Date of Inspection:11/18/2015Date Report Sent:1/19/2016✓Picture taken during inspectionOwner:NHDOTBridge also in:Hartford	I-89 SB Over CONNECTICUT RIVER,NECRR <i>Vietnam Veteran Memorial</i> , Vermont Interstate Bridge Number: 071
Recommended Postings: Weight: No Posting Required	✓ Weight Sign OK
Width: Not Required	✓ Width Sign OK
Primary Height Sign Recommendation: None Optional Centerline Height Sign Rec: None	
<u>Condition:</u> State Redlist Deck: 5 Fair Superstructure: 4 Poor Substructure: 6 Satisfactory Culvert: N N/A (NBI)	<u>Structure Type and Materials:</u> Number of Spans Main Unit: 6 Number of Approach Spans: 0 Main Span Material and Design Type
Sufficiency Rating: 49.9% NBI Status: Structurally Deficient	Steel Continuous Multiple Beam
Bridge Rail: Substandard Rail Transition: Substandard Bridge Approach Rail: Meets Standards Approach Rail Ends: Substandard	NH Bridge Type: I Beams w/ Concrete Deck Deck Type: Concrete, Cast in Place Wearing Surface: Bituminous Membrane: Other Deck Protection: None Pavement thickness: Not Applicable Curb Reveal: 8.5 in Plan Location: 17-4-1
Bridge Dimensions: Length Maximum Span: 150.0 ft Left Curb/Sidewalk Width: 0.7 ft R Width Curb to Curb: 30.0 ft Approach Roadway Width (W/ Shoulders): 40.0 Bridge Service:	Total Bridge Length: 846.0 ft light Curb/Sidewalk Width: 0.7 ft Total Bridge Width: 35.8 ft
Type of Service on Bridge: Highway Type of Service under: Railroad-waterway Lanes on bridge: 2 Lanes Under: NA AADT: 19363 Percent Truc	Year Built: 1966 Year Rebuilt: Not Rebuilt Detour Length: 1.0 mi ks: 9% Year of AADT: 2013
Future AADT: 28657	Year of Future AADT: 2036

Bureau of Bridge Design Existing Bridge Section

Fed. Definition Bridge Urban Interstate Interstate Highway Not Eligible
One-way traffic

National Bridge Inventory (NBI) Appraisal Ratings:

Deck Geometry:	Minimum Tolerable
Underclearances:	Equal Minimum Criteria
Approach Alignment:	Equal Desirable Criteria
Structural Evaluation:	Minimum Tolerable
Channel/Channel Protection:	Bank Slumping
Waterway Adequacy:	Above Desirable Criteria
Bridge Scour Critical Status:	Critical during floods
Riprap Condition:	Good Condition
Debris Present:	No Debris Present
	OUR: REFER TO MOST RECENT DIVE REPORT.
Date of Underwater Inspection:	Pile study? TREE DEBRIS AT PIER # 4.
Date of Onderwater Inspection.	

AASHTO CoRe Element Condition State Data:

No.	Description	Env. Material Notes and Condition Notes
14	Concrete Deck -	Severe
	Protected w/ Membrane and Pavement	ASPHALT- SEAM AT CENTERLINE. DEICING SYSTEM INSTALLED, CRACK SEALED. LOOSENED CURBSTONES. MORTAR CRACKED AND MISSING AT MOST JOINTS. CURBSTONES CRACKED, TIPPED AND MOVED AT NORTHWEST. CONCRETE CORE SAMPLES DRILLED AT SOUTHEAST.
107	Painted Steel Beam or	Moderate
	Girder (Open Web)	PAINT CHAULKING, CRACKED WITH LIGHT FLAKING AND PEELING. LIGHT RUST; HEAVY RUST UNDER EXPANSION, RELIEF JOINTS AND IN AREAS ON EXTERIOR FLANGES. HEAVY RUST AND PITTING AT BEAMS #4 & #5 AT BOTTOM OF WEBS IN SPAN #3 AND
		BEAMS #1, #4, & #5 AT SPAN #4 UNDER EXPANSION JOINT. 16" VERTICAL CRACK
		ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF GIRDER #1 IN SPAN #3. REPAIRED WITH A PLATES AND BOLTED AT WEB AND BOTTOM FLANGE BY B.O.B.M.
210	Reinforced Concrete	Moderate
	Pier Wall	FEW FINE CRACKS AND MINOR POP OUT SPALLS.
215	Reinforced Concrete	Moderate
	Abutment	LIGHT TO MODERATE CRACKS, DELAMINATIONS, HOLLOW SOUNDING AREAS, PATCHES CRACKED. MINOR TO MODERATE SPALLS AT NORTH ABUTMENT. MINOR AND MODERATE SPALLS IN BACKWALLS. LARGE SPALLS, REBAR EXPOSED, IN SOUTH BACKWALLS.
234	Reinforced Concrete	Low HAMMERHEADS
	Сар	FEW FINE CRACKS; MINOR DELAMINATION IN NORTHWEST CORNER #2.

