

# Bridge Inspection Report

**05973**

**SH 356/Cleburne Co  
over  
MILL CREEK**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

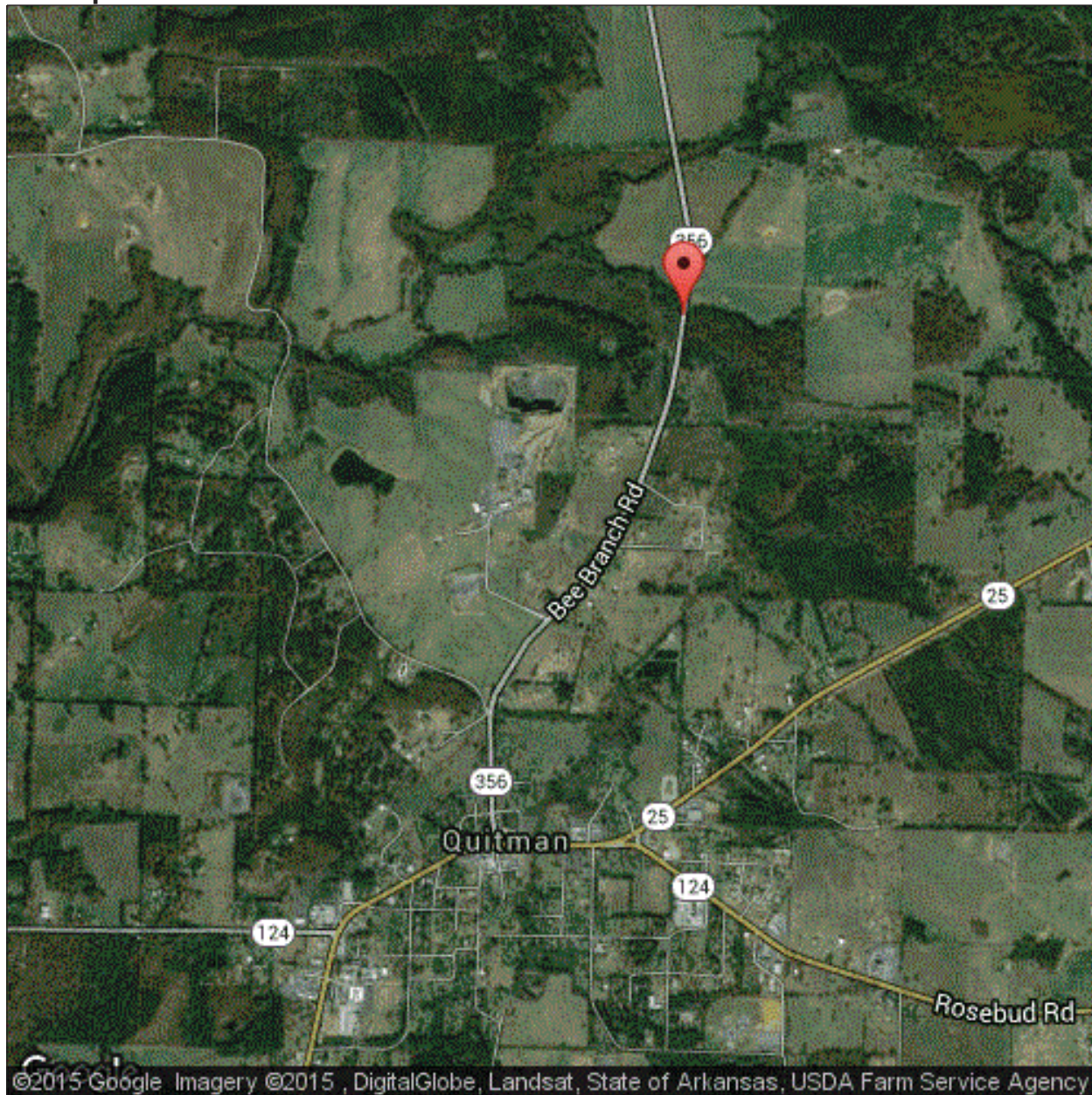
Inspection Date:

Structure Number: 05973

Facility Carried: SH 356/Cleburne  
Co

## Bridge Inspection Report

### Location Map



Latitude: 35.40099

Longitude: -92.20869

**Inspector:**

**Inspection Date:**

**Structure Number:** 05973

**Facility Carried:** SH 356/Cleburne  
Co

## Bridge Inspection Report

### Executive Summary

Log Mile running South.

Inspector:

Structure Number: 05973

Inspection Date:

