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Missouri Department of Transportation
State Bridge Inspection Report

June 28, 2017
10:57:41AM

COUNTY: COOPER DISTRICT: CD CLASS: STATBR FED-ID: 6689 BRIDGE: L0962

GENERAL STRUCTURE INFORMATION

ROUTE: IS70E # SPANS: 17
FEATURE: MISSOURI RIVER, KATY TR LANES ON: 4
STATUS: A-OPEN LANES UNDER: 0
LOG MILE: 114.303 COMPASS DIRECTION: WEST to EAST
DETOUR: 4.00 MILES DIRECTION OF TRAFFIC: 2-WAY TRAF
NHS: YES FUNCTIONAL CLASS: RL-INTERSTATE
BUILT: 1960 NBI OWNER: MODOT
REHAB: 1993 NBI MAINTAINED: MODOT
LOCATION: S 18 T 48 R 14 W MAINTENANCE DISTRICT: CD
LATITUDE: 38 57 30.63 (DMS) MAINTENANCE COUNTY: COOPER
LONGITUDE: 92 32 49.03 (DMS) SUB AREA: 7D06

PLACE CODE: 65306 SALINE
LENGTH: 3,018 FT 0 IN
MAXIMUM SPAN: 550 FT 11 IN
APPROACH ROADWAY: 66 FT 0 IN
CURB TO CURB: 60 FT 4 IN
OUT TO OUT: 63 FT 0 IN
AADT: 36931
AADT YEAR: 2016
AADT TRUCK: 23.9%
FUTURE AADT: 66476
FUTURE AADT YEAR: 2036

BRIDGE INSPECTION INFORMATION

DATE: 08/24/2015 RESPONSIBILITY:
FREQUENCY: 24 ~~8-28-17~~ CALCULATED INTERVAL**:
TEAM LEADER: Terry S. ELEMENT: YES
INSPECTOR 2: ~~CURT RICKERSON~~ INSPECTOR 4:
INSPECTOR 3: STEVE HULBERT ~~JEFF M. STEVE E.~~
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

GENERAL INSPECTION COMMENTS

FRACTURE CRITICAL INSPECTION INFORMATION

DATE: 08/24/2015 RESPONSIBILITY: CATEGORY: COMPREHENSIVE
FREQUENCY: 24 ~~TS~~ CALCULATED INTERVAL**:
TEAM LEADER: ~~SM~~ NBI: YES
INSPECTOR 2: STEVE HULBERT INSPECTOR 3: ~~CURT RICKERSON~~ METHOD: MANLIFT
INSPECTOR 4: ~~SE~~ ~~SH~~
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

INDEPTH INSPECTION INFORMATION

DATE: RESPONSIBILITY: CATEGORY:
FREQUENCY: CALCULATED INTERVAL**:
TEAM LEADER: INSPECTOR 3: NBI:
INSPECTOR 2: INSPECTOR 4: METHOD:
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

FRACTURE CRITICAL INSPECTION COMMENTS

(ZENTZA1, 09/12/2011)--INSPECTION TIME - 20 HRS

INDEPTH INSPECTION COMMENTS

SPECIAL INSPECTION INFORMATION

DATE: 09/17/2015 RESPONSIBILITY: CATEGORY: CHANNEL CROSS SEC
FREQUENCY: 24 CALCULATED INTERVAL**:
TEAM LEADER: NBI: NO
INSPECTOR 2: INSPECTOR 3: METHOD:
INSPECTOR 4:
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

UNDERWATER INSPECTION INFORMATION

DATE: 09/17/2015 RESPONSIBILITY: CATEGORY: WADE
FREQUENCY: 60 CALCULATED INTERVAL**:
TEAM LEADER: INSPECTOR 3: TERRY WILSON NBI: NO
INSPECTOR 2: CURT STEGEMAN INSPECTOR 4: JESSE ELSEMAN METHOD: PROBE
** When calculated interval exceeds the frequency, a justification comment per BIRM is required.

SPECIAL INSPECTION COMMENTS

UNDERWATER INSPECTION COMMENTS

(STEGEC, 09/28/2015)--MODOT DIVETEAM SHALLOW WADED THE BENTS IN APPROACH SPANS 3 THRU 10 IN 9-2015 - NO PROBLEMS FOUND

OTHER SPECIAL INSPECTIONS

DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD
09/06/2012	99	DAMAGE POST INCIDENT	NO			
09/22/2009	99	GUSSET PLATES	NO			SNOOPER
01/01/1	99	COUR ACTION PLAN	NO			

OTHER UNDERWATER INSPECTIONS

DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD
09/16/2015	60	DIVE	YES			



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STRUCTURE POSTING

APPROVED CATEGORY: S-1 NO POSTING REQUIRED
Ton 1: Ton 2: Ton 3:
COMMENTS:

FIELD CATEGORY: S-1 NO POSTING REQUIRED
Ton 1: Ton 2: Ton 3: PROBLEM: PROBLEM DIRECTION:
COMMENTS:

GENERAL COMMENTS/MAJOR RATED ITEMS

GENERAL COMMENTS: (BOWDEJ1, 05/27/2008)-(86'-105'-84'-105'-84'-105'-85'-218'-242'-220') CONT PL GDR - (550'-550') CONT THRU TRUSS - (126'-155'-126') CONT PL GDR SPANS (REPLDC 2013 OF 3538 BOLTS @ STRGS & FLRBM CONN 1995 S INSP)

