P2 Bridge Preservation - Concrete Deck Repair / Overlay Projects



2009-11 Bien Priority Array (Sorted by Priority Number)



09-11 #	Bridge Number	Bridge Name	Mile post	Region	Future Work Description	Bridge Item\$'s
	090/121	EAST EASTON UC	71.56	SC	Bridge Deck Overlay - HMA	\$275,556
1	090/132S	YAKIMA R	78.81	SC	Bridge Deck Overlay - MC	\$253,380
2	082/020N	MILITARY RD OC	11.62	SC	Bridge Deck Overlay - MC	\$194,256
13	128/010	SNAKE R - RED WOLF BR	0.22	SC	Bridge Deck Overlay - MC	\$1,541,696
14	090/152S	WEST SIDE CANAL	100.55	SC	MCO Mill hydro	\$80,910
15	090/150S	TANEUM CR	97.27	SC	MCO Mill hydro	\$139,412
16	090/156S	DRY CR	104.71	SC	MCO Mill hydro	\$301,903
17	090/152N	WEST SIDE CANAL	100.55	SC	MCO Mill hydro	\$74,931
18	090/150N	TANEUM CR	97.27	SC	MCO Mill hydro	\$139,412
19	090/156N	DRY CR	104.71	SC	MCO Mill hydro	\$301,903
21	012/329	COWICHE CR	199.21	SC	MCO Hydro Orig deck	\$203,470
22	090/126S	BIG CR	75.36	SC	RSLMC or Poly deck prep	\$174,646
25	082/213S	CHANDLER CANAL BRIDGE	81.86	SC	MCO orig deck	\$134,548
26	090/162N	WILSON CR	109.13	SC	MCO Mill deck prep	\$197,935
27	082/217	I-82 OC, WINE COUNTRY RD	82.34	SC	MCO hydro patches	\$392,995
30	090/134N	CLE ELUM R	80.79	SC	MCO Mill & hydro	\$249,342
31	082/010S	SR 821 OC THRALL RD	3.22	SC	MCO Mill hydro bad const	\$429,329
35	261/120	TUCANNON R	10.27	SC	Bridge Deck Overlay - MC	\$145,355
36	090/118N	KACHESS R	69.49	SC	RSLMC Mill hydro 2.6%	\$287,494
Tota	l Number of E	Bridges = 19			Total of Bridge Item\$ -	\$5 518 <i>1</i> 71

Total Number of Bridges = 19

Total of Bridge Item\$ = \$5,518,471



P2 Bridge Preservation - Concrete Deck Repair / Overlay Projects



2009-11 Bien Priority Array (Sorted by State Route)



09-11 #	Bridge Number	Bridge Name	Mile post	Region	Future Work Description	Bridge Item\$'s
21	012/329	COWICHE CR	199.21	SC	MCO Hydro Orig deck	\$203,470
31	082/010S	SR 821 OC THRALL RD	3.22	SC	MCO Mill hydro bad const	\$429,329
2	082/020N	MILITARY RD OC	11.62	SC	Bridge Deck Overlay - MC	\$194,256
25	082/213S	CHANDLER CANAL BRIDGE	81.86	SC	MCO orig deck	\$134,548
27	082/217	I-82 OC, WINE COUNTRY RD	82.34	SC	MCO hydro patches	\$392,995
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	090/121	EAST EASTON UC	71.56	SC	Bridge Deck Overlay - HMA	\$275,556
22	090/126S	BIG CR	75.36	SC	RSLMC or Poly deck prep	\$174,646
1	090/132S	YAKIMA R	78.81	SC	Bridge Deck Overlay - MC	\$253,380
30	090/134N	CLE ELUM R	80.79	SC	MCO Mill & hydro	\$249,342
18	090/150N	TANEUM CR	97.27	SC	MCO Mill hydro	\$139,412
15	090/150S	TANEUM CR	97.27	SC	MCO Mill hydro	\$139,412
17	090/152N	WEST SIDE CANAL	100.55	SC	MCO Mill hydro	\$74,931
14	090/152S	WEST SIDE CANAL	100.55	SC	MCO Mill hydro	\$80,910
19	090/156N	DRY CR	104.71	SC	MCO Mill hydro	\$301,903
16	090/156S	DRY CR	104.71	SC	MCO Mill hydro	\$301,903
26	090/162N	WILSON CR	109.13	SC	MCO Mill deck prep	\$197,935
13	128/010	SNAKE R - RED WOLF BR	0.22	SC	Bridge Deck Overlay - MC	\$1,541,696
35	261/120	TUCANNON R	10.27	SC	Bridge Deck Overlay - MC	\$145,355
Tota	l Number of B	ridges – 19			Total of Bridge Item [®] -	¢E E10 471

