Ivins City Staff Report
City Council Meeting 11/21/2019

Agenda Item: Discuss and consider approval of a final street light standard detail

Submitted by: Charles R. Gillette, P.E. City Engineer

Recommended City Council Action:
Approve final street light standard details as attached to be incorporated into the Standard Specifications

BACKGROUND:
The City Council has approved a standard, but there have been some suggested adjustments that need to be ratified by City Council.

FINDINGS AND ANALYSIS:
Some suggested adjustments in the final street light detail have been suggested. A version of the final version including the adjustments is incorporated into the streetlight fixture that was set at 75 South 400 West. City Council is encouraged to visit the site in the daytime and nighttime prior to the discussion. Also, a picture of the new streetlight fixture (from the 75 S 400 W location) is incorporated into the final standard drawing that is proposed for approval.

The new adjustments are:

- Remove the glass globe – the glass globe is a clear lens that looks great upon initial installation, but over time, since it is an acrylic glass will oxidize and slowly become clouded. This will contribute to uplight and glare that we are trying to eliminate to the reasonably extent possible.
- House Side Shield – the approved specification indicates a need for the house side shield but did not specify its full appearance. This detail shows exactly what it is to look like.
- Other minor changes to better match original intent of last approval.

SUPPORT MATERIALS:
- Proposed revision of Standard Drawings L-01 and L-02.

FINANCIAL IMPACT:
None.

Respectfully Submitted:

Charles R. Gillette, P.E. City Engineer

Content Review:

