

**DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF ENGINEERING SERVICES  
 Office of Structural Materials  
 Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4  
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9  
 File #: 99.15

**SOURCE INSPECTION REPORT**

**Resident Engineer:** Pursell, Gary  
**Address:** 333 Burma Road  
**City:** Oakland, CA 94607

**Report No:** SIR-000576  
**Date Inspected:** 29-Apr-2009

**Project Name:** SAS Superstructure  
**Prime Contractor:** American Bridge/Fluor Enterprises, a JV  
**Contractor:** BAOSTEEL

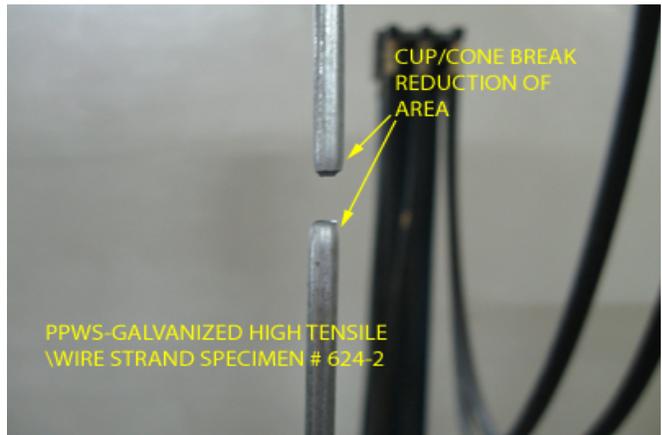
**OSM Arrival Time:** 630  
**OSM Departure Time:** 1830  
**Location:** Puxi, Shanghai

<b>Quality Control Contact:</b>	Mr. Pei	<b>Quality Control Present:</b>	Yes	No
<b>Material transfer:</b>	Yes No N/A	<b>Sampled Items:</b>	Yes No N/A	
<b>Stock Transfer:</b>	Yes No N/A	<b>OK to Cut:</b>	Yes No N/A	
<b>Rebar Test Witness:</b>	Yes No N/A	<b>Delayed/Cancelled:</b>	Yes No N/A	

**Other:** Witness mechanical and related testing of galvanized wire at BAOSTEEL.  
**Bridge No:** 34-0006 **Component:** Galvanized Wire for the SAS Main Cable  
**Bid Item:** 66 **Lot No:** B216

**Summary of Items Observed:**

This QA Inspector witnessed tensile tests on the first 33 cut lengths from the other end of 224 coils of galvanized wire. The coil numbers and test data are recorded on a separate electronic spreadsheet. The QA Inspector also witnessed the in process unwrapping and cutting of lengths of galvanized PPWS from the other end of the balance of the remaining 224 coils. The QA Inspector randomly observed that minimum diameter readings recorded by BAOSTEEL for coil specimens 536 (4-23-2009) and 562 (4-24-2009) from the first 224 coils, were below the minimum required by contract specifications. The QA Inspector witnessed BAOSTEEL personnel cut 2 additional specimens from the remaining test lengths for coils 536 and 562. The QA Inspector witnessed the measurement of the diameters of all 4 specimens and observed that the minimum diameter measurements were in compliance with contract specifications. All test results conformed to contract requirements.



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# SOURCE INSPECTION REPORT

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## Summary of Conversations:

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Franco,Charlie	Quality Assurance Inspector
<b>Reviewed By:</b>	Clifford,William	QA Reviewer

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