- [ITEM 58] DECK: 6-SATISFACTORY CONDITION RATING: 09/27/2013 COMMENTS: (MUSSED, 09/27/2013)-DECK RTING RAISED TO 6. A 5 RATING IS NOT JUSTIFIED (OTTINM, 06/24/2014)-DECK HAS STEEL SIP FORMS IN GOOD CONDITION THROUGHOUT. FEW T-CRACKS VISUALLY SEEN ON TOP OF DRIVING SURFACE & UNDERSIDE OF OVERHANG THROUGHOUT. *Handwritten: 21" x 8" cracks throughout the main span deck*
- [ITEM 59] SUPER: 6-SATISFACTORY CONDITION RATING: 04/02/2002 COMMENTS: (EICHHR, 04/02/2002)-INITIAL SECTION LOSS ON FLBM BENT 7 AT BEARINGS. SOME ROCKERS ARE TIPPED. *Handwritten: minor to moderate section loss on the majority of the piers. gisset plates*
- [ITEM 60] SUB: 5-FAIR CONDITION RATING: 09/12/2011 COMMENTS: (EICHHR, 04/02/2002)-BENTS #2 / 12 BRG. SEAT REPD. ROCK PLACED TO FIX SCOUR ON PILE FTGS IN 96 (KOENID, 10/26/2015)-2015 UW DIVE INSPECTION OF RIVER PIERS RECOMMENDED A 6 RATING FOR THE PORTIONS BELOW THE WATER. *Handwritten: Heavy spalling and delamination along the piers at exp piers*
- [ITEM 61] BANK/CHANNEL: 4-SEVERE DAMAGE RATING: 05/18/2001 COMMENTS: (BOWDEJ1, 03/29/2005)-MAJOR DRIFT (KOENID, 11/10/2015)-2015 UW INSPECTION RATED THE CHANNEL AT A 5. BANK PROTECTION IS BEING ERODED, RIVER CONTROL DEVICES AND/OR EMBANKMENT HAVE MAJOR DAMAGE, TREES AND BRUSH RESTRICT THE CHANNEL. LEAVING IT AT THE PREVIOUS RATING OF 4 SINCE WE HAVE SEEN HABITUAL DRIFT ISSUES ON SOME OF THE PIERS OVER THE YEARS. *Handwritten: Piers*
- [ITEM 113] SCOUR: 3-SCOUR CRITICAL-UNSTABLE EVALUATION TYPE: RATING: 02/09/2004 COMMENTS: (FOSTEK, 02/01/2006)-ITEM 113 RATING = 3, DUE TO USGS EVALUATION, SCOUR CATEGORY CHANGED TO C DURING REVIEW. REPORT NOTED CONTRACTION SCOUR WITH PILE EXPOSURE. 100-YR FLOOD ELEV 14.7 FEET BELOW DECK ELEV AT BENT 2 AND 35.0 FEET BELOW DECK ELEV AT BENT 12. (KOENID, 10/26/2015)-2015 UW INSPECTION ASSESSED SCOUR AT A 5 RATING. SCOUR NOTED DURING THE INSPECTION WAS WITHIN THE LIMITS OF THE FOOTINGS FOR PIERS 14 AND 15.

[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV RATING: 05/18/2001 COMMENTS:

[ITEM 72] APPRRDWAY ALIGNMENT: 8-VERYGOOD RATING: 05/18/2001 COMMENTS:

RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS

[ITEM 36A] BRIDGE RAILING RATING: MEETS CURRENT STANDARDS-1		RATING: 05/18/2001	COMMENTS:
MATERIAL	CONSTRUCTION	DIRECTION	COMMENTS
REINFORCED CONCRETE	MEDIAN BARRIER CURB	BOTH	SEVERITY COMMENT
	CONDITION	LOCATION 1	MANY MANY
	TRANSVERSE CRACKS	THROUGHOUT	
	VERTICAL CRACKS	THROUGHOUT	
REINFORCED CONCRETE	SAFETY BARRIER CURB	BOTH	SEVERITY COMMENT
	CONDITION	LOCATION 1	MODERATE
	COLLISION DAMAGE	THROUGHOUT	

Handwritten: 21 "x 8" 168

[ITEM 36B] TRANSITION RAILING RATING: MEETS CURRENT STANDARDS-1 RATING: 05/18/2001 COMMENTS:

Handwritten: Twibeam to w beam

Handwritten: 5x8 9x8 = 72



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[ITEM 36C] APPROACH RAILING RATING: MEETS CURRENT STANDARDS-1

RATING: 05/18/2001

COMMENTS:

[ITEM 36D] RAIL END TREATMENT RATING: DOESNT MEET CURRNT STND-0

RATING: 11/16/2009

COMMENTS:

Real Transition

~~MATERIAL~~
~~GALVANIZED STEEL~~
~~GALVANIZED STEEL~~

~~CONSTRUCTION~~
~~BREKAWAY SYSTEM~~
~~BREKAWAY SYSTEM~~

~~DIRECTION~~
~~BOTH-EAST~~
~~BOTH-WEST~~

~~COMMENTS~~
Not provided

APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below.

MATERIAL	CONSTRUCTION	DIRECTION	CONDITION*	COMMENTS
REINFORCED CONCRETE	SLAB	BOTH		
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>
	DETERIORATION	DRIVING SURFACE		MODERATE

(EICHHR, 04/02/2002)--CRACKED

DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS

DECK PROTECTIVE COMPONENTS:

SERIES TYPE-#	COMPONENT	MATERIAL	CONSTRUCTION	THICKNESS	YEAR APPLIED	MANUFACTURE	OVERALL CONDITION
APPROACH SERIES-1	WEARING SURFACE	PLAIN CONCRETE	MONOLITHIC				
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
	DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED		2013	STAR MACRO	
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
	MEMBRANE	NOTAPPLICABLE	NONE				
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
APPROACH SERIES-2	DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED		2013	STAR MACRO	
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
APPROACH SERIES-3	DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED		2013	STAR MACRO	
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
APPROACH SERIES-4	DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED		2013	STAR MACRO	
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
MAIN SERIES-5	WEARING SURFACE	PLAIN CONCRETE	MONOLITHIC				
<u>COMMENT:</u>							
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
	DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED		2013	STAR MACRO	
<u>COMMENT:</u>							

