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July 19, 2007

#1295

Mr. Bob Coupe  
C.C. Myers, Inc.  
3286 Fitzgerald Road  
Rancho Cordova, CA 95742

IAI Letter #245

**Subject: Shop Drawing Review of Spans 48, 49, 50 & 51 Only for the Added  
Water Line Bracket Revision**

**Reference: Email dated July 11, 2007 Waterline addition shop drawings  
submittals**

Dear Mr. Coupe:

Attached please find our shop drawing review comments for Spans 48, 49, 50 & 51 for the added water line bracket revisions submitted via email dated July 11, 2007.

Please note that our review was based on the original "Water Line Support Details" sheet 108A submitted to you previously and the attached revision "300 NPS Water Line Support Details" sheet 108A dated July 19, 2007.

Our review of the shop drawings is insofar as the details generally conform to the intent of the design documents and that details properly reflect material and connection requirements.

Please feel free to contact me at (916) 366-0632 should you have any questions.

Sincerely,

Eli Aramouni, P.E.  
Project Manager

EMA/jlh

cc: TRC File, EA, MV

**RECEIVED**

JUL 26 2007

CC MYERS, INC.  
JOB 215 TEMP. BYPASS STRUCTURE

IC - 45100

215-261

Attachments: - Shop Drawings for Spans 48, 49, 50 & 51  
- Revised sheet 108A "300 NPS Water Line Support Details"

STATE FYI

DK

Juan Gray

**From:** ben choi [benchoi@tradewindsteel.com]  
**Sent:** Wednesday, July 11, 2007 7:16 AM  
**To:** Juan Gray  
**Cc:** Bob Coupe; 'Sid Dickerson'; '이상열'; '최경식'; '이시형'; '이동연'; 'Stan Hwan'  
**Subject:** Waterline addition shop drawings submittals  
**Attachments:** Waterline Design Drawing.pdf

Juan,

DK has completed the shop drawings for the additions of the revised waterlines to the TBS structures. Please review the folder named **Waterline Shop Drawings and Drawings List of Affected Drawings** on the browniesrepro ftp site.

DK would like to request your review comments by July 18 if possible as the painting work is being carried out currently for the Span 48 trusses and the waterline additions are being retrofitted to completed fabrications.

Also, DK is preparing the additional cost for this change order and would like to send the final cost amount by next week.

Thank you,  
Ben Choi

**RECEIVED**

JUL 11 2007

CC MYERS, INC.

