HistoricBridges.org - National Bridge Inventory Data Sheet

The National Bridge Inventory contains data submitted by state transportion departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Info	ormation											41-27-16 =	082-09-37 = -
Ohio [39]	Ohio [39] Lorain County [093]			Lorain [44856] .5 MI. EAST OF		ST OF SR.)F SR.57		41.454444	82.160278			
4707443 Hig		Highway	agency	agency district 3		Owner State Highway A		Agency [01]		Maintenand	Maintenance responsibility		ency [01]
Route 611 SR 611						Toll On fre	ee road [3]		Features interse	ected BLACK RIV	/ER SHIP CHANNEL		
Design - main Steel [3] Design - approach 6 Truss - Thru [10] 0 Othe			Other [(Kilometerpoint 554 km = 343.5 mi Year built 1939 Year reconstructed 1989 Skew angle 0 Structure Flared Historical significance Bridge is eligible for the NRHP. [2]									
Total length 519.4 m = 1704.2 ft Length of maximum span 118.9 m = 390.1 ft Deck width, out-to-out 15.2 m = 49.9 ft Bridge re						9.9 ft Bridge roa		12.8 m = 42.0 ft 0 m = 0.0 ft					
Type of wearing surface Integral Concrete (sep				•	(separate non-modified layer of concrete added to structural deck) [2]								
Deck prote		aring surface	Epo	oxy Coated	Keinioro	ang [1]							
Weight Li	mits												
7.	Bypass, detour length 0.5 km = 0.3 mi Method to determine inventory rating Method to determine operating rating			rating	, , , , , , , , , , , , , , , , , , ,				ventory rating perating rating	32.4 metric ton 40.5 metric ton			
Bridge posting Equal to or above legal loads [5] Design Load MS 18+Mod / H:						S 18+Mod / HS 20)+Mod [6]						

Functional Details	
Average Daily Traffic 14310 Average daily tr	uck traffi 6 % Year 2011 Future average daily traffic 20320 Year 2033
Road classification Other Principal Arterial (Urban)	[14] Lanes on structure 4 Approach roadway width 13.4 m = 44.0 ft
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 2 - way traffic [2] Bridge median
Parallel structure designation No parallel structure	e exists. [N]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc 29.6 m = 97.1 ft	Navigation horizontal clearance 67.1 m = 220.2 ft
Minimum navigation vertical clearance, vertical lift brid	Minimum vertical clearance over bridge roadway 4.78 m = 15.7 ft
Minimum lateral underclearance reference feature Fe	ature not a highway or railroad [N]
Minimum lateral underclearance on right 0 = N/A	Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference feature Feature not a highway or railroad [N]
Appraisal ratings - underclearances N/A [N]	
Repair and Replacement Plans	
Type of work to be performed	Work done by
	Bridge improvement cost Roadway improvement cost
	Length of structure improvement Total project cost
	Year of improvement cost estimate
	Border bridge - state Border bridge - percent responsibility of other state
	Border bridge - structure number

Inspection and Sufficiency								
Structure status Open, no res	striction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]					
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Better than p	Better than present minimum criteria [7]				
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Basically into	igh priority of replacement [2]				
Condition ratings - deck	Satisfactory [6]	deck geometry						
Scour	Bridge foundations determi	dge foundations determined to be stable for assessed or calculated scour condition. [5]						
Channel and channel protection		lanks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not equired or are in a stable condition. [8]						
Appraisal ratings - water adequate	Better than present minimu	Better than present minimum criteria [7]			Functionally obsolete [2]			
Pier or abutment protection	None present but re-evalua	None present but re-evaluation suggested [5]			58.8			
Culverts Not applicable. Used	if structure is not a culvert. [N]							
Traffic safety features - railings								
Traffic safety features - transition	ns							
Traffic safety features - approach	n guardrail Inpected fe	Inpected feature meets currently acceptable standards. [1]						
Traffic safety features - approach	n guardrail ends Inpected fe	eature meets currently acce	eptable standards	s. [1]				
Inspection date October 201	2 [1012] Designated ins	pection frequency 12	Mont	iths				
Underwater inspection	Not needed [N]	Underwater inspe	ction date					
Fracture critical inspection	Every two years [Y24]	Fracture critical in	spection date	October 2012 [1	012]			
Other special inspection	Not needed [N]	Other special insp	ection date					

