

BIN: 000548 1 REC STR NUM: 0 AL0117 25 0004.979 00

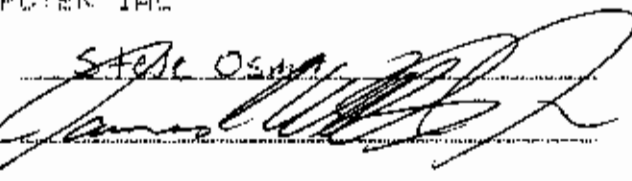
CURRENT NEW

15.	EROSION OR FOUNDATION EXPOSURE NONE LITTLE SOME MUCH 0 1 2 3	0	0
16.	STREAM PROFILE/CROSS-SECTION RECORDED KNOWN UNKNOWN 0 1 2	0	0
17.	IS THERE A CONFLUENCE UPSTREAM OR DOWNSTREAM NO YES 0 1	0	0
18.	IS THERE A CONTROL STRUCTURE (DAM) UPSTREAM OR DOWNSTREAM NO YES 0 1	1	1
19.	STREAM BED BORINGS TAKEN NONE 0 1	1	1
20.	NORMAL STREAM FLOW NONE RELIEF STATIC PERIODIC LIVEWATER 0 1 2 3 4	4	4
21.	OBSERVED STREAM FLOW RELIEF MAIN CHANNEL 0 1	1	1
22.	KNOWN OR OBSERVED HIGH WATER ELEVATION (MARK) YES UNKNOWN NO 0 1 2	1	1
23.	STREAM MEANDER WITHIN FLOODPLAIN NONE SOME 0 1	1	1
24.	BANK EROSION NONE SOME MUCH 0 1 2	1	1
25.	STABLE VEGETATION ON STREAM BANKS YES NO 0 1	0	0
26.	DREDGING OPERATIONS OBSERVED NEARBY NO YES 0 1	0	0
27.	VERTICAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	0
28.	HORIZONTAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	0
29.	ADDITION BY OBSERVER FOR	0	0

TOTAL SCOUR POTENTIAL

29

COMPLETED BY



DATE: 12/16/02

REVIEWED BY



DATE: 12/18/02

S C R E E N 3

***** SERVICE *****		CURRENT	NEW
42)	TYPE OF SERVICE		
	A) ON	1	-
	B) UNDER	5	-
28)	NUMBER OF LANES		
	A) ON	02	---
	B) UNDER	00	---
29)	AADT	003140	-----
109)	AVERAGE DAILY TRUCK TRAFFIC	08	-----
30)	YEAR OF AADT	2000	-----
19)	DETOUR LENGTH	006 MI	----- MI

***** NAVIGATIONAL DATA *****		CURRENT	NEW
38)	NAVIGATIONAL CONTROL	0	-
111)	PIER PROTECTION	N	-
39)	NAVIGATION VERT CLEARANCE	0.0 FT	____ FT
116)	MIN NAV VERT CLEAR VERT-LIFT-BRIDGE	0.0 FT	____ FT
40)	NAVIGATION HORIZONTAL CLEARANCE	0.0 FT	____ FT

S C R E E N 4

***** INSPECTION DATA *****		CURRENT	NEW
90)	ROUTINE INSPECTION DATE	12 2000	XXXXXXXX
217)	INTERIM INSPECTION DATE	?? ????	XXXXXXXX
91)	INSPECTION FREQUENCY	24	---
92)	CRITICAL FEATURE INSPECTION		
	A) FRACTURE CRITICAL DETAIL	Y 24	---
	B) UNDERWATER INSPECTION	N 00	---
	C) OTHER SPECIAL INSPECTION	N 00	---
	D) SPECIAL INSPECTION TYPE	0 0 0 0	-----
93)	CRITICAL FEATURE INSPECTION DATE		
	A) FRACTURE CRITICAL DETAIL (MO/YR)	12 2000	-----
	B) UNDERWATER INSPECTION (MO/YR)	00 0000	-----
	C) SPECIAL INSPECTION (MO/YR)	00 0000	-----
218)	TOTAL HOURS FOR UNDERWATER INSPECTION	0000	-----
219)	SNOOPER INSPECTION REQUIRED/FREQUENCY	N 00	---
220)	LAST SNOOPER INSPECTION DATE (MO/CYR)	00 0000	-----
221)	TOTAL HOURS FOR SNOOPER INSPECTION	0000	-----
222)	SPECIAL EQUIPMENT USED	0	-----
223)	TOTAL HOURS OF LAST INSPECTION	0004	----- <u>4</u>
224)	SCOUR INSPECTION FREQUENCY	Y ?? ?	---
	SCOUR INSPECTION DATE (MO/YR)	?? ????	<u>12 2002</u>
225)	SCOUR ACTION REQUIRED		
	A) COUNTERMEASURES PLANNED	? ?? ????	-----
	B) COUNTERMEASURES COMPLETED	?? ????	-----

S C R E E N 5A

***** GEOMETRIC DATA *****

	CURRENT	NEW
49) STRUCTURE LENGTH	127.0 FT	_____ FT
48) LENGTH OF MAX SPAN	100.1 FT	_____ FT
226) SUPERSTRUCTURE CENTERLINE LENGTH		
A) STEEL	0.0 FT	_____ FT
B) CONCRETE	127.0 FT	_____ FT
C) TIMBER	0.0 FT	_____ FT
50) CURB OR SIDEWALK		
A) LEFT	0.69 FT	_____ FT
B) RIGHT	0.69 FT	_____ FT
32) APPR. RDWAY WIDTH	24.0 FT	_____ FT
227) APPROACH TRAVELWAY WIDTH	20.0 FT	_____ FT
51) BRIDGE ROADWAY WIDTH CURB TO CURB	20.0 FT	_____ FT
52) DECK WIDTH OUT TO OUT	23.6 FT	_____ FT
228) DECK THICKNESS	.000	_____
229) OVERLAY THICKNESS	.000	_____
33) BRIDGE MEDIAN	0	_____
34) SKEW	0 D	_____ D

S C R E E N 5B

***** GEOMETRIC DATA *****

	CURRENT	NEW
35) STRUCTURE FLARED?	0	_____
10) INVENTORY ROUTE MIN VERT CLR.	99.99 FT	_____ FT
47) INV. RT TOT HORIZ CLR	20.01 FT	_____ FT
53) MIN VERT CLEAR OVER BRIDGE RDWAY	99.99 FT	_____ FT
54) MIN VERT UNDERCLEARANCE	N 0.00 FT	_____ FT
230) VERTICAL CLEARANCE SIGNING	0	_____
231) VERT CLEAR SIGN LEGEND	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	_____
55) MIN LAT UNDERCLEAR ON RIGHT	N 99.99 FT	_____ FT
56) MIN LAT UNDERCLEAR ON LEFT	0.00 FT	_____ FT
232) HORIZONTAL AND/OR VERTICAL CURVE	0	_____
233) CULVERT/PIPE INFORMATION		
A) NUM OF BARRELS/PIPES	0	_____
B) LENGTH	0.0 FT	_____ FT
C) SPAN	.000	_____
D) HEIGHT	.000	_____
E) DEPTH OF FILL	0.00 FT	_____ FT

S C R E E N 6A

***** STRUCTURE TYPE *****		CURRENT	NEW
43)	MAIN STRUCTURE TYPE CODE	1 11	-- ----
45)	NUMBER OF SPANS IN MAIN UNIT	001	---
44)	APPROACH STRUCTURE CODE	1 00	---
46)	NUMBER OF APPROACH SPANS	0002	-----
234)	APPROACH ROAD/SLAB TYPE	3	-
107)	DECK STRUCTURE TYPE	9	-
108)	WEARING SURFACE		-
	A) TYPE OF SURFACE	1	-
	B) TYPE OF MEMBRANE	8	-
	C) TYPE OF DECK PROTECTION	8	-
235)	EXPANSION JOINT		
	A) JOINT TYPE	7 N N N	-- -- --
	B) FILLER/SEAL	1 N N N	-- -- --
	C) MGMT CLASS	1 N N N	-- -- --
236)	BEARING TYPE	NN NN NN NN	--- --- ---
237)	CULVERT TYPE	NN	---

S C R E E N 6B

***** STRUCTURE TYPE *****		CURRENT	NEW
238)	FIELD SPLICE TYPE	N	--
239)	RAIL TYPE		-
	A) BRIDGE	2	-
	B) TRANSITION	06	-
	C) APPROACH	5	-
	D) END TREATMENT	2	-
240)	FRACTURE CRITICAL GROUP NUMBER		
	A) STRUCTURE	3	-
	B) SUPPORT	1	-
241)	FRACTURE CRITICAL SPAN NUMBER		
	A) SPAN TYPE	M	-
	B) SPAN NUMBER	999	-----
242)	FRACTURE CRITICAL MEMBER	TWO GIRDER ARCH	-----
243)	FRACTURE CRITICAL DETAIL	TWO GIRDER ARCH	-----

