

1. INSTALL STREETLIGHT STANDARDS AT INTERSECTIONS INCLUDING "L" AND "T" TYPES, PER STANDARD DRAWINGS 301 THROUGH 310 IN ACCORDANCE WITH THE APPROPRIATE RIGHT-OF-WAY.
2. STREET CLASSIFICATION AND STREETLIGHT STANDARD APPLICATION SHALL BE AS LISTED IN TABLE 1 BELOW. ACTUAL LUMINAIRE WATTAGE AND/OR STREETLIGHT STANDARD SPACING MAY BE VARIED BY THE ENGINEER, WHEN SUPPORTED BY AN APPROVED LIGHTING STUDY IN ACCORDANCE WITH THE IES RECOMMENDED PRACTICE FOR ROADWAY LIGHTING IN ORDER TO MEET CURRENT AND FUTURE TRAFFIC CONTROL NEEDS AND APPROVED BY THE RESPECTIVE AGENCY. AVERAGE LEVELS ARE MAINTAINED LEVELS AT A 0.8 MAINTENANCE FACTOR IN FOOTCANDLES MEASURED HORIZONTALLY AT THE SURFACE.

TABLE 1
INDUCTION TYPE LIGHTING

CLASSIFICATION	RW	LUMINAIRE (INDUCTION)	AVG PHOTOPIC ILLUMINANCE	UNIFORMITY AVG/MIN
SIGNALIZED INTERSECTIONS	ALL	250W 5000K CCT	1.80 FC	3:1
ARTERIAL	100' OR MORE	150W 5000K CCT	1.24 FC	3:1
MAJOR COLLECTOR	80'	150W 5000K CCT	0.49 FC	4:1
MINOR COLLECTOR	60'	55W 850K CCT	0.17 FC	6:1
RESIDENTIAL	51' OR LESS	55W 850K CCT	0.17 FC	6:1

3. NEW STREETLIGHT STANDARDS INSTALLED ADJACENT TO OR OPPOSITE FROM EXISTING STREETLIGHTS SHALL MATCH THE EXISTING LOCATION, SPACING, POLE AND LUMINAIRE TYPES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. STREETLIGHT STANDARDS INSTALLED ON 60' OR LESS RIGHT-OF-WAYS MAY BE INSTALLED ON EITHER SIDE OF ROADWAY AS DIRECTED BY THE ENGINEER.
5. TRAFFIC SIGNAL FOUNDATIONS AND ADAPTOR PLATES MAY BE REQUIRED AT INTERSECTIONS AS DIRECTED BY THE ENGINEER.
6. AT LEAST ONE STREETLIGHT SHALL BE REQUIRED IN THE BULB SECTION OF A CUL-DE-SAC OR HAMMERHEAD. LOCATION SHALL BE AS REQUIRED BY THE ENGINEER.
7. LUMINARE SPECIFICATIONS (MINIMUM VALUES)
 - 80% LIGHT OUTPUT @ 80,000 HR LIFE
 - SCOTOPIC/PHOTOPIC RATIO OF LIGHT SOURCE 1.8
 - HIGH COLOR RENDITIONS 80 CRI
 - 10 YEAR WARRANTY ON LUMINAIRE AND BALLAST

		AGENCY APPROVED			H		
SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA					
623	TRAFFIC SIGNALS & STREETLIGHTING	SUPPLEMENTAL DRAWING					
		STREETLIGHT LOCATION INDUCTION LIGHTING STANDARDS AND GENERAL NOTES					
		DATE 07-01-13	DWG. NO.	300.S2			