



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number: _____ Jurisdiction: _____

Section: **PINE CREEK (N. WATER STREET) BRIDGE # 04898A** Region: **5** Area: **NEACT AREA** District: **12**

AS Highway Name: _____ Mile Point From: **3.06** To: **3.11** Length: (mi) **.05** (km) _____

Urban City: _____ MPD: _____ Yes No County: **UMATILLA** Rural UGB No ROAD/STREET NAME: **NORTH WATER STREET**

Route No.: _____ NHS: YES NO HPMS: _____ FC: **17** Applicant (if other than State): **CITY OF WESTON**

US Congressional District: **2** State Senate District: **29** State Representative District: **57**

Cost Estimates (x \$ 1,000) Project Components Right Of Way

Preliminary Engineering \$64 Grading X Files (X) 2

Right Of Way \$15 Paving X Acres (X) 1

Utility Reimbursement Structures X Relocations (X)

Signing Acquisitions (X)

Roadway \$51 Signals Easements (X)

Structures \$153 Illumination Work By: State / Consultant / Applicant

Signals \$0 Preliminary Engineering (S,C,A) C

Illumination \$0 Construction Engineering (S,C,A) C

Temp. Protection \$10 Right of Way Descriptions (S,C,A) C

Const. Contingencies \$42 Right Of Way Acquisitions (S,C,A) C

Const. Engineering \$38 Project Categories Constructed By

Remove Exist Bridge \$9 Environmental Class (1, 2, 3, PCE) 2 Contract County Force

Other \$17 Design Category (1-7) 7 State Force Other

Total CE and Construction: \$320 Work Type Code (1-13) 5 City Force **CONSULTANT**

Total Estimate: \$ 399 Primary STIP Work Type: _____

Recommended Let Date By Federal Fiscal Year (Quarter-Year): _____ PE Fund: _____ R/W Fund: _____ UR Fund: _____ CE-CN Fund: _____ PE EA: _____ R/W EA: _____ UR EA: _____ CE-CN EA: _____

Item Existing Proposed Define The Problem:

Travel Lanes (#) 2 2 The existing structure is functionally obsolete with a sufficiency rating of 56.8. Bridge is posted at 20 ton.

Structures (#) 1 1

Signals (#) 0 0

Bike Way (#) N N

Average Daily Traffic 1137 1757

Year of ADT 2001 2021

Throughway Y/N

Describe Proposed Solution: - Attach Sketch Map

Replace with a 40 foot single span X 32 foot wide prestressed slab structure and install guardrail to meet standards. Widen approaches in order to accommodate a 32 foot wide structure.

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: PINE CREEK (N. WATER STREET) BRIDGE # 04698A

Region:
5

Area:
NEACT AREA

District:
12

Project Justification

This steel and concrete structure originally was constructed in 1960 and serves as an important route for city traffic, recreational, and agricultural traffic going to Smith Foods. Bridge inspection reports indicate that there is spalling and scaling on the bents with areas of bearing loss and that scour has exposed the bent footing full length. Bridge is posted for 20 tons. These factors make it undesirable and unsafe for two-way traffic. Due to these conditions, City of Weston as requested that Pine Creek (N. Water Street) Bridge #04698A be submitted for replacement under the OTIA III Program.

This project is consistent with the Department of Transportation's and City of Weston's goal of replacing or rehabilitating functionally obsolete structures.

Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- | | | |
|--|----------------|---------------|
| 1. Public Hearing /
Citizen Involvement | _____ (Office) | _____ (Phone) |
| 2. Environmental / Planning | _____ (Office) | _____ (Phone) |
| 3. Pre-Engineering | _____ (Office) | _____ (Phone) |

This Official Request is From:

City of: WESTON and/or _____ County

By: _____ By: LOREN HOEPFNER, PUBLIC WORKS DIRECTOR

By: _____ By: _____

By: _____ By: _____

Applicable Intergovernmental Agreements:

IGA Number:	Jurisdiction Name:	Agreement Date:
_____	_____	_____
_____	_____	_____
_____	_____	_____