S C R E E N 7

***** STRUCTURE COMPONENTS *****		CURRENT		NEW	
244)	BEGIN ABUTMENT COMPONENTS				
	A) TYPE		08		---
	B) CAP MATERIAL		3		---
	C) CAP TYPE		2		---
	D) FOUNDATION		05		---
245)	ENDING ABUTMENT COMPONENTS				
	A) TYPE		08		---
	B) CAP MATERIAL		3		---
	C) CAP TYPE		2		---
	D) FOUNDATION		05		---
		PRIMARY		SECONDARY	
246)	MAIN SPAN PIER COMPONENTS:	CURRENT	NEW	CURRENT	NEW
	A) PIER MATERIAL	N	---	N	---
	B) PIER TYPE	N	---	N	---
	C) PIER CAP MATERIAL	N	---	N	---
	D) PIER CAP STRUCTURE	N	---	N	---
	E) PIER FOUNDATION TYPE	NN	---	NN	---
247)	APPROACH SPAN PIER COMPONENTS				
	A) PIER MATERIAL	N	---	N	---
	B) PIER TYPE	N	---	N	---
	C) PIER CAP MATERIAL	N	---	N	---
	D) PIER CAP STRUCTURE	N	---	N	---
	E) PIER FOUNDATION TYPE	NN	---	NN	---

S C R E E N 8A

***** LOAD RATING AND POSTING *****		CURRENT		NEW	
248)	SPECIAL INFORMATION INDICATOR		N		---
64)	OPERATING RATING		25.0		---
66)	INVENTORY RATING		18.9		---
63)	OPERATING RATING METHOD		5		---
65)	INVENTORY RATING METHOD		5		---
249)	RATING SPECIFICATION USED		?		---
250)	RATING ANALYSIS PERFORMED		??		---
251)	RATING AGENCY		N		---
252)	DATE RATED		?? ????		---
253)	RATING STATUS		N I N		---
254)	LOAD LIMITS				
	A) M		??		---
	B) TWO-AXLE		??		---
	C) TRI-AXLE		??		---
	D) CONCRETE TRUCK		??		---
	E) 18 WHEELER		??		---
	F) SIX-AXLE		??		---
	G) SCHOOL BUS		??		---
31)	DESIGN LOAD		2		---
255)	DESIGN METHOD		?		---
256)	YEAR OF AASHTO SPECIFICATIONS		????		---

S C R E E N 88

***** LOAD RATING AND POSTING *****		CURRENT	NEW
41)	POSTING STATUS	A	--
70)	POSTING LEVEL	5	--
257)	REASON POSTED	N N	--
258)	LAST POST CHANGE REASON/DATE	N 00 0000	--
259)	POSTING CHART INDICATOR	?	--
260)	POSTED LOAD RATING SIGNS		--
	A) REQUIRED?	N	--
	B) PRESENT?	N	--
	C) VISIBLE?	N	--
	D) LEGIBLE?	N	--
261)	DATE OF TEMPORARY STRENGTHENING	00 0000	--
262)	TYPE OF TEMPORARY STRENGTHENING	N N	--
263)	CONTROLLING MEMBER		--
	A) TYPE	?	--
	B) FATIGUE RELATED	?	--
264)	EBIT RECOMMENDATION	? ?	--
265)	STANDARD DRAWINGS - MAIN SPAN	?????????? ?	--
266)	STANDARD DRAWINGS - APPROACH SPAN	?????????? ?	--

S C R E E N 9

***** PAINTING INFORMATION *****		CURRENT	NEW
267)	DATE LAST PAINTED	NN NNNN	--
268)	PAINTABLE SURFACE AREA	NNNNNNNN F2	-- F2
269)	PAIN T COLOR	NNNNNNNNNNNNNNNNNNNNNN	--
270)	TYPE CLEANING	N	--
271)	TYPE PAINT		--
	A) PRIMER	N	--
	B) INTERMEDIATE	N	--
	C) FINISH	N	--
	E) UNDERCOAT	N	--
272)	PAINT THICKNESS		--
	A) PRIMER	NNNN MILS	-- MILS
	B) INTERMEDIATE	NNNN MILS	-- MILS
	C) FINISH	NNNN MILS	-- MILS
	D) UNDERCOAT	NNNN MILS	-- MILS
273)	PAINT EXTENT	N	--
274)	PAINT COST	00000	--

S C R E E N 10

*****CONDITION INFORMATION*****		CURRENT	NEW
58)	DECK	5	XXXXXXXXXX
59)	SUPERSTRUCTURE	6	XXXXXXXXXX
60)	SUBSTRUCTURE	6	XXXXXXXXXX
61)	CHANNEL & CHANNEL PROTECTION	7	XXXXXXXXXX
62)	CULVERTS	N	XXXXXXXXXX
275)	APPROACH ROADWAY CONDITION	6	XXXXXXXXXX
276)	OVERALL PAINT CONDITION	N	XXXXXXXXXX
277)	AIR TEMPERATURE - FAHRENHEIT	42	XXXXXXXXXX
278)	EXPANSION JOINT OPENING (WORST)	4	XXXXXXXXXX
279)	MAX HORIZ JT MISALIGNMENT WORST	8	XXXXXXXXXX
280)	MAX VERT JT MISALIGNMENT WORST	9	XXXXXXXXXX

S C R E E N 11

*****APPRAISAL INFORMATION*****		CURRENT	NEW
67)	STRUCTURAL EVALUATION	4	XXXXXXXXXX
68)	DECK GEOMETRY	2	XXXXXXXXXX
69)	UNDERCLEARANCES, VERT & HORIZ	N	XXXXXXXXXX
71)	WATERWAY ADEQUACY	7	XXXXXXXXXX
72)	APPROACH ROADWAY ALIGNMENT	5	XXXXXXXXXX
36)	TRAFFIC SAFETY FEATURES		
	A) BRIDGE RAILINGS	0	XXXXXXXXXX
	B) TRANSITIONS	0	XXXXXXXXXX
	C) APPROACH GUARDRAIL	1	XXXXXXXXXX
	D) APPROACH GUARDRAIL ENDS	1	XXXXXXXXXX
113)	SCOUR CRITICAL BRIDGES	8 A	--

S C R E E N 12

***** DEFICIENCY POINTS AND RANKING **		CURRENT	NEW
281)	HBRRP ELIGIBILITY STATUS	2	-
282)	SPECIAL CONSIDERATION FLAG	N	-
283)	SPECIAL CONDITION DEFICIENCY POINT	0	-
284)	LOAD DEFICIENCY POINTS	40.0	XXXXXXXXXX
285)	WIDTH DEFICIENCY POINTS	10.0	XXXXXXXXXX
286)	VERTICAL CLEARANCE DEFICIENCY POINTS	0.0	XXXXXXXXXX
287)	PHYSICAL CONDITION DEFICIENCY POINTS	0.0	XXXXXXXXXX
288)	TOTAL DEFICIENCY POINTS	50.0	XXXXXXXXXX
289)	BRIDGE RANKING		
	LOCAL	0025	XXXXXXXXXX
	STATEWIDE	000000179	XXXXXXXXXX

SUFFICIENCY RATING 53.6
 STATUS 2

S C R E E N 13

***** PROPOSED IMPROVEMENTS *****

	CURRENT	NEW
75) TYPE OF WORK	35 1	_____
76) LENGTH OF STRUCT. IMPROVE.	157.8 FT	_____ FT
94) BRIDGE IMPROVEMENT COST IN 1000\$	\$ 251	_____
95) ROADWAY IMPROVEMENT COST IN 1000\$	\$ 25	_____
290) CALCULATED INCIDENTAL COST	\$ 100	_____
96) TOTAL PROJECTED COST IN 1000\$	\$ 376	_____
97) YEAR OF IMPROV. COST ESTIMATE	2002	_____
114) FUTURE AADT	5140	_____
115) YEAR OF FUTURE AADT	2020	_____
291) REPLACEMENT COST FACTORS		
A) COST/M2 DECK	0000	XXXXXXXXXX
B) CULVERTS COST/M2 TOP SLAB	0000	XXXXXXXXXX
C) APPROACH COST FACTOR	0.0	XXXXXXXXXX
D) TOTAL PROJECT COST FACTOR	0.0	XXXXXXXXXX

BIN: 000543 : REC STR NUM: 0 AL0117 25 0004.979 00

DATE PRT: 12/04/2002

DIVISION: 01

PRV INSP: RALPH PAYNR

PRV DATE: 12/05/2000

PRV INSP TYPE: REG

NEW DATE: 12-16-02

NEW INSP TYPE: R

*****58--DECK*****

	CURRENT	NEW
1. RIDING SURFACE	5	<u>5</u>
2. DECK-STRUCTURAL	5	<u>5</u>
3. CURBS	5	<u>5</u>
4. MEDIAN	N	<u>N</u>
5. SIDEWALKS	N	<u>N</u>
6. RAILING	5	<u>5</u>
7. PAINT	N	<u>N</u>
8. DRAINS	6	<u>6</u>
9. LIGHTING STANDARDS	N	<u>N</u>
10. UTILITIES	N	<u>N</u>
11. JOINT LEAKAGE	N	<u>N</u>
12. EXPANSION JOINTS/DEVICES	5	<u>5</u>
13. COLLISION DAMAGE	4	<u>4</u>
OVERALL RATING	5	<u>5</u>

