

# BRIDGE INSPECTION REPORT

BAM	WO	CC	WE	PD	Status: Released	Ver Date 12/18/2012 Printed on: 12/28/2012	Agency: Grays Harbor County Program Mgr: Grant D. Griffin
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Bridge No. 9641/17.0	Page 1 of 2	Structure Type
Bridge Name CHEHALIS R OVFL-SO ELMA	Route 96413	Intersecting CHEHALIS R OVERFLOW
Structure ID 07994100	MilePost 17.02	Location 0.6 S JCT SR 12

Inspector's Signature *Mike Hambl* MHH Ident# B1171 Co-Inspector's Signature *Tom Free* TSF *1/2/13*

										Inspections Performed:				
										IT	NT	HRS	Date	Rep Type
6	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	1965		Year Built (332)								
4	Deck Geometry (658)	3	Scour (680)	1977		Year Rebuilt (336)				Y	24	1.5	10/24/2012	Routine
9	Underclearance (659)	6	8 Approach Rdwy (681)	F 48		Oper Rating (551)								Fract Crit
5	Operating Level (660)	9	Retaining Walls (682)	F 29		Inv Rating (554)								Underwater
8	Alignment Adqcy (661)	9	Pier Protection (683)	A		Open Close (293)								Special
6	Waterway Adqcy (662)	0	Bridge Rails (684)	9999		Vert Over Deck (360)								Interim
7	Deck Overall (663)	0	Transition (685)	0000		Vert Under (374)								Equipment
9	Drains Condition (664)	1	Guardrails (686)	N		Vert Und Code (378)								Damage
7	Superstructure (671)	1	Terminals (687)	2.00		Asphalt Depth								Safety
1	Number Utilities (675)	N	Revise Rating (688)	45		Speed Limit								Short Span
6	Substructure (676)		Photos Flag (691)											
8	Chan/Protection (677)		Soundings Flag (693)											
9	Culvert (678)		Measure Clearance (694)											
										Total: 1.5				
										Suff Rating: 88.89		89.46		

## BMS Elements 12 to 800

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
12	Concrete Deck	10,816	SF	10,816	0	0	0
215	Concrete Abutment	64	LF	64	0	0	0
225	Steel Submerged Pile/Column	35	EA	35	0	0	0
228	Timber Submerged Pile/Column	38	EA	38	0	0	0
234	Concrete Pier Cap / Crossbeam	416	LF	416	0	0	0
330	Metal Bridge Railing	676	LF	676	0	0	0
361	Scour	0	EA	0	0	0	0
402	Hot Poured and/or Premolded Joint Filler	32	LF	32	0	0	0
800	Asphaltic Concrete (AC) Overlay	8,112	SF	8,112	0	0	0

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Notes 1 to 800	
1	Bench Mark in the SW corner of bridge El 34.6
225	The piles used on widening the left side (west side) as well as on Piers 8-14 (north side) are steel.
228	Piles sound good. Pile 7C has 1/2" split full length.
234	All caps have superficial cracks with efflorescence midway between the piles.
330	All wood blockouts display some degree of dryrot.
671	Leaching and minor delaminations along longitudinal joint where bridge was widened.
677	Both abutments are undermined from high water. No erosion noted at this inspection.
680	Pile tips for Piers 3, 7, 8, 9, 10, 11, 12, & 13 are within 10' of the calculated scour elevation. Monitor cross section of channel.
681	Both approaches were preleveled (2012).
800	Asphalt overlay is not full width. The overlay needs ground down at the expansion joint.

Repairs to					
Repair No	Pr	R	Repair Description	Date Noted	Verified
			(No repairs for this structure)		

Inspections Performed and Resources Required								
<u>Report Type</u>	<u>Date</u>	<u>IT</u>	<u>Frg</u>	<u>Hrs</u>	<u>Insp</u>	<u>CertNo</u>	<u>Coinsp</u>	<u>Note</u>
Routine	10/24/2012	Y	24	1.5	MHH	B1171	TSF	

Sticky Notes			
Creator	Created	Table Reference	Notes