

APPENDIX A – Inspection Field Notes

LATAH CREEK BRIDGE - FIELD NOTES																		
ID	S#	COMPONENT /LOCATION	SPALL DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C001	3	PIER 3 EXTERIOR		Y												C1-01		5' X 1' DELAMINATION ALONG CONSTRUCTION JOINT BTWN NEW AND OLD AT PIER 3
C002	3	SPANDREL WALL - A	Y						Y							C1-02		SPALL WITH 8" OF EXPOSED BAR ON WEST FACE AT F/B LINE 27, PAINTED OVER
C003	3	SPANDREL WALL - A													Y	C1-03		SEPARATION OF CONSTRUCTION JOINT AT OLD/NEW CONCRETE, SOUTH FACE, SPANDREL WALL A
C003	3	SPANDREL WALL - A													Y	C1-04		SEPARATION OF CONSTRUCTION JOINT AT OLD/NEW CONCRETE, SOUTH FACE, SPANDREL WALL A
C003	3	SPANDREL WALL - A													Y	C1-05		SEPARATION OF CONSTRUCTION JOINT AT OLD/NEW CONCRETE, SOUTH FACE, SPANDREL WALL A
C004	3	SPANDREL WALL - A			Y				Y						Y	C1-06		PATCHES, EXPOSED REBAR, WIDE CRACKS ALONG CONSTRUCTION JOINT AT PIER 3 FACE
C005	3	SPANDREL WALL - A		Y												C1-07		8" W X 4" H CORNER DELAMINATION AT PIER 3 FACE
C005	3	SPANDREL WALL - A	Y						Y							C1-07		6" X 8" AND 2" X 12" SPALLS WITH EXPOSED BARS AT PIER 3 FACE
C006	3	PIER 3 EXTERIOR											Y	Y		C1-08		MEDIUM WIDTH HORIZONTAL CRACKS ALONG ORIGINAL CONSTRUCTION JOINT RANDOMLY THROUGHOUT
C007	3	PIER 3 EXTERIOR		Y												C1-10		13' HIGH CORNER DELAMINATION THAT RUNS UPWARD AT SE CORNER ABOVE ARCH RIB B ON EAST ELEVATION PIER 3
C008	3	PIER 3 EXTERIOR	Y	Y					Y	Y						C1-9		4' X 6' DELAMINATION ON PIER 3 WEST FACE BTWN RIBS A & B. 6' HIGH CORNER DELAMINATION ON COLUMN DETAIL ABOVE ARCH RIB A. 1-1/2" DEEP, SOME AREAS WITHIN HAVE SPALLED, WITH EXPOSED BARS WITH UP TO 1/8" DIA LOSS TO BARS. ALSO, 2' DIA AND 1' DIA DELAMINATIONS ADJACENT TO AREA.
C008	3	PIER 3 EXTERIOR	Y	Y					Y	Y						C1-12		4' X 6' DELAMINATION ON PIER 3 WEST FACE BTWN RIBS A & B. 6' HIGH CORNER DELAMINATION ON COLUMN DETAIL ABOVE ARCH RIB A. 1-1/2" DEEP, SOME AREAS WITHIN HAVE SPALLED, WITH EXPOSED BARS WITH UP TO 1/8" DIA LOSS TO BARS. ALSO, 2' DIA AND 1' DIA DELAMINATIONS ADJACENT TO AREA.
C008	3	PIER 3 EXTERIOR	Y	Y					Y	Y						C1-13		4' X 6' DELAMINATION ON PIER 3 WEST FACE BTWN RIBS A & B. 6' HIGH CORNER DELAMINATION ON COLUMN DETAIL ABOVE ARCH RIB A. 1-1/2" DEEP, SOME AREAS WITHIN HAVE SPALLED, WITH EXPOSED BARS WITH UP TO 1/8" DIA LOSS TO BARS. ALSO, 2' DIA AND 1' DIA DELAMINATIONS ADJACENT TO AREA.
C008	3	PIER 3 EXTERIOR	Y	Y					Y	Y						C1-14		4' X 6' DELAMINATION ON PIER 3 WEST FACE BTWN RIBS A & B. 6' HIGH CORNER DELAMINATION ON COLUMN DETAIL ABOVE ARCH RIB A. 1-1/2" DEEP, SOME AREAS WITHIN HAVE SPALLED, WITH EXPOSED BARS WITH UP TO 1/8" DIA LOSS TO BARS. ALSO, 2' DIA AND 1' DIA DELAMINATIONS ADJACENT TO AREA.
C009	3	SPANDREL ARCH - B	Y					Y								C1-15		1' X 1' CORNER SPALL ON NE CORNER OF SPANDREL ARCH B WHERE IT MEETS PIER 3 WEST FACE. ALSO, SEEPAGE ON SPANDREL PILASTER AT CONSTRUCTION JOINT.
C010	PIER 3	PIER 3 EXTERIOR		Y											Y	C1-17		HL WIDTH VERTICAL CRACKS EXTENDING 4 FT FROM DELAMINATION NOTED IN COMMENT C8. 2' X 3' HIGH DELAMINATION 5' BELOW SPANDREL ARCH, 3' NORTH OF ARCH RIB B.
C010	PIER 3	PIER 3 EXTERIOR		Y											Y	C1-18		HL WIDTH VERTICAL CRACKS EXTENDING 4 FT FROM DELAMINATION NOTED IN COMMENT C8. 2' X 3' HIGH DELAMINATION 5' BELOW SPANDREL ARCH, 3' NORTH OF ARCH RIB B.
C011	PIER 3	PIER 3 EXTERIOR			Y	Y										C1-19		LARGE HONEYCOMBING, SEEPAGE AND EFFLORESCENCE BUILD UP.
C011	PIER 3	PIER 3 EXTERIOR			Y	Y										C1-21		LARGE HONEYCOMBING, SEEPAGE AND EFFLORESCENCE BUILD UP.
C011	PIER 3	PIER 3 EXTERIOR			Y	Y										C1-22		LARGE HONEYCOMBING, SEEPAGE AND EFFLORESCENCE BUILD UP.
C012	PIER 3	PIER 3 EXTERIOR						Y								C1-23		PIER 3 EAST WALL EXPOSED JOINT AT SOUTH SIDE OF ARCH RIB C. JOINT DETAIL BETWEEN ARCH RIBS B & C
C012	PIER 3	PIER 3 EXTERIOR						Y								C1-24		PIER 3 EAST WALL EXPOSED JOINT AT SOUTH SIDE OF ARCH RIB C. JOINT DETAIL BETWEEN ARCH RIBS B & C
C012	PIER 3	PIER 3 EXTERIOR						Y								C1-25		PIER 3 EAST WALL EXPOSED JOINT AT SOUTH SIDE OF ARCH RIB C. JOINT DETAIL BETWEEN ARCH RIBS B & C

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ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C012	PIER 3	PIER 3 EXTERIOR							Y								C1-26		PIER 3 EAST WALL EXPOSED JOINT AT SOUTH SIDE OF ARCH RIB C. JOINT DETAIL BETWEEN ARCH RIBS B & C
C013	3	SPANDREL ARCH - C								Y							C1-28		TWO REBAR COMING OUT OF SPANDREL ARCH
C014	3	DECK SOFFIT								Y							C1-29		TWO AREAS OF MULTIPLE EXPOSED REBAR, 1' EACH. ALSO NOTE MINOR SPALLS
C015	3	SPANDREL COLUMN - C								Y							C1-30		MAJOR HONEYCOMBING WITH 8" OF EXPOSED REBAR. NO SECTION LOSS
C015	3	SPANDREL COLUMN - C								Y							C1-53		MAJOR HONEYCOMBING WITH 8" OF EXPOSED REBAR. NO SECTION LOSS
C015	3	SPANDREL COLUMN - C								Y							C1-54		MAJOR HONEYCOMBING WITH 8" OF EXPOSED REBAR. NO SECTION LOSS
C016	3	FLOORBEAM														Y	C1-31		MEDIUM VERTICAL CRACK 4' OUT FROM ARCH RIB C ON WEST FACE, DOES NOT GO TO BOTTOM FACE. SIMILAR NEAR MIDSPAN
C016	3	FLOORBEAM														Y	C1-32		AT FLOORBEAM 24, BTWN ARCH B & C, MEDIUM VERTICAL CRACK 4' OUT FROM ARCH RIB C ON WEST FACE, DOES NOT GO TO BOTTOM FACE. SIMILAR NEAR MIDSPAN
C017	3	FLOORBEAM												Y			C1-33		AT FLOORBEAM 26 BTWN ARCH B & C, NARROW CRACK ALONG FLOORBEAM BOTTOM FACE NEAR 1/3 SPAN FROM THE SOUTH
C018	3	TYPICAL PHOTO					Y										C1-34		TYPICAL 1/2"-3/4" HONEYCOMBING AROUND TIGHT CORNERS OF FORMWORK
C018	3	TYPICAL PHOTO					Y										C1-35		TYPICAL 1/2"-3/4" HONEYCOMBING AROUND TIGHT CORNERS OF FORMWORK
C019	3	ARCH RIB B	Y	Y													C1-36		LARGE 8' X 2.5' SPALL ON ARCH RIB B NEAR EXPOSED JOINT, UP TO 1.5" DEEP. HEAVY SEEPAGE IN CORNER, EFFLORESCENCE BUILD UP (1" THICK). ALSO DELAMINATING IN THIS AREA. EFFLORESCENCE CRACKS ON END 3' OF SLAB/WALL
C019	3	ARCH RIB B	Y	Y													C1-37		LARGE 8' X 2.5' SPALL ON ARCH RIB B NEAR EXPOSED JOINT, UP TO 1.5" DEEP. HEAVY SEEPAGE IN CORNER, EFFLORESCENCE BUILD UP (1" THICK). ALSO DELAMINATING IN THIS AREA. EFFLORESCENCE CRACKS ON END 3' OF SLAB/WALL
C019	3	ARCH RIB B	Y	Y													C1-38		SMALL 1' DIAM SPALL ON EAST FACE OF PIER 3 WALL NEAR THE CORNER.
C020	3	UTILITY															C1-39		BROKEN END UTILITY SUPPORT, ALMOST RUSTED THROUGH
C021	3	DECK SOFFIT		Y													C1-40		SMALL DELAMINATION IN SLAB NEAR EXPOSED JOINT
C022	3	FLOORBEAM												Y			C1-41		NARROW CRACK ON SIDES AND BOTTOM FACE NEAR MIDSPAN AT FLOORBEAM 24 BTWN A & B
C023	3	FLOORBEAM	Y														C1-42		EAST FACE OF FB 25 BTWN A & B NEAR MIDSPAN, 18" SPALL
C024	3	FLOORBEAM											Y				C1-43		BTWN A & B AT FB 25, MULTIPLE HAIRLINE CRACKS ON EAST & WEST FACES AND ACROSS BOTTOM FACE SPACED AT APPROX 8" C/C
C025	3	PIER 3 EXTERIOR	Y	Y													C1-44		HEAVY EFFLORESCENCE IN CORNER WITH MINOR EXPOSED REBAR, MOSTLY AT CONST. JOINTS OF PIER 3 WALL AT RIB A
C025	3	PIER 3 EXTERIOR	Y	Y													C1-45		HEAVY EFFLORESCENCE IN CORNER WITH MINOR EXPOSED REBAR, MOSTLY AT CONST. JOINTS OF PIER 3 WALL AT RIB A
C026	3	FLOORBEAM											Y				NO PHOTO		HAIRLINE CRACK NEAR MIDSPAN AT FB 27 BTWN ARCH A & B. ALSO 3' LONG HORIZONTAL HAIRLINE CRACK NEAR MIDSPAN ON WEST WEB
C027	3	FLOORBEAM		Y						Y							NO PHOTO	Y	2' LENGTH OF DELAMINATION AND EXPOSED REBAR ON RIB A DECK SLAB NEAR FB 27
C028	3	SPANDREL ARCH - A	Y	Y													C1-46		UP TO 12" WIDE CORNER DELAMINATION AND SPALLS ON NW & SW CORNERS ON BOTTOM 5' OF ARCH, UP TO 3" DEEP WITH MINOR EXPOSED REBAR

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C028	3	SPANDREL ARCH - A	Y	Y													C1-47		UP TO 12" WIDE CORNER DELAMINATION AND SPALLS ON NW & SW CORNERS ON BOTTOM 5' OF ARCH, UP TO 3" DEEP WITH MINOR EXPOSED REBAR
C028	3	SPANDREL ARCH - A	Y	Y													C1-48		UP TO 12" WIDE CORNER DELAMINATION AND SPALLS ON NW & SW CORNERS ON BOTTOM 5' OF ARCH, UP TO 3" DEEP WITH MINOR EXPOSED REBAR
C029	3	SPANDREL ARCH - A		Y													C1-49		3'L X 4"H X 5"D CORNER DELAMINATION TO TOP OF ARCH UNDER FB 26
C030	3	LIGHT POLE PILASTER		Y						Y							C1-51		HEAVY SECTION LOSS TO LIGHT POLE PILASTER. DELAMS ON ALL SIDES OF PILASTER UP TO 1" DEEP
C030	3	LIGHT POLE PILASTER		Y						Y							C1-52		HEAVY SECTION LOSS TO LIGHT POLE PILASTER. DELAMS ON ALL SIDES OF PILASTER UP TO 1" DEEP
C031	3	FLOORBEAM	Y	Y						Y							C1-52		SPALL WITH EXPOSED REBAR TO END 2' OF FLOORBEAM 22
C032	3	SPANDREL WALL - C		Y												Y	C1-55		3/8" CRACK AT EXPOSED JOINT ALONG COLUMN AT FB 20
C032	3	SPANDREL WALL - C		Y												Y	C1-56		3/8" CRACK AT EXPOSED JOINT ALONG COLUMN AT FB 20
C032	3	SPANDREL WALL - C		Y													C1-57		DELAM AT BASE OF SPANDREL COLUMN ON SOUTH SIDE
C033	3	DECK SOFFIT	Y	Y						Y							C1-58		A FEW SMALL - MED SPALLS DUE TO POOR COVER ON ARCH RIB C BTWN FB 20-21. A LARGE DELAM IN THIS AREA TOO
C034	3	DECK SOFFIT	Y	Y						Y							NO PHOTO	Y	MULTIPLE EXPOSED REBAR DUE TO POOR COVER IN SLAB BTWN ARCH B & C AND FB 17 & 18
C035	3	FLOORBEAM		Y										Y			C1-59		2 DELAMS (2.5" DEEP) 6" X 12" X 8" DIAMETER AT FB 20 BTWN B & C. NARROW CRACK ON WEST FACE
C036	3	FLOORBEAM		Y													C1-60		CORNER SPALL/DELAM (1" DEEP) AT EDGE OF EXPOSED JOINT
C037	3	DECK SOFFIT	Y	Y													C1-61		MINOR LONGITUDINAL SPALLS/DELAMS DUE TO INSUFFICIENT COVER
C037	3	DECK SOFFIT	Y	Y													C1-62		MINOR LONGITUDINAL SPALLS/DELAMS DUE TO INSUFFICIENT COVER
C038	3	FLOORBEAM					Y										C1-63		HONEYCOMBING ALONG EAST FACE OF FB 22 BETWEEN ARCH RIBS B & C
C039	3	FLOORBEAM					Y										C1-64		DEEP HONEYCOMBING AT FB 21 PILASTER OF ARCH RIB B, NORTH FACE
C040	3	SPANDREL ARCH - B	Y							Y							C1-65		2 SMALL SPALLS DUE TO INSUFFICIENT COVER
C041	3	DECK SOFFIT		Y													C1-66		2' X 8" DELAM ON DECK BTWN FB 20 & 21 AND ARCH RIB A & B
C042	3	FLOORBEAM												Y			C1-67		NARROW CRACK ON WEST FACE OF FB BTWN ARCH A & B
C043	3	FLOORBEAM												Y			C1-69		12.5" DIAGONAL CRACK AT FB 22 BTWN ARCH A & B
C044	3	FLOORBEAM												Y			C1-70		3" DIAGONAL CRACK AT FB 23 BTWN ARCH A & B
C044	3	FLOORBEAM												Y			C1-71		DIAGONAL CRACK AT FB 23 BTWN ARCH A & B
C045	3	SPANDREL WALL - B	Y														C1-68		TYPICAL SMALL SPALL IN RANDOM LOCATIONS OF SPANDREL WALL
C046	3	DECK SOFFIT		Y										Y			C1-72		LONG DELAM ON UNDERSIDE OF DECK. DIAGONAL CRACK ON EAST FACE OF FB 23
C047	3	FLOORBEAM												Y			C1-73		NARROW CRACKS ACROSS BOTTOM FACE, SOME EXTEND HALFWAY UP WEB OF FB 23
C048	3	FLOORBEAM												Y			C1-74		VERTICAL CRACKS NEAR MIDSPAN OF FB 24 BTWN ARCH A & B
C049	3	DECK SOFFIT	Y							Y							C1-75		3" DEEP, 8" X 2" SPALL WITH BOTH LAYERS OF REBAR EXPOSED
C049	3	DECK SOFFIT	Y							Y							C1-76		3" DEEP, 8" X 2" SPALL WITH BOTH LAYERS OF REBAR EXPOSED

