HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert Sutton
Chairman

Date: Feb. 21, 2024

MEMORANDUM

TO: Rabbiah Sabbakhan
Department of Permitting Services
FROM: Chris Berger
Historic Preservation Section
Maryland-National Capital Park & Planning Commission
SUBJECT: Historic Area Work Permit # 1056978 - Lights

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **approved** at the Feb. 21, 2024, HPC meeting.

The HPC staff has reviewed and stamped the attached construction drawings**.**

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Jose Thommana
Address: 100 Edison Park Drive, 4th Floor, Gaithersburg

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Chris Berger at 301-495-4571 or chris.berger@montgomeryplanning.org to schedule a follow-up site visit.

FOR STAFF ONLY:
HAWP#_____
DATE ASSIGNED_____

APPLICATION FOR HISTORIC AREA WORK PERMIT

HISTORIC PRESERVATION COMMISSION
301.563.3400

APPLICANT:

Name: Jose Thommana E-mail: Jose.Thommana@mont

Address: 100 Edison Park Drive, City: Gaithersburg Zip: 20878

Daytime Phone: 240-777-8732 Tax Account No.: NA

AGENT/CONTACT (if applicable):

Name: Rebecca Park E-mail: rebecca.park@montgon

Address: 100 Edison Park Drive, City: Gaithersbur Zip: 20878

Daytime Phone: 240-777-7263 Contractor Registration No.: NA

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property M: 28-13

APPROVED
Montgomery County
Historic Preservation Commission

REVIEWED
By Chris Berger at 11:34 am, Feb 22, 2024

storic District? __Yes/District Name_____
X No/Individual Site Name Norwood

nd Trust/Environmental Easement on the Property? If YES, include a
tation from the Easement Holder supporting this application.

Xami views Required as part of this Application?
lat, e ? If YES, include information on these reviews as

Street: Edison Park Drive

Town/City: Gaithersberg Nearest Cross Street: _____

Lot: _____ Block: _____ Subdivision: _____ Parcel: _____

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

- ☐ New Construction
- ☐ Addition
- ☐ Demolition
- ☐ Grading/Excavation
- ☐ Deck/Porch
- ☐ Fence
- ☐ Hardscape/Landscape
- ☐ Roof
- ☐ Shed/Garage/Accessory Structure
- ☐ Solar
- ☐ Tree removal/planting
- ☐ Window/Door
- ☑ Other: Lighting

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

Jose Thommana
Signature of owner or authorized agent

1/31/2024
Date

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFING

[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

Owner's mailing address	**Owner's Agent's** mailing address
Jose Thommana Acting Division Chief MCDOT, Division of Transportation Engineering 100 Edison Park Drive, 4th Floor	Rebecca Park Transportation Unit Manager MCDOT, Division of Transportation Engineering 100 Edison Park Drive, 4th Floor Gaithersburg, MD 20878

Adjacent and confronting Property Owners mailing addresses

Thomas J and CP Schneider 17201 Norwood Road Sandy Spring, MD 20860	Willson E. Gilpin, Jr. 1301 Hennessy Terrace Sandy Spring 20860
Friends House Retirement Community Inc. 17340 Quaker Lane Sandy Spring, MD 20860	Daniel and Lisa R Dioniso 17400 Ashton Green Drive Sandy Spring 20860
17208 Doctor Bird Road, Sandy Spring MD 20860	

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By Chris Berger at 11:34 am, Feb 22, 2024

Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Norwood is an 11.2-acre property east of the intersection of Dr. Bird Road (MD 182) and Norwood Road in the Sandy Spring vicinity. The property contains a large late-eighteenth-century Georgian residence with circa-1867 additions, a carriage house/artist's studio, a barn, several outbuildings, a pool, and the remains of a boxwood maze. The house and outbuildings are set in the northeast corner of the property and are significantly set back from Norwood Road. An asphalt shared-use path (SUP) is along the southwest side of the property. Evergreen and deciduous trees are northeast of the SUP, screening it from view of the house and outbuildings. Additional information on the property is available in the Maryland Inventory of Historic Properties form M: 28-13: https://apps.mht.maryland.gov/Medusa/PDF/Montgomery/M;%2028-13.pdf