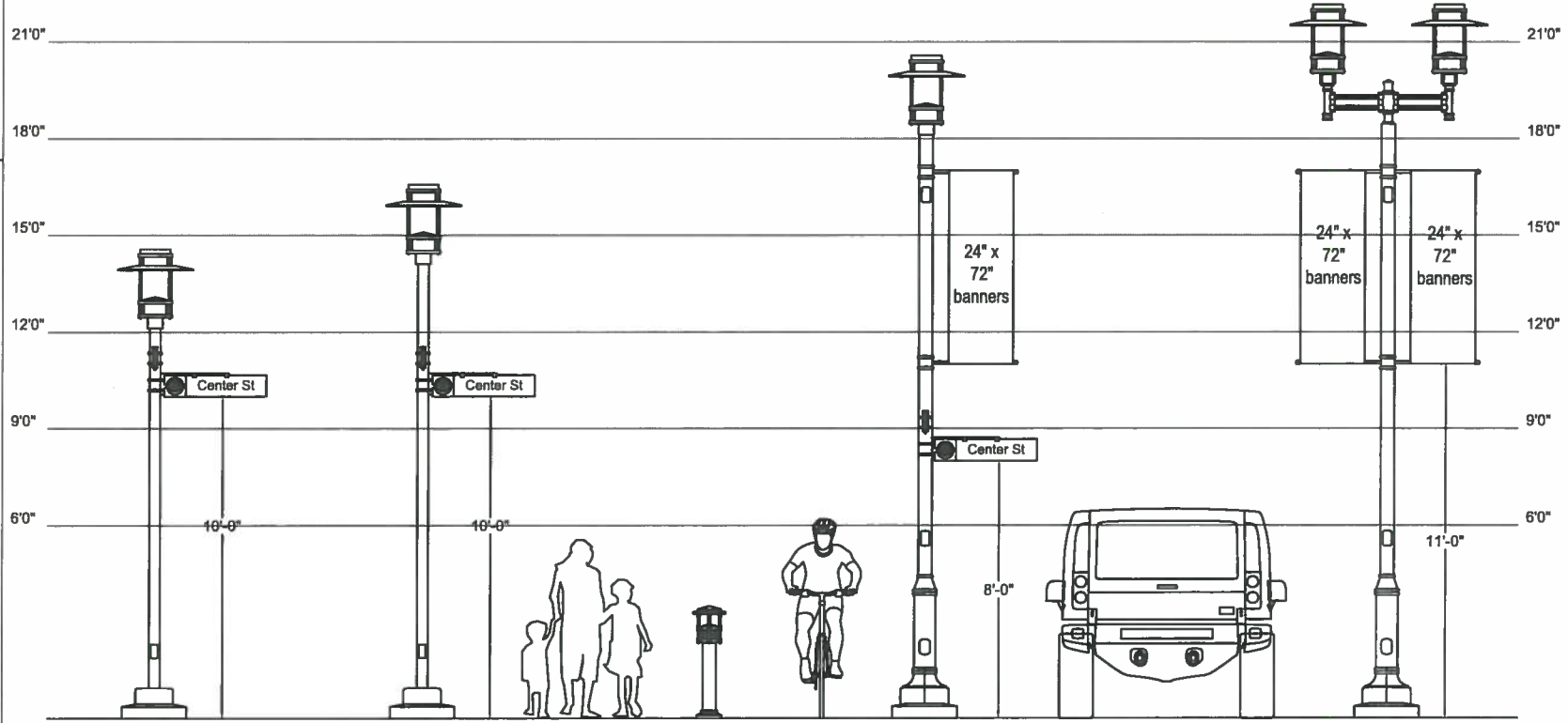
Dale Coulam, City Manager

IVINS CITY
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rev. 11-2019

IVINS CITY

STREET LIGHTING PERSPECTIVE



12' Pole
For All Streets in Rural Zone

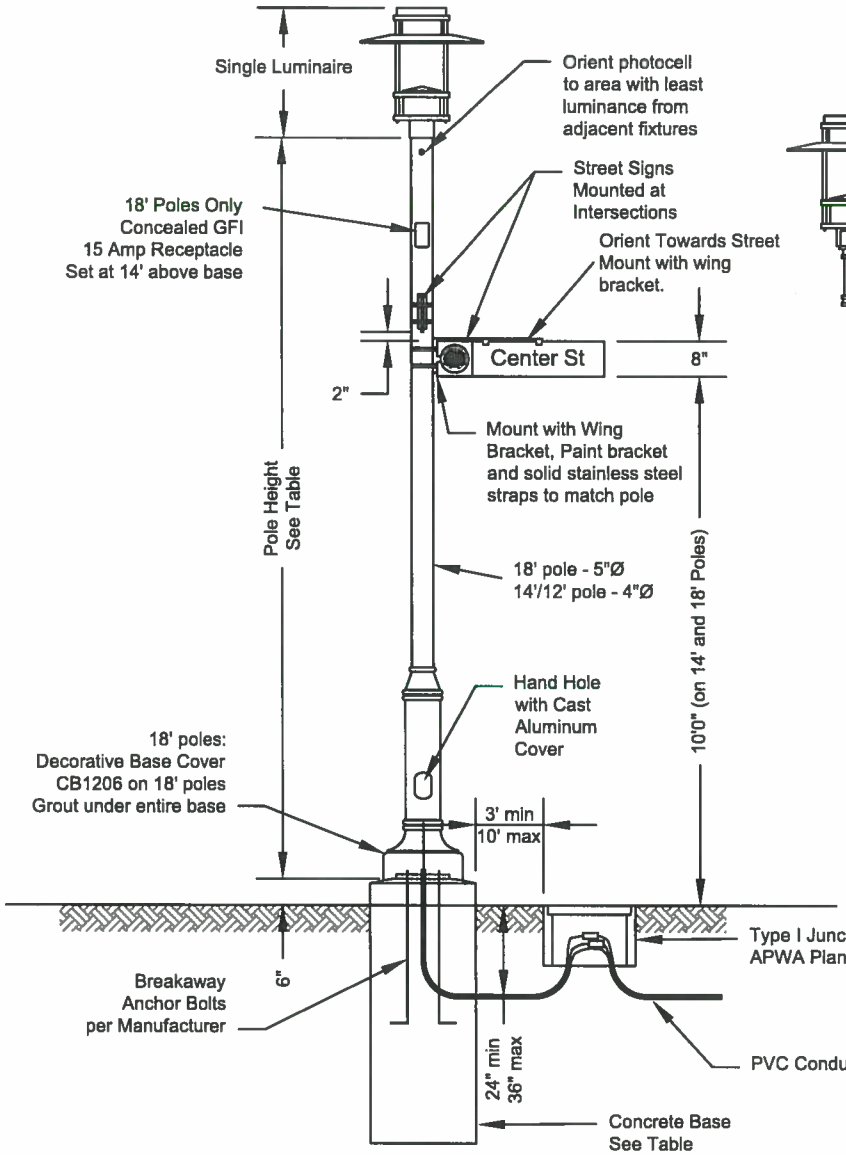
14' Pole
Collectors For street corners

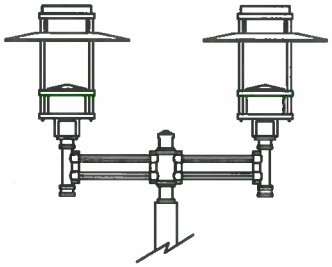
Bollard
On Trails adjacent to Arterials and Major Collectors

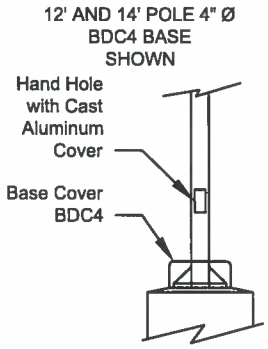
18' Pole
Arterials For street corners

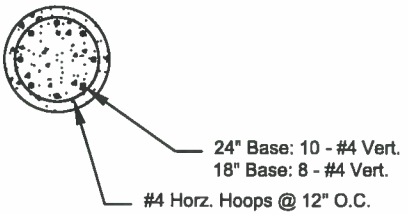
18' Pole - Double
Arterials For median placements

Standard Drawing L-01





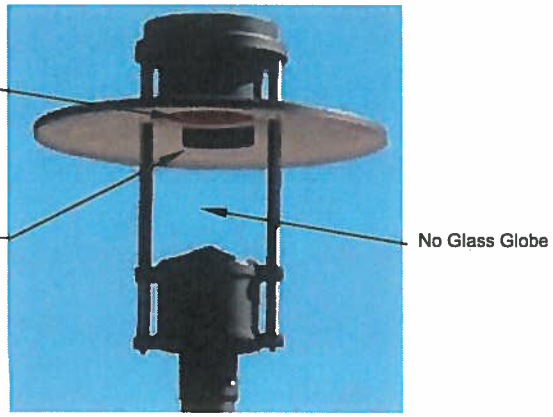




Pole Height Table

Pole Height	Fixture	Pole
18'	LA160	5" (BD5S18)
14'	LA160	4" (BD4S14)
12'	LA160	4" (BD4S12)

Mfg: ANP Lighting www.anplighting.com
Fixture has been modified specific for Ivins City
See Section 2.10 of Standard Specifications for more details



Concrete Base Table

Pole Height	Base Depth	Base Diameter
18'	6'	24"
14'/12'	4'	18"

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STREET LIGHTING

Standard Drawing L-02