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<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>
MEMBRANE	NOTAPPLICABLE	NONE		
<u>COMMENT:</u>				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>
APPROACH SERIES-6 DECK PROTECTION	LIQUID SEALANT	INTERNALLY SEALED	2013	STAR MACRO
<u>COMMENT:</u>				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>



DRAINAGE COMPONENTS:

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
DRAINAGE	GALVANIZED STEEL	FLOOR DRAIN		
DRAINAGE	STEEL	DRAIN TROUGH		

EXPANSION DEVICE COMPONENTS:

<u>SUB UNIT-#</u>	<u>SUB LABEL</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>THICKNESS</u>	<u>YEAR APPLIED</u>	<u>MANUFACTURE</u>	<u>OVERALL CONDITION</u>
BENT-4		OPEN EXPANSION JOINT	STEEL	FINGER PLATE				GOOD → Fair
<u>COMMENT:</u>								
BENT-7		OPEN EXPANSION JOINT	STEEL	FINGER PLATE				GOOD → Fair
<u>COMMENT:</u>								
BENT-10		OPEN EXPANSION JOINT	STEEL	FINGER PLATE				GOOD → Fair
<u>COMMENT:</u>								
PIER-13		OPEN EXPANSION JOINT	STEEL	FINGER PLATE				GOOD → Poor
<u>COMMENT:</u>								
PIER-14		CLOSED EXPANSION JOINT	SILICON	FILLED JOINT			XJS JOINT	FAIR
<u>COMMENT:</u>								
PIER-15		OPEN EXPANSION JOINT	STEEL	FINGER PLATE				GOOD → Fair
<u>COMMENT:</u>								
ABUTMENT-18		CLOSED EXPANSION JOINT	ELASTOMERIC	STRIP SEAL			XJS JOINT	FAIR ✓
<u>COMMENT:</u> (OTTINM, 06/24/2014) - ROCKER #1 - 3 OF 4 BOLTS MISSING IN SOLE PLATE CONN ✓ ROCKER #2 - ALL 4 BOLTS INTACT ✓ ROCKER #3 - 1 BOLT MISSING. ✓								

BANK/SLOPE PROTECTION COMPONENTS:

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
BANK PROTECTION	ROCK	RIP RAP		
BANK PROTECTION	ROCK	DEFLECTOR		

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DECK COMPONENTS

SPAN TYPE-#	COMPONENT	MATERIAL	CONSTRUCTION	COMMENTS		
APPROACH SPANS-1	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-2	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-3	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-4	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-5	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-6	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-7	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-8	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-9	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-10	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-11	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
APPROACH SPANS-12	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
TRANSVERSE CRACKS		RANDOM		FEW		
MAIN SPANS-13	DECK	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> ✓	<u>MEASUREMENT</u>	<u>COMMENT</u>
SCALING		RANDOM		LIGHT		
TRANSVERSE CRACKS		RANDOM		FEW		

Throughout 1 cracks many
Throughout 2 cracks few



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MAIN SPANS-14	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	SEVERITY	MEASUREMENT	COMMENT
<u>CONDITION</u> TRANSVERSE CRACKS		<u>LOCATION 1</u> RANDOM	<u>LOCATION 2</u>	<u>FEW</u>		
APPROACH SPANS-15	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	SEVERITY	MEASUREMENT	COMMENT
<u>CONDITION</u> SCALING TRANSVERSE CRACKS		<u>LOCATION 1</u> RANDOM RANDOM	<u>LOCATION 2</u>	LIGHT FEW		
APPROACH SPANS-16	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	SEVERITY	MEASUREMENT	COMMENT
<u>CONDITION</u> LONGITUDINAL CRACKS TRANSVERSE CRACKS		<u>LOCATION 1</u> THROUGHOUT RANDOM	<u>LOCATION 2</u>	FEW FEW		(OTTINM, 06/24/2014)--STAY IN PLACE FORMS DETERIORATING UNDERNEATH @ L-JTS.
APPROACH SPANS-17	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	SEVERITY	MEASUREMENT	COMMENT
<u>CONDITION</u> LONGITUDINAL CRACKS TRANSVERSE CRACKS		<u>LOCATION 1</u> THROUGHOUT RANDOM	<u>LOCATION 2</u>	FEW MANY		(OTTINM, 06/24/2014)--UNDERNEATH - STAY IN PLACE FORMS-RUSTING ON L-JOINT. DETERIORATING (WBL)

Throughout Cracks ~~Many~~
Throughout Cracks few

SUPERSTRUCTURE COMPONENTS

SERIES TYPE-#	SPAN TYPE	MATERIAL	CONSTRUCTION	LABEL	COMMENTS
APPROACH SERIES-1	CONTINUOUS SPAN	STEEL	PLATE GIRDERS		
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>	
APPROACH SPANS-1	NON-COMPOSITE	86 FT 9 IN	NO		
<u>CONDITION</u> RUSTING	<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	SEVERITY MINOR	MEASUREMENT	COMMENT
APPROACH SPANS-2	NON-COMPOSITE	105 FT 0 IN	NO		
<u>CONDITION</u> RUSTING	<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	SEVERITY MINOR	MEASUREMENT	COMMENT
APPROACH SPANS-3	NON-COMPOSITE	84 FT 1 IN	NO		
<u>CONDITION</u> RUSTING SECTION LOSS	<u>LOCATION 1</u> THROUGHOUT FLOOR BEAMS	<u>LOCATION 2</u>	SEVERITY MINOR MINOR	MEASUREMENT	COMMENT
					(BOWDEJ1, 03/20/2006)--12/20/05 - BOTT FLG
APPROACH SERIES-2	CONTINUOUS SPAN	STEEL	PLATE GIRDERS		
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>	
APPROACH SPANS-4	NON-COMPOSITE	84 FT 1 IN	NO		
<u>CONDITION</u> RUSTING	<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	SEVERITY MINOR	MEASUREMENT	COMMENT
APPROACH SPANS-5	NON-COMPOSITE	105 FT 0 IN	NO		
<u>CONDITION</u> RUSTING	<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	SEVERITY MINOR	MEASUREMENT	COMMENT
APPROACH SPANS-6	NON-COMPOSITE	84 FT 1 IN	NO		
<u>CONDITION</u> RUSTING	<u>LOCATION 1</u> THROUGHOUT	<u>LOCATION 2</u>	SEVERITY MINOR	MEASUREMENT	COMMENT
APPROACH SERIES-3	CONTINUOUS SPAN	STEEL	PLATE GIRDERS		
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>	
APPROACH SPANS-7	NON-COMPOSITE	84 FT 1 IN	NO		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	SEVERITY	MEASUREMENT	COMMENT