REMARKS: MEDIUM TO HEAVY SCALE AREAS ALL SPANS.FACES OF CURBS & RAILS SPALLING & CRACKED FROM COLLISION.OPEN TRANS.CRACKS IN SPAN 3.EXP JOINTS RAVELIN G.LIGHT EFF SEEPAGE W/MINOR SPALLS DECK BOTTOM.LT RAIL SPANS COLL.DAMG

*****59--SUPERSTRUCTURE*****

	CURRENT	NEW
1. BEARING DEVICES		
A) ELASTOMERIC	N	<u>N</u>
B) BRONZE	N	<u>N</u>
C) STEEL	N	<u>N</u>
D) POT/DISK	N	<u>N</u>
E) OTHER	6	<u>6</u>
2. STRINGERS,GIRDERS,BEAMS & DECK SLABS		
A) CONCRETE	6	<u>6</u>
B) STEEL	N	<u>N</u>
C) TIMBER	N	<u>N</u>
3. FLOOR BEAMS	N	<u>N</u>
4. DIAPHRAGMS & CROSS FRAMES	6	<u>6</u>
5. TRUSSES		
A) GENERAL	N	<u>N</u>
B) PORTALS	N	<u>N</u>
C) BRACING	N	<u>N</u>
6. PAINT	N	<u>N</u>
7. MACHINERY(MOVABLE SPANS)	N	<u>N</u>
8. RIVETS OR BOLTS	N	<u>N</u>
9. WELDS-CRACKING	N	<u>N</u>
10. COLLISION DAMAGE	8	<u>8</u>
11. DEFLECTION UNDER LOAD	7	<u>7</u>
12. ALIGNMENT OF MEMBERS	7	<u>7</u>
13. VIBRATION UNDER LOAD	7	<u>7</u>
OVERALL RATING	6	<u>6</u>

REMARKS: MINOR SPALLING ON ARCHES.DIAPHRAGMS CRACKED W/AREAS SPALLING.VERTICAL SUPPORT POST SPALLING W/REBAR AND VERTICAL & HORIZONTAL CRACKS IN SUPP ORTS. *V.S.O.*

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 DIVISION: 01

DATE PRT: 12/04/2002

****60--SUBSTRUCTURE*****

	CURRENT	NEW
1. ABUTMENTS		
A) CAPS	6	<u>6</u>
B) WINGS	6	<u>6</u>
C) BACKWALL	N	<u>N</u>
D) FOOTING/DRILLED SHAFT	N	<u>N</u>
E) PILES		
1) PRESTRESSED CONCRETE	N	<u>N</u>
2) STEEL	N	<u>N</u>
3) TIMBER	N	<u>N</u>
F) EROSION/SCOUR	4	<u>4</u>
G) SETTLEMENT	7	<u>7</u>
2. PIERS OR BENTS		
A) CAPS	7	<u>7</u>
B) COLUMNS	5	<u>5</u>
C) FOOTING/DRILLED SHAFT	N	<u>N</u>
D) PILES		
1) PRESTRESSED CONCRETE	N	<u>N</u>
2) STEEL	N	<u>N</u>
3) TIMBER	N	<u>N</u>
E) SCOUR	7	<u>7</u>
F) SETTLEMENT	8	<u>8</u>
G) BRACING	N	<u>N</u>
3. DEBRIS ON SEATS	6	<u>6</u>
4. PAINT	N	<u>N</u>
5. COLLISION DAMAGE	8	<u>8</u>
OVERALL RATING	6	<u>6</u>

REMARKS: RIP-RAP BENN PLACED IN FRONT OF ABUTS. EROSION BACK UNDER BOTH ABUTS, W/
 FILL SETTLEMENT, NEEDS ATTENTION.

**61--CHANNEL & CHANNEL PROTECTION*

	CURRENT	NEW
1. CHANNEL SCOUR	7	<u>7</u>
2. EMBANKMENT EROSION	5	<u>5</u>
3. DRIFT	8	<u>8</u>
4. VEGETATION	6	<u>6</u>
5. CHANNEL MIGRATION	7	<u>7</u>
6. PIER PROTECTION	N	<u>N</u>
7. SPUR DIKES & JETTIES	N	<u>N</u>
8. RIP RAP	N	<u>N</u>
9. ADEQUACY OF OPENING	7	<u>7</u>
10. ALIGNMENT WITH STRUCTURE	7	<u>7</u>
OVERALL RATING	7	<u>7</u>

REMARKS: H.W. DEBRIS ON ARCHES. EROSION OF CHANNEL

V.S.O.

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00
DIVISION: 01

DATE PRT: 12/04/2002

*****MISCELLANEOUS*****

	CURRENT	NEW
277. AIR TEMP @MEASUREMENT TIME, FAREN.	42	<u>60</u>
278. EXPANSION JOINT OPENING, WORST	4	<u>4</u>
279. MAX HOR MIS-ALIGNMENT AT JOINT	8	<u>8</u>
280. MAX VERT MIS-ALIGNMENT AT JOINT	9	<u>9</u>
275. APPROACH ROADWAY CONDITION	6	<u>6</u>
276. OVERALL PAINT CONDITION	N	<u>N</u>
71. WATERWAY ADEQUACY	7	<u>7</u>
72. APPROACH ROADWAY ADED APPRAISAL	5	<u>5</u>
36. TRAFFIC SAFETY FEATURES		
A. BRIDGE RAIL	4	<u>4</u>
B. TRANSITION	4	<u>4</u>
C. APPROACH RAIL	8	<u>8</u>
D. END TREATMENT	8	<u>8</u>
260. POSTED LOAD RATING SIGNS:		
A)REQUIRED	N	<u>N</u>
B)PRESENT	N	<u>N</u>
C)VISIBLE	N	<u>N</u>
D)LEGIBLE	N	<u>N</u>

REASON FOR INSP. Routine 24 month

INSPECTION AGENCY CODE 1

INSPECTOR'S SIGNATURE [Signature] DATE 12-16-02

INSP. NBIS CERT. NO. 305

OR ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE [Signature] DATE 12/18/02

REVIEWER'S TITLE CEM

ALABAMA DEPARTMENT OF TRANSPORTATION DATE: 12/04/2002
BRIDGE MAINTENANCE ESTIMATE
(FORM BI-9)

BIN:000548 STR.NUM.: 0 AL0117 25 0004.979 00 DIV/DIST:01/03
INSPECTED BY: Steve Osmer DATE: 12-16-02
REVIEWED BY: [Signature] DATE: 12/18/02

CURRENT DATA ON FILE

ACT CODE DESCRIPTION UNITS QTY PRIORITY STAT

NC: B01 DECK CLEANING HR 8.0 R
REMARK: DEBRIS IN CURBLINES AND IN DRAINS, SHOULD BE REMOVE
REMARK: D

C: _____ NEW QTY: _____ NEW PRIORITY: _____
NEW REMARK: _____

NC: B30 SLOPE AND SHORE PROT HR 200.0 P
REMARK: BOTH ABUT SHOULD HAVE RIP-RAP PLACED, DUE TO SEVERE
REMARK: EROSION

C: _____ NEW QTY: _____ NEW PRIORITY: _____
NEW REMARK: _____

NC: B38 OTHER STRUCTURE MAIN HR 100.0 P
REMARK: FILL SETTLEMENT AT BOTH BRIDGE ENDS, SHOULD BE FILL
REMARK: ED AND LEVELED.

C: _____ NEW QTY: _____ NEW PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____



Bob Riley
Governor

ALABAMA DEPARTMENT OF TRANSPORTATION

1409 Coliseum Boulevard
P.O. Box 303050
Montgomery, Alabama 38130-3050

Telephone: 334/242-6311 - Fax No.: 334/262-8041



July 13, 2004

MEMORANDUM

TO: Mr. Johnny Harris
Division Engineer

FROM: D. W. Vaughn *DW Vaughn*
Deputy Director, Operations

RE: Project BR-0204()
SR-117 Over West Fork of the Little River
DeKalb County

FORWARD TO:	Admin	Info
Div. Staff		
Dist. Offices		
Const.		
Maint.		
Traffic		
Bridge		
Operations Director		<input checked="" type="checkbox"/>
ROW		
Utility		
Envir.		
Materials		
County Trans.		
Off. Mgr.		
Equip.		
Training Coordinator		

Tommy see me.

I have reviewed your June 30, 2004, request to initiate preliminary engineering on the referenced project earlier than the currently scheduled November 1, 2005, start date. This project has a sufficiency rating of 52.8, which makes it ineligible for replacement. Therefore, it would not be advisable to initiate engineering at this time. We will re-evaluate the project, and hopefully we will be able to initiate preliminary engineering in November 2005 when it is currently scheduled.

