




Los Angeles County
Metropolitan
Transportation
Authority

One Gateway Plaza
Los Angeles, CA
90012

213.922.6000

Mailing Address:
P.O. Box 194
Los Angeles, CA 90053

January 12, 1996

TO: MTA BOARD OF DIRECTORS
FROM: STANLEY G. PHERNAMBUCQ 
SUBJECT: MTA CONSTRUCTION NONCONFORMANCE REPORTS

Attached please find copies of the Nonconformance Reports (NCRs) received by the MTA Director of Quality Management for the period of January 5-11, 1996.

If you have any questions, please call Bill Moore, Director of Quality Management, at 213-244-6109.

SGP:WRM:gg [C-MEMO/NCR-CVR]

Attachments

cc: John Adams, USG 18
Tom Carmichael, USG 16-03
Charles Stark, USG 16-01
Dave Sievers, USG 18-05
Elaine Stewart, USG 17
Bill Moore, USG 24-03
Kim Kimball, USG 25
Judy Schwartz, USG 25-03
Al Larado, USG 20-21



WRM 1/11/96

Nonconformance Report

| | | | | | | | |
|---|-----------------------|----------------------------|----------------------------|--|---|--|--|
| 1. Line: MRL | Contract No.: B740 | Year: 95 | NCR No.: 025 | 2. Contract Name: Ventilation Equipment | | 3. Date: 04/07/95 | |
| 4. Location B231 and B221 | | | 5. NCR Type: Mechanical | | 6. Contractor/Supplier: Joy Environmental Technologies | | |
| 7. Specification/Drawing No.: Specification Section 2.7.9 | | | | 8. Originator: M. D. Torres | | Phone No.: 213-913-7374 | |
| 9. Nonconformance description and contract requirement: <u>Subject</u> : Screen guards <u>Requirement</u> : Screen guards shall be provided where indicated and on both sides of underplatform and smoke exhaust fans. <u>Nonconformance</u> : Contractor did not provide screen guards on both sides of fan motor units SEF 021, SEF 022, UF 081, UF 082 (B231) and SEF 011, SEF 012, UF 071, UF 072 (B221) as required. | | | | | | | |
| 10. Lead Inspector: Michael D. Torres | | Date: 04-07-95 | | 11. Reply requested from: Chuck Adair | | 12. Reply due date: 04-21-95 | |
| 13. Root cause of the problem (completed by the contractor): <p>THE REQUIREMENT IS CLEAR FROM THE SPECIFICATIONS, BUT THERE IS NO SCHEDULE OF SCREEN SIZES AND LOCATIONS. AS A RESULT THIS REQUIREMENT WAS MISSED BY JOY, EMC, B221 AND B231.</p> | | | | | | | |
| 14. Corrective action(s) to prevent recurrence (completed by the contractor): <p>SEE ITEM 21 BELOW: STATIONS B221 AND B231 ARE UNIQUE SINCE INSTALLATION OF JOY EQUIPMENT IS BY OTHERS. WHEN SCREEN SIZES AND LOCATIONS ARE PROVIDED JOY WILL SUPPLY THE SPECIFIED SCREENS FOR INSTALLATION BY OTHERS.</p> | | | | | | | |
| 15. Prepared By: C.J. Adair | | Date: 4/27/95 | | 16. Implementation Date: N/A | | 17. RE Approval: [Signature] 1/8/96 | |
| 18. Disposition: <input type="checkbox"/> Reject <input type="checkbox"/> Rework <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Use-As-Is | | | | | | | |
| 19. Engineer approval (Repair and Use-As-Is): | | Print Name: MARK COLINO | | Signature: [Signature] | | Date: 9MAY95 | |
| | | | | 20. Lead Inspector: | | Date: 1/8/96 | |
| 21. Verification that nonconforming condition has been corrected: <p>SCREEN GUARDS TO BE DELETED AND CREDIT OBTAINED. SEE ATTACHED MEMOS; B740-IAC-0205 AND B740-JG-190 FOR ADDITIONAL INFORMATION.</p> | | | | | | | |
| 22. Inspection: KERRY BODTCE [Signature] 1/8/96 Print Name Signature Date | | | | | | | |

WPK
1/14/96

| | | |
|--------------------------|--------------------------|-------------------------------------|
| 12. May Affect ROD | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Yes | No | N/A |
| <i>WPK</i> | <i>YSM</i> | <i>YSM</i> |
| Initials | Date | |