Top flng of girders
Top flng of girders
Top flng of girders
↓
↓

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RUSTING SECTION LOSS		THROUGHOUT FLOOR BEAMS		MINOR MODERATE		(BOWDEJ1, 03/20/2006)--12/20/05 - BOTT FLG	
APPROACH SPANS-8	NON-COMPOSITE	105 FT 0 IN	NO	SEVERITY	MEASUREMENT	COMMENT	
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	THRU TRUSS	COMMENTS		
RUSTING	NON-COMPOSITE	105 FT 0 IN	NO	MINOR			
APPROACH SPANS-9	NON-COMPOSITE	85 FT 1 IN	NO	MINOR			
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	THRU TRUSS	COMMENTS		
RUSTING	NON-COMPOSITE	85 FT 1 IN	NO	MINOR			
APPROACH SERIES-4	CONTINUOUS SPAN	STEEL	PLATE GIRDERS				
SPAN	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
APPROACH SPANS-10	NON-COMPOSITE	218 FT 4 IN	NO	MINOR			
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
RUSTING	NON-COMPOSITE	218 FT 4 IN	NO	MINOR			
APPROACH SPANS-11	NON-COMPOSITE	242 FT 6 IN	NO	MINOR			
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
RUSTING	NON-COMPOSITE	242 FT 6 IN	NO	MINOR			
APPROACH SPANS-12	NON-COMPOSITE	220 FT 1 IN	NO	MINOR			
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
RUSTING	NON-COMPOSITE	220 FT 1 IN	NO	MINOR			
MAIN SERIES-5	CONTINUOUS SPAN	STEEL	THRU TRUSS				
SPAN	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
MAIN SPANS-13	NON-COMPOSITE	550 FT 1 IN	NO	MODERATE			(RACKEM, 04/01/2008)--PAY CLOSE ATTENTION TO V-16 NORTH SIDE WBL.
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
PACK RUST	NON-COMPOSITE	550 FT 1 IN	NO	MODERATE			(MARTEP, 09/22/2009)--NUMEROUS DIAGONAL MEMBERS ON RIGHT SIDE OF TRUSS (ROADWAY FACE) HAVE VARYING DEGREES OF PACKRUST BETWEEN THE CHANNEL AND PLATE OF THE MEMBER. THIS IS CURLING THE PLATE UP ON THE END AND PUTTING SOME PRESSURE ON RIVETS. CONDITION IS IN THE SPLASH ZONE AREA (1/4" TO 5/8"). MORE NOTABLE AREAS INCLUDE: U3L4, L18U19, L10U11, L12U13, L16U17 -- 9/22/09 (MARTEP, 09/22/2009)--VERTICAL TRUSS MEMBERS ON RIGHT SIDE DISPLAY VARYING DEGREES OF PACK RUST. THIS IS MORE HEAVIER ALONG THE ROADWAY FACE OF THE MEMBER. PACK RUST IS BETWEEN THE CHANNEL AND PLATE MEMBER. IT IS CURLING UP THE EDGE OF THE PLATE AND PUTTING SOME PRESSURE ON RIVETS. MORE NOTABLE LOCATIONS INCLUDE: U4L4, U10L10, U12 L12, L20U20- 9/22/09
PACK RUST	VERTICAL BRACE			MODERATE			
RUSTING	THROUGHOUT			MINOR			
MAIN SPANS-14	NON-COMPOSITE	550 FT 8 IN	NO	MODERATE			(MARTEP, 09/22/2009)--NUMEROUS DIAGONAL MEMBERS ON RIGHT SIDE OF TRUSS (ROADWAY FACE) HAVE VARYING DEGREES OF PACKRUST BETWEEN THE CHANNEL AND PLATE OF THE MEMBER. THIS IS CURLING THE PLATE UP ON THE END AND PUTTING SOME PRESSURE ON RIVETS. CONDITION IS IN THE SPLASH ZONE AREA (1/4" TO 5/8"). MORE NOTABLE AREAS INCLUDE: L16U17, U3L4, U1L0' - 9/22/09 (OTTINM, 06/24/2014)--VERTICAL TRUSS MEMBERS ON RIGHT SIDE DISPLAY VARYING DEGREES OF PACK RUST. THIS IS MORE HEAVIER ALONG THE ROADWAY FACE OF THE MEMBER. PACK RUST IS BETWEEN THE CHANNEL AND PLATE MEMBER. IT IS CURLING UP THE EDGE OF THE PLATE AND PUTTING SOME PRESSURE ON RIVETS. RIVED PLATED CONNECTIONS IN LOWER CHORD BULGING DUE TO MED L- HEAVY PACK RUST IN BETWEEN MEMBERS IN THRU TRUSS SPANS. MORE NOTABLE LOCATIONS INCLUDE: U16L16, U11L11' - 9/22/09
CONDITION	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL	COMMENTS			
PACK RUST	NON-COMPOSITE	550 FT 8 IN	NO	MODERATE			
PACK RUST	VERTICAL BRACE			MODERATE			

