



CATEGORY D2-P
REINSPECTION
COST : \$2,827.16
POSTING STATUS: P

LEHIGH COUNTY BRIDGE NO. 6
LOCATION: SOUTH WHITEHALL TOWNSHIP
WEHR'S BRIDGE
WEHR MILL ROAD OVER JORDAN CREEK
CUSTODIAN: LEHIGH COUNTY

BMS NO. 39710305979006

DATE OF INSPECTION: MAY 10, 2011
INSPECTOR: SCOTT KLINE
DAVE ZIEGLER

Confidential - Structure Safety Inspection Study

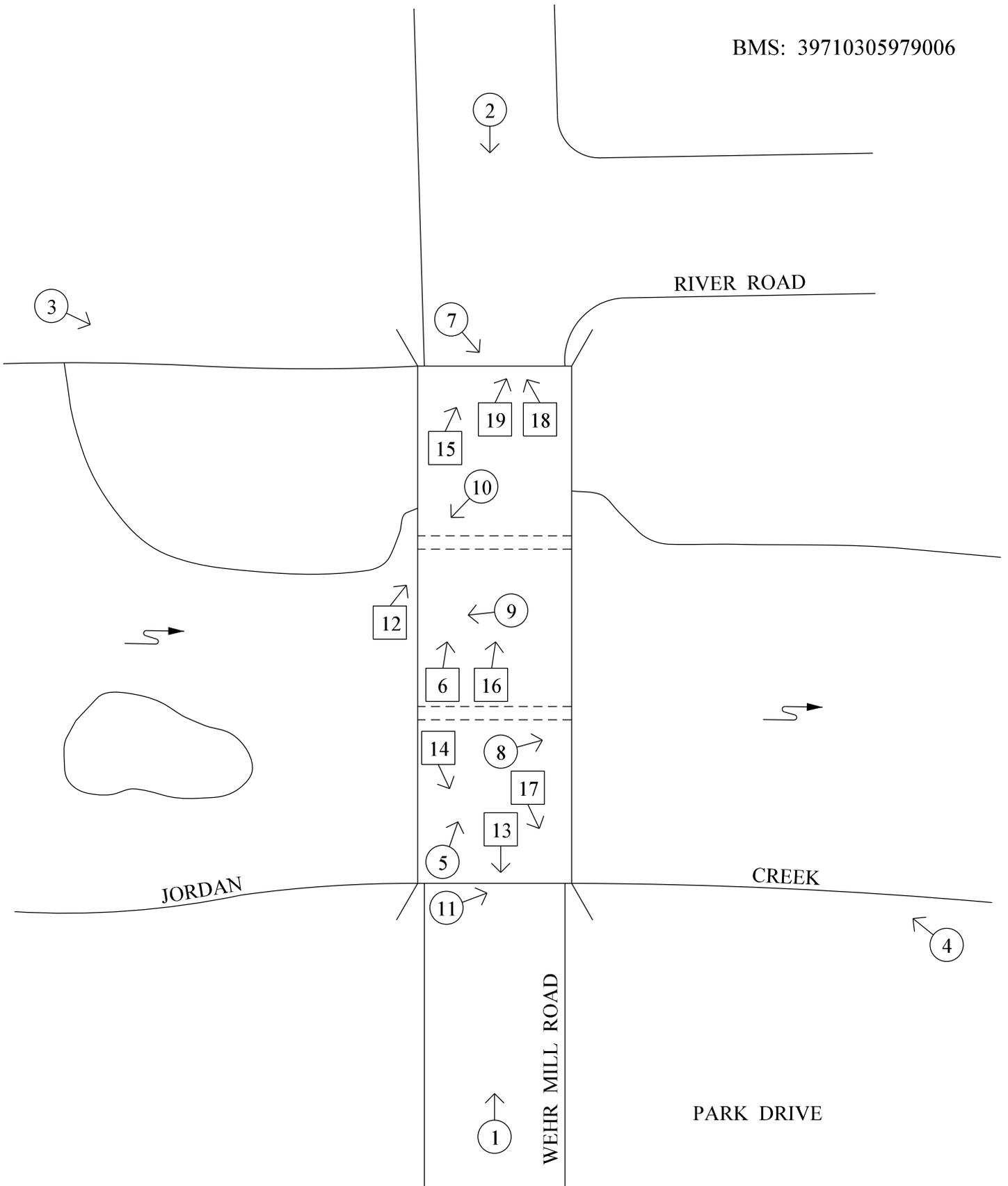
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Prepared for: County of Lehigh
17 South Seventh Street
Allentown, PA 18101

