

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. # 0010675 **DATE** 6/17/2015
Turner County
SR112 from SR7/US41 to CS503/Johnson Street (TE Project)

FROM 
Brent A. Story, P.E., State Design Policy Engineer

TO Albert V. Shelby, State Program Delivery Engineer
Attn: Jeanne Kerney, Project Manager

SUBJECT Patented and Proprietary Item Approval

The Office of Design Policy and Support has reviewed the request for the use of proprietary items on the SR112 from SR7/US41 to CS503/Johnson Street TE Project in the City of Ashburn in Turner County. This project is not located on the National Highway System (NHS).

GDOT accepts City of Ashburn's certification that the following items are essential for aesthetic synchronization:

- Light Post – Niland Company, Model CL-17-F5-10
- Luminaires – Niland Company, Model CP2-CP-5015-BOR

Identical items have been previously installed in the City of Ashburn. The Department considers the use of the proprietary items listed above to be in compliance with 23 CFR 635.411 for aesthetic synchronization. This approval applies only to project PI Number 0010675. The City of Ashburn is responsible for ensuring that these items comply with the Buy America Act.

Should you have any questions or concerns, please contact Brent Story at 404-631-1600 or Dave Peters at 404-631-1738.

Attachment: Proprietary Item Request

BAS:DGP:drp



City of Ashburn

259 EAST WASHINGTON AVENUE
P.O. BOX 766
ASHBURN, GEORGIA 31714

TELEPHONE
(229) 567-3431
FAX
(229) 567-9284

June 4, 2015

Ms. Jeanne Kerney, P.E.
TE Project Manager
Moreland Altobelli Associates, Inc.
2211 Beaver Run Road, Suite 190
Norcross, GA 30071

RE: Use of Proprietary Items for
SR 112 From SR7/US41 to CS 503 Johnson Street, Turner County
GDOT PI: 0010675

Dear Ms. Kerney,

As per Federal Highway Administration regulation in 23 CFR 635.411(a) 2, proprietary materials, specifications, and processes can be used if their use is essential for synchronization with existing highway facilities. For the City of Ashburn's Transportation Enhancement Project, PI# 0010675, the following proprietary items are proposed for use:

Light Poles and Luminaires

Manufacturer: Niland Company

Post: CL-17-F5-10

Cross Arm: N/A

Luminaire: CP2-CP-5015-BOR

Quantity in Project: 14

Total Estimated Cost for Light Poles and Luminaires: \$50,000

The total estimated costs for materials listed above are based on recent construction bids on similar projects. These costs include materials, labor, tax, and freight.

The estimated total construction cost for the project is \$500,000. The cost of \$50,000 for proprietary items represents 10% of the estimated construction costs.

I, Dan Bollinger, City Manager of the City of Ashburn do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that this proprietary item is essential for synchronization with existing highway facilities. The use of these products is essential for aesthetic synchronization to match the visual appearance of existing facilities previously installed in the city and for compatibility with the City of Ashburn Design Guidelines.

Proprietary Items Request
PI# 0010675, Turner County
June 4, 2015
Page 2 of 8

The City of Ashburn respectfully requests that the use of these proprietary products be approved.

A handwritten signature in black ink, appearing to read "Dan Bollinger". The signature is fluid and cursive, with a large initial "D" and "B".

Dan Bollinger
City Manager
City of Ashburn

Attachments:

- A. Photos of existing Poles & Luminaires
- B. Manufacturer details of the proposed light fixture.



***STREET LIGHT POLES PREVIOUSLY INSTALLED ON ADJACENT STREETS DURING
ASHBURN BICYCLE/PEDESTRIAN FACILITY PROJECT. STP00-0002-00(371) PI
0002371***



STREET LIGHT POLES PREVIOUSLY INSTALLED ON ADJACENT STREETS DURING ASHBURN BICYCLE/PEDESTRIAN FACILITY PROJECT. STP00-0002-00(371) PI 0002371