Unit of Measure: English Structure File Number 4707443 Sufficiency Rating: 58.8 fo			Bridge Inventory Information Inventory Bridge Number:LOR 00611 ON BLACK RIVER SHIP CHANN	0344		Report Date 12/12/2014 BM-191 Page: 1 of 2 BR. Type STEEL / TRUSS / THRU Date of Last Inventory Update: 12/30/2013			
District: 03 County LORAIN (2)FIPS Code: LORAIN (9) Direction of Traffic: 2-WAY TRAFFIC (10) Temporary: N (95) Insp: OHIO TRAN DEPT (96) Maint: OHIO TRAN DEPT (97) Routine: CITY/LOC			(100) Type Serv: (On): HIGHWAY/PEDESTRIAN			(102) Facility Carried: SR 611 (104) Route Under Bridge: NON-HIGHWAY (12)Parallel: N (Under): WATERWAY			
(3) Route On/Under: ON Route No.: 00611 Dir: (4) Feature Intersected: BLACK RIVER S	y Route Data Hwy Sys: STATE H Des: MAINLINE	Pref:	(63) Main Spans Number: 6 Approach Spans Number: 0 Total Spans: 6	Type: STEEL / TRUSS / TH Type: NONE / NONE / NON (65) Max Span: 390 Ft	E (6	66) Overall Leng: 1704 Ft			
 (5) County: LOR Mileage: 0344 (6) Avg. Daily Traffic(ADT): 14,310 (8) Truck Traf: 850 (14) NHS: YES - N (16) Functional Class: OTHER PRINCIPAL ART 	Special Desig: (7) ADT Year: 2011 I (15) Corridor: N		(70) Substructure Abut-Rear Matl: CONCRETE Abut-Fwd Matl: CONCRETE Pier-Pred Matl: CONCRETE Pier-Other Matl: CONCRETE	(71) Foundation and Scour Information Type: GRAVITY Type: GRAVITY Type: TOWER Type: CAPPED PILE BENT		nd: SPREAD FOOTING nd: SPREAD FOOTING nd: SPREAD FOOTING nd: CIP REINF CONCRETE PILES (12" DIAMETER)			
(22) Route On/Under: Route No.: Dir:	ed Route Data Hwy Sys: Des:		Pier-Other Matl: NONE No of Piers Predominate: 03 (86) Stream Velocity: UUU	Type: NONE Other: 02 (74) Scour: STABLE: SCOUR N		nd: UNKNOWN (OR OLDER BRIDGE BEING ADDED) ther: NN TS OF FOOT/PILE			
(23) Feature Intersected: (24) County: Mileage: (25) Avg. Daily Traffic(ADT): 0 (27) Truck Traf: 0 (28) NHS: -	Special Desig: (26) ADT Year: (29) Corridor:		(189) Dive: N Freq: 0 (189) Date of last Dive Insp: (156) Min. Horiz Under Clear:	Probe: Y Freq: 12 (152) Drainage Area: UUU S Clearance Un NC: 0.0 Ft	Sq Mi der the Bridge	75) Chan Prot: STONE ard: 0.0 Ft			