JMA

Non-Conformance Report

2. Hollywood / Highland Station & Tunnels

1. Seg. III Red Line, Contract C0301R

6. Contractor: Tutor-Saliba/Perini Contract Day: 242
 6. Sub/Supplier: _____ Report Time: 10:30 PM
 Contr. Sr. Rep: Albert Brown 8. Hold Tags: No

| | |
|-------------|-----------------|
| 1. NCR No.: | <u>10</u> |
| 3. Date: | <u>12/28/95</u> |
| Day: | <u>Thursday</u> |

A. NON-CONFORMANCE

Nonconforming Item (Short Title): Manufacturer's Data & Certificate of Compliance for Materials

4. Location: Crosspassages #39A & 40

5. NCR Type (circle): Mech Conc Weld Stl Sup Elect Test Sys **Other:**

9. Description of Non-Conformance and Contract Requirements (Include Specific Requirement Violated):

The contractor did not provide manufacturer's literature and product data for the materials used per section 02312-1.4C as follows: concrete foot blocks, initial steel support, breakout frames, mix design wire mesh, wood blocking and anchor bolts.

7. Ref (Plans Specs): Contractor Spec 02312-1.4C & 1.4D

8. Originator: Alex D. Nistorescu Phone No.: 213 467-8783 Date: 12/28/95

10. JMA Validation: *WPK* Date: *YSM 1/6* 12. TSP Reply Date: *YSM 1/6*

B. CONTRACTOR'S PROPOSED RESOLUTION

13. Root Cause of Problem and Action(s) to Prevent Recurrences:

14. Corrective Action(s):

18. Disposition: Use As Is Repair Rework Reject / Scrap Return to Supplier

15. TSP Prepared By (print/sign): _____ Date: _____

19. EMC Approval (for Use As Is and Repair) (print/sign): _____ Date: _____

20. JMA Concurrence (print/sign): _____ Date: _____

C. RE-INSPECTION & CORRECTION VERIFICATION

Reinspected by TSP: _____ (sign) Date: _____ Accepted/Rejected by TSP: _____ (circle one) (sign) Date: _____

22. Reinspected by JMA: _____ (sign) Date: _____ 22. Accepted/Rejected by JMA: _____ (circle one) (sign) Date: _____

21. Correction Verification Comments:

D. NCR CLOSEOUT

Originator: _____ Date: _____ JMA Resident Engineer: _____ Date: _____

JMA QA/QC: _____ Date: _____ TSP Project Manager: _____ Date: _____

REVIEWER'S

INITIALS: Lead Insp _____ RE _____ ARE _____ QA/QC _____ Group Page _____ of _____

cc: D. Estrada, MTA; F. Smith, MTA; J. Hawley, JMA; B. Mees, JMA; O. Smiley, JMA

WPC
1/11/96

| | | |
|--------------------------|--------------------------|-------------------------------------|
| 12. May Affect ROD | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Yes | No | N/A |
| <i>WPC</i> | <i>1/11/96</i> | |
| Initials | Date | |

JMA

Non-Conformance Report

2. Hollywood / Highland Station & Tunnels

1. Seg. III Red Line, Contract C0301R

6. Contractor: Tutor-Saliba/Perini Contract Day: 249
 6. Sub/Supplier: _____ Report Time: 10:00 AM
 Contr. Sr. Rep: Joel Burch 8. Hold Tags: NO

| | |
|-------------|-----------------|
| 1. NCR No.: | <u>14</u> |
| 3. Date: | <u>1/4/95</u> |
| Day: | <u>Thursday</u> |

| A. NON-CONFORMANCE | | | | | | | |
|---|--|--|--|----------------------------|--|--------------------------------------|--|
| Nonconforming Item (Short Title): | | | | Location of Splices | | | |
| 4. Location: <u>McCadden Place</u> | | | | | | | |
| 5. NCR Type (circle): Mech Conc (Weld) Stl Sup Elect Test Sys Other: | | | | | | | |
| 9. Description of Non-Conformance and Contract Requirements (Include Specific Requirement Violated): <u>Location of soldier pile and deck beam splices for McCadden place not shown on submittals.</u> | | | | | | | |
| 7. Ref (Plans Specs. and/or Submittal No.s): <u>02160-1.4D; 01522-1.3.C</u> | | | | | | | |
| 8. Originator: <u>Ben Fardi</u> | | | | Phone No.: | | Date: | |
| 10. JMA Validation: <i>[Signature]</i> | | | | Date: <u>4/5/96</u> | | 12. TSP Reply Date: <u>25 JAN 96</u> | |

