

Angela D. Alsobrooks County Executive PRINCE GEORGE'S COUNTY GOVERNMENT

Department of Public Works and Transportation Office of the Director



## **TECHNO-GRAM 001-2023**

Effective March 2, 2023, all streetlights under permit need to adopt the revised DPW&T Specifications & Standards for LED street lighting (enclosed).

This applies to all new developments and/or frontage improvements along existing roadway <u>within the public right-of-way</u>

These revised street lighting tables should be used for each utility company prior to permit plan approval.

# **Contact Information**

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DPW&T Std. No.	Road Classification	* Lamp LED Equivalent	Luminaire Distribution Type	Post Material Installation	Spacing Avg./Max.	Configuration	Road Width
500.01	Urban Arterial Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	106'
			Type III, 6' arm	Mounted			
500.02	Urban Major Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	76'
			Type III, 6' arm	Mounted			
500.03	Urban 4-Lane Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	56'
			Type III, 6' arm	Mounted			
500.04	Urban 5-Lane Collector Road	250 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	67'
			Type III, 6' arm	Mounted			
500.05	Urban Commercial/ Industrial	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	46'
	Road		Type III, 6' arm	Mounted			
500.06	Urban Primary Residential Road	150 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	46'
	(46' Width)		Type III, 6' arm	Mounted			
500.06	Urban Primary Residential Road	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	36'
	(36' Width)	WHPS	60	Mounted			
500.07	Urban Secondary Residential	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	26'
	Road	WHPS		Mounted			
500.08	Rural 4-Lane Arterial Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	96'
			Type III, 6' arm	Mounted			
500.09	Rural 2-Lane Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	44'
			Type III, 6' arm	Mounted			
500.10	Rural Residential Road	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	36'
		WHPS	III	Mounted			
500.11	Rural 4-Lane Collector Road	400 WHPS	Pedant Cobra Head	Wood Utillity Poles	150'/170'	Opposite	68'
			Type III, 6' arm	-			

### LUMINAIRE AND SUPPORT GUIDE FOR POTOMAC ELECTRIC POWER COMPANY (PEPCO)

\* Note: LED wattage varies by Utility Company & Manufactoring Company

### DPW&T \* Lamp LED |Luminaire Distribution Post Material Spacing Road Std. No. **Road Classification** Equivalent Installation Avg./Max. Configuration Width Type Urban Arterial Road 500.01 **400 WHPS** Pedant Cobra Head Aluminum Base 150'/170' 106' Opposite Type III, 6' arm Mounted Urban Major Collector Road Aluminum Base 500.02 400 WHPS Pedant Cobra Head 150'/170' Opposite 76' Type III, 6' arm Mounted Urban 4-Lane Collector Road Pedant Cobra Head 500.03 400 WHPS Aluminum Base 150'/170' Staggered 56' Type III, 6' arm Mounted Urban 5-Lane Collector Road 500.04 250 WHPS Pedant Cobra Head Aluminum Base 150'/170' Opposite 67' Mounted Type III, 6' arm 500.05 Urban Commercial/ Industrial 400 WHPS Pedant Cobra Head Aluminum Base 150'/170' Staggered 46' Road Type III, 6' arm Mounted Urban Primary Residential Road 500.06 **150 WHPS** Pedant Cobra Head Aluminum Base 150'/170' Staggered 46' (46' Width) Type III, 6' arm Mounted 500.06 Urban Primary Residential Road 100-150 Colonial Post Top Type Aluminum Base Staggered 36' 150'/170' (36' Width) WHPS Mounted 500.07 Urban Secondary Residential 100-150 Colonial Post Top Type Aluminum Base 150'/170' Staggered 26' Road WHPS Mounted 500.08 Rural 4-Lane Arterial Road Pedant Cobra Head 400 WHPS Aluminum Base 96' 150'/170' Opposite Type III, 6' arm Mounted 500.09 Rural 2-Lane Collector Road 400 WHPS Pedant Cobra Head Aluminum Base 150'/170' Staggered 44' Type III, 6' arm Mounted 500.10 Rural Residential Road 100-150 Colonial Post Top Type Aluminum Base Staggered 36' 150'/170' WHPS Mounted 400 WHPS Pedant Cobra Head Rural 4-Lane Collector Road Wood Utillity Poles 500.11 150'/170' Opposite 68' Type III, 6' arm

### LUMINAIRE AND SUPPORT GUIDE FOR BALTIMORE GAS & ELECTRIC (BGE)

\* Note: LED wattage varies by Utility Company & Manufactoring Company

DPW&T	1	*Lamp LED	Luminaire Distribution	Post Material	Spacing		Road
Std. No.	Road Classification	Equivalent	Туре	Installation	Avg./Max.	Configuration	Width
500.01	Urban Arterial Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	106'
			Type III, 6' arm	Mounted			
500.02	Urban Major Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	76'
			Type III, 6' arm	Mounted			
500.03	Urban 4-Lane Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	56'
			Type III, 6' arm	Mounted			
500.04	Urban 5-Lane Collector Road	250 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	67'
			Type III, 6' arm	Mounted			
500.05	Urban Commercial/ Industrial	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	46'
	Road		Type III, 6' arm	Mounted			
500.06	Urban Primary Residential Road	150 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	46'
	(46' Width)		Type III, 6' arm	Mounted			
500.06	Urban Primary Residential Road	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	36'
	(36' Width)	WHPS	11	Mounted			
500.07	Urban Secondary Residential	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	26'
	Road	WHPS		Mounted	-		
500.08	Rural 4-Lane Arterial Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Opposite	96'
			Type III, 6' arm	Mounted			
500.09	Rural 2-Lane Collector Road	400 WHPS	Pedant Cobra Head	Aluminum Base	150'/170'	Staggered	44'
			Type III, 6' arm	Mounted			
500.10	Rural Residential Road	100-150	Colonial Post Top Type	Aluminum Base	150'/170'	Staggered	36'
		WHPS	11	Mounted			
500.11	Rural 4-Lane Collector Road	400 WHPS	Pedant Cobra Head	Black Fiberglass Direct	150'/170'	Opposite	68'
			Type III, 6' arm	Buried			

## LUMINAIRE AND SUPPORT GUIDE FOR SOUTHERN MARYLAND ELECTRIC COOPERATIVE (SMECO)

\* Note: LED wattage varies by Utility Company & Manufactoring Company