(154) Min Hriz on Bridge:	On the Bridge NC: 0.0 Ft	Strahnt: Not Applicable Card: 44.7 Ft	(77) Min Vert Under Clear: (78) Min Lat Under Clear:	15.7 Ft NC: 0.0 Ft NC: 0.0 / 0.0 Ft		ard: 15.7 Ft ard: 1.3 / 1.3 Ft			
(155) Prac Max Vert On Brg: (67) Min Vrt Clr On Brg: (80) Min Latl Clr: (81) Vrt Clr Lft:	15.7 Ft NC: 0.0 Ft NC: 0.0 / 0.0 Ft 0.0 Ft	Card: 0.0 / 0.0 Ft	Load Rating Inform (48) Design Load: HS/20-44 & ALTERNATE (83) Operating: 45 Ton Inventory: 36 Ton		(Including calcula	(88-89) Appraisal ated Items)			
(38) Bypass Length: 03 Miles (39) Latitude: 41 Deg 27.3 Min (40) Toll: ON FREE ROAD	Information Longitude: 82 Deg 9	0.6 Min	Ohio Percent of Legal Load 150 Year of Rating: 1989 (84) Analysis: ALLOWABLE STRESS OR V (85) Rate Soft: BARS Analyzed by:	WORKING STRESS	(88) Waterway A (89) Approach Al Calc Gen Apprais	ignment 7 sal: 5			
(41) Date Built: 07/01/1939 (43) No. Lanes On: 4 (44) Horiz Curve: Deg. Min.	(42) Major Rehabilitation: 01/01/1989 No. Lanes Under: 0 (45) Skew: 0 Deg					calc Deck Geometry: 2 calc Underclearance: N aformation			
(49) App. Rdw Width: 44 Ft (51) Deck Width: 49.8 Ft (52) Median Type: NONE / NON BARRIE	(50) Brg. Rdw Width Deck Area: 84917 S / NO JOINT	n: 41.9 Ft iq. Ft	(110) Approach Pavement: BITUMINOUS (111) Grade: Culvert Information (131) Culvert Type: NONE/NOT APPLICBLE (127) Length:						
(53) Bridge Median: NO MEDIAN (54) Sidewalks: (55) Type Curb or Sidewalks:	(left) 5 Ft	(right) 0 Ft	(129) Depth of Fill: 0.0 Ft (121) Main Member N/A (CULVERTS, TRU	General II	(130) Headwalls:				
(Left) Matl: OTHER (Right) Matl: OTHER (56) Flared: N (58) Railing: STEEL POST & STEEL PAN (59) Deck Drainage: DRN TROUGH UND (60) Deck Type: REINF CONCRT (PREST	R OPEN JNTS		(169) Expansion Joint: METAL FINGER (124) Bearing Devices: ROCKERS/NONE (126) Navigation: Control- Y (193) Spec Insp: N (188) Fracture Critical Insp: Y (138) Long Member: TWO TRUSSES (RIVE (141) Structural Steel Memb: UNKNOWN	Vert Clr: 97.0 Ft Freq: 0 Freq: 24		Horiz Clear:: 220.0 Ft Date: Date: 2012-10-31 (135) Hinges: PINS AND HANGERS (139) Framing: NONE			
(62) Wearing Surface: INTEGRAL CONC) 89	Pay Wt: 0 pounds Bridge Dedicated Name: LOFTON-HENDE F	Prime Loc: UNKNOWN RSON		Railing: UNKNOWN Paint: PAINT SYSTEM OZEU			