Description of Work Proposed: Please give an overview of the work to be undertaken:

Project work includes the addition of lighting adjacent to an existing shared-use path (SUP) northeast of MD 182 between Norwood Road and the Sandy Spring Adventure Park. This work is part of a larger SUP project along the northeast side of MD 182 that will result in a continuous SUP between MD 108 (Olney-Sandy Spring Road) and Ednor Road near Woodlawn. The current project is a safety enhancement to provide lighting for path users. Twelve-foot-tall fixtures will be installed south of the path along the Norwood property. No trees will be removed for this work and directional boring of conduits will be used to minimize disturbance to existing tree root systems. The lighting design matches lighting that is on an existing SUP segment that runs from just northwest of Lake Norwood Way to Norwood Road. See attached plans for project details.

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By Chris Berger at 11:34 am, Feb 22, 2024

Work Item 1: Installation of Lighting

Description of Current Condition:	Proposed Work:
A SUP is between Norwood Road and a stand of evergreen and deciduous trees. The house and outbuildings are set back from the road and SUP to the northeast.	Work is a safety enhancement project that proposes to install lighting southwest of the existing SUP northeast of MD 182. Twelve-foot-tall light fixtures will be installed between the SUP and Norwood Road along the Norwood property. Directional boring of conduits will be used to minimize disturbance to existing tree route systems. See attached plans for more detail.

Work Item 2: NA

Description of Current Condition:	Proposed Work:
APPROVED Montgomery County Historic Preservation Commission	**REVIEWED** ***By Chris Berger at 11:34 am, Feb 22, 2024***

Work Item 3: NA

Description of Current Condition:	Proposed Work:

HISTORIC AREA WORK PERMIT
CHECKLIST OF
APPLICATION REQUIREMENTS

	Required Attachments						
Proposed Work	1. Written Description	2. Site Plan	3. Plans/ Elevations	4. Material Specifications	5. Photographs	6. Tree Survey	7. Property Owner Addresses
New Construction	*	*	*	*	*	*	*
Additions/ Alterations	*	*	*	*	*	*	*
Demolition	*	*	*		*		*
Deck/Porch	*	*	*	*	*	*	*
Fence/Wall	*	*	*	*	*	*	*
Driveway/ Parking Area	*	*		*	*	*	*
Grading/Excavation/Land	*	*		*	*	*	*
		*		*	*	*	*
		*	*	*	*		*
		*	*	*	*		*
		*	*	*	*		*
		*	*	*	*		*

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SB-01 | STATION 0 | 0
INLINE CONNECTOR KITS — Y-SPLICE CONNECTOR KITS

WIRING BY PEPCO | ROAD, STA & OFFSET | 1 | 12'MH | A-1
POLE NUMBER — CIRCUIT NUMBER
LUMINAIRE MOUNTING HEIGHT ABOVE FINAL GRADE