Administrative Recommendation

Bridge Prospectus Cost Estimate

Applicant: Project / Section	CITY OF WESTON PINE CREEK (N. WATER STREET) BRIDGE # 04698A	NBIS Bridge No. Region: 5	Area: NEACT AREA	District: 12
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New Bridge / Roadway Configuration:		Existing Bridge:	
Left Side Rail	40 feet	Bridge Length	30 feet
Left Sidewalk	feet	Bridge Width	20 feet
Shoulder	4 feet	Area	600 square ft.
Lane 2	feet	New AC Top Width	32 feet
Lane 1	12 feet	New AC Depth	4 inches
---CL---	feet	New Base Depth	12 inches
Lane 1	12 feet	Project Length	340 feet
Lane 2	feet	Net Road Work Length	300 feet
Shoulder	4 feet	X-S Side Slope	1:3
Right Sidewalk	feet	AC Avg Width	32 feet
Right Side Rail	40 feet	Base Avg Width	32 feet
Bridge Length	40 feet	Asphalt Density	140.63 pounds/ cu ft
Bridge Width	32 feet	Base Density	147.5 pounds/ cu ft
New Area	1280 square ft.	New AC Received	240 tons
		New Base Required	704 tons

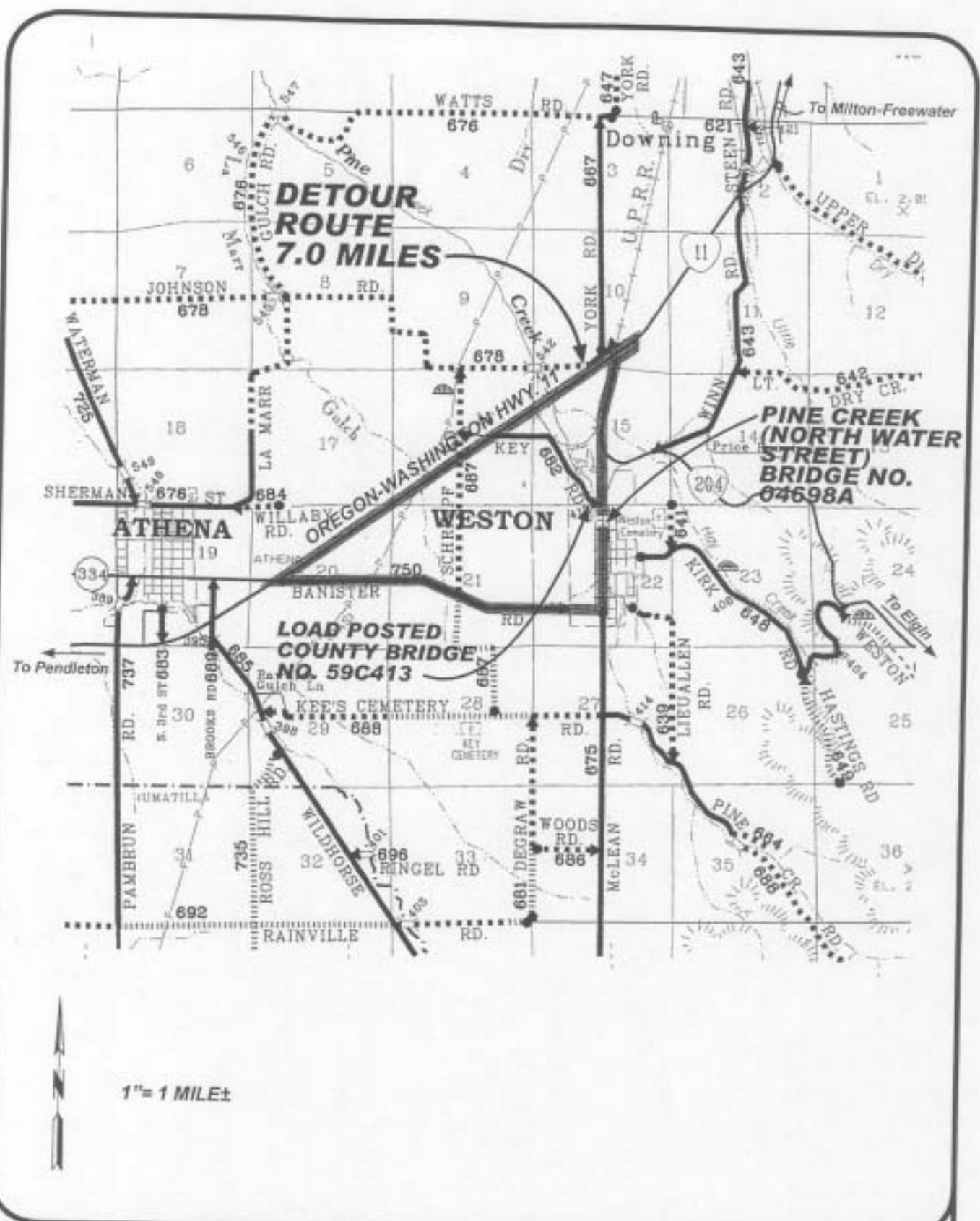
COST ESTIMATE:	Quantity	Unit	Price per unit	Cost (\$x1000s)
Right-of-Way	1.00	Acre	\$ 15,000	\$15
==Roadway==				
Clear & Grub	\$ 4,000	lump sum		\$4
Erosion Control	\$ 1,000	lump sum		\$1
General Excavation	100	cubic yards	\$ 10.00	\$1
Embankment in Place	200	cubic yards	\$ 20.00	\$4
Pavement Removal		square feet	\$ 9.00	\$0
Aggregate Base	704	tons	\$ 11.00	\$8
Asphalt Concrete	240	tons	\$ 36.00	\$9
Curb		feet		\$0
Sidewalk		feet		\$0
Riprap	100	cubic yards	\$ 52.00	\$5
Guardrail, Type 2A	150	feet	\$ 20.00	\$3
Guardrail, Type 3	50	feet	\$ 40.00	\$2
Guardrail Trans	4	each	\$ 1,700.00	\$7
Other		specify unit		\$0
Other		specify unit		\$0
Other		lump sum		\$0
Other		lump sum		\$0
Flared Terminals	4	each	\$ 1,800.00	\$7
Subtotal Roadway				\$51
Structures	1,280	square feet	\$ 90.00	\$115
Bridge Rail	80	feet	\$ 95.00	\$8
Remove Existing Bridge	600	square feet	\$ 15.00	\$9
Other		specify unit		\$0
Other		specify unit		\$0
Detour	\$ 20,000	lump sum		\$20
Const. Survey Work	\$ 10,000	lump sum		\$10
Subtotal Structures				\$162