Unit of Measure: **English** Structure File Number **4707443** Sufficiency Rating: **58.8 fo**

Bridge Inventory Information Inventory Bridge Number:LOR 00611 0344 ON BLACK RIVER SHIP CHANNEL

Report Date 12/12/2014 BM-191 Page: 2 of 2 BR. Type STEEL/TRUSS/THRU

Date of Last Inventory Update: 12/30/2013

		General Information ((Continued)		Original Plans Information						
() Hist Significance: NC	N-REGISTER	ED HISTORIC BRIDG	Œ	(69) NBIS: Y	(142) Fabricator:						
() Hist Builder: AMERICAN BRIDGE CO Hist Build Year: 1939					(143) Contractor:						
(69) Hist Type: CANITLE	VER				(144) Ohio Original Constru	uction Project No.: COUNTY					
(161) Special Features (s	,				() Microfilm Reel: LOR02	0					
(105) Border Bridge State					(151) Standard Drawing:						
	Proposed	Improvements		Programming Info	Aperture Cards: Orig: Y Rep	pair: Y Fabr: Y					
(90) Type Work: -					Plan Information Available:	1PLAN INFORMATION AVA	AILABLE				
i l				PID Status: IA-OTHER		(153)	Repair Projects				
(90) Length: Ft				PID Date:	1. / 020	2. 870664 / 09 9) ;	3. 880805 / UUU			
(90) Bridge Cost (\$1000s	•				4. / MMM	5. / 020	(6. / 011			
(90) Roadway Cost (\$100	00s): 0				7. / 022	8. / 011	9	9.			
(90) Total Project Cost (\$,	(90) Y			10.						
(91) Future ADT (On Brid		(92) \	Year of Future ADT: 20								
Inspection Sun	nmary		(I-69) Survey Iter		-	Jtilities		Special Features			
(I-8) Deck:	6	Railings:		T CURRENT STANDARDS	, ,	Υ	(161) Lighting:	Υ			
(I-32) Superstructure:	5	Transitions:		T CURRENT STANDARDS		U	Fencing:	N			
(I-42) Substructure:	5	Guardrail:	1 MEETS CURREN		Sanitary Sewer:	U	Glare-Screen:	N			
(I-50) Culvert:		Rail Ends:	1 MEETS CURREN		Telephone:	U	Splash-Guard:	N			
(I-54) Channel:	8	In Depth:	1 MEETS CURREN		TV Cable:	U	Catwalks:	N			
(I-60) Approaches:	5	Fracture Critical:	1 MEETS CURREN	IT STANDARDS	Water:	U	Other-Feat:	U			
(I-66) General Appraisial:		Scour Critical:	N NONE N/A		Other:	U	(184) Signs-on:	Υ			
(I-66) Operational Status:	: A	Critical Findings:	N NONE N/A				Signs-Under:	N			
Inspection Date:	10/29/2013	Insp. Update Date:	11/08/2013				(162) Fence-Ht:	0.0 Ft			
(94) Desig Insp Freq:	12 Months						(163) Noise Barr:	N			
					1						
SFNs Replacing this retir	ed bridge:		-				•				
SFNs That where replace	ed by this bridg	ge:	-								
This bridge was retired a	nd copied to:										
The bridge was copied from	om:				INV Field Bridge Marker:		LOR-00611-0344 -				
					INT Field Bridge Marker:						

PONTIS CoRe elements and Condition States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5
29	STEEL DECK - CONCRETE FILLED GRID	1	EA	0	0	0	0	0
121	PAINTED STEEL BOTTOM CHORD THROUGH TRUSS	3408	LF	0	0	0	0	0
126	PAINTED STEEL THRU TRUSS(EXCL BOT CHORD)	3408	LF	0	0	0	0	0
215	REINFORCED CONC ABUTMENT	100	LF	0	0	0	0	0
303	ASSEMBLY JOINT/SEAL	100	LF	0	0	0	0	0
321	REINFORCED CONCRETE APPROACH SLAB	2	EA	0	0	0	0	0
330	METAL BRIDGE RAILING	3408	LF	0	0	0	0	0

STATE OF OHIO DEPARTMENT OF TRANSPORTATION **BRIDGE INSPECTION REPORT**

4 7 0 7 4 4 3

Bridge Number $\begin{array}{c|c} LOR & \underline{00611} & \underline{0344} \\ CO & ROUTE & UNIT \end{array}$

