

Structure Inventory and Appraisal Sheet (English Units)

Bridge Key: 6328 Agency ID: 6328 SR: 89.8 SD/FO: ND

IDENTIFICATION

State 1: 23 Maine Struc Num 8: 6328
 Facility Carried 7: MCINTIRE RD Location 9: 0.2 MI N OF RTE 118
 Rte.(On/Under)5A: Route On Structure Rte. Signing Prefix 5B: 5 City Street
 Level of Service 5C: 0 None of the below Rte. Number 5D: 00000
 Directional Suffix 5E: 0 N/A (NBI) % Responsibility : 0
 SHD District 2: 01 Southern County Code 3: 017 Oxford
 Place Code 4: 17330 Waterford Mile Post 11: 0.000 mi
 Feature Intersected 6: CROOKED RIVER
 Latitude 16: 44d 13' 14" Longitude 17: 070d 41' 11"
 Border Bridge Code 98: Not Applicable (P)
 Border Bridge Number 99: n/a

INSPECTION

Frequency 91: 24 months Inspection Date 90: 7/24/2007 Next Inspection: 07/24/2009
 FC Frequency 92A: NA FC Inspection Date 93A: NA Next FC Inspection: NA
 UW Frequency 92B: NA UW Inspection Date 93B: NA Next UW Inspection: NA
 SI Frequency 92C: NA SI Date 93C: NA Next SI: NA
 Element Frequency: 24 months Element Inspection Date: 07/24/2007 Next Elem. Insp. Due: 07/24/2009

CLASSIFICATION

Defense Highway 100: 0 Not a STRAHNET hwy Parallel Structure 101: No || bridge exists
 Direction of Traffic 102: 2 2-way traffic Temporary Structure 103: Not Applicable (P)
 Highway System 104: 0 Not on NHS NBIS Length 112: Long Enough
 Toll Facility 20: 3 On free road Functional Class 26: 09 Rural Local
 Defense Hwy 110: 0 Not a STRAHNET hwy Historical Significance 37: 4 Hist sign not determin
 Owner 22: 03 Town/Township Hwy Agency
 Custodian 21: 03 Town/Township Hwy Agency

STRUCTURE TYPE AND MATERIALS

Number of Approach Spans 46: 0 Number of Spans Main Unit 45: 1
 Main Span Material/Design 43A/B:
 3 Steel 02 Stringer/Girder
 Deck Type 107: 1 Concrete-Cast-in-Place
 Wearing Surface 108A: 3 Latex Concrete/Similar
 Membrane 108B: 0 None
 Deck Protection 108C: None

CONDITION

Deck 58: 7 Good Super 59: 7 Good Sub 60: 8 Very Good
 Culvert 62: N N/A (NBI) Channel/Channel Protection 61: 7 Minor Damage

AGE AND SERVICE

Year Built 27: 1974 Year Reconstructed 106: -4
 Type of Service on 42A: 1 Highway
 Type of Service under 42B: 5 Waterway
 Lanes on 28A: 2 Lanes Under 28B: 0 Detour Length 19: 99.9 mi
 ADT 29: 20 Truck ADT 109: 5 % Year of ADT 30: 2006

LOAD RATING AND POSTING

Inventory Rating Method 65: 2 AS Allowable Stres: Operating Rating Method 63: 2 AS Allowable Stress
 Inventory Rating 66: HS24.4 Operating Rating 64: HS43.9
 Design Load 31: 4 M 18 (H 20) Posting 70: 5 At/Above Legal Loads
 Posting status 41: A Open, no restriction

GEOMETRIC DATA

Length Max Span 48: 90.0 ft Structure Length 49: 95.0 ft
 Curb/Sdwk Width L 50A: 0.4 ft Curb/Sidewalk Width R 50B: 0.4 ft
 Width Curb to Curb 51: 24.0 ft Width Out to Out 52: 27.6 ft
 Approach Roadway Width 32: 22.0 ft Median 33: 0 No median (w/ shoulders)
 Deck Area: 2,621.9 sq. ft
 Skew 34: 15.00 ° Structure Flared 35: 0 No flare
 Vertical Clearance 10: 99.99 ft Horiz. Clearance 47: 24.00 ft
 Minimum Vertical Clearance Over Bridge 53: 327.8 ft
 Minimum Vertical Underclearance Reference 54A: N Feature not hwy or RR
 Minimum Vertical Underclearance 54B: 0.0 ft
 Minimum Lateral Underclearance Reference R 55A: N Feature not hwy or RR
 Minimum Lateral Underclearance R 55: 327.8 ft
 Minimum Lateral Underclearance L 56: 327.8 ft

