Basic Information						46-14-26.69 =	123-52-29.34
Oregon [41]	Clatsop County [0	007]	Astoria [03150]	N END OF ASTORIA B	BR	46.240747	= -123.874817
07949A009 00000	Highway ag	ency district 1	Owner State Highway A	Agency [01]	Maintenance responsibility	State Highway Age	ncy [01]
Route 101	US	S101 (HWY 9)	Toll On fre	e road [3] Fe	eatures intersected COLUM	BIA RIVER	
Design - Steel [3] main		Design - approach	[3]	Kilometerpoint 0 km Year built 1966	n = 0.0 mi  Year reconstructed [	V/A [0000]	
7 Truss - Thr	u [10]	8 String	er/Multi-beam or girder [02]	Skew angle 0	Structure Flared	a [6990]	
				Historical significance	Historical significance	e is not determinable at th	is time. [4]
Total length 1120.8	m = 3677.3 ft	Length of maximum sp	an 107.9 m = 354.0 ft	Deck width, out-to-ou	t 10.1 m = 33.1 ft Bridge	roadway width, curb-to-ci	urb 8.5 m = 27.9 ft
Inventory Route, Tota	l Horizontal Clearai	nce 8.5 m = 27.9 ft	Curb or sidewalk w	idth - left $0 \text{ m} = 0.0 \text{ ft}$	Curb or	sidewalk width - right	0 m = 0.0 ft
Deck structure type		Concrete Cast-in-Pla	ce [1]				
Type of wearing surfa	ce	Monolithic Concrete (	concurrently placed with str	uctural deck) [1]			
Deck protection							
Type of membrane/wo	earing surface						
Weight Limits							
Bypass, detour lengt	Method to dete	ermine inventory rating	No rating analysis or	evaluation perfor Inve	entory rating 32.7 metric	ton = 36.0 tons	
0 km = 0.0 mi	Method to dete	ermine operating rating	No rating analysis or	evaluation perfor Ope	erating rating 54.4 metric	ton = 59.8 tons	
	Bridge posting	Equal to or above le	egal loads [5]	Des	ign Load MS 18 / HS 20 [5	5]	

Functional Details		
Average Daily Traffic 7500 Average daily tr	uck traffi 7 % Year 2014 Future av	erage daily traffic 9700 Year 2033
Road classification Principal Arterial - Other (Rural)	[02] Lanes on structure 2	Approach roadway width 8.5 m = 27.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]	Bridge median
Parallel structure designation No parallel structure	e exists. [N]	
Type of service under bridge Waterway [5]	Lanes under structure 0 Na	avigation control
Navigation vertical clearanc 0 = N/A	Navigation horizontal clea	rance 0 = N/A
Minimum navigation vertical clearance, vertical lift bri	dge Min	mum vertical clearance over bridge roadway 5.23 m = 17.2 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]	
Minimum lateral underclearance on right 0 = N/A	Minim	um lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclea	rance reference feature Feature not a highway or railroad [N]
Appraisal ratings - underclearances N/A [N]		
Repair and Replacement Plans		
Type of work to be performed	Work done by	
	Bridge improvement cost	Roadway improvement cost
	Length of structure improvement	Total project cost 0
	Year of improvement cost estimate	
	Border bridge - state Unknown [530]	Border bridge - percent responsibility of other state 50
	Border bridge - structure number 0007666E	0000000

Inspection and Sufficiency							
Structure status Open, no res	triction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]				
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to pres	sent desirable criteria [8]			
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Meets minim	num tolerable limits to be left in place as is [4]			
Condition ratings - deck	Satisfactory [6]	deck geometry					
Scour	Bridge foundations determine	d to be stable for assesse	ed or calculated	scour condition. [5]			
Channel and channel protection	Banks are protected or well verequired or are in a stable cor	egetated. River control de ndition. [8]	evices such as s	spur dikes and embankment protection are not			
Appraisal ratings - water adequacy  Superior to present desirable		criteria [9]	St	status evaluation			
Pier or abutment protection	In place and functioning [2]		Sı	Sufficiency rating 73			
Culverts Not applicable. Used in Traffic safety features - railings	if structure is not a culvert. [N]						
Traffic safety features - transition	IS						
Traffic safety features - approach							
Traffic safety features - approach							
Inspection date October 2015	5 [1015] Designated inspe	ection frequency 24	Mon	nths			
Underwater inspection	Underwater inspec	ction date	October 2016 [1016]				
Fracture critical inspection	Fracture critical inspection da		June 2016 [0616]				
Other special inspection	Not needed [N]	Other special inspection date					