LORAIN

Date Built 07/01/1939 - 1989

District $\underline{\mathbf{03}}$ Bridge Type $\underline{\mathbf{STEEL/TRUSS/THRU}}$ Type Service 1 **55 BLACK RIVER SHIP CHANNEL** <u>LOR</u> DECK Out/Out 49.8 THCK = 1.0 1-REINF CONCRT (PRESTRSD 1. Floor 2. Wearing Surface 2-INTEGRAL CONCRETE (MON W.S. Date = 06/08/1989 2 0-OTHER 3. Curbs, Sidewalks, Walkways 4. Median 1 5. Railing 6-STEEL POST & STEEL PAN 10 6. Drainage 5-DRN TROUGH UNDR OPEN J 6 3 7. Expansion Joints 1-METAL FINGER 1 8. Summary MAX.SPAN=390 **SUPERSTRUCTURE** 1 9. Alignment 10. Beams/Girders/Slab N-N/A (CULVERTS, TRUSSES TOT.LGTH=1704 1 11. Diaphragms or Crossframes 12. Joists/Stringers 2 13. Floor Beams 14. Floor Beam Connections 2 15. Verticals 16. Diagonals 1 17. End Posts 18. Top Chord 19. Lower Chord 20. Lower Lateral Bracing 21. Top Lateral Bracing 22. Sway Bracing 2-ROCKERS 2 23. Portals N-NONE 24. Bearing Devices 25. Arch 26. Arch Columns or Hangers TYPE = 5-PAINT SYSTEM OZEU 28. Protective Coating System DATE = 07/01/198927. Spandrel Walls 2 29. Pins/Hangers/Hinges 30. Fatigue Prone Connections S 31. Live Load Response 32. Summary SUBSTRUCTURE 2-CONCRETE PIERS=5 SPANS = 6 2 33. Abutments 2-CONCRETE 24 34. Abutment Seats 35. Piers TYPE = 2-CONCRETE 25 36. Pier Seats ABUTMENT:=SPREAD / SPREAD 2 37. Backwalls 38. Wingwalls 1 40. Scour 5-STABLE: SCOUR WITHIN L 39. Fenders and Dolphins 41. Slope Protection F-PROBLEM 28 42. Summary DIVE DT=N/A **CULVERTS** 43. General 44. Alignment 45. Shape 46. Seams 47. Headwalls or Endwalls 48. Scour 50. Summary **CHANNEL** 2-STONE 51. Alignment 52. Protection 53. Waterway Adequacy 54. Summary **APPROACHES** 55. Pavement 2-BITUMINOUS 35 56. Approach Slabs 57. Guardrail 1-STEEL BEAM 36 58. Relief Joints 2 BRDG.WIDTH=41.9 37 59. Embankment 60. Summary PCT.LEGAL=150 ROUTINE.RESP: 4-CITY/LOCAL **GENERAL** 4 MAINT.RESP: 1-OHIO TRAN DEPT 61. Navigation Lights 62. Warning Signs MVC ON=15.7 UND=0000 ELEC/ 1 63. Sign Supports 65. Vertical Clearance 66. General Appraisal & Operational Status 67. INSPECTED BY 68. REVIEWED BY **DOT 2852 DECK AREA 84,917**

