

**BRIDGE INSPECTION REPORT**

WO CC WE PD  
 BAM

Status: **Released**

Ver Date 2/3/2010  
 Printed on: 3/4/2011

Agency: ARLINGTON  
 Program Mgr: Grant D. Griffin

**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 *SPM* Ident# G0804 *JH/MA* Co-Inspector's Signature JH/MA

										Inspections Performed:				
3	4	Structural Adqcy (657)	N	Pier/Abut/Protect (679)	1918	Year Built (332)	IT	NT	HRS	Date	Rep Type			
4		Deck Geometry (658)	8	Scour (680)	2007	Year Rebuilt (336)	Y	24	2.0	9/25/2009	Routine			
9		Underclearance (659)	8	Approach Rdw y (681)	A 28	Oper Rating (551)					Fract Crit			
5		Operating Level (660)	9	Retaining Walls (682)	A 17	Inv Rating (554)					Under water			
8		Alignment Adqcy (661)	9	Pier Protection (683)	A	Open Close (293)					Special			
8		Waterw ayAdqcy (662)	1	Bridge Rails (684)	9999	Vert Over Deck (360)					Interim			
8		Deck Overall (663)	1	Transition (685)	0000	Vert Under (374)					Equipment			
9		Drains Condition (664)	1	Guardrails (686)	N	Vert Und Code (378)					Damage			
8		Superstructure (671)	1	Terminals (687)	3.00	Asphalt Depth					Safety			
0		Number Utilities (675)	Y	Revise Rating (688)	40	Speed Limit					Short Span			
5		Substructure (676)		Photos Flag (691)								Total: 2.0		
6		Chan/Protection (677)		Soundings Flag (693)								Suff Rating: 40.75	43.43	
9		Culvert (678)		Measure Clearance (694)										

**BMS Elements 114 to 800**

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
114	Concrete Multiple Web Girder Unit	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

  
 APR 01 2011  
 Utilities Div.

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

### Repairs 10000 to 4296

Repair No	Pr	R	Repair Description	Date Noted	Verified
10000	1	B	Clean rebar and install drypack @ spalls, typ.	1/28/2010	
4296	2	B	Replace concrete baluster rails/widen deck.	9/2/2003	9/19/2007

### Inspections Performed and Resources Required

Report Type	Date	IT	Frq	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