Mounting height of lights are 12 feet above grade

17201 Norwood Rd

TO MD 108

TO MD 182

NORWOOD ROAD

WIRING BY PEPCO | MD 182 NB | 14 | 12'MH | A-3

WIRING BY PEPCO | MD 182 NB | 15 | 12'MH | A-1

WIRING BY PEPCO | MD 182 NB | 16 | 12'MH | A-3

SB-14 | MD 182 NB | 0 | 0

SB-15 | MD 182 NB | 0 | 0

SB-16 | MD 182 NB | 0 | 0

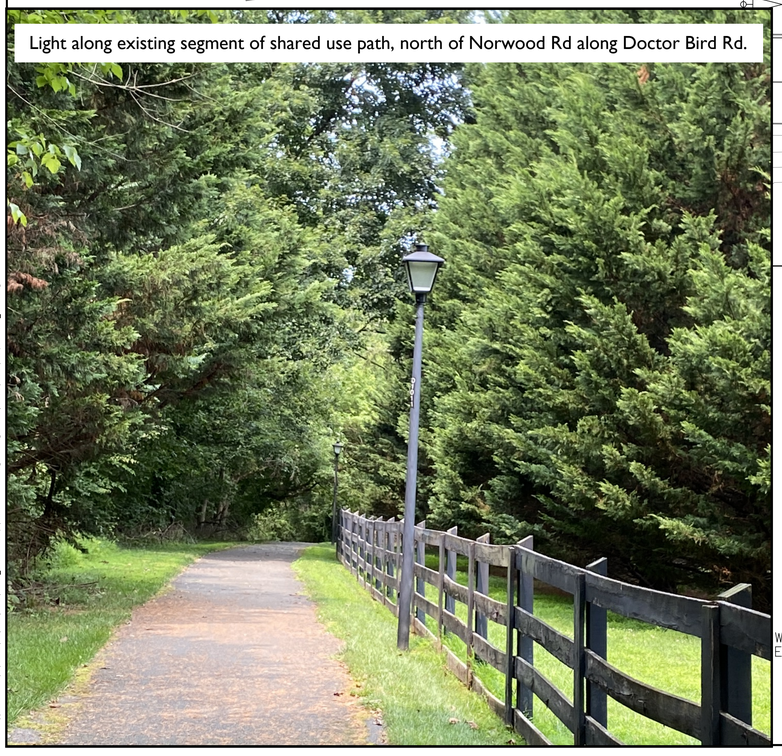
EXISTING SHARED USE PATH

MD 182 (NORWOOD ROAD)

Streetlight posts to be installed in grass buffer between existing pathway and MD 182

MATCHLINE – SEE DWG NO. LT-05

COLONIAL POST TOP FIXTURES ON DIRECT BURY FIBERGLASS POSTS



Light along existing segment of shared use path, north of Norwood Rd along Doctor Bird Rd.

WITH
E

GENERAL NOTE

LUMINAIRES ON THIS SHEET SHALL BE INSTALLED 4.5' FROM EDGE OF SHARED USE PATH WITH A TYPICAL SPACING OF 120'. PEPCO SPLICE BOXES SHOWN ON THIS SHEET ARE SCHEMATIC. INSTALL SPLICE BOX WITHIN 5' OF LUMINAIRE.

20' 0 20' 40'
SCALE: 1"=20'

PLAN NO. MR2022024 | DWG. LT-04

OWNER/ADDRESS:
MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE
GAITHERSBURG, MARYLAND

CONTACT:
REBECCA PARK
REBECCA.PARK@MONTGOMERYCOUNTYMD.GOV
MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
240-777-7231

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Transportation Planning and Design Section — Date
APPROVED
Chief, Division of Transportation Engineering — Date

DESIGNED BY SJC DRAWN BY SJC CHECKED BY WFW

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
HERITAGE TRIANGLE TRAIL PHASE 1
DR. BIRD / NORWOOD ROAD
SHARED USE PATH
LIGHTING PLAN

SCALE 1"=20' DATE DECEMBER 2023

DRAWING NO. OF 8 | SHEET NO. OF 103

PLOTTED: 12112023
FILE: \\ad.rkk.com\ls\Cloud\Projects\2020\20097_MCDOTransp\Task 27 – Heritage Triangle Trail\CADD\Plans\old-pLT-0004_DrBird.dgn

PLOTTED: 12112023
FILE: \\ad.rkk.com\ls\Cloud\Projects\2020\20097_MCDOTransp\Task 27 – Heritage Triangle Trail\CADD\Plans\old-pLT-0004_DrBird.dgn

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Montgomery County
Historic Preservation Commission

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By Chris Berger at 11:34 am, Feb 22, 2024