STATE OF OHIO DEPARTMENT OF TRANSPORTATION **BRIDGE INSPECTION REPORT**

7 0 7 4 4 3

Bridge Number <u>LOR</u> 00611 ROUTE

Date Built 07/01/1939 - 1989

BLACK RIVER SHIP CHANNEL

District $\underline{\mathbf{03}}$ Bridge Type $\underline{\mathbf{STEEL/TRUSS/THRU}}$ Type Service 1 <u>5</u> 5 1. MINOR SURFACE CORROSION ON BOTTOM OF STEEL GRID, SECTION Deck LOSS & HOLES IN PANSINEAR DECK JTS & CURBS. Deck 2. A FEW MINOR RANDOM SPALLS.CRACKS & SMALL DELAMINATIONS. Deck SPALLS CONCENTRATED @ JT.CASTINGS. Deck 3. SW BROKEN W/HOLE THROUGH @ FWD.ABUT.*SEE #7.SMALL SPALLS Deck Deck @ ACCESS HATCHES.PATTERN CRACKING OVER GRID THROUGHOUT. SEVERAL CRACKS EMINATING FROM TRUSS MEMBERS IN SIDEWALK. Deck SIDEWALK SUPPORT CLIP ANGLE @ L62W HAS A 9 5/8" CRACK Deck THROUGH THE 12" LONG ANGLE Deck 5.MISALIGMENTS OF TRAFFIC RAILS, SPINDLES ON SW RAIL ARE Deck CORRODED.L65-MISSING 2 SW RAIL BOLTS. BOLTS SHEARED AT Deck Deck 6. ALL DRAINS ARE OPEN.NEOPRENE SHEETING LOOSE OR MISSING IN Deck SOME LOCATIONS DRAINAGE CORRODING STEEL WORK BELOW NO PONDING Deck Deck ON DECK.SIDEWALK HAS MINOR PONDING @ BRIDGE APEX(PP40). 7. SIDEWLALK EXPAN.JT.HAS CLOSED @ NORTH ABUTMENT.SIDEWALK Deck IS SPALLED & CURB PLATE IS BENT FROM CRUSHING INTO BACKWALL. Deck Deck ROADWAY EXP. JT. AT NORTH ABUTMENT IS ALSO CLOSING DUE TO ABUTMENT MOVEMENT. Deck 12. MINOR CORROSION UNDER DECK JOINTS.PACK RUST BETWEEN Superstructure BOTTON FLANGE AND LOWER LATERAL BRACING Superstructure 13. OLD.INACTIVE MINOR PITTING ALONG BOTTOM FLANGE.OLD. Superstructure Superstructure INACTIVE, MODERATE PITTING ON WEBS @ FB ENDS. Superstructure 14. OLD.GENERALLY INACTIVE.MODERATE PITTING TO FLOORBEAM CONNECTION ANGLES @ TRUSS. Superstructure 15.16.17.18.& 19. ALL TRUSS MEMBERS: PACK RUST IS ACTIVE Superstructure ALONG THE CORNERS OF THE BUILT UP MEMBERS.PACK RUST OF 1/8" Superstructure Superstructure IS TYPICAL:3/4" MAXIMUM.OLD PITTING THROUGHOUT MEMBERS @ OR BELOW ROADWAY.WORST PITTING UP TO 3/16" DEEP IN SEVERAL Superstructure Superstructure LOCATIONS, *SEE REPORT FOR SPECIFICS. 20. PACK RUST ACTIVE BETWEEN SEVERAL GUSSETS & TRUSS MEMBERS Superstructure (1/8" TO 1/4" TYPICAL):OLD PITTING OF 1/16" TO 1/8" TYPICAL Superstructure Superstructure ALONG THESE SAME SEAMS, GUSSET PLATE BOWS(11/16" MAX LOWER CHORD;7/16" MAX UPPER CHORD BOW)MEASURED & DOCUMENTED IN Superstructure REPOERT APPENDIX. PER THE ODOT MANUAL OF BRIDGE INSPECTION Superstructure Superstructure ANY 1 GUSSET PLATE WITH A STRUCTURAL BOW OF 3/8" OR MORE SHALL BE RATED IN POOR CONDITION.AFTER DISCUSSION WITH Superstructure DISTRICT & CENTRAL OFFICE IT WAS DETERMINED THAT THIS WAS Superstructure Superstructure TOO CONSERVATIVE DUE TO THE LARGE SIZE OF THE GUSSET PLATES ON THIS BRIDGE.THE GUSSET PLATES ARE RATED IN FAIR CONDITION Superstructure DUE TO THE DEFICIENCIES LISTED ABOVE. Superstructure Superstructure 21. MINOR DETERIORATION ON LOWER BRACING BELOW DECK JOINTS. 23. MINORCOLLISION DAMAGE @ FWD.END. Superstructure 24. FUNCTIONING MINOR SURFACE CORROSION ON CASTINGS. Superstructure 28 PACK RUST & CORROSION REACTIVATING IN PLACES BELOW Superstructure ROADWAY, PAINT FAILING UNDER DECK JOINTS, PAINT ABOVE ROADWAY Superstructure IS GENERALLY IN GOOD CONDITION. Superstructure Superstructure 29. FUNCTIONAL 31. BRIDGE WILL SHAKE UNDER FULLY LOADED TRUCKS & BUSES. NO Superstructure UNUSUAL RESPONSES. Superstructure 33. SOUTH ABUTMENT-LONGITUDINAL CRACK IN BREASTWALL: Substructure Substructure INACTIVE VERTICAL CRACKS NEAR EAST TRUSS.NORTH ABUTMENT-RUST