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C050	3	UTILITY															C1-77		BROKEN UTILITY LINE AT FB 24 BTWN ARCH A & B
C051	3	FLOORBEAM		Y													C1-78		FLOORBEAM 22 BTWN A&B - 2'X6" CORNER DELAMINATION ON FLOORBEAM W FACE NEAR A
C052	3	SPANDREL WALL - A					Y										C1-79		CORNER SPALL/DELAM (1" DEEP) AT EDGE OF EXPOSED JOINT
C053	3	FLOORBEAM		Y	Y				Y			Y		Y			C1-81		NARROW VERTICAL CRACK AT 1/4 PT OF FLOORBEAM 20. ALSO, 2' X 1' DELAMINATION IN CORNER
C054	3	SPANDREL WALL - A					Y										C1-82		BTWN FLOORBEAMS 20 & 21, HONEYCOMBING AND PIECE OF WOOD EMBEDDED IN WALL
C055	3	SPANDREL WALL - A		Y													C1-83		10" DIA DELAMINATION ON WEST FACE OF SPANDREL COLUMN AT FLOORBEAM 20, NORTH SIDE OF SPANDREL WALL A
C056	3	SPANDREL ARCH - A	Y	Y													C1-84		5' DELAMINATION & 1' DIA SPALL WITH EXPOSED BAR ON SPANDREL ARCH SOFFIT.
C057	3	SIDEWALK OVERHANG	Y						Y								C1-85		1' SPALL WITH EXPOSED BAR BTWN FLOORBEAMS 22 & 23, SOUTH OVERHANG
C058	3	SIDEWALK OVERHANG														Y	C1-86		3' MEDIUM DIAGONAL CRACK FROM SPANDREL ARCH WALL A DOWN SIDE OF SIDEWALK CANTILEVER SUPPORT AT FLOORBEAM 22
C059	3	SPANDREL ARCH - A						Y									C1-87		SEEPAGE FROM CONST JT BTWN FLOORBEAMS 22 & 23 ON SOUTH FACE OF SPANDREL ARCH WALL A
C060	3	SIDEWALK OVERHANG												Y			C1-88		MULTIPLE CRACKS, DIAGONAL AND HORIZONTAL, ALONG TOP OF FLOORBEAM 21 SIDEWALK CANTILEVER, SOUTH SIDE OF BRIDGE
C060	3	SIDEWALK OVERHANG												Y			C1-90		MULTIPLE CRACKS, DIAGONAL AND HORIZONTAL, ALONG TOP OF FLOORBEAM 21 SIDEWALK CANTILEVER, SOUTH SIDE OF BRIDGE
C061	3	SPANDREL ARCH - A	Y						Y	Y							C1-89		2' SPALL WITH EXPOSED BAR, 1/16" SECTION LOSS, BTWN FLOORBEAMS 21 AND 22
C062	3	SIDEWALK OVERHANG		Y													C1-91		1' X 2.5' DELAMINATION ON SIDEWALK CANTILEVER BRACKET, WEST FACE, AT FLOORBEAM 21
C063	3	SIDEWALK OVERHANG		Y												Y	C1-92		DIAGONAL CRACK AND DELAMINATION (4' X 1') ON E FACE OF FLOORBEAM 21 CANTILEVER, AT SPANDREL ARCH WALL A
C064	3	SPANDREL COLUMN - A	Y	Y					Y	Y							C1-93		1.5' LONG SPALL AND ADJACENT DELAMINATIONS. EXPOSED BAR WITH 1/8" SECTION LOSS ESTIMATED
C064	3	SPANDREL COLUMN - A	Y	Y					Y	Y							C1-94		1.5' LONG SPALL AND ADJACENT DELAMINATIONS. EXPOSED BAR WITH 1/8" SECTION LOSS ESTIMATED
C065	3	SIDEWALK OVERHANG	Y						Y	Y							C1-95		1' LONG CORNER SPALL ON EDGE OF DECK OVERHANG. EXPOSED BAR WITH 1/16" SECTION LOSS ESTIMATED
C100	3	SIDEWALK OVERHANG		Y													C2-01		8" DIA DELAMINATION ON EAST FACE FLOORBEAM CANTILEVER 20 ALONG SOUTH SIDE OF BRIDGE.
C101	3	SIDEWALK OVERHANG	Y	Y					Y	Y							C2-03		1.5' WIDE SPALL WITH 3 EXPOSED REBAR WITH UP TO 70% SECTION LOSS TO BARS BY AREA. BTWN FLOORBEAMS 18 & 19. SPALL ALONG EDGE OF DECK. A 2' X 8" DELAMINATED AREA IS ADJACENT.
C102	3	SPANDREL WALL - A		Y													C2-02		1' X 6" DELAMINATION IN WALL UNDER FLOORBEAM 18 IN S FACE OF WALL
C103	3	SIDEWALK OVERHANG		Y													C2-04		W FACE OF FLOORBEAM CANTILEVER 18 UNDER SIDEWALK OVERHANG - 1' X 8" DELAMINATED AREA
C104	3	SIDEWALK OVERHANG		Y													C2-05		E FACE OF FLOORBEAM CANTILVER 18 UNDER SIDEWALK OVERHANGE - (2) 6" DIA DELAMINATED AREAS
C105	3	SPANDREL WALL - A		Y													C2-06		BTWN FLOORBEAMS 16 AND 17 IN S FACE OF WALL - 1.5' X 6" DELAMINATED AREA JUST ABOVE ARCH
C106	3	SIDEWALK OVERHANG		Y										Y			C2-07		AT FLOORBEAM CANTILEVER 17 UNDER S SIDEWALK OVERHANG - 1.5' X 8" DELAMINATED AREA WITH SURROUNDING NARROW CRACKS IN AN IRREGULAR PATTERN

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C106	3	SIDEWALK OVERHANG		Y										Y			C2-08		AT FLOORBEAM CANTILEVER 17 UNDER S SIDEWALK OVERHANG - 1.5' X 8" DELAMINATED AREA WITH SURROUNDING NARROW CRACKS IN AN IRREGULAR PATTERN
C107	3	SIDEWALK OVERHANG		Y										Y			C2-09		BTWN FLOORBEAMS 15 AND 16 ON SOUTH OVERHANG - 1' DIA DELAMINATED AREA WITH TRANSVERSE NARROW CRACK
C108	3	SIDEWALK OVERHANG		Y													C2-10		AT FLOORBEAM CANTILEVER 16 E FACE ON S OVERHANG - 8" DIA DELAMINATED AREA
C109	3	SIDEWALK OVERHANG		Y								Y		Y			C2-11		AT FLOORBEAM CANTILEVER 13 W FACE ON S OVERHANG - 1' X 8" DELAMINATED AREA WITH DIAGONAL CRACK AND RUST STAINING
C110	3	SIDEWALK OVERHANG												Y			C2-12		S OVERHANG BTWN FLOORBEAMS 13 & 14 ON DECK SOFFIT - TRANSVERSE NARROW CRACKS ACROSS ENTIRE WIDTH BTWN FLOORBEAMS
C111	3	SIDEWALK OVERHANG	Y							Y	Y						C2-13		S OVERHANG BTWN FLOORBEAMS 12 & 13 ON DECK SOFFIT - 2'X1' SPALL WITH EXPOSED BAR - APPROX 1/16" SECTION LOSS TO DIAMETER OF BAR
C112	3	SIDEWALK OVERHANG	Y							Y	Y						C2-14		S OVERHANG ON FLOORBEAM CANTILEVER 12 W FACE - (2) SPALLS WITH EXPOSED BARS WITH APPROX 1/8" SECTION LOSS TO DIAMETER OF BAR
C113	3	SPANDREL WALL - A	Y						Y								C2-15		S FACE OF WALL BTWN FLOORBEAMS 12 & 13 - 1.5'X7" DELAMINATION AT AREA EXHIBITING SEEPAGE AND LEAKAGE FROM ABOVE
C114	3	SIDEWALK OVERHANG	Y							Y	Y			Y			C2-16		S OVERHANG ON FLOORBEAM CANTILEVER 11 - 8" DIA SPALL WITH EXPOSED BAR WITH APPROX 1/16" SECTION LOSS TO DIA OF BAR. ALSO, TRANSVERSE NARROW CRACKS
C115	3	SIDEWALK OVERHANG	Y	Y						Y	Y						C2-17		S OVERHANG AT END OF FLOORBEAM CANTILEVER 11 IN DECK SOFFIT - 6" LONG SPALL WITH EXPOSED BAR, 1/16" SECTION LOSS MAX. ALSO, ADJACENT SMALL DELAMINATION
C116	3	SIDEWALK OVERHANG												Y			C2-18		S OVERHANG IN DECK SOFFIT BTWN FLOORBEAM CANTILEVERS 10 & 11 - TYPICAL NARROW CRACK IN DECK SOFFIT
C117	3	SIDEWALK OVERHANG		Y													C2-18		S OVERHANG IN FLOORBEAM CANTILEVER 10 W FACE - 1.5' X 9" DELAMINATION
C118	3	SPANDREL WALL - A		Y													C2-19		S FACE, BELOW FLOORBEAM CANTILEVER 10 - 2'-8" X 16" DELAMINATED AREA
C119	3	SIDEWALK OVERHANG	Y							Y	Y						C2-20		S OVERHANG, FLOORBEAM CANTILEVER 10, E FACE - 12" LONG SPALL WITH EXPOSED BAR WITH 1/16" SECTION LOSS TO DIA OF BAR
C120	3	SPANDREL ARCH - A											Y				C2-21		S FACE, BELOW FLOORBEAM CANTILEVER 9 - TRANSVERS HAIRLINE CRACKS SPACED 8" O.C. - PATTERN SUGGEST SHRINKAGE CRACKS
C121	3	SIDEWALK OVERHANG		Y					Y								C2-22		S OVERHANG AT FLOORBEAM CANTILEVER 8, W FACE - EVIDENCE OF SEEPAGE THROUGH JOINT AND 6" DIA DELAMINATED AREA AT END OF CANTILEVER
C122	3	SPANDREL WALL - A		Y													C2-23		S FACE BELOW FLOORBEAM CANTILVER 9 - 16" X 5" DELAMINATED AREA
C123	3	FLOORBEAM													Y		C2-27		FLOORBEAM 16 BTWN B&C - MEDIUM VERTICAL CRACK ON W FACE. DOES NOT EXTEND ACROSS BOTTOM FACE OF FLOORBEAM
C124	3	FLOORBEAM	Y							Y							C2-28		FLOORBEAM 17 BTWN B&C - 3 SMALL SPALLS WITH EXPOSED BAR (VERY SHALLOW COVER). MAX LENGTH EXPOSED 8". NO SECTION LOSS
C125	3	DECK SOFFIT	Y							Y							C2-29		BTWN FLOORBEAMS 17 & 18 -EXPOSED BAR DUE TO INSUFFICIENT COVER, NO SECTION LOSS, NEAR RIB B

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C126	3	DECK SOFFIT	Y							Y							C2-30		BTWN FLOORBEAMS 17 & 18 - EXPOSED BARS DUE TO INSUFFICIENT COVER, NO SECTION LOSS, NEAR RIB C
C127	3	FLOORBEAM	Y							Y							C2-31		FLOORBEAM 16 BTWN B& C, NEAR C, E FACE - 6" LENGTH OF BAR EXPOSED, INSUFFICIENT COVER, NO SECTION LOSS
C128	3	FLOORBEAM											Y				C2-32		FLOORBEAM 16 BTWN B&C - VERTICAL NARROW CRACK AT MIDSPAN
C129	3	SPANDREL WALL - B					Y										C2-33		BELOW FLOORBEAM 15 IN PILASTER, N FACE - 1-1/2" DEEP HONEYCOMBING
C130	3	DECK SOFFIT	Y	Y						Y	Y						C2-34		IN SOFFIT BTWN FLOORBEAMS 13 & 14 AND SPANDREL WALLS B&C AT C - 1' LENGTH OF EXPOSED REBAR, 1/16" SECTION LOSS TO DIA OF BAR, 4' X 6" DELAMINATED AREA ADJACENT, INSUFFICIENT COVER
C131	3	DECK SOFFIT								Y	Y						C2-35		IN SOFFIT BTWN FLOORBEAMS 13 & 14 AND SPANDREL WALLS B&C AT B - 3 EXPOSED BARS WITH < 1/16" SECTION LOSS TO DIAMETER, NO COVER
C132	3	FLOORBEAM								Y							C2-36		FLOORBEAM 12, W FACE, BTWN B&C, 1/3 PT OF SPAN FROM B - 4" LENGTH OF EXPOSED BAR, NO COVER
C133	3	FLOORBEAM												Y			C2-37		FLOORBEAM 12, W FACE, BTWN B&C, MIDSPAN - VERTICAL NARROW CRACK THAT ALSO WRAPS AROUND BOTTOM FACE OF FLOORBEAM ACROSS HALF OF WIDTH
C133	3	FLOORBEAM												Y			C2-38		FLOORBEAM 12, W FACE, BTWN B&C, MIDSPAN - VERTICAL NARROW CRACK THAT ALSO WRAPS AROUND BOTTOM FACE OF FLOORBEAM ACROSS HALF OF WIDTH
C134	3	FLOORBEAM												Y			C2-39		FLOORBEAM 12, E FACE, BTWN B&C, MIDSPAN - VERTICAL NARROW CRACK
C135	3	SPANDREL ARCH - A	Y	Y						Y							C2-40		BELOW FLOORBEAM 8 - 1' SE CORNER SPALL, 4' H AND 1' EXPOSED BAR AND DELAMINATED AREA ADJACENT
C135	3	SPANDREL ARCH - A	Y	Y						Y							C2-41		BELOW FLOORBEAM 8 - 1' SE CORNER SPALL, 4' H AND 1' EXPOSED BAR AND DELAMINATED AREA ADJACENT
C136	3	SPANDREL COLUMN - A	Y							Y	Y						C2-42		IN COLUMN 8 - 5' TALL SPALL WITH EXPOSED BAR, MAX 100% LOSS TO BAR DIAM, 2 LAYERS EXPOSED
C136	3	SPANDREL COLUMN - A	Y							Y	Y						C2-44		IN COLUMN 8 - 5' TALL SPALL WITH EXPOSED BAR, MAX 100% LOSS TO BAR DIAM, 2 LAYERS EXPOSED
C136	3	SPANDREL COLUMN - A	Y							Y	Y						C2-45		IN COLUMN 8 - 5' TALL SPALL WITH EXPOSED BAR, MAX 100% LOSS TO BAR DIAM, 2 LAYERS EXPOSED
C136	3	SPANDREL COLUMN - A	Y							Y	Y						C2-46		IN COLUMN 8, S FACE - 5' TALL SPALL WITH EXPOSED BAR, MAX 100% LOSS TO BAR DIAM, 2 LAYERS EXPOSED
C137	3	SPANDREL COLUMN - A							Y								C2-43		OVER SPANDREL COL 8 - EVIDENCE OF WATER LEAKAGE, CONTRIBUTING TO DEFICIENCIES AT C135 & C136
C138	3	SIDEWALK OVERHANG		Y													C2-47		S OVERHANG, FLOORBEAM CANTILEVER 7, W FACE - 1.5'X1' DELAMINATION
C139	3	SPANDREL COLUMN - A				Y								Y			C2-48		ADJACENT TO SPANDREL COL 8 - MULTIPLE CRACKS ALL AROUND EXPANSION JOINT PATCHING MATERIAL
C140	3	SIDEWALK OVERHANG		Y						Y	Y			Y			C2-49		S OVERHANG IN SOFFIT BTWN FLOORBEAM CANTILEVERS 6&7 - 4'X8" DELAMINATED AREA. TRANSVERSE NARROW DECK CRACK FROM EDGE TO SPANDREL ARCH A. 4" EXPOSED BAR ON CANTILEVER 6 WITH 1/16" SECTION LOSS TO BAR DIAMETER
C141	3	SIDEWALK OVERHANG								Y							C2-50		S OVERHANG, FLOORBEAM CANTILEVER 7, E FACE - 3" L EXPOSED BAR WITH NO SIGNIFICANT LOSS. DUE TO INSUFFICIENT COVER
C142	3	SIDEWALK OVERHANG			Y									Y			C2-52		S OVERHANG, FLOORBEAM CANTILEVER 5, W FACE - DIAGONAL CRACK WITH EFFLORESCENCE AND MULTIPLE NARROW CRACKS AROUND CJ