Basic Information					46-14-09.99 =	123-52-20.95
Oregon [41]	Clatsop County [007]	Astoria [03150]	DESDEMONA SANDS	5	46.236108	= -123.872486
07949B009 00028	Highway agency distric	ct 1 Owner State H	ighway Agency [01]	Maintenance responsibility	State Highway Age	ncy [01]
Route 101	US101 (HWY	(9) Tol	On free road [3]	eatures intersected COLUMBIA	A RIVER	
Design - Prestressed main	appro	oach	Kilometerpoint 45. Year built 1966	1 km = 28.0 mi  Year reconstructed N/A	ı [0000]	
140 Stringer/Mul	ti-beam or girder [02] 0	Other [00]	Skew angle 0	Structure Flared		
			Historical significance	Historical significance is	not determinable at th	is time. [4]
Total length 3413.8 m	n = 11200.7 ft Length of m	naximum span 24.4 m = 80.1 ft	Deck width, out-to-ou	ut 10.1 m = 33.1 ft Bridge roa	idway width, curb-to-cu	8.5 m = 27.9 ft
Inventory Route, Total	Horizontal Clearance 8.5 m	n = 27.9 ft Curb or sid	ewalk width - left 0 m = 0.0 f	Curb or sid	lewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete	Cast-in-Place [1]				
Type of wearing surfac	e Monolithic	c Concrete (concurrently placed	with structural deck) [1]			
Deck protection						
Type of membrane/wea	aring surface					
Weight Limits						
Bypass, detour length	Method to determine inve	entory rating Load and Re	esistance Factor Rating (L Inve	entory rating 36 metric ton =	39.6 tons	
0 km = 0.0 mi	Method to determine ope	rating rating Load and Re	esistance Factor Rating (L Ope	erating rating 46.7 metric ton	= 51.4 tons	
	Bridge posting Equal to	o or above legal loads [5]	Des	sign Load MS 18 / HS 20 [5]		

Functional Details	
Average Daily Traffic 24600 Average daily to	ruck traffi 8 % Year 2014 Future average daily traffic 26900 Year 2033
Road classification	) [02] Lanes on structure 2 Approach roadway width 8.5 m = 27.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median
Parallel structure designation No parallel structure	re exists. [N]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 = N/A
Minimum navigation vertical clearance, vertical lift br	idge Minimum vertical clearance over bridge roadway 30.18 m = 99.0 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]
Minimum lateral underclearance on right 0 = N/A	Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference feature Feature not a highway or railroad [N]
Appraisal ratings - underclearances N/A [N]	
Repair and Replacement Plans	
Type of work to be performed	Work done by
	Bridge improvement cost Roadway improvement cost
	Length of structure improvement Total project cost 0
	Year of improvement cost estimate
	Border bridge - state Unknown [530] Border bridge - percent responsibility of other state 50
	Border bridge - structure number 0007666C0000000

Inspection and Sufficiency							
Structure status Open, no res	triction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]				
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to prese	sent desirable criteria [8]			
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Meets minimu	um tolerable limits to be left in place as is [4]			
Condition ratings - deck	Satisfactory [6]	deck geometry					
Scour	Bridge foundations determine	d to be stable for assesse	ed or calculated s	scour condition. [5]			
Channel and channel protection	Bank protection is in need of Banks and/or channel have n		rol devices and e	embankment protection have a little minor damage.			
Appraisal ratings - water adequac	Equal to present desirable cr	iteria [8]	Sta	tatus evaluation			
Pier or abutment protection	In place and functioning [2]		Su	ufficiency rating 67			
Culverts Not applicable. Used in Traffic safety features - railings	if structure is not a culvert. [N]						
Traffic safety features - transition							
Traffic safety features - approach							
Traffic safety features - approach							
Inspection date October 2015		ection frequency 24	Mont	ths			
	Unknown [Y60]	Underwater inspec	ction date	October 2016 [1016]			
Fracture critical inspection	Unknown [N00]	Fracture critical ins	spection date				
Other special inspection	Unknown [N00]	Other special inspe	ection date				