Total Number of Bridges = 19

Total of Bridge Item\$ = \$5,518,471







BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
12 / 329	COWICHE CR		South	Central 199.21
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):		l	SUFFICIENCY RATING:
1932	01603 , 08846 , 1	6318		81.71
BRIDGE TYPE: CTB		EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
deck type: Conc ca	ast-in-place	A	CP w/me	mbrane
DECK THICKNESS: 8.0 in . (Main Span)		Year	Applied	- 1972
		Overlay	Thicknes	s - 3.0 inches
BRIDGE WIDTH (curb-curb): 84.0 ft.	BRIDGE LENGTH: 53 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			
18,000	4			
	AL CLEARANCE			
VC Type:		and the state of the second		
NA	4			A STATE OF THE OWNER
BRI	DGE RAIL	/ /	A	
	ODE - 70.6			
	e 1B w/Thrie Beam			
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/curb width: 0.1 Lt 0.1 Rt			
9 EXPAN	ISION JOINTS	DECK PROTECT	OMMENDED?:	
		COMMENTS:		
		The original rehabilitatio hydromill the	n. We origina	recommend a
		Region may co final HMA ove portion. The should not ex	rlay to total A	match the widen CP thickness
BRIDGE D	ECK SURVEY	_		
DELAMINATION RESULTS: NA CHLORIDE RESULTS: 20 % are > 2 lbs./	DATE CY 7 / 85			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
82 / 10S	SR 821 OC THRAL	L RD	South	Central 3.22
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1970	08672 , 12857 , 1	.6531		91.34 SD
BRIDGE TYPE: PCG	-	EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
DECK TYPE: Conc ca	ast-in-place	Ori	ginal (Concrete
DECK THICKNESS: (Main Span) 9.5 in.				
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
53.2 ft.	357 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			and the second
6,500	3			an Maria I
_		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	Inc.
	821 OC			
NA				
	DGE RAIL	1-12	-	Constant of
	ODE - 73.2	5	E.	
	e – Type R sidewalk/curb width:	A	9-11-	
RAIL MEETS CURRENT STANDARDS?: YES	0.7 Lt 0.7 Rt	11	1	
402 FYPAN	ISION JOINTS			
		PROTECTIVE OVERLAY REC	_	
Compression seals at the ends replaced.	of the bridge may need to be	TYPE RECOMMENDED: M		
		COMMENTS:	_	_
		was added to concrete deck construction with the orig overlay was a	the exist during in 1970 inal dec dded in	due to problems ck. The polymer
BRIDGE D	ECK SURVEY		lay by :	a 1.5" modified rotomilling 1" ".
DELAMINATION RESULTS: 198 sq ft CHLORIDE RESULTS: 39 % are > 2 lbs./	DATE 1.0% of deck 11 / 92 CY 4 / 83			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
82 / 20N	MILITARY RD OC		South	Central 11.62
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1971	08688 , 13438 , 1	5407		92.05 SD
BRIDGE TYPE: PCG		EXISTING WEARING SURFA	CE AND DECK PF	
	st-in-place		LMC Ove	erlay
DECK THICKNESS: 7.0 in.		Year	Applied	- 1989
(Main Span)		Overlay	Thicknes	s – 1.5 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
38.0 ft.	142 ft.			
AVERAGE DAILY TRAFFIC (ADT): 6,500	NUMBER OF LANES:	and the second se		
		-		
VC Type:				
NA		And the second s	The Local Diverse	
BRI	DGE RAIL			P
BRIDGE RAIL TYPE: WSDOT C	ODE - 73.2			
Conc Bas	e – Type R		1	
RAIL MEETS CURRENT STANDARDS?:	sidewalk/curb width: 0.7 Lt 0.7 Rt			
YES				
402 EXPAN	SION JOINTS			
Compression seals may need t	o be replaced.	PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M		
		COMMENTS:		
		the deck is d areas that ha cracking. Pre in 1979 and 1	leteriora ive moden vious re .988 repa Several	ports indicate ating with many rate to severe epair projects aired over 10% of the repairs 3/2005
		existing LMC,	hydrom	ling 1" of the illing 0.5", and
BRIDGE D	ECK SURVEY	-placing a new overlay.	7 1.5" mo	odified conc
delamination results: 653 sq ft 12 Chloride results: NA	DATE 2.1% of deck 6 / 98			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
82 / 213S	CHANDLER	CANAL BRI	DGE	South	Central	81.86
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):				SUFFICIENCY RA	TING:
1977	10534				99.39	
BRIDGE TYPE: PCG	1		EXISTING WEARING SURFA	CE AND DECK P	ROTECTION TYPE:	
DECK TYPE: Conc ca	ast-in-plac	e	ori	ginal o	concrete	
DECK THICKNESS: (Main Span) 0.0 in						
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:					
38.0 ft.	113 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:		2.97	a from the		and the second s
6,500	2			-	States and the	11 MA
VERTICA VC Type:	AL CLEARANCE		tora de la constance de la	T T TIME	PHONE CLAR	
NA NA			and the second s		1	
	DGE RAIL		-	/		
	ODE - 60			/		
	ey Barrier			1		
RAIL MEETS CURRENT STANDARDS?:		CURB WIDTH:		4		
YES	0.0 L	t 0.0 Rt	L.C. Marin	mining		「きて、「「「「」」」
BRIDGE D	ECK SURVEY	DATE 11 / 85	DECK PROTECT PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M COMMENTS: Bridge Inspect the deck is m deteriorated. We recommend hydromilling modified conc	OMMENDED?: C Overla tion re ore tha 0.5" sc and pla	YES 09-11 P2 y / Hydro ports ind: n 5% arificatio cing 1.5"	Priority #: 25
0 % are > 2 lbs./	СҮ	11 / 85				
REBAR RESULTS:			REVIEWED BY:		DATE:	
4 % are < or = 1	inch	11 / 85	Bruce Thill		12/	12/2007