Prepared by: STV Incorporated
205 West Welsh Drive
Douglassville, PA 19518



Barry K. Moyer
6/1/2011



PHOTOGRAPH IDENTIFICATION AND ORIENTATION

-  AT GRADE PHOTOGRAPH
-  UNDER STRUCTURE PHOTOGRAPH



1. The approach roadway, looking from the near side.



2. The approach roadway, looking from the far side.



3. Elevation view, looking downstream toward the bridge.



4. Elevation view, looking upstream toward the bridge.



5. View of the top deck surface, looking from the near left.



6. View underneath span 2, looking toward the pier 2.



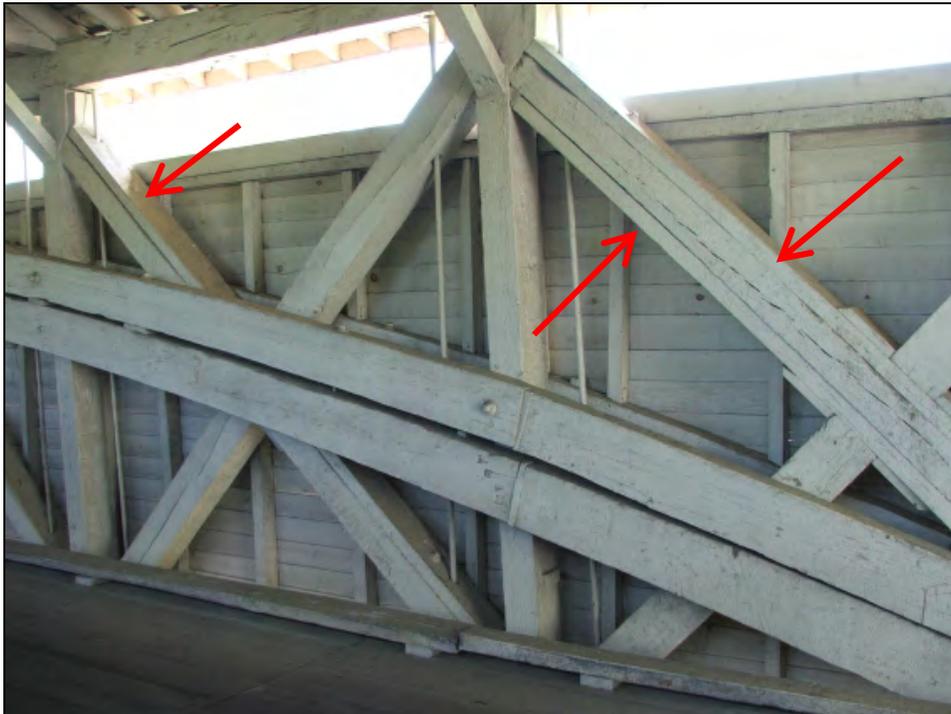
7. View of newer deck planks at the far end.



8. View of a void in the right U3, note the strengthening repair.



9. View of the bent rod.



10. View of typical strengthening repairs.

BMS NUMBER: 39710305979006



11. Bituminous patch and sealant across near transition.

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12. View of small grout bags at the upstream nose of pier 2.



13. Vertical crack in the concrete across the top of the near abutment.



14. Typical view of stiffened stringers with steel channel.



15. View of the typical stringers at the far abutment.



16. Loose king post (missing and loose bolts) on the left side of FB #3 in span 2.



17. View of the floor beam 2 in span 1 with wide checking.



18. View looking at the far end of stringer 3.



19. At the far abutment, extra timber planks cantilever from the original rotten stringers, seen here at stringer #4.

5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

1A09 Inspection Status: 2 - Submitted
7A02 Team Leader: 1501 STV Incorporated/Dona Kline
7A03 Inspection Type: I - Interim (special)
7A05 Inspected By: 8 - Consulting Firm

Structure Description

5A08 FHWA Facility Carried: WEHRS COVERED
5A07 Features Intersected: JORDAN CREEK
5A09 Location: WEHR'S BRIDGE
5C01 Roadway Name: WEHRS COVERED
5A06 City / Borough Name: 39/103 - SOUTH WHITEHALL

Structure Type

Main

6A26 Material Makeup: 5 - Timber
6A27 Physical Makeup: 9 - Other or none
6A28 Span Interaction: 8 - multiple mat/struc
6A29 Structural Config: 18 - Truss - thru

Approach

6A26 Material Makeup:
6A27 Physical Makeup:
6A28 Span Interaction:
6A29 Structural Config:

5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

Sign Information

Type of Sign	ID01	ID02	ID03	ID06	ID04	ID07	ID05	Comments
	Sign Needed	Sign Message	Near Adv	Near	Bridge Site Far	Far Adv		
0 - Bridge	Yes			G	G	G	N	
1 - Bridge Weight Limit	Yes	10 tons		G	G	G	N	jordan creek sign mounted w/near site sign
2 - Except Combinations	No							
3 - One Truck at a Time	No							
4 - Vertical Clearance On	Yes	9'-0" CLR		G	G	G	N	near advance sign has no distance placard, but is adjacent to load posting sign w/ distance placard
5 - Vertical Clearance Under	No							
6 - One Lane Bridge	Yes				G	G		
7 - Narrow Bridge	No							
8 - Hazardous Clearance	No				G	G		near right sign is facing park entrance
9 - Other	No	stop sign			G	G		stop signs located on each side of bridge

Features Intersected

SR	Seg	6C02	5C03	5B09	5C06	5C29	4A20	4A19	6C18	6C19	6C20	6C21	6C22	6C23	6C24	6B17
		SR ID	On/Under	Skew Angle	Dir	NHS	Min Lat Cl Left	Min Lat Cl Right	Tot Hor Cl Left	Tot Hor Cl Right	Min Vrt Cl Rdwys Left	Min Vrt Cl Rdwys Right	Vrt Cl Over 10ft Left	Vrt Cl Over 10ft Right	VT Sign	ADT
-	-		1	90	N/A	-1	-1.0	-1.0	-1.0	17.0	-1.0	9.0	-1.0	9.0	1	100
			2	0	N/A	-1	-1.0	-1.0	-1.0	-1.0	-1.0	12.5	-1.0	-1.0		-1

5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

6B15 Design Exceptions:
6A50 Sup Latent Problem: _
6A51 Sub Latent Problem: _

Deck Geometry

Table Used for Appraisal: 3 - 2E

Controlling Values

5C10 ADT: 100
5C27 Bridge Road Width: 17.0
4A10 Appraisal: 2 - Intolerable-Replace
Notes: vertical = 9'-00" w/ local roadway

4A11 Underclr Appr: N - Not applicable (NBI)
6B13 Controlling Vertical: -1.0 FT
Controlling Lateral:

Traffic Safety Features

Feature Type	Location	Adequacy Rating	Description	Posted Spd Lmt (mph)
1 - Railing		3 - inadeq for cond	Unprotected timber thru-truss	35
Comment: timber wheel stops 3" x 9": light checking				
2 - Transition		2 - Req not provided	timber guiderail	35
Comment: timber rail not attached to masonry approach walls; masonry walls w/thin concrete facing: light/moderate cracking; some delam. at near right;				
3 - Approach Guiderail		4 - does not meet code 6	timber guiderail	35
Comment: near left: 24' timber guiderail; near right 25' timber guiderail; far left: 12' timber guiderail; far right: 25' timber guiderail around intersection;				
4 - Approach railend		2 - Req not provided	timber guiderail	35
Comment: blunt timber ends; behind curbs at near left and far left; near right and far right have continuous approach guiderail.				

Approach Alignment

4A02 Code: 4 - Minimum Tolerable
Comment: vertical curve and barn limits sight; stop signs at both each of bridge; no speed reduction;

Approach Roadway

6B39 Code: 7 - Good
Pavement: Oil/chip at far. Bituminous at near has moderate wear; few random sealed (partially failed) cracks; heavy sealant along masonry walls; pavement over headers at ends of bridge are have a few cracks and shallow spalling; couple cracks sealed
Drainage: None
Shoulders: n/a

Approach Slab

6B38 Code: N - N/A
Pavement:
6B04 Bump at Bridge: Bump due to pavement being higher than deck at transitions;



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6A39 Relief Joints: 0 - Joints not present **6A41** Number of Joints: -1

Comment:

6B02 New Wearing Surface Under Bridge: No

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Deck Wearing Surface

Main

5B02 Type of Wearing Surface: N - N/A (no deck (NBI))
5B03 Type of Memb. Water-Proof: N - N/A (no deck (NBI))
5B04 Deck Corrosion Protection: N - N/A (no deck (NBI))
6A33 Thickness: 0.0
6A34 Date Recorded: 01/01/1901
6B40 Condition Rating: N - Not applicable
IC02 Dk WS Notes: two courses of timber planks; top longitudinal, bottom transverse;

Approach

6A30 Type of Wearing Surface: _ - Unknown (NBI)
6A31 Type of Memb. Water-Proof: _ - Unknown (NBI)
6A32 Deck Corrosion Protection: _ - Unknown (NBI)
6A33 Thickness: 0.0
6A34 Date Recorded: 01/01/1901