Basic Inform	mation											46-12-14.72 =	123-51-21.56
Oregon [41]		Clats	sop Count	y [007]		A	storia [03150]	SHIPPING CHAI	NNEL/S	END BR		46.204089	= -123.855989
07949C009	00241		Highway	agency	y district 1	(	Owner State Highway	Agency [01]		Maintenance	e responsibility	State Highway Age	ency [01]
Route 101				US101	(HWY 9)		Toll On	ree road [3]	Fea	itures interse	cted COLUMB	IA RIVER/HWY 2W	
Design - St main	teel contin	uous	[4]		Design - approach	Concrete	; [1]	Kilometerpoint  Year built 1966		9 km = 240.5 Year re	mi constructed N/	A [0000]	
8 Tr	russ - Thru	ı [10]			33	Mixed typ	pes [20]	Skew angle 0		Structure F			
								Historical signific	cance	Bridge	is possibly eligib	le for the NRHP. [3]	
Total length	2027.2 n	n = 60	651.2 ft	Leng	gth of maxim	um span	375.5 m = 1232.0 ft	Deck width, out	t-to-out	10.1 m = 33	.1 ft Bridge ro	adway width, curb-to-c	urb 8.5 m = 27.9 ft
Inventory Ro	oute, Total	Horiz	ontal Clea	arance	8.5 m = 27	.9 ft	Curb or sidewalk	width - left 0 m =	= 0.0 ft		Curb or si	dewalk width - right	0 m = 0.0 ft
Deck structur	ire type			Co	ncrete Cast	in-Place [	[1]						
Type of wear	ring surfac	е		Mo	onolithic Con	crete (cor	ncurrently placed with	structural deck) [1]					
Deck protecti	tion												
Type of mem	nbrane/we	aring	surface										
Weight Limi	its												
Bypass, deto		l M	lethod to	determi	ne inventory	rating	No rating analysis	or evaluation perfor	Inven	tory rating	32.7 metric to	n = 36.0 tons	
0 km = 0.0 n	mi	N	ethod to	determi	ne operating	rating	No rating analysis	or evaluation perfor	Opera	ating rating	54.4 metric to	n = 59.8 tons	
		В	ridge post	ting E	Equal to or a	bove lega	l loads [5]		Desig	gn Load MS	S 18 / HS 20 [5]		

Functional Details				
Average Daily Traffic 24600 Average daily to	ruck traffi 8 % Year 2014 Futi	ure average daily traffic	26900 Year 2033	
Road classification	[02] Lanes on structure 2		Approach roadway width 8.5 m = 27.9 ft	
Type of service on bridge Highway [1]	Direction of traffic 2 - way tra	offic [2]	Bridge median	
Parallel structure designation No parallel structure	e exists. [N]			
Type of service under bridge Highway-waterway [6]	Lanes under structure 4	Navigation control	Navigation control on waterway (bridge permit required). [1]	
Navigation vertical clearanc 60.4 m = 198.2 ft	Navigation horizonta	al clearance 326.1 m = 1	069.9 ft	
Minimum navigation vertical clearance, vertical lift bri	dge	Minimum vertical clears	ance over bridge roadway 30.18 m = 99.0 ft	
Minimum lateral underclearance reference feature	ighway beneath structure [H]			
Minimum lateral underclearance on right 2.3 m = 7.5	ft	Minimum lateral undercle	earance on left 0.6 m = 2.0 ft	
Minimum Vertical Underclearance 60.96 m = 200.0	ft Minimum vertical under	erclearance reference fea	ature Highway beneath structure [H]	_
Appraisal ratings - underclearances Meets minimum	n tolerable limits to be left in place as is [4]			
Repair and Replacement Plans				
Type of work to be performed	Work done by			
	Bridge improvement cost	Roadway im	provement cost	
	Length of structure improvement	Т	otal project cost 0	
	Year of improvement cost estimate			
	Border bridge - state Unknown [530]	Во	rder bridge - percent responsibility of other state 50	
	Border bridge - structure number 000	7666D0000000		