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
82 / 217	I-82 OC, 1	WINE COUN	ITRY RD	South	Central	82.34
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):				SUFFICIENCY RA	TING:
1978	10534				97.00	SD
BRIDGE TYPE: PCG			EXISTING WEARING SURFA	CE AND DECK P	ROTECTION TYPE:	
DECK TYPE: Conc ca	ast-in-place	2	ori	ginal o	concrete	
DECK THICKNESS: 7.5 in (Main Span)						
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:					
47.1 ft.	368 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:					
2,500	2		and the second se			
			. And the second			
	rcrossing					1000
NA			and he will have		all all states and the	π.
			A REAL PROPERTY.			
	CODE - 60 ey Barrier					- HERE
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK/C					
YES	0.0 Lt					
404 EXPAN	ISION JOINTS		DECK PROTECT PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M COMMENTS: Bridge Inspect the deck is m deteriorated. We recommend hydromilling modified conc	C Overla C Overla tion re ore tha 0.5" sc and pla	YES 09-11 P2 y / Hydro ports ind n 5% arificati cing 1.5"	2 Priority #: 27
BRIDGE D	ECK SURVEY		_			
DELAMINATION RESULTS:		DATE				
42 sq ft Chloride results:	0.2% of deck	4 / 86				
9 % are > 2 lbs./	CY	4 / 86				
REBAR RESULTS:			REVIEWED BY:		DATE:	
1 % are < or = 1	inch	4 / 86	Bruce Thill		12/	12/2007





