



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**Georgia Division**

June 30, 2015

61 Forsyth Street S.W.  
Suite 17T100  
Atlanta, Georgia 30303  
Phone 404-562-3630  
Fax 404-562-3703  
Georgia.fhwa@fhwa.dot.gov

In Reply Refer To:  
HPE-GA

Russell McMurry, P.E. Commissioner  
Georgia Department of Transportation  
One Georgia Center  
600 West Peachtree Street, NW  
Atlanta, GA 30308

Dear Commissioner McMurry:

We have reviewed the request to use proprietary items on Austell Streetscape Project Phase II, PI 0010726, Cobb County – City of Austell.

FHWA accepts the Certification provided by the City of Austell, that the following items are essential for aesthetic synchronization to match the visual appearance of existing facilities previously installed in the City.

- Utility Arlington Series Luminaire Full Cutoff LED
  - Model ARU-14DHP-MT-B-G3-S
  - Manufacturer - Holophane
- Salem Aluminum Pole
  - Model SMA-14-F4J-13-P07-ABG\*-BK-S156D-S120D-R162D-2BAB-24-H-BK-FGUIS-S-BK
  - Manufacturer - Holophane

Therefore, FHWA finds that it is acceptable to use the above listed items for the purpose of synchronization with existing facilities. This approval is only applicable for use on Federal Project Number 0010(726), PI 0010726, in Cobb County – City of Austell.

If you have any questions, please contact Alvin Gutierrez, Transportation Engineer, at (404)562-3632.

Sincerely,

 Rodney N. Barry, P.E.  
Division Administrator

Cc: Dave Peters, Conceptual Design Group Manager

Russell McMurry, P.E., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW  
Atlanta, Georgia 30308  
Telephone: (404) 631-1000

May 9, 2015

Mr. Rodney Barry – Division Administration  
Federal Highway Administration  
61 Forsyth Street, Suite 17T100  
Atlanta, GA 30277  
**Attention: Melinda Roberson**

Subject: Request for Proprietary Items Usage  
PI # 0010726  
Austell Streetscapes – Phase II  
City of Austell, Cobb County

Mr. Barry:

Please review the attached request from the City of Austell for the use of proprietary light poles and luminaires along the Austell Streetscape Project, P.I. Number 0010726. Portions of this project are located along US78/US278/SR5/SR8/Veterans Memorial Highway (Project Location Map attached).

The City of Austell has previously installed identical items in the project vicinity as part of the Austell Downtown Streetscapes Project, P.I. Number 0006981. In order to ensure aesthetic continuity within the City of Austell's NRHP eligible historic district, the City of Austell respectfully requests approval to utilize the requested lighting items.

The Department considers the use of the proposed proprietary items to be in compliance with 23 CFR 635.411 for aesthetic synchronization.

Should you have any questions or concerns, please contact Dave Peters at 404-631-1738 or Jeanne Kerney at 404-631-1982.