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C143	3	SIDEWALK OVERHANG		Y													C2-53		S OVERHANG, FLOORBEAM CANTILEVER 4, W FACE - (2) DELAMINATED AREAS BOTH 4" DIA AND A 8" DIA DELAMINATED AREA ON SOFFIT BTWN CANTILEVERS 4 & 5
C144	3	SPANDREL ARCH - A		Y													C2-54		ABOVE SPANDREL COLUMN 4, W FACE - MULTIPLE DELAMINATED AREAS 4' DIA AND 4' H X 4" W
C144	3	SPANDREL ARCH - A		Y													C2-55		ABOVE SPANDREL COLUMN 4, W FACE - MULTIPLE DELAMINATED AREAS 4' DIA AND 4' H X 4" W
C144	3	SPANDREL ARCH - A		Y													C2-58		ABOVE SPANDREL COLUMN 4, W FACE - MULTIPLE DELAMINATED AREAS 4' DIA AND 4' H X 4" W
C144	3	SPANDREL ARCH - A		Y													C2-59		ABOVE SPANDREL COLUMN 4, W FACE - MULTIPLE DELAMINATED AREAS 4' DIA AND 4' H X 4" W
C145	3	SPANDREL COLUMN - A		Y													C2-56		SPANDREL COLUMN 4, W FACE - 3'X5' DELAMINATED AREA
C146	3	LIGHT POLE PILASTER	Y	Y												Y	C2-57		SIGNIFICANT DETERIORATION OF LIGHT POLE SUPPORT BRACKET. LOOSE CONCRETE. RECOMMEND REMOVAL
C200	PIER 1	RAILING/BARRIER	Y														C3-01		NORTH RAIL, RAIL CAP CONTAINMENT CONCRETE BROKEN ON BOTH SIDES (E&W) OF RAIL
C201	EAST ABUTMENT	RAILING/BARRIER															C3-02		NE BRIDGE MARKER
C202		TYPICAL PHOTO															C3-03	W	TYPICAL ENDVIEW
C202		TYPICAL PHOTO															C3-04	W	TYPICAL ENDVIEW
C202		TYPICAL PHOTO															C3-05	W	TYPICAL ENDVIEW
C203	EAST ABUTMENT	RAILING/BARRIER															C3-06		SE BRIDGE MARKER
C204	3	RAILING/BARRIER	Y	Y						Y							C3-07		NORTH SIDE RAIL - 1' SPALL WITH EXPOSED REBAR, NO SECTION LOSS. ADJACENT DELAMINATED AREA (1'X1') AT BASE OF RAIL
C205	PIER 2	SPANDREL ARCH - D	Y							Y	Y						C3-08	SE	AT W FACE OF PIER 2 - 4'H X 1.5' W CORNER SPALL WITH EXPOSED BAR WITH UP TO 50% SECTION LOSS
C206	PIER 2	PIER 2 EXTERIOR			Y											Y	C3-09	E	WEST FACE BWTN SPANDREL ARCHS C&D - HEAVY EFFLORESCENCE ALONG HORIZONTAL CRACK
C207	PIER 2	PIER 2 EXTERIOR	Y	Y						Y	Y						C3-10	E	ADJACENT TO RIB D SPANDREL ARCH, MULTIPLE DELAMINATIONS AND SPALLS ON PIER 2 W FACE: 6'W X 4' H (AND HAS A SMALL SPALL WITH 4" EXPOSED BAR WITH 75% SECTION LOSS), 5'W X 4' H AND A 3'H X 1' W CORNER SPALL WITH EXPOSED BAR WITH 75% SECTION LOSS
C208	PIER 2	PIER 2 EXTERIOR							Y							Y	C3-11	E	WEST FACE BTWN SPANDREL ARCHES C&D - SEEPAGE AT EXPANSION JOINT, DIAGONAL CRACKS IN UPPER NORTH CORNER
C209	PIER 2	SPANDREL ARCH - C					Y		Y							Y	C3-12	SE	PIER 2 W FACE - WIDE DIAGONAL CRACK RUNNING FROM EXPANSION JOINT BEHIND SPANDREL ARCH WALL ACROSS PILASTER. ALSO, EXPOSED BAR IN HONEYCOMBED AREA, NO SECTION LOSS TO BAR
C210	PIER 2	UTILITY							Y					Y			C3-13	S	PIER 2 W FACE - VERTICAL/DIAGONAL CRACK FROM DECK TO UPPER SOUR CORNER OF UTILITY CUTOUT. 3" LENGTH OF EXPOSED BAR IN UTILITY CUTTOUT SOFFIT
C210	PIER 2	UTILITY							Y					Y			C3-14	S	PIER 2 W FACE - VERTICAL/DIAGONAL CRACK FROM DECK TO UPPER SOUR CORNER OF UTILITY CUTOUT. 3" LENGTH OF EXPOSED BAR IN UTILITY CUTTOUT SOFFIT
C211	PIER 2	PIER 2 EXTERIOR		Y													C3-17	E	WEST FACE - 5'X4' DELAMINATION
C212	PIER 2	PIER 2 EXTERIOR	Y			Y											C3-18	S	WEST FACE AT SPANDREL ARCH A - LARGE SPALL/PATCH AREA MEASURING 6'X2'

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C213	3	SIDEWALK OVERHANG	Y							Y	Y						C3-19	S	N SIDEWALK OVERHANG, AT FLOORBEAM CANTILEVER 2 - 1' DIA SPALL WITH EXPOSED BAR WITH 1/16" SECTION LOSS. DUE TO INSUFFICIENT COVER
C214	3	SIDEWALK OVERHANG	Y							Y	Y						C3-20	SW	N SIDEWALK OVERHANG, IN DECK SOFFIT BTWN CANTILVERS 2 & 3 - 1.5' LONG EXPOSED BAR WITH 1/16" SECTION LOSS. DUE TO INSUFFICIENT COVER
C215	3	UTILITY															C3-21	W	WATER MAIN TYPICAL CONFIGURATION ON N SIDE OF BRIDGE
C216	3	DECK SOFFIT	Y							Y							C3-22	W	BTWN C&D AT FLOORBEAM 4 - 2 SMALL SPALLS/POPOUTS WITH EXPOSED BAR. NO SIGNIFICANT SECTION LOSS
C217	3	SPANDREL ARCH - D					Y										C3-23	NW	S FACE AT FLOORBEAM 4 - MULTIPLE AREAS OF HONEYCOMBING TYPICAL THROUGHOUT
C218	3	DECK SOFFIT															C3-24	NE	DECK SOFFIT AT D BTWN FLOORBEAMS 1&2 - 1' EXPOSED BAR, NO SIGNIFICANT SECTION LOSS. DUE TO SHALLOW COVER
C219	3	SPANDREL ARCH - D	Y	Y		Y				Y	Y						C3-25	S	N FACE AT COLUMN 4 - 3.5' EXPOSED BAR, SPALL AND DELAMINATED AREA. 70% SECTION LOSS TO BAR. ALSO OLD FAILED PATCH IN AREA
C219	3	SPANDREL ARCH - D	Y	Y		Y				Y	Y						C3-26	S	N FACE AT COLUMN 4 - 3.5' EXPOSED BAR, SPALL AND DELAMINATED AREA. 70% SECTION LOSS TO BAR. ALSO OLD FAILED PATCH IN AREA
C220	3	BEAM					Y										C3-27		BEAM BTWN SPANDREL ARCHES C&D UNDER FLOORBEAM 5 - SEVERE HONEYCOMBING
C221	3	BEAM								Y							C3-28	SE	BEAM BTWN SPANDREL ARCHES C&D UNDER FLOORBEAM 5 - 4" LONG EXPOSED BAR, NO COVER
C222	3	FLOORBEAM											Y				C3-29		TYPICAL CONDITION AT FLOORBEAMS AT C BTWN FLOORBEAM LINES 3 AND 7 - DIAGONAL CRACK AT FACE OF SUPPORT IS TYPICAL
C222	3	FLOORBEAM											Y				C3-30		TYPICAL CONDITION AT FLOORBEAMS AT C BTWN FLOORBEAM LINES 3 AND 7 - DIAGONAL CRACK AT FACE OF SUPPORT IS TYPICAL
C223	3	LIGHT POLE PILASTER	Y	Y	Y						Y						C3-31	N	SPANDREL ARCH D AT FLOORBEAM 6 - SPALL, DELAMINATION, SECTION LOSS, EFFLORESCENCE TO SUPPORT BRACKET
C224	3	FLOORBEAM	Y	Y						Y	Y						C3-32	N	FLOORBEAM 7 BTWN C&D, NEAR D - SPALL, DELAMINATION AND EXPOSED BAR WITH SECTION LOSS (70%), 7' LENGTH AFFECTED
C224	3	FLOORBEAM	Y	Y						Y	Y						C3-33	N	FLOORBEAM 7 BTWN C&D, NEAR D - SPALL, DELAMINATION AND EXPOSED BAR WITH SECTION LOSS (70%), 7' LENGTH AFFECTED
C225	3	SPANDREL COLUMN - D		Y													C3-34	NW	BELOW FLOORBEAM 8, S FACE - 5'X1' CORNER DELAMINATION
C226	3	FLOORBEAM		Y													C3-35	W	FLOORBEAM 8 BTWN C&D - 4' DELAMINATION ON FULL WIDTH OF BOTTOM FACE
C227	3	SPANDREL COLUMN - C		Y													C3-36	SE	BELOW FLOORBEAM 4, NW CORNER - 3'H X 6" W CORNER DELAMINATION
C228	3	SPANDREL ARCH - D	Y	Y										Y			C3-38		BOTH FACES OF SPANDREL WALL D, BTWN F/Bs 7 AND 8, N FACE HAS EXPOSED REBAR WITH UP TO 1/8" LOSS IN 6' LONG SPALL. S FACE 6' LONG DELAMINATION WITH SMALL SPALLS. NOTE HONEYCOMBING PATCHES.