See FCM log
For Details



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RUSTING THROUGHOUT MINOR ✓

APPROACH SERIES-6	CONTINUOUS SPAN	STEEL	PLATE GIRDERS
SPAN	COMPOSITE INDICATOR	LENGTH	WEATHERING STEEL
APPROACH SPANS-15	NON-COMPOSITE	126 FT 1 IN	NO
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>
RUSTING	THROUGHOUT		MINOR ✓
APPROACH SPANS-16	NON-COMPOSITE	155 FT 0 IN	NO
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>
RUSTING	THROUGHOUT		MINOR ✓
APPROACH SPANS-17	NON-COMPOSITE	126 FT 6 IN	NO
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>
RUSTING	THROUGHOUT		MINOR ✓

SUBSTRUCTURE COMPONENTS

SUBSTRUCTURE	SKEW	LENGTH	MATERIAL	CONSTRUCTION	LABEL	COMMENTS
ABUTMENT-1		62 FT 0 IN	REINFORCED CONCRETE	OPEN CONCRETE		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DETERIORATION	THROUGHOUT		MINOR ✓			(EICHHR, 04/02/2002)--ABUTMENT CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE	FEW ✓			Large area of Delam
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
VERTICAL CRACKS	RANDOM					
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
FLARED WINGS	REINFORCED CONCRETE	CAST-IN-PLACE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
FOOTING	REINFORCED CONCRETE	H-PILE	Good			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BACKWALL	REINFORCED CONCRETE	CAST-IN-PLACE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
EXPANSION BEARING	STEEL	ROCKER	Fair			Small area of Delam
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BENT-2	50 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN			(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 62 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER FOOTING AT BENT 2. EST PILE LENGTH 73 FEET. BOF ELEV 561.0 PG ELEV 602.84
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DETERIORATION	THROUGHOUT		MINOR ✓			(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE	Good			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	Fair			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
FOOTING	REINFORCED CONCRETE	H-PILE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
FIXED BEARING	STEEL	PEDESTAL(ROTATING)				



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<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3	50 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	<i>Good</i>	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 65 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER FOOTING AT BENT 3. EST PILE LENGTH 75 FEET. BOF ELEV 560.0 PG ELEV 604.61
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT	CAST-IN-PLACE	MINOR ✓		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			<i>few works and HCRs</i>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	<i>Fair</i>		
FOOTING	REINFORCED CONCRETE	H-PILE	<i>Fair</i>		<i>minor scaling @ waterline</i>
EXPANSION BEARING	STEEL	ROCKER			<i>tilted East</i>
BENT-4	50 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	<i>Good</i>	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 67 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER FOOTING AT BENT 4. EST PILE LENGTH 71 FEET. BOF ELEV 559.0 PG ELEV 606.04
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT	CAST-IN-PLACE	MINOR ✓		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			<i>Hy spalls rebar exposed with LSL. Both sides 90% remaining in exp rebar</i>
DELAMINATION	THROUGHOUT	CAST-IN-PLACE	SEVERE ✓	90 %	(WILSOT2, 04/05/2012)--2 FOOT FROM BEG AREAS
HORIZONTAL CRACKS	TOP	CAST-IN-PLACE	LARGE ✓		<i>braking</i>
LEACHING	THROUGHOUT	CAST-IN-PLACE	MODERATE ✓		
MAP CRACKS	THROUGHOUT	CAST-IN-PLACE	LARGE ✓		
SEALED	BEAM CAP	ASPHALTICBASE			(RACKEM, 04/01/2008)--THIN & PEELING.
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	<i>Failing</i>		
VERTICAL CRACKS	RANDOM	CAST-IN-PLACE			
FOOTING	REINFORCED CONCRETE	H-PILE	<i>Few</i>		
EXPANSION BEARING	STEEL	ROCKER	<i>Thorny</i>		
BENT-5	50 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	<i>Poor</i>	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 69 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER FOOTING AT BENT 5. EST PILE LENGTH 71 FEET. BOF ELEV 558.0 PG ELEV 607.48
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT	CAST-IN-PLACE	MINOR ✓		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING ✓
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			<i>Hy pack rust pumping rust minor section loss</i>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	<i>Good</i>		
FOOTING	REINFORCED CONCRETE	H-PILE	<i>Fair</i>		<i>light scaling</i>



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FIXED BEARING	STEEL	PEDESTAL(ROTATING)			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
			Good		
BENT-6	50 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 72 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 6. EST PILE LENGTH 71 FEET. BOF ELEV 557.0 PG ELEV 609.25		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING H-V
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	Fair		Minor V cracks and scaling
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	H-PILE	Fair		like scaling
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	ROCKER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
			Good		
BENT-7	50 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 74 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 7. EST PILE LENGTH 71 FEET. BOF ELEV 556.0 PG ELEV 610.68		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	THROUGHOUT		SEVERE	90 %	Hvy deep spalls with Hvy sat. Entire top of cap has Hvy delom Both sides
HORIZONTAL CRACKS	TOP		MANY		
LEACHING	THROUGHOUT		MODERATE		
MAP CRACKS	THROUGHOUT		MANY		
SEALED	BEAM CAP		ASPHALTICBASE		(RACKEM, 04/01/2008)--THIN & PEELING
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	Few		Large area of delom and EAF map cracks open V-Cracks are 100%
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
VERTICAL CRACKS	RANDOM				
FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	ROCKER			4 are fair 2 Hvy pack rust minor sh.
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-8	50 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN	(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 76 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 8. EST PILE LENGTH 70 FEET. BOF ELEV 556.0 PG ELEV 612.12		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			minor scaling



