



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

						Key Number:		Jurisdiction:			
Section: Chenoweth Creek, River Trail Way						Region: 4		Area:		District: 9	
State Highway No.:		Highway Name:				Mile Point		Length: (mi)		(km)	
<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural		City: The Dalles		MPO: <input type="checkbox"/> WUB <input checked="" type="checkbox"/> UGB		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		County: Wasco		Road/Street Name: River Trail Way	
Route No.:		NHS <input type="checkbox"/> YES <input type="checkbox"/> NO		HPMS:		FC:		Applicant (If other than State): Wasco County Public Works			
US Congressional District:				State Senate District:				State Representative District:			
Cost Estimates (x \$ 1,000)			Project Components				Right Of Way				
Preliminary Engineering		\$33		Grading		x		Files		(#) 2	
Right Of Way		\$10		Paving		x		Hectares		(#) .4	
Utility Reimbursement				Structures		x		Relocations		(#) n	
				Signing				Acquisitions		(#) 2	
Roadway		\$70		Signals				Easements		(#) n	
Structures		\$137		Illumination				Work By: State / Consultant / Applicant:			
Signals		\$0						Preliminary Engineering (S,C,A)		Consul	
Illumination		\$0						Construction Engineering (S,C,A)		Consul	
Temp. Protection		\$15						Right of Way Descriptions (S,C,A)		App	
Const. Contingencies		\$31						Right Of Way Acquisitions (S,C,A)		App	
Const. Engineering		\$52		Project Categories				Constructed By			
Remove Exist Bridge		\$0		Environmental Class		(1, 2, 3, PCE)		<input checked="" type="checkbox"/> Contract		<input type="checkbox"/> County Force	
Other		\$21		Design Category		(1-7)		<input type="checkbox"/> State Force		<input type="checkbox"/> Other	
Total CE and Construction:		\$326		Work Type Code		(1-13)		<input type="checkbox"/> City Force			
Total Estimate:		\$ 369		Primary STIP Work Type:							
Recommended Let Date By Federal Fiscal Year (Quarter-Year):											
PE Fund:			RW Fund:			UR Fund:			CE-CN Fund:		
PE EA:			RW EA:			UR EA:			CE-CNEA:		
Item		Existing	Proposed	Define The Problem:							
Travel Lanes (#)		1	2	Narrow (14 feet curb to curb), one lane structure that is rated as functionally obsolete. This bridge serves several businesses and a recreational site. Also, 50% of the ADT is truck traffic, so traffic congestion and safety are major concerns.							
Structures (#)		1	1								
Signals (#)											
Bike Way (#)		n	n								
Average Daily Traffic		475	830								
Year of ADT		2002	2022								
Throughway Y/N		n	n	Describe Proposed Solution: - Attach Sketch Map							
				Widen existing structure to add an additional lane of traffic.							
Prepared By:				Date:		OTC Approval Date:		Program Year:		Funding Amount:	
X											



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: Chenowith Creek, River Trail Way

Region:
4

Area:
0

District:
9

Project Justification

This narrow, one lane bridge, built in 1960 is now rated as functionally obsolete. This bridge is located on River Trail Way, and is the only access across Chenowith Creek. It serves several businesses including a hot mix plant, a lumber mill and BPA. The bridge also serves as an access to Taylor Lake, which is now a part of The Dalles Riverfront Trail. This structure is a true bottleneck and due to the high level of truck traffic and the increased use by locals and tourists, traffic congestion and safety are major concerns.

Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- | | | | | |
|--|---------------------------|----------|--------------|---------|
| 1. Public Hearing /
Citizen Involvement | Wasco County Public Works | (Office) | 541-296-2214 | (Phone) |
| 2. Environmental / Planning | Wasco County Public Works | (Office) | 541-296-2214 | (Phone) |
| 3. Pre-Engineering | Wasco County Public Works | (Office) | 541-296-2214 | (Phone) |

This Official Request is From:

City of:

and/or Wasco

County

By:

By:

Dan Boldt

By:

By:

By:

Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation

Bridge Prospectus Cost Estimate

Applicant:		NBIS	
Project /		Bridge No.	
Section		Region:	
Way		Area:	
District:		9	
Wasco County Public Works		65C78	
Chenoweth Creek, River Trail		4	
0		0	
9		9	
New Bridge / Roadway Configuration:		Existing Bridge:	
Left Side Rail	1 feet	Bridge Length	76 feet
Left Sidewalk	feet	Bridge Width	16 feet
Shoulder	feet	Area	1216 square ft.
Lane 2	feet		
Lane 1	13 feet	New AC Top Width	26 feet
--CL--	feet	New AC Depth	2 inches
Lane 1	13 feet	New Base Depth	4 inches
Lane 2	feet	Project Length	380 feet
Shoulder	feet	Net Road Work Length	300 feet
Right Sidewalk	feet	X-S Side Slope	
Right Side Rail	1 feet	AC Avg Width	26 feet
		Base Avg Width	32 feet
Bridge Length	76 feet	Asphalt Density	140.63 pounds/ cu ft
Bridge Width	28 feet	Base Density	125 pounds/ cu ft
New Area	2128 square ft.	New AC Received	120 tons
		New Base Required	520 tons
COST ESTIMATE:			
	Quantity	Unit	Price
Right-of-Way	1.00	Acre	\$ 10,000
			Cost (\$x1000s)
			\$10
==Roadway==			
Clear & Grub	\$ 3,000	lump sum	\$3
Erosion Control	\$ 5,000	lump sum	\$5
General Excavation	500	cubic yards	\$ 32.00
Embankment in Place	250	cubic yards	\$ 20.00
Pavement Removal		square feet	\$0
Aggregate Base	520	tons	\$ 16.00
Asphalt Concrete	120	tons	\$ 55.00
Curb		feet	\$0
Sidewalk		feet	\$0
Riprap	100	cubic yards	\$ 40.00
Guardrail, Type 2A	200	feet	\$ 25.00
Guardrail, Type 3	50	feet	\$ 75.00
Guardrail Trans	4	each	\$ 1,500.00
			\$ 100.00
			\$ 425.00
Other		lump sum	\$0
Other		lump sum	\$0
Flared Terminals	4	each	\$ 1,900.00
			\$8
Subtotal Roadway			\$70
Structures	912	square feet	\$ 150.00
Bridge Rail		feet	\$0
Remove Existing Bridge		square feet	\$0
Other		specify unit	\$0
Other		specify unit	\$0
Other		lump sum	\$0
Other		lump sum	\$0
Subtotal Structures			\$137

Bridge Prospectus Cost Estimate

Applicant: Project / Section		Wasco County Public Works Chenoweth Creek, River Trail Way		NBIS Bridge No. 65C78	Region: 4	Area: 0	District: 9
Mobilization	10	percent of (Roadway + Structure)					\$21
Signals		lump sum					\$0
Illumination		lump sum					\$0
Temporary Protection	\$ 15,000	lump sum					\$15
Detour Route		feet					\$0
Other		specify unit					\$0
Other		specify unit					\$0
Other		lump sum					\$0
Other		lump sum					\$0
Mobilization & Traffic							\$36
Subtotal Construction							\$243
==Engineering==							
Construction Engineering	25	percent of (Roadway + Structure)					\$52
Contingency	15	percent of (Roadway + Structure)					\$31
Subtotal Const. Eng.							\$83
Preliminary Engineering							
Consultant	12	percent of (Roadway + Structure)					\$25
State	3	percent of (Roadway + Structure)					\$6
County	1	percent of (Roadway + Structure)					\$2
Subtotal PE							\$33
Total Estimate							\$369

Bridge Project Prospectus Additional Bridge Information

Applicant: Wasco County Public Works		NBIS Bridge Number: 65C78					
Project Name / Section: Chenowith Creek, River Trail Way		Region: 4	Area: 0				
		District: 9					
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR Acceptable Source: <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR	Heavy Vehicle Usage <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Existing</td> <td style="text-align: center;">Proposed</td> </tr> <tr> <td style="border: 1px solid black;">Truck AADT: 50%</td> <td style="border: 1px solid black;">50%</td> </tr> </table> Fire Truck Usage: <input type="checkbox"/> YES, at least 25% of trips use bridge. <input checked="" type="checkbox"/> No. Less than 25% of trips	Existing	Proposed	Truck AADT: 50%	50%	Detour Detour Route: Length: Dead End Rd Map: (Please attach map)	
Existing	Proposed						
Truck AADT: 50%	50%						

Regional Freight Corridor Analysis:

See Attached

Special Consideration:

The Chenowith Creek, River Trail Way bridge is a single lane concrete and steel composite structure. This bridge is not load limited but is subject to considerable truck traffic (50% of the ADT). The road has been designed to readily accept a second lane structure. The Port of The Dalles is actively pursuing the development of 75 acres of industrial land served solely by this bridge. The Taylor Lake recreational area and The Dalles Riverfront Trail are also served by the bridge.

October 7, 2003

Mr. Dan Boldt, Director
Wasco County Public Works
2705 East 2nd Street
The Dalles, OR 97058

RE: River Trail Way/Chenoweth Creek Bridge

Dear Dan:

The Port Commission is very supportive of efforts to expand/replace the bridge over Chenoweth Creek here in The Dalles. This area is one of the sites that the Governor's Office is focusing on for his *Governor's Project Ready Initiative* to develop an inventory of larger "shovel ready" industrial sites.

