

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date 12/18/2012
Printed on: 12/28/2012

Agency: Grays Harbor County
Program Mgr: Grant D. Griffin

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 Hamble* MHH Ident# B1171
 Co-Inspector's Signature *Tracy Free* TSF

1/2/13

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

Report Type	Date	II	Frg	Hrs	Insp	CertNo	Coinsp	Note
Routine	10/24/2012	Y	24	1.5	MHH	B1171	TSF	

Sticky Notes

Creator	Created	Table Reference	Notes