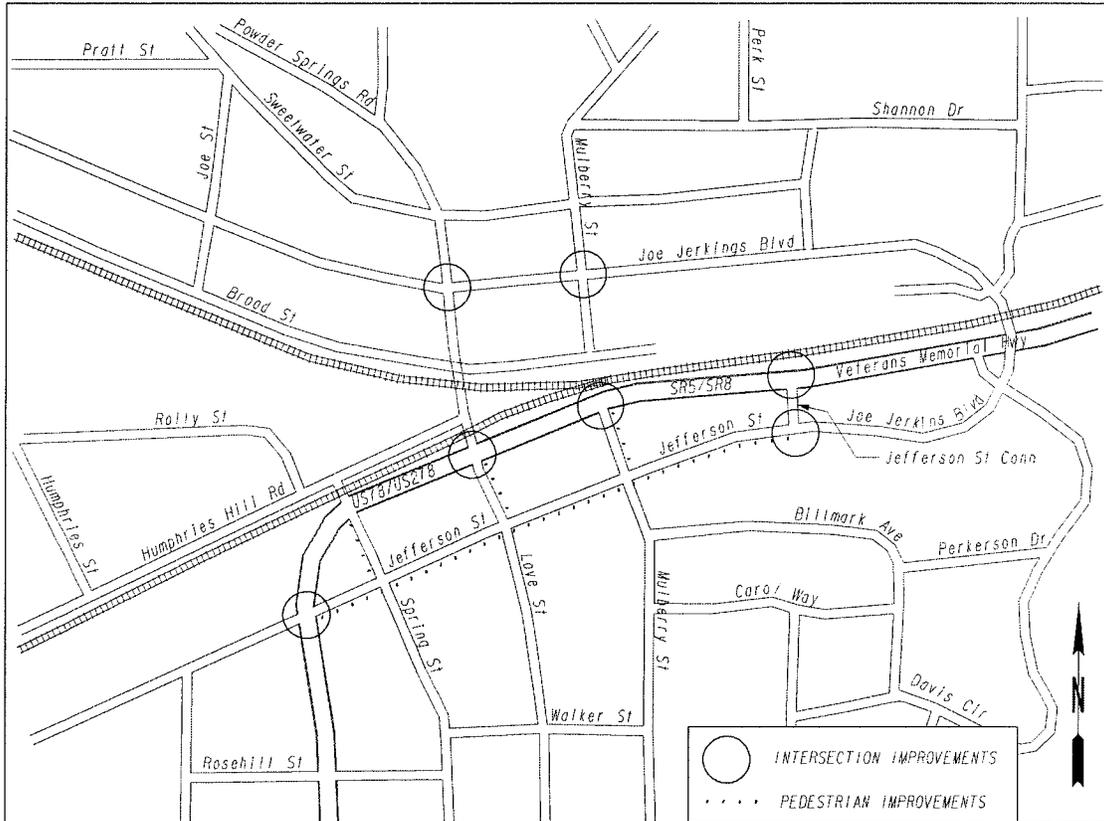
Sincerely,

A handwritten signature in blue ink, appearing to read 'Brent Story'.

Brent Story, P.E.  
State Design Policy Engineer

BAS:drp

Attachment



LOCATION MAP  
 CITY OF AUSTELL  
 COBB COUNTY, GA

P. I. 0010726  
 AUSTELL STREETSCAPE PHASE II



**AUSTELL PUBLIC WORKS**

5000 Austell-Powder Springs Road • Suite 105  
Austell, Georgia 30106-2427

Randy L. Bowens  
Director

Office: (770) 944-4325  
Fax: (770) 944-4335

E-mail: info@austellga.gov  
Internet: www.austellga.gov/pw

Duane R. Demeritt, CFM, CECI  
Floodplain Administrator  
Operations Manager

May 19, 2015

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

**Subject: Use of Proprietary Items for  
GDOT PI: 0010726, Cobb County  
Austell Streetscapes @ 7 Locations – Phase II**

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 Austell, Transportation Enhancement Project, Austell Streetscapes at Seven Locations – Phase II, PI# 0010726, I request to use the item(s) documented in this letter based on Federal Guidance in the category of ~~Public Interest Finding (PIF)~~ <sup>DP</sup> *Aesthetic Synchronization*. The following items are proposed for use:

For the Austell Streetscapes at Seven Locations – Phase Two Project, PI# 0010726, the following proprietary items are proposed for use:

**Utility Arlington Series Luminaire Full Cutoff LED**

Manufacturer: Holophane  
Finish: N/A  
Model: ARU-15DHP-MT-B-G3-S  
Color: Black

**Salem Aluminum Pole**

Manufacturer: Holophane  
Finish: Black  
Model: SMA-14-F4J-13-P07-ABG\*-BK-S156D-S120D-R162D-2BAB-24-H-BK-FGUIS-S-BK  
Color: Black

Quantity in Project: 40  
Total Estimated Cost for Light Poles and Luminaires: \$240,000

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 \$600,000.00. The cost of \$240,000 for proprietary items represents 40% of the estimated construction costs.

*City of Opportunity. Moving Forward!*

The project is entirely within an NHRP eligible historic district where these items have already been approved for use. The specific product was recently installed by phase 2 of the Austell Downtown Streetscapes LCI project (GDOT PI# 0006981). The City of Austell respectfully requests that the use of these proprietary products be approved.

I, Randy Bowens, Director, of the City of Austell Public Works, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that this patented or 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 of Austell and for compatibility with the City of Austell Design Guidelines.