Inspection and Sufficiency							
Structure status Open, no res	octure status Open, no restriction [A]		Equal to present minimum criteria [6]				
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment		present desirable criteria [8]			
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings -	Meets mir	inimum tolerable limits to be left in place as is [4]			
Condition ratings - deck	Fair [5]	deck geometry					
Scour	d to be stable for assesse	ed or calculat	ted scour condition. [5]				
Channel and channel protection	Bank protection is in need of r Banks and/or channel have m		rol devices ar	and embankment protection have a little minor damage.			
Appraisal ratings - water adequac	criteria [9]		Status evaluation				
Pier or abutment protection	In place and functioning [2]			Sufficiency rating 71			
	if structure is not a culvert. [N]						
Traffic safety features - railings  Traffic safety features - transition							
Traffic safety features - approach							
Traffic safety features - approach	ture meets currently acce	ptable standa	lards. [1]				
Inspection date October 2015 [1015] Designated inspection frequency 24				Months			
Underwater inspection Every two years [Y24] Underwater insp			ction date	September 2016 [0916]			
Fracture critical inspection	Fracture critical ins	spection date	e May 2016 [0516]				
Other special inspection	Not needed [N]	Other special inspe	ection date				

Basic Information				46-14-1	7.97 = 123-52-24.54
Washington [53]	Pacific County [049]	Unknown [00000]	3.65 S OREGON LINE	46.2383	
0007666B0000000	Highway agency district 4	Owner State Highway Ag	gency [01] Mai	intenance responsibility State High	way Agency [01]
Route 101	US 101	Toll On free	e road [3] Feature	es intersected COLUMBIA R	
Design - Steel [3] main	Design - approach		Kilometerpoint 0.1 km = Year built 1966	0.1 mi  Year reconstructed N/A [0000]	
7 Truss - Thru	[10] 8 Stri	nger/Multi-beam or girder [02]	Skew angle 0 St	tructure Flared	
			Historical significance	Historical significance is not determina	ble at this time. [4]
Total length 1120.7 m	= 3677.0 ft Length of maximum	pan 107.9 m = 354.0 ft	Deck width, out-to-out 10.7	1 m = 33.1 ft Bridge roadway width, c	urb-to-curb 8.5 m = 27.9 ft
Inventory Route, Total I	Horizontal Clearance 8.5 m = 27.9 ft	Curb or sidewalk wid	0  m = 0.0  ft	Curb or sidewalk width -	right $0 \text{ m} = 0.0 \text{ ft}$
Deck structure type	Concrete Cast-in-P	ace [1]			
Type of wearing surface	Monolithic Concret	(concurrently placed with stru	ctural deck) [1]		
Deck protection					
Type of membrane/wea	ring surface				
Weight Limits					
Bypass, detour length	Method to determine inventory ratir	g No rating analysis or	evaluation perfor Inventory	rating 32.7 metric ton = 36.0 tons	
0 km = 0.0 mi	Method to determine operating ratio	g No rating analysis or	evaluation perfor Operating	g rating 54.4 metric ton = 59.8 tons	
	Bridge posting Equal to or above	legal loads [5]	Design Lo	oad MS 18 / HS 20 [5]	

