



Latitude:33.46077, Longitude:-94.00810

Route:1970 Section:00 Log:2.05

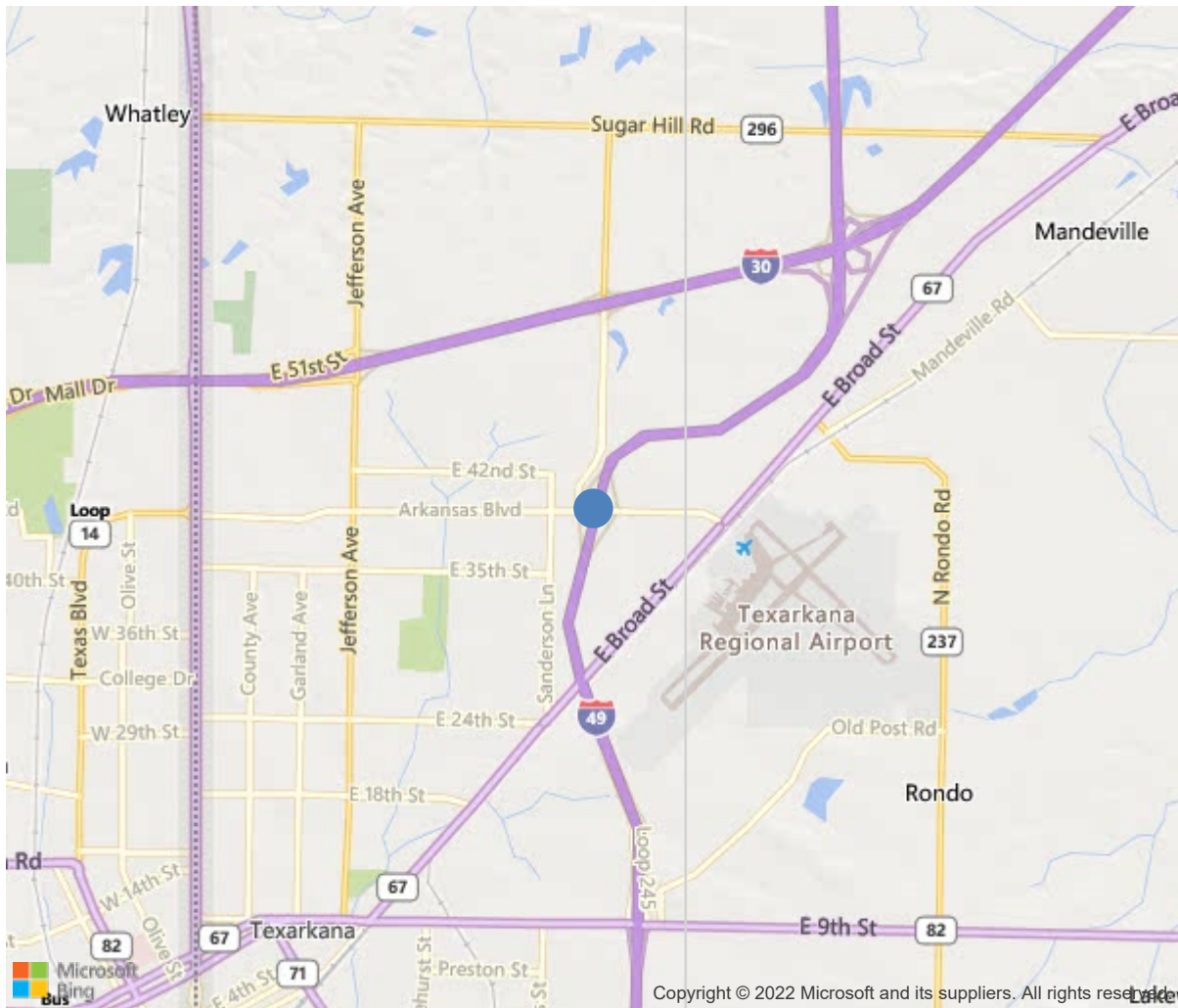
Arnold Road ID:46xARKANSASBLVDx1xA, Arnold Log mile:2.035