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
90 / 118N	KACHESS R			South	Central	69.49
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):				SUFFICIENCY RA	TING:
1958	05702 , 1	2857			92.71	
BRIDGE TYPE: CVS			EXISTING WEARING SURFAC	CE AND DECK PF	ROTECTION TYPE:	
DECK TYPE: Conc ca	st-in-place	5		LMC Ove	erlay	
DECK THICKNESS: (Main Span) 23.0 in				Applied	- 1985 s - 1.5 :	inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:		Overlay	IIIICKIIES	5 1.5	liiciies
38.0 ft.	150 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:					
10,012	2			and R		
-	L CLEARANCE			· States	- CARDO	
VC Type:			the second of		-	calls .
NA			and the second s	and the second		
BRI	DGE RAIL			-		
-	ODE - 60				A Street	2
	ey Barrier				1	the second se
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/ci 0.0 Lt		The second s		Comment of the second	25.2002
402 EXPAN	SION JOINTS		DECK PROTECTI PROTECTIVE OVERLAY RECO TYPE RECOMMENDED: MG COMMENTS: Bridge Inspec the deck over We recommend overlay by 1" scarification placing 1.5" overlay. Rapi considered to closure.	C Overlay C Overlay lay is of removing rotomi by hydy modified d Set Li	YES 09-11 P y / Hydro ports ind deteriora g the LMC ll, 0.5" romilling d concret MC may be	Priority #: 36 icate ted. and e
BRIDGE D	ECK SURVEY		_			
DELAMINATION RESULTS: 62 sq ft CHLORIDE RESULTS:	1.1% of deck	date 5 / 92				
30 % are > 2 lbs./	СҮ	5 / 83				
	СҮ	5 / 83	REVIEWED BY:		DATE	





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
90 / 126S	BIG CR			South	Central	75.36
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			1	SUFFICIENCY RA	TING:
1973	09428				93.93	SD
BRIDGE TYPE: CS			EXISTING WEARING SURFA	CE AND DECK P	ROTECTION TYPE:	
	ast-in-place		ori	ginal d	concrete	
DECK THICKNESS: in . (Main Span)						
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:					
38.0 ft.	55 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:		-			Part -
10,720	2					to all the
	L CLEARANCE		the second diversion	-		
VC Type:						
NA			III STORE			A REAL
	DGE RAIL					-
	ODE - 63					
	ey – Type R					
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/cu 0.0 Lt					
9 FYPAN	ISION JOINTS		DECK PROTECT			
			PROTECTIVE OVERLAY REC	_		Priority #: 22
			TYPE RECOMMENDED: R			
			COMMENTS:			
			Bridge Inspec the deck is o			
			We recommend hydromilling modified conc	and pla	cing 1.5"	on by
BRIDGE D	ECK SURVEY		_			
DELAMINATION RESULTS:		DATE				
8 sq ft (CHLORIDE RESULTS:	0.4% of deck	8 / 94				
20 % are > 2 lbs./	СҮ	5 / 86				
REBAR RESULTS:			REVIEWED BY:		DATE:	
0 % are < or = 1	inch	5/86	Bruce Thill		12/	12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 132S	YAKIMA R		South	Central 78.81
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1917	00267 , 09803			93.86 SD
BRIDGE TYPE: CEFA		EXISTING WEARING SURFA	CE AND DECK PI	ROTECTION TYPE:
DECK TYPE: Conc ca	ast-in-place	ori	ginal o	concrete
DECK THICKNESS: 10.0 in. (Main Span)				
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
41.0 ft.	206 ft.		54 m	
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:	2 3	444	
11,470	2			
VERTICA	AL CLEARANCE			A HANNESS OF
VC Type:			1 1 200	
NA	7			
BRI	DGE RAIL			
	ODE - 60			
New Jers	ey Barrier			
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/curbwidth: 0.0 Lt 0.0 Rt			
6 <u>م</u> آ	0.0 LL 0.0 RL			
402 EXPAN	ISION JOINTS		_	
		PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M		<mark>YES</mark> 09–11 P2 Priority #: <mark>01</mark> y / Hydro
		COMMENTS:		
		There are num exposed rebar lane.	_	otholes and hout the driving
			0 E b	d
		We recommend scarification overlay with overlay.	, repai	r delams, then
		The rutts in	-	
BRIDGE D	ECK SURVEY	-filled with U June 05.	re-rast	previous to
DELAMINATION RESULTS:	DATE			
	5.9% of deck 12 / 04			
CHLORIDE RESULTS:	CV 4 / 00			
64 % are > 2 lbs./	CY 4/89			D.175
0 are < or = 1	inch 6/85	REVIEWED BY: Bruce Thill		date: 12/12/2007
	0/00	DIALC LIVE		12/12/200/