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C228	3	SPANDREL ARCH - D	Y	Y										Y			C3-39		BOTH FACES OF SPANDREL WALL D, BTWN F/Bs 7 AND 8, N FACE HAS EXPOSED REBAR WITH UP TO 1/8" LOSS IN 6' LONG SPALL. S FACE 6' LONG DELAMINATION WITH SMALL SPALLS. NOTE HONEYCOMBING PATCHES.
C229	3	SPANDREL ARCH - D					Y		Y								C3-37		UNDER FLOORBEAM 5, RANDOM HONEYCOMBING WITH EXPOSED REBAR, 2 SQ FT
C230	3	SPANDREL ARCH - D												Y			C3-40		AT SPANDREL COLUMN 8, N FACE - 2 CRACKS EXTENDING FROM EXP JT AT COLUMN
C231	3	SPANDREL ARCH - D						Y									C3-41		HEAVY LEAKAGE AT EXPANSION JT AT FLOORBEAM 8
C232	3	SPANDREL ARCH - D														Y	C3-42		UP TO 3/4" SEPARATION AT EXPANSION JOINT JUST ABOVE ARCH D MAIN RIB
C233	3	SPANDREL ARCH - D	Y	Y					Y	Y							C3-43		BTWN FLOORBEAMS 8&9, N FACE - MULTIPLE DELAMINATED AREAS AND SPALLS WITH EXPOSED REBAR WITH UP TO 1/16" LOSS TO BAR DIAMETER
C233	3	SPANDREL ARCH - D	Y	Y					Y	Y							C3-46		BTWN FLOORBEAMS 8&9, N FACE - MULTIPLE DELAMINATED AREAS AND SPALLS WITH EXPOSED REBAR WITH UP TO 1/16" LOSS TO BAR DIAMETER
C233	3	SPANDREL ARCH - D	Y	Y					Y	Y							C3-48		BTWN FLOORBEAMS 8&9, N FACE - MULTIPLE DELAMINATED AREAS AND SPALLS WITH EXPOSED REBAR WITH UP TO 1/16" LOSS TO BAR DIAMETER
C233	3	SPANDREL ARCH - D	Y	Y					Y	Y							C3-49		BTWN FLOORBEAMS 8&9, N FACE - MULTIPLE DELAMINATED AREAS AND SPALLS WITH EXPOSED REBAR WITH UP TO 1/16" LOSS TO BAR DIAMETER
C234	3	SPANDREL ARCH - D		Y													C3-44		N FACE AT COLUMN 8 - 7'H X 6" W CORNER DELAMINATION
C235	3	SPANDREL ARCH - D	Y						Y	Y				Y			C3-45		N FACE AT COLUMN 8 - 4'H X 4" W CORNER SPALL WITH EXPOSED BAR WITH 1/16" SECTION LOSS TO BAR DIA. ALSO NARROW CRACK EMINATING FROM TOP OF SPALL
C236	3	SIDEWALK OVERHANG														Y	C3-47		N OVERHANG AT FLOORBEAM CANTILEVER 8 - WIDE CRACK EXTENDING THROUGH DECK AND CANTILEVER AT DECK JOINT
C237	3	SIDEWALK OVERHANG		Y													C3-50		N OVERHANG BTWN 8 & 9 - 1 SQ FT DELAMINATION IN DECK SOFFIT
C238	3	SIDEWALK OVERHANG												Y			C3-52		N OVERHANG AT FLOORBEAM CANTILEVER 11 - VERY COMMON TRANSVERSE NARROW CRACKS IN DECK SOFFIT
C239	3	SIDEWALK OVERHANG	Y						Y								C3-51		N OVERHANG AT FLOORBEAM CANTILEVER 9 - 8" EXPOSED BAR WITH NO SECTION LOSS IN DECK SOFFIT ON W SIDE OF FB 9
C240	3	SIDEWALK OVERHANG		Y													C3-57		N OVERHANGE AT FB CANTILEVER 10, W FACE - 6" DIA DELAMINATED AREA
C241	3	SIDEWALK OVERHANG			Y									Y			C3-58		N OVERHANGE AT FB CANTILEVER 12 - VERTICAL CRACK THROUGH DECK AND FACE OF FB CANTILEVER, WITH EFFLORESCENCE
C242	3	RAILING/BARRIER		Y												Y	C3-59		N RAIL BTWN FLOORBEAMS 12 & 14 - HEAVY DETERIORATION TO RAIL. WIDE LONGITUDINAL CRACKS, DELAMINATED MATERIAL, SIGNIFICANT DETERIORATION OF RAIL IS TYPICAL
C243	3	SIDEWALK OVERHANG		Y													C3-60		N OVERHANG BTWN FB CANTILEVERS 15&16 - 3' X 1' DELAMINATION IN DECK SOFFIT
C244	3	RAILING/BARRIER		Y												Y	C3-61		N RAIL BTWN FLOORBEAMS 16&18 - VERY WIDE CRACKS AND SIGNIFICANT DETERIORATION IN RAIL
C245	3	SIDEWALK OVERHANG	Y						Y	Y							C3-62		N OVERHANG BTWN FB CANTILEVERS 16&17 - 3 EXPOSED BARS, ONE HAS 1/16" SECTION LOSS, INSUFFICIENT COVER
C246	3	SIDEWALK OVERHANG	Y						Y								C3-63		N OVERHANG BTWN FB CANTILEVERS 18&19 - 6" OF EXPOSED BAR IN DECK SOFFIT
C247	3	SPANDREL ARCH - D		Y												Y	C3-67		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C247	3	SPANDREL ARCH - D		Y												Y	C3-68		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT
C247	3	SPANDREL ARCH - D		Y												Y	C3-69		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT
C247	3	SPANDREL ARCH - D		Y												Y	C3-70		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT
C247	3	SPANDREL ARCH - D		Y												Y	C3-71		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT
C247	3	SPANDREL ARCH - D		Y												Y	C3-72		BTWN FB 20 & 22 - LARGE 16' L X 1.5' CORNER DELAMINATION WITH ADJACENT 1/8" WIDE CRACK RUNNING TO EXPANSION JOINT
C248	3	SPANDREL COLUMN - D		Y													NONE		SPANDREL COL D20, NW CORNER - 1' X 8" DELAMINATION
C249	3	SIDEWALK OVERHANG															C3-73		N OVERHANG BTWN FB CANTILEVERS 20&21 - 4" EXPOSED BAR, NO SECTION LOSS
C250	3	SPANDREL ARCH - D	Y	Y	Y				Y								C3-74		N FACE BTWN FB 23&24 - HEAVY SEEPAGE AND EFFLORESCENCE BUILDUP WITH SMALL SPALLS AND DELAMINATIONS AROUND UTILITY BRACKET
C250	3	SPANDREL ARCH - D	Y	Y	Y				Y								C3-75		N FACE BTWN FB 23&24 - HEAVY SEEPAGE AND EFFLORESCENCE BUILDUP WITH SMALL SPALLS AND DELAMINATIONS AROUND UTILITY BRACKET
C251	3	SIDEWALK OVERHANG			Y												C3-76		N OVERHANG, FB CANTILEVER 24 - NARROW CRACKS WITH EFFLORESCENCE
C252	3	SPANDREL ARCH - D								Y							C3-77		N FACE BELOW FB CANTILEVER 25 - 4" EXPOSED BAR, NO SECTION LOSS
C253	3	SPANDREL ARCH - D														Y	C3-78		N FACE BELOW FB CANTILEVER 23 - WIDE CRACKS EXTENDING ALONG TOP OF ARCH
C254	3	SPANDREL ARCH - D	Y	Y					Y								C3-79		UNDERSIDE OF SPANDREL ARCH D BTWN FB 20&21 - 1' WIDE DELAMINATION FROM BASE OF SPANDREL ARCH TO TOP AT LIGHT POST BRACKET, ALSO SPALL WITH EXPOSED BAR AT BASE OF ARCH
C254	3	SPANDREL ARCH - D	Y	Y					Y								C3-81		UNDERSIDE OF SPANDREL ARCH D BTWN FB 20&21 - 1' WIDE DELAMINATION FROM BASE OF SPANDREL ARCH TO TOP AT LIGHT POST BRACKET, ALSO SPALL WITH EXPOSED BAR AT BASE OF ARCH
C255	3	LIGHT POLE PILASTER	Y						Y								C3-80		AT SPANDREL ARCH D, FB 22 - HEAVILY DETERIORATED LIGHT POLE SUPPORT
C256	3	FLOORBEAM	Y		Y				Y	Y	Y						C3-82		FB 20 BTWN C&D - MULTIPLE EXPOSED BARS (15" L MAX), 1/16" SECTION LOSS TO BARS, RUST STAINING, JOINT LEAKAGE AND EFFLORESCENCE
C257	3	FLOORBEAM		Y					Y								C3-83		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS
C257	3	FLOORBEAM		Y					Y								C3-88		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS
C257	3	FLOORBEAM		Y					Y								C3-90		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS
C257	3	FLOORBEAM		Y					Y								C3-91		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS
C257	3	FLOORBEAM		Y					Y								C3-92		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C257	3	FLOORBEAM		Y						Y							C3-93		FB 24 BTWN C&D, E FACE - DELAMINATION ALONG ENTIRE LENGTH OF BOTTOM FACE, ALSO EVIDENCE OF SEEPAGE ON WEBS
C258	3	DECK SOFFIT		Y													C3-84		BTWN FB 20&21 AND C&D - 8 SF DELAMINATION IN SOFFIT
C259	3	BEAM													Y		C3-85		BEAM BTWN SPANDREL ARCHES C&D AT FB'S 21 & 23 - MEDIUM VERTICAL & DIAGONAL CRACKS IN BEAMS 2' FROM FACE OF D
C259	3	BEAM													Y		C3-89		BEAM BTWN SPANDREL ARCHES C&D AT FB'S 21 & 23 - MEDIUM VERTICAL & DIAGONAL CRACKS IN BEAMS 2' FROM FACE OF D
C259	3	BEAM													Y		C3-94		BEAM BTWN SPANDREL ARCHES C&D AT FB'S 21 & 23 - MEDIUM VERTICAL & DIAGONAL CRACKS IN BEAMS 2' FROM FACE OF D
C260	3	FLOORBEAM												Y			C3-86		FB'S 20-24 BTWN C&D - TYPICAL DIAGONAL NARROW CRACKS IN FB/PILASTER INTERSECTION
C260	3	FLOORBEAM												Y			C3-87		FB'S 20-24 BTWN C&D - TYPICAL DIAGONAL NARROW CRACKS IN FB/PILASTER INTERSECTION
C261	3	DECK SOFFIT															C3-95		BTWN FB'S 25&26 AND C&D - 2 EXPOSED BARS DUE TO INSUFFICIENT COVER, NO SECTION LOSS, 2.5 FT EXPOSED
C262	3	PIER 3 EXTERIOR							Y								C3-98	NW	EAST FACE OF PIER 3 AT SPANDREL ARCH D - HEAVY SEEPAGE AT EXP JT
C263	3	FLOORBEAM	Y							Y							C3-99	NE	FB 22 BTWN C&D NEAR FACE OF C - LARGE SPALL WITH 2' EXPOSED BAR, 60% SECTION LOSS TO BAR (LOCATED RIGHT ABOVE ABANDONED WATER MAIN)
C265	3	SPANDREL COLUMN - D												Y			C3-101		D24, S FACE - DIAG CRACK FROM WEST SIDE SPANDREL ARCH TO CENTER LINE, APPROX 6' LONG
C266	3	SPANDREL COLUMN - C												Y			C3-102		C24, N FACE - DIAG CRACK FROM WEST SIDE SPANDREL ARCH TO CENTER LINE, APPROX 4' LONG
C267	3	DECK SOFFIT	Y	Y						Y							C3-103		FB 27 TO PIER 3, BTWN C&D - 4 EXPOSED BARS, 3"L TO 1.5' L, 10 SF ADJACENT DELAMINATED AREA
C267	3	DECK SOFFIT	Y	Y						Y							C3-104		FB 27 TO PIER 3, BTWN C&D - 4 EXPOSED BARS, 3"L TO 1.5' L, 10 SF ADJACENT DELAMINATED AREA
C268	3	FLOORBEAM												Y			C3-105		FB 25, C-D, AT C PILASTER - TYPICAL DIAGONAL CRACK
C269	PIER 3	PIER 3 EXTERIOR							Y			Y					C3-106		E FACE AT SPANDREL ARCH D - HEAVY SEEPAGE FROM EXPANSION JOINT
C269	PIER 3	PIER 3 EXTERIOR							Y			Y					C3-107		E FACE AT SPANDREL ARCH D - HEAVY SEEPAGE FROM EXPANSION JOINT
C270	PIER 3	PIER 3 EXTERIOR							Y			Y					C3-108		E FACE AT SPANDREL ARCH D - HEAVY SEEPAGE FROM EXPANSION JOINT
C271	3	BEAM													Y		C3-109		BEAM BWTN SPANDREL ARCHES C&D AT FB 27 - VERTICAL CRACK 2' FROM FACE OF SPANDREL ARCH C
C272	3	FLOORBEAM												Y			C3-110		FB 26 AT SPANDREL WALL C - MULTIPLE NARROW TO HAIRLINE CRACKS. DIAG AT PILASTER SUPPORT AND TRANSVERSE ACROSS BOTTOM FACE SPACED 8"-10" O.C.
C272	3	FLOORBEAM												Y			C3-111		FB 26 AT SPANDREL WALL C - MULTIPLE NARROW TO HAIRLINE CRACKS. DIAG AT PILASTER SUPPORT AND TRANSVERSE ACROSS BOTTOM FACE SPACED 8"-10" O.C.
C273	3	SPANDREL COLUMN - D				Y										Y	C3-112		SPANDREL COL D24, NE CORNER - WIDE CRACKS AROUND PATCH REPAIR TO CORNER, 5'H X 6" WIDE, NO DELAMINATION
C274	PIER 3	PIER 3 EXTERIOR	Y							Y	Y						C3-113		E FACE, NE CORNER - 4'L X 4" H SPALL WITH EXPOSED BAR, ESTIMATE 10% SECTION LOSS TO BAR, INSUFFICIENT COVER
C275	3	SPANDREL COLUMN - D			Y												C3-114		SPANDREL COL D24, NW CORNER - HEAVY EFFLORESCENCE BUILDUP AT BASE OF SPANDREL ARCH
C276	3	SPANDREL ARCH - D	Y	Y													C3-115		NEAR SPANDREL COL D24 - 4'H X 1'W DELAMINATION WITH MINOR SPALLING ON WEST UNDERSIDE, NEAR N FACE
C277	3	SIDEWALK OVERHANG				Y											C3-116		N OVERHANG BTWN FB 25&26 - LARGE AREA OF PATCHWORK ON SOFFIT, 2' X 1.5'
C278	PIER 3	PIER 3 EXTERIOR	Y	Y						Y							C3-117		NE CORNER - 3'H X 6" W CORNER SPALL/DELAMINATION WITH EXPOSED BAR
C278	PIER 3	PIER 3 EXTERIOR	Y	Y						Y							C3-118		NE CORNER - 3'H X 6" W CORNER SPALL/DELAMINATION WITH EXPOSED BAR

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C279	PIER 2	PIER 2 EXTERIOR	Y														C3-119		N FACE, 10' BELOW DECK - 1 SF SPALL
C280	PIER 2	PIER 2 EXTERIOR	Y							Y	Y						C3-119		N FACE, 10' BELOW DECK - SMALL SPALL WITH EXPOSED BAR WITH 1/8" SECTION LOSS
C281	PIER 2	PIER 2 EXTERIOR	Y	Y						Y							C3-120		N FACE, 10' BELOW DECK ON NW CORNER - 1 SF DELAM/SPALL WITH EXPOSED BAR
C282	PIER 2	PIER 2 EXTERIOR		Y													NO PHOTO		N FACE, 17' BELOW DECK - 6' H X 1' W DELAMINATION IN MIDDLE OF PIER
C283	PIER 2	PIER 2 EXTERIOR	Y														M3-29		NW CORNER, 25' BELOW DECK - 3'H X 6" DEEP CORNER SPALL
C284	PIER 2	PIER 2 EXTERIOR	Y							Y							M3-30		N FACE, 27' BELOW DECK - 1 SF SPALL WITH EXPOSED BAR, MIDDLE OF PIER
C285	PIER 2	PIER 2 EXTERIOR		Y													M3-31		NW CORNER, 40' BELOW DECK - 3'L X 8"W DELAMINATION
C300	3	FLOORBEAM											Y				C4-01		ON FLOORBEAM 6 BTWN SPANDREL WALLS B&C AT C - TRANSVERSE HAIRLINE CRACKS ON BOTTOM FACE, 3' AND 5' FROM SPANDREL WALL C
C301	3	FLOORBEAM	Y														C4-02		ON FLOORBEAM 8 BTWN SPANDREL WALLS B&C AT C - LARGE DEEP CORNER SPALL AT EXPANSION JOINT, 1' L, 6" DEEP, 8" H
C302	3	DECK SOFFIT	Y	Y						Y							C4-03		DECK SOFFIT BTWN FLOORBEAMS 4&5 AND SPANDREL WALLS B&C - MULTIPLE SHALLOW DELAMINATIONS ON SOFFIT, INSUFFICIENT COVER, 8" EXPOSED BAR AT SPANDREL WALL B
C303	3	FLOORBEAM	Y							Y							C4-04		ON FLOORBEAM 7 - 3 EXPOSED BARS, MAX 6" EXPOSED, NO SECTION LOSS TO BARS
C304	3	FLOORBEAM		Y										Y			C4-05		ON FLOORBEAM 4 - LARGE DELAMINATION, 4' L X 6" D X FULL WIDTH AT MIDSPAN BTWN SPANDREL WALLS A&B. ALSO, MULTIPLE TRANSVERSE AND AND VERTICAL NARROW CRACKS
C304	3	FLOORBEAM		Y										Y			C4-06		ON FLOORBEAM 4 - LARGE DELAMINATION, 4' L X 6" D X FULL WIDTH AT MIDSPAN BTWN SPANDREL WALLS A&B. ALSO, MULTIPLE TRANSVERSE AND AND VERTICAL NARROW CRACKS
C304	3	FLOORBEAM		Y										Y			C4-07		ON FLOORBEAM 4 - LARGE DELAMINATION, 4' L X 6" D X FULL WIDTH AT MIDSPAN BTWN SPANDREL WALLS A&B. ALSO, MULTIPLE TRANSVERSE AND AND VERTICAL NARROW CRACKS
C305	3	SPANDREL WALL - A					Y										C4-08		IN PILASTER BELOW FLOORBEAM 5, TYPICAL HONEYCOMBING AT BASE OF PILASTER
C306	3	CHLORIDE ION SAMPLE															C4-09		SAMPLE LOCATION #1 - SPANDREL COLUMN A-4
C307	3	CHLORIDE ION SAMPLE															C4-10		SAMPLE LOCATION #2 - SPANDREL COLUMN A-4
C308	3	CHLORIDE ION SAMPLE															C4-11		SAMPLE LOCATION #3 - SPANDREL WALL AT A-8
C309	3	CHLORIDE ION SAMPLE															C4-12		SAMPLE LOCATION #4 - SPANDREL WALL AT A-8
C310	3	SIDEWALK OVERHANG			Y									Y			C4-13		MULTIPLE NARROW CRACKS IN SOFFIT WITH MODERATE EFFLORESCENCE
C311	3	SPANDREL WALL - A	Y	Y						Y	Y						C4-14		UNDER FLOORBEAMS 2 & 3 - 5' H X 4' W X 4" D DELAMINATION WITH SPALLS AND EXPOSED BARS (4" EXPOSED WITH 3/16" SECTION LOSS TO BARS). 3 ADDITIONAL EXPOSED BARS ADJACENT TO DELAMINATION WITH 4" EXPOSED AND 1/16" SECTION LOSS TO BARS
C311	3	SPANDREL WALL - A	Y	Y						Y	Y						C4-17		UNDER FLOORBEAMS 2 & 3 - 5' H X 4' W X 4" D DELAMINATION WITH SPALLS AND EXPOSED BARS (4" EXPOSED WITH 3/16" SECTION LOSS TO BARS). 3 ADDITIONAL EXPOSED BARS ADJACENT TO DELAMINATION WITH 4" EXPOSED AND 1/16" SECTION LOSS TO BARS