Bureau of Bridge Design Existing Bridge Section

Bureau of Bridge Design Existing Bridge Section

Lebanon 044/103

Bridge Inspection Report

No.	Description	Env.	Material	Notes and	I Condit	ion Note	s			
304	Open Expansion Joint	Severe								
		DECK END	SETTLED.	OKEN AND HOLED ARE OW SOUNDI	A AT SO	UTHEAST	APPROA	ACH. JOII	NT WELD	S BROKEN,
311	Moveable Bearing	Moderate	ROCKER	is						
	(roller, sliding, etc.)	NORTH. B	EARING #3	ON LOSS ON LIFTED 1/4 I ENT BEARIN	NCH FR	OM DIRT I	BUILD UP	AT SOU	TH. PAIN	T PEELING,
313	Fixed Bearing	Low	AT CENT	ER PIER						
		MINOR DE	TERIORATIC	ON AT EXTE	RIOR.					
334	Coated Metal Bridge	Severe	** Steel A	ngle Rail **	PAINTED	ANGLE /	POSTS	VITH GAL	.VN. TRAI	NSITIONS
	Railing	MODERAT	E RUST. LIC	GHT DAMAG	θE.					
359		Severe								
	Slab Condition Warning			CRACKS, D						
	Tiag			NS AND SP. 3, SPAN # 6 1						
		DELAMINA RUST STAI	TIONS, MIN INED, MINO	OR SPALLS R SPALLS A LEAKING A	AT EXTE T EAST,	ERIOR SC MODERA	FFIT. CU TE TO LA	RB FASC	IAS CRAC ALLS AT V	CKED, NEST.
363	Section Loss Condition	Severe								
	Warning Flag	MEASUREI AND 15/16 HOLE IN W	MENTS AS I INCH GIRDI 'EB OF GIRI	ANGES RUS FOLLOWS - ER #5, SPAN DER #1 IN SI 3 AND BOTT	7/8 INCH #4. 16" PAN #3, l	GIRDER VERTICA UNDER R	#1, 7/8" G L CRACK	IRDER # ADJACE	4, SPAN NT TO 1	#3, AND 1/2 BY 2 1/2
No.	Description		Env.	Quantity	Units	State 1	State 2	State 3	State 4	State 5
14	Concrete Deck - Protected	w/ Membran	Severe	30,290	(SF)	0 %	100 %	0 %	0 %	0 %
107	Painted Steel Beam or Girc	der (Open We	Moderate	4,209	(LF)	0 %	70 %	10 %	20 %	0 %
210	Reinforced Concrete Pier V	Vall	Moderate	131	(LF)	94 %	6 %	0 %	0 %	
215	Reinforced Concrete Abutm	nent	Moderate	180	(LF)	14 %	70 %	16 %	0 %	
234	Reinforced Concrete Cap		Low	171	(LF)	93 %	7 %	0 %	0 %	
304	Open Expansion Joint		Severe	69	(LF)	0 %	60 %	40 %		
311	Moveable Bearing (roller, s	liding, etc.)	Moderate	30	(EA)	60 %	35 %	5 %		
313	Fixed Bearing		Low	5	(EA)	90 %	10 %	0 %		
334	Coated Metal Bridge Railing	g	Severe	1,873	(LF)	0 %	0 %	80 %	20 %	0 %
359	Soffit of Conc Deck or Slab	Condition W	Severe	1	(EA)	0 %	0 %	0 %	100 %	0 %
363	Section Loss Condition Wa	rning Flag	Severe	1	(EA)	0 %	100 %	0 %	0 %	

Bridge Notes:

Vietnam Veterans Memorial Bridge (1983, Chapter 362) DEICING SYSTEM INSTALLED IN WEARING SURFACE AT CENTERLINE. LIFT INSPECTION 9/03. LIFT INSPECTION 5/07. LIFT INSPECTION 12/27/11 ADDED TO STATE REDLIST. B.O.B.M MADE REPAIRS TO RELIEF JOINTS AND REMOVED RUST AND PRIMED AND PAINTED RUSTED BEAMS UNDER RELIEF JOINTS (JUNE OF 2012). LIFT INSPECTION 6/16/2014, 5/28/2015. Approach and Roadway Notes: ASPHALT- LIGHT CRACKS.

W-BEAM RAIL- LIGHT DAMAGE.

Inspection History:

Inspector: MTC	Deck: 5 Fair
	Super: 4 Poor
	Substr: 6 Satisfactory
OFFIT. CURB FASCIAS CRACKED AND SPAL NT #4. MODERATE LEAKING UNDER RELIEF IS MISSING 22 FINGERS AND 2 MISSING AT I ED AND FLAKING. HEAVY RUST UNDER EXP, RIOR FLANGES. HEAVY RUST AT MOVABLE O AT SEVERAL PIER BEARINGS. RATE CRACKS, DELAMINATIONS, AND SPALL	Culvert: N N/A (NBI) LED. JOINT IN NORTH. ANSION
	ERLINE. GRANITE FACING CRACKED AND TI AND MISSING AT MOST JOINTS. CRACKS, OFFIT. CURB FASCIAS CRACKED AND SPAL NT #4. MODERATE LEAKING UNDER RELIEF IS MISSING 22 FINGERS AND 2 MISSING AT ED AND FLAKING. HEAVY RUST UNDER EXP RIOR FLANGES. HEAVY RUST AT MOVABLE O AT SEVERAL PIER BEARINGS.

PICTURES: B546. 21. SPALL AT NORTHEAST ABUTMENT.

Inspection Date:	05/28/2015	Inspector: MHC	Deck:	5 Fair
Notes:			Super:	4 Poor
MHC - inspection	comments -		Substr:	6 Satisfactory
DECK: ASPHALT NORTHWEST. M DELAMINATION LIGHT LEAKING SPAN 3. FINGEI SUPERSTRUCT JOINTS, RELIEF BEARINGS, ANC	IORTAR CRACKED, S AND SPALLS AT UNDER RELIEF JO R JOINT AT SOUTH URE: PAINT CRACK JOINTS, AND EXTL CHOR BOLTS LIFTE	TERLINE. GRANITE FACING CRACKED AND TIPPED AT , AND MISSING AT MOST JOINTS. CRACKS, SOFFIT. CURB FASCIAS CRACKED AND SPALLED. DINT #4. MODERATE LEAKING UNDER RELIEF JOINT IN I IS MISSING 21 FINGERS AND 3 MISSING AT NORTH. KED AND FLAKING. HEAVY RUST UNDER EXPANSION ERIOR FLANGES. HEAVY RUST AT MOVABLE D AT SEVERAL PIER BEARINGS. TRATE CRACKS, DELAMINATIONS, AND SPALLS AT	Culvert:	N N/A (NBI)
	ID BACKWALLS. HE R SPALLS AT PIERS	EAVY DEBRIS BUILDUP AT BRIDGE SEATS. LIGHT S.		