Functional Details				
Average Daily Traffic 6800 Average daily to	ruck traffi 10 % Year 2010 Fut	ture average daily traffic	11400 Year 2030	
Road classification	[02] Lanes on structure 2		Approach roadway width	8.5 m = 27.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way tra	affic [2]	Bridge median	
Parallel structure designation No parallel structure	re exists. [N]		,	
Type of service under bridge Waterway [5]	Lanes under structure 0	Navigation control		
Navigation vertical clearanc 0 = N/A	Navigation horizonta	al clearance 0 = N/A		
Minimum navigation vertical clearance, vertical lift bri	dge	Minimum vertical clearar	nce over bridge roadway 5.2	23 m = 17.2 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]			
Minimum lateral underclearance on right 0 = N/A		Minimum lateral underclear	rance on left 0 = N/A	
Minimum Vertical Underclearance 0 = N/A	Minimum vertical und	lerclearance reference featu	Feature not a highway or	railroad [N]
Appraisal ratings - underclearances N/A [N]				
Repair and Replacement Plans				
Type of work to be performed	Work done by Work to be done by contra	act [1]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 65595000	Roadway impr	ovement cost 13119000	
actorioration or managanate on original [55]	Length of structure improvement 1	136 m = 3727.2 ft	tal project cost 131190000	0
	Year of improvement cost estimate	2010		
	Border bridge - state Unknown [410]	Bord	er bridge - percent responsibili	ity of other state 50
	Border bridge - structure number 079	949A009 00000		

Inspection and Sufficiency	/						
Structure status Open,	no restrictio	Appraisal ratings structural		Equal to present minimum criteria [6]			
Condition ratings - superstr	ucture Satis	factory [6]	Appraisal ratings - roadway alignment	Equal to pres	sent desirable criteria [8]		
Condition ratings - substruc	ture Satis	factory [6]	Appraisal ratings -	Meets minim	num tolerable limits to be left in place as is [4]		
Condition ratings - deck	Satis	factory [6]	deck geometry				
Scour Bridge foundations determine			mined to be stable for assesse	ed or calculated	scour condition. [5]		
Channel and channel prote	ction	Banks are protected or w required or are in a stable	rell vegetated. River control de e condition. [8]	evices such as s	spur dikes and embankment protection are not		
Appraisal ratings - water ac	lequacy	Equal to present desirab	le criteria [8]	S	status evaluation		
Pier or abutment protection				S	Sufficiency rating 73		
Culverts Not applicable.	Used if strud	cture is not a culvert. [N]					
Traffic safety features - rai	lings						
Traffic safety features - tra							
Traffic safety features - ap	proach guard	drail					
Traffic safety features - ap	proach guard	drail ends					
Inspection date October	er 2013 [101	3] Designated i	nspection frequency 24	Mon	nths		
Underwater inspection Unknown [Y36]		Underwater inspec	ction date	September 2013 [0913]			
Fracture critical inspection Every two years [Y24]		Fracture critical ins	•	September 2012 [0912]			
Other special inspection	Not ne	eeded [N]	Other special inspe	ection date			

Basic Information						46-14-02.24 =	123-52-16.78
Washington [53]	Pacific County [049]		Unknown [00000]	3.37 S OREGON LINE		46.233956	= -123.871328
0007666C0000000	Highway agenc	y district 4	Owner State Highway	Agency [01]	Maintenance responsibility	State Highway Age	ncy [01]
Route 101	US 10	1	Toll On fre	ee road [3] Fe	eatures intersected COLUMBIA	R	
Design - Prestresse	d concrete [5]	Design - approach		'	km = 0.1 mi		
	ılti-beam or girder [02]	0 Other	· [00]	Year built 1966	Year reconstructed N/A [	0000]	
Stringer/ivi	in beam of girder [02]	Other	[00]	Skew angle 0	Structure Flared		
				Historical significance	Historical significance is n	ot determinable at th	is time. [4]
Total length 3413.8	m = 11200.7 ft Len	gth of maximum sp	an 24.4 m = 80.1 ft	Deck width, out-to-out	t 10.1 m = 33.1 ft Bridge road	way width, curb-to-cu	8.5 m = 27.9 ft
Inventory Route, Tota	Horizontal Clearance	8.5 m = 27.9 ft	Curb or sidewalk w	width - left $0 \text{ m} = 0.0 \text{ ft}$	Curb or side	walk width - right	0 m = 0.0 ft
Deck structure type	Co	oncrete Cast-in-Pla	ce [1]				
Type of wearing surfa	ce Me	onolithic Concrete	(concurrently placed with str	ructural deck) [1]			
Deck protection							
Type of membrane/we	earing surface						
Weight Limits							
Bypass, detour lengt	Method to determi	ne inventory rating	Load and Resistance	e Factor Rating (L Inve	entory rating 36 metric ton = 3	9.6 tons	
0 km = 0.0 mi	Method to determi	ne operating rating	Load and Resistance	e Factor Rating (L Ope	erating rating 46.7 metric ton =	51.4 tons	
	Bridge posting	Equal to or above I	egal loads [5]	Des	ign Load MS 18 / HS 20 [5]		