LATAH CREEK BRIDGE - FIELD NOTES																		
ID	S#	COMPONENT /LOCATION	SPALL DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C311	3	SPANDREL WALL - A	Y	Y					Y	Y						C4-18		UNDER FLOORBEAMS 2 & 3 - 5' H X 4' W X 4" D DELAMINATION WITH SPALLS AND EXPOSED BARS (4 " EXPOSED WITH 3/16" SECTION LOSS TO BARS). 3 ADDITIONAL EXPOSED BARS ADJACENT TO DELAMINATION WITH 4" EXPOSED AND 1/16" SECTION LOSS TO BARS
C311	3	SPANDREL WALL - A	Y	Y					Y	Y						C4-19		UNDER FLOORBEAMS 2 & 3 - 5' H X 4' W X 4" D DELAMINATION WITH SPALLS AND EXPOSED BARS (4 " EXPOSED WITH 3/16" SECTION LOSS TO BARS). 3 ADDITIONAL EXPOSED BARS ADJACENT TO DELAMINATION WITH 4" EXPOSED AND 1/16" SECTION LOSS TO BARS
C312	3	SPANDREL WALL - A	Y	Y										Y		C4-15		LARGE 2' W X 7' L SPALL UNDER SPANDREL WALL ARCH WITH LONGITUDINAL CRACKS FULL LENGTH, BTWN FLOORBEAMS 1 AND 2. ADJACENT DELAMINATIONS
C312	3	SPANDREL WALL - A	Y	Y										Y		C4-23		LARGE 2' W X 7' L SPALL UNDER SPANDREL WALL ARCH WITH LONGITUDINAL CRACKS FULL LENGTH, BTWN FLOORBEAMS 1 AND 2. ADJACENT DELAMINATIONS
C313	PIER 2	PIER 2 EXTERIOR			Y									Y		C4-16		WEST FACE OF PIER 2 AT SW CORNER - MODERATE EFFLORESCENCE AND VERTICAL CRACK APPROX 10' LONG DOWN TO CONSTRUCTION JOINT
C314	3	SPANDREL WALL - A	Y	Y										Y		C4-24		ON SPANDREL ARCH WALL A BTWN FLOORBEAMS 0 & 1 - 2' W X 5' L SPALL UNDER SPANDREL ARCH WALL WITH LONGITUDINAL CRACKS FULL LENGTH
C315	3	SIDEWALK OVERHANG	Y		Y				Y	Y	Y			Y		C4-20		MULTIPLE CRACKS WITH EFFLORESCENCE, 1 EXPOSED BAR (APPROX 1' EXPOSED), WITH 20% SECTION LOSS TO BAR.
C315	3	SIDEWALK OVERHANG	Y						Y	Y						C4-21		1' LONG SPALL WITH EXPOSED BAR WITH APPROXIMATELY 1/16" SECTION LOSS
C316	3	SIDEWALK OVERHANG	Y	Y				Y	Y							C4-22		SMALL CORNER SPALL, EXPOSED BAR, AT EXPANSION JOINT
C317	3	FLOORBEAM		Y									Y			C4-25		ON FLOORBEAM 4, BTWN SPANDREL ARCH WALLS B&C, NEAR C, EAST FACE - FULL WEB HEIGHT VERTICAL CRACKS LOCATED 2' AND 4' FROM NORTH END OF FLOORBEAM. ALSO, MULTIPLE SHALLOW DELAMINATIONS (1' X 8" MAX SIZE) ON ADJACENT DECK SOFFIT.
C318	3	DECK SOFFIT	Y	Y					Y							C4-26		MULTIPLE SHALLOW DELAMINATIONS AND SPALLS WITH EXPOSED REBAR WITH NO SIGNIFICANT SECTION LOSS. MAX LENGTH OF EXPOSED BAR APPROXIMATELY 1'
C319	3	DECK SOFFIT	Y	Y					Y	Y						C4-27		BTWN PIER 2 AND FLOORBEAM 1 AND BETWEEN ARCH RIB LINES B & C - MULTIPLE EXPOSED BARS WITH UP TO 40% SECTION LOSS WITH SURROUNDING SPALLS AND DELAMINATIONS MEASURING 5' X 3'
C319	3	DECK SOFFIT	Y	Y					Y	Y						C4-30		BTWN PIER 2 AND FLOORBEAM 1 AND BETWEEN ARCH RIB LINES B & C - MULTIPLE EXPOSED BARS WITH UP TO 40% SECTION LOSS WITH SURROUNDING SPALLS AND DELAMINATIONS MEASURING 5' X 3'
C320	3	DECK SOFFIT	Y	Y					Y	Y						C4-28		BTWN PIER 2 AND FLOORBEAM 1 AND BTWN ARCH RIB LINES B & C - 3 LINES OF EXPOSED BARS, FULL BAY WIDTH WITH SPALLS AND DELAMINATIONS MEASURING 3' X 5'
C320	3	DECK SOFFIT	Y	Y					Y	Y						C4-31		BTWN PIER 2 AND FLOORBEAM 1 AND BTWN ARCH RIB LINES B & C - 3 LINES OF EXPOSED BARS, FULL BAY WIDTH WITH SPALLS AND DELAMINATIONS MEASURING 3' X 5'
C321	3	DECK SOFFIT	Y	Y					Y	Y						C4-29		BTWN PIER 2 AND FLOORBEAM 1 AND BTWN ARCH RIB LINES B & C - 1.5 SQ FT SPALL/DELAMINATION WITH EXPOSED BAR WITH 40% SECTION LOSS

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
C321	3	DECK SOFFIT	Y	Y						Y	Y						C4-32		BTWN PIER 2 AND FLOORBEAM 1 AND BTWN ARCH RIB LINES B & C - 1.5 SQ FT SPALL/DELAMINATION WITH EXPOSED BAR WITH 40% SECTION LOSS
C322	3	SPANDREL ARCH - B	Y														C4-33		8" WIDE X 3" DEEP X 3" HIGH SPALL AT TOP OF SPANDREL ARCH CORNER UNDER FLOORBEAM 2, NORTH SIDE
C323	3	CHLORIDE ION SAMPLE															C4-34		SAMPLE LOCATION #5 - OBTAINED IN FLOORBEAM 2, BTWN B & C ARCH RIB LINES
C324	3	DECK SOFFIT		Y										Y			C4-35		MULTIPLE NARROW CRACKS IN SOFFIT NEAR ARCH RIB B LINE AND 2.5' W X 3' L DELAMINATION
C325	3	DECK SOFFIT	Y	Y						Y	Y						C4-36		5' X 5' SPALLED AREA WITH EXPOSED BARS WITH 3/8" DIAM. SECTION REMAINING
C325	3	DECK SOFFIT	Y	Y						Y	Y						C4-38		5' X 5' SPALLED AREA WITH EXPOSED BARS WITH 3/8" DIAM. SECTION REMAINING
C326	3	SPANDREL WALL - A													Y		C4-37		HORIZONTAL MEDIUM CRACK EXTENDING OUT FROM CONST. JOINT THROUGH SPANDREL ARCH WALL
C327	3	DECK SOFFIT	Y	Y						Y	Y						C4-39		SPALL WITH 4" LONG EXPOSED BAR WITH LESS THAN 1/16" DIAM SECTION LOSS, AND ADJACENT DELAMINATION 10" X 4"
C328	3	FLOORBEAM												Y			C4-40		FLOORBEAM 1 BTWM ARCH RIB LINES A&B NEAR MIDSPAN - MULTIPLE TRANSVERSE NARROW CRACKS ON BOTTOM FACE AND VERTICAL FACES OF WEB
C329	3	CHLORIDE ION SAMPLE															C4-41		SAMPLE LOCATION #6 - OBTAINED IN FLOORBEAM 2 ADJACENT TO SPANDREL ARCH WALL A
C330	3	FLOORBEAM	Y	Y					Y	Y	Y					Y	C4-42		DELAMINATION ON EAST FACE AT MIDSPAN. 2 EXPOSED BARS WITH 1/8" SECTION LOSS NEAR SPANDREL WALL A ON WEB. 2' L EXPOSED BAR WITH 1/16" SECTION LOSS ON DECK SOFFIT BTWN FLOORBEAMS 3 & 4. ALSO AN EXPANSION JT EXISTS ON EAST FACE OF FLOORBEAM 4
C331	PIER 2	CHLORIDE ION SAMPLE															C4-43		SAMPLE LOCATION #7 - OBTAINED IN PIER 2, EXTERIOR WALL, SOUTH FACE
C332	PIER 2	CHLORIDE ION SAMPLE															D4-32		SAMPLE LOCATION #8 - OBTAINED IN PIER 2, INTERIOR OF SOUTH WALL, MID-HEIGHT BTWN CEILING AND FLOOR
C332	PIER 2	CHLORIDE ION SAMPLE															D4-33		SAMPLE LOCATION #8 - OBTAINED IN PIER 2, INTERIOR OF SOUTH WALL, MID-HEIGHT BTWN CEILING AND FLOOR
C333	PIER 2	CHLORIDE ION SAMPLE															D4-34		SAMPLE LOCATION #9 - OBTAINED IN PIER 2 INTERIOR, BEAM 1, 1.5 FT FROM W END OF BEAM IN S SIDE OF BEAM
C333	PIER 2	CHLORIDE ION SAMPLE															D4-35		SAMPLE LOCATION #9 - OBTAINED IN PIER 2 INTERIOR, BEAM 1, 1.5 FT FROM W END OF BEAM IN S SIDE OF BEAM
C334	PIER 2	CHLORIDE ION SAMPLE															C4-52		SAMPLE LOCATION #10 - OBTAINED IN PIER 2 EXTERIOR, NORTH FACE
C335	3	CHLORIDE ION SAMPLE															C4-53		SAMPLE LOCATION #11 - OBTAINED IN FLOORBEAM 2 BTWN C&D SPANDREL WALLS, ADJACENT TO WALL D
C336	3	CHLORIDE ION SAMPLE															C4-54		SAMPLE LOCATION #12 - OBTAINED IN N FACE OF ARCH RIB D (WHERE HALF CELL TESTING PERFORMED), 4' E AND 1.5' DOWN FROM END OF SPANDREL ARCH WALL AT FLOORBEAM LINE 8
CORE A	PIER 2	DECK															M3-10		TOTAL DECK THICKNESS = 17-1/2", CORE TAKEN 3' SOUTH OF NORTH CURB. BOTTOM CONC DECK = 7-3/4" THICK, CONC OVERLAY = 2-1/2", 2 LAYERS OF ASPHALT ON TOP, LOWER LAYER OF ASPHALT WAS PUNKY
CORE A	PIER 2	DECK															M3-11		TOTAL DECK THICKNESS = 17-1/2", CORE TAKEN 3' SOUTH OF NORTH CURB. BOTTOM CONC DECK = 7-3/4" THICK, CONC OVERLAY = 2-1/2", 2 LAYERS OF ASPHALT ON TOP, LOWER LAYER OF ASPHALT WAS PUNKY
CORE B	PIER 2	DECK															M3-16		TOTAL DECK THICKNESS = 32", CORE TAKEN 17'-6" SOUTH OF NORTH CURB OVER PIER 2, BOTTOM CONC DECK = 10" THICK, LW OVERLAY = 1" THICK, BALLAST LAYER, RR TIE LAYER INFILLED WITH CONCRETE = 8-3/4" THICK, TOP TWO LAYERS WERE ASPHALT, LOWER ASPHALT LAYER WAS PUNKY

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
CORE B	PIER 2	DECK															M3-17		TOTAL DECK THICKNESS = 32", CORE TAKEN 17'-6" SOUTH OF NORTH CURB OVER PIER 2, BOTTOM CONC DECK = 10" THICK, LW OVERLAY = 1" THICK, BALLAST LAYER, RR TIE LAYER INFILLED WITH CONCRETE = 8-3/4" THICK, TOP TWO LAYERS WERE ASPHALT, LOWER ASPHALT LAYER WAS PUNKY
CORE C	PIER 2	DECK															M3-12		TOTAL DECK THICKNESS = 17", TAKEN 3' NORTH OF SOUTH CURB, BOTTOM CONC DECK = 7-1/2" THICK, CONC OVERLAY = 2-3/8" THICK, 2 LAYERS OF ASPHALT, LOWER LAYER WAS PUNKY
CORE C	PIER 2	DECK															M3-13		TOTAL DECK THICKNESS = 17", TAKEN 3' NORTH OF SOUTH CURB, BOTTOM CONC DECK = 7-1/2" THICK, CONC OVERLAY = 2-3/8" THICK, 2 LAYERS OF ASPHALT, LOWER LAYER WAS PUNKY
CORE D	3	DECK															M3-14		TOTAL DECK THICKNESS = 19", TAKEN 3' SOUTH OF NORTH CURB, BOTTOM CONC DECK = 9" THICK, CONC OVERLAY = 2", 2 LAYERS OF ASPHALT, LOWER LAYER WAS PUNKY
CORE D	3	DECK															M3-15		TOTAL DECK THICKNESS = 19", TAKEN 3' SOUTH OF NORTH CURB, BOTTOM CONC DECK = 9" THICK, CONC OVERLAY = 2", 2 LAYERS OF ASPHALT, LOWER LAYER WAS PUNKY
CORE D	3	DECK SOFFIT															C3-100		ALSO NOTED AT C264
D001	3	SPANDREL COLUMN - A		Y						Y							D1-01	E	5' X 3' DELAMINATION WITH EXPOSED REBAR
D001	3	SPANDREL COLUMN - A		Y						Y							D1-12	E	5' X 3' DELAMINATION WITH EXPOSED REBAR
D002	3	SPANDREL WALL - A	Y	Y						Y							D1-23	W	EAST FACE, UNDER F/B 8, AT SPANDREL WALL, 4' X 1'DELAM
D002	3	SPANDREL WALL - A	Y	Y						Y							D1-28	W	EAST FACE, UNDER F/B 8, AT SPANDREL WALL, 2' - 8" X 1' SPALL WITH EXPOSED REBAR
D003	3	ARCH RIB A	Y	Y													D1-30	S	10" HIGH DELAMINATION AT BASE OF PILASTER ON NORTH FACE, AT F/B 18
D004	3	ARCH RIB A			Y				Y								D1-31	S	AT F/B 16 EFFLORESCENCE AND WATER LEAKING AT DRAIN AND JOINT
D005	3	ARCH RIB A		Y													D1-32	S	10" HIGH DELAMINATION AT BASE OF PILASTER, ON CORNER OF F/B 19, NORTH FACE
D006	3	SPANDREL WALL - B								Y							D1-05	E	UNDERSIDE OF MEMBER, 2 AREAS OF EXPOSED REBAR DUE TO POOR COVER
D007	3	SPANDREL COLUMN - B	Y							Y	Y						D1-06	W	SE CORNER OF SPANDREL COLUMN AT F/B 24, 1/16" DIA LOSS TO REBAR
D101	3	ARCH RIB B												Y			D2-1	E	2' LONG NARROW CRACK ON TOP OF ARCH RIB B
D102	3	PIER 3 EXTERIOR		Y													D2-2	W	6' HIGH CORNER DELAMINATION, STARTS 3' ABOVE ARCH TOP
D103	3	PIER 2 EXTERIOR		Y													D2-3	W	W FACE OF PIER 2 BTWN. ARCH RIBS B-C, 15' BELOW TOP OF ARCH-PIER FACE INTERSECTION - 3' LONG BY 10" WIDE DELAMINATION ALONG CONSTR. JOINT
D104	3	PIER 2 EXTERIOR												Y			D2-4	W	NARROW VERT. CRACK IN W FACE 10' BELOW TOP OF ARCH-PIER FACE INTERSECTION, 6' LONG BTWN. ARCH RIBS B-C
D105	3	PIER 2 EXTERIOR													Y		D2-5	W	MEDIUM VERT. CRACK STARTS APPROX. 60' ABOVE GROUNDLINE AND EXTENDS TO GROUND, BTWN. ARCH RIBS B-C, W FACE.
D106	3	PIER 2 EXTERIOR														Y	D2-11		WIDE HORIZ.-DIAG. CRACK 4' LONG WITH EFFLO. & ADJACENT HONEYCOMBING, 10' BELOW DECK SOFFIT WHERE SPANDREL ARCH MEETS PIER FACE
D107	3	SIDEWALK OVERHANG	Y	Y		Y				Y							D2-12	UP	SE CORNER OF PIER 2 AT DECK SOFFIT, LARGE FAILING PATCH (DELAMINATED) WITH SMALL SPALL WITH EXPOSED REBAR IN SOFFIT

