

BRIDGE INSPECTION REPORT

WO CC WE PD
BAM

Status: Released

Ver Date 2/3/2010
Printed on: 2/4/2010

Agency: ARLINGTON
Program Mgr: Harvey L. Coffman

Bridge No. ARL-01 Page 1 of 2 **Structure Type**
Bridge Name SOUTH SLOUGH #91 **Route** 96855 **Intersecting** SOUTH SLOUGH
Structure ID 08084500 **MilePost** 9.40 **Location** .3 S JCT SR 530

Inspector's Signature *[Signature]* SPM IDent# G0804 Co-Inspector's Signature *[Signature]* JH/MA

										Inspections Performed:				
										IT	NT	HRS	Date	Rep Type
3	<input type="checkbox"/> 4	Structural Adqcy (657)	N	<input type="checkbox"/>	Pier/Abut/Protect (679)	1918			Year Built (332)					
4	<input type="checkbox"/>	Deck Geometry (658)	8	<input type="checkbox"/>	Scour (680)	2007			Year Rebuilt (336)	Y	24	2.0	9/25/2009	Routine
9	<input type="checkbox"/>	Underclearance (659)	8	<input type="checkbox"/>	Approach Rdwy (681)	A 28	<input type="checkbox"/>		Oper Rating (551)					Fract Crit
5	<input type="checkbox"/>	Operating Level (660)	9	<input type="checkbox"/>	Retaining Walls (682)	A 17	<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
8	<input type="checkbox"/>	Waterway Adqcy (662)	1	<input type="checkbox"/>	Bridge Rails (684)	9999	<input type="checkbox"/>		Vert Over Deck (360)					Interim
8	<input type="checkbox"/>	Deck Overall (663)	1	<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
8	<input type="checkbox"/>	Superstructure (671)	1	<input type="checkbox"/>	Terminals (687)	3.00	<input type="checkbox"/>		Asphalt Depth					Safety
0	<input type="checkbox"/>	Number Utilities (675)	Y	<input type="checkbox"/>	Revise Rating (688)	40	<input type="checkbox"/>		Speed Limit					Short Span
5	<input type="checkbox"/>	Substructure (676)		<input type="checkbox"/>	Photos Flag (691)									
6	<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: 2.0				
										Suff Rating: 40.75		43.43		

BMS Elements 114 to 800

Element	Element Description	Total	Units	Env	State 1	State 2	State 3	State 4
114	Conc Multiple Web Girder	7,168	LF		7,168	0	0	0
145	Earth Filled Concrete Arch	160	LF		145	0	15	0
330	Metal Bridge Railing	512	LF		512	0	0	0
800	Asphaltic Concrete (AC) Overlay	7,168	SF		7,168	0	0	0

Notes 0 to 800

0 Oriented south to north.
11 Administrative load rating should be reviewed (see BR-650 file for example).
114 Deck: 32 precast concrete panels x 8' wide x 31' long 1' thick with epoxy-coated rebar (2007) = good.
145 (2) Luten arches end-to-end (1918 and 1920) = fair condition. Minor exposed rebar, honeycombing throughout. Leakage w/leachate @ longitudinal construction joint @ centerline. Fill was removed during 2007 rehab. and replaced with low density foam concrete. 2009: REPAIR - exposed rebar / spalling @ arch soffit. NOTE: South arch - 2 locs. North arch 13 locs.
330 Rail: Snohomish County standard square tube steel railing, curb-mounted (2007) = good.
672 Fair condition- cracking at precast curb edges at 20+ varied locations - Monitor.
673 Had a timber sidewalk @ east side originally - only anchor bolts remain.
677 08/25/2009 - no water.
686 Approach rail added at all four corners of the bridge as part of deck rehabilitation project in 2007, with ET-Plus terminals at two leading ends.
687 All four delineators and bridge sign are missing.

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Notes 0 to 800

800 ACP overlay (2007) = good. minor transverse cracks at approaches - MONITOR.

Repairs 10000 to 10000

Repair No	Pr	R	Repair Description	Date Noted	Verified
10000	1	B	Clean rebar and install drypack @ spalls, typ.	1/28/2010	

Inspections Performed and Resources Required

Report Type	Date	II	Frg	Hrs	Insp	CertNo	CoInsp	Note
Routine	9/25/2009	Y	24	2.0	SPM	G0804	JH/MA	Bridge annexed by City of Arlington in 2009.
Informational	3/11/2009				SPM	G0804	MLE	Add load rating summary sheet.

Sticky Notes

Creator	Created	Table Reference	Notes
			(No sticky notes for this structure)