APPRAISAL

Bridge Rail 36A: 1 Meets Standards Approach Rail 36C: 1 Meets Standards
 Transition 36B: 1 Meets Standards Approach Rail Ends 36D: 1 Meets Standards
 Str. Evaluation 67: 8 Deck Geometry 68: 6 Equal Min Criteria
 Underclearance, Vertical and Horizontal 69: N Not applicable (NBI)
 Waterway Adequacy 71: 9 Above Desirable Approach Alignment 72: 6 Equal Min Criteria
 Scour Critical 113: 8 Stable Above Footing

PROPOSED IMPROVEMENTS

Bridge Cost 94: NA Type of Work 75: Unknown (P)
 Roadway Cost 95: Unknown Length of Improvement 76:
 Total Cost 96: Unknown Future ADT 114: 30
 Year of Cost Estimate 97: Unknown Year of Future ADT 115: 2026

NAVIGATION DATA

Navigation Control 38: 0 Permit Not Required
 Vertical Clearance 39: 0.0 ft Horizontal Clearance 40: 0.0 ft
 Pier Protection 111: Not Applicable (P) Lift Bridge Vertical Clearance 116: 0.0 ft

ELEMENT CONDITION STATE DATA

Str Unit	Elm/Env	Description	Units	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4	% in 5	Qty. St. 5
1	22/2	P Conc Deck/Rigid Ov	(SF)	2,622	100 %	2,622	0 %	0	0 %	0	0 %	0	0 %	0
1	107/2	Paint Stl Opn Girder	(LF)	380	83 %	315	15 %	57	2 %	8	0 %	0	0 %	0
1	215/2	R/Conc Abutment	(LF)	55	100 %	55	0 %	0	0 %	0	0 %	0	0 %	0
1	218/2	Undefined Wall Elem.	(LF)	50	90 %	45	10 %	5	0 %	0	0 %	0	0 %	0
1	302/2	Compressn Joint Seal	(LF)	28	88 %	25	13 %	4	0 %	0	0 %	0	0 %	0
1	311/2	Moveable Bearing	(EA)	4	60 %	2	40 %	2	0 %	0	0 %	0	0 %	0

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Str Unit	Elm/Env	Description	Units	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4	% in 5	Qty. St. 5
1	313/2	Fixed Bearing	(EA)	4	100 %	4	0 %	0	0 %	0	0 %	0	0 %	0
1	330/2	Metal Rail Uncoated	(LF)	190	95 %	180	4 %	8	1 %	2	0 %	0	0 %	0
1	385/2	Wear.Surf. - Rigid	(SF)	2,280	100 %	2,280	0 %	0	0 %	0	0 %	0	0 %	0
1	388/2	Paint	(SF)	11,560	100 %	11,560	0 %	0	0 %	0	0 %	0	0 %	0

Str Unit	Elm/Env	Description	Element Notes
1	22/2	Concrete Deck - Protected w/ Rigid	< none >
1	107/2	Painted Steel Open Girder/Beam	< none >
1	215/2	Reinforced Conc Abutment	< none >
1	218/2	Undefined Wall Elem (Incl. Wing-,	< none >
1	302/2	Compression Joint Seal	< none >
1	311/2	Moveable Bearing (roller, sliding, e	< none >
1	313/2	Fixed Bearing	< none >
1	330/2	Metal Bridge Railing - Uncoated (A	< none >
1	385/2	Wearing Surface - Rigid (Dummy E	< none >
1	388/2	Paint (Dummy Element)	< none >

BRIDGE NOTES

Single span steel rolled girders on concrete abutments.

PAST INSPECTION

Inspection Date: 07/24/2007 Type: 1 Regular NBI
 Inspector: DTPBELA Pontis User Key: DTPBELA - PAUL
 Scope:
 NBI: Other: Element:
 Underwater: Fracture Critical:

INSPECTION NOTES

Structure is in very good condition. No problems noted.

Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Inspection Date: 06/20/2005 Type: 1 Regular NBI
Inspector: DTPBELA Pontis User Key: DTPBELA - PAUL

Scope:
NBI: Other: Element:
Underwater: Fracture Critical:

INSPECTION NOTES

Structure is in very good condition. No problems noted.

PAST INSPECTION

Inspection Date: 07/07/2003 Type: 1 Regular NBI
Inspector: -1 Pontis User Key: PJB

Scope:
NBI: Other: Element:
Underwater: Fracture Critical:

INSPECTION NOTES

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INSPECTOR WORK CANDIDATES