17201 Norwood Rd

INLINE CONNECTOR KITS — SB-01 | STATION | 0 | 0 — Y-SPLICE CONNECTOR KITS

WIRING BY PEPCO | ROAD, STA & OFFSET | 1 | 12'MH | A-1

POLE NUMBER — CIRCUIT NUMBER

LUMINAIRE MOUNTING HEIGHT ABOVE FINAL GRADE

Mounting height of lights are 12 feet above grade

TO MD 108

WIRING BY PEPCO | MD 182 NB | 17 | 12'MH | A-1

SB-17 | MD 182 NB | 0 | 0

WIRING BY PEPCO | MD 182 NB | 18 | 12'MH | A-3

SB-18 | MD 182 NB | 0 | 0

WIRING BY PEPCO | MD 182 NB | 19 | 12'MH | A-1

SB-19 | MD 182 NB | 0 | 0

TO MD 182

MAINTENANCE ACCESS

MATCHLINE –

EXISTING SHARED USE PATH

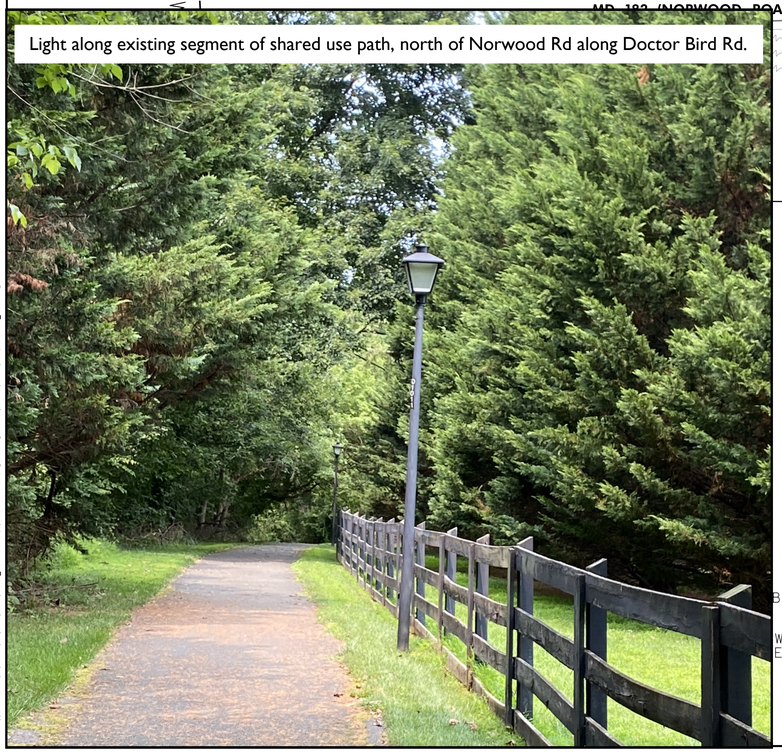
A B A B A B D

MATCHLINE – SEE DWG NO. LT-06

COLONIAL POST TOP FIXTURES ON DIRECT BURY FIBERGLASS POSTS

MD 182 (NORWOOD ROAD)

Light along existing segment of shared use path, north of Norwood Rd along Doctor Bird Rd.



Streetlight posts to be installed in grass buffer between existing pathway and MD 182

GENERAL NOTE

LUMINAIRES ON THIS SHEET SHALL BE INSTALLED 4.5' FROM EDGE OF SHARED USE PATH WITH A TYPICAL SPACING OF 120'. PEPCO SPLICE BOXES SHOWN ON THIS SHEET ARE SCHEMATIC. INSTALL SPLICE BOX WITHIN 5' OF LUMINAIRE.