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FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	PEDESTAL(ROTATING)			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	HANGER PLATE	MODERATE		(RACKEM, 02/05/2008)--BULGING.
RACK RUST	THROUGHOUT				
BENT-9 50 FT 0 IN REINFORCED CONCRETE MULTIPLE COLUMN					
(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 78 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 9. EST PILE LENGTH 69 FEET. BOF ELEV 555.0 PG ELEV 613.28					
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	ROCKER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
			GOOD		
BENT-10 52 FT 0 IN REINFORCED CONCRETE MULTIPLE COLUMN					
(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 85 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 10. EST PILE LENGTH 65 FEET. BOF ELEV 558.0 PG ELEV 615.34					
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	THROUGHOUT		SEVERE	95 %	(WILSOT2, 04/05/2012)--1 AREA AROUND BRGS IS SOUND
LEACHING	THROUGHOUT		MINOR		
MAP CRACKS	THROUGHOUT		MANY		
REBAR EXPOSED	THROUGHOUT		MINOR		
SEALED	BEAM CAP		MODERATE		
					ASPHALTICBASE (RACKEM, 04/01/2008)--THIN & PEELING.
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	THROUGHOUT		SEVERE	90 %	(WILSOT2, 04/05/2012)--NW COLUMN 90% DELAMN 58% ON SW
VERTICAL CRACKS	THROUGHOUT		FEW		
			MANY		
FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	PEDESTAL(ROTATING)			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-11 52 FT 0 IN REINFORCED CONCRETE MULTIPLE COLUMN					
(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 100 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER 1 FOOTING AT BENT 11. EST PILE LENGTH 55 FEET. BOF ELEV 539.0 PG ELEV 619.03					
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>

*Fine H-cracks and fine V-cracks
minor spalls and delam
Light scaling minor delam on
column!*

TOP EAST FACE: WEST FACE

MAP VERTICAL CRACKS RANDOM THEN OUT

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DETERIORATION	THROUGHOUT	CONSTRUCTION	MINOR	(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING	
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			FEW MAP CRKS w/ minor SAT
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			COLD BULLET HOLE w/ SM. SPALLS ON E. SIDE
FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
FIXED BEARING	STEEL	PEDESTAL(ROTATING)			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			MINOR RUSTING @ BASE
GOOD					
BENT-12	52 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN		(FOSTEK, 02/01/2006)--SCOUR DEPTH OF CONCERN 111 FEET FROM DECK ELEV FOR 20 FEET PILE EXPOSURE UNDER FOOTING AT BENT 12. EST PILE LENGTH 47 FEET. BOF ELEV 532.0 PG ELEV 623.13	
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	THROUGHOUT		MINOR ✓		(EICHHR, 04/02/2002)--COLUMNS AND CAPS HAVE MINOR CRACKING ✓
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
HORIZONTAL CRACKS	TOP		FINE ✓		
MAP CRACKS	THROUGHOUT		FEW ✓		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
FOOTING	REINFORCED CONCRETE	H-PILE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
EXPANSION BEARING	STEEL	ROCKER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
FIXED ROCKER					MINOR RUSTING
GOOD					
PIER-13	76 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN		(FOSTEK, 02/01/2006)--ELEV. TOP OF CAP = 612.33 FOOTING INTO ROCK. BOF ELEV = 490.0 PG ELEV = 626.86	
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	BEAM CAP		MINOR ✓		(EICHHR, 04/02/2002)--COLUMNS CRACKING ✓
DETERIORATION	COLUMN		MINOR ✓		(EICHHR, 04/02/2002)--FINE CRACKS THRU CAP SEAL ✓
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
DELAMINATION	THROUGHOUT		MODERATE ✓		(WILSOT2, 04/05/2012)--EAST SIDE WITH 5' X5" DELAMN MINOR SAT. EFF
HORIZONTAL CRACKS	TOP		MANY ✓		(OTTINM, 06/24/2014)--WEST SIDE 90%
LEACHING	THROUGHOUT		MINOR ✓		
MAP CRACKS	THROUGHOUT		MANY ✓		(OTTINM, 06/24/2014)--WEST SIDE 90%
VERTICAL CRACKS	RANDOM		FINE ✓		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
FOOTING	REINFORCED CONCRETE	SPREAD			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
COLLISION WALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>			
ROCKER					MED. PK. RUST
EXPANSION BEARING	STEEL	ROCKER			
FAIR					

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COUNTY: COOPER DISTRICT: CD CLASS: STATBR FED-ID: 6689 BRIDGE: L0962

CONDITION	LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
PIER-14	90 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	(FOSTEK, 02/01/2006)--ELEV. TOP OF CAP = 622.59	FOOTING INTO ROCK. BOF ELEV=498.0 PG ELEV=636.17
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	COLUMN		MINOR		(EICHHR, 04/02/2002)--COLUMNS CRACKING
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
HORIZONTAL CRACKS	RANDOM		FEW		
VERTICAL CRACKS	RANDOM		FINE		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	SPREAD			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLLISION WALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	PEDESTAL(ROTATING)			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PIER-15	76 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	(OTTINM, 06/24/2014)--ELEV. TOP OF CAP = 633.06	FOOTING INTO ROCK. BOF ELEV=519.0 PG ELEV=645.48. BOTH - SPALLS THROUGHOUT S. COLUMN - MOST DELAM & MAP CRACKS.
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	BEAM CAP		MINOR		(EICHHR, 04/02/2002)--COLUMNS CRACKING
DETERIORATION	COLUMN		MINOR		(EICHHR, 04/02/2002)--FINE CRACKS THRU CAP SEAL
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	THROUGHOUT		MODERATE		(WILSOT2, 04/05/2012)--SW SIDE MODERATE DELAMN
MAP CRACKS	THROUGHOUT		MEDIUM		with open map crks Heavy EFF spalling
REBAR EXPOSED	THROUGHOUT		MODERATE		
SPALLS	THROUGHOUT		LARGE		
VERTICAL CRACKS	RANDOM		FINE		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	AT COLUMNS		MEDIUM		(WILSOT2, 04/05/2012)--SW COLUMN DELAMN
VERTICAL CRACKS	RANDOM		FEW		mod, spalling
FOOTING	REINFORCED CONCRETE	SPREAD			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
REBAR EXPOSED	THROUGHOUT		MODERATE		
SPALLS	THROUGHOUT		LARGE		(RACKEM, 04/01/2008)--LEACHING.
COLLISION WALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	ROCKER			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
			Fair		Tilted east on west side
BENT-16	50 FT 0 IN	REINFORCED CONCRETE	MULTIPLE COLUMN	(FOSTEK, 02/01/2006)--ELEV. TOP OF CAP = 635.52	FOOTING INTO ROCK. BOF ELEV=535.0 PG ELEV=647.62