District 03, Miller County

Owner: 1-State Highway Agency

Place Code: 68810 - Texarkana

I 49 & AR BLVD



33.46077, -94.00810

Inspection Direction : W to E



Bridge #06430(Routine)

ARKANSAS BOULEVARD over I 49

Location: I 49 & AR BLVD

Team Lead: John King Inspection Date: August 10, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06430
(5) Inventory Route	1970
(2) Highway Agency District	03
(3) County Code	91-Miller County, Arkansas
(4) Place Code	68810
(6) Features Intersected	I 49
(7) Facility Carried	ARKANSAS BOULEVARD
(9) Location	I 49 & AR BLVD
(11) Mile Point	2.05 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.46077
(17) Longitude	-94.0081
(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	1993
(106) Year Reconstructed	0
(42) Type of Service	11
On	1-Highway
Under	1-Highway, with or without pedestrian
(28) Lane	
On	4
Under	4
(29) Average Daily Traffic	4700
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	116 ft
(49) Structure Length	234 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	60 ft
(52) Deck Width Out to Out	62.8 ft
(32) Approach Roadway Width (W/Shoulders)	64 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	60.7 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	16.58 ft
Ref:	
(55) Min Lat Underclear RT	16.6 ft
Ref:	
(56) Min Lat Underclear LT	17.8 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	8
(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	58
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	2
Rating	35
(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	5
(69) Clearances, Vertical/Horizontal	6
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	1-Inspected feature meets currently a
(36C) Approach Guardrail	1-Inspected feature meets currently a
(36D) 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	0
(114) Future ADT	5840
(115) Year of Future ADT	2011

INSPECTIONS *			
(90) Inspection Date	08/2021		
(91) Frequency	24 Months		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			



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ARKANSAS BOULEVARD over I 49

Location: I 49 & AR BLVD

Team Lead: John King, Inspection Date: August 10, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	1329	1329	0	0	0
(12)	Sealed deck cracks						
107	Steel Open Girder/Beam	LF	1856	1856	0	0	0
515	Steel Protective Coating	SF	20725	20075	650	0	0
3410	Chalking (Steel Protective Coatings)	SF	650	0	650	0	0
(107)	Outside of Beam 8 has some chalking on outside web...						
(107-515)	beams painted in 2011						
205	Reinforced Concrete Column	EA	3	3	0	0	0
215	Reinforced Concrete Abutment	LF	147	147	0	0	0
234	Reinforced Concrete Pier Cap	LF	189	189	0	0	0
300	Strip Seal Expansion Joint	LF	126	123	3	0	0
2310	Leakage	LF	1	0	1	0	0
2320	Seal Adhesion	LF	2	0	2	0	0
(300)	BENT 1 JOINT SEAL LEAKING RT OF CENTERLINE						
310	Elastomeric Bearing	EA	24	24	0	0	0
331	Reinforced Concrete Bridge Railing	LF	468	358	110	0	0
1130	Cracking (RC and Other)	LF	110	0	110	0	0



Typical cracking in the parapet wall



Deck photo



Bearings



Under photo



Deck photo



AI



AL



Deck



SS



Beam 1 stamp



Underside of deck typical all spans



Bridge #06430(Routine)

ARKANSAS BOULEVARD over I 49

Location: I 49 & AR BLVD

Team Lead: John King **Inspection Date:** August 10, 2021

Inspection Comments

9/16/2020...Added Item A-52 Permit vertical clearance.....8-10-21 AL,SS DECK AND UNDER DECK PHOTO TAKEN PER THIS INSPECTION

Deck Notes

12/20/2017...AL, SS, DECK PHOTOS TAKEN. LITTLE OR NO CHANGE IN CONDITION...8/13/2019...AL, SS, Deck photos taken. Cracking in concrete bridge railing. Chalking on beam 8, outside web. Sealed deck cracks...

Substructure Notes

Slope Protection: Concrete

Breastwall: Abutment caps