Sincerely,



Randy L. Bowens  
Director of Public Works  
City of Austell

Attachments:

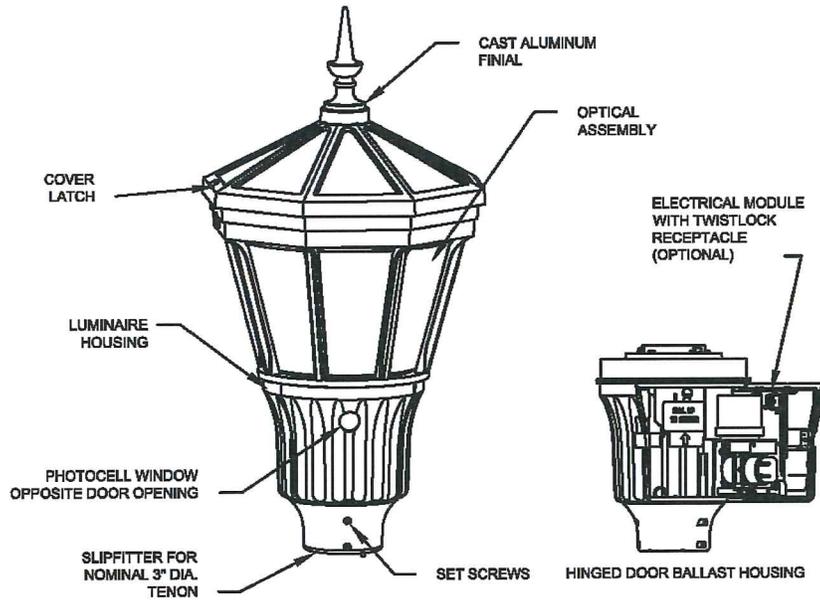
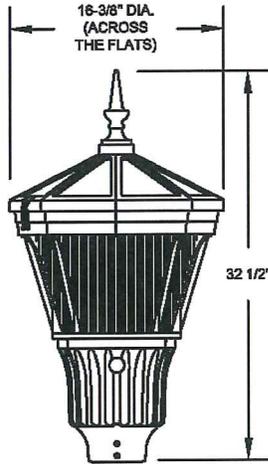
1. Photograph of existing Utility Arlington Series Luminaire Full Cutoff LED on Salem Aluminum Pole
2. Manufacturer Details
  - a. Halophane: Utility Arlington Series Luminaire
  - b. Halophane: Salem Aluminum Pole
3. An evaluation of the pool of potential products, and a description of why these products cannot meet the contracting agency's needs.

Attachment 1- Photograph of Existing Arlington Luminaire on Salem Pole



Figure 1: Utility Aluminum Series Luminaire Full Cutoff LED on Salem Aluminum Pole  
Location: East of intersection Jefferson Street at Jefferson Street Connector and Joe Jerkins Blvd

Maximum weight - 47 lbs  
Maximum effective projected area - 1.38 sq. ft.



**Utility Arlington®  
Series Luminaire**

**DECORATIVE  
OUTDOOR**



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**ORDERING INFORMATION:**

**ARU**

ARU

050HP

12

B

G3

B

**BALLAST TYPE (MOGUL BASE)**  
050HP = 50W HPS  
070HP = 70W HPS  
100HP = 100W HPS  
15AHP = 150W 55V HPS  
150MH = 150W MH (NOT AVAIL W/ 480V)  
\*\*175MH = 175W MH  
175PM = 175W PULSE MH (NOT AVAIL W/ 347V or 480V) Ⓢ

**BALLAST TYPE (MEDIUM BASE)**  
50DHP = 50W HPS  
70DHP = 70W HPS  
10DHP = 100W HPS  
15DHP = 150W 55V HPS  
70DMH = 70W MH (NOT AVAIL. W/ 480V)  
10DMH = 100W MH (NOT AVAIL. W/ 480V)  
15DMH = 150W MH (NOT AVAIL W/ 480V)  
\*\*17DMH = 175W MH

**VOLTAGE**  
12 = 120 VOLT  
20 = 208 VOLT  
08 = 208V ISOLATED SECONDARY CUL \*  
24 = 240 VOLT  
40 = 240V ISOLATED SECONDARY CUL \*  
27 = 277 VOLT  
34 = 347 VOLT (C.U.L.)  
48 = 480 VOLT  
MA = MT PREWIRED FOR 120V  
MB = MT PREWIRED FOR 208V  
MC = MT PREWIRED FOR 240V  
MD = MT PREWIRED FOR 277V  
MT = MULTITAP (120, 208, 240, 277 VOLT)  
\* MUST BE HANDLED THROUGH TSG

