



**Cannery Grade Separated Crossing
CIP No. 8288**

FIELD INSTRUCTION NO. 11

Date: 10/3/18

To: Northern Pacific Corporation

From: City of Davis
Public Works Department
1717 Fifth Street
Davis, CA 95616

Subject/Item: Wall Lighting Electrical Installation

Location: Ret Wall 2
Doc Ref (PCO/CCO):
Dwg Ref: Sheet L-1
Spec Ref:

DESCRIPTION:

1. Install 2-inch diameter Schedule 40 PVC conduit in below concrete path, at the bottom of the AB section, and within 12-inches the East side of retaining wall 2. Electrical source shall be the pullbox adjacent to the street light on the East side of the BPl pathway on F Street (approx. Sta 10+20). Install conduit under the pathway from the pull box to the West side of the BPl path.
2. Contractor shall core through the retaining wall blocks, below the wall cap, at five locations as shown on the attached exhibit. 1-inch PVC/GRS or GRS conduit wrapped with 20 mil tape, shall be placed through the wall in these locations. The 1-inch conduit shall have a 1-inch threaded stub extending from the West face of the wall and capped for future use. Place (5) N-9 Christy Boxes along the West side of the BPl pathway at each 1-inch conduit stub out. Each box shall have a 2-inch conduit entering from the South and exiting to the North, and a 1-inch conduit exiting through the retaining wall. (Note: PVC/GRS is PVC coated Galvanized Ridged Steel, GRS is Galvanized Ridged Steel.)
3. Place approximately 450 LF of #6 AWG wire (black, red, white, green), in the 2-inch conduit. All wires shall be copper and shall have a moisture and heat resistant type of thermoplastic insulation (type THW or THWN).

If Change Order is contemplated, check boxes as appropriate. Provide daily T&M Tickets to Project Inspector for any field work required prior to approval of a Lump Sum Change Order.

Estimated Cost: No cost Credit \$0,000 - \$10,000 \$10,001 - \$25,000 Over 25,001

Cost Basis: Lump Sum Time & Material (T&M) Allowance Item No. _____

Classification of Proposed Change: Error Omissions Unforeseen Site Conditions
 Regulatory Issues Owners Requested Change Unavailable Materials
 Other _____

Prepared by: Mike Davis, CM

