Basic Information						45-37-04.94 =	122-40-30.99
Oregon [41]	Multnomah County [051]	Unknown [00000]	AT INTERSTATE BR	IDGE	45.618039	= -122.675275
01377A001 30838	Highway agen	cy district #Num!	Owner State Highway	Agency [01]	Maintenance respon	sibility State Highway Age	ncy [01]
Route 5	I-5 (H	IWY 001) NB	Toll On fre	ee road [3]	eatures intersected CO	OLUMBIA RIVER	
Design - Steel [3] main		Design - approach	[3]	Kilometerpoint 49 Year built 1916	629 km = 30770.0 mi Year reconstruc	ted 1958	
Movable - I	_ift [15]	16 Truss	s - Thru [10]	Skew angle 0	Structure Flared		
				Historical significance	Bridge is on the	NRHP. [1]	
Total length 1078.4 i	m = 3538.2 ft Le	ngth of maximum sp	oan 85 m = 278.9 ft	Deck width, out-to-o	out 13.8 m = 45.3 ft B	ridge roadway width, curb-to-cu	urb 11.6 m = 38.1 ft
Inventory Route, Total	Horizontal Clearance	e 11 m = 36.1 ft	Curb or sidewalk w	width - left $0 \text{ m} = 0.0$	ft Cu	urb or sidewalk width - right	1.6 m = 5.2 ft
Deck structure type	C	Concrete Cast-in-Pla	ice [1]				
Type of wearing surfa	ce L	atex Concrete or sin	milar additive [3]				
Deck protection	E	poxy Coated Reinfo	orcing [1]				
Type of membrane/we	earing surface						
Weight Limits							
Bypass, detour length	Method to detern	nine inventory rating	No rating analysis or	r evaluation perfor Inv	ventory rating 13.6 m	netric ton = 15.0 tons	
0.2 km = 0.1 mi	Method to determ	nine operating rating	No rating analysis or	r evaluation perfor Op	perating rating 22.7 m	netric ton = 25.0 tons	
	Bridge posting	Equal to or above I	egal loads [5]	De	esign Load M 13.5 / H	15 [2]	

Functional Details				
Average Daily Traffic 128400 Average daily to	ruck traffi 10 % Year 2014 Fut	ure average daily traffic	165300 Year	2033
Road classification	rban) [11] Lanes on structure 3		Approach roadway	y width 12.8 m = 42.0 ft
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 1 - way tra	affic [1]	Bridge me	edian
Parallel structure designation The left structure of	f parallel bridges. This structure carries traffic	c in the opposite direction	n. [L]	
Type of service under bridge Highway-waterway [6]	Lanes under structure 6	Navigation control	Navigation control on v	waterway (bridge permit required). [1]
Navigation vertical clearanc 4.3 m = 14.1 ft	Navigation horizonta	al clearance 80.2 m = 26	3.1 ft	
Minimum navigation vertical clearance, vertical lift bri	dge 42.7 m = 140.1 ft	Minimum vertical clear	ance over bridge roadwa	ay 4.72 m = 15.5 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]			
Minimum lateral underclearance on right 0.9 m = 3.0	ft	Minimum lateral undercle	earance on left $2.7 \text{ m} = 8$	3.9 ft
Minimum Vertical Underclearance 4.44 m = 14.6 ft	Minimum vertical under	erclearance reference fea	ature Highway beneath	structure [H]
Appraisal ratings - underclearances Basically intoler	able requiring high priority of corrrective action	on [3]		
Repair and Replacement Plans				
Type of work to be performed	Work done by Work to be done by contra	act [1]		
Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost 16622000	Roadway im	provement cost 16	62000
[]	Length of structure improvement 10	078 m = 3536.9 ft T	otal project cost 26	595000
	Year of improvement cost estimate	2011		
	Border bridge - state Unknown [530]	Во	rder bridge - percent res	sponsibility of other state 50
	Border bridge - structure number 000	000PR0000000		

Inspection and Suf	ficiency								
Structure status	Open, no res	striction [A]		Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]				
Condition ratings - s	superstructure	Fair [5]		Appraisal ratings - roadway alignment		Equal to present desirable criteria [8]			
Condition ratings - s	substructure	Fair [5]		Appraisal ratings -	Basically in	ntolerable requiring high	h priority of replacem	nent [2]	
Condition ratings - o	deck	Fair [5]		deck geometry					
Scour		Bridge is s	cour critical; bridge fou	ındations determined l	to be unstable	e. [3]			
Channel and channel protection Bank protection is in need Banks and/or channel have					rol devices an	d embankment protecti	ion have a little mino	r damage.	
Appraisal ratings - N	vater adequad	Equal to p	resent desirable criteri	a [8]		Status evaluation F	unctionally obsolete	[2]	
Pier or abutment pr	otection	Navigation	n protection not require	d [1]		Sufficiency rating 1	8.5		
Culverts Not appl	icable. Used	if structure is not	a culvert. [N]						
Traffic safety featu	res - railings		Inpected feature	meets currently acce	ptable standa	rds. [1]			
Traffic safety featu	res - transitior	ns	Inpected feature	meets currently acce	ptable standa	rds. [1]	_		
Traffic safety featu	res - approacl	n guardrail	Inpected feature	meets currently acce	ptable standa	rds. [1]	_		
Traffic safety features - approach guardrail ends Inpected fea			Inpected feature	meets currently acce	ptable standa	rds. [1]			
Inspection date	July 2016 [0	716]	Designated inspection	on frequency 24	М	onths			
Underwater inspection Unknown [Y36]			Underwater inspec	September 2015 [0915]					
Fracture critical inspection Every two years [Y24]		Y24]	Fracture critical ins	pection date July 2016 [0716]					
Other special insp	ection	Not needed [N]		Other special insp	ection date				

Basic Information						45-37-04.94 =	122-40-30.99
Washington [53]	Clark County [011]		Vancouver [74060]	OREGON LINE		45-57-04.94 = 45.618039	= -122.675275
000000PR0000000	Highway agen	cy district 4	Owner State Highway	Agency [01]	Maintenance respon	State Highway Age	ncy [01]
Route 5	I-5		Toll On fre	ee road [3]	eatures intersected Co	OLUMBIA R INTERSTATE	
Design - Steel [3] main		Design - Steel approach	[3]	'	km = 0.1 mi Year reconstruc	ctod 1050	
Movable -	Lift [15]	11 Truss	- Thru [10]	Year built 1916 Skew angle 0	Structure Flared	1930	
				Historical significance	Bridge is on the	e NRHP. [1]	
Total length 1078.4	m = 3538.2 ft Lei	ngth of maximum sp	an 85 m = 278.9 ft	Deck width, out-to-ou	13.8 m = 45.3 ft B	Bridge roadway width, curb-to-cu	11.6 m = 38.1 ft
Inventory Route, Tota	l Horizontal Clearance	e 11 m = 36.1 ft	Curb or sidewalk w	width - left $0 \text{ m} = 0.0 \text{ ft}$	Cu	urb or sidewalk width - right	1.6 m = 5.2 ft
Deck structure type	C	Concrete Cast-in-Pla	ce [1]				
Type of wearing surfa	ce L	atex Concrete or sin	nilar additive [3]				
Deck protection	E	Epoxy Coated Reinfo	rcing [1]				
Type of membrane/w	earing surface						
Weight Limits							
Bypass, detour lengt	n Method to determ	nine inventory rating	No rating analysis or	r evaluation perfor Inve	entory rating 13.6 n	netric ton = 15.0 tons	
0.2 km = 0.1 mi	Method to determ	nine operating rating	No rating analysis or	r evaluation perfor Ope	erating rating 22.7 n	netric ton = 25.0 tons	
	Bridge posting	Equal to or above le	egal loads [5]	Des	sign Load M 13.5 / H	15 [2]	

Functional Details			
Average Daily Traffic 64286 Average daily to	ruck traffi 15 % Year 2010 Fut	ture average daily traffic 72976	Year 2030
Road classification	rban) [11] Lanes on structure 3	Approa	ch roadway width 12.8 m = 42.0 ft
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 1 - way tra	affic [1]	Bridge median
Parallel structure designation The right structure	of parallel bridges carrying the roadway in th	e direction of the inventory. [R]	
Type of service under bridge Highway-waterway [6]	Lanes under structure 6	Navigation control Navigation	control on waterway (bridge permit required). [1]
Navigation vertical clearanc 41.5 m = 136.2 ft	Navigation horizont	al clearance 80.2 m = 263.1 ft	
Minimum navigation vertical clearance, vertical lift bri	dge 4.3 m = 14.1 ft	Minimum vertical clearance over bri	idge roadway 4.72 m = 15.5 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]		
Minimum lateral underclearance on right 0.9 m = 3.0	ft	Minimum lateral underclearance on lef	ft 2.7 m = 8.9 ft
Minimum Vertical Underclearance 4.44 m = 14.6 ft	Minimum vertical und	lerclearance reference feature Highwa	ay beneath structure [H]
Appraisal ratings - underclearances Basically intoler	able requiring high priority of corrrective action	on [3]	
Repair and Replacement Plans			
Type of work to be performed	Work done by Work to be done by contr	act [1]	
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 31134000	Roadway improvement co	ost 6227000
deterioration of inducequate strength. [55]	Length of structure improvement 1	078.4 m = 3538.2 ft Total project of	cost 62269000
	Year of improvement cost estimate	2014	
	Border bridge - state Unknown [410]	Border bridge -	percent responsibility of other state 50
	Border bridge - structure number 013	377A001 30838	

Inspection and Suf	ficiency								
Structure status	Open, no res	striction [A]		appraisal ratings - tructural	Basically ir	ntolerable requiring hiç	gh priority of corrrectiv	e action [3]	
Condition ratings - s	superstructure	Fair [5]		appraisal ratings - padway alignment	Equal to pr	Equal to present desirable criteria [8]			
Condition ratings - s	substructure	Fair [5]		Appraisal ratings -	Basically in	ntolerable requiring hig	gh priority of replacem	nent [2]	
Condition ratings - o	deck	Fair [5]		deck geometry					
Scour		Bridge is s	cour critical; bridge fou	ndations determined t	to be unstable	e. [3]			
Channel and channel protection Bank protection is in need Banks and/or channel have					rol devices an	d embankment protec	tion have a little mino	r damage.	
Appraisal ratings - V	water adequad	Equal to p	resent desirable criteria	a [8]		Status evaluation	Functionally obsolete	[2]	
Pier or abutment pr	otection	Navigation	n protection not require	d [1]		Sufficiency rating	18.5		
Culverts Not appl	licable. Used	if structure is not	a culvert. [N]						
Traffic safety featu	res - railings		Inpected feature	meets currently acce	ptable standa	rds. [1]			
Traffic safety featu	res - transitior	ns	Inpected feature	meets currently acce	ptable standa	rds. [1]			
Traffic safety featu	res - approacl	n guardrail	Inpected feature	meets currently acce	ptable standa	rds. [1]			
Traffic safety features - approach guardrail ends Inpected fea			Inpected feature	meets currently acce	ptable standa	rds. [1]			
Inspection date	May 2013 [0	513]	Designated inspection	n frequency 24	M	onths			
Underwater inspection Unknown [Y36]				Underwater inspec	ection date September 2013 [0913]				
Fracture critical in	Fracture critical inspection Every two years [Y24]			Fracture critical ins	spection date August 2012 [0812]				
Other special insp	ection	Not needed [N]		Other special inspe	ection date				

Basic Information						45-37-01.06 =	122-40-33.96
Oregon [41]	Multnomah County [[051]	Unknown [00000]	AT INTERSTATE BRIE	DGE	45.616961	= -122.676100
07333 001 30838	Highway agen	cy district #Num!	Owner State Highway A	Agency [01]	Maintenance respo	State Highway Age	ncy [01]
Route 5	I-5 (H	IWY 001) SB	Toll On fre	ee road [3]	eatures intersected (COLUMBIA RIVER	
Design - Steel [3] main		Design - approach Steel		Kilometerpoint 496 Year built 1958	529 km = 30770.0 mi Year reconstru	ucted N/A [0000]	
Movable - Li	ft [15]	11 Truss	- Thru [10]	Skew angle 0	Structure Flared		
				Historical significance	Bridge is poss	ibly eligible for the NRHP. [3]	
Total length 1078.4 m	ı = 3538.2 ft Lei	ngth of maximum sp	an 161.8 m = 530.9 ft	Deck width, out-to-ou	ut 15.4 m = 50.5 ft	Bridge roadway width, curb-to-cu	urb 12.2 m = 40.0 ft
Inventory Route, Total I	Horizontal Clearance	e 11.7 m = 38.4 ft	Curb or sidewalk w	idth - left 1.7 m = 5.6	5 ft (Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	(Concrete Cast-in-Pla	ce [1]				
Type of wearing surface	e L	atex Concrete or sir	nilar additive [3]				
Deck protection	E	Epoxy Coated Reinfo	orcing [1]				
Type of membrane/wea	aring surface						
Weight Limits							
Bypass, detour length	Method to detern	nine inventory rating	No rating analysis or	evaluation perfor Inve	entory rating 32.7	metric ton = 36.0 tons	
0.2 km = 0.1 mi	Method to detern	nine 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	sign Load MS 18 / F	IS 20 [5]	