| B. CONTRACTOR'S PROPOSED RESOLUTION | |
|--|--|
| 13. Root Cause of Problem and Action(s) to Prevent Recurrances: | |
| 14. Corrective Action(s): | |
| 18. Disposition : <input type="checkbox"/> Use As Is <input type="checkbox"/> Repair <input type="checkbox"/> Rework <input type="checkbox"/> Reject / Scrap <input type="checkbox"/> Return to Supplier | |
| 15. TSP Prepared By (print/sign): _____ Date: _____ | |
| 19. EMC Approval (for Use As Is and Repair) (print/sign): _____ Date: _____ | |
| 20. JMA Concurrence (print/sign): _____ Date: _____ | |

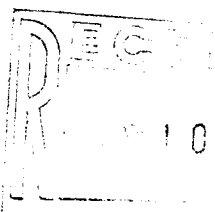
| C. RE-INSPECTION & CORRECTION VERIFICATION | | | |
|--|-------------|---|-------------|
| Reinspected by TSP: _____ | Date: _____ | Accepted/Rejected by TSP: _____ | Date: _____ |
| <small>(sign)</small> | | <small>(circle one)</small> <small>(sign)</small> | |
| 22. Reinspected by JMA: _____ | Date: _____ | 22. Accepted/Rejected by JMA: _____ | Date: _____ |
| <small>(sign)</small> | | <small>(circle one)</small> <small>(sign)</small> | |
| 21. Correction Verification Comments: | | | |

| D. NCR CLOSEOUT | | | |
|-------------------|-------------|------------------------------|-------------|
| Originator: _____ | Date: _____ | JMA Resident Engineer: _____ | Date: _____ |
| JMA QA/QC: _____ | Date: _____ | TSP Project Manager: _____ | Date: _____ |

| | | | |
|------------|------------------|---------------------------|------------|
| REVIEWER'S | | | |
| INITIALS: | <u>Lead Insp</u> | <u>RE</u> | <u>ARE</u> |
| | <u>QA/QC</u> | Group Page _____ of _____ | |

cc: D. Estrada, MTA; F. Smith, MTA; J. Hawley, JMA; B. Mees, JMA; O. Smiley, JMA

WDL
1/11/96



| | | |
|--------------------------|--------------------------|-------------------------------------|
| 12. May Affect ROD | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Yes | No | N/A |
| <i>WDL</i> | <i>4/17/96</i> | |
| Initials | Date | |

JMA

Non-Conformance Report

2. Hollywood / Highland Station & Tunnels 1. Seg. III Red Line, Contract C0301R

6. Contractor: Tutor-Saliba/Perini Contract Day: 249
 6. Sub/Supplier N/A Report Time: 11:00 AM
 Contr. Sr. Rep: Earl Ammons 8. Hold Tags: NO

| | |
|-------------|-----------------|
| 1. NCR No.: | <u>15</u> |
| 3. Date: | <u>1/4/95</u> |
| Day: | <u>Thrusday</u> |

A. NON-CONFORMANCE

Nonconforming Item (Short Title): Crosspassage Breakout Frames

4. Location: Crosspassages #39A and 40

5. NCR Type (circle): Mech Conc Weld (Stl Sup) Elect Test Sys Other:

9. Description of Non-Conformance and Contract Requirements (Include Specific Requirement Violated):
 The inspection of the breakout frames has revealed the followings:
 A. Gaps were found between the top/bottom bearing steel plates to the concrete liner. In accordance with the approved submittal, fill all gaps with steel shims for proper bearing, as required. See note on the attached sheet 2/4.
 B. Some anchor bolts are driven thru the concrete liner segment joints and do not meet the manufacturer's requirement for minimum embedment in concrete. See attached sheets 3/4 and 4/4.

