

## Bridge Data

### Identification data

Bridge Number (B.ID.01):	17207000000000	Agency Bridge ID:	17207
Bridge Name (B.ID.02):	4405 1038WX	Local ID:	-1
Feature Intersected:	S.H. 39 UNDER	Bridge Nickname:	I-35 OVER S.H. 39 UNDER
Past Bridge ID (B.ID.03):		Facility Carried:	I-35
Bridge notes:	HYDRO DEMOLITION OF EXISTING DECK IN 2011.		

### Location data

State Code (B.L.01):	40 Oklahoma	County Code (B.L.02):	MCCLAIN
City (B.L.03):	Unknown	Highway Agency District (B.L.04):	Division 3
Metro Planning Org 1 (B.L.12):	N Not in an MPO	County Districts:	Unknown
Bridge Location (B.L.11):	JCT I-35 & SH 39	Latitude (B.L.05):	34.998506
		Longitude (B.L.06):	-97.375172

### Border data

Designated Lead State (B.L.10):		Border Bridge Number (B.L.07):	-
Border State or Country (B.L.08):		Border Insp. Responsibility (B.L.09):	

### Classification data

Owner (B.CL.01):	S01 State transportation department	Maintenance Responsibility (B.CL.02):	S01 State transportation department
Federal or Tribal Land Access (B.CL.03):	N	Historical Significance (B.CL.04):	N Not eligible & not in historic eligible district
Toll (B.CL.05):	N Does not carry toll road and is not toll bridge	Emergency Evacuation Designation (B.CL.06):	Y Emergency evacuation route

### Construction data

Year Built (B.W.01):	1968		
Design Load (B.LR.01):	HS-20	Design Method (B.LR.02):	LFD Load Factor Design

### Geometry data

NBIS Bridge Length (B.G.01):	103.90	Total Bridge Length (B.G.02):	107.90
Maximum Span Length (B.G.03):	47.50	Minimum Span Length (B.G.04):	30.00
Bridge Width Out-to-Out (B.G.05):	40.00	Bridge Width Curb-to-Curb (B.G.06):	38.00
Left Curb or Sidealk Width (B.G.07):	0.00	Right Curb or Sidewalk Width (B.G.08):	0.00
Approach Roadway Width (B.G.09):	38.00	Bridge Median (B.G.10):	1 Open median
Skew (B.G.11):	8	Curved Bridge (B.G.12):	N Not curved
Maximum Bridge Height (B.G.13):	14	Sidehill Bridge (B.G.14):	N Not a sidehill bridge
Irregular Deck Area (B.G.15):	4,283.60	Calculated Deck Area (B.G.16):	4,316.00

## Design Data

### Superstructure set data

#### A01 - Superstructure - Type: A Approach

Number of Spans (B.SP.02):	2	Number of Beam Lines (B.SP.03):	1
Span Material (B.SP.04):	S01 Steel - rolled shapes	Span Continuity (B.SP.05):	1 Simple or single span
Span Type (B.SP.06):	G02 Girder/beam - I-shaped spread	Span Protective System (B.SP.07):	C01 Coating - paint
Deck Interaction (B.SP.08):	CU Composite - unshored construction	Deck Material & Type (B.SP.09):	C01 Reinforced concrete - cast-in-place
Wearing Surface (B.SP.10):	C03 Concrete - latex modified	Deck Protective System (B.SP.11):	0 None
Deck Reinforcing Protective System (B.SP.12):	RX Reinforcing - other	Deck Stay-in-Place Forms (B.SP.13):	0 None

#### M01 - Superstructure Set 3 - 3440 - Type: M Main

Number of Spans (B.SP.02):	1	Number of Beam Lines (B.SP.03):	1
Span Material (B.SP.04):	S01 Steel - rolled shapes	Span Continuity (B.SP.05):	1 Simple or single span
Span Type (B.SP.06):	G02 Girder/beam - I-shaped spread	Span Protective System (B.SP.07):	C01 Coating - paint
Deck Interaction (B.SP.08):	CU Composite - unshored construction	Deck Material & Type (B.SP.09):	C01 Reinforced concrete - cast-in-place
Wearing Surface (B.SP.10):	C03 Concrete - latex modified	Deck Protective System (B.SP.11):	0 None
Deck Reinforcing Protective System (B.SP.12):	RX Reinforcing - other	Deck Stay-in-Place Forms (B.SP.13):	0 None

### Substructure set data

#### A01 - Abutment - Type: A Abutment

Number of Sub Units (B.SB.02):	2	Substructure Material (B.SB.03):	C01 Reinforced concrete - cast-in-place
Substructure Type (B.SB.04):	A02 Abutment - stub	Substructure Protective System (B.SB.05):	0 None
Foundation Type (B.SB.06):	P03 Pile - concrete	Foundation Protective System (B.SB.07):	0 None