Bridge Prospectus Cost Estimate

		NBIS Bridge No.	
Applicant: Project / Section	CITY OF WESTON PINE CREEK (N. WATER STREET) BRIDGE # 04698A	[REDACTED]	Region: 5 Area: NEACT AREA District: 12
Mobilization	8	percent of (Roadway + Structure)	\$17
Signals		lump sum	\$0
Illumination		lump sum	\$0
Temporary Protection	\$ 10,000	lump sum	\$10
Detour Route		feet	\$0
Other		specify unit	\$0
Other		specify unit	\$0
Other		lump sum	\$0
Other		lump sum	\$0
Mobilization & Traffic			\$27
Subtotal Construction			\$239
==Engineering==			
Construction Engineering	18	percent of (Roadway + Structure)	\$38
Contingency	20	percent of (Roadway + Structure)	\$42
Subtotal Const. Eng.			\$81
Preliminary Engineering			
Consultant	28	percent of (Roadway + Structure)	\$59
State		percent of (Roadway + Structure)	\$0
County	2	percent of (Roadway + Structure)	\$4
Subtotal PE			\$64
Total Estimate			\$399

Bridge Project Prospectus Additional Bridge Information

Applicant: CITY OF WESTON		NBIS Bridge Number: 0						
Project Name / Section: PINE CREEK (N. WATER STREET) BRIDGE # 04698A		Region: 5	Area: NEACT AREA	District: 12				
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR Acceptable Source: <input 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; border-bottom: 1px solid black;">Existing</td> <td style="text-align: center; border-bottom: 1px solid black;">Proposed</td> </tr> <tr> <td style="padding: 2px;">Truck AADT: <input style="width: 50px;" type="text" value="57"/></td> <td style="padding: 2px;"><input style="width: 50px;" type="text" value="88"/></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: <input style="width: 50px;" type="text" value="57"/>	<input style="width: 50px;" type="text" value="88"/>	Detour Detour Route: Length: <input style="width: 50px;" type="text" value="7"/> Map: (Please attach map)		
Existing	Proposed							
Truck AADT: <input style="width: 50px;" type="text" value="57"/>	<input style="width: 50px;" type="text" value="88"/>							
Regional Freight Corridor Analysis:								
Special Consideration:								



CITY OF
WESTON, OREGON
 PINE CREEK (NORTH WATER STREET) BRIDGE NO. 04698A
DETOUR ROUTE MAP

FIGURE
1

CITY OF WESTON

UMATILLA COUNTY BRIDGE 4698A



NORTH END



EAST ELEVATION