BORED

WITH E

HENNESSY TERRACE

20' 0 20' 40'
SCALE: 1"=20'

PLAN NO. MR2022024 | DWG. LT-05

OWNER/ADDRESS:
MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE
GAITHERSBURG, MARYLAND

CONTACT:
REBECCA PARK
REBECCA.PARK@MONTGOMERYCOUNTYMD.GOV
MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
240-777-7231

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Transportation Planning and Design Section — Date

APPROVED

Chief, Division of Transportation Engineering — Date

DESIGNED BY SJC DRAWN BY SJC CHECKED BY WFW

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING

HERITAGE TRIANGLE TRAIL PHASE 1
DR. BIRD / NORWOOD ROAD
SHARED USE PATH
LIGHTING PLAN

SCALE 1"=20' DATE DECEMBER 2023

DRAWING NO. OF 8 | SHEET NO. OF 103

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FILE: \\ad.rkk.com\ls\Cloud\Projects\2020\20097_MCDOTransp\Task 27 – Heritage Triangle Trail\CADD\Plans\old-pLT-0005_DrBird.dgn

Photo 1: Norwood property and SUP, looking east from intersection of Norwood and Dr. Bird Roads (Google Street View, November 2022)

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Photo 2: Norwood property and SUP, looking southeast from intersection of Norwood and Dr. Bird Roads (Google Street View, November 2022)

Photo 1: Norwood property and SUP, looking southeast from north of Hennessy Terrace (Google Street View, November 2022)

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Photo 4: Norwood property, Norwood dwelling, and SUP, looking north from just north of Hennessy Terrace (Google Street View, November 2022)

Photo 5: Norwood property and SUP, looking north from Hennessy Terrace (Google Street View, November 2022)

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By Chris Berger at 11:34 am, Feb 22, 2024

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND OPERATIONS

JUNE 2016

RESIDENTIAL, DIRECT BURIAL FIBERGLASS POLE ROUND, TAPERED, POST-TOP GRAY OR BLACK

1) DESCRIPTION

The residential, round, tapered, direct burial fiberglass pole shall be made of a fiberglass reinforced composite (fiberglass filament and color pigmented resin), with a polyurethane and UV inhibitor coating, with a natural finish. This fiberglass pole is intended for use on residential roadways, walkways, and tunnels throughout Montgomery County. Any manufacturer, distributor or vendor who submits a bid shall agree to comply with these specifications and the attached drawings.

2) DESIGN CRITERIA

2.1 AASHTO Standards

The residential, round, tapered, direct burial fiberglass pole shall meet the requirements of the American Association of State Highway and Transportation Officials (AASHTO) Standard, "Specification for Structural supports for Highway Signs, Luminaires and Traffic Signals," latest edition.

2.2 Wind Load

The residential, round, tapered, direct burial fiberglass pole shall be designed to resist (at yield strength of the material without permanent deflection or destruction) test loads equivalent to the calculated wind loads developed by the velocity pressures of an 80 MPH wind with a 30% gust factor. A minimum safety factor of 1.82 on the yield strength shall be maintained.

ted Area (EPA)

ial, round, tapered, direct burial fiberglass pole shall be designed

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Montgomery County
Historic Preservation Commission

REVIEWED
By Chris Berger at 11:34 am, Feb 22, 2024

using the following assumptions:

a) The streetlight luminaire shall be mounted at a height of 12 feet above the level of the surrounding ground (EPA of 3 Sq. Ft. +/-).

b) One (24" x 36") traffic sign may be mounted with the sign's bottom edge 7 feet above the ground. (EPA of 6 Sq. Ft. +/-).

3) MATERIALS

a) The residential, round, tapered, direct burial fiberglass pole shall be constructed by a winding filament process with color pigmented polyester resin impregnated into the filaments. The filament winding shall be continuously applied with uniform tension.

b) The resin used will be color pigmented and shall be ultraviolet resistant. A highly weather resistant pigmented polyurethane coating shall be applied to the pole at a minimum thickness of 1.5 mils.

4) FINISH

The residential, round, tapered, direct burial fiberglass pole shall be of a natural finish for the entire length of the pole.

