

**PARSONS BRINCKERHOFF**

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**RFI Response**

**To:** Caltrans  
**Attn:** Bill Shedd, Rob Feather, Martin Chandrawinata, Stanley Ku  
**Project:** 04-0120F4 - SAS  
**RFI Date:** 08/15/2013  
**RFI No:** 3452R00  
**Subject:** **Barrier Conduit: Additional Penetrations**

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**Background:**

Contractor states that conduit penetrations in the roadway barrier cover plates are required for conduits feeding the Overhead Sign located on the Westbound OBG near panel point PP121.5 and Light poles located on Eastbound and Westbound OBG's near panel point PP119. Contractor is proposing to install conduit penetrations in the roadway barrier cover plates at the following locations:

1. Two (2) conduit penetrations at panel points PP 119+550 and PP 119+1450 for conduits feeding the Light Pole at Westbound OBG
2. One (1) conduit penetration at panel point PP 120+3000 for conduit feeding the Overhead Sign
3. Two (2) conduit penetrations at panel points PP 119+3050 and PP 119+3950 for conduits feeding the Light Pole at Eastbound OBG

Contractor is requesting confirmation whether the proposed conduit penetrations are acceptable.

**Response:**

PB understands that the conduits feeding the Light poles located on Eastbound and Westbound OBG's near panel point PP119 are routed per response to RFI 3080R00. PB notes the conduits routed on the OBG deck shall be supported using Unistrut channels attached to the OBG deck plate.

Per response to RFI 3082R00, conduit feeding the Overhead Sign located on the Westbound OBG near panel point PP121.5 was to be routed through one of the existing penetrations with pipe sleeve assembly in the Westbound OBG deck located under Overhead Sign support assembly per sketches SK-RFI3082R00-E51, SK-RFI3082R00-E101, SK-RFI3082R00-E405. However, it appears that the contractor has routed the conduit through the existing penetration on the west face of Overhead Sign support metal base onto the OBG deck. PB takes no exceptions to this conduit route provided the conduits are supported using Unistrut channels attached to the OBG deck plate. Contractor shall seal the spare existing penetrations under the Overhead Sign support assembly.

PB defers to DJV for confirmation of the installation of proposed conduit penetrations in the roadway barrier cover plates and requirements for "utility penetration hood assembly" installation.

**Potential Design/Cost Impact from this RFI:**

- No Change.
- Change with no cost.
- Change with cost.
- Change with Credit.
- Change, but cost cannot be determined at this time

**Date:** 08/16/2013

**Respondent:** Adil Mohammed

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**QA/QC:** Rocky Garcia

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CC: Project File