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3 on east side is tilted west maxed out but in fair condition
Step cap has large areas of delam and large spalls rebar exposed 60% remaining on top of rebar



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<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
MAP CRACKS	THROUGHOUT		FEW ✓		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	SPREAD	Good		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLLISION WALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	ROCKER ✓	Fair		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-17	50 FT 0 IN REINFORCED CONCRETE	MULTIPLE COLUMN			(FOSTEK, 02/01/2006)--BOF ELEV=554.0 FOOTING INTO ROCK. BOF ELEV=554.0 PG ELEV=650.24
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE	Fair		Fine H-cracks
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	SPREAD	Good		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
COLLISION WALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING	STEEL	PEDESTAL(ROTATING)	Good		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-18	50 FT 9 IN REINFORCED CONCRETE	NON-INTEGRAL			(FOSTEK, 02/01/2006)--FOOTING INTO ROCK. BOF ELEV=641.0 PG ELEV=652.38
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	BACKWALL		MINOR ✓		(OTTINM, 06/24/2014)--FAIR - BACKWALL CR - SEALED, SEAL PEELING. SEAL IN BACKWALL WEARING THIN.
<u>ASSOCIATED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DETERIORATION	ENDS		MINOR ✓		
HORIZONTAL CRACKS	ENDS		FEW ✓		
SPALLS	ENDS		MINOR ✓		
FLARED WINGS	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL	REINFORCED CONCRETE	CAST-IN-PLACE	Foot		under mined
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
VERTICAL CRACKS	RANDOM ✓		FEW ✓		
EXPANSION BEARING	STEEL	ROCKER ✓			



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BRIDGE: L0962

<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
OTHER	THROUGHOUT		NOT APPLICABLE		(RACKEM, 04/01/2008)--EAST ABUT 18 ALL 3 ROCKERS SOLE PLATE WEBS ARE CRACKED. NO CHANGE SINCE 05/14/2003.

OVER/UNDER ROUTES CLEARANCE INFORMATION

CLEARANCES OVER DECK

**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>
CONVERTED	19 FT 11 IN			
ACTUAL	19 FT 7 IN	EAST		
ACTUAL	19 FT 0 IN	WEST		

CLEARANCES UNDER BRIDGE

**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<u>RECORD #</u>	<u>ROUTE</u>	<u># LANES</u>	<u>DIRECTION OF TRAFFIC</u>	<u>RIGHT LATERAL CLEARANCE</u>	<u>LEFT LATERAL CLEARANCE</u>	<u>UR-ID</u>
<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>		

STRUCTURE PAINT INFORMATION

CONDITION:	FAIR	RUST AMOUNT : 8=1% OF SURFACE RUSTED	STEEL TONS : 5,936
<u>ORIGINAL PAINT</u>	<u>CONTRACT REPAINT</u>	<u>DEPARTMENT REPAINT</u>	
PAINT TYPE : C SYSTEM NAME : INORGANIC ZINC/VINYL PAINT COLOR : ALUMINUM PAINT YEAR : 1994 MILS : 6	PAINT TYPE : NAME : PAINT COLOR : PAINT YEAR : MILS :	PAINT TYPE : NAME : PAINT COLOR : PAINT YEAR : MILS :	MANUFACTURE : SURFACE PREP :

REQUESTED WORK ITEMS

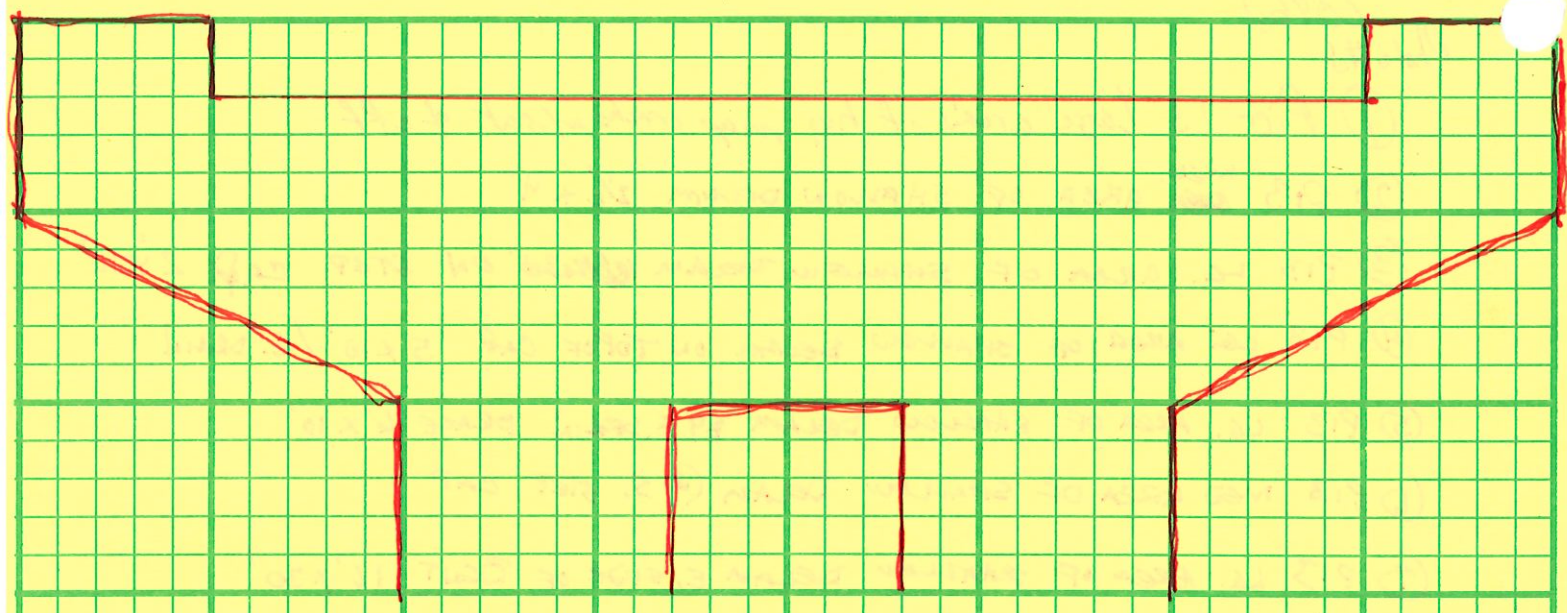
GENERAL WORK COMMENTS: (OTTINM, 06/24/2014)--CLEAN & SELA ABUTMENT CAP. REPAIR BEAM CAPS @ JOINTS, BENT 4, 7, 10, 13, 15, & 18.