LATAH CREEK BRIDGE - FIELD NOTES																		
ID	S#	COMPONENT /LOCATION	SPALL DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
D201	3	SPANDREL WALL - D	Y	Y					Y	Y						D3-1		BOTH FACES OF SPANDREL WALL D, BTWN F/Bs 7 AND 8, N FACE HAS EXPOSED REBAR WITH UP TO 1/8" LOSS IN 6' LONG SPALL. S FACE 6' LONG DELAMINATION WITH SMALL SPALLS. NOTE HONEYCOMBING PATCHES.
D302	3	SPANDREL WALL - C	Y	Y		Y										D3-2	E	NEAR FB 20 IN UNDERSIDE OF SPANDREL WALL C - HONEYCOMBING, DELAMINATION, SMALL SPALLS ALONG INTERFACE WITH TOP OF ARCH, APPROX. 6" HIGH DELAM.
D302	3	SPANDREL WALL - C	Y						Y							D3-3	E	JUST ABOVE SPANDREL WALL-ARCH TOP JUNCTURE - 2 SMALL SPALLS WITH EXPOSED REBAR DUE TO VERY SHALLOW COVER
D303	3	SPANDREL WALL - D	Y	Y					Y						Y	D3-4	ENE	LARGE SPALL & ADJACENT DELAMINATIONS WITH CRACKING ON SW CORNER OF SPANDREL WALL D BTWN. FB 20-21. NOTE EXPOSED LONGIT. REBAR
D303	3	SPANDREL WALL - D		Y					Y						Y	D3-5	N	LARGE DELAMINATIONS WITH CRACKING ON UNDERSIDE OF SPANDREL WALL D NEAR FB 21. NOTE EXPOSED LONGIT. REBAR
D304	4	FLOORBEAM	Y						Y							D4-19	N	BOTTOM FACE OF FLOORBEAM 24, SPALL WITH EXPOSED BARS FOR APPROXIMATELY HALF OF BEAM'S LENGTH. BTWN ARCH RIBS A & B
D305	7	ARCH FLOOR														D4-29	W	HOLE IN CONCRETE UNDER ARCH FLOOR BETWEEN RIBS C & D, NEAR ARCH ABUTMENT 2
D306	PIER 6	SIDEWALK OVERHANG													Y	D4-31	N	WIDE CRACKS UNDER SIDEWALK OVERHANG, AT PIER 6, S. SIDE
D400	2	FLOORBEAM	Y	Y					Y						Y	D4-01	E	FLOORBEAM 4 IN SPAN 2, HEAVY CORROSION IN BARS NEARLY FULL LENGTH BOTTOM FACE SPALL. SPALLING, CRACKS AND DELAMINATIONS EXTEND VERTICALLY ALONG SHEAR STIRRUPS. DEFICIENCIES LOCATED BTWN ARCH RIBS A & B
D401	2	LIGHT POLE PILASTER	Y						Y						Y	D4-02	SE	SPALL WITH WIDE CRACKING AND EXPOSED BAR DUE TO SHALLOW COVER AT FLOORBEAM 6, ARCH RIB A
D402	PIER 2	PIER 2 EXTERIOR	Y	Y					Y							NO PHOTO		EAST FACE OF PIER 2, BTWN ARCH RIBS A & B - 4' W X 4' H DELAMINATION WITH ADJACENT SPALL, APPROXIMATELY 40' FROM TOP OF PIER. BTWN RIBS B & C - A 4' H X 2' W SPALL WITH EXPOSED BAR
D403	PIER 2	PIER 2 EXTERIOR		Y												NO PHOTO		1'W X 1'H DELAMINATION BTWN ARCH RIBS B & C WHERE ARCH TOP MEETS EAST PIER FACE
E001	3	SPANDREL WALL - B	Y			Y			Y							E1-1	W	4" X 2" SPALL WITH EXPOSED BAR ON UNDERSIDE OF WALL, APPROXIMATELY 1/8" COVER ON REBAR. ALSO NOTE AREAS OF HONEYCOMBING. PHOTO OVER ARCH RIB B BTWN F/B 7 & 8
E002	3	SPANDREL WALL - B				Y										NO PHOTO		NEAR F/B 5, MULTIPLE PATCHES OF HONEYCOMBING, NO RUST STAINING OR EXPOSED BARS
E003	3	ARCH RIB B	Y	Y												D1-29	N	7" W X 4" H DELAMINATION WITH SMALL SPALL, NO EXPOSED BAR ON SOUTH FACE OF ARCH RIB B, BTWN F/B 11 & 12
E004	3	FLOORBEAM											Y			E1-3	NW	NARROW DIAGONAL CRACKS AT PILASTER-F/B CORNER INTERSECTION (TYPICAL BOTH WEB FACES) AT F/B'S 12, 15, 16, 17, 19, 20). ALSO, NARROW PERIMETER CRACK THRU BOTH WEB FACES AT BOTTOM FACE F/B 12, APPROXIMATELY 39" FROM EDGE OF PILASTER. NO EXPOSED BAR OR RUST STAINING
E005	3	SPANDREL WALL - B				Y										E1-4	N	HEAVY HONEYCOMBING IN PILASTER 18, SOUTH FACE AND IN SPANDREL WALL BTWN F/B'S 17 & 18. NOTE: SMALL HONEYCOMB PATCHES ARE TYPICAL THROUGHOUT SPANDRAL WALLS WITH LIGHT DENSITY. HONEYCOMBING HEAVY AT BASE OF PILASTER 15 TOO.
E006	3	SPANDREL WALL - A		Y					Y							E1-5	SE	AT F/B 20, HEAVY LEAKAGE THROUGH JOINT AND WICK DRAIN (STEEL PIPE) - LITTLE OR NO CONCRETE DETERIORATION EXCEPT APPROXIMATELY 1' H X 8" W DELAMINATION IN W F/B 20 FACE BELOW WICK DRAIN OUTLET, NEAR UNDERSIDE OF DECK
E007	3	ARCH FLOOR														E1-6	W	GENERAL CONDITON PHOTO - TOP OF ARCH FLOOR BTWN ARCH RIBS A & B AND F/B'S 20-24. NOTE DEBRIS BUILD-UP AT BOTTOM CORNER, PARTIALLY CLOGGED DRAIN HOLE

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
E008	PIER 2	BEAM	Y	Y					Y	Y	Y						D1-7	E	B1 AT DECK SOFFIT - FULL LENGTH SPALLING AND DELAMINATION WITH EXPOSE REBAR WITH 1/16" DIA AVERAGE LOSS TO BARS
E008	PIER 2	BEAM	Y	Y					Y	Y	Y						D1-8	N	S FACE B1, CLOSE-UP OF REBAR SECTION LOSS AND PACKRUST
E008	PIER 2	BEAM	Y	Y					Y	Y	Y						D1-9	S	N FACE B1, CRACK AND DELAMINATION ALONG BOTTOM MAT OF REBAR
E008	PIER 2	BEAM	Y	Y					Y	Y	Y						D1-10	S	WEST END OF B1, N FACE, NOTE HEAVY LEAKAGE ADJACENT TO STEEL SCUPPER PAN
E008	PIER 2	BEAM	Y	Y					Y	Y	Y						D1-11	N	S FACE B1, REBAR SECTION LOSS DETAIL
E009	PIER 2	BEAM		Y													D1-13	N	2.5' LONG X 7" H DELAMINATION ON S FACE OF B4 AT W PIER WALL INSIDE PIER 2
E010	PIER 2	PIER 2 INTERIOR	Y	Y	Y				Y							Y	D1-14	W	W WALL ADJACENT TO B1 UNDER S UTILITY BANK - 18" W X 8" H DELAMINATED AREA WITH SPALLING AND CRACKING. NOTE HEAVY LEAKAGE FROM SIDEWALK ABOVE. ALSO NOTE ADJACENT CRACKING WITH EFFLORESCENCE
E011	PIER 2	DECK SOFFIT	Y						Y	Y						Y	D1-15	E	DECK SOFFIT BTWN S PIER WALL AND B1 - FULL LENGTH WIDE LONGITUDINAL CRACK AND TRANSVERSE WIDE CRACK WITH LEAKAGE (TRANSVERSE CRACK IS APPROX 2' WEST OF E PIER WALL). ALSO NOTE SMALL SPALLS WITH EXPOSED REBAR ALONG S WALL AND AROUND MANHOLE.
E012	PIER 2	BEAM	Y						Y	Y							D1-17	E	BEAM 9 - LARGE SPALL 5' LONG X 1' WIDE WITH EXPOSED REBAR WITH 1/8" DIA SECTION LOSS (TYP ALL 4 LONGITUDINAL BARS). 1 SHEAR STIRRUP BOTTOM LEG HAS 100% SECTION LOSS APPROX 2'-10" FROM EAST END OF B9.
E013	PIER 2	BEAM	Y						Y	Y							D1-18	W	FULL LENGTH SPALL WITH EXPOSED REBAR WITH 1/8" SECTION LOSS ON LONGIT. BARS & STIRRUPS, B10 @ PIER 2.
E013	PIER 2	BEAM	Y						Y	Y							D1-19	W	SAME LOCATION AS D1-25, CLOSE-UP NEAR W END OF BEAM
E013	PIER 2	BEAM	Y						Y	Y							D1-20	E	SAME LOCATION AS D1-25, E HALF OF BEAM.
E014	PIER 2	DECK SOFFIT	Y						Y							Y	D1-21	E & UP	MULTIPLE SPALLS WITH EXPOSED REBAR BTWN. N PIER WALL & B10. LARGE SPALL ALONG E PIER WALL. ALSO NOTE LONGIT. CRACK FULL LENGTH APPROX. 18" FROM N PIER WALL.
E015	PIER 2	DECK SOFFIT	Y						Y								NO PHOTO		SPALLS WITH EXPOSED REBAR AROUND PERIMETER OF MANHOLE.
E016	PIER 2	PIER 2 INTERIOR			Y											Y	D1-22	W	1/8" MAX. WIDE CRACKS WITH EFFLORESCENCE IN W PIER WALL BTWN. N PIER WALL & B10.
E016	PIER 2	PIER 2 INTERIOR			Y											Y	D1-24	W	SAME LOCATION AS D1-22, DETAIL OF UPPER HALF.
E017	PIER 2	PIER 2 INTERIOR	Y		Y											Y	D1-25	E	SPALLS AROUND UTILITY PENETRATION & 1/8" MAX. WIDE CRACKS IN E PIER WALL BTWN. N PIER WALL & B10.
E018	PIER 2	DECK SOFFIT	Y						Y	Y							D1-26	UP	LARGE SPALL WITH SEVERE & UP TO 100% SECTION LOSS OF TRANSV. REBAR IN DECK BTWN. N PIER WALL & B10 AT E PIER WALL.
E019	PIER 2	UTILITY									Y						D1-27	S	FAILED STEEL UTILITY HANGER SUPPORT NEAR E PIER WALL (12" DIA. WATERLINE).
E020	3	FLOORBEAM												Y			E1-2	NW	F/B 12 AT SPANDREL WALL B - DIAG. CRACKS AT F/B PILASTER CORNER AND PERIMETER CRACKING IN F/B APPROX. 3' FROM PILASTER FACE.
E101	3	ARCH RIB B														Y	E2-1	N	S FACE - THREE LONGIT. CRACKS EXTENDING FROM TRANSV. CONSTR. JOINT, UP TO 1/8" WIDE, LONGEST CRACK IS APPROX. 3' LONG, BENEATH FB 25
E102	3	ARCH RIB B			Y									Y			E2-2	N	S FACE - NARROW RANDOM CRACKING ADJACENT TO STAIR STEP CONSTR. JOINT. 15" MAX LENGTH, MINOR EFFLORESCENCE AT CONSTR. JOINT, BENEATH FB 27
E103	3	ARCH RIB A			Y									Y			E2-3	S	N FACE - NARROW RANDOM CRACKING ADJACENT TO CONSTR. JOINT. NOTE MODERATE EFFLO. ADJACENT TO PIER FACE

LATAH CREEK BRIDGE - FIELD NOTES																					
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT		
E104	3	PIER 3 EXTERIOR													Y		E2-5	SW	BTWN. ARCH RIBS A-B, 15' LONG MEDIUM VERT. CRACK INITIATES AT TRANSV. COLD JOINT & EXTENDS DOWN TO INTERSECTION OF ARCH FLOOR & E PIER FACE		
E105	3	ARCH FLOOR													Y		E2-6	SE	TOP OF ARCH FLOOR APPROX. 1' N OF N FACE OF ARCH RIB A - 5.5' MEDIUM VERT. CRACK		
E106	3	DEBRIS															E2-7	S	HEAVY DEBRIS (DIRT, GARBAGE, BIRD WASTE @ BASE OF ARCH FLOOR AT E FACE OF PIER 3 - DRAIN HOLE(S) NOT VISIBLE/LIKELY CLOGGED.		
E107	3	ARCH FLOOR															NO PHOTO		TOP OF ARCH FLOOR BTWN. ARCH RIBS A-B - NARROW FULL WIDTH TRANSV. CRACK		
E108	3	SPANDREL WALL - A															M2-3	S	1/8" WIDE CRACK APPROX. 9" LONG - N FACE SPANDREL WALL A, E OF FB 8		
E109	3	ARCH FLOOR															NO PHOTO		FULL WIDTH NARROW TRANSVERSE CRACK IN TOP OF ARCH FLOOR BTWN. ARCH RIBS A-B BELOW FB 2		
E110	3	PIER 2 EXTERIOR													Y		E2-8	SE	NARROW 3' LONG VERT. CRACK ADJACENT TO N FACE OF ARCH A - STARTS APPROX. 6' ABOVE ARCH FLOOR		
E111	3	DEBRIS															E2-9	S	HEAVY DEBRIS (DIRT, GARBAGE, BIRD WASTE @ BASE OF ARCH FLOOR AT W FACE OF PIER 2 - DRAIN HOLE(S) NOT VISIBLE/LIKELY CLOGGED. ALSO NOTE ORIGINAL FORMWORK REMAINING.		
E112	3	ARCH RIB A															Y	E2-11	W	3' LONG & 2' LONG TRANSV. CRACKS & 3' LONG LONGIT. CRACK IN TOP FACE OF ARCH RIB A BELOW FB 1-2	
E113	PIER 2	FLOORBEAM			Y												Y	E2-12	NW	SW FB CANTILEVER AT PIER 2, WIDE VERT. CRACK IN DECK FASCIA EXTENDS THRU TOP FLANGE OF FB CANTILEVER. NOTE MODERATE EFFLO. ON LOWER PORTION.	
E114	PIER 2	PIER 2 EXTERIOR															Y	E2-14	NE	MEDIUM VERT. CRACK EXTENDS FROM PEAK OF CURVED INSET TO TOP OF DECK ON S FACE	
E115	PIER 2	PIER 2 EXTERIOR															NO PHOTO		S FACE OF PIER 2 HAS MODERATE DENSITY OF HAIRLINE-NARROW CRACKING WITH MINOR EFFLORESCENCE, HONEYCOMBING, & RUST STAINING PATCHES		
E116	PIER 2	SIDEWALK OVERHANG		Y		Y												E2-15	UP & N	8" DIA. DELAMINATION BTWN. CENTER FB CANTILEVERS & 2' X 3' PATCH BTWN. E FB CANTILEVERS IN DECK SOFFIT ADJACENT TO S FACE OF PIER 2	
E117	PIER 2	PIER 2 EXTERIOR	Y							Y								E2-16	N	9" HIGH X 6" WIDE SPALL WITH EXPOSED REBAR, APPROX. 15' BELOW DECK, S FACE OF PIER 2	
E118	PIER 2	PIER 2 EXTERIOR															NO PHOTO		MEDIUM HORIZ. CRACK, APPROX. 10' LONG EXTENDS FROM W CORNER ON S FACE, 30' BELOW DECK		
E119	PIER 2	TYPICAL PHOTO																E2-17	UP & N	TYPICAL OVERALL CONDITION OF PIER 2, S FACE	
E120	PIER 2	PIER 2 EXTERIOR	Y															NO PHOTO		THREE 3" DIA. POPOUTS NEAR PIER CENTERLINE AT FORM TIE LOCATIONS, 48' BELOW DECK	
E121	PIER 2	PIER 2 EXTERIOR				Y												E2-18	NE	FULL WIDTH BY APPROX. 3' HIGH PATCH (APPEARS ORIGINAL) IS BULGING OUTWARD APPROX. 1"-2". APPEARS DUE TO FAILING FORMWORK DURING ORIGINAL CONSTRUCTION.	
E122	PIER 2	PIER 2 EXTERIOR								Y								NO PHOTO		2" DIA. POPOUT, 5' BELOW PATCHED AREA IN E121	
E123	PIER 2	PIER 2 EXTERIOR															Y	E2-19	UP & W	WIDE VERT. CRACK EXTENDS FROM ACCESS DOOR UPWARD TO SPRINGLINE ON E FACE BTWN. ARCH RIBS B-C	
E124	PIER 2	PIER 2 EXTERIOR	Y	Y														E2-20	W	IRREGULARLY SHAPED DELAMINATION WITH MULTIPLE SMALL SPALLS AROUND ACCESS DOOR, DELAMINATION IS MAX. 4' WIDE & 4.5' HIGH	
E125	PIER 2	PIER 2 EXTERIOR															Y	Y	E2-21	UP & E	MEDIUM-WIDE VERT. CRACK ON W FACE OF PIER 2 BTWN. ARCH RIBS B-C EXTENDS FROM GROUNDLINE TO SPRINGLINE
E126	3	RAILING/BARRIER	Y	Y											Y	Y	Y	E2-24	SE	TYPICAL RAILING CONDITION - LARGE PATCHES OF SEVERE SCALING WITH SPALLING, DELAMINATIONS, & CRACKING - NOTE MORTAR PASTE COATING WHICH TYPICALLY WAS NOT APPLIED TO EXTERIOR FACE OF RAILING. NEAR PIER 2, S RAILING	
E127	3	DECK																E2-25	NW	NEWER ASPHALT OVERLAY WITH MINOR RUTTING IN WHEEL LINES	