Expansion Joints

6A41 Number of Expansion Joints: -1

Joint Number	VD25 Joint Type	VD26 Movement Class	VD27 Manufacture Code
1	O - Other	A - Up to 2"	G - Unknown

Deck

1A01 Condition Rating: 4 - Poor-advanced section loss, deterioration, spalling or scour.
6B07 Est. Spall Delamination: 0.00 % **6B08** Date: 01/01/1901
6B10 Est. Chloride Content: 0.00 % **6B11** Date: 01/01/1901
1A07 Unrepaired Spalls: -1.00 SF

Deck Top: timber planks (longit.): fairly solid; most planks have longit. checks through the middle (some fairly wide); scattered multiple checks and end splits; few planks toward near end, far end and couple at far end span 1 have light rotting along the checks; There are 8 new planks, need to repalce 38 planks.

Deck Underside: timber planks (transverse) checking; end splits; heavy moisture/discoloration

Deck Drainage: N/A

Expansion Joints: N/A

Deck Notes:

Superstructure

1A04 Condition Rating: 5 - Fair-all primary strutural elements are sound but may have minor section loss, cracking spalling.
Narrative: House is missing siding at far end of right truss

Girders/Beams: n/a

Floorbeams: Notched timber floorbeams with plank strengthening w/timber planks; floorbeams are checked w/some fairly wide;
 FB #5 king post is missing 2 bolts & 2 are loose on left;
 FB #6 king post is missing 1 bolt on left.
 all floorbeams have steel rod and bottom offset (king posts) strengthening

Stringers: timber stringers w/steel channel strengthening; timber has light checking;
 steel channels have pitting; numerous have rust and minor loss across bottom flanges; rust extends into web in span #3 where flange loss is more moderate;
 original timbers are rotted away at far abutment and the channels are too short to bear on seat; the old timber stringers were lengthened w/retrofitted timber that cantilevers to the abutment and bearings. Need at least 1 additional bolt to make stable.

Diaphragms: n/a



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Truss Members: checking typical thru; diagonals and several verticals stiffened w/planks in end bays; old stable void in original timber (L2-U3 on right); bent vertical steel rod (old damage) to right of vertical #6; small voids (stable) in top left chord (U4-U5); arch has a corner split in bottom chord at far left; arch has several minor scrapes/gouges (painted over); the right truss U6 vertical tie rod is bent; horizontal tie rod in top of bay 7 is bent (slight bend in bay 2 and 4). right truss has a heavy split in outside face from U5-U9.

Portals/Bracings: Portal/ sway bracings have several minor scrapes at near and far ends.
timber (top): light checking; steel rods (top): light pitting;
timber (top): checking t/o; steel rods (top): peel/rust; some minor loss in span #3;
steel diagonal bracing under deck has movement under live load

Bearings: n/a

Drainage System: n/a

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5A03

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7A01

Inspection Date: May 10, 2011

1A02 **Substructure Condition Rating:** 5 - Fair-all primary structural elements are sound but may have minor section loss, cracking, spalling.

Notes:

Near Abutment

Backwall: n/a

Bridge Seats: rough/honeycombed conc w/ wide vert stable 1/8" to 1/4" open crack at middle

Cheekwalls: n/a

Stem: masonry: heavy mortar loss at waterline; mortar voids across bottom w/few 3" to 6" (previous report stated 20" not found) deep small voids; previous 3.5' x 3' bulge (5"-6") at bottom right corner appears stable (few cracks);

Wings: both: light mortar deterioration w/several bulges (2"-3") that appear stable (very little cracking);

Footing: n/a

Piles: n/a

IN20 **Scour Undermine:** 1 - Yes

Settlement: None evident

Embank Slope-wall: n/a

Wall Drainage: n/a

Far Abutment

Backwall: n/a

Bridge Seats: timber beam across - heavy moisture staining

Cheekwalls: n/a

Stem: masonry: moderate mortar deterioration in bottom half; small slight bulge at bottom right w/ three cracked stones - unchanged - monitor for possible movement; minor mortar deterioration elsewhere with some patching.

concrete top half: rough/honeycombed; spalled along top edge through middle; vertical 1/8" to 3/16" open crack at left corner;

Wings: Minor mortar deterioration and cracking

Footing: n/a

Piles: n/a

IN20 **Scour Undermine:** 0 - No

Settlement: None evident

Embank Slope-wall: rock at right corner embankment;

Wall Drainage: n/a

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Navigational Control

4A21 Controls Exist: No

4A22 Vert Clearance: 0.00
4A24 Lift Vertical: -1.00
4A23 Horz Clearance: 0.00
4A07 Pier Protection: Not Applicable (N)

Pier Details

5D02 Pier/Bent Number: P01 **IN20** Scour Undermine: No

Condition Summary: masonry faced

Bridge Seats: hairline to 1/32" crack through mortar at far left corner of left pedestal;

Cheekwalls: n/a

Columns/Stems: Masonry faced - light mortar deterioration at bottom (mostly at upstream nose (heaviest area) and along the waterline.