PICTURES: B531, 34 - 44 SEE PIC LIST FOR DETAILS

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Inspection History:

Inspection Date: 12/12/2014 Notes: MHC - inspection comments - BRIDGE RAIL: MODERATE RUST. DECK: ASPHALT SEALED AT CENTERLINE. GRAIN NORTHWEST. MORTAR CRACKED, AND MISSING DELAMINATIONS AND SPALLS SOFFIT. LIGHT LE MODERATE LEAKING UNDER RELIEF JOINT IN S MISSING 18 FINGERS AND 3 MISSING AT NORTH SUPERSTRUCTURE: PAINT CRACKED AND FLANG BEARINGS, ANCHOR BOLTS LIFTED AT SEVERA SUBSTRUCTURE: LIGHT TO MODERATE CRACK, ABUTMENTS AND BACKWALLS. LIGHT CRACKS, PICTURES: B518	G AT MOST JOINTS. CRACKS, EAKING UNDER RELIEF JOINT IN SPAN 4. EPAN 3. FINGER JOINT AT SOUTH IS d. KING. HEAVY RUST UNDER EXPANSION ES. HEAVY RUST AT MOVABLE L PIER BEARINGS. S, DELAMINATIONS, AND SPALLS AT	Super: Substr:	5 Fair 4 Poor 6 Satisfactory N N/A (NBI)
2. SOUTH JOINT. Inspection Date: 06/16/2014 Notes: MTC - inspection comments - BRIDGE RAIL: MODERATE RUST. DECK: ASPHALT SEALED AT CENTERLINE. GRANNORTHWEST. MORTAR CRACKED, AND MISSING DELAMINATIONS AND SPALLS SOFFIT. LIGHT LE MODERATE LEAKING UNDER RELIEF JOINT IN S MISSING 18 FINGERS AND 2 MISSING AT NORTH SUPERSTRUCTURE: PAINT CRACKED AND FLAK JOINTS, RELIEF JOINTS, AND EXTERIOR FLANG BEARINGS, ANCHOR BOLTS LIFTED AT SEVERA SUBSTRUCTURE: LIGHT TO MODERATE CRACKS, PICTURES: B500. 67-72.	G AT MOST JOINTS. CRACKS, EAKING UNDER RELIEF JOINT IN SPAN 4. EPAN 3. FINGER JOINT AT SOUTH IS d. KING. HEAVY RUST UNDER EXPANSION ES. HEAVY RUST AT MOVABLE L PIER BEARINGS. S, DELAMINATIONS, AND SPALLS AT		
Inspection Date: 11/18/2013 Notes: MTC - inspection comments - BRIDGE RAIL: MODERATE RUST. DECK: ASPHALT SEALED AT CENTERLINE. GRAI NORTHWEST. MORTAR CRACKED, AND MISSING DELAMINATIONS, MINOR SPALLS, AND LIGHT LE SUPERSTRUCTURE: PAINT CRACKED AND FLAM JOINTS, RELIEF JOINTS, AND EXTERIOR FLANG BEARINGS, ANCHOR BOLTS LIFTED AT SEVERA SUBSTRUCTURE: LIGHT TO MODERATE CRACK. ABUTMENTS AND BACKWALLS. LIGHT CRACKS, PICTURES: B486-44. CRACKS AND SPALLS AT N	G AT MOST JOINTS. CRACKS, EAKING AT SOFFIT. KING. HEAVY RUST UNDER EXPANSION ES. HEAVY RUST AT MOVABLE L PIER BEARINGS. S, DELAMINATIONS, AND SPALLS AT MINOR SPALLS AT PIERS.		

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Inspection History:

nspection Date:	07/31/2013	Inspector: MHC	Deck:	
Notes:			Super:	
MHC - inspection				6 Satisfactory
	SPECTION - ALL ELEME ODERATE RUST.	INTS APPEAR STABLE.	Culvert:	N N/A (NBI)
		NE. GRANITE FACING CRACKED AND TIPPED AT		
		MISSING AT MOST JOINTS. CRACKS,		
DELAMINATIONS	S, MINOR SPALLS, AND	LIGHT LEAKING AT SOFFIT.		
		ND FLAKING. HEAVY RUST UNDER EXPANSION		
	-	R FLANGES. HEAVY RUST AT MOVABLE		
		SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT		
		CRACKS, MINOR SPALLS AT PIERS.		
nspection Date:	06/12/2013	Inspector: MTC	Deck:	5 Fair
Notes:	00/12/2010		Super:	
MTC - inspection	comments -		Substr:	
	ODERATE RUST.			N N/A (NBI)
		NE. GRANITE FACING CRACKED AND TIPPED AT	Guiveit.	
		MISSING AT MOST JOINTS. CRACKS,		
		LIGHT LEAKING AT SOFFIT. LARGE SPALL IN		
	X 3'X 4" IN DEPTH WITH NT 1 IN BAY 1 AND EXT	H REBAR EXPOSED. RELIEF JOINTS SEALED,		
SIIPERSIRIICII	IRE PAINT CRACKED A	ND FLAKING HEAVY BUST UNDER EXPANSION		
		ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE		
JOINTS, RELIEF	JOINTS, AND EXTERIO	ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER		
JOINTS, RELIEF BEARINGS, ANC BEARINGS.	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER		
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT		
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER		
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURL ABUTMENTS AN	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS.		
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date:	JOINTS, AND EXTERIO THOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS.		5 Fair
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date: Notes:	JOINTS, AND EXTERIO THOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST)	Super:	4 Poor
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 comments -	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST)	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection BRIDGE RAIL: M	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CR D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 comments - ODERATE RUST.	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC	Super: Substr:	4 Poor
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 nspection Date: Notes: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CR D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 comments - ODERATE RUST. SEALED AT CENTERLI	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTU	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT D MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTU JOINTS, RELIEF	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM D BACKWALLS. LIGHT (R D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTU JOINTS, RELIEF BEARINGS, ANC	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM D BACKWALLS. LIGHT (R D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. IND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS.	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 INSPECTION DATE: NOTURES: MHC - INSPECTION BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTURE BEARINGS, ANC SUBSTRUCTURE	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM D BACKWALLS. LIGHT CR D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO CHOR BOLTS LIFTED AT E: MINOR TO LIGHT CRA	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 INSPECTION DATE: NOTES: MHC - INSPECTION BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTU JOINTS, RELIEF BEARINGS, ANC SUBSTRUCTURI ABUTMENTS AN PICTURES: B45	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM BACKWALLS. LIGHT CR DBACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (4	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS.	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURI ABUTMENTS AN PICTURES: B46 INSPECTION Date: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTU JOINTS, RELIEF BEARINGS, ANC SUBSTRUCTURI ABUTMENTS AN PICTURES: B45- 92. SPALLS BEH	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM BACKWALLS. LIGHT (R DBACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 COMMENTS - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT E: MINOR TO LIGHT (R DBACKWALLS. LIGHT (4 UND GRANITE CURBST(R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS.	Super: Substr:	4 Poor 6 Satisfactory
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 INSPECTION DATE: NOTES: MHC - INSPECTION BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTURE SUBSTRUCTURES BEARINGS, ANC SUBSTRUCTURES ABUTMENTS AN PICTURES: B45- 92. SPALLS BEH 93. GRANITE CU	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM D BACKWALLS. LIGHT CR D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT E: MINOR TO LIGHT CR D BACKWALLS. LIGHT (4 IND GRANITE CURBSTO RBSTONES CRACKED /	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. IND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS.	Super: Substr: Culvert: Deck:	4 Poor 6 Satisfactory N N/A (NBI) 5 Fair
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date: Notes: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTURE JOINTS, RELIEF BEARINGS, ANC SUBSTRUCTURE ABUTMENTS AN PICTURES: B45. 92. SPALLS BEH 93. GRANITE CU Inspection Date: Notes:	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 COMMENTS - ODERATE RUST. SEALED AT CENTERLI ORTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (4 IND GRANITE CURBST(RBSTONES CRACKED A 11/27/2012	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT D MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. DNES. AND TIPPED AT NORTHWEST.	Super: Substr: Culvert: Deck: Super:	4 Poor 6 Satisfactory N N/A (NBI) 5 Fair 4 Poor
JOINTS, RELIEF BEARINGS, ANC BEARINGS. SUBSTRUCTURE ABUTMENTS AN PICTURES: B46 Inspection Date: NOTES: MHC - inspection BRIDGE RAIL: M DECK: ASPHALT NORTHWEST. M DELAMINATIONS SUPERSTRUCTURE SUBSTRUCTURES: B45 92. SPALLS BEH 93. GRANITE CU INTS, RELIEF BEARINGS, ANC SUBSTRUCTURES: B45 92. SPALLS BEH 93. GRANITE CU INSPECTION DATE: NOTES: JEL inspection co	JOINTS, AND EXTERIO HOR BOLTS AT ABUTM D BACKWALLS. LIGHT CRA D BACKWALLS. LIGHT (7. 1-14 (SEE PICTURE L 03/18/2013 Comments - ODERATE RUST. SEALED AT CENTERLI ODTAR CRACKED, AND S, MINOR SPALLS, AND JRE: PAINT CRACKED A JOINTS, AND EXTERIO HOR BOLTS LIFTED AT E: MINOR TO LIGHT CRA D BACKWALLS. LIGHT (4 IND GRANITE CURBSTO RBSTONES CRACKED (11/27/2012	R FLANGES. HEAVY RUST AT MOVABLE ENTS. BOLTS LIFTED AT SEVERAL PIER ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. .IST) Inspector: MHC NE. GRANITE FACING CRACKED AND TIPPED AT D MISSING AT MOST JOINTS. CRACKS, LIGHT LEAKING AT SOFFIT. ND FLAKING. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST UNDER EXPANSION R FLANGES. HEAVY RUST AT MOVABLE SEVERAL PIER BEARINGS. ACKS, DELAMINATIONS, AND SPALLS AT CRACKS, MINOR SPALLS AT PIERS. DNES. AND TIPPED AT NORTHWEST.	Super: Substr: Culvert: Deck: Super:	4 Poor 6 Satisfactory N N/A (NBI) 5 Fair

Inspection History:

SOFFIT- FINE CRACKS, LIGHT LEAKING, JOINTS REPAIRED AND SEALED AT CUI ON SOUTH EXPANSION JOINT, ONE MIS SUPERSTRUCTURE:PAINT CRACKED W HEAVY RUST UNDER EXPANSION AND FLANGES REPAIRED AND PRIMED AND #5 AT BOTTOM OF WEBS IN SPAN #3 AN EXPANSION JOINT. 16" VERTICAL CRAC GIRDER #1 IN SPAN #3. REPAIRED WITH FLANGE BY B.O.B.M. SUBSTRUCTURE: FINE AND LIGHT CRAC PATCHES CRACKED IN ABUTMENTS, SU	Inspector: MTC GHT TO MODERATE SPALLS, REBAR EXPOSED. MEDIUM SPALLS AND DELAMINATIONS. RELIEF RBS. FINGERS JOINT HAS SEVENTEEN MISSING SSING FINGER ON NORTH. "ITH LIGHT FLAKING AND PEELING. LIGHT RUST; RELIEF JOINTS AND IN AREAS ON EXTERIOR PAINT.HEAVY RUST AND PITTING AT BEAMS #4 & ND BEAMS #1, #4, & #5 AT SPAN #4 UNDER CK ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF H A PLATES AND BOLTED AT WEB AND BOTTOM ACKS, MINOR AND LIGHT DELAMINATIONS, EATS, BACKWALLS AND WINGS. LIGHT AND (HEAVY DIRT AND DEBRIS BUILD-UP ON SEATS. ING AT WATERLINE AND SMALL POP OUTS AT	Super: Substr:	5 Fair 4 Poor 6 Satisfactory N N/A (NBI)
SEALED. CURBS LIGHT TO MODERATE S DRAINS PLUGGED WITH DEBRIS. RAIL SOFFIT- FINE CRACKS, LIGHT LEAKING, AT RELIEF JOINTS. FINGER JOINT SEVE SOUTH, FIFTEEN MISSING AND ONE AT APPROACH JOINT LOUD AND HOLLOW SUPERSTRUCTURE: LIGHT RUST; HEA AREAS MINOR SECTION LOSS ON EXTE BRACING GUSSETS AND MEMBERS UN SECTION LOSS IN WEBS AT WELDED G RELIEF JOINTS. 16" VERTICAL CRACK GIRDER #1 IN SPAN #3 (REPAIRED BY E NEARLY HOLED THROUGH AT SPAN #3 INTERIOR EDGE OF BOTTOM FLANGE F HEAVY RUST ON SOUTH WITH SECTION NORTH. SOUTH ROCKER #3 LIFTED UP SUBSTRUCTURE: FINE AND LIGHT CRA	VY UNDER RELIEF AND EXPANSION JOINTS. FEW EROIR GIRDER FLANGES WITH HEAVY LOSS ON DER RELIEF JOINTS. SMALL AREAS OF HEAVY USSET PLATE BRACING ATTACHMENTS UNDER ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF BOBM, BOLTED WEB AND FLANGE PLATES). BEAM #5 AT BOTTOM OF WEB NEAR FLANGE. RUSTED TO 7/8 INCH IN SAME AREA. BEARINGS- N LOSS ON ANCHOR BOLTS. MODERATE RUST AT P TO 1/4 INCH DUE TO DEBRIS BUILD UP. ACKS, MINOR AND LIGHT DELAMINATIONS, EATS, BACKWALLS AND WINGS. LIGHT AND	Super: Substr:	5 Fair 4 Poor 6 Satisfactory N N/A (NBI)
PICTURE: B431. 18.DELAMINATION IN BAY 3 SPAN 5. 19.CURB SPALLED AT WEST. 20.DELAMINATION IN SPAN 2 BAY 1. 21SPALL WITH REBAR EXPOSED SPAN 22.BEARINGS # 3,4 DEBRIS COVERED C 23.JOINT AT SOUTH BROKEN AND SLAF 24.ASPHALT POTHOLED AT SOUTH IN S	DN SOUTH. PPING.		

Bureau of Bridge Design Existing Bridge Section

Inspection History:

Inspection Date: 03/15/2012	Inspector: MTC	Deck:	5 Fair
Notes:		Super:	4 Poor
MTC inspection comments -		Substr:	6 Satisfactory
DECK: ASPHALT- SEVERAL CRACK AREAS. CRACKED AND DEPRESSI LIGHT TO MODERATE SPALLS, REE AT CURBS WITH LOOSENED CURBSI DEBRIS. DEICING SYSTEM INSTALL LEAKING, MEDIUM DELAMINATIONS CURBLINES. FINGERS JOINT HAS SONE MISSING FINGER ON NORTH. SUPERSTRUCTURE: (SEE 12/27/12 F EXPANSION JOINTS. FEW AREAS M FLANGES WITH HEAVY LOSS ON BI JOINTS. SMALL AREAS OF HEAVY BRACING ATTACHMENTS UNDER R #1, SPAN #3 AND NEARLY HOLED T BOTTOM FLANGES RUSTED TO 7/8 SOUTH WITH SECTION LOSS ON A ROCKER #3 LIFTED UP TO 1/4 INCH SUBSTRUCTURE: FINE AND LIGHT PATCHES CRACKED IN ABUTMENT MEDIUM SPALLS IN BACKWALLS.	AS, LIGHT DEPRESSIONS AND HOLLOW SOUNDING IN ED AREA IN SPAN FOUR NEAR CENTERLINE. CURBS- BAR EXPOSED. HEAVY DIRT AND DEBRIS BUILD UP STONES. SEVERAL DECK DRAINS PLUGGED WITH LED AT CENTERLINE.SOFFIT- FINE CRACKS, LIGHT S. MODERATE LEAKING AT RELIEF JOINTS AT SEVENTEEN MISSING ON SOUTH EXPANSION JOINT, REPORT) LIGHT RUST; HEAVY UNDER RELIEF AND MINOR SECTION LOSS ON EXTEROIR GIRDER RACING GUSSETS AND MEMBERS UNDER RELIEF SECTION LOSS IN WEBS AT WELDED GUSSET PLATE RELIEF JOINTS. ONE INCH HOLE IN WEB OF GIRDER 'HROUGH IN SPAN 5 AND INTERIOR EDGES OF INCH IN SAME AREA. BEARINGS- HEAVY RUST ON NCHOR BOLTS. MODERATE RUST AT NORTH. SOUTH DUE TO DIRT BUILD UP. 'CRACKS, MINOR AND LIGHT DELAMINATIONS, S, SEATS, BACKWALLS AND WINGS. LIGHT AND /ERY HEAVY DIRT AND DEBRIS BUILD-UP ON SEATS. OURING AT WATERLINE AND SMALL POP OUTS AT	Culvert:	N N/A (NBI)