Thank you for bringing this issue to my attention.

DWV:dd



*1334
624
3051
Pam Murrelson*

FORM: BI-8

A B I M S
SCOUR OBSERVATIONS

PAGE: 2 OF 2
DATE PRT: 08/10/2004

BIN 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00

		CURRENT	NEW
15.	EROSION OR FOUNDATION EXPOSURE NONE LITTLE SOME MUCH 0 1 2 3	0	<u>0</u>
16.	STREAM PROFILE/CROSS-SECTION RECORDED KNOWN UNKNOWN 0 1 2	0	<u>0</u>
17.	IS THERE A CONFLUENCE UPSTREAM OR DOWNSTREAM NO YES 0 1	0	<u>0</u>
18.	IS THERE A CONTROL STRUCTURE (DAM) UPSTREAM OR DOWNSTREAM NO YES 0 1	1	<u>1</u>
19.	STREAM BED BORINGS TAKEN NONE 0 1	1	<u>1</u>
20.	NORMAL STREAM FLOW NONE RELIEF STATIC PERIODIC LIVEWATER 0 1 2 3 4	4	<u>4</u>
21.	OBSERVED STREAM FLOW RELIEF MAIN CHANNEL 0 1	1	<u>1</u>
22.	KNOWN OR OBSERVED HIGH WATER ELEVATION (MARK) YES UNKNOWN NO 0 1 2	1	<u>1</u>
23.	STREAM MEANDER WITHIN FLOODPLAIN NONE SOME 0 1	1	<u>1</u>
24.	BANK EROSION NONE SOME MUCH 0 1 2	1	<u>1</u>
25.	STABLE VEGETATION ON STREAM BANKS YES NO 0 1	0	<u>0</u>
26.	DREDGING OPERATIONS OBSERVED NEARBY NO YES 0 5	0	<u>0</u>
27.	VERTICAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	<u>0</u>
28.	HORIZONTAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	<u>0</u>
29.	ADDITION BY OBSERVER FOR	0	<u>0</u>

TOTAL SCOUR POTENTIAL

29

COMPLETED BY

Juanita McLooney

DATE:

01/4/2004

REVIEWED BY

Walt S. Butts

DATE:

8/16/04

S C R E E N 1 A

***** IDENTIFICATION INFORMATION *****		CURRENT	NEW
200)	OPERATIONAL STATUS	0	
201)	LOCAL IDENTIFIER	NNNN	
5)	INVENTORY ROUTE	1 3 1 00117 0	
2)	ALDOT DIVISION 202) DISTRICT	01 03	
203)	MPO CODE	00	
204)	COUNTY CODE	25	
4)	PLACE CODE	00000	
6)	FEATURES INTERSECTED	WEST FORK LITTLE RIVER	
7)	FACILITY CARRIED	SR 117	
9)	LOCATION	5 MI NW ALA-GA ST LINE	
205)	RELATIVE POSITION INDICATOR	00	
11)	MILEPOINT	4.979 MP	MP
13)	LRS INVENTORY ROUTE, SUBROUTE NUMBER	AL0117 00	
16)	LATITUDE	34D 34M 12.00000S	D M S
17)	LONGITUDE	085D 34M 24.00000S	D M S
27)	YEAR BUILT	1928	
106)	YEAR RECONSTRUCTED	0000	
294)	BRIDGE NAME/DESIGNATOR	???????????????????????????????? ?	

S C R E E N 1 B

***** IDENTIFICATION INFORMATION *****		CURRENT	NEW
206)	CONGRESSIONAL DISTRICT	04	
207)	SENATE DISTRICT	08	
208)	HOUSE DISTRICT	024	
209)	CONTRACT DRAWINGS	U 9	
210)	CPMS REFERENCE NUMBER	NNNNNNNNNN	
292)	PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	
211)	MICROFILM PLANS	U 9	
212)	SHOP DRAWINGS	U 9	
213)	CAD FILES	U 9	
214)	AJACENT MAINLINE BIN	000000	
215)	PREVIOUS STRUCTURE BIN	000000 ??????	
98)	BORDER STATE CODE		
	PERCENT SHARE		
99)	BORDER BRIDGE STRUCTURE NUMBER		
216)	NARRATIVE INFORMATION INDICATOR	N	XXXXXXXXXX

S C R E E N 2

***** CLASSIFICATION DATA *****		CURRENT	NEW
112)	NBIS BRIDGE LENGTH	Y	
104)	NATIONAL HIGHWAY SYSTEM	0	
12)	BASE HIGHWAY NETWORK	0	
105)	FEDERAL LANDS HIGHWAYS	0	
26)	FUNCTIONAL CLASSIFICATION	06	
100)	STRAHNET HIGHWAY DESIGNATION	0	
101)	PARALLEL STRUCTURE	N	
102)	DIRECTION OF TRAFFIC	2	
103)	TEMPORARY STRUCTURE DESIGNATION		
110)	DESIGNATED NATIONAL TRUCK NETWORK	0	
20)	TOLL STATUS	3	
21)	MAINTAINED BY	01	
293)	INSPECTION AGENCY	01	
22)	OWNED BY	01	
37)	HISTORICAL SIGNIFICANCE	4	

S C R E E N 3

***** SERVICE *****		CURRENT	NEW
42)	TYPE OF SERVICE		
	A) ON	1	-
	B) UNDER	5	-
28)	NUMBER OF LANES		
	A) ON	02	-
	B) UNDER	00	-
29)	AADT	003140	-
109)	AVERAGE DAILY TRUCK TRAFFIC	08	-
30)	YEAR OF AADT	2000	-
19)	DETOUR LENGTH	006 MI	- MI

***** NAVIGATIONAL DATA *****		CURRENT	NEW
38)	NAVIGATIONAL CONTROL	0	-
111)	PIER PROTECTION	N	-
39)	NAVIGATION VERT CLEARANCE	0.0 FT	- FT
116)	MIN NAV VERT CLEAR VERT-LIFT-BRIDGE	0.0 FT	- FT
40)	NAVIGATION HORIZONTAL CLEARANCE	0.0 FT	- FT

S C R E E N 4

***** INSPECTION DATA *****		CURRENT	NEW
90)	ROUTINE INSPECTION DATE	12 2002	XXXXXXX
217)	INTERIM INSPECTION DATE	?? ????	XXXXXXX
91)	INSPECTION FREQUENCY	24	-
92)	CRITICAL FEATURE INSPECTION		
	A) FRACTURE CRITICAL DETAIL	Y 24	-
	B) UNDERWATER INSPECTION	N 00	-
	C) OTHER SPECIAL INSPECTION	N 00	-
	D) SPECIAL INSPECTION TYPE	0 0 0 0	-
93)	CRITICAL FEATURE INSPECTION DATE		
	A) FRACTURE CRITICAL DETAIL (MO/YR)	12 2002	-
	B) UNDERWATER INSPECTION (MO/YR)	00 0000	-
	C) SPECIAL INSPECTION (MO/YR)	00 0000	-
218)	TOTAL HOURS FOR UNDERWATER INSPECTION	0000	-
219)	SNOOPER INSPECTION REQUIRED/FREQUENCY	N 00	-
220)	LAST SNOOPER INSPECTION DATE (MO/CYYR)	00 0000	-
221)	TOTAL HOURS FOR SNOOPER INSPECTION	0000	-
222)	SPECIAL EQUIPMENT USED	0	-
223)	TOTAL HOURS OF LAST INSPECTION	0004	-
224)	SCOUR INSPECTION FREQUENCY	Y 24 0	-
	SCOUR INSPECTION DATE (MO/YR)	12 2002	-
225)	SCOUR ACTION REQUIRED		
	A) COUNTERMEASURES PLANNED	N 00 0000	-
	B) COUNTERMEASURES COMPLETED	00 0000	-

08 2004
 No footings
 in stream.
 Rip-Rap has
 been placed
 at a butmen

S C R E E N 5A

***** GEOMETRIC DATA *****		CURRENT	NEW
49)	STRUCTURE LENGTH	127.0 FT	_____ FT
48)	LENGTH OF MAX SPAN	100.1 FT	_____ FT
226)	SUPERSTRUCTURE CENTERLINE LENGTH		
	A) STEEL	0.0 FT	_____ FT
	B) CONCRETE	127.0 FT	_____ FT
	C) TIMBER	0.0 FT	_____ FT
50)	CURB OR SIDEWALK		
	A) LEFT	0.69 FT	_____ FT
	B) RIGHT	0.69 FT	_____ FT
32)	APPR. RDWAY WIDTH	24.0 FT	_____ FT
227)	APPROACH TRAVELWAY WIDTH	20.0 FT	_____ FT
51)	BRIDGE ROADWAY WIDTH CURB TO CURB	20.0 FT	_____ FT
52)	DECK WIDTH OUT TO OUT	23.6 FT	_____ FT
228)	DECK THICKNESS	.000	_____
229)	OVERLAY THICKNESS	.000	_____
33)	BRIDGE MEDIAN	0	_____
34)	SKEW	0 D	_____ D