**COLOR**  
A = AS SPECIFIED  
B = BLACK  
D = DARK GREEN RAL8005  
E = BROWN GREEN RAL8008  
F = DARK GREEN RAL8009  
H = DARK GREEN RAL6012  
N = GREEN  
W = WHITE  
Z = BRONZE

**OPTICS**  
G3 = ASYMMETRIC GLASS REFRACTOR  
A3 = ASYMMETRIC ACRYLIC REFRACTOR  
A5 = SYMMETRIC ACRYLIC REFRACTOR  
P3 = ASYMMETRIC POLYCARBONATE REFRACTOR  
P5 = SYMMETRIC POLYCARBONATE REFRACTOR

**FINIAL (FACTORY INSTALLED)**  
B = BALL  
S = SPIKE

\*\*NOT AVAILABLE FOR SHIPMENT IN US AFTER 12/31/08 DUE TO EISA 2007 LEGISLATION.

**OPTIONS**

- C = IES CUTOFF
- H = NEMA TWISTLOCK PHOTOCONTROL RECEPTACLE ONLY
- L1H = 1.5 FEET OF PREWIRED LEADS
- L03 = 3 FEET OF PREWIRED LEADS
- L10 = 10 FEET OF PREWIRED LEADS
- L20 = 20 FEET OF PREWIRED LEADS
- L25 = 25 FEET OF PREWIRED LEADS
- L30 = 30 FEET OF PREWIRED LEADS
- NE = NEMA LABEL
- P = PROTECTED STARTER FOR HPS UNITS ONLY (NOT AVAILABLE W/ VOLTAGE CODES 08 OR 40)
- P27 = DTL TWISTLOCK PHOTOCONTROL 120-277 VOLT
- P48 = DTL TWISTLOCK PHOTOCONTROL 480 VOLT
- PSC = SHORTING CAP

**ACCESSORIES**

- LAMP = SHIP APPROPRIATE LAMP AS LINE ITEM. SEE LAMP SHEET
- IG-5 = PLUG-IN REPLACEMENT STARTER FOR HPS UNITS
- IG-6 = PLUG-IN REPLACEMENT PROTECTED STARTER FOR HPS UNITS
- IG-7 = PLUG-IN REPLACEMENT STARTER FOR 70/10/150MH UNITS
- IG-30PLUGIN = PLUG-IN REPLACEMENT STARTER FOR 175PM UNITS

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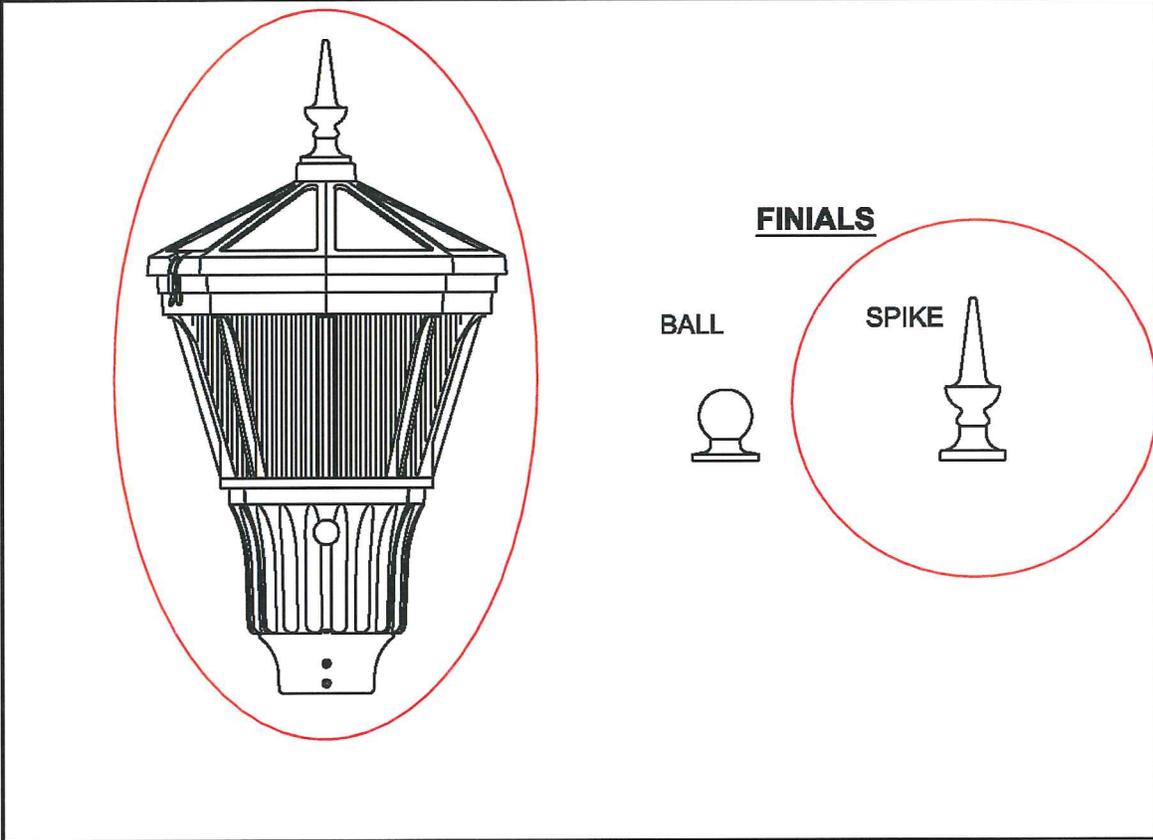
ORDER #:

TYPE:

DRAWN: JCH

DATE: 6/8/10

DWG #: US-2584



**Utility Arlington®  
Series Luminaire**

**DECORATIVE  
OUTDOOR**



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**Specifications**

**GENERAL DESCRIPTION**

The Utility Arlington is designed for ease of maintenance with the plug-in electrical module common to each of the luminaires in HoloPhane's Utility Luminaire Series. A precision optical system maximizes post spacings while maintaining uniform illumination.

**OPTICAL SYSTEM**

The optical system consists of a precisely molded refractor operating in conjunction with a formed anodized aluminum reflector located in the top cover. Positive pressure from three coiled springs backing the reflector and gaskets at the top and bottom of the refractor create a sealed optical compartment. Refractors designed to provide an I.E.S. Type III distribution are available molded from thermal resistant borosilicate glass and acrylic or polycarbonate plastic. Type V refractors are available in acrylic or polycarbonate only. An IES cutoff option is available.

**LUMINAIRE HOUSING**

The luminaire housing, cast of aluminum, cradles the refractor and provides an enclosure for the plug in electrical module. The nickel plated lamp grip socket and the three station incoming line terminal block are pre-wired to a five conductor receptacle for ease in connecting the electrical module. A slipfitter will accept a 3" high by 2 7/8" to 3 1/8" O.D. pole tenon.

**LUMINAIRE HOUSING / DOOR**

Cast of aluminum, the housing / door is removable without the use of tools and is retained by a nonconductive lanyard. For units with an E.E.I.-N.E.M.A. twist lock photocell receptacle, the door contains an acrylic "window" to allow light to reach the cell.

**ELECTRICAL MODULE**

The ballast components are mounted on a steel plate that is removable without the use of tools. A matching five conductor plug connects to the receptacle in the luminaire housing to complete the wiring. Where a starting aid is required, it is provided with a separate plug-in connector and can be replaced without the use of tools. For photoelectric operation, the electrical module is provided with an E.E.I.-N.E.M.A. twist lock photocell receptacle.

**TOP COVER**

The octagonal cover, cast of aluminum, is attached to the top ring of the luminaire housing by a stainless steel piano hinge and latched by an overcenter, positive action, stainless steel latch which allows tool-less entry to the lamp chamber for relamping.

**BALLASTS**

(Refer to the Ballast Handbook for specific operating characteristics)  
50 watt 120 volt High Pressure Sodium (HPS) ballasts are High Power Factor Reactor type. All other HPS ballasts are High Power Factor Autotransformer type.  
175 watt Metal Halide (MH) ballasts are Peak Lead Autotransformer type. 70 and 100 watt MH units are available only with High Power Factor High Reactance type ballasts.