#### P01 - Pier - Type: P Pier or Bent

Number of Sub Units (B.SB.02):	2	Substructure Material (B.SB.03):	C01 Reinforced concrete - cast-in-place
Substructure Type (B.SB.04):	P03 Pier - multiple column	Substructure Protective System (B.SB.05):	0 None
Foundation Type (B.SB.06):	P03 Pile - concrete	Foundation Protective System (B.SB.07):	0 None

## Feature Data

### I-35

Feature Name (B.F.03):	I-35	Feature Type (B.F.01):	H Highway
Feature Location (B.F.02):	C		

### Route Information

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)
R01	35	NS Northbound and Southbot	1 Interstate route	1 Mainline

### Highway Information

LRS Route ID (B.H.06):	4400005HW0000	LRS Data as of Date:	
LRS Mile Point (B.H.07):	25.736	Lanes on Highway (B.H.08):	2
Functional Classification (B.H.01):	1 Interstate	Urban Code (B.H.02):	99999
NHS Designation (B.H.03):	Y NHS	National Highway Freight Network (B.H.04):	1 Primary Highway Freight Sy
STRAHNET Designation (B.H.05):	1 STRAHNET route		

### User Costs

Route Speed:	70	Bypass Detour Length (B.H.17)::	0
Bypass Average Speed:	-1	Lanes on Bypass:	

### AADT

AADT (B.H.09):	15,100	Future AADT:	24,160
ADTT (B.H.10):	5,436	Future ADTT:	
Year of AADT (B.H.11):	2022	Future Year:	2042
Percent Truck Traffic:	36.00	Directional Percentage:	

**Clearances**

Highway Maximum Usable Vertical Clearance (B.H.12):	99.90	Highway Minimum Vertical Clearance (B.H.13):	99.90
Highway Minimum Horizontal Clearance, Left (B.H.14):		Highway Minimum Horizontal Clearance, Right (B.H.15):	
Highway Maximum Usable Surface Width (B.H.16):	37.70		

**S.H. 39 UNDER**

Feature Name (B.F.03):	S.H. 39 UNDER	Feature Type (B.F.01):	H Highway
Feature Location (B.F.02):	B		

**Route Information**

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)
R01	39	EW Eastbound and Westbound	3 State route	1 Mainline

**Highway Information**

LRS Route ID (B.H.06):	4400018HX000	LRS Data as of Date:	
LRS Mile Point (B.H.07):	10.436	Lanes on Highway (B.H.08):	2
Functional Classification (B.H.01):	3 Principal Arterial - Other	Urban Code (B.H.02):	99999
NHS Designation (B.H.03):	Y NHS	National Highway Freight Network (B.H.04):	N Not on the NHFN
STRAHNET Designation (B.H.05):	N Not a STRAHNET route		

**User Costs**

Route Speed:	-1	Bypass Detour Length (B.H.17)::	0
Bypass Average Speed:	-1	Lanes on Bypass:	

**AADT**

AADT (B.H.09):	2,700	Future AADT:	4,320
ADTT (B.H.10):	189	Future ADTT:	
Year of AADT (B.H.11):	2022	Future Year:	2042
Percent Truck Traffic:	7.00	Directional Percentage:	

**Clearances**

Highway Maximum Usable Vertical Clearance (B.H.12):	14.90	Highway Minimum Vertical Clearance (B.H.13):	14.60
Highway Minimum Horizontal Clearance, Left (B.H.14):	0.00	Highway Minimum Horizontal Clearance, Right (B.H.15):	2.90
Highway Maximum Usable Surface Width (B.H.16):	41.90		

**Inspection Data**

Schedule

Inspection Type	Required for Bridge	Inspection Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)
Bridge Assignment	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Routine	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hill, Adam	9/4/2025	24	9/4/2027

Inspection Condition

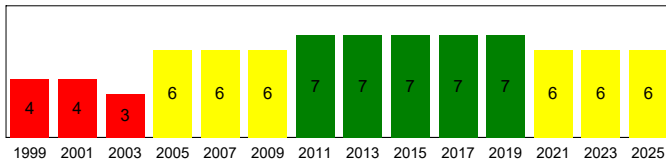
Bridge Condition (B.C.12):	<b>F Fair</b>	Lowest Condition Rating (B.C.13):	5
Deck (B.C.01):	6 Satisfactory	Superstructure (B..C.02):	7 Good
Substructure (B.C.03):	5 Fair	Culvert (B.C.04):	N Not Applicable
Railing (B.C.05):	7 Good	Railing Transition (B.C.06):	7 Good
Bearing (B.C.07):	6 Satisfactory	Joints (B.C.08):	6 Satisfactory
Channel (B.C.09):	N Not Applicable	Channel Protection (B.C.10):	N Not Applicable
Scour (B.C.11):	N Does not cross over water	NSTM Inspection Condition (B.C.14):	
Underwater Inspection (B.C.15):			