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
E128	3	SIDEWALK OVERHANG												Y	Y	Y	E2-26	WSW	S SIDEWALK IN SPAN 3 - TYPICAL WIDE TRANSVERSE CRACKS IN TOP OF SIDEWALK AT SPORADIC LOCATIONS
E129	PIER 4	SIDEWALK OVERHANG	Y			Y										Y	E2-28	NW	MULTIPLE PATCHES IN TOP OF SIDEWALK AT P4 EXP. JOINT. NOTE UPWARD BULGING & CRACKING OF SIDEWALK SLAB (LIKELY DUE TO FREEZE/THAW HEAVING OF FILL BENEATH SIDEWALK CONCRETE) & 5" DEEP HOLE/SPALL
E130	PIER 4	RAILING/BARRIER	Y						Y		Y						E2-29	S	2' LONG BY 1.5' HIGH SPALL WITH EXPOSED/CORRODED REBARS ON INSIDE FACE OF SIDEWALK BARRIER
E131	PIER 4	RAILING/BARRIER														Y	E2-30	S	1/2" MAX. WIDE OPEN CRACK AT PIER 4 JOINT, BASE OF S RAILING (CRACK EXTENDS AROUND CORNER OF BALCONY OVERHANG - SEE D306 FOR FURTHER DETAILS)
E132	PIER 5	SIDEWALK OVERHANG														Y	NO PHOTO		WIDE CRACK FULL WIDTH OF SIDEWALK, E SIDE OF PIER 5
E133	6	RAILING/BARRIER															E2-31	E	TYPICAL FASCIA RAILING
E134	6	RAILING/BARRIER															E2-32	SE	TYPICAL GAP BETWEEN BALLUSTERS & TOP RAILING. NO DOWELS/MECHANICAL CONNECTION BETWEEN TOP OF BALLUSTERS & BOTTOM OF TOP RAIL
E135	PIER 6	RAILING/BARRIER														Y	E2-33	S	LARGE OPEN CRACK EXTENDING FROM DECK JOINT THROUGH CORNER BALLUSTER, S RAILING
E136	7	RAILING/BARRIER															E2-34	S	BRIDGE PLAQUE - S RAILING NEAR W END ABUTMENT
E137	6	SIDEWALK OVERHANG				Y											E2-36	E	N SIDEWALK - TYPICAL, MULTIPLE CONCRETE PATCHES IN TOP OF SIDEWALK, NOTE VEGETATION GROWING THRU JOINTS/CRACKS
E138	6	RAILING/BARRIER															E2-37	W	UP TO 7/8" GAP BETWEEN BALLUSTERS & TOP RAIL, N RAILING
E139	4	SIDEWALK OVERHANG	Y			Y										Y	E2-38	N	TOP SIDEWALK SLAB (APPROX. 1 1/2" THICK) BULGING UPWARD WITH ADJACENT PATCH (LIKELY DUE TO FREEZE/THAW HEAVING OF FILL BENEATH)
E140	3	SIDEWALK OVERHANG	Y			Y										Y	E2-39	W	BULGING, CRACKING, PATCHES TYPICAL - TOP OF N SIDEWALK
E141	3	DRAINAGE															E2-40	S & DN	CLOGGED DRAIN GRATE ALONG N BARRIER LINE, TYP. ON N SIDE (S SIDE TYPICALLY LESS CLOGGED)
E301	3	ARCH RIB C														Y	E3-1	W	TOP OF ARCH RIB C, THREE NARROW-MEDIUM LONGIT. CRACKS, UP TO 2' LONG
E302	3	ARCH RIB C														Y	NO PHOTO		TOP OF ARCH RIB C, LONGIT. MEDIUM CRACK, 2' LONG, BELOW FB 2-3
E303	3	ARCH RIB C														Y	NO PHOTO		TOP OF ARCH RIB C, BELOW FB 1, 5' LONG MEDIUM-WIDE CRACK ALONG CENTERLINE RIB
E304	3	ARCH RIB C	Y						Y								E3-2	WSW	1 FT. HIGH BY 8" WIDE SPALL WITH EXPOSED REBAR ON TRANSV. STRUT BTWN. ARCH RIBS C-D, ADJACENT TO N FACE OF ARCH RIB C. SPALL IS ON E FACE OF SPANDREL STRUT
E305	3	ARCH RIB D	Y	Y													E3-3	N	CORNER DELAMINATION WITH SPALL IN S FACE, ARCH RIB D, BELOW FB 2-3. NOTE PIECE OF WOOD CAST IN CONCRETE AT SPALL LOCATION.
E306	3	ARCH RIB D	Y						Y								NO PHOTO		S FACE, ARCH RIB D, 3" DIA. POPOUT WITH EXPOSED REBAR, BELOW FB 2, NEAR TOP SURFACE OF RIB.
E307	3	ARCH FLOOR													Y	Y	E3-4	NNW	BWTN. ARCH RIBS C-D, TRANSV. MEDIUM-WIDE CRACK FULL WIDTH OF ARCH FLOOR, BELOW FB 2.
E308	3	ARCH RIB D	Y						Y								E3-5	N	S FACE, ARCH RIB D, 6" DIA. SPALL WITH EXPOSED REBAR AT END OF CRACK NOTED IN E307.
E309	3	ARCH RIB C		Y	Y											Y	E3-6	S	1' DIA. DELAMINATION IN N FACE OF ARCH RIB C, LOCATED APPROX. 3' W OF PIER FACE WHERE TOP ARCH MEETS PIER FACE. NOTE HORIZ. CRACK WITH EFFLO ADJACENT.
E310	3	ARCH RIB D	Y						Y								E3-7	N	S FACE, ARCH RIB D AT TOP OF ARCH FLOOR, 8" BY 4" SPALL WITH EXPOSED REBAR, LOCATED BELOW FB 1

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
E311	3	DEBRIS															E3-8	N	HEAVY DEBRIS BUILD-UP (INCL. OLD STEEL WATER LINE SECTIONS) AT BASE OF ARCH FLOOR/W FACE PIER 2 BTWN. ARCH RIBS C-D
E312	3	FLOORBEAM													Y		E3-9	W	E FACE OF FB 12 AT N FACE OF ARCH RIB C - MEDIUM DIAGONAL CRACK EXTENDS FROM FB-PILASTER CORNER, TYP. FB 8-20 ALONG N FACE OF ARCH RIB C.
E313	3	ARCH RIB C					Y										E3-10	SE	TRANSV. SPANDREL STRUT, W FACE, SEVERE HONEYCOMBING, UP TO 1/2" DEEP BTWN. ARCH RIBS C-D BELOW FB 24
E314	3	ARCH RIB C												Y			E3-11	S	N FACE, ARCH RIB C - THREE LONGIT. CRACKS EXTEND FROM C.J. BELOW FB 25, 18" MAX. LONG
E315	3	ARCH RIB D		Y										Y			E3-12	N	S FACE, ARCH RIB D - 15" LONG NARROW CRACK WITH EVIDENCE OF LEAKAGE, EXTENDS DOWN FROM TOP SURFACE. SHALLOW, SMALL DELAMINATION IS DEVELOPING ADJACENT TO CRACK, UNDER FB 26
E316	3	ARCH FLOOR												Y	Y		NO PHOTO		FULL WIDTH NARROW-MEDIUM CRACK ACROSS TOP OF FLOOR BTWN. ARCH RIBS C-D
E317	3	ARCH RIB D												Y			E3-13	N	S FACE, ARCH RIB D, NARROW DIAG. CRACK FOLLOWS STAIR STEP CONSTR. JOINT, APPROX. 4'-8" LONG, BELOW FB 27
E318	3	ARCH FLOOR													Y		E3-15	UP & E	13' LONG MEDIUM VERTICAL CRACK ON TOP OF ARCH FLOOR BTWN. ARCH RIBS C-D, APPROX. 1'-2' S OF ARCH RIB D. CRACK STARTS APPROX. 4' FROM PIER FACE-FLOOR JUNCTURE
E319	3	PIER 3 EXTERIOR														Y	E3-16	W & DN	WIDE VERT. CRACK IN E FACE OF PIER 3 AT MID-DISTANCE BTWN. ARCH RIBS C-D, APPROX. 25' LONG
E319	3	PIER 3 EXTERIOR														Y	E3-17	W & UP	WIDE VERT. CRACK IN E FACE OF PIER 3 AT MID-DISTANCE BTWN. ARCH RIBS C-D, APPROX. 25' LONG
E320	3	ARCH RIB C												Y			E3-18	W	MULT. LONGIT. NARROW CRACKS EXTENDING FROM TRANSV. CONSTR. JOINT, MAX. 2' LONG, BELOW FB 25 ON ARCH RIB C. SIMILAR CRACKS TYPICAL ALONG ARCH RIBS C & D FROM SPANDREL COLUMN TO PIER FACE
E321	3	ARCH RIB C	Y					Y									E3-19	DN & E	1' LONG BY 6" WIDE SPALL AT TOP CORNER OF ARCH RIB C, S FACE, APPROX. 3' E OF PIER 3 E FACE. NOTE VERY ROUGH/POORLY FINISHED CONCRETE ADJACENT TO SPALL WITH SCALING.
E322	3	SPANDREL COLUMN - D												Y			E3-20	E	W FACE OF SPANDREL COLUMN AT FB 24, ARCH RIB D - NARROW VERT. CRACK APPROX. 6' ALONG CENTERLINE
E323	3	ARCH RIB D												Y			NO PHOTO		TOP OF ARCH RIB D BELOW FB 25, MULTIPLE NARROW CRACKS (SIMILAR TO E320).
E324	3	SPANDREL COLUMN - D	Y						Y	Y							E3-22	N	SPALL WITH EXPOSED AND CORRODING REBAR AT SE CORNER OF SPANDREL COLUMN D AT FB 24 - SPALL IS 8" WIDE ON E FACE & 6" WIDE ON S FACE, APPROX. 1.5' H MAX. 1/8" LOSS ON VERT. REBAR
E325	3	SPANDREL COLUMN - D	Y	Y					Y	Y							E3-23	W	SPALL & ADJACENT 8" WIDE DELAM. WITH EXPOSED & CORRODING REBAR AT NE CORNER OF SPANDREL COLUMN D AT FB 24 - SPALL IS 8" WIDE N FACE & 18" MAX. WIDE E FACE, APPROX. 22" H MAX. WITH APPROX. 1/8" SECT. LOSS ON VERT. REBAR
E326	3	ARCH RIB D												Y			NONE		BTWN FB 20-24, TOP OF ARCH RIB D, TYPICAL RANDOM NARROW CRACKS ON TOP SURFACE
E327	PIER 2	PIER 2 INTERIOR															E3-25	DOWN/S	TYPICAL OVERALL ARCH LINE A & B ARE STEPPED ACROSS TOP, TYPICAL OF ALL ARCHES
E328	PIER 2	DEBRIS															E3-26	NORTH	MODERATE DEBRIS BUILDUP & FORM TIES TYP THROUGHOUT. WATER DAMAGE PRESENT INSIDE EAST FACE
E329	PIER 2	PIER 2 INTERIOR															E3-VIDEO1-P2		MOVIE OF PIER 2 INTERIOR FROM TOP ARCH C
E329	PIER 2	PIER 2 INTERIOR															E3-VIDEO2-P2		MOVIE OF PIER 2 INTERIOR FROM TOP ARCH C
E330	PIER 2	PIER 2 INTERIOR															E3-27	UP/WEST	CLOSED DRAINAGE SYSTEM RUNS DOWN LADDER, 20' SECTION OF RUPTURED DRAIN PIPE (LIKELY DUE TO CLOGGING & FREEZE/THAW DAMAGE)

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
E331	PIER 2	PIER 2 INTERIOR	Y							Y							E3-34	EAST	10"W X 6"H SPALL WITH EXPOSED REBAR 40' BELOW TOP OF PIER UNDER ARCH RIB C
E332	PIER 2	PIER 2 INTERIOR	Y		Y												E3-32	UP	UNDERSIDE OF UPPER CHAMBER FLOOR/SLAB ABOVE ARCH RIBS C & D - DIAG. CRACKS WITH EFFLO. IN SE & SW CORNERS & MULTIPLE SPALLS WITH EXPOSED & CORRODING REBAR
E333	PIER 2	PIER 2 INTERIOR	Y		Y												E3-33	UP	UNDERSIDE OF UPPER CHAMBER FLOOR/SLAB ABOVE ARCH RIBS A & B - MINOR EFFLO. CRACKING & SPORADIC SPALLS WITH EXPOSED/CORRODED REBAR
E334	PIER 2	PIER 2 INTERIOR			Y												NO PHOTO		HVY. EFFLORESCENCE AT TRANSV. CONSTR. JOINTS BTWN. ARCH RIBS B-C ON INTERIOR FACE OF W WALL FROM TOP OF ARCHES DOWN TO TOP FOOTING, PIER 2
E335	PIER 2	PIER 2 INTERIOR					Y										NO PHOTO		3' x 1' PATCH OF HONEYCOMBING ON E WALL INTERIOR FACE, JUST S OF ARCH RIB C NEAR TOP ARCH FACE
E336	PIER 2	PIER 2 INTERIOR															E3-29	DOWN/E	LOWER CHAMBER IN PIER 2, LOOKING AT ACCESS DOOR ON EAST INTERIOR FACE AND TRAPPED WATER AND DEBRIS.
E337	PIER 2	PIER 2 INTERIOR															E3-30	DOWN/W	LOWER CHAMBER IN PIER 2, LOOKING AT TRAPPED WATER AND DEBRIS ALONG W INTERIOR FACE
E400	2	PIER 2 EXTERIOR		Y													M4-1	WEST	LARGE DELAMS ON UPPER PORTIONS OF PIER 2, EAST FACE BTWN ARCH A & B.
E401	2	PIER 2 EXTERIOR		Y													M4-2	WEST	LARGE DELAMS ON UPPER PORTIONS OF PIER 2, EAST FACE BTWN ARCH A & B.
E402	2	PIER 2 EXTERIOR					Y										M4-3	WEST	TYPICAL LONGITUDINAL PIER BEAM BLOCKOUT ON EAST FACE, HONEYCOMBING TYPICAL
E403	2	PIER 2 EXTERIOR	Y						Y	Y							M4-4	SW	NE CORNER OF SPANDREL WALL ARCH A, 30"H X 16"W MAX DELAM WITH CRACKS, SPALLS AND EXPOSED REBAR. APPROX 1/8" S.L.
E404	2	PIER 2 EXTERIOR		Y													NONE		NOTE SIMILAR TO THAT OF E403. DELAM ONLY AND LESS SEVERE
E405	2	PIER 2 EXTERIOR	Y	Y													M4-5	UP/WEST	EAST FACE OF PIER 2 BTWN ARCH A & B, APPROX 4' SOUTH OF ARCH B, LARGE DELAM WITH 4' X 1' SPALL. MUCH OF DELAM IS INCIPIENT
M001	EAST APPROACH	TYPICAL PHOTO															M1-01		SCC CUTTING OPENING IN SOUTH CURTAIN WALL IN EAST APPROACH
M001	EAST APPROACH	TYPICAL PHOTO															M1-02		SCC CUTTING OPENING IN SOUTH CURTAIN WALL IN EAST APPROACH
M101	EAST APPROACH	FLOORBEAM	Y	Y	Y				Y	Y	Y	Y					D2-07		MAJOR SPALLED AREA WITH EXPOSED BOTTOM BARS ON FLOORBEAM WHERE EAST APPROACH MEETS SPAN 1 OF ARCH. WATER LEAKING THROUGH JOINT ABOVE
M102	EAST APPROACH	FLOORBEAM			Y				Y			Y					NO PHOTO		WATER LEAKAGE THOUGH JOINT, EFFLORESCENCE, RUST STAINING IN MEMBERS IN THIS AREA
M103	EAST APPROACH	DECK SOFFIT								Y							D2-08		NORTH OF BEAM 10 ALONG PIPE CHASE, LONGITUDINAL CRACK THE ENTIRE LENGTH, SOME EXPOSED BARS AT ENDS, EXTENDS DOWN FACE OF EAST WALL TOO
M104	EAST APPROACH	DECK SOFFIT	Y							Y	Y						D2-09		JUST SOUTH OF BEAM 10, IN MIDDLE OF SPAN, TWO SPALLS WITH EXPOSED REBAR. ASSUME 1/16" DIA LOSS TO BARS. SPALLS MEASURE 1' SQ EACH
M301	3	SPANDREL WALL - D			Y												M3-01	NE	S FACE. MINOR EFFLORESCENCE DEPOSITS
M302	3	SPANDREL WALL - D	Y							Y							M3-02		S FACE. 4" DIA SPALL WITH EXPOSED BAR. EAST FACE OF PILASTER BELOW FLOORBEAM 10
M303	3	FLOORBEAM		Y			Y										M3-03		2' LONG X 3" WIDE DELAM ON BOTTOM WEST EDGE OF FLOORBEAM 12, 3' SOUTH OF SPANDREL WALL D. ALSO HONEYCOMBING IN AREA.