JOB 215 TEMP. BYPASS STRUCTURE

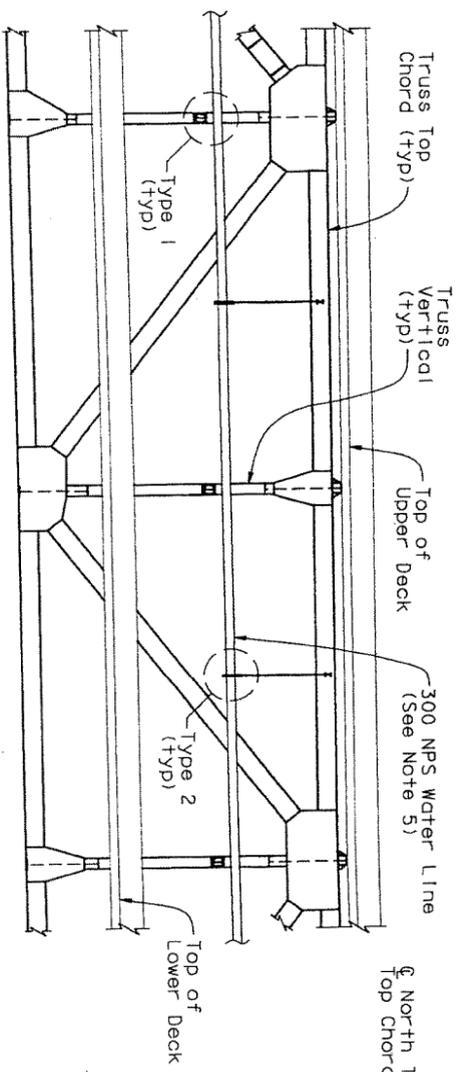
IC-4407

215-328

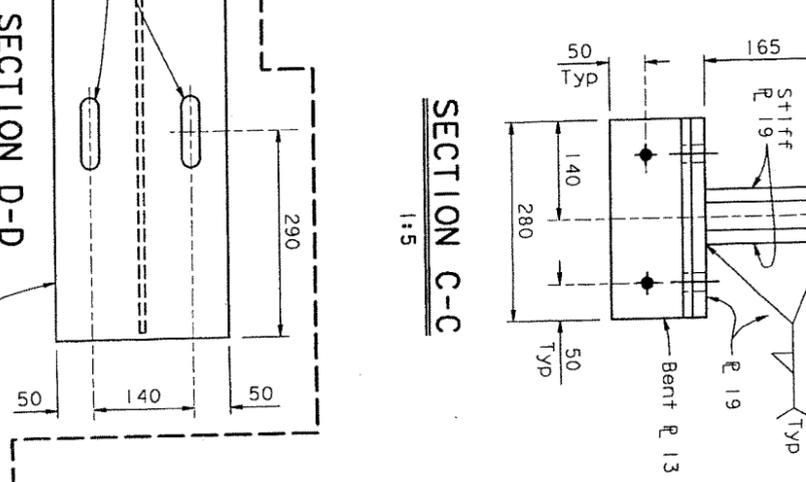
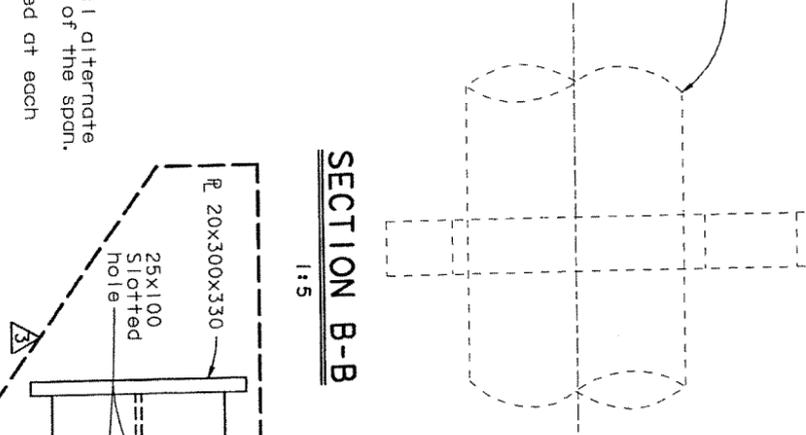
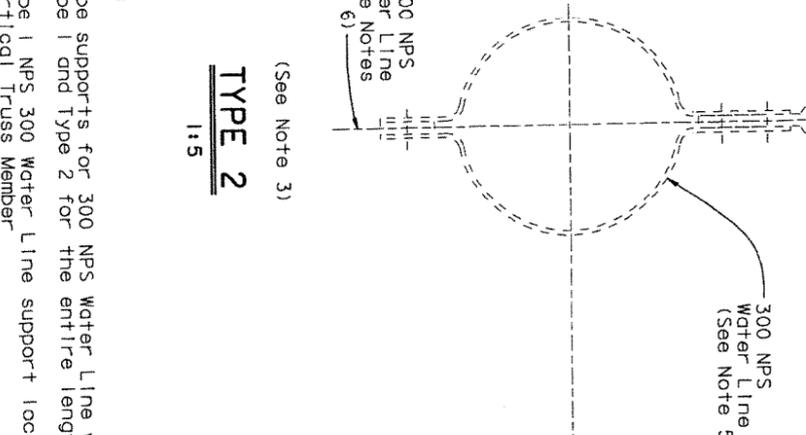
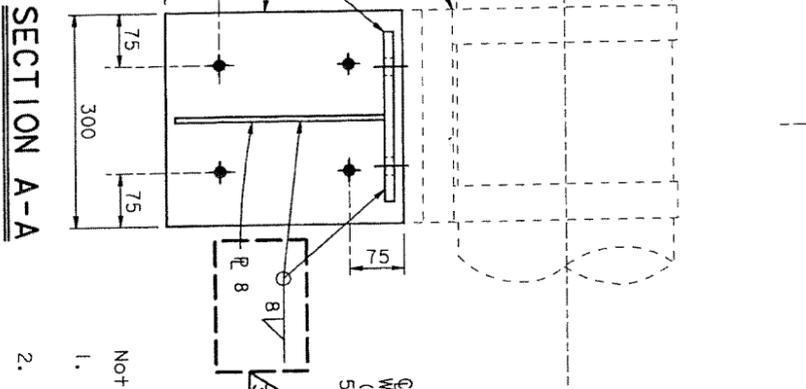
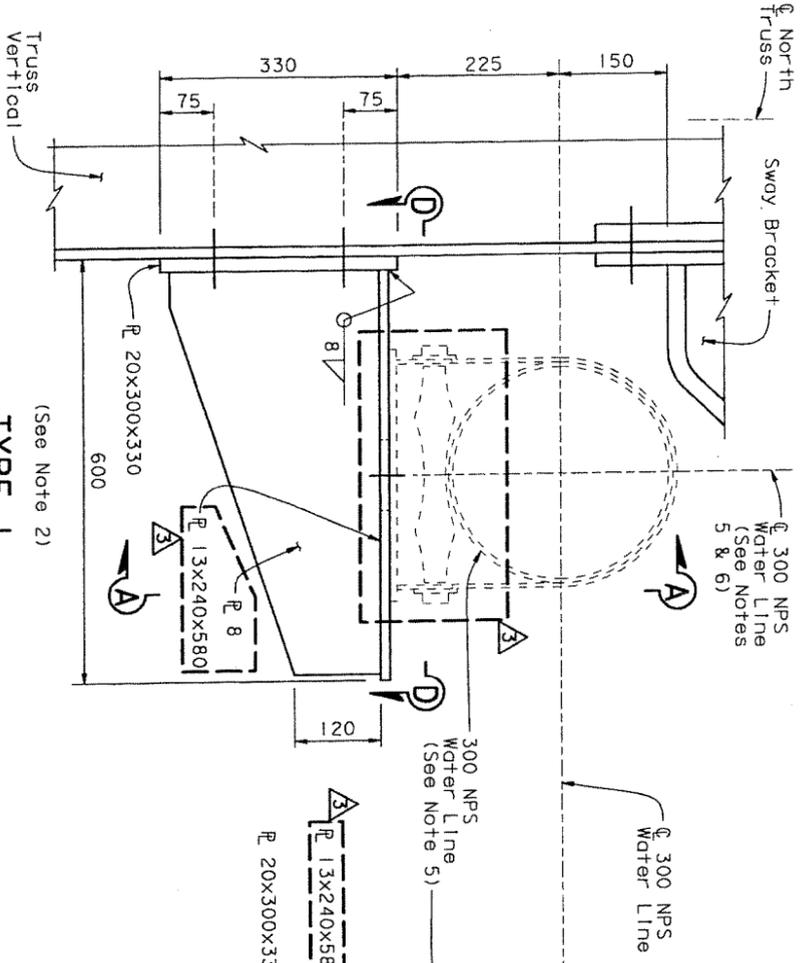
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
04	SF	80	12.6/13.2		



