



Letter of Transmittal

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FEB 04 2014
Utilities Div.

Snohomish County Public Works
Engineering Services

3000 Rockefeller Ave, MS 607
Everett, WA 98201
Phone: 425-388-3488
Fax: 425-388-6670

Date: 1/29/2014
Attn: James Kelly,
Public Works Director
Re: Inspection Report
Job #: _____

To: City of Arlington
238 N Olympic Ave
Arlington, WA 98233

We are sending you:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Attached | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Under Separate Cover | <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Copy of Letter |
| <input type="checkbox"/> Other | <input type="checkbox"/> Prints |

COPIES	DATE	DESCRIPTION
1	2013	ARL-01 (South Slough #91) Bridge Inspection Report

These are Transmitted as Checked:

- For Your Use
- For Review & Use
- As Requested
- Returned for Correction
- Approved as Noted
- Other _____

REMARKS
Please retain in your bridge files. For questions call Darrell Ash, P.E. 425-388-6688 or Mike Zitkovich 425-754-9937.

Signed

BRIDGE INSPECTION REPORT

Ver Date: 10/15/2013

Agency: ARLINGTON

Status: Released

Printed On: 10/23/20

Program Mgr: Roman G. Peralta

Bridge No. ARL-01

Page: 1/2

Structure Type

Bridge Name SOUTH SLOUGH #91

Route 96855

Location .3 S JCT SR 530

Structure ID 08084500

MilePost 9.40

Intersecting SOUTH SLOUGH

Inspector's Signature

JRH

IDent# G1014

Co-Inspector's Signature

										Inspections Performed			
#	Item	Code	N	Item	Code	Y	M	D	H	R	Date	Rep	Type
4	Structural Adqcy	(657)	N	Pier/Abut/Protect	(679)	1918						IT	
4	Deck Geometry	(658)	8	Scour	(680)	2007						Y	24
9	Underclearance	(659)	9	Retaining Walls	(682)	28							2.0
5	Operating Level	(660)	9	Pier Protection	(683)	17							09/12/2013
8	Alignment Adqcy	(661)	1	Bridge Rails	(684)	A							Routine
8	WaterwayAdqcy	(662)	1	Transition	(685)	9999							Fract Crit
8	Deck Overall	(663)	1	Guardrails	(686)	0000							Underwater
9	Drains Condition	(664)	1	Terminals	(687)	N							Special
8	Superstructure	(671)	Y	Revise Rating	(688)	3.00							Interim
0	Number Utilities	(675)		Photos Flag	(691)	40							Equipment
5	Substructure	(676)		Soundings Flag	(693)								Damage
6	Chan/Protection	(677)		Measure Clearance	(694)								Safety
9	Culvert	(678)											Short Span
											Total: 2.0		
											Suff Rating:	43.43	43.43

BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
114	Concrete Multiple Web Girder Unit	7168	LF	7168	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	7168	SF	7168	0	0	0

Notes

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). North arch, midspan on east side with 4'x6'x1" thick spall @ soffit = MONITOR.
145	(2) Luten arches end-to-end (1918 and 1920). Minor exposed rebar, honeycombing throughout. Leakage w/leachate @ longitudinal construction joint @ centerline. Fill was removed during 2007 rehab. and replaced with low density fill concrete. 2009: REPAIR - exposed rebar / spalling @ arch soffit. NOTE: South arch - 2 locs. North arch 13 locs. Stalagmites forming at cracks in arches - various locations = several feet long each. No change 2013.
330	Rail: Snohomish County standard square tube steel railing , curb-mounted (2007).
672	Fair condition- cracking at precast curb edges at 20+ varied locations - Monitor. No change 2013.

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

673	Had a timber sidewalk @ east side originally - only anchor bolts remain.
677	09/12/2013 muddy w/brush.
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 are missing.
800	ACP overlay (2007). minor transverse cracks at approaches - MONITOR. No change 2013.

Repairs

Repair No	Pr	R	Repair Description	Noted	Maint	Verified
10000	1	B		01/28/10		

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	09/12/13		24	2.0	JRH	G1014		Bridge annexed by City of Arlington in 2009. Deck widened from 22.4' to 31' during 2007 rehab which raised Deck Geometry (658) from 2 to 4, however this is still considered substandard per NBI.
Resources	Use Hour	Min	Req	Max	Notes			

SOUTH SLOUGH #91

SOUTH SLOUGH #91															
Report Types	NBI	BMS	Notes	Repairs	Photos	Files	Letters	WB71	WB72	WB73	WB74	WB75	WB76	WB78	
Rep	Pr	Rp	Repair Description										Noted	Maint	Verified
10000	1	8	Clean rebar and install drypack @ spalls, typ. (+/- 20 sf)										1/28/2010		
4296	2	8	Replace concrete baluster rails/widen deck.										9/2/2003	9/19/2007	9/19/2007