Appraisal

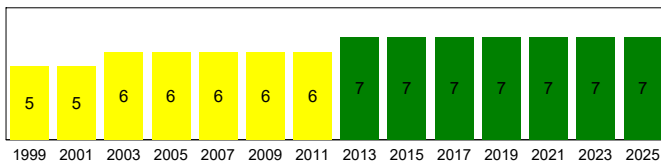
Approach Roadway Alignment (B.AP.01):	G Good	Overtopping Likelihood (B.AP.02):	
Scour Vulnerability (B.AP.03):		Scour Plan of Action (B.AP.04):	

Condition History Graph

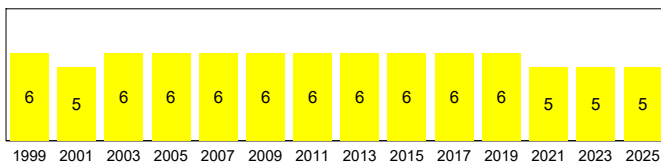
Deck Rating



Superstructure Rating



Substructure Rating



Inspection Notes

Inspection Notes (B.IE.11):

Agency Inspection Notes:

#61 A&G. MINOR EROS @ CORNERS OF ABUTS & EDGES OF SLPWALL'S. ( BRIDGE SUPERSTRUCTURE WAS HIT ON 01/13/2023. CONTRACTOR REPAIRED DAMAGE BEAMS ON 02/02/2023 - REPAIRS LOOK GREAT.)

Flowline Notes:

Load Posting Status

Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
9/5/2023 12:00:00AM	Open	Permanent	PO

Text of Load Posting Signs:

Railings and Transitions

Railings (B.RH.01):	M113	Transitions (B.RH.02):	M113
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Oklahoma Items

200c. Temperature:	78	246b. Overlay Thickness:	
214b. Posted Speed Limit:		246c. Overlay Date:	
214c. Narrow 1 way Bridge Sign:		246d. Overlay Depth Change > 1":	
214d. Vertical Clearance Sign:		258. Plans w/Found in ODOT File:	-
214d. Advanced Warning Sign:		263. Interchange at Intersection:	0
222. Fill over RCB:		264. Interstate Milepoint:	92.06
240. Approach Roadway Type:	2		

Element Data

Elem /	Element Name	Total	Unit	State 1	State 2	State 3	State 4
12	Re Concrete Deck	4,284	sq.ft	3,856	428	0	0
510	Wearing Surfaces	4,284		4,284	0	0	0
107	Steel Opn Girder/Beam	384	ft	194	190	0	0
515	Steel Protective Coating	2,357		0	2,357	0	0
	RUST SHOWING IN A FEW SMALL AREAS.						
205	Re Conc Column	4	each	2	1	1	0
	PX- PIER # 2, COL. # 1 10 ft TALL X 2 ft WIDE DELAM. PIER # 2, COL. # 2, 6 ft LONG X 1 ft WIDE DELAM.						
215	Re Conc Abutment	79	ft	0	57	22	0
	PX- HORIZ. OPEN CRACKS & DELAMINATIONS EXIST. THRU-OUT.						
234	Re Conc Pier Cap	76	ft	61	13	2	0
	PX- PIER # 2^ BM # 1 DIAG. CRACK EXTENDING FROM CTR. BEARING OUT TO EDGE OF CAP.						
301	Pourable Joint Seal	76	ft	0	76	0	0
	PX- NOSING IS MISSING.						
311	Moveable Bearing	10	each	3	5	2	0
	PX- LEAD FILLER IN PLATES IS COMING OUT. UP TO 50% SEC. LOSS TO SOME ROLLERS.						
313	Fixed Bearing	20	each	20	0	0	0
	RUST STAINING						
321	Re Conc Approach Slab	2	sq.ft	2	0	0	0
	-1						
330	Metal Bridge Railing	238	ft	238	0	0	0
	-1						
331	Re Conc Bridge Railing	216	ft	216	0	0	0
972	Loss of Bearing SF	7	each	0	7	0	0
	PX- ABUT. # 1, PEDESTALS # 2, 3, & 4. SPAN # 1, PIER # 1, PEDESTAL # 5. PIER # 2, SPAN # 2 PEDESTALS # 1 & 5, AND PIER # 2, SPAN # 3, PEDESTAL # 1						
870	Concrete Wingwall	4	each	4	0	0	0
865	St.Open Gird End(5Ft	151	ft	146	5	0	0
	SEE NOTE FOR #107.						
859	Soffit	1	each	0	1	0	0
	PX- SPALLING W/ EXP. REBAR TO EDGES OF ALL JT'S & AT BM. # 1, SPAN # 2, BOTH SIDES.						
909	Pourable Fix Jt.Seal	76	ft	76	0	0	0
962	Super.Traffic Impact	1	each	0	1	0	0
	FX- MINOR SCRAPES EXIST @ BMs # 1 & 2 ( BEAMS DAMAGED ON 01/12/2023, THESE WERE REPAIRED ON 02/02/2023, REPAIRS LOOK GREAT)						