7. Ref (Plans Specs. and/or Submittal No.s): Submittal 02312-1.4.B-5.02 & -3.01

8. Originator: Ben Fardi Phone No.: 213-467-8783 Date: 4-Jan-96

10. JMA Validation: *[Signature]* Date: 6 JAN 96 12. TSP Reply Date: 25 JAN 96

B. CONTRACTOR'S PROPOSED RESOLUTION

13. Root Cause of Problem and Action(s) to Prevent Recurrences:

14. Corrective Action(s):

18. Disposition : Use As Is Repair Rework Reject / Scrap Return to Supplier

15. TSP Prepared By (print/sign): _____ Date: _____

19. EMC Approval (for Use As Is and Repair) (print/sign): _____ Date: _____

20. JMA Concurrence (print/sign): _____ Date: _____

C. RE-INSPECTION & CORRECTION VERIFICATION

| | |
|---|---|
| Reinspected by TSP: _____ Date: _____ | Accepted/Rejected by TSP: _____ Date: _____ |
| <small>(sign)</small> | <small>(circle one)</small> <small>(sign)</small> |
| 22. Reinspected by JMA: _____ Date: _____ | 22. Accepted/Rejected by JMA: _____ Date: _____ |
| <small>(sign)</small> | <small>(circle one)</small> <small>(sign)</small> |

21. Correction Verification Comments:

D. NCR CLOSEOUT

| | |
|-------------------------------|--|
| Originator: _____ Date: _____ | JMA Resident Engineer: _____ Date: _____ |
| JMA QA/QC: _____ Date: _____ | TSP Project Manager: _____ Date: _____ |

REVIEWER'S INITIALS: Lead Insp _____ RE _____ ARE _____ QA/QC _____ Group Page _____ of _____

cc: D. Estrada, MTA; F. Smith, MTA; J. Hawley, JMA; B. Mees, JMA; O. Smiley, JMA

WPK
1/5/96

| | | |
|--------------------------|--------------------------|--------------------------|
| 12. May Affect ROD | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Yes | No | N/A |
| Initials | | Date |

JMA

Non-Conformance Report

2. Hollywood / Highland Station & Tunnels

1. Seg. III Red Line, Contract C0301R

6. Contractor: Tutor-Saliba/Perini Contract Day: 250
 6. Sub/Supplier Malcolm Drilling Report Time: 7:00 AM
 Contr. Sr. Rep: Hector Flores 8. Hold Tags: NO

| | |
|-------------|---------------|
| 1. NCR No.: | <u>16</u> |
| 3. Date: | <u>1/5/96</u> |
| Day: | <u>Friday</u> |

| A. NON-CONFORMANCE | |
|--|---|
| Nonconforming Item (Short Title): | <u>Tremie Structural Concrete in Pile Holes</u> |
| 4. Location: | <u>North Soldier Piles</u> |
| 5. NCR Type (circle): | <u>Mech</u> (Conc) Weld (Stl Sup) Elect Test Sys Other: |
| 9. Description of Non-Conformance and Contract Requirements (Include Specific Requirement Violated): | |
| <u>1. Dropped 2500 PSI Structural Concrete, Mix Design No. 462R21, 90(+/-) feet into hole without tremie for north soldier piles No. 23, 47, 49, 51, 69, 71, 73.</u> | |
| 7. Ref (Plans Specs. and/or Submittal No.s): | <u>03300-3.5.H & G</u> |
| 8. Originator: <u>Sandor Dorogi</u> | Phone No.: <u>213-467-8783</u> Date: <u>12/29/95</u> |
| 10. JMA Validation: <i>[Signature]</i> Date: <u>5/1/96</u> | 12. TSP Reply Date: <u>1/11/96</u> |

| B. CONTRACTOR'S PROPOSED RESOLUTION | |
|--|-------|
| 13. Root Cause of Problem and Action(s) to Prevent Recurrences: | |
| 14. Corrective Action(s): | |
| 18. Disposition : <input type="checkbox"/> Use As Is <input type="checkbox"/> Repair <input type="checkbox"/> Rework <input type="checkbox"/> Reject / Scrap <input type="checkbox"/> Return to Supplier | |
| 15. TSP Prepared By (print/sign): | Date: |
| 19. EMC Approval (for Use As Is and Repair) (print/sign): | Date: |
| 20. JMA Concurrence (print/sign): | Date: |

| C. RE-INSPECTION & CORRECTION VERIFICATION | | | |
|--|-------|-------------------------------|-----------------------|
| Reinspected by TSP: | Date: | Accepted/Rejected by TSP: | Date: |
| <small>(sign)</small> | | <small>(circle one)</small> | <small>(sign)</small> |
| 22. Reinspected by JMA: | Date: | 22. Accepted/Rejected by JMA: | Date: |
| <small>(sign)</small> | | <small>(circle one)</small> | <small>(sign)</small> |
| 21. Correction Verification Comments: | | | |

| D. NCR CLOSEOUT | | | |
|-----------------|-------|------------------------|-------|
| Originator: | Date: | JMA Resident Engineer: | Date: |
| JMA QA/QC: | Date: | TSP Project Manager: | Date: |

| | | | | | |
|----------------------|------------------|-----------|------------|--------------|---------------------------------------|
| REVIEWER'S INITIALS: | <u>Lead Insp</u> | <u>RE</u> | <u>ARE</u> | <u>QA/QC</u> | Group Page <u> </u> of <u> </u> |
|----------------------|------------------|-----------|------------|--------------|---------------------------------------|

cc: D. Estrada, MTA; N. Shiota, MTA; J. Hawley, JMA; B. Mees, JMA; O. Smiley, JMA