Settlement: None evident; very minor debris at upstream nose

5D02 Pier/Bent Number: P02 **IN20** Scour Undermine: No

Condition Summary: masonry faced

Bridge Seats: minor mortar cracking through mortar at far left corner of right pedestal;

Cheekwalls: n/a

Columns/Stems: light mortar deterioration at waterline
grout bags at u/s nose and near left corner are undercut and some have moved;

footing: not visible

Settlement: none observed.

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Main

6A44 Group: 9 - Group 9
6A45 - 6A48 Critical Rating Factor: 000
6A49 Total Critical Rating Factor: 0

Structure Type (Dept)

6A26 Material Makeup: 5 - Timber
6A27 Physical Makeup: 9 - Other or none
6A28 Span Interaction: 8 - multiple mat/struc
6A29 Structural Config: 18 - Truss - thru

Approach

6A44 Group:
6A45 - 6A48 Critical Rating Factor: 000
6A49 Total Critical Rating Factor: 0

Structure Type (Dept)

6A26 Material Makeup:
6A27 Physical Makeup:
6A28 Span Interaction:
6A29 Structural Config:

Fracture Critical Details

IF01 Location: **IF02** Type: **IF05** FC Stress Category:
IF03 Member:

IF04 Member Detail:
IF06 Notes:



5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

IU00a UW Reviewer Action:
IU00b Reviewer Comments:
IU02 Number of Units: 0 **IU01** Recalculate SCBI: 0 - no recalc needed
IU03 SCBI Source: O - observed **4A08** SCBI: 3 - SC - Unstable
IU04 Overall SCBI: 3 **IU05** SAR: 51.00
IU06 Streambed Material #1: A4 - Alluvium/advanced
IU06 Streambed Material #2:
IU07 Notes: gravel, small cobbles

Current Countermeasures

CM Num	Type	Location	Condition	Subunit
	IU21	IU22	IU23	IU24

Possible Countermeasures

PCM Num	Location	Work Candidate
	IU25	IU26

SAR Calculation Data

IU08 Debris Potential: 1 - Medium
IU09 Trapping Potential: 1 - Medium
IU10 Pressure Flow: 0 - No
IU11 NAB Location: 2 - Right **IU12** FAB Location: 1 - Left
US Left Wingwall
IU13 Presence: 1 - Yes **IU14** Condition: 1 - Good
US Right Wingwall
IU15 Presence: 1 - Yes **IU16** Condition: 1 - Good
Horizontal Debris Blockage
IU17 Start: 0 **IU18** End: 0
Vertical Debris Blockage
IU19 Start: 0 **IU20** End: 0

5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

Sub Unit OSA Data

Observed Scour Rating Components

IN01	IN12	IN13	IN14	IN15	IN19	IN04	IN05	IN06	IN07	IN08	IN09	IN10	IN11	IN03
Sub Unit	Pier/ Abut Type	Inv. Found Type	Found Type	Strmbd Mat	Move Ind	Chg Since Last Insp	Scour Hole	Debris Potential	Scour-ability	Opening Adeq. / Channel	Sediment	Alignment	Velocity/ Stream Slope	Observed Scour Rating
FAB	6	P	5	A4	0	9	9	7	4	8	9	8	6	4
P01	24	P	5	A4	0	8	9	7	4	8	9	8	6	4
NAB	6	P	5	A4	0	7	7	7	4	8	9	8	6	4
P02	24	P	5	A4	0	8	9	7	4	8	9	8	6	4

Other Subunit Details

IN01	IN16	IN18	IN17	IN20	IN21	IN02	IN22	IN23	IU27
Sub Unit	UW Insp Type	Water Dept	Observed Scour Depth	Scour Undermine	Counter-measures	Info from Current Insp	100 yr Flood Calc Scour Depth	500 yr Flood Calc Scour Depth	SCBI Code
FAB	E	0.0	0.0	0	0	1	-1.0	-1.0	3