Functional Details			
Average Daily Traffic 128400 Average daily tr	uck traffi 10 % Year 2014 Fut	ture average daily traffic 165300	Year 2033
Road classification	ban) [11] Lanes on structure 3	Approach r	oadway width 12.8 m = 42.0 ft
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 1 - way tra	affic [1] Bri	dge median
Parallel structure designation The right structure	of parallel bridges carrying the roadway in the	e direction of the inventory. [R]	
Type of service under bridge Highway-waterway [6]	Lanes under structure 8	Navigation control Navigation cont	trol on waterway (bridge permit required). [1]
Navigation vertical clearanc 4.3 m = 14.1 ft	Navigation horizonta	al clearance 80.2 m = 263.1 ft	
Minimum navigation vertical clearance, vertical lift brid	dge 42.7 m = 140.1 ft	Minimum vertical clearance over bridge	roadway 4.88 m = 16.0 ft
Minimum lateral underclearance reference feature H	ghway beneath structure [H]		
Minimum lateral underclearance on right 0.9 m = 3.0	ft	Minimum lateral underclearance on left 3.	5 m = 11.5 ft
Minimum Vertical Underclearance 4.42 m = 14.5 ft	Minimum vertical und	erclearance reference feature Highway b	eneath structure [H]
Appraisal ratings - underclearances Basically intoler	able requiring high priority of corrrective action	on [3]	
Repair and Replacement Plans			
Type of work to be performed	Work done by Work to be done by contra	act [1]	
Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost 18572000	Roadway improvement cost	1857000
without deak renabilitation of replacement [55]	Length of structure improvement	078 m = 3536.9 ft Total project cost	29715000
	Year of improvement cost estimate	2011	
	Border bridge - state Unknown [530]	Border bridge - per	cent responsibility of other state 50
	Border bridge - structure number 000	5216A0000000	

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 - superstruc	ure Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]		
Condition ratings - substructu	e Satisfactory [6]	Appraisal ratings -	Basically intolerable requiring high priority of corrrective action [3]		
Condition ratings - deck	Satisfactory [6]	deck geometry			
Scour	Bridge is scou	r critical; bridge foundations determined	d to be unstable. [3]		
Channel and channel protecti		tected or well vegetated. River control de in a stable condition. [8]	devices such as spur dikes and embankment protection are not		
Appraisal ratings - water adec	Equal to preso	ent desirable criteria [8]	Status evaluation Functionally obsolete [2]		
Pier or abutment protection	Navigation pro	otection not required [1]	Sufficiency rating 46		
Culverts Not applicable. Us	ed if structure is not a cu	lvert. [N]			
Traffic safety features - railin	S	Inpected feature meets currently acce	ceptable standards. [1]		
Traffic safety features - trans	tions	Inpected feature meets currently acce	ceptable standards. [1]		
Traffic safety features - appre	ach guardrail	Inpected feature meets currently acce	ceptable standards. [1]		
Traffic safety features - appr	ach guardrail ends	Inpected feature meets currently acce	ceptable standards. [1]		
Inspection date July 201	[0716] D	esignated inspection frequency 24	4 Months		
Underwater inspection	Unknown [Y36]	Underwater inspec	ection date September 2015 [0915]		
Fracture critical inspection	Every two years [Y24	Fracture critical in:	nspection date July 2016 [0716]		
Other special inspection	Not needed [N]	Other special insp	spection date		

Basic Information						45-37-01.06 =	122-40-33.96
Washington [53]	Clark County [011]		Vancouver [74060]	OREGON LINE		45.616961	= -122.676100
0005216A0000000	Highway ager	ncy district 4	Owner State Highway	Agency [01]	Maintenance responsibility	State Highway Age	ncy [01]
Route 5	I-5		Toll On fre	ee road [3] Fe	eatures intersected COLUM	BIA R INTERSTATE	
Design - Steel [3] main		Design - approach	[3]	Kilometerpoint 0.1 I Year built 1958	km = 0.1 mi Year reconstructed	[0000] 4\/	
Movable - I	_ift [15]	11 Truss	- Thru [10]	Skew angle 0	Structure Flared	w/ \ [0000]	
				Historical significance	Bridge is on the NRH	P. [1]	
Total length 1078.4	m = 3538.2 ft Le	ength of maximum sp	an 161.8 m = 530.9 ft	Deck width, out-to-out	t 15.4 m = 50.5 ft Bridge	roadway width, curb-to-cu	rb 12.2 m = 40.0 ft
Inventory Route, Tota	Horizontal Clearanc	e 11.7 m = 38.4 ft	Curb or sidewalk w	idth - left 1.7 m = 5.6	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 [Latex Concrete or sir	nilar additive [3]				
Deck protection		Epoxy Coated Reinfo	rcing [1]				
Type of membrane/we	earing surface						
Weight Limits							
Bypass, detour lengtl	Method to deteri	mine inventory rating	No rating analysis or	evaluation perfor Inve	entory rating 32.7 metric t	on = 36.0 tons	
0.2 km = 0.1 mi	Method to determ	mine operating rating	No rating analysis or	r evaluation perfor Ope	erating rating 54.4 metric t	on = 59.8 tons	
	Bridge posting	Equal to or above le	egal loads [5]	Des	ign Load MS 18 / HS 20 [5	j]	

