

Attachment 1

Most Recent Inspection Report for B61-0059



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Inspection Report for
B-61-059

STH 121 over SPORT VALLEY CREEK
Mar 09,2017



Type	Prior	Frequency (mos)	Performed
Routine	10-17-16	12	X
SIA Review	10-17-16	48	

Latitude	44°25'31.53"N	Owner	STATE HIGHWAY DEPT
Longitude	91°28'41.62"W	Maintainer	STATE HIGHWAY DEPT

Time Log

Team members

Hours	Minutes	
0	35	

Inspector	Name	Number	Signature	Date
	Balsiger, Lee	6011	<i>Lee Balsiger</i> E-signed by Lee M Balsiger(leebalsiger)	03-10-17

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Identification & Location

Feature On: STH 121	Section Town Range: S33 T23N R09W	Structure Number:
Feature Under: SPORT VALLEY CREEK	County: TREMPEALEAU	B-61-059
Location 0.1M E JCT CTH V	Municipality: CHIMNEY ROCK	Structure Name:

Geometry

measurements in feet, except where noted

Approach Roadway Width: 34	Bridge Roadway Width: 34.0	Total Length: 32.6
Culvert Barrel Length: 82.2	Culvert Width: 8.0	Culvert Height: 7.0

Traffic

Lanes	ADT	ADT year	Traffic Pattern
On 2	240	2015	TWO WAY TRAFFIC

Capacity

Load Rating

Inventory rating: HS12	Overburden depth (in): 72.0	Last rating date: 12-11-14	Controlling:
Operating rating: HS20	Deck surface material: BITUMINOUS	Re-rate for capacity (Y/N):	Control location:
Posting:	Re-rate notes:		

Hydraulic

Classification

Scour Critical Code(113): (8) STABLE-ABOVE TOP FOOTING	Q100 (ft3/sec): 1700	
High water elevation (ft): 840.8	Velocity (ft/sec): 10.1	Sufficiency #:

Span(s)

Span #	Material	Configuration	Depth (in)	Length (ft)	Main
1	CONT CONCRETE	BOX CULVERT		8.0	
2	CONT CONCRETE	BOX CULVERT		8.0	Y
3	CONT CONCRETE	BOX CULVERT		8.0	

Clearance

Item	File Measurement (ft)	File Date	New Measurement (ft)
Highway Min Vertical On Cardinal			
Horizontal On Cardinal			

Construction History

Year	Work Performed	FOS id
1980	NEW STRUCTURE	7735-01-71

Maintenance Items History

Item	Recommended by	Status	Status change	Year completed
Misc - Other Work	Kovaleski, William J (8007)	REJECTED	10/19/16	
Repair failed wing walls.				
Channel - Remove Debris	Balsiger, Lee (6011)	COMPLETE	10/19/16	2016
Remove brush/debris from ends of culvert.				

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Structure No.: **B-61-059**

Maintenance Items

Item	Priority	Recommended by	Status	Status change
Misc - Other Work	MEDIUM	Balsiger, Lee (6011)	IDENTIFIED	10/19/16
Replace/Repair SW wing				

Elements

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
						1	2	3	4
X	241		Reinforced Concrete Culvert Channel directed to center barrel with 1ft stub walls on apron.	LF	245	193	45	7	0
		1080	Delamination - Spall - Patched Area Spalling at west end in south barrel.	LF		0	0	2	0
		1130	Cracking (RC) NORTH: ~10 transverse cracks CENTER: ~10 transverse cracks, few with EFF. SOUTH: ~15 transverse crack, few with heavy leaching/EFF. ~15ft horizontal crack on south wall near west end of barrel.	LF		0	45	5	0

Assessments

Chk	Element	Defect	Description	UOM	Total	Quantity in Condition State			
						1	2	3	4
X	9248		Culvert End Treatment SW wing heavily spalled & cracked and tipped in. SE wing replaced in 2016.	EA	2	1	0	0	1
X	9325		Roadway Over Structure Rutting and cracking, but the same as the rest of the road.	EA	1	0	1	0	0

NBI Ratings

	File	New
Deck	N	N
Superstructure	N	N
Substructure	N	N
Culvert	5	6
Channel	7	7
Waterway	8	8

Structure Specific Notes

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Inspection Specific Notes

Broken & distorted wings appear to have little to no affect on the above rdwy. Repair needed soon - could remove wings and line boxes.
 Monitor wingwalls. Replace wings with any scheduled road work.

Inspector Site-Specific Safety Considerations

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Structure Inspection Procedures

Walk-thru

Special Requirements

	Chk	Hours	Cost	Comments
Other Access Equipment	X			Boots

**Underwater Probe Form
B-61-059**

General Site Conditions - Scour

General Site Conditions - Embankment Erosion/Conditions

Substructure Notes

Unit	Max Water Depth(ft)	Mode	Notes
Cardinal	0.4	Wade	
Non Cardinal	0.4	Wade	

Routine
Document Comment/Description

SW wing



Routine
Document Comment/Description

South barrel - middle