S C R E E N 5B

***** GEOMETRIC DATA *****		CURRENT	NEW
35)	STRUCTURE FLARED?	0	_____
10)	INVENTORY ROUTE MIN VERT CLR.	99.99 FT	_____ FT
47)	INV. RT TOT HORIZ CLR	20.01 FT	_____ FT
53)	MIN VERT CLEAR OVER BRIDGE RDWAY	99.99 FT	_____ FT
54)	MIN VERT UNDERCLEARANCE	N 0.00 FT	_____ FT
230)	VERTICAL CLEARANCE SIGNING	0	_____
231)	VERT CLEAR SIGN LEGEND	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	_____
55)	MIN LAT UNDERCLEAR ON RIGHT	N 99.99 FT	_____ FT
56)	MIN LAT UNDERCLEAR ON LEFT	0.00 FT	_____ FT
232)	HORIZONTAL AND/OR VERTICAL CURVE	0	_____
233)	CULVERT/PIPE INFORMATION		
	A) NUM OF BARRELS/PIPES	0	_____
	B) LENGTH	0.0 FT	_____ FT
	C) SPAN	.000	_____
	D) HEIGHT	.000	_____
	E) DEPTH OF FILL	0.00 FT	_____ FT

FORM BI-6
 BIN 000543 1 REC STR. NUM: 0 AL0117 25 0004.979 00

ABIMS
 STRUCTURE INVENTORY AND APPRAISAL
 DATE SHEET 4
 (PRINTED 08/05/2004)

S C R E E N 6A

***** STRUCTURE TYPE *****		CURRENT	NEW
43}	MAIN STRUCTURE TYPE CODE	1 11	---
45}	NUMBER OF SPANS IN MAIN UNIT	001	---
44}	APPROACH STRUCTURE CODE	1 06	---
46}	NUMBER OF APPROACH SPANS	0002	---
234}	APPROACH ROAD/SLAB TYPE	3	---
107}	DECK STRUCTURE TYPE	9	---
108}	WEARING SURFACE		---
	A) TYPE OF SURFACE	1	---
	B) TYPE OF MEMBRANE	8	---
	C) TYPE OF DECK PROTECTION	8	---
235}	EXPANSION JOINT		---
	A) JOINT TYPE	7 N N N	---
	B) FILLER/SEAL	1 N N N	---
	C) MVMT CLASS	1 N N N	---
236}	BEARING TYPE	NN NN NN NN	---
237}	CULVERT TYPE	NN	---

S C R E E N 6B

***** STRUCTURE TYPE *****		CURRENT	NEW
238}	FIELD SPLICE TYPE	N	---
239}	RAIL TYPE		---
	A) BRIDGE	2	---
	B) TRANSITION	06	---
	C) APPROACH	5	---
	D) END TREATMENT	2	---
240}	FRACTURE CRITICAL GROUP NUMBER		---
	A) STRUCTURE	3	---
	B) SUPPORT	1	---
241}	FRACTURE CRITICAL SPAN NUMBER		---
	A) SPAN TYPE	M	---
	B) SPAN NUMBER	999	---
242}	FRACTURE CRITICAL MEMBER	TWO GIRDER ARCH	---
243}	FRACTURE CRITICAL DETAIL	TWO GIRDER ARCH	---

S C R E E N 10

*****CONDITION INFORMATION*****			CURRENT	NEW
58)	DECK		5	XXXXXXXXXX
59)	SUPERSTRUCTURE		6	XXXXXXXXXX
60)	SUBSTRUCTURE		6	XXXXXXXXXX
61)	CHANNEL & CHANNEL PROTECTION		7	XXXXXXXXXX
62)	CULVERTS		N	XXXXXXXXXX
275)	APPROACH ROADWAY CONDITION		6	XXXXXXXXXX
276)	OVERALL PAINT CONDITION		N	XXXXXXXXXX
277)	AIR TEMPERATURE - FAHRENHEIT		60	XXXXXXXXXX
278)	EXPANSION JOINT OPENING (WORST)		4	XXXXXXXXXX
279)	MAX HORIZ JT MISALIGNMENT WORST		8	XXXXXXXXXX
280)	MAX VERT JT MISALIGNMENT WORST		9	XXXXXXXXXX

S C R E E N 11

*****APPRAISAL INFORMATION*****			CURRENT	NEW
67)	STRUCTURAL EVALUATION		4	XXXXXXXXXX
68)	DECK GEOMETRY		2	XXXXXXXXXX
69)	UNDERCLEARANCES, VERT & HORIZ		N	XXXXXXXXXX
71)	WATERWAY ADEQUACY		7	XXXXXXXXXX
72)	APPROACH ROADWAY ALIGNMENT		5	XXXXXXXXXX
36)	TRAFFIC SAFETY FEATURES			
A)	BRIDGE RAILINGS		0	XXXXXXXXXX
B)	TRANSITIONS		0	XXXXXXXXXX
C)	APPROACH GUARDRAIL		1	XXXXXXXXXX
D)	APPROACH GUARDRAIL ENDS		1	XXXXXXXXXX
113)	SCOUR CRITICAL BRIDGES		8 A	

S C R E E N 12

***** DEFICIENCY POINTS AND RANKING **			CURRENT	NEW
281)	HBRRP ELIGIBILITY STATUS		1	
282)	SPECIAL CONSIDERATION FLAG		N	-
283)	SPECIAL CONDITION DEFICIENCY POINT		0	-
284)	LOAD DEFICIENCY POINTS		40.0	XXXXXXXXXX
285)	WIDTH DEFICIENCY POINTS		10.0	XXXXXXXXXX
286)	VERTICAL CLEARANCE DEFICIENCY POINTS		0.0	XXXXXXXXXX
287)	PHYSICAL CONDITION DEFICIENCY POINTS		0.0	XXXXXXXXXX
288)	TOTAL DEFICIENCY POINTS		50.0	XXXXXXXXXX
289)	BRIDGE RANKING			
	LOCAL		0024	XXXXXXXXXX
	STATEWIDE		000000123	XXXXXXXXXX

SUFFICIENCY RATING 43.7
 STATUS 2

S C R E E N 13

***** PROPOSED IMPROVEMENTS *****		CURRENT	NEW
75)	TYPE OF WORK	31 1	
76)	LENGTH OF STRUCT. IMPROVE.	157.8 FT	--- FT
94)	BRIDGE IMPROVEMENT COST IN 1000\$	\$ 451	---
95)	ROADWAY IMPROVEMENT COST IN 1000\$	\$ 45	---
290)	CALCULATED INCIDENTAL COST	\$ 180	---
96)	TOTAL PROJECTED COST IN 1000\$	\$ 676	---
97)	YEAR OF IMPROV. COST ESTIMATE	2004	---
114)	FUTURE AADT	5140	---
115)	YEAR OF FUTURE AADT	2020	---
291)	REPLACEMENT COST FACTORS		
A)	COST/M2 DECK	0000	XXXXXXXXXX
B)	CULVERTS COST/M2 TOP SLAB	0000	XXXXXXXXXX
C)	APPROACH COST FACTOR	0.0	XXXXXXXXXX
D)	TOTAL PROJECT COST FACTOR	0.0	XXXXXXXXXX

James McLoon 8/4/2004 OR
 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. ALA. PROF. ENGR. NO.
Will Sr Bull P.E. 8/16/04 Trans. Manager
 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00

DATE PRT: 08/05/2004

DIVISION: 01

PRV INSP: STEVE OSMER

PRV DATE: 12/17/2002

PRV INSP TYPE: REG

NEW DATE: _____

NEW INSP TYPE: _____

*****58--DECK*****

	CURRENT	NEW
1. RIDING SURFACE	5	<u>5</u>
2. DECK-STRUCTURAL	5	<u>5</u>
3. CURBS	5	<u>5</u>
4. MEDIAN	N	<u>N</u>
5. SIDEWALKS	N	<u>N</u>
6. RAILING	5	<u>5</u>
7. PAINT	N	<u>N</u>
8. DRAINS	6	<u>6</u>
9. LIGHTING STANDARDS	N	<u>N</u>
10. UTILITIES	N	<u>N</u>
11. JOINT LEAKAGE	N	<u>N</u>
12. EXPANSION JOINTS/DEVICES	5	<u>5</u>
13. COLLISION DAMAGE	4	<u>4</u>
OVERALL RATING	5	<u>5</u>

REMARKS: MEDIUM TO HEAVY SCALE AREAS ALL SPANS. FACES OF CURBS & RAILS SPALLING & CRACKED FROM COLLISION. OPEN TRANS. CRACKS IN SPAN 3. EXP JOINTS RAVELIN G. LIGHT EFF SEEPAGE W/MINOR SPALLS DECK BOTTOM. LT RAIL SPAN5 COLL. DAMG