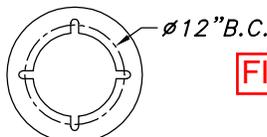
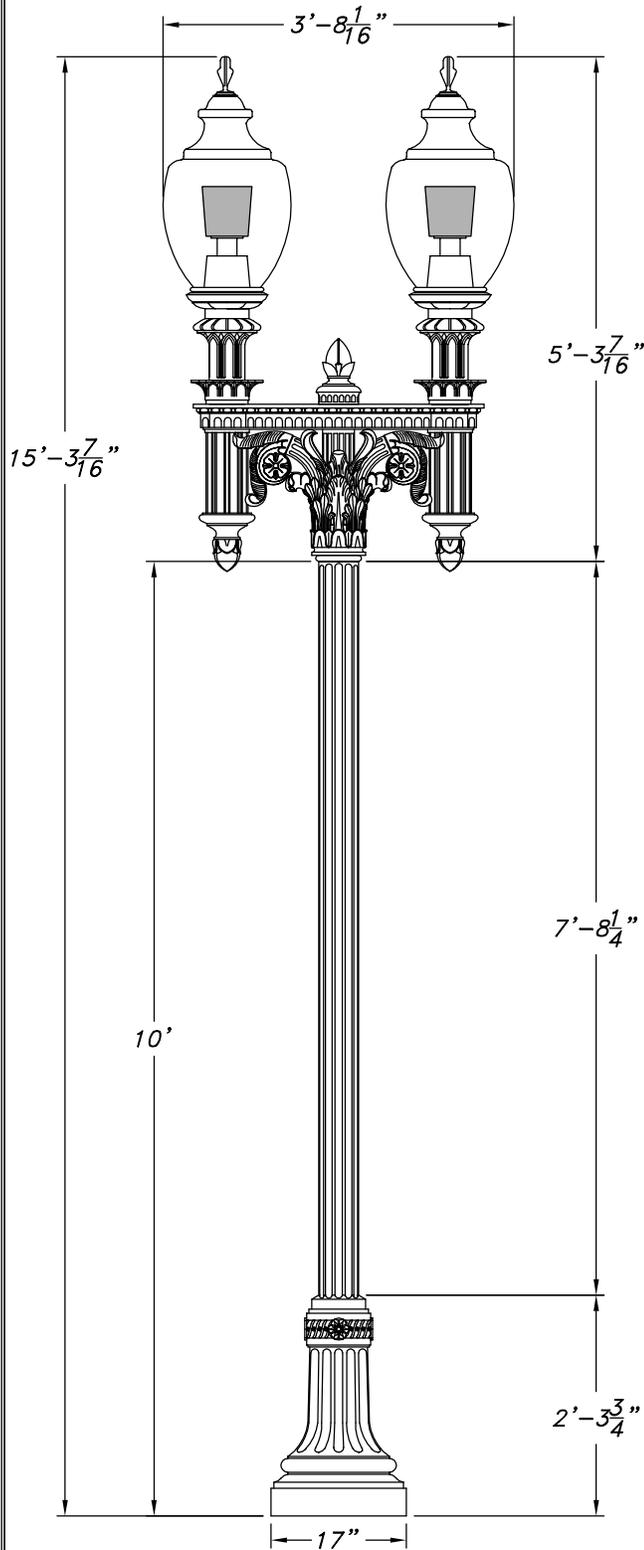


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CLEVELAND SERIES



POST MODEL

FIXTURE MODEL

SCALE: 1/2" = 1'-0"

CL-17-F5-10-CP2-CP-5015-BOR

CSI POLE SPECIFICATION

I. POLE

Base shall be cast aluminum. Aluminum shall be certified as pure 356 alloy free of any porosity, foreign materials or cosmetic fillers. Base casting shall be of uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be .250". The base casting shall have an internal sleeve up to 25" deep (depending on style chosen) to accept the pole shaft. Pole shaft shall be seated into the base sleeve and circumferentially welded around the inside of the base. Exterior transition ring shall be cast in to the top of the base to mirror the design of the fluted shaft. There are no exterior welds to finish. The anchor bolt locations in the base shall be cast in place as part of the base casting, for maximum strength. Pole shaft shall be seamless, deep-fluted extruded 6063-T6 aluminum. Cast aluminum access cover shall be secured with two to four tamper proof stainless steel screws.

II. FINISH

Fixture finish shall consist of degreasing, phosphate acid etching with 140°+ de-ionizing water, rinsed, oven dryoff and top coated with a thermoset TGIC super polyester powder coat finish designed not to chalk or fade for many years. All Niland Company powders must pass a minimum 3000-hour salt spray test for corrosion resistance.

