



Latitude:35.11859, Longitude:-92.46014

Route:25 Section:00 Log:0.16

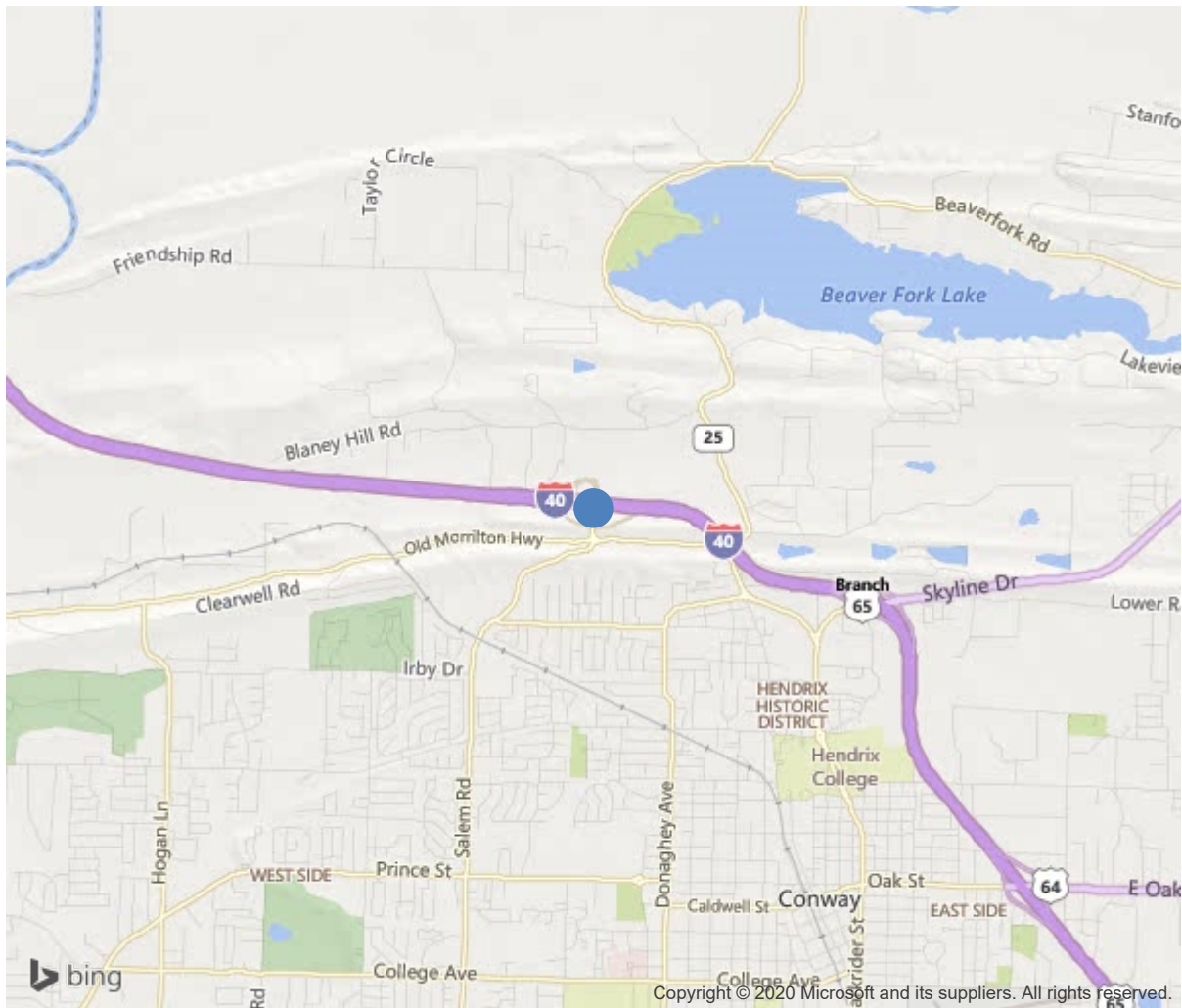
Arnold Road ID:23x25x0xA, Arnold Log mile:0.158