5) TENONS

The residential, round, tapered, direct burial fiberglass pole shall have a permanently bonded, hot-dipped galvanized steel or aluminum, 3 inch tenon.

6) HAND-HOLES

The residential, round, tapered, direct burial fiberglass pole shall have one 2 ½ inch x 5 inch hand-hole, with a non-metallic cover secured with a vandal-resistant, stainless steel screws.

7) POLE

7.1 Shaft

ntial, round, tapered, direct burial fiberglass pole shaft shall have a
e diameter of 5.5 inches (+/- 0.1 inches), and a top pole diameter of 2.9
0.1 inches)

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Montgomery County
Historic Preservation Commission

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By Chris Berger at 11:34 am, Feb 22, 2024

7.2 Length

The residential, round, tapered, direct burial fiberglass pole shall have a nominal minimum luminaire mounting height of 12 feet and a maximum of 14 feet above the surrounding ground. The shaft shall be embedded a minimum of 3 feet in the ground.

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Historic Preservation Commission

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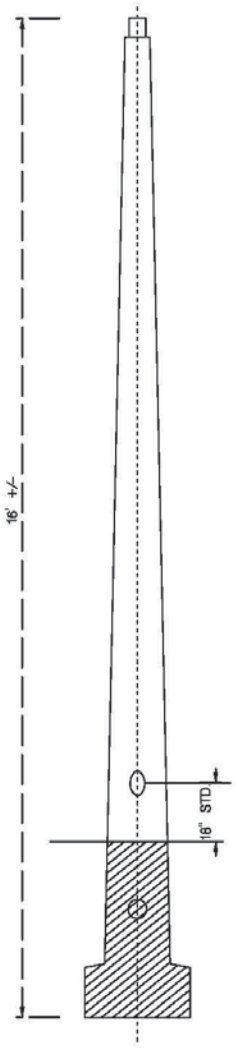
SPECIFICATIONS FOR STREETLIGHT HARDWARE



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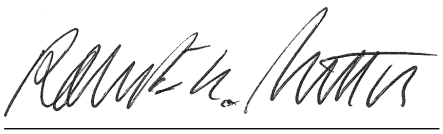

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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
AFFIC ENGINEERING AND OPERATIONS

JUNE 2016

RESIDENTIAL, COLONIAL POST-TOP,
LED OPTICS, TYPE III DISTRIBUTION, STYLE LUMINAIRE

1) PURPOSE

The purpose of these specifications is to prescribe the minimum requirements for the design, manufacture, fabrication, finishing and delivery of colonial post-top, LED optics, type III distribution, style luminaire. This luminaire is intended for use on or with the black fiberglass pole. These colonial post-tops, LED optics, type III distribution, style luminaires are intended for use along residential roadways, walkways, and tunnels throughout Montgomery County. Any manufacturer, distributor or vendor who submits a bid shall agree to comply with these specifications and attached drawings.

2) DESCRIPTION

The residential, colonial post-top, LED optics, type III distribution, style luminaire is made of a cast aluminum alloy housing.

Each streetlight luminaire shall include the following:

a) Cast aluminum housing and hinged top canopy;
b) 120 volt LED Driver;
c) 10KV Surge Suppression Device built in;
d) NEMA standard photoelectric control receptacle and NEMA multi-volt standard photocell;
f) Acrylic or Polycarbonate resin refractor side panels (lens);
h) All necessary hardware required for mounting on fiberglass poles, as specified.

3) DESIGN CRITERIA

3.1) AASHTO Standards

The luminaire shall meet the requirements of American Association of State Highway and Transportation Officials (AASHTO) Standard, "Specification for Structural supports for Highway Signs, Luminaires and Traffic Signals," latest edition.

3.2) Shape and Minimum Size

a) The luminaire shall be of a trapezoidal shape. The minimum size for the luminaire shall 40.0 inches (sum of the length plus height), when viewed from the side.
b) The luminaire shall be suitable to accommodate 120 volt LED Driver, 10KV Surge Suppression Device and NEMA standard photoelectric control receptacle and NEMA multi-volt standard photocell.