PICTURE: B423. 38. TRAVEL LANE IN SOUTHBOUND LANE SETTLED. Bureau of Bridge Design Existing Bridge Section

11:04 Inspecti

Inspection Date:	12/27/2011	Inspector: MTC	Deck:	5 Fair
Notes:			Super:	4 Poor
MTC inspection of	comments -		Substr:	6 Satisfactor
DECK:SEAM AT	CENTERLINE FOR DI	EICING SYSTEM INSTALLED AT CENTERLINE		N N/A (NBI)
SEALED.CURBS	LIGHT TO MODERAT	TE SPALLS, REBAR EXPOSED.SEVERAL DECK		
DRAINS PLUGG	ED WITH DEBRIS. RA	AIL MODERATE RUST, PAINT POOR, LIGHT DAMAGE.		
		NG, MEDIUM DELAMINATIONS. MODERATE LEAKING		
AT RELIEF JOIN	TS. FINGER JOINT SE	EVERAL WELDED REPAIRS MADE TO FINGERS ON		
,		AT NORTH. PATCHED AREA AT SOUTHEAST		
	NT LOUD AND HOLLC			
	,	IEAVY UNDER RELIEF AND EXPANSION JOINTS. FEW		
		XTEROIR GIRDER FLANGES WITH HEAVY LOSS ON		
		UNDER RELIEF JOINTS. SMALL AREAS OF HEAVY		
	_	D GUSSET PLATE BRACING ATTACHMENTS UNDER		
		CK ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF		
	(Y BOBM, BOLTED WEB AND FLANGE PLATES).		
-		#3 BEAM #5 AT BOTTOM OF WEB NEAR FLANGE.		
		E RUSTED TO 7/8 INCH IN SAME AREA. BEARINGS-		
		TION LOSS ON ANCHOR BOLTS. MODERATE RUST AT		
		UP TO 1/4 INCH DUE TO DEBRIS BUILD UP.		
		CRACKS, MINOR AND LIGHT DELAMINATIONS,		
		, SEATS, BACKWALLS AND WINGS. LIGHT AND		
MEDIUM SPALLS	S IN.VERY HEAVY DI	RT AND DEBRIS BUILD-UP ON SEATS		

PICTURE: B417. 36.BEAM #4 SPAN 3 RUST AND PITTING. 37.BEAM 5 SPAN 3 EXTERIOR SIDE. 38.BEAM 5 SPAN 3 INTERIOR RUSTED AND PITTING. 39.REPAIRS AT BEAM 1 SPAN 3 EXTERIOR WEB. 40.REPAIRS AT BEAM 1 SPAN 3 INTERIOR WEB. 41.REPAIRS AT BEAM 1 SPAN 3 INTERIOR WEB. 42.BEAM 1 SPAN 4 EXTERIOR WEB RUSTED AND PITTING. 43.BEAM 1 SPAN 3 INTERIOR WEB SCALING 44.BEAM 4 SPAN 4 SCALING. 45.BEAM 5 SPAN 4 RUSTED AND PITTING. 46.BEAM 5 SPAN 4 RUSTED AND PITTING.

Bureau of Bridge Design **Existing Bridge Section**

Inspection History:

Inspection Date: 12/14/2011 Inspector: NJL Deck: 5 Fair Super: 5 Fair Notes: NJL inspection comments -DECK: ASPHALT- RESURFACED, SEAM AT CENTERLINE. DEICING SYSTEM INSTALLED Culvert: N N/A (NBI) AT CENTERLINE, CRACK SEALED. CURBS-LIGHT TO MODERATE SPALLS, REBAR EXPOSED. LOOSENED CURBSTONES FULL LENGTH AT EAST AND WEST. CONCRETE CORE SAMPLES DRILLED AT SOUTHEAST. SEVERAL DECK DRAINS PLUGGED WITH DEBRIS. STEEL ANGLE RAIL- MODERATE RUST, PAINT POOR, LIGHT DAMAGE. SOFFIT-FINE CRACKS, LIGHT LEAKING, MEDIUM DELAMINATIONS. MODERATE LEAKING AT RELIEF JOINTS AT CURBLINES. JOINTS- SEVERAL WELDED REPAIRS MADE TO FINGERS ON SOUTH, FIFTEEN MISSING. PATCHED AREA AT SOUTHEAST APPROACH; JOINT LOUD AND HOLLOW SOUNDING. ONE FINGER MISSING ON NORTH. RUSTED. SUPERSTRUCTURE: LIGHT RUST; HEAVY UNDER RELIEF AND EXPANSION JOINTS. FEW AREAS MINOR SECTION LOSS ON EXTEROIR GIRDER FLANGES WITH HEAVY LOSS ON BRACING GUSSETS AND MEMBERS UNDER RELIEF JOINTS. SMALL AREAS OF HEAVY SECTION LOSS IN WEBS AT WELDED GUSSET PLATE BRACING ATTACHMENTS UNDER RELIEF JOINTS. 16" VERTICAL CRACK ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF GIRDER #1 IN SPAN #3, UNDER RELIEF JOINT AND NEARLY HOLED THROUGH IN SPAN #5, INTERIOR EDGES OF BOTTOM FLANGES RUSTED TO 7/8 INCH IN SAME AREA. BEARINGS- HEAVY RUST ON SOUTH WITH SECTION LOSS ON ANCHOR BOLTS. MODERATE RUST AT NORTH. SOUTH ROCKER #3 LIFTED UP TO 1/4 INCH DUE TO DIRT BUILD UP. SUBSTRUCTURE: FINE AND LIGHT CRACKS, MINOR AND LIGHT DELAMINATIONS, PATCHES CRACKED IN ABUTMENTS, SEATS, BACKWALLS AND WINGS. LIGHT AND MEDIUM SPALLS IN BACKWALLS. VERY HEAVY DIRT AND DEBRIS BUILD-UP ON SEATS. FEW FINE CRACKS AND MINOR SCOURING AT WATERLINE AND SMALL POP OUTS AT CONSTRUCTION JOINTS ON PIERS.