****59--SUPERSTRUCTURE****

	CURRENT	NEW
1. BEARING DEVICES		
A) ELASTOMERIC	N	<u>N</u>
B) BRONZE	N	<u>N</u>
C) STEEL	N	<u>N</u>
D) POT/DISK	N	<u>N</u>
E) OTHER	6	<u>6</u>
2. STRINGERS, GIRDERS, BEAMS & DECK SLABS		
A) CONCRETE	6	<u>5</u>
B) STEEL	N	<u>N</u>
C) TIMBER	N	<u>N</u>
3. FLOOR BEAMS	N	<u>N</u>
4. DIAPHRAGMS & CROSS FRAMES	6	<u>6</u>
5. TRUSSES		
A) GENERAL	N	<u>N</u>
B) PORTALS	N	<u>N</u>
C) BRACING	N	<u>N</u>
6. PAINT	N	<u>N</u>
7. MACHINERY (MOVABLE SPANS)	N	<u>N</u>
8. RIVETS OR BOLTS	N	<u>N</u>
9. WELDS-CRACKING	N	<u>N</u>
10. COLLISION DAMAGE	8	<u>8</u>
11. DEFLECTION UNDER LOAD	7	<u>7</u>
12. ALIGNMENT OF MEMBERS	7	<u>7</u>
13. VIBRATION UNDER LOAD	7	<u>7</u>
OVERALL RATING	6	<u>5</u>

REMARKS: MINOR SPALLING ON ARCHES. DIAPHRAGMS CRACKED W/AREAS SPALLING. VERTICAL SUPPORT POST SPALLING W/REBAR AND VERTICAL & HORIZONTAL CRACKS IN SUPP ORTS.

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00
DIVISION: 01

DATE PRT: 08/05/2004

****60--SUBSTRUCTURE****

	CURRENT	NEW
1. ABUTMENTS		
A) CAPS	6	<u>6</u>
B) WINGS	6	<u>6</u>
C) BACKWALL	N	<u>N</u>
D) FOOTING/DRILLED SHAFT	N	<u>N</u>
E) PILES		
1) PRESTRESSED CONCRETE	N	<u>N</u>
2) STEEL	N	<u>N</u>
3) TIMBER	N	<u>N</u>
F) EROSION/SCOUR	4	<u>4</u>
G) SETTLEMENT	7	<u>7</u>
2. PIERS OR BENTS		
A) CAPS	7	<u>7</u>
B) COLUMNS	5	<u>5</u>
C) FOOTING/DRILLED SHAFT	N	<u>N</u>
D) PILES		
1) PRESTRESSED CONCRETE	N	<u>N</u>
2) STEEL	N	<u>N</u>
3) TIMBER	N	<u>N</u>
E) SCOUR	7	<u>7</u>
F) SETTLEMENT	8	<u>8</u>
G) BRACING	N	<u>N</u>
3. DEBRIS ON SEATS	6	<u>6</u>
4. PAINT	N	<u>N</u>
5. COLLISION DAMAGE	8	<u>8</u>
OVERALL RATING	.6	<u>5</u>

REMARKS: RIP-RAP BENN PLACED IN FRONT OF ABUTS. EROSION BACK UNDER BOTH ABUTS, W/
FILL SETTLEMENT, NEEDS ATTENTION.

**61--CHANNEL & CHANNEL PROTECTION*

	CURRENT	NEW
1. CHANNEL SCOUR	7	<u>7</u>
2. EMBANKMENT EROSION	5	<u>5</u>
3. DRIFT	8	<u>8</u>
4. VEGETATION	6	<u>6</u>
5. CHANNEL MIGRATION	7	<u>7</u>
6. PIER PROTECTION	N	<u>N</u>
7. SPUR DIKES & JETTIES	N	<u>N</u>
8. RIP RAP	N	<u>N</u>
9. ADEQUACY OF OPENING	7	<u>7</u>
10. ALIGNMENT WITH STRUCTURE	7	<u>7</u>
OVERALL RATING	7	<u>7</u>

REMARKS: H.W. DEBRIS ON ARCHES. EROSION OF CHANNEL

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00
DIVISION: 01

DATE PRT: 08/05/2004

*****MISCELLANEOUS*****			CURRENT	NEW
277.	AIR TEMP @MEASUREMENT TIME, FAREN.	60		BB
278.	EXPANSION JOINT OPENING, WORST	4		4
279.	MAX HOR MIS-ALIGNMENT AT JOINT	8		B
280.	MAX VERT MIS-ALIGNMENT AT JOINT	9		9
275.	APPROACH ROADWAY CONDITION	6		5
276.	OVERALL PAINT CONDITION	N		N
71.	WATERWAY ADEQUACY	7		7
72.	APPROACH ROADWAY ADEQ APPRAISAL	5		5
36.	TRAFFIC SAFETY FEATURES			
	A. BRIDGE RAIL	4		4
	B. TRANSITION	4		4
	C. APPROACH RAIL	8		B
	D. END TREATMENT	8		B
260.	POSTED LOAD RATING SIGNS:			
	A) REQUIRED	N		N
	B) PRESENT	N		N
	C) VISIBLE	N		N
	D) LEGIBLE	N		N

REASON FOR INSP. Routine - also safety concerns

INSPECTION AGENCY CODE 1

Jimmie McCarty 8/4/04 C.E. 123 OR ALA. PROF. ENGR. NO.
INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO.

Willie E. Burt P.E. 8/16/04 Trans. Manager
REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

ALABAMA DEPARTMENT OF TRANSPORTATION DATE: 08/10/2004
 BRIDGE MAINTENANCE ESTIMATE
 (FORM BI-9)

BIN:000543 STR.NUM.: 0 AL0117 25 0004.979 00 DIV/DIST:01/03
 INSPECTED BY: Jimmy McGee DATE: 8/4/2004
 REVIEWED BY: Willie S. Bell DATE: 8/16/04

CURRENT DATA ON FILE

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
NC: ✓ B01	DECK CLEANING	HR	8.0	R	
	REMARK: DEBRIS IN CURBLINES AND IN DRAINS, SHOULD BE REMOVE				
	REMARK: D				

C: NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

NC: ✓ B30	SLOPE AND SHORE PROT	HR	200.0	P	
	REMARK: BOTH ABUT SHOULD HAVE RIP-RAP PLACED, DUE TO SEVERE				
	REMARK: EROSION				

C: ✓ NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: enter - RI-10

NC: ✓ B38	OTHER STRUCTURE MAIN	HR	100.0	P	
	REMARK: FILL SETTLEMENT AT BOTH BRIDGE ENDS, SHOULD BE FILL				
	REMARK: ED AND LEVELED.				

C: NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

BIN 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00

		CURRENT	NEW
15.	EROSION OR FOUNDATION EXPOSURE NONE LITTLE SOME MUCH 0 1 2 3	0	<u>0</u>
16.	STREAM PROFILE/CROSS-SECTION RECORDED KNOWN UNKNOWN 0 1 2	0	<u>0</u>
17.	IS THERE A CONFLUENCE UPSTREAM OR DOWNSTREAM NO YES 0 1	0	<u>0</u>
18.	IS THERE A CONTROL STRUCTURE (DAM) UPSTREAM OR DOWNSTREAM NO YES 0 1	1	<u>1</u>
19.	STREAM BED BORINGS TAKEN NONE 0 1	1	<u>1</u>
20.	NORMAL STREAM FLOW NONE RELIEF STATIC PERIODIC LIVESTREAM 0 1 2 3 4	4	<u>4</u>
21.	OBSERVED STREAM FLOW RELIEF MAIN CHANNEL 0 1	1	<u>1</u>
22.	KNOWN OR OBSERVED HIGH WATER ELEVATION (MARK) YES UNKNOWN NO 0 1 2	1	<u>1</u>
23.	STREAM MEANDER WITHIN FLOODPLAIN NONE SOME 0 1	1	<u>1</u>
24.	BANK EROSION NONE SOME MUCH 0 1 2	1	<u>1</u>
25.	STABLE VEGETATION ON STREAM BANKS YES NO 0 1	0	<u>0</u>
26.	DREDGING OPERATIONS OBSERVED NEARBY NO YES 0 5	0	<u>0</u>
27.	VERTICAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	<u>0</u>
28.	HORIZONTAL MISALIGNMENT OF BRIDGE ELEMENTS NO MINOR MAJOR 0 2 4	0	<u>0</u>
29.	ADDITION BY OBSERVER FOR	0	<u>0</u>

TOTAL SCORE POTENTIAL

31

COMPLETED BY Ralph Payer

DATE: 12/10/04

REVIEWED BY Will S. Boh

DATE: 1/13/05

S C R E E N 3

***** SERVICE *****		CURRENT	NEW
42)	TYPE OF SERVICE		
	A) ON	1	-
	B) UNDER	5	-
28)	NUMBER OF LANES		
	A) ON	02	-
	B) UNDER	00	-
29)	AADT	003140	-
109)	AVERAGE DAILY TRUCK TRAFFIC	08	-
30)	YEAR OF AADT	2000	-
19)	DETOUR LENGTH	006 MI	- MI
***** NAVIGATIONAL DATA *****		CURRENT	NEW
38)	NAVIGATIONAL CONTROL	0	-
111)	PIER PROTECTION	N	-
39)	NAVIGATION VERT CLEARANCE	0.0 FT	- FT
116)	MIN NAV VERT CLEAR VERT-LIFT-BRIDGE	0.0 FT	- FT
40)	NAVIGATION HORIZONTAL CLEARANCE	0.0 FT	- FT