Functional Details			
Average Daily Traffic 64286 Average daily tr	ruck traffi 15 % Year 2010 Fut	ture average daily traffic 72976	Year 2030
Road classification	rban) [11] Lanes on structure 3	Approach	roadway width 12.8 m = 42.0 ft
Type of service on bridge Highway-pedestrian [5]	Direction of traffic 1 - way tra	affic [1] Bı	ridge median
Parallel structure designation The left structure o	f parallel bridges. This structure carries traffi	ic in the opposite direction. [L]	
Type of service under bridge Highway-waterway [6]	Lanes under structure 8	Navigation control Navigation cor	ntrol on waterway (bridge permit required). [1]
Navigation vertical clearanc 41.5 m = 136.2 ft	Navigation horizont	al clearance 80.2 m = 263.1 ft	
Minimum navigation vertical clearance, vertical lift bri	dge 4.3 m = 14.1 ft	Minimum vertical clearance over bridge	e roadway 4.88 m = 16.0 ft
Minimum lateral underclearance reference feature H	ighway beneath structure [H]		
Minimum lateral underclearance on right 0.9 m = 3.0	ft	Minimum lateral underclearance on left 3	3.5 m = 11.5 ft
Minimum Vertical Underclearance 4.42 m = 14.5 ft	Minimum vertical und	lerclearance reference feature Highway	beneath structure [H]
Appraisal ratings - underclearances Basically intoler	able requiring high priority of corrrective action	on [3]	
Repair and Replacement Plans			
Type of work to be performed	Work done by Work to be done by contr	ract [1]	
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost 31134000	Roadway improvement cost	6227000
deterioration of inducedance strength. [50]	Length of structure improvement 1	078.4 m = 3538.2 ft Total project cos	t 62269000
	Year of improvement cost estimate	2014	
	Border bridge - state Unknown [410]	Border bridge - pe	rcent responsibility of other state 50
	Border bridge - structure number 073	333 001 30838	

Inspection and Suf	ficiency							
Structure status	Open, no res	striction [A]		Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5] Equal to present desirable criteria [8]			
Condition ratings - s	superstructure	Fair [5]		Appraisal ratings - roadway alignment				
Condition ratings - s	substructure	Satisfactory [6]		Appraisal ratings -	Basically in	olerable requiring high priority	of corrrective action [3]	
Condition ratings - o	deck	Satisfactory [6]		deck geometry				
Scour		Bridge is s	cour critical; bridge fo	undations determined	to be unstable.	[3]		
Channel and channel protection Banks are protected or we required or are in a stable					evices such as	spur dikes and embankment p	rotection are not	
Appraisal ratings - water adequacy Equal to present desirable			resent desirable criter	ia [8]	Status evaluation Functionally obsolete [2]			
Pier or abutment pr	otection	Navigation	n protection not requir	ed [1]		sufficiency rating 49		
Culverts Not appl	icable. Used	if structure is not a	a culvert. [N]					
Traffic safety featu	res - railings		Inpected featur	e meets currently acce	ptable standar	ls. [1]		
Traffic safety featu	res - transitior	ns	Inpected featur	e meets currently acce	ptable standar	ls. [1]		
Traffic safety featu	res - approach	n guardrail	Inpected featur	e meets currently acce	ptable standar	ls. [1]		
Traffic safety features - approach guardrail ends Inpected fea			Inpected featur	e meets currently acce	ptable standar	ls. [1]		
Inspection date	May 2013 [0	513]	Designated inspecti	on frequency 24	Mo	nths		
Underwater inspection Unknown [Y36]				Underwater inspec	ction date	September 2013 [0913]		
Fracture critical in	spection	Every two years [Y24]	Fracture critical ins	nspection date July 2012 [0712]			
Other special insp	ection	Not needed [N]		Other special insp	ection date			