PICTURE: B416.

64. BEARING #4 AT NORTH ABUTMENT, NUT RUSTED AND BOLT LIFTED. 65. CROSS BRACING RUSTED AND HOLED AT #5 GIRDER, SPAN #4 UNDER RELIEF JOINT. 66. 16" VERTICAL CRACK ADJACENT TO 1 1/2 BY 2 1/2 HOLE IN WEB OF GIRDER #1 IN SPAN #3.

67. INSIDE VIEW OF CRACK AND HOLE IN GIRDER #1, SPAN #3, UNDER RELIEF JOINT.

Bureau of Bridge Design Existing Bridge Section

Lebanon 044/103

Substr: 6 Satisfactory

Inspection History:

nspection Date: 06/13/2011	Inspector: NJL		5 Fair
Notes:		•	6 Satisfactor
NJL inspection comments -		Substr:	6 Satisfactor
DECK: ASPHALT- SEVERAL CRACKS, L AREAS. CRACKED AND DEPRESSED A LIGHT TO MODERATE SPALLS, REBAR AT CURBS WITH LOOSENED CURBSTOI DEBRIS. DEICING SYSTEM INSTALLED MODERATE RUST, PAINT POOR, LIGHT LEAKING, MEDIUM DELAMINATIONS. M CURBLINES. JOINTS- WELDED REPAIF SOUTH EXPANSION JOINT, ONE MISSIN SUPERSTRUCTURE: LIGHT RUST; HEA AREAS MINOR SECTION LOSS ON EXTE BRACING GUSSETS AND MEMBERS UN SECTION LOSS IN WEBS AT WELDED G RELIEF JOINTS. ONE INCH HOLE IN WE THROUGH IN SPAN 5 AND INTERIOR ED IN SAME AREA. BEARINGS- HEAVY RUS BOLTS. MODERATE RUST AT NORTH. TO DIRT BUILD UP. SUBSTRUCTURE: FINE AND LIGHT CRA PATCHES CRACKED IN ABUTMENTS, SI MEDIUM SPALLS IN BACKWALLS. VERY FEW FINE CRACKS AND MINOR SCOUR CONSTRUCTION JOINTS ON PIERS.	Cuiven:	N N/A (NBI)	
02. NORTHWEST APPROACH IN SOUTH	BOUND LANE, CRACKED SETTLED AND PATCHED.	D 1	5 Fair
02. NORTHWEST APPROACH IN SOUTH Inspection Date: 03/19/2009	BOUND LANE, CRACKED SETTLED AND PATCHED. Inspector: JEL		5 Fair
02. NORTHWEST APPROACH IN SOUTH Inspection Date: 03/19/2009 Notes:		Super:	6 Satisfactor
PICTURE: B399- 02. NORTHWEST APPROACH IN SOUTH Inspection Date: 03/19/2009 Notes: JEL inspection comments - STEEL ANGLE RAIL: MODERATE RUST;	Inspector: JEL	Super: Substr:	6 Satisfactor 6 Satisfactor
22. NORTHWEST APPROACH IN SOUTH Inspection Date: 03/19/2009 Notes: JEL inspection comments - STEEL ANGLE RAIL: MODERATE RUST; DECK: FINE CRACKS, LIGHT LEAKING, I MODERATE SPALLS AND LOOSE CURB. MODERATE LEAKING AT RELIEF JOINTS WITH NINE MISSING ON SOUTH EXPAN. FEW CRACKS IN PAVEMENT; SOME SEM MANY SCUPPERS PLUGGED. CRACKEL SPAN FIVE. SUPER: LIGHT RUST; HEAVY UNDER R MINOR SECTION LOSS ON EXTEROIR G GUSSETS AND MEMBERS UNDER RELID LOSS IN WEBS AT WELDED GUSSET PL	Inspector: JEL	Super: Substr:	

PICTURES B360-

10: CRACKED AND DEPRESSED AREA NEAR CENTERLINE SPAN FIVE. DRIVING LANE 11: NINE FINGER JOINTS MISSING AT SOUTH DECK END.

12: DIRT AND DEBRIS BUILD UP AT CURBS, TYPICAL.