III. ANCHOR BOLTS

Standards 12 feet high or less shall use 1/2" x 18" L-type anchor bolts. Standards higher than 12 feet shall use 3/4" x 24" L-type bolts.

FINISHES

Five Year Powder Coating Warranty

Niland Company factory-applied powder coatings are warranted against peeling, excessive fading and cracking under normal climatic exposure for a period of five years from date of shipment. Damage to finish coating caused by abuse or mishandling during installation is not covered by this warranty. This warranty is limited to the repair or replacement of the material involved and does not include reimbursement of consequential expenses such as installation or removal of equipment or transportation costs.

I. STANDARD FINISH

Satin aluminum achieved by rotary sanding, blasting and chemical etching.

II. THERMOSET POWDER PAINT FINISH

Pretreatment shall consist of degreasing phosphate acid-etching with 140° and de-ionizing water, rinsed and oven dried.

FINISH COAT

Thermoset TGIC super polyester powder coat finish electrostatically applied, oven cured and bonded at approximately 420° F to a minimum dry film thickness of 1.6 mils. All Niland powders must pass a minimum 3000-hour salt-spray test for corrosion resistance. The National Association of Architectural Metal Manufacturers, Metal Finishes Manual rates the outdoor life of these powders at 15-plus years.

HOUSING

The post top shall be core cast aluminum. Aluminum shall be certified as pure #356 alloy, free of any porosity, foreign materials or cosmetic fillers. Castings shall be uniform wall thickness with no warping or mold shifting. Minimum wall thickness shall be 3/16". Electrical components are mounted to the fitter and ballast canister. The ballast canister shall be mounted in the post top with three stainless steel screws. The optional refractor shall be molded of borosilicate glass or an upgraded globe with external refractor designed for either a type III or type V light distribution pattern.

III. ELECTRICAL

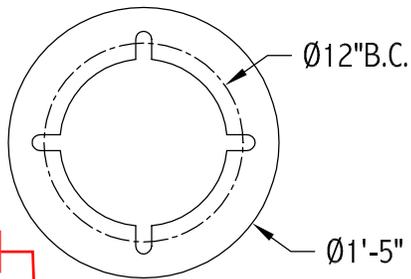
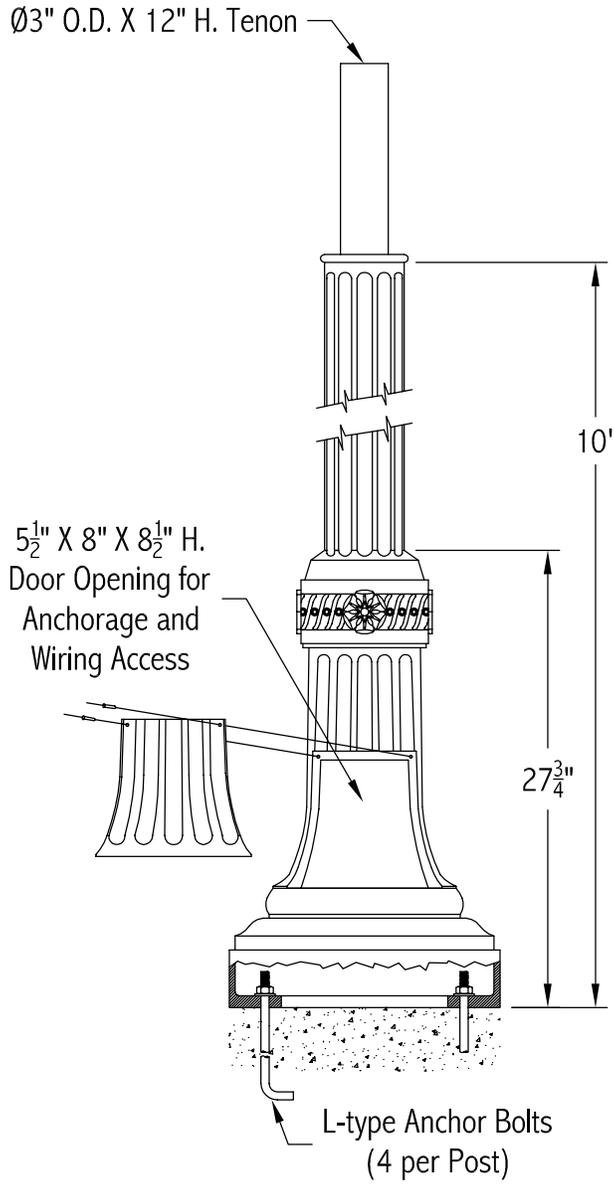
All electrical components and materials shall be UL-recognized and wired by a certified UL technician. All Niland ballasts are high power factor rated for 30°C/-20°F starting. Medium and Mogul base sockets are 5KV rated. The electrical assembly is prewired with quick disconnects for servicing. Fixture shall be UL certified for wet locations and carry all HID listings required. Ballast components shall carry the ballast manufacturers limited warranty of two years.