Substructure ON SEATISFAT IS CLEAN 35. FEW RANDOM SPALLS THROUGHOUT.PIER 2 BUTTRESSES ARE MAP-Substructure Substructure CRACKED, W/DELAMINATIONS.

AND/OR ROTATING, SEE REPORT.

STAINS ON BREASTWALL.INDICATING THE ABUTMENT MAY BE MOVING

34. SOUTH ABUTMENT-INACTIVE CRACKS NEAR EAST TRUSS; SEAT IS

CLEAN NORTH ABUTMENT-DELAMINATION 13'OFF FAST SEISMIC BLOCK

Substructure

Substructure

Substructure

Substructure

Substructure 36. MINOR SPALLS ON PIER 3 EAST SEAT.

37. SOUTH ABUTMENT-INACTIVE CRACKS NEAR EAST TRUSS. NORTH Substructure ABUTMENT-SPALL & DELAMINATION BEHIND WEST TRUSS JOINT CLOSED Substructure

AND SIDEWALK CRUSHING INTO WEST END OF BACKWALL. Substructure

38. SOUTH ABUTMENT: EAST-SPALL @ SOUTH END; WEST-SPALLS AND Substructure CRACKS THROUGHOUT EXPOSED SURFACES. NORTH ABUTMENT:WEST-Substructure Substructure SPALLS @ SIDEWALK RAILING. Approaches 55. JOINTS BETWEEN BACKWALLS & APPROACH SLABS ARE BREAKING UP WITH DEEP SPALLS.SOUTH ASPHALT BEHIND APPROACH SLABS IS Approaches CRACKED & BREAKING UP(NOT PART OF RATING). Approaches Approaches 56. JTS.BETWEEN BACKWALLS & APPROACH SLABS ARE BREAKING-UP WITH DEEP SPALLLS. Approaches 57. BLOCKOUTS BEHIND NORTH APPROACH, WEST GUARDRAIL ARE Approaches Approaches DETERIORATING.GUARDRAIL AT NORTHWEST CORNER DESTROYED BY Approaches VECHICLE IMPACT. 59. NO SLOUGHING OF REBUILT NORTHWEST EMBANKMENT NEAR BRIDGE Approaches BRIDGE. INDICATIONS OF SLOPE MOVEMENT A FEW 100 FEET NORTH Approaches OF THE BRIDGE. SOUTHWEST EMBANKMENT IS STEEP, BUT MINIMAL Approaches Approaches FROSION. General 61. EAST TRUSS LIGHT ON CONTINOUSLY DURING THE DAYLIGHT. WEST TRUSS LIGHTS DID NOT FUNCTION EVEN WHEN PHOTO CELL WAS General General COVERED.LIGHT BULBS REPLACED DURING INSPECTION. 64. HANGERS BROKEN IN A FEW LOCATIONS LEAVING LINES RESTING General

General NOTE: PHOTO CELLS REPLACED BY D-03 CREWS AFTER INSPECTION

General DATE. (ALL LIGHTS ARE NOW WORKING.NOV. 2012)

General

General TIME WARNER ADDED SMALL CABLE. SECURED TO EXISTING CABLE

ON SWAY BRACING STEELWORK.