IN24 Notes: out of normal flow; no scour

P01	E	1.0	0.0	0	0	1	-1.0	-1.0	3
-----	---	-----	-----	---	---	---	------	------	---

IN24 Notes: no scour

NAB	E	2.0	1.7	1	0	1	-1.0	-1.0	3
-----	---	-----	-----	---	---	---	------	------	---

IN24 Notes: scour previously filled in w/poor material, some has washed out again at left corner (no change in original scour depth)

P02	E	1.0	0.0	0	0	1	-1.0	-1.0	3
-----	---	-----	-----	---	---	---	------	------	---

IN24 Notes: no scour; grout bags around u/s nose are undercut and some have moved; light scour out from pier on near side;

Underclearance

IL09	Origin Description: N. FACE OF PIER 1
IL10	Horizontal: 0.0
IL11	Vertical: 14.4
IL12	Notes: UPSTREAM CORNER

5A01

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5A03

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7A01

Inspection Date: May 10, 2011

Channel

1A05

Channel/ Channel Protection Cond. Rating: 5

Channel: straight; flowing through spans 1 & 2; heavily vegetated large deposit from 50' to 100' u/s from pier #1 (3' DEEP). deposit formed 3' downstream from span 2

Scour pocket span 1 18' x 6' x 2.3' of water

Banks: channel contained by gabion basket walls, except far right where there is rock;

Streambed Movements: none

Debris, Vegetation: Very minor debris at upstream nose of pier 1

River Control Devices: dam over 100' upstream w/gabion spurs between dam & bridge; the near spur has failed and the far spur is now buried in deposition

Embank/Strmbed Contr: channel contained by gabion basket walls: no problems; rock slope/gabions at far right;

Drift Other: n/a

Waterway Adequacy

1A06

Appraisal Code: 9

Notes: remote chance over top

IL02

Overtop Risk: R - Remote

IL03

Traffic Delay: I - Insignificant

5C22

Functional Class: 09 - Rural Local

High Water Mark

IL05

Elevation: -1.0

IL06

Date: January 01, 1901

IL07

New High Water Mark: No

Notes: unknown

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Paint Condition

6B36 Paint Cond Rating: 3 - Critical to Poor **6B37** Ext of Paint Cond: 1 - Blast and Paint

6B35 New Paint: 0 - no new paint

Int Beam / Gird: steel channels strengthening timber stringers - rusted w/section loss at flanges;

Fascias: n/a

Splsh Zone Truss Gird: n/a

Truss: n/a

Bearings: n/a

Other: n/a

4B03 Brdge Cap. Appraisal: 0 - >39.9% below

6B16 Controlling: 3 - ML80

4A09 Struct Cond Appraisal: 3

Structure Condition Appraisal Based on

Table 1 using these values:

6B17 ADT: 100

6B18 IR: 10.00

Load Ratings

4B15 Load Rating Review Recommended: Recalc not required

Due To:

IR03 Calculation Date: April 05, 2006

IR02 Rating Approval Date: April 05, 2006

Load Rating Details

	IR10	IR11	IR05	IR06	IR07	IR16	IR14	IR15	IR13	IR12
LOAD TYPE	IR LOAD	OR LOAD	NBI IND	RTNG ANAL METH	CONT MEM TYPE	ANALYSIS ENGINEER	AASHTO MANUAL YEAR	AASHTO SPEC YEAR	OPR GOV CRITERIA	INV GOV CRITERIA
1	6	10	0	2	2		1994	1992	M	M
Notes Description:										
2	10	14	0	2	2		1994	1992	M	M
Notes Description:										
8	8	13	0	2	2		1994	1992	M	M
Notes Description:										
2	10	14	1	2	2		1994	1992	M	M
Notes Description:										
0	8	13	0	2	2		1994	1992	M	M
Notes Description:										

5A01 SR ID: 39710305979006 **5A03** BR Key: 23435 **7A01** Inspection Date: May 10, 2011