Bureau of Bridge Design Existing Bridge Section

Inspection History:					
DECK: FINE CRA MODERATE SPA AT CURBLINES. EXPANSION JOII SEALED. SEVEF SUPER: LIGHT F MINOR SECTION GUSSETS AND M LOSS IN WEBS A JOINTS; ONE IN THROUGH IN SP IN SAME AREA. BOLTS; MODERA INCH DUE TO DI SUB: FINE AND CRACKED IN AB IN BACKWALLS. CRACKS AND MI CONSTRUCTION PICTURES A2200 10: TYPICAL HEA 11: HEAVY SECT #4 UNDER RELIE 12: GIRDER #1 W AT RELIEF JOIN	OMMENTS - AIL: MODERATE RUS ACKS, LIGHT LEAKING ULS AND LOOSE CUP WELDED REPAIRS T NT, CRACKED FINGE RUST; HEAVY UNDER I LOSS ON EXTEROIF ACMENTS UNDER RE AT WELDED GUSSET ICH HOLE IN WEB OF PAN 5 AND INTERIOR HEAVY RUST ON NORTH RT BUILD UP. LIGHT CRACKS, MINO UTMENTS, SEATS, BU VERY HEAVY DIRT A INOR SCOURING AT V I JOINTS ON PIERS. AVY DIRT BUILD UP A FION LOSS TO BRACII EF JOINT.	Inspector: WBL T; PAINT POOR; LIGHT DAMAGE. B; MEDIUM DELAMINATIONS. CURBS CRACKED WITH RBSTONES. MODERATE LEAKING AT RELIEF JOINTS O FINGERS WITH FOUR MISSING ON SOUTH R ON NORTH. FEW CRACKS IN PAVEMENT; SOME B STONES. MANY SCUPPERS PLUGGED. RELIEF AND EXPANSION JOINTS. FEW AREAS G GIRDER FLANGES WITH HEAVY LOSS ON BRACING LIEF JOINTS. SMALL AREAS OF HEAVY SECTION PLATE BRACING ATTACHMENTS UNDER RELIEF GIRDER #1, SPAN #3 AND NEARLY HOLED EDGES OF BOTTOM FLANGES RUSTED TO 7/8 INCH UTH BEARINGS. SOUTH ROCKER #3 LIFTED UP TO 1/4 OR AND LIGHT DELAMINATIONS, PATCHES ACKWALLS AND WINGS; LIGHT AND MEDIUM SPALLS AND DEBRIS BUILD-UP ON SEATS. FEW FINE WATERLINE AND SMALL POP OUTS AT T NORTH ABUTMENT BEARINGS. NG FRAME AND GUSSET PLATE, GIRDER #5, SPAN ING FRAME GUSSET PLATE ATTACHMENT, SPAN #3	Super: Substr:	5 Fair 6 Satisfactory 6 Satisfactory N N/A (NBI)	
14: VERY HEAVY MODERATE SPA	/ DIRT BUILD UP WITH ILLS IN BACKWALLS.	IONS IN UNDERSIDE OF DECK. H BEARING #3 LIFTED 1/4 +/- INCH. TYPICAL			
nspection Date: 09/17/2003 Inspector: WBL Notes: Sufficiency Rating Calculation Accepted by DEP at 07/29/2004 09:41:19 WBL inspection comments - STEEL ANGLE RAIL: MODERATE RUST; PAINT POOR; LIGHT DAMAGE. DECK: FINE CRACKS, LIGHT LEAKING, MEDIUM DELAMINATIONS. CURBS CRACKED WITH MODERATE SPALLS AND L			Super: Substr:	5 Fair 6 Satisfactory 6 Satisfactory N N/A (NBI)	
WBL inspection c STEEL ANGLE R	g Calculation Accepted omments - WALK ARO AIL: MODERATE RUS	Inspector: WBL by DEP at 10/15/2002 14:31:19 WND INSPECTION ST; PAINT POOR; LIGHT DAMAGE. G, MEDIUM DELAMINATIONS. CURBS CRACK	Super: Substr:	5 Fair 7 Good 6 Satisfactory N N/A (NBI)	
Inspection Date: Notes: Sufficiency Rating STEEL ANGLE R DECK: FINE CR/	08/10/1999 9 Calculation Accepted AIL: MODERATE RUS ACKS, LIGHT LEAKING	Inspector: BEP by DEP at 03-24-2000 15:57:18 T; PAINT POOR; LIGHT DAMAGE. G, MEDIUM DELAMINATIONS. CURBS CRACKED RBSTONES. MODERATE	Super: Substr:	5 Fair 7 Good 6 Satisfactory N N/A (NBI)	

Inspection History:

Inspection Date:	05/01/1997	Inspector: Not Available	Deck: 5 Fair
Notes:			Super: 7 Good
Sufficiency Rating Calculation Accepted by DEP at 12-23-98 08:05:16			Substr: 7 Good
		Culvert: N N/A (NBI)	
Inspection Date:	04/01/1995	Inspector: Not Available	Deck: 6 Satisfactory
Notes:			Super: 8 Very Good
		Substr: 7 Good	
			Culvert: N N/A (NBI)
Inspection Date:	07/01/1993	Inspector: Not Available	Deck: 6 Satisfactory
Notes:		-	Super: 8 Very Good
			Substr: 7 Good
			Culvert: N N/A (NBI)

Bridge Lighting and Utilities: DEICING SYSTEM INSTALLED IN PAVEMENT AT CENTERLINE.

Copy Distribution:

- (2) Bureau of Municipal Hghways(3) Bureau of Municipal Hghways
- Bureau of Turnpikes

Border State
 Bureau of Rail and Transit
 Army Corps Of Engineers
 Railroad

Dept. of Res. and Econ. Dev.
Dept. of Environmental Services
USDA Forest Service
Bureau of Traffic

Bureau of Bridge Design Existing Bridge Section