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
M304	3	FLOORBEAM			Y												M3-04		EFFLORESCENCE ALONG JOINT ON E SIDE OF FLOORBEAM 12 BTWN RIB C & D
M305	3	FLOORBEAM			Y							Y		Y			M3-05		NARROW CRACKS WITH RUST STAINING AND EFFLORESCENCE IN FLOORBEAM 12 AT MIDSPAN BTWN RIBS C & D. CRACKS ON BOTH SIDES OF BOTTOM FACE.
M306	3	SPANDREL WALL - D	Y	Y					Y	Y							M3-06		S. FACE SPANDREL WALL D, BELOW FLOORBEAM 16, W FACE OF PILASTER. 10" H X 5" W SPALL WITH EXPOSED BAR WITH 1/16" DIA LOSS. DELAMINATED AREA MEASURING 1' SQ JUST BELOW THE SPALL. NOTE PLUGGED DRAIN PIPE IN PHOTO.
M307	3	FLOORBEAM			Y				Y								NO PHOTO		EFFLORESCENCE ALONG JOINT AT FLOORBEAM 16 BTWN SPANDREL WALLS C&D.
M308	3	SPANDREL WALL - D	Y														M3-07		S FACE OF SPANDREL WALL D, PILASTER BELOW FLOORBEAM 17 AT TOP OF RIB D - SPALL MEASURING 6" H X 8" W IN SE CORNER
M309	3	FLOORBEAM	Y		Y				Y	Y							M3-08		FLOORBEAM 16 BTWN SPANDREL WALLS C&D, APPROX 5' FROM SPANDREL WALL D, 8" DIA SPALL WITH EXPOSED BAR WITH 1/16 DIA LOSS. NOTE - VERY SHALLOW COVER WAS OVER BAR.
M310	3	FLOORBEAM			Y							Y		Y			NO PHOTO		FLOORBEAM 16 AT APPROX 5' FROM SPANDREL WALL D, ON E FACE OF FLOORBEAM, 1' SQ AREA OF EFFLORESCENCE, RUST STAINING AND RANDOM NARROW CRACKS.
M400	WEST APPROACH	FLOORBEAM	Y	Y	Y				Y	Y	Y	Y					D4-36	N	IN FLOORBEAM OVER COLUMN LINE 1 - SPALLS AT BEAM BEARINGS. ALSO, SPALLS, DELAMINATIONS, CRACKS, RUST STAINING, JOINT LEAKAGE AND EXPOSED BARS WITH SECTION LOSS IN FLOORBEAM
M400	WEST APPROACH	FLOORBEAM	Y	Y	Y				Y	Y	Y	Y					D4-37	N	IN FLOORBEAM OVER COLUMN LINE 1 - SPALLS AT BEAM BEARINGS. ALSO, SPALLS, DELAMINATIONS, CRACKS, RUST STAINING, JOINT LEAKAGE AND EXPOSED BARS WITH SECTION LOSS IN FLOORBEAM
M401	WEST APPROACH	FLOORBEAM	Y	Y					Y	Y	Y	Y					D4-38	N	SPALLING AND BARS WITH SECTION LOSS (ESTIMATED AT 1/8" DIA LOSS) ON BOTTOM OF FLOORBEAM AT COLUMN LINE 1, FULL WIDTH ON BOTTOM OF FLOORBEAM
M401	WEST APPROACH	FLOORBEAM	Y	Y					Y	Y	Y	Y					C4-48	UP	SPALLING AND BARS WITH SECTION LOSS (ESTIMATED AT 1/8" DIA LOSS) ON BOTTOM OF FLOORBEAM AT COLUMN LINE 1, FULL WIDTH ON BOTTOM OF FLOORBEAM
M402	WEST APPROACH	DECK SOFFIT	Y	Y	Y				Y	Y	Y	Y					C4-49	UP	TRANSVERSE CRACK, SPALLS AND EXPOSED BARS WITH SECTION LOSS INSIDE WEST APPROACH CHAMBER
M402	WEST APPROACH	DECK SOFFIT	Y	Y	Y				Y	Y	Y	Y					C4-51	UP	TRANSVERSE CRACK, SPALLS AND EXPOSED BARS WITH SECTION LOSS INSIDE WEST APPROACH CHAMBER
M403	WEST APPROACH	DECK SOFFIT	Y	Y	Y				Y	Y	Y	Y					C4-50	UP	TRANSVERSE CRACK, SPALLS AND EXPOSED BARS WITH SECTION LOSS INSIDE WEST APPROACH CHAMBER
M404	7	SPANDREL WALL - A	Y						Y	Y							D4-41	SE	SPALL AND EXPOSED BARS WITH APPROXIMATELY 50% SECTION LOSS IN PILASTER UNDER FLOORBEAM IN SPANDREL WALL A
M405	7	FLOORBEAM	Y						Y	Y							D4-42	SE	HALF THE LENGTH OF THE FLOORBEAM BTWN SPANDREL WALLS A & B
M406	PIER 4	BEAM	Y						Y	Y							M4-07	W	INTERIOR OF PIER 4, BEAM 1 BOTTOM FACE, HEAVY SPALLING WITH EXPOSED LONGITUDINAL REBAR. UP TO 1/4" THICKNESS REMAINING IN BAR
M406	PIER 4	BEAM	Y						Y	Y							M4-08	S	BEAM 1, N FACE, SEVERE LOSS TO BARS
M407	PIER 4	DECK SOFFIT	Y						Y	Y							M4-09	E	BTWN BEAMS 1 & 2, 3' X 3' SPALL WITH UP TO 100% LOSS TO BOTTOM BARS IN DECK SLAB.
M408	PIER 4	PIER WALL	Y	Y	Y				Y	Y		Y					M4-10	W	WIDE CRACK IN WEST WALL INTERIOR OF PIER 4 WITH LARGE ADJACENT DELAMINATIONS, SPALLS AND HEAVY EFFLORESCENCE
M409	PIER 6	BEAM	Y						Y	Y							M4-12	NW	LARGE SPALL ON UNDERSIDE OF BEAM 1. SHEAR STIRRUPS AND LONGITUDINAL BARS HAVE SEVERE LOSS TO 100%

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
M410	PIER 6	PIER WALL	Y	Y	Y											Y	M4-13	W	MULTIPLE WIDE DIAGONAL CRACKS WITH ADJACENT DELAMINATIONS, SPALLS IN WEST WALL
M411	PIER 6	DECK SOFFIT	Y							Y	Y						M4-15	SE	BTWM BEAM 1& 2, LARGE SPALL WITH MULTIPLE BARS WITH 100% SECTION LOSS
M412	4	TYPICAL PHOTO	Y	Y	Y					Y						Y	D4-20	S	WITH MANY DELAMINATIONS, SPALLS, AND EXPOSED BARS. ALSO, LONG VERTICAL CRACK ON PIER 4 SPANDREL PILASTER AT ARCH
NONE	PIER 2	PIER 2 INTERIOR															NO PHOTO		INTERIOR WALLS, PIER 2
NONE	3	ARCH RIB A															D1-33	W	NORTH FACE OF ARCH RIB A
NONE	3	ARCH RIB B															D1-02	W	SOUTH FACE OF ARCH RIB B
NONE	3	TYPICAL PHOTO															D1-03	E	BTWN ARCH RIB A & B
NONE	3	TYPICAL PHOTO															D1-04	W	BTWN ARCH RIB A & B
NONE	PIER 2	TYPICAL PHOTO															D4-03	W	LOOKING UP AT EAST FACE OF PIER 2
NONE	PIER 2	TYPICAL PHOTO															D4-04	W	LOOKING UP AT EAST FACE PIER 2
NONE	PIER 2	TYPICAL PHOTO															D4-05	W	CRACK REFERENCED IN NOTE E123. VERTICAL CRACK STARTS AT ARCH SPRING LINE ON EAST FACE PIER 2 AND EXTENDS TO THE GROUND
NONE	1	TYPICAL PHOTO															D4-06	N	OVERVIEW SPAN 1
NONE	EAST ABUTMENT	TYPICAL PHOTO															D4-07	E	EROSION AT EAST ABUTMENT
NONE	1	TYPICAL PHOTO															D4-08	E	GENERAL UNDERVIEW SPAN 1
NONE	1	TYPICAL PHOTO															D4-09	S	OVERVIEW SPAN 1
NONE	2	TYPICAL PHOTO															D4-10	W	GENERAL UNDERVIEW SPAN 2
NONE	2	TYPICAL PHOTO															D4-11	S	OVERVIEW SPAN 2
NONE	2	TYPICAL PHOTO															D4-12	N	OVERVIEW SPAN 2
NONE	3	TYPICAL PHOTO															D4-13	NW	GENERAL UNDERVIEW SPAN 3
NONE	3	TYPICAL PHOTO															D4-14	N	OVERVIEW SPAN 3
NONE	3	TYPICAL PHOTO															D4-15	S	OVERVIEW SPAN 3
NONE	4	TYPICAL PHOTO															D4-16	S	OVERVIEW SPAN 4
NONE	4	TYPICAL PHOTO															D4-17	W	GENERAL UNDERVIEW SPAN 4
NONE	4	TYPICAL PHOTO															D4-18	N	OVERVIEW SPAN 4
NONE	5	TYPICAL PHOTO															D4-21	S	OVERVIEW SPAN 5

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
NONE	5	TYPICAL PHOTO															D4-22	E	GENERAL UNDERVIEW SPAN 5
NONE	5	GENERAL NOTE															NO PHOTO		IN ARCH D OF SPAN 5, MANY AREAS OF DELAMINATIONS, SPALLS, AND EXPOSED BARS. PATCHED AREAS ARE ALSO FAILING.
NONE	5	TYPICAL PHOTO															D4-23	N	OVERVIEW SPAN 5
NONE	6	TYPICAL PHOTO															D4-24	N	OVERVIEW SPAN 6
NONE	6	TYPICAL PHOTO															D4-25	W	GENERAL UNDERVIEW SPAN 6
NONE	6	TYPICAL PHOTO															D4-26	S	OVERVIEW SPAN 6
NONE	7	TYPICAL PHOTO															D4-27	S	OVERVIEW SPAN 7
NONE	7	TYPICAL PHOTO															D4-28	SE	GENERAL UNDERVIEW SPAN 7
NONE	7	TYPICAL PHOTO															D4-30	N	OVERVIEW SPAN 7
NONE	PIER 4	GENERAL NOTE															M4-11	S	6" DIA HOLE THRU UPPER CHAMBER FLOOR SLAB AT S. FACE
NONE	PIER 6	DECK SOFFIT	Y							Y	Y						M4-14	SW	MULTIPLE SPALLS AND 100% SECTION LOSS IN BOTTOM REBAR IN DECK SOFFIT
NONE	WEST APPROACH	TYPICAL PHOTO															D4-39		INTERIOR OF WEST APPROACH
NONE	WEST APPROACH	TYPICAL PHOTO															D4-40		INTERIOR OF WEST APPROACH
NONE	EAST APPROACH	GENERAL NOTE															NO PHOTO		MUCH FORMWORK STILL IN PLACE IN APPROACH CHAMBER. DEBRIS AND TRASH IN CHAMBER. GENERALLY, CONCRETE CONDITIONS ARE CONSISTENT WITH THOSE FOUND IN SPAN 3
NONE	PIER 2	ACTION PHOTO															M3-18		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-19		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-20		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-21		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-22		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-23		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-26		ACTION SHOTS - PIER 2 RAPPEL

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
NONE	PIER 2	ACTION PHOTO															M3-27		ACTION SHOTS - PIER 2 RAPPEL
NONE	PIER 2	ACTION PHOTO															M3-28		ACTION SHOTS - PIER 2 RAPPEL
NONE	3	ARCH SOFFIT															C2-24	E	TYPICAL CONDITION OF ARCH SOFFIT, ARCH A-B
NONE	3	ARCH SOFFIT															C2-25	E	TYPICAL CONDITION OF ARCH SOFFIT
NONE	3	ARCH SOFFIT															C2-26	W	TYPICAL CONDITION OF ARCH SOFFIT
NONE		ACTION PHOTO															C2-51		
NONE		ACTION PHOTO															C3-15		SCENERY
NONE		ACTION PHOTO															C3-16		SCENERY
NONE	3	ARCH SOFFIT															C3-53	W	GENERAL CONDITION PHOTO
NONE	3	ARCH SOFFIT															C3-54	W	GENERAL CONDITION PHOTO, NORTH ARCH
NONE	3	ARCH SOFFIT															C3-55	E	GENERAL CONDITION PHOTO
NONE	3	ARCH SOFFIT															C3-56	E	GENERAL CONDITION PHOTO, NORTH ARCH
NONE		ACTION PHOTO															C3-64		
NONE		ACTION PHOTO															C3-65		
NONE		ACTION PHOTO															C3-66		
NONE	3	PIER 3 EXTERIOR															C3-96		E FACE BTWN SPANDREL ARCHES C&D
NONE	3	PIER 3 EXTERIOR															C3-97		E FACE BTWN SPANDREL ARCHES C&D
NONE	PIER 2	PIER 2 EXTERIOR															M3-32		LOOKING UP AT N FACE PIER 2 FROM GROUND
NONE	3	DECK SOFFIT															C1-11		TYPICAL FLOOR SYSTEM AT PIER 3 EXTERIOR EAST FACE BTWN ARCH RIBS A& B AND B&C
NONE	PIER 3	PIER 3 EXTERIOR							Y								C1-16		MAJOR SEEPAGE BTWN ARCH RIBS B & C ON EAST FACE OF PIER 3
NONE	PIER 3	TYPICAL PHOTO															C1-20		TYPICAL PIER 3 CONCRETE CONDITION, MINOR HONEYCOMBING
NONE		DECK SOFFIT															C1-27		TYPICAL FLOOR SYSTEM BETWEEN ARCH RIBS B & C, AT FLOOR BEAMS 27 & 28
NONE	3	SPANDREL ARCH - A		Y													C1-50		MULTIPLE DELAMINATIONS IN END OF SPANDREL ARCH A
NONE	PIER 2	UTILITY															D1-23	WSW	MULTIPLE UTILITIES AT PIER 2, BTWN. B8-B9.
NONE	3	ACTION PHOTO															M2-1		ACTION
NONE	3	ACTION PHOTO															M2-2		ACTION
NONE	3	ARCH FLOOR					Y										E2-4	E	MULTIPLE HONEYCOMBING PATCHES.
NONE	3	GENERAL NOTE															NO PHOTO		STEEL FORM TIES WITH RUST STAINING PREVALENT ON MOST ARCH RIBS & PIER FACES - ALSO SOME ORIGINAL FORM BOARDS REMAIN IN PLACE AT RANDOM LOCATIONS.

LATAH CREEK BRIDGE - FIELD NOTES																			
ID	S#	COMPONENT /LOCATION	SPALL	DELAMINATION	EFFLORESCENCE	PATCH	HONEYCOMB	SCALING	JOINT LEAKAGE	EXPOSED BAR	SECTION LOSS	RUST STAIN	HAIRLINE CRACK	NARROW CRACK	MEDIUM CRACK	WIDE CRACK	PHOTO(S)	PHOTO LOOKING	DESCRIPTION/COMMENT
NONE	3	TYPICAL PHOTO					Y										E2-10	W	TYPICAL OVERALL PHOTO ARCH FLOOR BTWN. ARCH RIBS A-B & FB 1-4. NOTE TYPICAL ROUGH/POOR FORMWORK/FINISHING AND MULTIPLE HONEYCOMBING PATCHES.
NONE	3	ACTION PHOTO															E2-13	W	HALF CELL TESTING ON SPANDREL WALL A, SPAN 3
NONE	3	TYPICAL PHOTO															E2-22	UP & NW	OVERALL SPAN 3
NONE	3+	TYPICAL PHOTO															E2-23	NW	OVERALL PIER 3 & BEYOND
NONE	4	TYPICAL PHOTO															E2-27	NW	TYPICAL OVERALL DECK & SIDEWALK BARRIERS - NOTE POURED MASTIC SEAL ALONG REFLECTIVE ASPHALT CRACKING AT DECK JOINT
NONE	-	TYPICAL PHOTO															E2-35	ESE	NORTH ELEVATION - OVERALL
NONE	3	TYPICAL PHOTO															E3-14	E	OVERALL - BTWN. ARCH RIBS C-D & FB 24-27
NONE	3	ACTION PHOTO															M3-9		HALF CELL TESTING & INSPECTION ON ARCH RIB C, SPAN 3
NONE	3	TYPICAL PHOTO					Y							Y			E3-21	E & UP	CRACKING, & STEEL FORM TIES LEFT IN PLACE
NONE	3	PIER 3 EXTERIOR															E3-24	SW	GENERAL OVERALL PHOTO
NONE	PIER 2	PIER 2 INTERIOR										Y					E3-28	UP/NORTH	TYP PHOTO BETWEEN ARCH RIBS B & C
NONE	PIER 2	PIER 2 INTERIOR															E3-31	SOUTH	TYP PHOTO LOOKING ACROSS ARCH RIBS A & B, NOTE OLD TIMBER SAFETY FENCE REMAINS ATOP A&B