

REQUEST FOR INFORMATION (RFI)

RFI No.: ABF-RFI-003341R00 Submitted By: OSullivan, Bill Pages: 2
 RFI Date: 06-June-2013 Contact Name: Lee, Anna Phone No. 415-896-6072
 Pages Attached: 1

Subject: Skyway Girder: Interface WB & EB - F3 Fixture Conduit Penetration	
References:	
Sub/Sup: BLI	Sub RFI #: RFI-BLI-000179R00
Response Required by: 13-June-2013	Response affects critical path activity? Yes

Description:

Please review and respond to the attached RFI from Bleyco Inc (RFI-BLI-000179R00)

Conduit penetrations have been omitted in the two vertical steel plates for F3 fixture installation along the catwalk in the pipe beam (Circuits UP131-8, UP 231-8). One 41C penetration per plate is required.

Please advise.

Contractor Disposition:

This RFI is being submitted for:

The Cost and Time Impact from this RFI is: Not selected

Response:

Agreed Ext. Due Date:

Pages: 1
 Pages Attached: 0

Per WDC and field discussions, route one (1) 41C conduit each at Hinge AE and AW through the existing cutout in the Transverse diaphragm plates around bottom plate U-ribs of the Skyway transition structure adjacent to the Hinge Pipe beam. New conduit penetrations in the Transverse diaphragm plates are not required.

The conduits shall be supported with conduit clamps attached to the bottom plate U-ribs using 9.5mm diameter ASTM A493 Type 316 SS threaded studs welded to the web or flange of the bottom plate U-rib at 1500mm spacing and at conduit bends. Contractor may use electrical arc welding for attachment of threaded studs to the bottom plate U-rib in conformance with the WQCP for identical welds on the SAS structure. (Reference RFI-3269).

Upon completion, the U-ribs primer shall be repaired per the approved contract procedures.

Administrative Action:

Additional cost will be compensated in CCO 191S2.

Date: 21-June-2013	Respondent: Chandrawinata, Martin	Phone No.: 510-286-0535
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PARSONS BRINCKERHOFF

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RFI Response

To: Caltrans
Attn: Bill Shedd, Martin Chandrawinata, Stanley Ku
Project: 04-0120F4 - SAS
RFI Date: 06/06/2013
RFI No: 3341R00
Subject: **Skyway Girder: Interface WB & EB - F3 Fixture Conduit Penetration**

Background:

Contractor states that one (1) 41C conduit each at Hinge AE and AW is shown on contract plan sheets routed through the Transverse diaphragm plates of the Skyway transition structure adjacent to the Hinge Pipe beam for F3 light fixture installation along the Skyway transition structure catwalk (Circuit UP131-8 shown on contract plan sheet 155R3 for Hinge AW and Circuit UP231-8 shown on contract plan sheet 221R3 for Hinge AE). However, there are no conduit penetrations in the two (2) Transverse diaphragm plates of the Skyway transition structure adjacent to the Hinge Pipe beams. Contractor is requesting direction regarding conduit routing and installation.

Response:

Per WDC and field discussions, contractor shall route one (1) 41C conduit each at Hinge AE and AW through the existing cutout in the Transverse diaphragm plates around bottom plate U-ribs of the Skyway transition structure adjacent to the Hinge Pipe beam. New conduit penetrations in the Transverse diaphragm plates are NOT required. PB understands that these conduits will be utilized for F3 light fixture installation along the Skyway transition structure catwalk (Circuit UP131-8 shown on contract plan sheet 155R3 for Hinge AW and Circuit UP231-8 shown on contract plan sheet 221R3 for Hinge AE).

Additionally, contractor shall provide conduit clamps for conduit support. Conduit clamps can be attached to the Skyway Transition structure bottom plate U-ribs using 9.5mm diameter all threaded studs (ASTM A493) welded to the web or flange of the bottom plate U-rib. Contractor may use electrical arc welding for attachment of threaded studs to the bottom plate U-rib. Skyway Transition structure bottom plate U-ribs shall be repaired per project specifications after welding is completed. The conduit clamps for the RGS conduit shall be located at each conduit bend/end location and at 1500mm spacing (maximum). PB notes that the welding of threaded studs to the bottom plate U-ribs shall be used only for the conduit run that is part of this RFI scope.

PB defers to DJV for confirmation of conduit routing through the existing cutout in the Transverse diaphragm plates and welding of threaded studs to the bottom plate U-ribs.

Referenced Document(s):

- Contract Plan Sheet(s) 155R3, 164, 221R3 and 224/1204.

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: 06/19/2013

Respondent: Adil Mohammed
QA/QC: Rocky Garcia

Phone No.: 415 813 8403
Phone No.: 415 243 4735



SFOBB - SAS Project
Two Harrison Street, Suite 500, San Francisco, CA 94105
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REQUEST FOR INFORMATION (RFI) RESPONSE

SFOBB SAS Project # 04-0120F4

To: Caltrans
333 Burma Road
Oakland, CA 94607

Date: June 12, 2013
Date Received: June 6, 2013
Contract No: 04-0120F4
04-SF-80-13.2/ 13.9

Attn: Stanley Ku

Job Name: SAS Project - SFOBB

RFI No.: 3341R0 (Rev 6-20-13)

Subject: Skyway Girder: Interface WB & EB - F3 Fixture Conduit Penetration

Background:

RFI 3269R0

It is understood that similar connections to the bottom plate U-ribs have been installed in the Skyway steel transition structure by others.

Response to RFI:

Per WDC discussions with PB, it is understood that the conduits referenced in this RFI will pass through the Skyway transverse diaphragms through the cutout at a bottom plate U-rib. The Design JV takes no exception to this solution. It is understood that no modifications will be made to the U-rib cutout.

Per WDC discussions, it is understood that the Contractor plans to weld 9.5mm diameter ASTM A493 Type 316 stainless steel threaded studs to the bottom plate U-ribs of the Skyway steel transition structure to support conduit clamps. The Design JV takes no exception to this detail, provided it is performed in conformance with the WQCP for identical welds on the SAS structure, and that this welding is limited to the conduit run that is part of this RFI scope. The U-rib primer shall be repaired per the approved contract procedures.

PB to respond regarding conduit clamp details and spacing.

Attachment to RFI Response:

None

Internal JV Action:

Plans: None.

Special Provisions: None.

Potential Design / Cost Impact: [X] No Change [] Change w/ No Cost [] Change w/ Cost [] Change w/ Credit
Potential Time Impact: [X] No [] Yes

Answered By: D. Turner, H. Tazir

QA / QC By: M. Nader, J. Duxbury



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CC: File: TYLIN/MN-