BEAM/G/S: LOCALIZED AREAS OF HEAVY SPALLS AND DELAMINATED

CONCRETE IN THE WEST APPROACH/TUNNEL SECTIONS, MINOR

SECTION LOSS TO REINFORCEMENT TYPICAL. MINIMAL CHANGE SINCE

THE 2011 INSPECTION.

FLOORBEAMS: LOCALIZED HOLED THROUGH SECTIONS OF FLOORBEAM

WEBS, PARTICULARLY ALONG THE ARCH LINES AND NEAR LATERAL

BRACING CONNECTIONS. THE CIRCULAR WELD RETROFIT AT UPPER

DECK FB 22 WAS PREVIOUSLY CRACKED, BUT NOTED TO HAVE

PROPAGATED A TOTAL OF ~3/8" SINCE LAST MARKED (2010). THIS

CRACK REMAINS CONFINED TO THE WELD MATERIAL. THE EXTERIOR

FLOORBEAM CORBELS IN THE CONCRETE APPROACH SPANS EXHIBIT

LARGE SPALLS AND EXPOSED REINFORCING WITH ISOLATED

LOCATIONS WITH THE ENTIRE FRONT FACE SPALLED OFF. THE BOTTOM  
 OF TWO LOWER DECK FLOORBEAMS AT THE EAST ABUTMENT HAS SPALLED

OFF EXPOSING RUSTING REINFORCING BARS OVER THEIR ENTIRE LENGTH.

FL BM CONNECT: LOWER FLOORBEAMS WITH HEAVY LOSSES ADJACENT

TO HANGER CONNECTIONS. PREVIOUSLY CLEANED AND PAINTED BUT

NOW RUSTING WITH LOCALIZED SIGNIFICANT ADDITIONAL LOSSES.

VERTICALS: LOCATIONS BELOW THE UPPER DECK LEVEL (PPS 0-4 AND

20-24) WITH ACTIVE CORROSION AT VERTICAL MEMBER

CONNECTIONS.

DIAGONALS: LOCATIONS BELOW THE UPPER DECK LEVEL (PPS 0-4 AND

20-24) WITH ACTIVE CORROSION AT DIAGONAL MEMBER

CONNECTIONS.

LOWER CHORD: LOCALIZED MODERATE TO ADVANCED SECTION LOSS,

TYPICALLY AT GUSSET PLATE TO LOWER CHORD INTERFACE, PANELS

0-4 AND 20-24, TYPICAL.

GUSSET PLATES: LOCALIZED ADVANCED SECTION LOSS TO GUSSET

PLATES AT LOWER CHORD INTERFACE, PANELS 0-4 AND 20-24,

TYPICAL.

LAT BRACE: ISOLATED LATERAL BRACING MEMBERS WITH LOCALIZED

ADVANCED SECTION LOSS AND HOLED THROUGH AREAS NEAR THE

CONNECTION LOCATIONS.

SWAY BRACE: LOCALIZED AREAS WITH 100% LOSS OF PORTAL BATTEN

PLATES AND LACING MEMBERS.

BEARING: MODERATE RUSTING PRIMARILY ON THE INTERIOR OF THE

TRUSS BOLSTERS, MULTIPLE SADDLE BEARINGS WITH 100% LOSS.

ARCH: MINOR CRACKING, SPALLING AND/OR DELAMINATED AREAS

TYPICAL FOR ALL ARCHES. ISOLATED ARCHES EXHIBIT LARGE

DELAMINATED AREAS AND/OR MODERATE LONGITUDINAL OR MAP

CRACKING.

ARCH COLUMN: COLUMNS IN THE WEST STATION AND TUNNEL

SECTIONS WITH HEAVY SPALLING AND EXPOSED REINFORCEMENT

WITH MODERATE CORROSION AND ISOLATED COLUMNS WITH 360 DEGREE

EXPOSURE OF REINFORCEMENT. SEVERAL SPALLED AND DELAMINATED

ARCH COLUMNS SCATTERED THRUOGHOUT APPROACH SPANS 1A-3 AND 5-13.

PCS: PAINT FAILURES TYPICAL AT TRUSS CONNECTIONS BELOW THE

UPPER DECK. ESTIMATED BETWEEN 10%-15%

PINS/H/H: MODERATE PITTING AT EYEBAR HEADS AT THE LOWER

CONNECTIONS AT ISOLATED PANEL POINTS. NOT SIGNIFICANTLY

CHANGED SINCE 2011.

FPD: NO FATIGUE DISTRESS WAS NOTED AT THE EYEBAR HEADS.