District 08, Faulkner County

Owner: 1-State Highway Agency

Place Code: 14560 - CONWAY

Jct. SH 25 & I-40



35.11859, -92.46014



Bridge #07055(Routine)

SH 25 over I 40-SEC 32

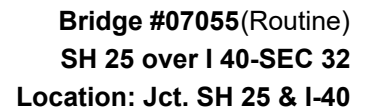
Location: Jct. SH 25 & I-40

Team Lead: Bruce Bryan Inspection Date: January 14, 2019

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07055
(5) Inventory Route	25
(2) Highway Agency District	08
(3) County Code	45-Faulkner County, Arkansas
(4) Place Code	14560
(6) Features Intersected	I 40-SEC 32
(7) Facility Carried	SH 25
(9) Location	Jct. SH 25 & I-40
(11) Mile Point	0.16 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.11859
(17) Longitude	-92.46014
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4-Steel continuous
Type	2-Stringer/Multi-beam or girder
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	2
(46) No. of Approach Spans	0
(107) Deck Structure Type	1-Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1-Monolithic Concrete (concurrently placed
Type of Membrane	0-None
Type of Deck Protection	1-Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2006
(106) Year Reconstructed	0
(42) Type of Service	11
On	1-Highway
Under	1-Highway, with or without pedestrian
(28) Lane	
On	2
Under	5
(29) Average Daily Traffic	2546
(30) Year of ADT	2018
(109) Truck ADT	14 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	149 ft
(49) Structure Length	300.2 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	51.8 ft
(52) Deck Width Out to Out	55 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	51.8 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	17.5 ft
Ref:	
(55) Min Lat Underclear RT	36 ft
Ref:	
(56) Min Lat Underclear LT	46.8 ft
NAVIGATION DATA	
(38) Navigation Control	N-Not applicable, no waterway.
(111) Pier Protection	5-None present but re-evaluation
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	0 ft

CLASSIFICATION			
(112) NBIS Bridge Length			Y
(104) Highway System			0
(26) Functional Class		16-Urban Minor Arterial	
(100) Defense Highway		0-The inventory route is not a S	
(101) Parallel Structure		N-No parallel structure exists.	
(102) Direction of Traffic		2 - way traffic	
(103) Temporary Structure			
(105) Federal Lands Highways		0-N/A	
(110) Designated National Network		0-The inventory route is not part of	
(20) Toll		3-On free road. The structure is toll-	
(21) Maintain		1-State Highway Agency	
(22) Owner		1-State Highway Agency	
(37) Historical Significance		4-Historical significance is not dete	
CONDITION			
(58) Deck			7
(59) Superstructure			7
(60) Substructure			7
(61) Channel & Channel Protection			N
(62) Culverts			N
LOAD RATING AND POSTING			
(31) Design Load		5-MS 18 / HS 20	
(63) Operating Rating Method			1
(64) Operating Rating			
Type		1-Load Factor(LF)	
Rating			60
(65) Inventory Rating Method		1-Load Factor(LF)	
(66) Inventory Rating			
Type			2
Rating			36
(70) Bridge Posting		5-Equal to or above legal loads	
(41) Structure Open/Posted/Closed		A-Open, no restriction	
APPRAISAL			
(67) Structural Evaluation			7
(68) Deck Geometry			9
(69) Clearances, Vertical/Horizontal			9
(71) Waterway Adequacy			N
(72) Approach Roadway Alignment			8
(36) Traffic Safety Features			1111
A) Bridge Railings		1-Inspected feature meets currently a	
B) Transitions		1-Inspected feature meets currently a	
C) Approach Guardrail		1-Inspected feature meets currently a	
D) Approach Guardrail Ends		1-Inspected feature meets currently a	
(113) Scour Critical Bridges		N-Bridge not over waterway.	
PROPOSED IMPROVEMENTS			
(75) Type of Work			
(76) Length of Structure Improvement			0 ft
(94) Bridge Improvement Cost			\$ 0
(95) Roadway Improvement Cost			\$ 0
(96) Total Project Cost			\$ 0
(97) Year of Improvement Cost Estimate			
(114) Future ADT			13196
(115) Year of Future ADT			2027
INSPECTIONS			
(90) Inspection Date			201901
(91) Frequency			24 Months
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No	24	
B: Underwater Inspection	No	0	
C: Other Special Inspection	No	0	