**FINISH**

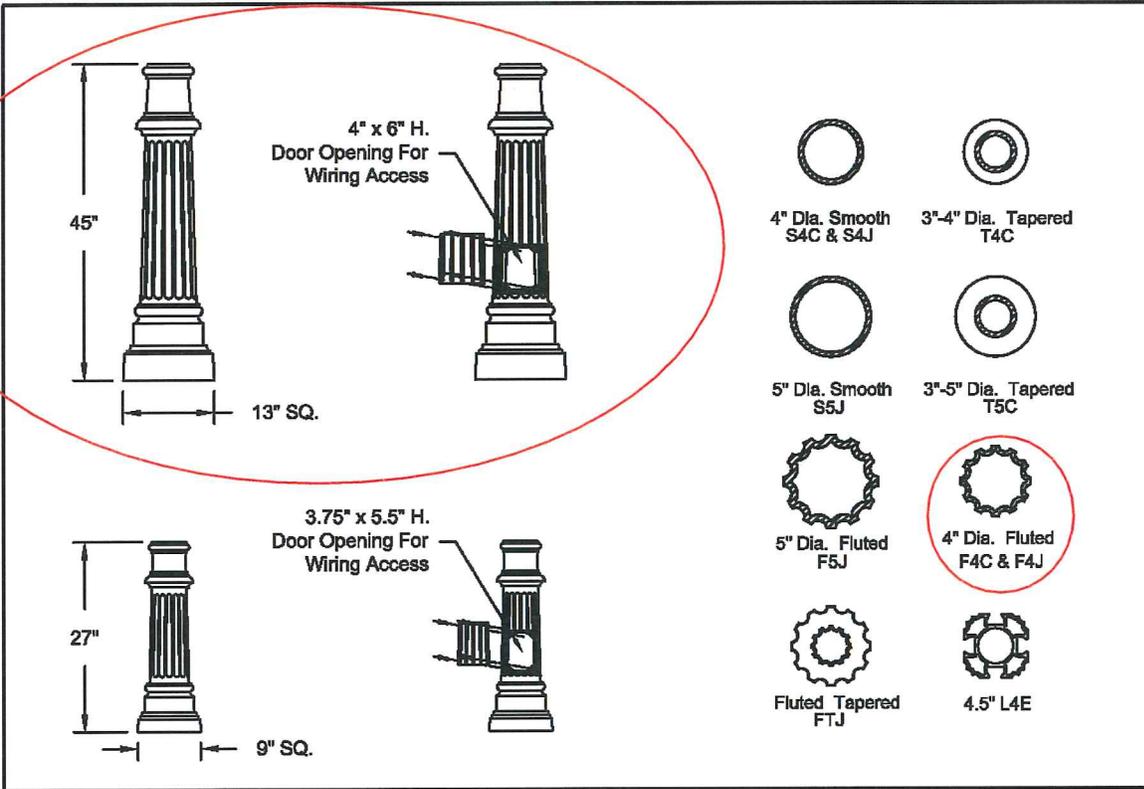
The luminaire is finished with polyester powder paint to insure maximum durability.

**UL**

The luminaire is UL listed as suitable for wet locations at a maximum of 40 degrees C ambient temperature.

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DATE:	6/8/10
DWG #:	US-2564



**SALEM™**  
**Architectural Outdoor**  
**Aluminum Pole**

**ORDERING INFORMATION:**

SM	A	Height	Shaft Style
Post	Material		
SM = Salem	A = Aluminum	06 = 6' 07 = 7' 08 = 8' 10 = 10' 12 = 12' <b>14 = 14'</b> 16 = 16'	13" Base FTJ 10 = 10'-4" 12 = 12'-4" 14 = 14'-4" 16 = 15'-10"

Base	Tenon	Mounting	Finish
9 = 9" Square (TMP-69) <b>13 = 13" Square (TMP-88)</b> (L4E = TMP40006)	P01 = POLE CAP P02 = 2.38" O.D. X 4" LG. P05 = 3" O.D. X 4" LG. <b>P07 = 3" O.D. X 3" LG.</b> P08 = 3" O.D. X 5" LG. P09 = 3" O.D. X 6" LG. P10 = 3" O.D. X 9" LG. (3" O.D. = ACTUAL SIZE 18 2.88" O.D.)	P11 = 4.38 O.D. x 12" LG. P12 = 3" O.D. X 12" LG. P13 = 3" O.D. X 8" LG. P14 = 3" O.D. X 14" LG. P15 = 3.5" O.D. X 8" LG. P16 = 4.5" O.D. X 10" LG. PT1 = VGC Plate	ABG = Anchor Bolts Galvanized Steel LAB = Less Anchor Bolts DBB = Direct Burial Base  BK = Black BD = Dark Blue BZ = Bronze GH = Graphite GN = Green  GR = Gray FP = Prime Painted SL = Silver WH = White

**SPECIFICATIONS**

**DESCRIPTION**

The lighting post shall be all aluminum or cast aluminum, one-piece construction, with a classic square base design.