S C R E E N 4

***** INSPECTION DATA *****		CURRENT	NEW
90)	ROUTINE INSPECTION DATE	08 2004	XXXXXXX
217)	INTERIM INSPECTION DATE	?? ????	XXXXXXX
91)	INSPECTION FREQUENCY	24	-
92)	CRITICAL FEATURE INSPECTION		
	A) FRACTURE CRITICAL DETAIL	Y 24	-
	B) UNDERWATER INSPECTION	N 00	-
	C) OTHER SPECIAL INSPECTION	N 00	-
	D) SPECIAL INSPECTION TYPE	0 0 0 0	-
93)	CRITICAL FEATURE INSPECTION DATE		
	A) FRACTURE CRITICAL DETAIL (MO/YR)	12 2002	<u>12 2004</u>
	B) UNDERWATER INSPECTION (MO/YR)	00 0000	-
	C) SPECIAL INSPECTION (MO/YR)	00 0000	-
218)	TOTAL HOURS FOR UNDERWATER INSPECTION	0000	-
219)	SNOOPER INSPECTION REQUIRED/FREQUENCY	N 00	-
220)	LAST SNOOPER INSPECTION DATE (MO/CYYR)	00 0000	-
221)	TOTAL HOURS FOR SNOOPER INSPECTION	0000	-
222)	SPECIAL EQUIPMENT USED	0	-
223)	TOTAL HOURS OF LAST INSPECTION	0004	-
224)	SCOUR INSPECTION FREQUENCY	Y 24 0	-
	SCOUR INSPECTION DATE (MO/YR)	08 2004	<u>12 2004</u>
225)	SCOUR ACTION REQUIRED		
	A) COUNTERMEASURES PLANNED	N 00 0000	-
	B) COUNTERMEASURES COMPLETED	00 0000	-

S C R E E N 6A

***** STRUCTURE TYPE *****		CURRENT	NEW
43)	MAIN STRUCTURE TYPE CODE	1 11	—
45)	NUMBER OF SPANS IN MAIN UNIT	001	—
44)	APPROACH STRUCTURE CODE	1 00	—
46)	NUMBER OF APPROACH SPANS	0002	—
234)	APPROACH ROAD/SLAB TYPE	3	—
107)	DECK STRUCTURE TYPE	9	—
108)	WEARING SURFACE		—
	A) TYPE OF SURFACE	1	—
	B) TYPE OF MEMBRANE	8	—
	C) TYPE OF DECK PROTECTION	8	—
235)	EXPANSION JOINT		—
	A) JOINT TYPE	7 N N N	—
	B) FILLER/SEAL	1 N N N	—
	C) MVMT CLASS	1 N N N	—
236)	BEARING TYPE	NN NN NN NN	—
237)	CULVERT TYPE	NN	—

S C R E E N 6B

***** STRUCTURE TYPE *****		CURRENT	NEW
238)	FIELD SPLICE TYPE	N	—
239)	RAIL TYPE		—
	A) BRIDGE	2	—
	B) TRANSITION	06	—
	C) APPROACH	5	—
	D) END TREATMENT	2	—
240)	FRACTURE CRITICAL GROUP NUMBER		—
	A) STRUCTURE	3	—
	B) SUPPORT	1	—
241)	FRACTURE CRITICAL SPAN NUMBER		—
	A) SPAN TYPE	M	—
	B) SPAN NUMBER	999	—
242)	FRACTURE CRITICAL MEMBER	TWO GIRDER ARCH	—
243)	FRACTURE CRITICAL DETAIL	TWO GIRDER ARCH	—

S C R E E N 8B

***** LOAD RATING AND POSTING *****		CURRENT	NEW
41)	POSTING STATUS	A	
70)	POSTING LEVEL	5	
257)	REASON POSTED	N N	
258)	LAST POST CHANGE REASON/DATE	N 00 0000	
259)	POSTING CHART INDICATOR	?	
260)	POSTED LOAD RATING SIGNS		
	A) REQUIRED?	N	
	B) PRESENT?	N	
	C) VISIBLE?	N	
	D) LEGIBLE?	N	
261)	DATE OF TEMPORARY STRENGTHENING	00 0000	
262)	TYPE OF TEMPORARY STRENGTHENING	N N	
263)	CONTROLLING MEMBER		
	A) TYPE	?	
	B) FATIGUE RELATED	?	
264)	EBIT RECOMMENDATION	? ?	
265)	STANDARD DRAWINGS - MAIN SPAN	?????????? ?	
266)	STANDARD DRAWINGS - APPROACH SPAN	?????????? ?	

S C R E E N 9

***** PAINTING INFORMATION *****		CURRENT	NEW
267)	DATE LAST PAINTED	NN MNNN	
268)	PAINTABLE SURFACE AREA	NNNNNNN F2	F2
269)	PAINT COLOR	NNNNNNNNNNNNNNNNNNNN	
270)	TYPE CLEANING	N	
271)	TYPE PAINT		
	A) PRIMER	N	
	B) INTERMEDIATE	N	
	C) FINISH	N	
	E) UNDERCOAT	N	
272)	PAINT THICKNESS		
	A) PRIMER	NNNN MILS	MILS
	B) INTERMEDIATE	NNNN MILS	MILS
	C) FINISH	NNNN MILS	MILS
	D) UNDERCOAT	NNNN MILS	MILS
273)	PAINT EXTENT	N	
274)	PAINT COST	00000	

S C R E E N 10

*****CONDITION INFORMATION*****			CURRENT	NEW
58)	DECK		5	XXXXXXXXXX
59)	SUPERSTRUCTURE		5	XXXXXXXXXX
60)	SUBSTRUCTURE		5	XXXXXXXXXX
61)	CHANNEL & CHANNEL PROTECTION		7	XXXXXXXXXX
62)	CULVERTS		N	XXXXXXXXXX
275)	APPROACH ROADWAY CONDITION		5	XXXXXXXXXX
276)	OVERALL PAINT CONDITION		N	XXXXXXXXXX
277)	AIR TEMPERATURE - FAHRENHEIT		88	XXXXXXXXXX
278)	EXPANSION JOINT OPENING (WORST)		4	XXXXXXXXXX
279)	MAX HORIZ JT MISALIGNMENT WORST		8	XXXXXXXXXX
280)	MAX VERT JT MISALIGNMENT WORST		9	XXXXXXXXXX

S C R E E N 11

*****APPRAISAL INFORMATION*****			CURRENT	NEW
67)	STRUCTURAL EVALUATION		4	XXXXXXXXXX
68)	DECK GEOMETRY		2	XXXXXXXXXX
69)	UNDERCLEARANCES, VERT & HORIZ		N	XXXXXXXXXX
71)	WATERWAY ADEQUACY		7	XXXXXXXXXX
72)	APPROACH ROADWAY ALIGNMENT		5	XXXXXXXXXX
36)	TRAFFIC SAFETY FEATURES			
A)	BRIDGE RAILINGS		0	XXXXXXXXXX
B)	TRANSITIONS		0	XXXXXXXXXX
C)	APPROACH GUARDRAIL		1	XXXXXXXXXX
D)	APPROACH GUARDRAIL ENDS		1	XXXXXXXXXX
113)	SCOUR CRITICAL BRIDGES		8 A	

S C R E E N 12

***** DEFICIENCY POINTS AND RANKING **			CURRENT	NEW
281)	HRRP ELIGIBILITY STATUS		1	
282)	SPECIAL CONSIDERATION FLAG		N	
283)	SPECIAL CONDITION DEFICIENCY POINT		0	
284)	LOAD DEFICIENCY POINTS		40.0	XXXXXXXXXX
285)	WIDTH DEFICIENCY POINTS		10.0	XXXXXXXXXX
286)	VERTICAL CLEARANCE DEFICIENCY POINTS		0.0	XXXXXXXXXX
287)	PHYSICAL CONDITION DEFICIENCY POINTS		0.0	XXXXXXXXXX
288)	TOTAL DEFICIENCY POINTS		50.0	XXXXXXXXXX
289)	BRIDGE RANKING			
	LOCAL		0023	XXXXXXXXXX
	STATEWIDE		00000118	XXXXXXXXXX
SUFFICIENCY RATING STATUS			43.7	
			2	