IM01 Type of Work	IM03 Action	IM04 Est Qty	UOM	IM05 Priority	IM06 Date Rec	IM08 Target Year	IM11 Ass. WK
Flexible	65 - C743201-PAINT SUPERSTRUCTURE	1	EB	4	05/19/2010	0	No
IM07	Status: 0 - Work not planned		IM15	Notes:			
IM09	Location Paint the wooden house and timber members.						
Flexible	3 - ECREMVG-REMOVE VEG/DEBRIS	1	CY	3	05/19/2010	0	No
IM07	Status: 0 - Work not planned		IM15	Notes: Remove the flood debris at the upstream nose of pier 1.			
IM09	Location UP						
Flexible	19 - F744804-REPOINT MASONRY	250	LF	3	05/19/2010	0	No
IM07	Status: 0 - Work not planned		IM15	Notes: Repoint the masonry substructure units.			
IM09	Location NF12						
Flexible	62 - A744601-RPR/RPL.TMBR.BEAM	9	EA	3	04/24/2000	0	No
IM07	Status: 0 - Work not planned		IM15	Notes: Repair the timber beams throughout all spans.			
IM09	Location Spans 1, 2, 3						
Flexible	35 - B744301-RPR/RPL.TMBR.DK.	56	SY	3	05/19/2010	0	No
IM07	Status: 0 - Work not planned		IM15	Notes: Repair the deteriorated areas of the timber deck.			
IM09	Location 1,3						
Flexible	60 - B744601-RPR/RPL.TMBR.MBR	2	EA	2	05/19/2010	0	No
IM07	Status: 0 - Work not planned		IM15	Notes: Repair the floorbeam king posts.			
IM09	Location 12						

5A01

SR ID: 39710305979006

5A03

BR Key: 23435

7A01

Inspection Date: May 10, 2011

Current Inspection

7A03

Primary Type: I - Interim (special)

7A06

Types of Inspections Performed:

NBI	Underwater	Element	Fracture Critical	Other Special
Yes	No	Yes	No	No

Inspection Man Hours

6B26

NBI Crew: 0.00

6B30

Underwater: 0.00

6B28

Fracture Critical: 0.00

6B29

Other 1: 0.00

6B27

Crane: 0.00

6B31

Other 2: 0.00

Inspection Costs (Entered to nearest dollar)

6B32

Engineering: 2,827

6B33

Rigging: 0

6B34

Office: 0

Special Equip Used:

6B12

Temperature: 70.0

6B09

Weather: 1 - Clear

6B03

Inventory Review Recommended: No

Change Notes:

Inspection Team

7A05

Inspected By: 8 - Consulting Firm

7A02

Team Leader: STV Incorporated Dona Kline

6B23

Team Member: Dave Ziegler

6B24

Hired By: 1

6B25

Insp Contract Num: E01222

2A02

Inspection Notes:

5A01

SR ID: 39710305979006

5A03

BR Key: 23435

7A01

Inspection Date: May 10, 2011

Next Inspection

7A14

Next Inspection By: 8 - Consulting Firm

6B20

Next Insp Type: R - Regular (routine)

Schedule

Insp Types	7A07 Required	7A09 Frequency	7A10 Next Date
NBI	----	12	May 10, 2012
Fractical Critical	No	-1	January 01, 1901
Underwater	No	12	May 20, 2010
Other Special	No	-1	January 01, 1901
Element	----	24	April 27, 2005
Crane	----		6B18 January 01, 1901

6B01

Special InspType:

Estimated Inspection Man Hours

7A12

NBI Crew: 0.00

7A17

Underwater: 0.00

7A15

Fracture Critical: 0.00

7A16

Other 1: 0.00

7A13

Crane: 0.00

7A18

Other 2: 0.00

Bridge Load Posting Checklist

Municipality: Lehigh County (South Whitehall)
 BMS Number: 39 7103 0597 9006
 Road Name: Wehr Mill Road
 Feature Over: Jordan Creek
 Posted Load: 10 Tons Combination Load: N/A

Yes P No N/A

- | | | | | |
|-------------------------------------|--------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Near end "Bridge" plaque in place |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Near end posting sign in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Near end combination posting sign in place |
| | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Far end "Bridge" plaque in place |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Far end posting sign in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Far end combination posting sign in place |
| | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Near advance warning "Bridge" plaque in place |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Near advance warning posting sign in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Near advance warning combination posting sign in place |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Near advance warning "Distance to Bridge" plaque in place |
| | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Far advance warning "Bridge" plaque in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Far advance warning posting sign in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Far advance warning combination posting sign in place |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Far advance warning "Distance to Bridge" plaque in place |
| | | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | "One Lane Bridge" , "Narrow Bridge", etc. |

P - Incorrect Sign Placement (not at bridge, not within 25' of intersection, damaged, etc.)

Describe _____

Inspection Date 5 / 10 / 2011 Inspector Scott Kline

Missing, damaged or incorrect signs have been replaced.	
Signed: _____	Date: _____
Title: _____	

Vertical Clearance Signing Checklist

Municipality: Lehigh County (South Whitehall)
BMS Number: 39 7103 0597 9006
Road Name: Wehr Mill Road
Feature Over: Jordan Creek
Posted Vertical Clearance: 9' - 0"

Yes P No N/A

- [] [] [] [] Near end sign in place on bridge
- [] [] [] [] Far end sign in place on bridge
- [] [] [] [] Near advance warning sign in place
- [] [] [] [] Near advance warning "Distance to Bridge" plaque in place
- [] [] [] [] Far advance warning sign in place
- [] [] [] [] Far advance warning "Distance to Bridge" plaque in place
- [] [] [] [] "**One Lane Bridge**", "Narrow Bridge", etc.

