Modification or Addition to Improvement
Standards and Details

Modification Number: SL30 & 31Rev2

Effective Date of Change: 3/18/2008

Modification:

1. Revision 2 to standard drawing #SL30 and SL31
   - Changed the material specs for the cross arm to steel pipe instead of aluminum
   - Changed Holophane’s cross arm model number to meet the requirement.

Amended specifications are attached. Projects with preconstruction conference prior to effective date not subject to modification.

Effect of Modification:

1. This modification will address the sagging problem with the aluminum cross arms. (See attached pictures).

Request for Modification Initiated By: [Signature] 4/17/09

Modification Reviewed for Conformity and Consistency to Standards:

City Engineer [Signature] 4/17/08

Modification to Improvement Standards Approved:

Director of Public Works [Signature] 4/17/08
APPLICATION
WIDE MEDIANS ON ARTERIALS AND THOROUGHFARES

SPECIFICATIONS
POST BASE

POST SHAFT
THE POST SHAFT SHALL BE 11-GAUGE STEEL WITH A STEEL PLATE FOR MOUNTING TO THE BASE. THE OCTAGONAL SHAFT TAPERS FROM 8" (FLAT TO FLAT) AT THE BOTTOM TO 4-3/8" AT THE TOP, WITH A DECORATIVE OCTAGONAL FINIAL.

CROSSARM
THE CLAMP ON CROSSARM SHALL BE STEEL PIPE CONSTRUCTION WITH FLAT BAR SCROLLS AND 1-1/2" X 1/2" FLAT BAR CLAMP-ON BRACE. A SLEEVE GASKET SHALL BE INSTALLED TO PREVENT ARM MOVEMENT. ARMS SHALL HAVE A 2" PIPE SLEEVE FOR LUMINAIRE MOUNTING. THE CROSSARM MEASURES 52" FROM POST TO LUMINAIRE CENTERS. A LUMINAIRE LEVELING FITTER SHALL BE MOUNTED TO THE END OF THE PIPE ARM FOR LUMINAIRE MOUNTING.

FINISH
THE POST SHALL BE SHIPPED FINISHED WITH A STANDARD HOLOPHANE BLACK POWDER COAT FINISH.

NOTE
ALL HARDWARE STAINLESS STEEL. ALL EXTERIOR HARDWARE TAMPER RESISTANT. BASE AND SHAFT TO BE SHIPPED AS A ONE-PIECE UNIT.

HALOPHANE MODEL #:
28' EIGHT SIDED - TAMPER PROOF - AB - TLP522-CS/BK (TWO SCROLLS) - FINIAL - TAMPER PROOF HARDWARE HH - (2)WLF/200-S/C/BA - ESU20A/HPCBS4 R

APPROVED ALTERNATIVE:
The City of Elk Grove may accept the following as an alternative:
POLE: UNION METAL: DESIGN NO. B40094-B15-Y1
FIXTURE: LUMEC: 2/2R30-150HP-THA23-GL-QT/120-SMA-PH8-BKTX
FINISH: BLACK POWDER COAT
APPLICATION

ARTERIAL (REDUCED MEDIAN) AND COLLECTOR STREETS

SPECIFICATIONS

POST BASE


POST SHAFT

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FINISH

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NOTE

ALL HARDWARE STAINLESS STEEL. ALL EXTERIOR HARDWARE TAMPER RESISTANT. BASE AND SHAFT TO BE SHIPPED AS A ONE-PIECE UNIT.

DESCRIPTION


HALOPHANE MODEL #: 28' EIGHT SIDED - TAMPER PROOF - AB - TLP5211-CS/8BK (TWO SCROLLS) - FINAL - TAMPER PROOF - HARDWARE HH - (2) WLLF/200-SCA/8BK - ESU20AHPMCB4 R

APPROVED ALTERNATIVE:

THE CITY OF ELK GROVE MAY ACCEPT THE FOLLOWING AS AN ALTERNATIVE:

POLE: UNION METAL: DESIGN NO. B40094-B14-Y1
FIXTURE: LUMEC: RN30-150HP-S/THA3-GL-QTA/20-SMA-PH8-BKTX
FINISH: BLACK POWDER COAT

DATE: 12/07/2007

NOT TO SCALE

CITY OF ELK GROVE - PUBLIC WORKS

ZONE 2 ELECTROLIER
(SERIES 'A')

APPROVED BY:

CITY ENGINEER

DRAWING NUMBER
SL - 31