S C R E E N 13

***** PROPOSED IMPROVEMENTS *****

	CURRENT	NEW
75) TYPE OF WORK	31.1	
76) LENGTH OF STRUCT. IMPROVE.	157.8 FT	___ FT
94) BRIDGE IMPROVEMENT COST IN 1000\$	\$ 451	_____
95) ROADWAY IMPROVEMENT COST IN 1000\$	\$ 45	_____
290) CALCULATED INCIDENTAL COST	\$ 180	_____
96) TOTAL PROJECTED COST IN 1000\$	\$ 676	_____
97) YEAR OF IMPROV. COST ESTIMATE	2004	_____
114) FUTURE AADT	5140	_____
115) YEAR OF FUTURE AADT	2020	_____
291) REPLACEMENT COST FACTORS		
A) COST/M2 DECK	0.000	XXXXXXXXXX
B) CULVERTS COST/M2 TOP SLAB	0.000	XXXXXXXXXX
C) APPROACH COST FACTOR	0.0	XXXXXXXXXX
D) TOTAL PROJECT COST FACTOR	0.0	XXXXXXXXXX

Robert Payne 12-10-04 87 OR _____
 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. ALA. PROF. ENGR. NO.
Will E. Bl... 11/25/05 J.M.
 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00

DATE PRT: 12/03/2004

DIVISION: 01

PRV INSP: JIMMY MCCORRY

PRV DATE: 08/04/2004

PRV INSP TYPE: REG

NEW DATE: 12-10-04

NEW INSP TYPE: R

*****58--DECK*****

	CURRENT	NEW
1. RIDING SURFACE	5	<u>5</u>
2. DECK-STRUCTURAL	5	<u>5</u>
3. CURBS	5	<u>5</u>
4. MEDIAN	N	<u>N</u>
5. SIDEWALKS	N	<u>N</u>
6. RAILING	5	<u>4</u>
7. PAINT	N	<u>N</u>
8. DRAINS	6	<u>6</u>
9. LIGHTING STANDARDS	N	<u>N</u>
10. UTILITIES	N	<u>N</u>
11. JOINT LEAKAGE	N	<u>N</u>
12. EXPANSION JOINTS/DEVICES	5	<u>5</u>
13. COLLISION DAMAGE	4	<u>4</u>
OVERALL RATING	5	<u>5</u>

REMARKS: MEDIUM TO HEAVY SCALE AREAS ALL SPANS. FACES OF CURBS & RAILS SPALLING & CRACKED FROM COLLISION. OPEN TRANS. CRACKS IN SPAN 3. EXP JOINTS RAVELIN G. LIGHT RFF SEEPAGE W/MINOR SPALLS DECK BOTTOM. LT RAIL SPANS COLL. DAMG

*****59--SUPERSTRUCTURE*****

	CURRENT	NEW
1. BEARING DEVICES		
A) ELASTOMERIC	N	<u>N</u>
B) BRONZE	N	<u>N</u>
C) STEEL	N	<u>N</u>
D) POT/DISK	N	<u>N</u>
E) OTHER	6	<u>6</u>
2. STRINGERS, GIRDERS, BEAMS & DECK SLABS		
A) CONCRETE	5	<u>5</u>
B) STEEL	N	<u>N</u>
C) TIMBER	N	<u>N</u>
3. FLOOR BEAMS	N	<u>N</u>
4. DIAPHRAGMS & CROSS FRAMES	6	<u>6</u>
5. TRUSSES		
A) GENERAL	N	<u>N</u>
B) PORTALS	N	<u>N</u>
C) BRACING	N	<u>N</u>
6. PAINT	N	<u>N</u>
7. MACHINERY (MOVABLE SPANS)	N	<u>N</u>
8. RIVETS OR BOLTS	N	<u>N</u>
9. WELDS-CRACKING	N	<u>N</u>
10. COLLISION DAMAGE	8	<u>8</u>
11. DEFLECTION UNDER LOAD	7	<u>7</u>
12. ALIGNMENT OF MEMBERS	7	<u>7</u>
13. VIBRATION UNDER LOAD	7	<u>7</u>
OVERALL RATING	5	<u>5</u>

REMARKS: MINOR SPALLING ON ARCHES. DIAPHRAGMS CRACKED W/AREAS SPALLING. VERTICAL SUPPORT POST SPALLING W/REBAR AND VERTICAL & HORIZONTAL CRACKS IN SUPP ORTS.

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00
 DIVISION: 01

DATE PRT: 12/03/2004

****60--SUBSTRUCTURE*****		CURRENT	NEW
1.	ABUTMENTS		
A)	CAPS	6	<u>6</u>
B)	WINGS	6	<u>6</u>
C)	BACKWALL	N	<u>N</u>
D)	FOOTING/DRILLED SHAFT	N	<u>N</u>
E)	PILES		
1)	PRESTRESSED CONCRETE	N	<u>N</u>
2)	STEEL	N	<u>N</u>
3)	TIMBER	N	<u>N</u>
F)	EROSION/SCOUR	4	<u>4</u>
G)	SETTLEMENT	7	<u>7</u>
2.	PIERS OR BENTS		
A)	CAPS	7	<u>6</u>
B)	COLUMNS	5	<u>5</u>
C)	FOOTING/DRILLED SHAFT	N	<u>N</u>
D)	PILES		
1)	PRESTRESSED CONCRETE	N	<u>N</u>
2)	STEEL	N	<u>N</u>
3)	TIMBER	N	<u>N</u>
E)	SCOUR	7	<u>7</u>
F)	SETTLEMENT	8	<u>8</u>
G)	BRACING	N	<u>N</u>
3.	DEBRIS ON SEATS	6	<u>6</u>
4.	PAINT	N	<u>N</u>
5.	COLLISION DAMAGE	8	<u>8</u>
	OVERALL RATING	5	<u>5</u>

REMARKS: RIP-RAP BEHN PLACED IN FRONT OF ABUTS. EROSION BACK UNDER BOTH ABUTS, W/
 FILL SETTLEMENT, NEEDS ATTENTION.

**61--CHANNEL & CHANNEL PROTECTION*		CURRENT	NEW
1.	CHANNEL SCOUR	7	<u>7</u>
2.	EMBANKMENT EROSION	5	<u>5</u>
3.	DRIFT	8	<u>8</u>
4.	VEGETATION	6	<u>6</u>
5.	CHANNEL MIGRATION	7	<u>7</u>
6.	PIER PROTECTION	N	<u>N</u>
7.	SPUR DIKES & JETTIES	N	<u>N</u>
8.	RIP RAP	N	<u>N</u>
9.	ADEQUACY OF OPENING	7	<u>7</u>
10.	ALIGNMENT WITH STRUCTURE	7	<u>7</u>
	OVERALL RATING	7	<u>6</u>

REMARKS: H.W. DEBRIS ON ARCHES. EROSION OF CHANNEL

BIN: 000543 1 REC STR NUM: 0 AL0117 25 0004.979 00
DIVISION: 01

DATE PRT: 12/03/2004

	CURRENT	NEW
*****MISCELLANEOUS*****		
277. AIR TEMP @MEASUREMENT TIME, FAREN.	88	50
278. EXPANSION JOINT OPENING, WORST	4	4
279. MAX HOR MIS-ALIGNMENT AT JOINT	8	8
280. MAX VERT MIS-ALIGNMENT AT JOINT	9	8
275. APPROACH ROADWAY CONDITION	5	4
276. OVERALL PAINT CONDITION	N	N
71. WATERWAY ADEQUACY	7	7
72. APPROACH ROADWAY ADEQ APPRAISAL	5	5
36. TRAFFIC SAFETY FEATURES		
A. BRIDGE RAIL	4	4
B. TRANSITION	4	4
C. APPROACH RAIL	8	8
D. END TREATMENT	8	8
260. POSTED LOAD RATING SIGNS:		
A) REQUIRED	N	N
B) PRESENT	N	N
C) VISIBLE	N	N
D) LEGIBLE	N	N

*Fill settlement both Approaches
Bad depression LT End Bridge
end. Shoulders needs clipped
so water can drain.*

REASON FOR INSP. Fracture Critical 24 months

INSPECTION AGENCY CODE 1

INSPECTOR'S SIGNATURE Ralph Payne DATE 12-10-04 INSP. NBIS CERT. NO. 87 OR ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE William S. Baker DATE 12/10/05 REVIEWER'S TITLE Trm.

ALABAMA DEPARTMENT OF TRANSPORTATION DATE: 12/03/2004
 BRIDGE MAINTENANCE ESTIMATE
 (FORM BI-9)

BIN:000543 STR.NUM.: 0 AL0117 25 0004.979 00 DIV/DIST:01/03
 INSPECTED BY: R. Payne DATE: 12-14-04
 REVIEWED BY: Will S. BL PE DATE: 11/3/05

CURRENT DATA ON FILE

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B01	DECK CLEANING	HR	8.0	R	

NC: REMARK: DEBRIS IN CURBLINES AND IN DRAINS, SHOULD BE REMOVE
 REMARK: D

C: NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

B38	OTHER STRUCTURE MAIN	HR	100.0	P	
-----	----------------------	----	-------	---	--

NC: REMARK: FILL SETTLEMENT AT BOTH BRIDGE ENDS, SHOULD BE FILL
 REMARK: ED AND LEVELED. *Should as should be clipped.*

C: NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