**MATERIALS**

The base shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The straight shafts shall be extruded from aluminum, ASTM 6061 alloy, heat treated to a T6 temper. The tapered shaft shall be extruded from aluminum, ASTM 6063 alloy, spun to a tapered shape, then heat treated to a T6 temper. All hardware shall be tamper resistant stainless steel. Anchor bolts to be completely hot dip galvanized.

**CONSTRUCTION**

The shaft shall be double welded to the base casting and shipped as one piece for maximum structural integrity. The shaft shall be welded inside the base casting at the top of the access door, and externally where the shaft exits the base. All welding shall be per ANSI/AWS

**DIMENSIONS**

The post shall be X'-XX" in height with a 9" or 13" diameter base. The shaft diameter shall be XX". At the top of the post, an integral tenon with a transitional donut shall be provided for luminaire mounting.

**INSTALLATION**

The post shall be provided with four, hot dip galvanized L-type anchor bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

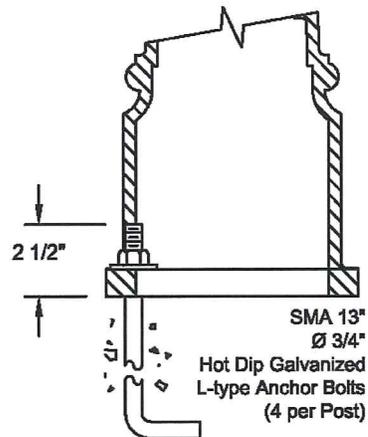
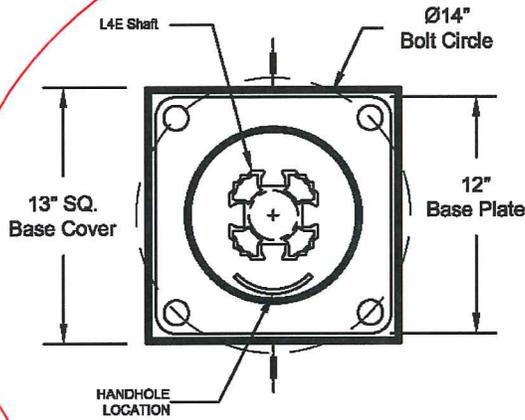
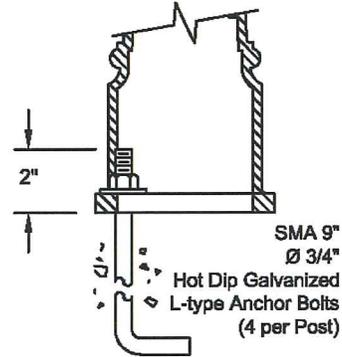
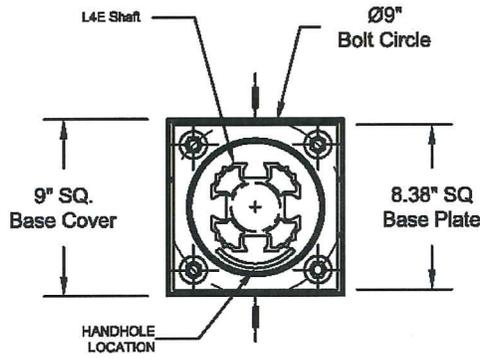
2 - Replace "000" with height from grade (inches), can be up to 3 digits. Must use whole numbers. Leading zeros are not used. Replace Y with orientation from hand hole (A=0, B=90, C=180, D=270). Add multiple provisions as necessary to cover each location. Must validate EPA restrictions for banners.

**HOLOPHANE®**  
 LEADER IN LIGHTING SOLUTIONS  
 An Acuity Brands Company  
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DWG #:	POL_SMA