SUFFICIENCY RATING	98.6
STATUS (SD/FO/None)	Not Deficient



ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	16440	15000	1440	0	0
1130	Cracking (RC and Other)	SF	1440	0	1440	0	0
(12)							
MINOR CRACKING THROUGHOUT. ROUGH FINISH IN SOME AREAS. MINOR CRACKING W / EFFLOR. IN OVERHANGS. EFFLOR LEAKING OUT AROUND STAY IN PLACE FORMS IN SOFFIT.							
107	Steel Open Girder/Beam	LF	1788	1788	0	0	0
515	Steel Protective Coating	SF	28887	28887	0	0	0
205	Reinforced Concrete Column	EA	3	3	0	0	0
215	Reinforced Concrete Abutment	LF	110	110	0	0	0
(215)							
MINOR VERTICAL CRACKING.							
234	Reinforced Concrete Pier Cap	LF	52	52	0	0	0
300	Strip Seal Expansion Joint	LF	110	110	0	0	0
310	Elastomeric Bearing	EA	18	18	0	0	0
515	Steel Protective Coating	SF	18	18	0	0	0
321	Reinforced Concrete Approach Slab	SF	3910	3810	40	60	0
1080	Delamination/Spall/Patched Area	SF	60	0	0	60	0
1130	Cracking (RC and Other)	SF	40	0	40	0	0
(321)							
MINOR CRACKING THROUGHOUT. MINOR TO MODERATE DELAM, CRACKING & SPALLING IN APPROACH SLAB AT ABUTMENT 1 (SOUTH END) ON LT. & RT. SIDES. NEW APPROACH SLAB AT ABUTMENT 4 (NORTH END).							
331	Reinforced Concrete Bridge Railing	LF	600	400	200	0	0
1130	Cracking (RC and Other)	LF	200	0	200	0	0
(331)							
MINOR TO MODERATE VERTICAL CRACKING THROUGHOUT RAIL.							



Roadway



Bridge #07055(Routine)

SH 25 over I 40-SEC 32

Location: Jct. SH 25 & I-40

Team Lead: Bruce Bryan Inspection Date: January 14, 2019

Maintenance Needs



Bridge #07055(Routine)

SH 25 over I 40-SEC 32

Location: Jct. SH 25 & I-40

Team Lead: Bruce Bryan Inspection Date: January 14, 2019

Inspection Comments

-

Deck Notes

DECK - MINOR CRACKING THROUGHOUT. ROUGH FINISH IN SOME AREAS. MINOR CRACKING W / EFFLOR. IN OVERHANGS. EFFLOR LEAKING OUT AROUND STAY IN PLACE FORMS IN SOFFIT. RAIL - MINOR TO MODERATE VERTICAL CRACKING THROUGHOUT RAIL. SEALS - GOOD. SLABS - MINOR CRACKING THROUGHOUT. MINOR TO MODERATE DELAM, CRACKING & SPALLING IN APPROACH SLAB AT ABUTMENT 1 (SOUTH END) ON LT. & RT. SIDES. NEW APPROACH SLAB AT ABUTMENT 4 (NORTH END).

Superstructure Notes

6 BEAM PAINTED STEEL MULTI BEAM - GOOD. BEARINGS - GOOD

Substructure Notes

ABUTMENTS - MINOR VERTICAL CRACKING. COLUMNS - GOOD. CAPS - GOOD