

CC MYERS INC.

REQUEST FOR INFORMATION

May 14, 2004

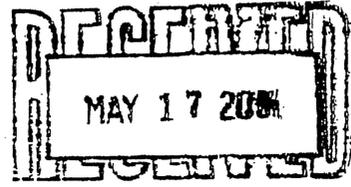
State of California
Department of Transportation
333 Burma Road
Oakland, CA 94607

RE:
Temporary Bypass Structure
Contract # 014-0120R4
Job 215

Attention: Mr. Kenneth Loncharich

Subject: East Tie-in Designer Calculations
RFI # 215-rfi-001.00015-0

Date Information is Required By: 5/18/04



Request:
Please see the attached request for information from Imbsen & Associates, Inc.

003686

RECEIVED

Signed: [Signature]
Bill Kidwell

Reply:

Section 6 - "Bridge Drainage" on design criteria sheet #8 specifies the criteria for Highway Drainage on the Temporary Bypass Structure.

No, Bridge Deck Drainage cannot infringe into the traffic lane. Additionally, Table 831.3 restricts the "Design Water Spread" for through traffic lanes of a freeway to the shoulder regardless of the speed.

No, scuppers do not meet the requirements of Section 6 - "Bridge Drainage", which states the following: "Drainage for the TBS is class 1." MTD 18-1 "Bridge Deck Drainage" defines Class 1 as "All locations, usually urban, where drainage must be carried by piping to some suitable disposal site".

Reply By: [Signature]

Date: 5-17-04

RECEIVED

MAY 17 2004

56.02
62.02.09

Request For Information (RFI)

San Francisco Oakland Bay Bridge

(Temporary Bypass Structure)

IAI Project # 1295 Contract # 04-0120R4

INQUIRY

RFI # 215-RFI. 001.00015

Question asked by and/or contact person:

Rec'd by: Dan Adams

Date: 5/14/2004

IAI – Lance A. Schrey, P.E.

Question: Can the deck drainage area infringe into half of the outer lanes? Can scuppers be utilized on the lower roadway?

Background: The size of the shoulder shown in the Contract Plans is very small, therefore keeping the storage area outside of the traveled way is extremely difficult. The design speed for the TBS is 80 km/hour (as per the inquiry list). However a design exception for the superelevation and centerline radius was granted. The design speed for the proposed superelevation and radius is less than 75 km/hour. According to Table 831.3 of Caltrans Highway Design Manual, if the design speed is less than 75 km/hour or less, the drainage would be allowed to infringe into half of the outer lanes. It should also be noted that this is a temporary structure.

Response to Request For Information (RFI)

Bridge Name: San Francisco Oakland Bay Bridge Bridge # 34-0006 (TEMP)

Contract #04-0120R4 IAI Project # 1295

RESPONSE

Caltrans contact person: Dan Adams

Response by:

Date:

Response:

QUALITY CONTROL

Reviewed by: Ghassam Dini

Date: 4/26/04

Initials

Checked by:

Date: