Bridge Inventory Information

Inventory Bridge Number: AUG 00075 0498 L

ROUTE CARRIED BY STRUCTURE USR 33

District: 07 | County: AUGLAIZE | (101) Location: JCT. USR-33 | (102) Facility Carried: IR-75
(2) FIPS Code: PUSHETA TWP | (103) Route On Bridge: STATE (ODOT) | (104) Route Under Bridge: STATE (ODOT)
(9) Direction of Traffic: 1-WAY TRAFFIC | (10) Temporary: N | (11) Truck Network: Y | (12) Parallel: L
(100) Type Serv: (On): HIGHWAY | (Under): HIGHWAY, WITH OR WITHOUT PEDESTRIAN

Inventory Route Data

(3) Route On/Under: ROUTE CARRIED BY STRUCTU | Hwy Sys: INTERSTATE HIGHWAY
Route No: 00075 | Dir: | Des: MAINLINE | Pref:
(4) Feature Intersected: USR 33
(5) County: AUG | Mileage: 0498 | Special Desig: L
(6)Avg. Daily Traffic(ADT): 18,650 | (7) ADT Year: 2010
(8) Truck Traf: 6,090 | (14) NHS: NHS BRG EXCL | (15) Corridor: Y
(16) Functional Class: INTERSTATE-URBAN | (19) Strahnt: Interstate Strahnet Bridges

Intersected Route Data

(22) Route On/Under: SINGLE RT UNDER STRUCTUR | Hwy Sys: U.S. NUMBERED HIGHWAY
Route No: 00033 | Dir: | Des: 1 | Pref:
(23) Feature Intersected: IR 75
(24) County: AUG | Mileage: 1635 | Special Desig:
(25)Avg. Daily Traffic(ADT): 4,230 | (26) ADT Year: 2010
(27) Truck Traf: 1410 | (28) NHS: NHS BRG EXCLUDE | (29) Corridor: Y
(30) Functional Class: OTHER FREEWAY OR EXPRESSWAY-U | (36) Strahnt: Non-Interstate Strahnet Bridges

Clearance On the Bridge

(154) Min. Hriz on Bridge: | NC: 0.0 | Card: 39.7 Ft
(155) Prac Max Vert On Brg: | 9999.9 Ft
(67) Min Vrt Clr On Brg: | NC: 0.0 | Card: 9999.9 Ft
(80) Min Latl Clr: | NC: 0.0/0.0 Ft | Card: 0.0/0.0 Ft
(81) Vrt Clr Lft: | 0.0 Ft

Structure Information

(38) Bypass Length: 01 Miles
(39) Latitude: 40 Deg 33 Min 17.42 Sec | Longitude: 84 Deg 10 Min 11.48 Sec
(40) Toll: ON FREE ROAD
(41) Date Built: 7/1/1959 | (42) Major Rehabilitation:
(43) No. Lanes On: 2 | No. Lanes Under: 4
(44) Horiz Curve: | (45) Skew: 7 Deg
(49) App. Rdw Width: 41 Ft | (50) Brg. Rdw Width: 39.7 Ft
(51) Deck Width: 44.3 Ft | Deck Area: 10893 Sq. Ft
(52) Median Type: NONE/NON BARRIER/NO JOINT
(53) Bridge Median: NO MEDIAN
(54) Sidewalks: | (left) 0.0 Ft | (right) 0.0 Ft
(55) Type Curb or Sidewalks:
(Left) Matl: NONE | Type: NONE
(Right) Matl: NONE | Type: NONE
(56) Flared: N | (57) Composite: N - NON_COMPOSITE
(58) Railing: 32" DEFLECTOR-TYPE PARAPET (NJ SHAPE)
(59) Deck Drainage: INLETS W/DRN PIPES
(60) Deck Type: REINF CONCRT (PRESTRSD, PRECAST
(61) Deck Protection: External: NONE
Internal: NONE
(62) Wearing Surface: BITUM (ASPHLT CONCRT)
Thickness: 2.0 in | (119) Date of Wearing Surface: 7/1/2009
Slope Protection: RIP RAP (DUMPED ROCK)

(63) Main Spans Number: 4 | Type: STEEL/BEAM/CONTINUOUS
Approach Spans Number: 0 | Type: NONE/NONE/NONE
Total Spans: 4 | (65) Max Span: 75 Ft | (66) Overall Leng: 246 Ft

(70) Substructure		(71) Foundation and Scour Information	
Abut-Rear	Matl: CONCRETE	Type: STUB GRAVITY	Fnd: SPREAD FOOTING
Abut-Fwd	Matl: CONCRETE	Type: STUB GRAVITY	Fnd: SPREAD FOOTING
Pier-Pred	Matl: CONCRETE	Type: CAPPED COLUMN	Fnd: STEEL H PILES (OTHER SIZE)
Pier-Other	Matl: NONE	Type: NONE	Fnd: NONE/NOT APPLICABLE (SUCH AS CULVERTS)
Pier-Other	Matl: NONE	Type: NONE	Fnd: NONE/NOT APPLICABLE (SUCH AS CULVERTS)
No of Piers Predominate: 03		Other: NN	Other: NN
(86) Stream Velocity: NNN		(74) Scour: BRIDGE NOT OVER WATERWAY	
(189) Dive: N Freq: 0		Probe: N Freq: 0	(75) Chan Prot: N/A
(189) Date of last Dive Insp:		(152) Drainage Area: NNN Sq Mi	

Clearance Under the Bridge

(156) Min. Horiz Under Clear: | NC: 65.4 Ft | Card: 58.0 Ft
(157) Prac Max Vrt Under Clear: | 16.5 Ft
(77) Min Vert Under Clear: | NC: 16.5 Ft | Card: 15.0 Ft
(78) Min Lat Under Clear: | NC: 19.9/21.5 Ft | Card: 12.0/22.0 Ft

Load Rating Information

(48) Design Load: HS/20
Opr Rat Fact: 1.030 LD: HS20 LOADING
Inv Rat Fact: 0.750 LD: HS20 LOADING
(83) Ohio Percent of Legal Load: 150
Year of Rating: 1986
(84) Analysis: ALLOWABLE STRESS OR WORKING STRESS
(85) Rate Soft: BARS
Analysis on Bars: WRKG STRESS ANALYSIS
PE#: 0

(88-89) Appraisal

(Including calculated Items)
(88) Waterway Adequacy: N
(89) Approach Alignment: 8
Calc Gen Appraisal: 6
Calc Deck Geometry: 6
Calc Underclearance: 4

Approach Information

(109) Approach Guardrail: STEEL BEAM
(110) Approach Pavement: BITUMINOUS | (111) Grade: FAIR

Culvert Information

(131) Culvert Type: NONE/NOT APPLICBLE | (127) Length: 0.0 Ft
(129) Depth of Fill: 0.0 Ft | (130) Headwalls: NONE

General Information

(121) Main Member: ROLLED STEEL | (122) Moment Plate: WELDED
(169) Expansion Joint: SLIDING METAL PLATE ANGLE
(124) Bearing Devices: ROCKERS
(126) Navigation: Control-X | Vert Clr: 0.0 Ft | Horiz Clear: 0.0 Ft
(193) Spec Insp: N | Freq: 0 | Date:
(188) Fracture Critical Insp: N | Freq: 0 | Date:
(138) Long Member: NOT APPLICABLE | (135) Hinges: NOT APPLICABLE
(141) Structural Steel Memb: UNKNOWN | (139) Framing: STRAIGHT
Railing: N
Pay Wt: 0 pounds | Prime Loc: UNKNOWN | Paint: PAINT SYSTEM OZEU
Bridge Dedicated Name:

General Information (Continued)

(---) Hist Significance: NOT HISTORIC
(69) NBIS: Y
(---) Hist Builder: OHIO STATE HIGHWAY DEPARTMENT
Hist Build Year: 1959
(69) Hist Type: CONTINUOUS
(161) Special Features (see below):
(105) Border Bridge State: Resp: %(106) SFN:

Proposed Improvements

(90) Type Work: -
(90) Length: Ft
(90) Bridge Cost ($1000s):
(90) Roadway Cost ($1000s):
(90) Total Project Cost ($1000s):
(90) Year:
(91) Future ADT (On Bridge): 25886
(92) Year of Future ADT: 2034

Programming Info

PID Number:
PID Status:
PID Date:

Original Plans Information

(142) Fabricator: BETHLEHEM STL
(143) Contractor: LAUNDER & SONS
(144) Ohio Original Construction Project No: 055258
(---) Microfilm Reel: AUG004
(151) Standard Drawing:
Aperture Cards: Orig: N Repair: N Fabr: Y
Plan Information Available: 1 PLAN INFORMATION AVAILABLE

(153) Repair Projects:

1) 740356 / 041
2) / 020
3) 820405 / 041
4) 920735 / 061
5) / 020

Inspection Summary

(I-8) Deck:	6
(I-32) Superstructure:	7
(I-42) Substructure:	7
(I-50) Culvert:	
(I-54) Channel:	
(I-60) Approaches:	8
(I-66) General Appraisal:	7
(I-66) Operational Status:	A
Inspection Date:	3/18/2014
(94) Desig Insp Freq	12 Months

(I-69) Survey Items

Railings:	DOES NOT MEET CURRENT STANDARD
Transitions:	MEETS CURRENT STANDARDS
Guardrail:	MEETS CURRENT STANDARDS
Rail Ends:	MEETS CURRENT STANDARDS
In Depth:	NONE N/A
Fracture Critical:	NONE N/A
Scour Critical	NONE N/A
Critical Findings:	NONE N/A
Insp. Update Date:	3/31/2014

Utilities

(46)	Electric:	N
	Gas:	N
	Sanitary Sewer:	N
	Telephone:	N
	TV Cable:	N
	Water:	N
	Other:	N

Special Features

(161)	Lighting:	N
	Fencing:	N
	Glare-Screen:	N
	Splash-Guard:	N
	Catwalks:	N
	Other-Feat:	N
(184)	Signs-On:	N
	Signs-Under	N
(162)	Fence-Ht	0.0
(163)	Noise Barr	N

SFNs Replacing this retired bridge: -
SFNs That were replaced by this bridge: -
This bridge was retired and copied to:
The bridge was copied from:

INV Field Bridge Marker: AUG - 00075 - 0498 - L
INT Field Bridge Marker: AUG - 00033 - 1635 -

(95) Insp: OHIO TRAN DEPT 2nd: NONE 3rd: NONE
(96) Maint: OHIO TRAN DEPT 2nd: NONE 3rd: NONE
(97) Routine: OHIO TRAN DEPT 2nd: NONE 3rd: NONE

PONTIS CoRe elements and Conditions States

Elem No.	CoRe Element Description	Total Quantity	Unit Meas.	Condition State Percents(*)				
				1	2	3	4	5
22	CONCRETE DECK PROTECTED W/RIGID OVERLAY	1		0	0	0	0	0
215	REINFORCED CONC ABUTMENT	89		0	0	0	0	0
234	REINFORCED CONC CAP	134		0	0	0	0	0
304	OPEN EXPANSION JOINT	89		0	0	0	0	0
321	REINFORCED CONCRETE APPROACH SLAB	2		0	0	0	0	0

(*) Percentages should add to 100%