P - Incorrect Sign Placement (not at bridge, not within 25' of intersection, damaged, etc.)

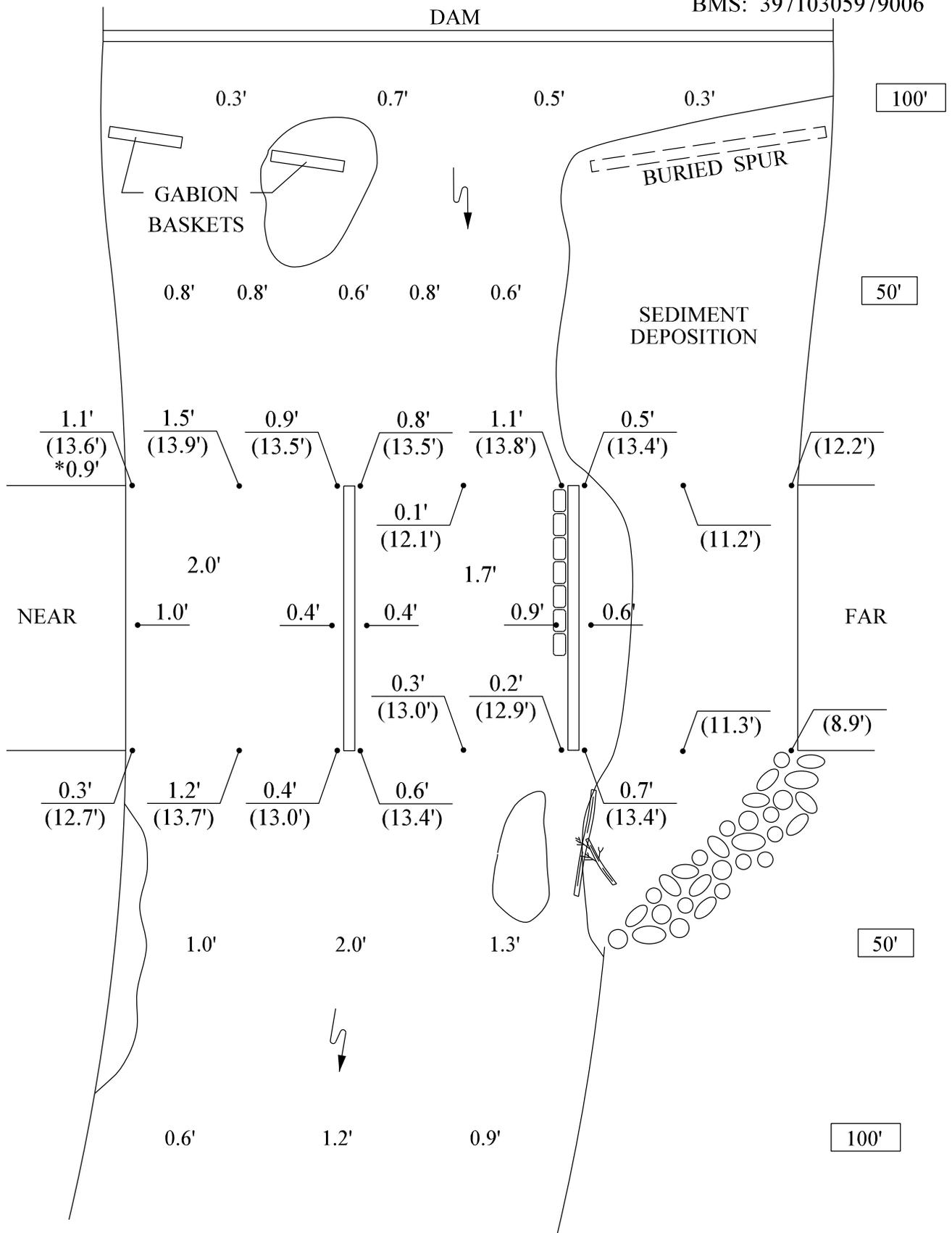
Describe _____

Inspection Date 5 / 10 / 2011 Inspector Scott Kline

Missing, damaged or incorrect signs have been replaced.

Signed: _____ Date: _____

Title: _____



WATERWAY SKETCH

Water Depth

(Clear to Bottom Chord)

* Base Stone Exposure