WARRANTY

Niland Company warrants to repair or replace, at our option, any equipment that fails due to defects in material or workmanship within one year from date of shipment. This warranty does not include failures as a result of improper installation, mishandling or misapplication. This guarantee is limited to repair or replacement only and does not include reimbursement for expense of installation, removal of equipment, transportation or any other expenses that may be incurred. Authorization must be obtained from Niland Company in El Paso, Texas before any material is returned.



Niland Company



POST MODEL

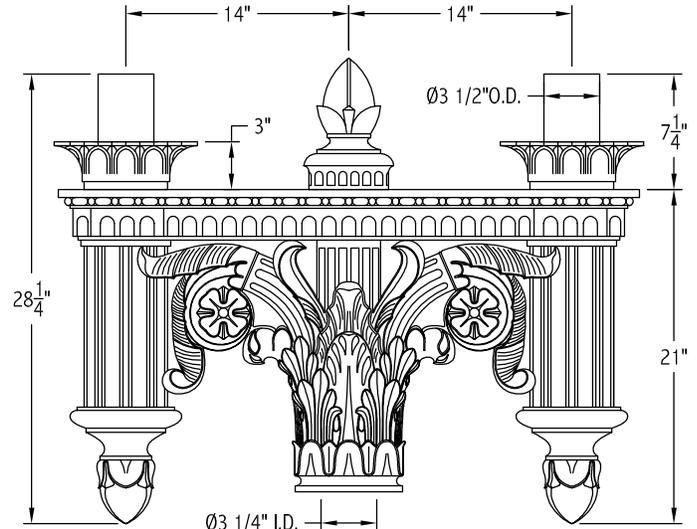
SCALE: 1" = 1'-0"

CL-17-F5-10

BASE & LUMINAIRE

CL-17-F5-10-CP2-CP-5015-BOR

CAPITOL DOUBLE: CP2

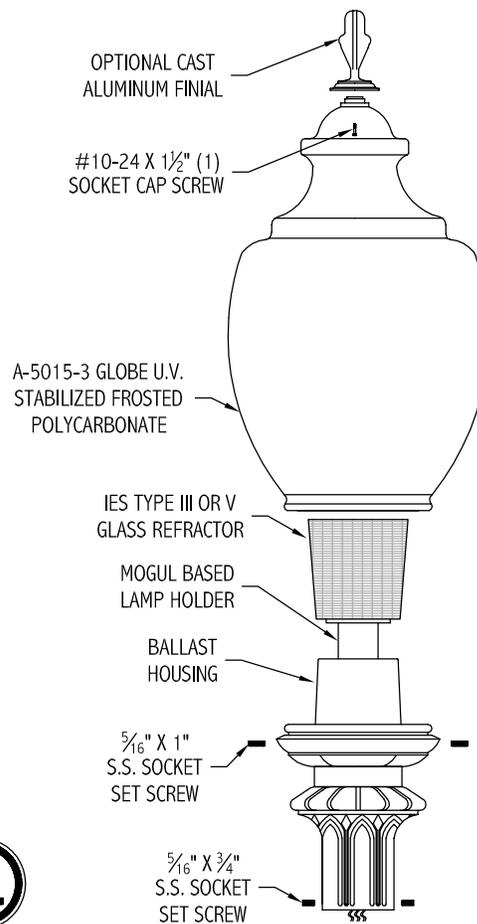


FIXTURE MODEL

SCALE: 1" = 1'-0"

CP2-CP-5015-BOR- - - - -
Ballast Watts Volts Refractor Color

CP-5015-BOR



SCALE: 1" = 1'-0"



Niland Company