1/11/96

| | | |
|--------------------------|--------------------------|-------------------------------------|
| 12. May Affect ROD | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Yes | No | N/A |
| <u>WDL</u> | | <u>5/11/96</u> |
| Initials | | Date |

JMA

Non-Conformance Report

2. Hollywood / Highland Station & Tunnels 1. Seg. III Red Line, Contract C0301R

6. Contractor: Tutor-Saliba/Perini Contract Day: 242
 6. Sub/Supplier _____ Report Time: 10:30 PM
 Contr. Sr. Rep: Albert Brown 8. Hold Tags: NO

| | |
|-------------|-----------------|
| 1. NCR No.: | <u>18</u> |
| 3. Date: | <u>12/28/95</u> |
| Day: | <u>Thursday</u> |

A. NON-CONFORMANCE

| | |
|---|--|
| Nonconforming Item (Short Title): <u>Qualification of Shotcrete Personnel</u> | |
| 4. Location: <u>Crosspassage # 39 and 40</u> | |
| 5. NCR Type (circle): Mech <input type="checkbox"/> Conc <input type="checkbox"/> Weld <input type="checkbox"/> Stl Sup <input type="checkbox"/> Elect <input type="checkbox"/> Test <input type="checkbox"/> Sys <input type="checkbox"/> (Other) <input type="checkbox"/> | |
| 9. Description of Non-Conformance and Contract Requirements (Include Specific Requirement Violated): <u>Section 03363-1.3 requires submittal for "Qualification and duties of craftsman - as per ACI 506R"; this submittal is not submitted yet.</u> | |
| 7. Ref (Plans Specs. and/or Submittal No.s): <u>03363-1.3</u> | |
| 8. Originator: <u>Alex Nistorescu</u> | Phone No.: <u>213-467-8783</u> Date: _____ |
| 10. JMA Validation: <u>[Signature]</u> Date: <u>5/11/96</u> | 12. TSP Reply Date: <u>12/28/96</u> |

B. CONTRACTOR'S PROPOSED RESOLUTION

| | |
|---|--|
| 13. Root Cause of Problem and Action(s) to Prevent Recurrences: | |
| 14. Corrective Action(s): | |

| | | | | | |
|---|------------------------------------|---------------------------------|---------------------------------|---|---|
| 18. Disposition : | <input type="checkbox"/> Use As Is | <input type="checkbox"/> Repair | <input type="checkbox"/> Rework | <input type="checkbox"/> Reject / Scrap | <input type="checkbox"/> Return to Supp |
| 15. TSP Prepared By (print/sign): | | | | | Date: _____ |
| 19. EMC Approval (for Use As Is and Repair) (print/sign): | | | | | Date: _____ |
| 20. JMA Concurrence (print/sign): | | | | | Date: _____ |

C. RE-INSPECTION & CORRECTION VERIFICATION

| | |
|---|---|
| Reinspected by TSP: _____ Date: _____ | Accepted/Rejected by TSP: _____ Date: _____ |
| (sign) | (circle one) (sign) |
| 22. Reinspected by JMA: _____ Date: _____ | 22. Accepted/Rejected by JMA: _____ Date: _____ |
| (sign) | (circle one) (sign) |
| 21. Correction Verification Comments: | |

D. NCR CLOSEOUT

| | |
|-------------------------------|--|
| Originator: _____ Date: _____ | JMA Resident Engineer: _____ Date: _____ |
| JMA QA/QC: _____ Date: _____ | TSP Project Manager: _____ Date: _____ |

REVIEWER'S INITIALS: Lead Insp _____ RE _____ ARE _____ QA/QC _____ Group Page _____ of _____

cc: D. Estrada, MTA; F. Smith, MTA; J. Hawley, JMA; B. Mees, JMA; O. Smiley, JMA