3.3 Effective Projected Area (EPA)

The luminaire shall have a maximum estimated allowable EPA for the luminaire of 0.7 ± square feet.

3.4 Finish

The luminaire shall have a black polyester powder coat finish. During the finishing process, all critical openings shall be plugged to prevent contamination of the threads or reduction of other critical openings.

4) MATERIALS

4.1 Housing

The luminaire shall consist of a water tight housing fabricated from die-cast aluminum with a gasketed die-cast aluminum canopy. The canopy shall be hinged on one side and secured on the opposite side with a captive stainless steel screw. All castings used to fabricate the luminaire housing shall be clean and smooth with details defined and true to pattern. The housing shall be suitable to accommodate 120 volt LED Driver, 10KV Surge Suppression Device and NEMA standard photoelectric control receptacle and NEMA multi-volt standard photocell.

4.2 Driver & Surge Protection

The driver shall be mounted to facilitate easy removal for maintenance operations. The driver shall be equipped with a 10KV Surge Protection and suppression system. All electrical connections shall be polarized and of plug-in design. The driver shall be wired to receive 120 volt AC current. The driver shall reliably start and operate the lamp in ambient temperatures down to minus 30 degrees. The terminal block shall be capable of accepting up to a #6 AWG wire.

4.3 LED Color Temperature (CCT) and Rendering Index (CRI)

The Correlated Color Temperature (CCT) shall be a nominal Kelvin Temperature of 3500K ± 200K with a minimum Color Rendering Index (CRI) of 70.

4.4 Photoelectric Cell

The photocell receptacle shall be mounted for easy access and maintenance. The photocell shall be of the NEMA twist-lock type.

4.5 Side refractor panels

The luminaire shall be equipped with acrylic or polycarbonate resin refractor panels, with spring loaded retainer clips to hold refractor panels.

4.6 Slip Fitter

The slip fitter shall have a nominal inside diameter of 3.375 inches +/- 0.25 and shall be secured to the lamp post tenon with three or four evenly spaced set screws. The slip fitter shall accommodate a tenon 3.0 inches long.

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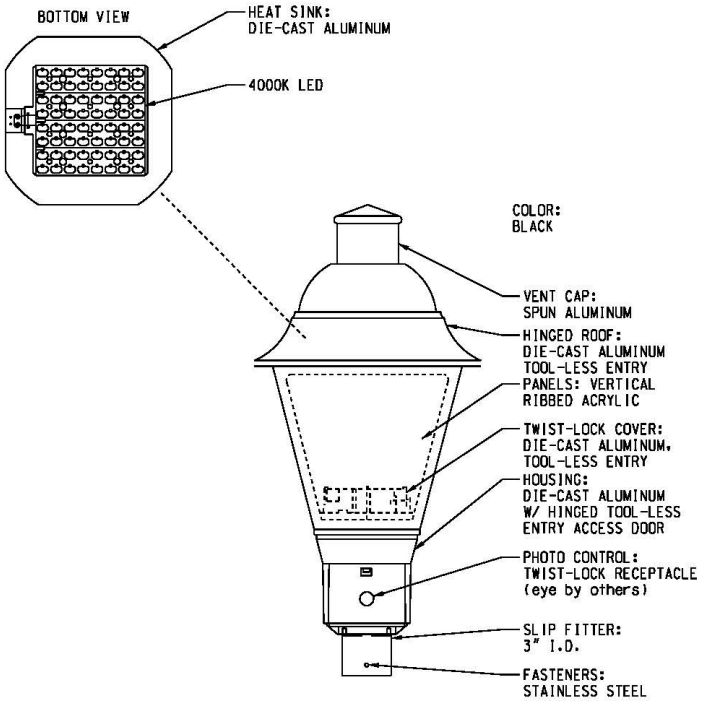
SPECIFICATIONS FOR STREETLIGHT HARDWARE



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