Functional Details	
Average Daily Traffic 23300 Average daily to	uck traffi 6 % Year 2010 Future average daily traffic 28200 Year 2030
Road classification	[02] Lanes on structure 2 Approach roadway width 8.5 m = 27.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median
Parallel structure designation No parallel structure	e exists. [N]
Type of service under bridge Waterway [5]	Lanes under structure 0 Navigation control
Navigation vertical clearanc 0 = N/A	Navigation horizontal clearance 0 = N/A
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft
Minimum lateral underclearance reference feature F	eature not a highway or railroad [N]
Minimum lateral underclearance on right 0 = N/A	Minimum lateral underclearance on left 0 = N/A
Minimum Vertical Underclearance 0 = N/A	Minimum vertical underclearance reference feature Feature not a highway or railroad [N]
Appraisal ratings - underclearances N/A [N]	
Repair and Replacement Plans	
Type of work to be performed	Work done by Work to be done by contract [1]
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 198000000 Roadway improvement cost 39600000
deterioration of induceduate strength. [55]	Length of structure improvement 3429 m = 11250.5 ft Total project cost 396000000
	Year of improvement cost estimate 2010
	Border bridge - state Unknown [410] Border bridge - percent responsibility of other state 50
	Border bridge - structure number 07949B009 00028

Inspection and Sufficiency							
Structure status Open, no restriction [A]		Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]				
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment  Appraisal ratings - deck geometry	Equal to present desirable criteria [8]  Meets minimum tolerable limits to be left in place as is [4]				
Condition ratings - substructure	Fair [5]						
Condition ratings - deck	Satisfactory [6]						
Scour	Bridge foundations determine	d to be stable for assesse	ed or calculated	ed scour condition. [5]			
Channel and channel protection	Bank protection is in need of a Banks and/or channel have m	minor repairs. River contr ninor amounts of drift. [7]	ol devices and	d embankment protection have a little minor damage.			
Appraisal ratings - water adequacy Equal to present desirable c		iteria [8]	S	Status evaluation			
Pier or abutment protection			Sufficiency rating 67				
	f structure is not a culvert. [N]						
Traffic safety features - railings  Traffic safety features - transition							
Traffic safety features - approach							
Traffic safety features - approach							
Inspection date October 2013		ection frequency 24	Mo	onths			
Underwater inspection	Unknown [Y60]	Underwater inspec	tion date	September 2013 [0913]			
Fracture critical inspection	Fracture critical ins	spection date					
Other special inspection	Not needed [N]	Other special inspe	ecial inspection date				