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 134N	CLE ELUM R		South	Central 80.79
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):		1	SUFFICIENCY RATING:
1949	03527 , 12459			73.68 SD
BRIDGE TYPE: STrus C	'TB	EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
deck type: Conc ca	st-in-place	Low	Slump	Mod Conc
DECK THICKNESS: 6.5 in.		Year	Applied	- 1983
		Overlay	Thicknes	s - 2.0 inches
BRIDGE WIDTH (curb-curb): 31.0 ft.	BRIDGE LENGTH: 297 ft.			
	-		e.	
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:		der -	
			11	
VC Type: Ste	el Truss			
NA			ANGUL	
BRI	DGE RAIL			
	ODE - 60		1	
New Jers	ey Barrier	Section Sec.		
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/curb width: 0.0 Lt 0.0 Rt		1	
403 413 EXPAN	ISION JOINTS	DECK PROTECT	_	MRECOMMENDATIONS YES 09-11 P2 Priority #:
Coordinate with your Region's determine if any repairs are re-		TYPE RECOMMENDED: M		
determine if any repairs are re-	quired.	COMMENTS:		
		Bridge Inspect the deck over deteriorated.	lay is i	ports indicate more than 10%
		1	1 0 "	
		We recommend scarification placing 1.5" overlay.	by hyd:	romilling and
BRIDGE D	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
510 sq ft 5	5.5% of deck 7 / 94			
CHLORIDE RESULTS:				
100 % are > 2 lbs./	CY 10/81			
NA		REVIEWED BY: Bruce Thill		DATE:
INC		ישותר זוווו		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 150N	TANEUM CR		South	Central 97.27
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1965	07724 , 14902			97.21
BRIDGE TYPE: PCG	·	EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
DECK TYPE: Conc ca	st-in-place	Low	Slump 1	Mod Conc
DECK THICKNESS: 5.8 in.		Year	Applied	- 1983
		Overlay	Thicknes	s - 2.0 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
36.5 ft.	108 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			
8,378	2	-		Statement of Street, St.
VERTICA VC Type:		and the first		
		Star Bank	A	
NA	DGE RAIL			
	ODE - 73.2			IA
	obe - 73.2 e - Type R	and Sample		
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:		1	
YES	0.8 Lt 0.8 Rt			
	ISION JOINTS	PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M COMMENTS:	C Overlay C Overlay tion rep lay is t 1.0" rot by hydr	y / Hydro ports indicate more than 10% tomill, 0.5" romilling and
BRIDGE DI	EUN JURVET			
CHLORIDE RESULTS: 90 % are > 2 lbs./	DATE 3.9% of deck 8 / 94 CY 10 / 81			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 150S	TANEUM CR		South (Central 97.27
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):		I	SUFFICIENCY RATING:
1965	07724 , 14902			91.15 SD
BRIDGE TYPE: PCG	1	EXISTING WEARING SURFA	CE AND DECK PR	ROTECTION TYPE:
DECK TYPE: Conc ca	st-in-place	Low	Slump H	Mod Conc
DECK THICKNESS: 5.8 in.		Year	Applied	- 1983
(Main Span)		Overlay	Thicknes	s - 2.0 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
36.5 ft.	108 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			and the second se
8,378	2	-		Constant of the local division of the local
VERTICA VC Type:				and the second second
NA NA		Million I.	ME M	the set
	DGE RAIL		Lister and Disco	
			-	AI
	ODE - 73.2 e - Type R			
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:			A
YES	0.8 Lt 0.8 Rt	and the second sec		
9 FXPAN	SION JOINTS	DECK PROTECT		M RECOMMENDATIONS
		PROTECTIVE OVERLAY REC		
		TYPE RECOMMENDED: M	C Overlag	y / Hydro
		COMMENTS:		
		Bridge Inspect the deck over deteriorated.		ports indicate nore than 10%
			1 0 "	
		We recommend scarification placing 1.5" overlay.	by hydi	romilling and
	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
	7.7% of deck 7 / 94			
CHLORIDE RESULTS: 90 % are > 2 lbs./	CY 10/81			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 152N	WEST SIDE CANAL		South	Central 100.55
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1966	07904 , 12459			92.15
BRIDGE TYPE: CS	1	EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
DECK TYPE: Conc ca	st-in-place	Low	Slump i	Mod Conc
DECK THICKNESS: 12.0 in.		Year	Applied	- 1983
(Main Span)		Overlay	Thicknes	s - 2.0 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
36.5 ft.	31 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			
8,378	2			
-	L CLEARANCE		X	
VC Type:			· · · · · · · · · · · · · · · · · · ·	
NA		a digention of the		11 12
BRI	DGE RAIL		and the second s	
	ODE - 73.2		All and a second	4 TA
Conc Bas	e – Type R	and a second sec	un alter and the state	4 ALA
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:	Bellevery and		
YES	0.7 Lt 0.7 Rt			
402 EXPAN	SION JOINTS	DECK PROTECT	IVE SYSTE	M RECOMMENDATIONS
		PROTECTIVE OVERLAY REC		
		TYPE RECOMMENDED: M	C Overla	y / Hydro
		COMMENTS:		
		Bridge Inspec the deck over deteriorated.	lay is r	ports indicate nore than 10%
		We recommend	1 0" rot	tomill 0 5"
		scarification placing 1.5" overlay.	by hydr	romilling and
BRIDGE D	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
	4.2% of deck 7 / 94			
CHLORIDE RESULTS: 100 % are > 2 lbs./	CY 10/81			
REBAR RESULTS:	10/01	REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007
				_,, , _ , _ ,





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 152S	WEST SIDE CANAL		South	Central 100.55
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1966	07904 , 12459			87.10 SD
BRIDGE TYPE: CS	1	EXISTING WEARING SURFA	CE AND DECK P	ROTECTION TYPE:
DECK TYPE: Conc ca	ast-in-place	Low	Slump	Mod Conc
DECK THICKNESS: 12.0 in.		Year Applied - 1983		
(Main Span)		Overlay	Thicknes	s - 2.0 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
36.5 ft.	38 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			
8,378	2	-		
VERIICA VC Type:				
NA		TTTTTTT		
	DGE RAIL	- Town		
BRIDGE RAIL TYPE: WSDOT CODE - 73.2 Conc Base - Type R				
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:			
YES	0.5 Lt 0.5 Rt		Sin Long	
402 EXPAN	ISION JOINTS	DECK PROTECT	IVE SYSTE	EM RECOMMENDATIONS
		PROTECTIVE OVERLAY REC	_	
		TYPE RECOMMENDED: M	C Overla	y / Hydro
		COMMENTS:		
		Bridge Inspect the deck over deteriorated.		ports indicate more than 10%
		We recommend scarification placing 1.5" overlay.	by hyd	romilling and
BRIDGE D	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
	4.5% of deck 7 / 94			
CHLORIDE RESULTS:				
50 % are > 2 lbs./	CY 10/81			
REBAR RESULTS:		REVIEWED BY:		DATE:
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
90 / 156N	DRY CR			South	Central	104.71
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			I	SUFFICIENCY F	RATING:
1967	08036 , 1	3131 , 19	5126		80.92	2
BRIDGE TYPE: CBOX			EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:	
DECK TYPE: Conc ca	ast-in-place	:		LMC Ove	erlay	
DECK THICKNESS: (Main Span) 6.5 in			Year	r Applied - 1986		
			Overlay	Thicknes	s - 1.5	inches
BRIDGE WIDTH (curb-curb): 30.0 ft.	BRIDGE LENGTH: 390 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:					
9 , 228	2					
	AL CLEARANCE				Marian & All	Real And And
VC Type:			State Land State Proven	di		
NA	Δ					
BRI	DGE RAIL				The second	
BRIDGE RAIL TYPE: WSDOT CODE - 73.2		8/26/99		1		
CONC BAS	e - Type R		SPMP 104.78			Contraction of the local division of the loc
YES	sidewalk/cu 1.4 Lt	1.4 Rt	SR: 090 MAINLINE, N	4P: 104.78, 08	/26/1999, 17:57	:42
405 EXPAN	ISION JOINTS		DECK PROTECT PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M COMMENTS: Bridge Inspect the deck over deteriorated. We recommend scarification placing 1.5" overlay.	C Overla C Overla tion rep lay is n 1.0" ro by hyd:	YES 09-11F y / Hydro ports ind more than tomill, (romilling	P2 Priority #: 19 dicate n 10% 0.5" g and
BRIDGE D	ECK SURVEY					
DELAMINATION RESULTS: 1,743 sq ft 14 CHLORIDE RESULTS: 88 % are > 2 lbs./	4.9% of deck	DATE 6 / 98 5 / 85				
REBAR RESULTS:	~-		REVIEWED BY:		DAT	
NA			Bruce Thill			/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
90 / 156S	DRY CR		South	Central 104.71
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):		1	SUFFICIENCY RATING:
1967	08036 , 13131 , 1	5126		75.83 SD
BRIDGE TYPE: CBOX	1	EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:
deck type: Conc ca	st-in-place		LMC Ove	erlay
DECK THICKNESS: 6.5 in.		Year Applied - 1986		
		Overlay	Thicknes	s – 1.5 inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
30.0 ft.	390 ft.			A CONTRACT OF
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:		48	
9,228	2 AL CLEARANCE			
VC Type:			AND DECEMBER OF THE OWNER	
NA				and All
	DGE RAIL			1-
	ODE - 73.2	and and the		
Conc Base - Type R			/	
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:		1	
