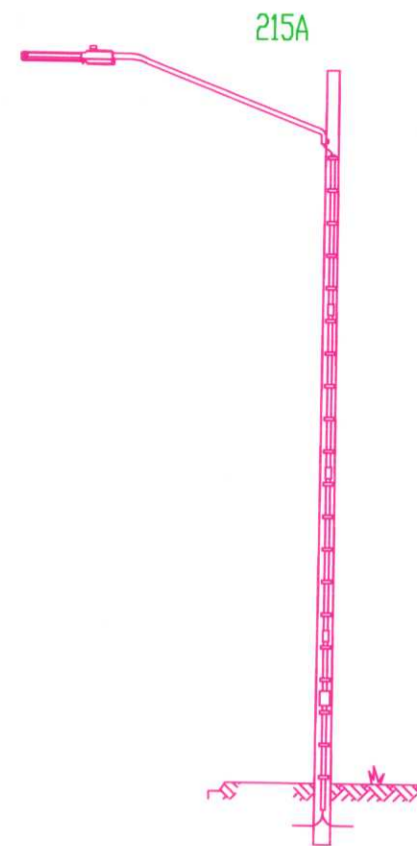
FIXTURE: LED 215
 MOUNTING HEIGHT: 30 FT
 LIGHT SOURCE: 120 LED'S
 PATTERN: TYPE III, B3-U3-G3(zero light at or above 90 degrees)

ASSY# LED215PEC

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



LEGEND (OUTER to INNER): 0.100, 0.250, 0.350, 0.650, 1.00



CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
roadway	1830.60x802.28ft	roadway / H-H	153	15.00	<+>	0.89	1.32	0.45	2.95	1.99

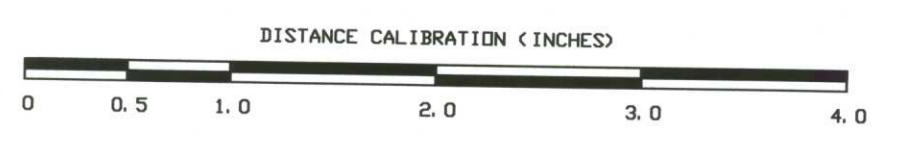
CARY PKWY (10-0015) LUMINAIRE SCHEDULE							
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
215A	⊕	LED 215 WATT LUMINAIRE	(1) LED 6000K	13663	30' HI / H LEDWAY	0.85	10

APPROVED
 TOWN OF CARY
 PROJECT # _____

APPROVED BY _____ DATE _____
 PLANNING _____ DATE _____
 ENGINEERING _____ DATE _____

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 Progress 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.

Customer approval _____ Date _____



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CARY PARKWAY AT NORWELL DRIVE	
CARY NC	
SITE LIGHTING PLAN	
Designed by	PGN LIGHTING SOLUTIONS - CAROLINAS
Reviewed by	R. Simpkins Scale 1" = 50'
Date	02/16/2010 Size Drawing size "D"
Description	LED 215 watt fixtures
Drawing No.	10-0015A Sht. 1 OF 1