**IMBSEN & ASSOCIATES INC.**  
 REGISTERED CIVIL ENGINEER  
 E.L.M. ARAMOUNI  
 NO. CE 41712  
 EXP. 03-31-08  
 STATE OF CALIFORNIA  
 REGISTERED PROFESSIONAL ENGINEER  
 9912 Business Park Dr., Suite 130  
 Sacramento, California 95827



**NORTH TRUSS PART ELEVATION**



- Notes:
1. Pipe supports for 300 NPS Water Line will alternate Type 1 and Type 2 for the entire length of the span.
  2. Type 1 NPS 300 Water Line support located at each Vertical Truss Member.
  3. Type 2 300 NPS Water Line support located at mid span locations (between vertical Truss Member supports).
  4. All Bolts shall be 19 mm  $\phi$  HS Bolts, ASTM A325.
  5. The 300 NPS Water Line, brackets, threaded rods and other supports to the waterline are to be supplied by others.
  6. Lateral location of Water Line to be determined by others.

**CONTRACT CHANGE ORDER NO. 50**  
**OF**

REVISIONS	BY	CH'D	DATE
07-19-01	Revised per PMC & Fabricator's comments	KN	SN
06-26-07	Additional Sheet per CCO 50	KN	SN

DESIGN OVERSIGHT  
 DESIGN DETAIL SHEET (REV. 3/1/98)  
 19 JUL 2007 5:17:27 n:\dwy\bridge\viaduct\final submittal\c067\w1det01.dgn

PREPARED FOR THE  
**STATE OF CALIFORNIA**  
 DEPARTMENT OF TRANSPORTATION  
 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

SAN FRANCISCO OAKLAND BAY BRIDGE  
 EAST SPAN SEISMIC SAFETY PROJECT  
**VIADUCT**  
**300 NPS WATER LINE SUPPORT DETAILS**  
 SHEET 112 OF 112

**FINAL SUPERSTRUCTURE SUBMITTAL CCO 67**  
 PRINT DATE: 19 JULY 2007 TIME: 15:17:27

DESIGN	BY	CHECKED	DATE
DETAILS	R. CARTER	S. MAGI	
QUANTITIES	C. C. MYERS	C. C. MYERS	