# ANCHORAGE GUIDE



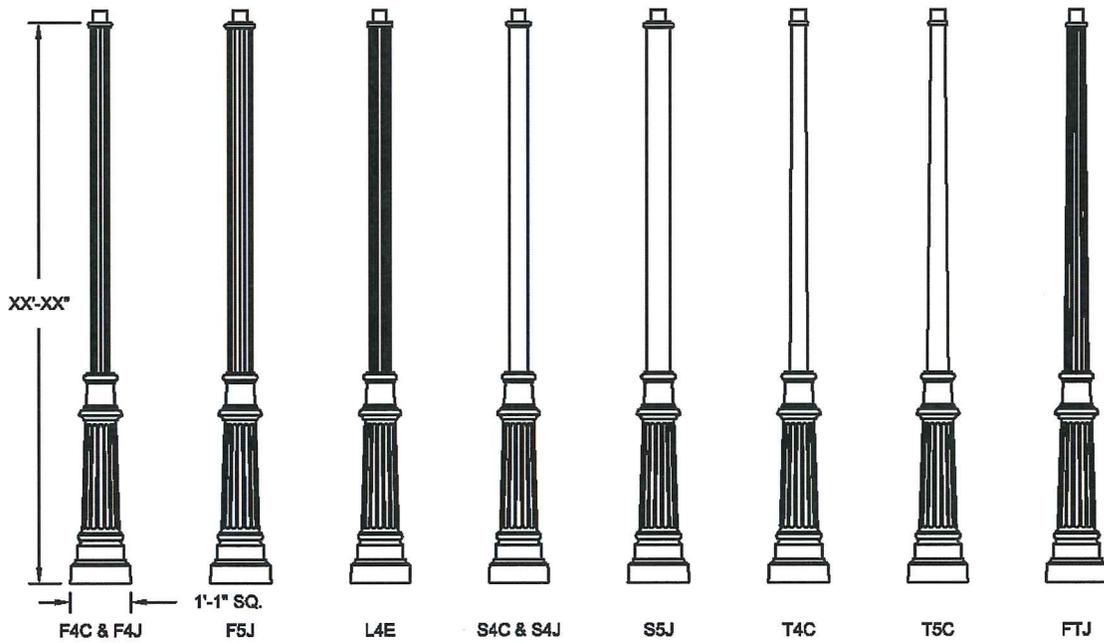
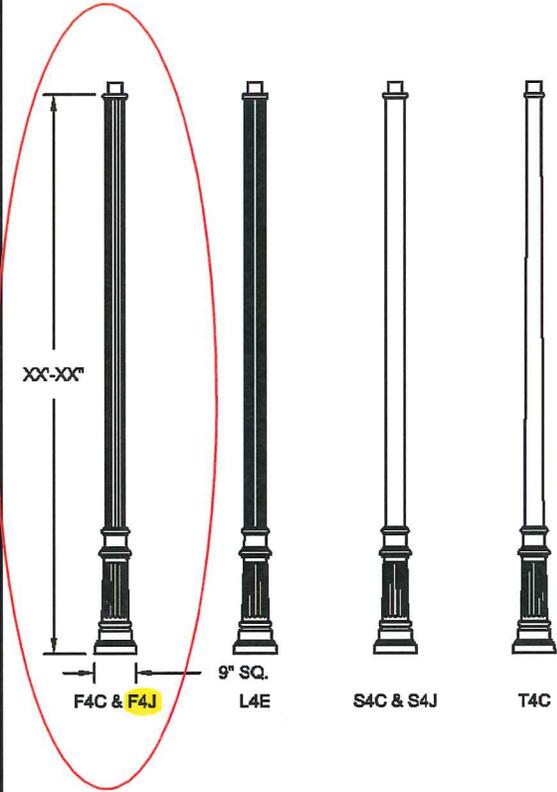
**SALEM™**  
Aluminum Pole

Architectural  
Outdoor

**HOLOPHANE®**  
LEADER IN LIGHTING SOLUTIONS  
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DWG #: POL_SMA	



**SALEM™**  
Aluminum Pole

Architectural  
Outdoor



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ORDER #:	
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DATE: 7/1/13	
DWG #: POL_SMA	
3 of 3	

PI# 0010726, Cobb County  
Austell Streetscapes @ 7 Locations  
Proprietary Items Evaluation of Pool of Potential Products

<p>Utility Arlington Series Luminaire Full Cutoff LED on Salem Aluminum Pole</p>	<p>This project is entirely within an NRHP eligible historic district, where the Arlington Luminaire has already been approved for use within said district. It is essential to utilize this specific product in order to allow for aesthetic synchronization with existing highway facilities, which have been previously purchased by the City and installed in other parts of the District. Most recently, this specific product was installed under an adjacent project GDOT PI# 0006981, Austell Downtown Streetscape, Phase 2 - LCI, Cobb County.</p>
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