Modification or Addition to Improvement Standards and Details

Modification Number: 20080904-1

Effective Date of Change: September 9, 2008

Modification:

1. Modified Standard Drawing #SL34
   - Delete "No substitute will be considered. Contractor shall purchase exactly as specified and install."
   - Add "Approved Alternative...."

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

Effect of Modification:

- This modification will allow another manufacturer to provide street light poles for the Zone 2 area.

Request for Modification Initiated By: [Signature] 9-3-09

Modification Reviewed for Conformity and Consistency to Standards: [Signature] 9/4/08

Modification to Improvement Standards Approved: [Signature] 9/4/08
APPLICATION
PEDESTRIAN TRAILS AND RESIDENTIAL STREETS

SPECIFICATIONS
POST DESCRIPTION
THE LIGHTING POST SHALL BE ALL ALUMINUM, ONE-PIECE CONSTRUCTION, WITH A CLASSIC FLUTED BASE DESIGN. THE SHAFT SHALL BE Ø4" SMOOTH. THE POST SHALL BE SHIPPED WITH BLACK POWDER COAT FINISH.

MATERIALS
THE BASE SHALL BE HEAVY WALL, CAST ALUMINUM PRODUCED FROM CERTIFIED ASTM 356.1 INGOT PER ASTM B-179-95A OR ASTM B206-95. THE STRAIGHT SHAFTS SHALL BE EXTRUDED FROM ALUMINUM, ASTM 6061 ALLOY, HEAT TREATED TO A T6 TEMPER. ALL HARDWARE SHALL BE TAMPER RESISTANT STAINLESS STEEL. ANCHOR BOLTS TO BE COMPLETELY HOT DIP GALVANIZED.

CONSTRUCTION

DIMENSIONS
THE POST SHALL BE 14' IN HEIGHT WITH AN 11-1/2" DIAMETER BASE. THE SHAFT DIAMETER SHALL BE 4". AT THE TOP OF THE POST, AN INTEGRAL 3" O.D. 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 TO BE INSTALLED ON AN 7" DIAMETER BOLT CIRCLE. A DOOR SHALL BE PROVIDED IN THE BASE FOR ANCHORAGE AND WIRING ACCESS. A GROUNDING SCREW (5/8") SHALL BE PROVIDED INSIDE THE BASE OPPOSITE THE DOOR.

HALOPHANE MODEL #
CH144S4/12-CABK - GVU100HPMTB7NNU H

APPROVED ALTERNATIVE:
THE CITY OF ELK GROVE MAY ACCEPT THE FOLLOWING AS AN ALTERNATIVE:
POLE:
UNION METAL: DESIGN NO. P99-B360-Y1
FIXTURE:
HADCO GE5KLNN2APRG100SE
FINISH:
BLACK POWDER COAT

CITY OF ELK GROVE - PUBLIC WORKS
ZONE 2 ELECTROLIER
(SERIES 'B')

NOT TO SCALE
SEE DRAWING NUMBER SL-3 FOR FOUNDATION DETAIL

DATE: 09/04/2008
REVISION BY APPROVED DATE
1 DC FB 9/4/2008

APPROVED BY:
CITY ENGINEER

DRAWING NUMBER
SL - 34