YES	1.5 Lt 1.5 Rt			
405 EXPAN	SION JOINTS	DECK PROTECT	IVE SYSTE	M RECOMMENDATIONS
Coordinate with your Region's determine if any repairs are reasonable to the second se		PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M		
determine if any repairs are re-	quirea.	COMMENTS:		
		the deck over		ports indicate more than 10%
		deteriorated.		
		We recommend scarification placing 1.5" overlay.	by hydr	romilling and
BRIDGE D	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
2,504 sq ft 21	1.4% of deck 6 / 98			
CHLORIDE RESULTS:				
56 % are > 2 lbs./	CY 5/85			
REBAR RESULTS:		REVIEWED BY:		
NA		Bruce Thill		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:			REGION:		MILEPOST:
90 / 162N	WILSON CR			South	Central	109.13
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):				SUFFICIENCY R	ATING:
1967	08200 , 12	2068 , 14	4249		92.01	
BRIDGE TYPE: CS			EXISTING WEARING SURFA	CE AND DECK PF	ROTECTION TYPE:	
	ast-in-place		Low	Slump	Mod Conc	
DECK THICKNESS: 19 0 in	_		Year	Applied	- 1981	
(Main Span)			Overlay	Thicknes	s - 2.0	inches
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:					
50.0 ft.	118 ft.					
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:					
9,711	3				a de	11 May
VC Type:	AL CLEARANCE			and the second	e s	all been an
NA NA			Tel	10-	and a state of the	A CONTRACTOR
	DGE RAIL			1	Tung	
	ODE - 73.2		a stand			T
	e - Type R		8/26/99 SR# 90-DBC		1	and the second second
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CUI	RB WIDTH:				
YES	0.0 Lt	0.0 Rt	SR: 090 MAINLINE, N	иР: 109.15,08	72671999, 17:51:	36
9 EXPAN	ISION JOINTS		DECK PROTECT	IVE SYSTE		IENDATIONS
			PROTECTIVE OVERLAY REC			2 Priority #: 26
			TYPE RECOMMENDED: M	C Overla	y / Plane	
			COMMENTS:			
			Bridge Inspec the deck over deteriorated.			
			Cracks in the filled with a 1993 under co	MMA cra	ack seale	
BRIDGE D	ECK SURVEY		We recommend scarification -placing 1.5" overlay.	by hyd:	romilling	and
DELAMINATION RESULTS: 301 sq ft . CHLORIDE RESULTS:	5.1% of deck	DATE 7 / 94				
50 % are > 2 lbs./	СҮ	8 / 80				
REBAR RESULTS:			REVIEWED BY:		DATE	:
NA			Bruce Thill		12,	/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
128 / 10	SNAKE R - RED WOLI	F BR	South	Central 0.22
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1979	10850			89.87 SD
BRIDGE TYPE: WSBOX		EXISTING WEARING SURFA	CE AND DECK PI	ROTECTION TYPE:
реск туре: Conc ca	ast-in-place	ori	ginal o	concrete
DECK THICKNESS: 7.7 in. (Main Span)				
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
32.0 ft.	1,450 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:			
3,825	2			States Bar
	AL CLEARANCE	- Piel		The solution
VC Type:		Summer and the	1.0	- Incount -
NA			Jacob Contraction	
BRI	DGE RAIL	111.00	- //	and the second
	ODE - 61			
	rrier w/Type BP			
RAIL MEETS CURRENT STANDARDS?: YES	sidewalk/curb width: 0.0 Lt 4.0 Rt			6. 25 2004
416 EXPAN				
410 EXPAN	ISION JOINTS		_	YES 09-11 P2 Priority #:
No Modifications Required at	this time.	TYPE RECOMMENDED: M		
		COMMENTS:		
		Bridge Inspect the deck is m deteriorated.	ore that	ports indicate n 5%
		We recommend	nlaging	1.5" modified
			lay wit	h 0.5" hydromill
BRIDGE D	ECK SURVEY			
DELAMINATION RESULTS:	DATE			
2,373 sq ft	5.1% of deck 6 / 05			
CHLORIDE RESULTS:				
NA rebar results:				
NA		REVIEWED BY: Bruce Thill		DATE:
INE		DILLE TIILL		12/12/2007





BRIDGE NUMBER:	BRIDGE NAME:		REGION:	MILEPOST:
261 / 120	TUCANNON R		South	Central 10.27
YEAR BUILT / YR WIDENED:	CONTRACT NO.(S):			SUFFICIENCY RATING:
1967				88.13 SD
BRIDGE TYPE: PCG		EXISTING WEARING SURFA	ACE AND DECK P	ROTECTION TYPE:
deck type: Conc ca	st-in-place	ori	ginal o	concrete
DECK THICKNESS: 5.8 in. (Main Span)				
BRIDGE WIDTH (curb-curb):	BRIDGE LENGTH:			
25.8 ft.	211 ft.			
AVERAGE DAILY TRAFFIC (ADT):	NUMBER OF LANES:	and the second second		
603	2	And		
VERTICA VC Type:		a last	Hele-	and the second
NA		8		À.
	DGE RAIL			
	ODE - 73.2			
	e - Type R	an ann an Anna an Anna Anna an Anna an		
RAIL MEETS CURRENT STANDARDS?:	SIDEWALK / CURB WIDTH:	-		
YES	1.5 Lt 1.5 R	-	<i>4</i>	
404 EXPAN	SION JOINTS	DECK PROTECT	IVE SYSTE	EM RECOMMENDATIONS
Modifications are required to a please coordinate with the Brid		PROTECTIVE OVERLAY REC TYPE RECOMMENDED: M		
Frence coordinate what are 21		COMMENTS:		
				ports indicate
		the deck is m deteriorated		
		through out. delams are ov	-	the small girder stirrups.
		A new 1.5" mc	dified	concrete overlay
		is required u	using a	0.5" hydomill
		scarification	1.	
	ECK SURVEY			
DELAMINATION RESULTS: 33 sq ft (DATE).6% of deck 4 / 92			
CHLORIDE RESULTS:).6% of deck 4 / 92			
0 % are > 2 lbs./	CY 10/86			
REBAR RESULTS:		REVIEWED BY:		DATE:
63 % are < or = 1	inch 10 / 86	Bruce Thill		12/12/2007