Basic Information						46-12-14.72 =	123-51-21.56
Washington [53]	Pacific County [049]		Unknown [00000]	0.96 S OREGON LINE		46-12-14.72 = 46.204089	= -123.855989
0007666D0000000	Highway agend	cy district 4	Owner State Highway	Agency [01]	Maintenance respon	State Highway Age	ncy [01]
Route 101	US 10	)1	Toll On fre	ee road [3]	eatures intersected CO	OLUMBIA R	
Design - Steel continuation	nuous [4]		rete [1]	Kilometerpoint 0.1	km = 0.1 mi		
	u [10]	approach  33 Mixed	d types [20]	Year built 1966	Year reconstruc	ted N/A [0000]	
8 Truss - Thr	u [10]	IVIIXe(	d types [20]	Skew angle 0	Structure Flared		
				Historical significance	Bridge is possib	oly eligible for the NRHP. [3]	
Total length 2027.2	m = 6651.2 ft Len	igth of maximum sp	oan 375.5 m = 1232.0 ft	Deck width, out-to-ou	ut 10.1 m = 33.1 ft B	ridge roadway width, curb-to-cu	8.5 m = 27.9 ft
Inventory Route, Tota	Horizontal Clearance	8.5 m = 27.9 ft	Curb or sidewalk w	width - left $0 \text{ m} = 0.0 \text{ ft}$	t Cu	urb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	С	oncrete Cast-in-Pla	nce [1]				
Type of wearing surfa	ce M	Ionolithic Concrete	(concurrently placed with str	ructural deck) [1]			
Deck protection							
Type of membrane/we	earing surface						
Weight Limits							
Bypass, detour lengt	Method to determ	ine inventory rating	No rating analysis or	r evaluation perfor Inve	entory rating 32.7 m	netric ton = 36.0 tons	
0 km = 0.0 mi	Method to determ	ine operating rating	No rating analysis or	r evaluation perfor Ope	erating rating 54.4 m	netric ton = 59.8 tons	
	Bridge posting	Equal to or above I	egal loads [5]	Des	sign Load MS 18 / HS	S 20 [5]	

Functional Details	
Average Daily Traffic 23300 Average daily to	uck traffi 6 % Year 2010 Future average daily traffic 28200 Year 2030
Road classification	[02] Lanes on structure 2 Approach roadway width 8.5 m = 27.9 ft
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median
Parallel structure designation No parallel structure	e exists. [N]
Type of service under bridge Highway-waterway [6]	Lanes under structure 4 Navigation control Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc 60.4 m = 198.2 ft	Navigation horizontal clearance 326.1 m = 1069.9 ft
Minimum navigation vertical clearance, vertical lift bri	dge Minimum vertical clearance over bridge roadway 5.23 m = 17.2 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]
Minimum lateral underclearance on right 2.3 m = 7.5	ft Minimum lateral underclearance on left 0.6 m = 2.0 ft
Minimum Vertical Underclearance 99.99 m = 328.1	ft Minimum vertical underclearance reference feature Highway beneath structure [H]
Appraisal ratings - underclearances Meets minimum	tolerable limits to be left in place as is [4]
Repair and Replacement Plans	
Type of work to be performed	Work done by Work to be done by contract [1]
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 39906000 Roadway improvement cost 7981000
actionation of madequate strongth. [55]	Length of structure improvement 2027.2 m = 6651.2 ft Total project cost 79812000
	Year of improvement cost estimate 2014
	Border bridge - state Unknown [410] Border bridge - percent responsibility of other state 50
	Border bridge - structure number 07949C009 00241

Inspection and Sufficiency	,							
Structure status Open,	no restrictio	n [A]	Appraisal ratings - structural		Equal to present minimum criteria [6]			
Condition ratings - superstr	ucture Satis	sfactory [6]	Appraisal ra roadway ali	attrigs	Equal to present desirable criteria [8]			
Condition ratings - substruc	ondition ratings - substructure Satisfactory [6]		Appraisal r	ratings - Meet	Meets minimum tolerable limits to be left in place as is [4]			
Condition ratings - deck	atings - deck Fair [5]		deck geom	netry				
Scour		Bridge foundations determined to be stable for assessed or calculated scour condition. [5]						
			n need of minor repairs. nel have minor amounts		es and e	mbankment protection have a little minor da	ımage.	
Appraisal ratings - water adequacy Equal to present desirable or		esirable criteria [8]	teria [8]		atus evaluation			
Pier or abutment protection In place and functioni		oning [2]	g [2]		fficiency rating 71			
Culverts Not applicable.	Used if stru	cture is not a culvert.	[N]					
Traffic safety features - rai	ings							
Traffic safety features - transitions								
Traffic safety features - ap	ŭ							
Traffic safety features - ap			pected feature meets cur		andards.	. [1]		
Inspection date October	ated inspection frequence		Month					
Unknown [Y36]		Underv	water inspection date					
Fracture critical inspection Every two years [Y24]			re critical inspection					
Other special inspection Not needed [N		eeded [N]	Other s	special inspection da	ate			