Facility Carried: SH 356/Cleburne Co

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION						INSPECTIONS		
(1) STATE CODE	056 - Arkansas					(90) INSPECTION DATE	02/03/2016	
(8) STRUCTURE NUMBER	05973					(91) DESIGNATED INSPECTION FREQUENCY	24	
(5) INV. ROUTE (ON/UNDER)	1	3	1	356	0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE	
(2) HIGHWAY AGENCY	05	(3) COUNTY CODE	023				A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000					B. UNDERWATER INSPECTION	N	
(6) FEATURES INTERSECTED	MILL CREEK					C. OTHER SPECIAL	N	
(7) FACILITY CARRIED	SH 356/Cleburne Co					CONDITION		
(9) LOCATION	1.3 MI N JCT SH25					(58) DECK	8	
(11) MILEPOINT	3.510	(12) BASE HIGHWAY NETWORK	0				(59) SUPERSTRUCTURE	8
(13A) LRS INVENTORY ROUTE	0000000000		(13B) SUBROUTE NUMBER	00		(60) SUBSTRUCTURE	7	
(16) LATITUDE	35.40099	(17) LONGITUDE	-92.20869				(61) CHANNEL & CHANNEL PROTECTION	8
(98A) BORDER BRIDGE CODE						(62) CULVERT	N	
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT					LOAD RATING AND POSTING		
STRUCTURE TYPE AND MATERIAL						(31) DESIGN LOAD	4	
(43) STRUCTURE TYPE, MAIN						(63) METHOD USED TO DETERMINE OPERATING RATING	1	
A) KIND OF MATERIAL/DESIGN:	1 - Concrete					(64) OPERATING RATING	52.0	
B) TYPE OF DESIGN/CONSTR:	01 - Slab					(65) METHOD USED TO DETERMINE INVENTORY RATING	1	
(44) STRUCTURE TYPE, APPROACH SPANS						(66) INVENTORY RATING	31.0	
A) KIND OF MATERIAL/DESIGN:	0 - Other					(70) BRIDGE POSTING	5	
B) TYPE OF DESIGN/CONSTR:	00 - Other					(41) STRUCTURE OPEN/POSTED/CLOSED	A	
(45) NUMBER OF SPANS IN MAIN	4	(46) NUMBER OF APPROACH	0			APPRAISAL		
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	1			(67) STRUCTURAL EVALUATION	7	
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0			(68) DECK GEOMETRY	4	
AGE OF SERVICE						(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N	
(27) YEAR BUILT	1984	(106) YEAR RECONSTRUCTED	0000			(71) WATERWAY ADEQUACY	8	
(42) TYPE OF SERVICE	ON 1	UNDER 5				(72) APPROACH ROADWAY ALIGNMENT	8	
(28) LANES	ON 02	UNDER 00				(36) TRAFFIC SAFETY FEATURE		
(29) AVERAGE DAILY TRAFFIC	2100	(19) BYPASS DETOUR LENGTH	20			36A) BRIDGE RAILINGS:	1	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014						36B) TRANSITIONS:	1
(109) AVERAGE DAILY TRUCK TRAFFIC	1						36C) APPROACH GUARDRAIL:	0
GEOMETRIC DATA						36D) APPROACH GUARDRAIL ENDS:	1	
(48) LENGTH OF MAX SPAN (ft.)	35	(49) STRUCTURE LENGTH (ft.)	140			(113) SCOUR CRITICAL BRIDGES	8	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT 0				SUFFICIENCY RATING	0	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)						STATUS	91.8	
(52) DECK WIDTH, OUT-TO-OUT (ft.)						32.2		
(32) APPROACH ROADWAY WIDTH (ft.)						34.8		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	30			(12) NBIS BRIDGE LENGTH	Y	
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)						(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07	
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)						(100) STRAHNET HIGHWAY DESIGNATION	0	
(54) VERTICAL UNDER CLEARANCE (ft.)	N	0				(101) PARALLEL STRUCTURE DESIGNATION	N	
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N	99.9				(102) DIRECTION OF TRAFFIC	2	
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0						(103) TEMP STRUCTURE	
PROPOSED IMPROVEMENTS						(105) FEDERAL LANDS HIGHWAYS	0	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY					(110) DESIGNATED NATIONAL NETWORK	0	
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0					(20) TOLL	3	
(94) BRIDGE IMPROVEMENT COST (\$)	0					(21) MAINTENANCE RESPONSIBILITY	01	
(95) ROADWAY IMPROVEMENT COST (\$)	0					(22) OWNER	01	
(96) TOTAL PROJECT COST	0					(37) HISTORICAL	5	
(97) YEAR OF IMPROVEMENT COST ESTIMATE						NAVIGATION DATA		
(114) FUTURE ADT	3351	(115) YEAR OF FUTURE ADT	2028			(38) NAVIGATION CONTROL	0	
						(111) PIER OR ABUTMENT PROTECTION	1	
						(39) NAV VERT CLEARANCE (ft.)	0	
						(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0	
						(40) NAV HORIZONTAL CLEARANCE (ft.)	0	

Inspector:

Structure Number: 05973

Inspection Date:

Facility Carried: SH 356/Cleburne  
Co

## Bridge Inspection Report

## Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>38 - Reinforced Concrete Slab</b>	1- Ben.	4853	sq. ft.	4847	6	0	0
	A few minor cracks to deck. Efflorescent cracking to outside of deck.						
1120 - Efflorescence/Rust Staining		6			6		
<b>205 - Reinforced Concrete Column</b>	1- Ben.	6	each	6			
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	98	ft.	98			
<b>234 - Reinforced Concrete Pier Cap</b>	1- Ben.	125	ft.	123	0	2	0
	2' x 2' x 3" deep spall with 1' rebar exposed to Cap @ Bent 2 over Column 1.						
1090 - Exposed Rebar		2				2	
<b>301 - Pourable Joint Seal</b>	1- Ben.	111	ft.	0	111	0	0
	Joints are losing adhesion.						
2320 - Seal Adhesion		111			111		
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	280	ft.	280			

Inspector:

Inspection Date:

Structure Number: 05973

Facility Carried: SH 356/Cleburne  
Co

## Bridge Inspection Report

### Pictures



No asphalt overlay on the  
deck





Efflorescent cracking to outside of deck at Abutment 2

Inspector:

Inspection Date:

Structure Number: 05973

Facility Carried: SH 356/Cleburne  
Co

### Bridge Inspection Report

#### Maintenance Needs

Date Reported: 02/03/2016

Priority: D - Routine

Work Code: Repair

---

#### Deficiency Description:

Cap @ Bent 2 Ahead over Column 1  
2'x2'x3" deep spall with 1' of exposed rebar.

#### Work Description:

---

Date Repairs Completed:

Maintenance Comments:

---

Stage: Assigned



PHOTO 1      Description      Cap @ Bent 2 Ahead over Column 1  
2'x2'x3" deep spall with 1' of exposed  
rebar.