<u>RESPONSIBILITY</u>	<u>LOCATION</u>	<u>ITEM</u>	<u>CATEGORY</u>	<u>PRIORITY</u>	<u>DATE</u>	<u>WORK ITEM COMMENT</u>
DISTRICT ROUTINE	STREAM CHANNEL	REMOVE DRIFT	CHANNEL	2	10/02/2001	
DISTRICT ROUTINE	BENT-CAPS	CLEAN AND SEAL	SUBSTRUCTURE	2	10/12/2005	(RACKEM, 04/01/2008)--ALL BENTS WITH FINGERS.
DISTRICT SPECIAL	BENT-CAPS	REPAIR BEAM CAP	SUBSTRUCTURE	3	09/23/2013	(MUSSED, 10/11/2013)--REPAIR BEAMCAPS AT PIERS 4, 7, 10, 13, 15 & 18, SEAL CAPS
DISTRICT SPECIAL	ROADWAY SURFACE	SEAL DECK WITH STAR MACRO	DECK	2	07/18/2016	

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Photo #s

- ① Pier 13 Large areas of hwy map cracks w/sat & eff
- ② P13 ~~med.~~ ^{med.} AREA OF SHALLOW DELAM 2'x4'
- ③ P13 LG. AREA OF SHALLOW DELAM ~~16'x30'~~ ON STEP CAP 2'x10'
- ④ P13 LG. AREA OF SHALLOW DELAM ON TOP OF CAP 5'x10' / N. DRAIN
- ⑤ P13 LG. AREA OF SHALLOW DELAM BY S. DRAIN BRACE 6'x10'
- ⑥ P13 MED AREA OF SHALLOW DELAM @ S. STEP CAP
- ⑦ P13 LG. AREA OF SHALLOW DELAM E. SIDE OF BENT 16'x30'
- ⑧ P13 N. SIDE CAP EDGE LG. AREA OF MAP CRKS. w/SAT. & EFF
- ⑨ P13 W. SIDE 1'x3' SPALL REBAR EXPOSED w/DELAM MIN. S.L. IN REBAR
90% REMAINING
- ⑩ P13 W. SIDE LG. AREA OF SHALLOW DELAM 16'x30' ON CAP FACE w/SAT. & EFF
- ⑪ P13 COL 1 W. SIDE LG. HWY. DELAM
- ⑫ pier 13 west face cap w/ server delam w/ hwy map
crking sat. & eff
- ⑬ pier 13 col. 2 ~~west~~ face west side w/ server delam
hwy map crking & Large area of deep ~~spalling~~ spalling w/
rebar exp.
- ⑭ pier 13 east side cap face w/ hwy delam hwy map
crking w/ eff & sat.
- ⑮ pier 13 east side col. 2 face all delamed server w/
hwy map crking & sat.



SP.106

DATE _____

DESIGN

SHT. _____ of _____

RTE. _____

CO. _____

LOC. _____

AUTHOR _____

JOB NO. _____

SUBJECT _____

CHK. _____

Bent 9

(32) 2 medium debm spalls rebar exposed on cap face

Bent 7

④

Bent 7

8-~~28~~-17
29

(33) Beam cap Face East side with hvy spalls ~~to 5~~
with rebar exposed s.l. in rebar 40% remaining
spalls just in behind first layer of rebar

(34) 2'x8' north ~~end~~ end of East cap face ~~delam~~
Hvy delam, open cracks

(35) East side the entire cap face with hvy delam and
spalls with rebar exposed

(36) 7'x7' area of Hvy delam on Column | East side

(37) ~~F.B. West~~ F.B. west side between GROR and 2
Hvy pack rust on bottom flange and power web
with moderate S.L. with loadings

38
39

44
45

(46) West side Cap face and column
Large Hvy Spalling and Delam rebar exposed
40% remaining

8-30-17

(61) West side cap face hvy delam open mapcrhs & lrg spalling
rebar exp 70% remaining in exp rebar

(62) E side cap face hvy delam open mapcrhs & lrg spalling
rebar exp 40% remaining in exp rebar

(63) Column 2 E side 4'x4' med delam

Bridge Maintenance

Bridge _____ County _____ Route _____ Name _____

Subject / Location _____ Date _____

Dent 4 8-29-17

(48) East Cap face and Columns Hwy Delom and
Hvy Spalling with rebar exposed with S.L. 40%
remaining

(51) West cap face Hvy Spalling and Delam
with rebar exposed and S.L. 40% remaining
with Hvy EFP

8-30-17

(58) West cap face large hvy spalling rebar exp hvy delam open
map cracks at col & rest stays 80% remaining in exp rebar

(60) Eastside cap face large hvy delam open map cracks
large spalls rebar exp 60% remaining in exp rebar
& column 2 Eastside 4'x4' area of hvy delam