This area has the potential to be an industrial site of more than 100 acres with short term potential for an almost 50-acre site on the former *Longview Fibre* chip facility. Transportation issues to this site are currently a challenge with the limited one lane bridge. The expansion or replacement of this structure is essential to the future development of any of the land base on the north side of the creek.

Thank you for your work toward dealing with this issue. We look forward to working with the County to see this improvement become a reality in the years to come. If we can be of any further help, please don't hesitate to ask.

Regards,

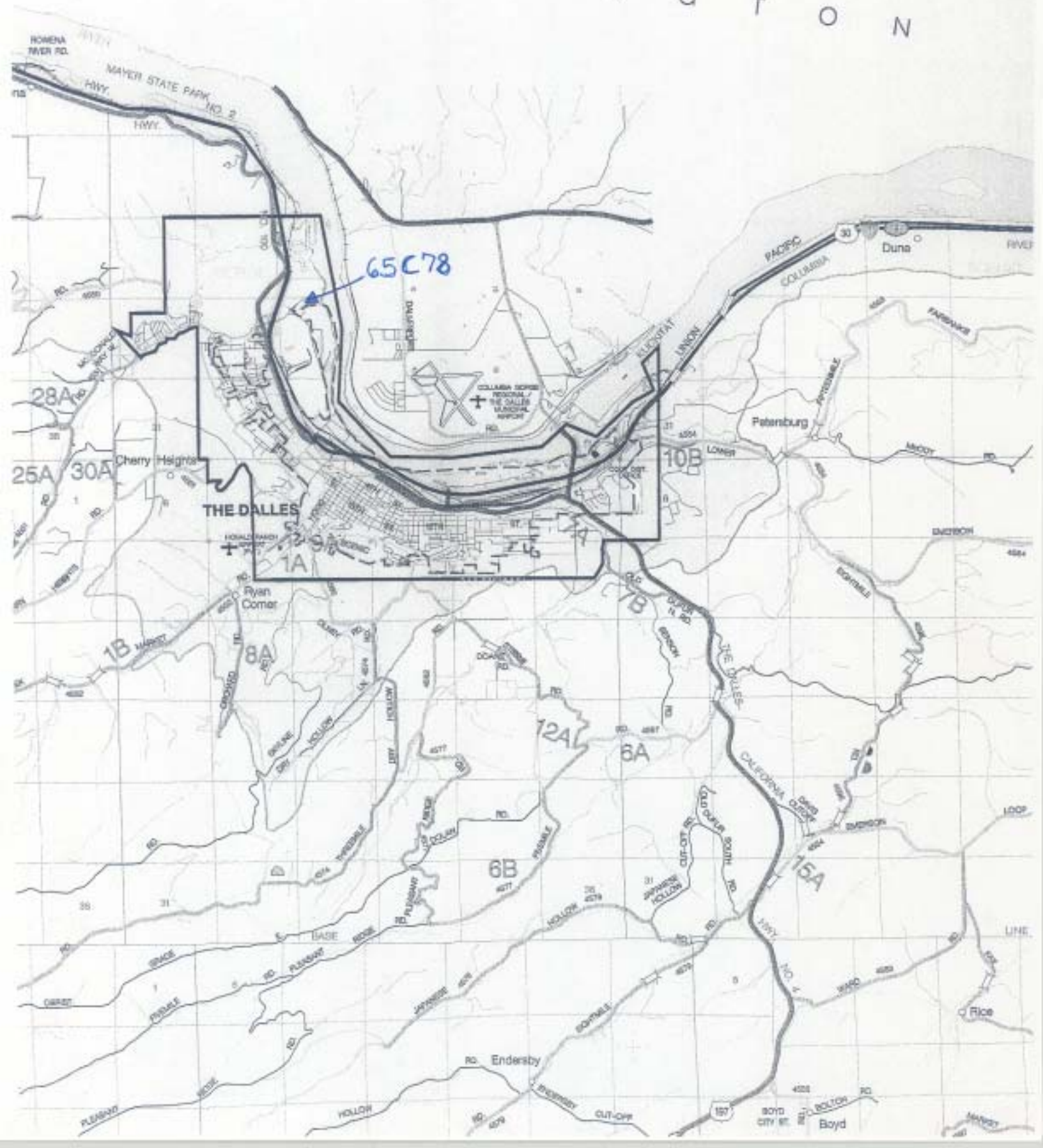


Scott C. Hege
Port of The Dalles

Port of The Dalles
3636 Klindt Drive
The Dalles, OR 97058
USA

Phone 541.298.4148
Fax 541.298.2136
800.901.PORT
porttd@gorge.net

WASHINGTON



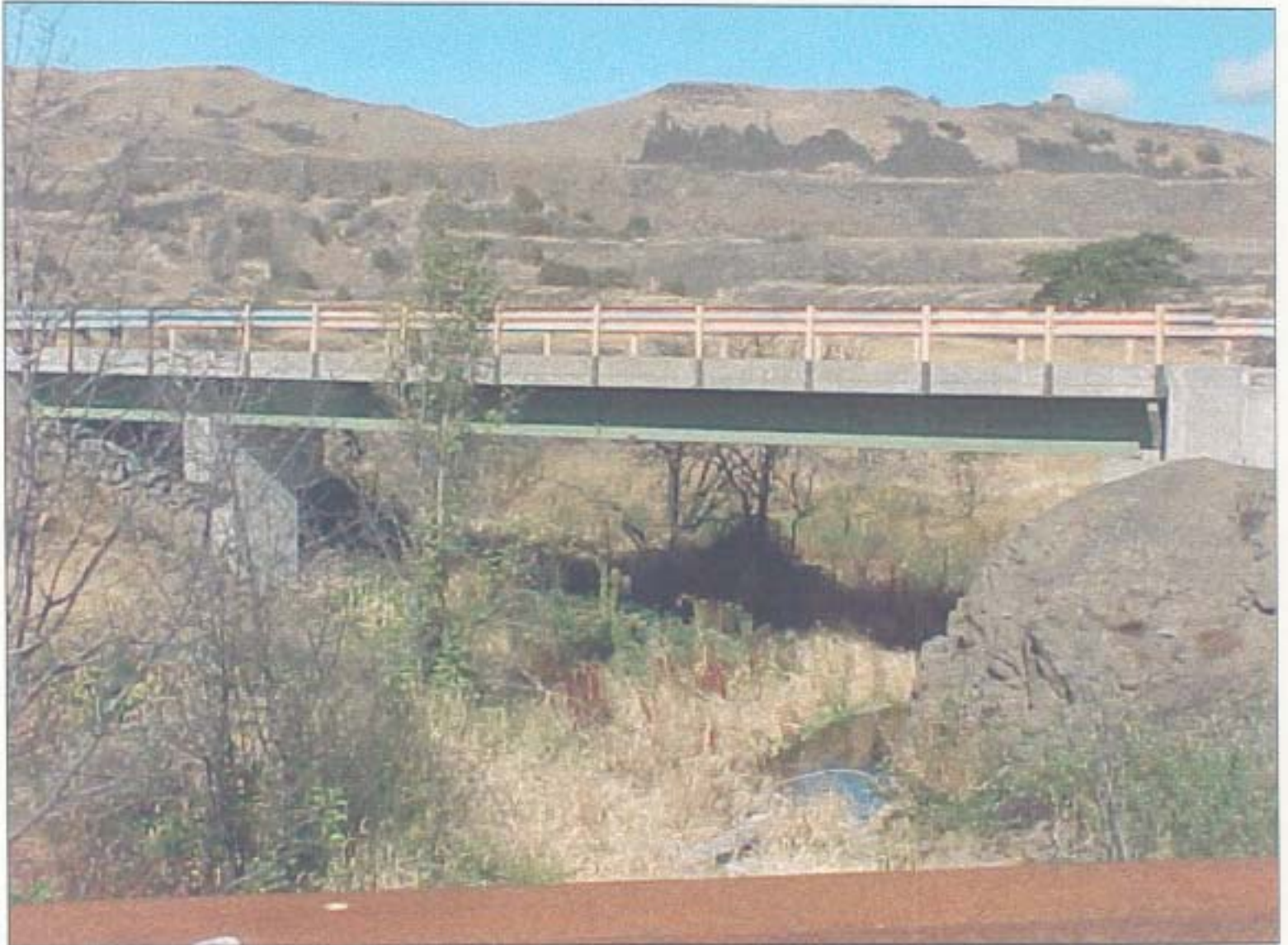
**Chenowith Creek, River Trail Way - #65C78
CL Looking East**



**Chenoweth Creek, River Trail Way - #65C78
CL Looking West**



Chenowith Creek, River Trail Way - #65C78
Looking Upstream



**Chenowith Creek, River Trail Way - #65C78
Looking Downstream**



**Chenoweth Creek, River Trail Way - #65C78
Underside**



WASCO COUNTY CANDIDATE BRIDGES**EXTENDED LIFE ESTIMATE**

<u>Bridge #</u>	<u>Bridge Name</u>	<u>Extended Life</u>
08327	Gate Creek, Smock Road	20 years
03080	Fifteenmile Creek, Viewpoint Road (Seufert Viaduct)	20 years
65C19	Eightmile Creek, Davis Cut-Off	50 years
65C34	Eightmile Creek, Old Dufur South	50 years
65C78	Chenowith Creek, River Trail Way	50 years