



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number:

Jurisdiction:

Section: PINE CREEK (FRANKLIN ST) BRIDGE # 18103

Region: 5

Area: NEACT AREA

District: 12

AA	Highway Name:	Mile Point	Length: (mi)	(km)
		From: 0.00 To: 0.05		.05

<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	City:	MPO:	Widening UGB	<input type="checkbox"/> Yes <input type="checkbox"/> No	County: UMATILLA	ROAD/STREET NAME NORTH WATER STREET
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Route No.:	NHS <input type="checkbox"/> YES <input type="checkbox"/> NO	HPMS:	FC: 17	Applicant (if other than State): CITY OF WESTON
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US Congressional District: 2	State Senate District: 29	State Representative District: 57
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Cost Estimates (x \$ 1,000)		Project Components		Right Of Way	
Preliminary Engineering	\$59	Grading	X	Files	(#) 2
Right Of Way	\$15	Paving	X	Acres	(#) 1
Utility Reimbursement		Structures	X	Relocations	(#)
		Signing		Acquisitions	(#)
Roadway	\$51	Signals		Easements	(#)
Structures	\$137	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	\$39			Right Of Way Acquisitions (S,C,A)	C
Const. Engineering	\$35				

Project Categories		Constructed By	
Remove Exist Bridge	\$9	Environmental Class (1, 2, 3, PGE)	2
Other	\$16	Design Category (1-7)	7
Total CE and Construction:	\$298	Work Type Code (1-13)	5
Total Estimate:	\$ 372	Primary STIP Work Type:	

Recommended Let Date By Federal Fiscal Year (Quarter-Year): 08-Apr

PE Fund: HBRR	R/W Fund: HBRR	UR Fund: HBRR	CE-CN Fund: HBRR
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 46.3.
Structures (#)	1	1	
Signals (#)	0	0	
Bike Way (#)	N	N	
Average Daily Traffic	46	57	
Year of ADT	2001	2021	
Throughway Y/N			

Describe Proposed Solution: - Attach Sketch Map

Replace with a 35 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: X	Date:	OTC Approval Date:	Program Year:	Funding Amount:
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12

Project Justification

This steel and concrete structure originally was constructed in 1955 and serves as an important route for city traffic. Bridge inspection reports indicate that a 3/8 inch crack full height of breastwall and channel scour. These factors combined with the narrow width make it undesirable and unsafe for two-way traffic. Due to these conditions, City of Weston as requested that Pine Creek (Franklin Street) Bridge #18103 be submitted for replacement under the HBRR 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:	CITY OF WESTON	NBIS	Bridge No.	
Project / Section	PINE CREEK (FRANKLIN ST) BRIDGE # 18103	Region:	5	Area: NEACT AREA
				District: 12

New Bridge / Roadway Configuration:		Existing Bridge:	
Left Side Rail	35 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	335 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	35 feet	Base Avg Width	32 feet
Bridge Length	35 feet	Asphalt Density	140.63 pounds/ cu ft
Bridge Width	32 feet	Base Density	147.5 pounds/ cu ft
New Area	1120 square ft.	New AC Required	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	1,120	square feet	\$ 90.00	\$101
Bridge Rail	70	feet	\$ 95.00	\$7
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				\$146

Bridge Prospectus Cost Estimate

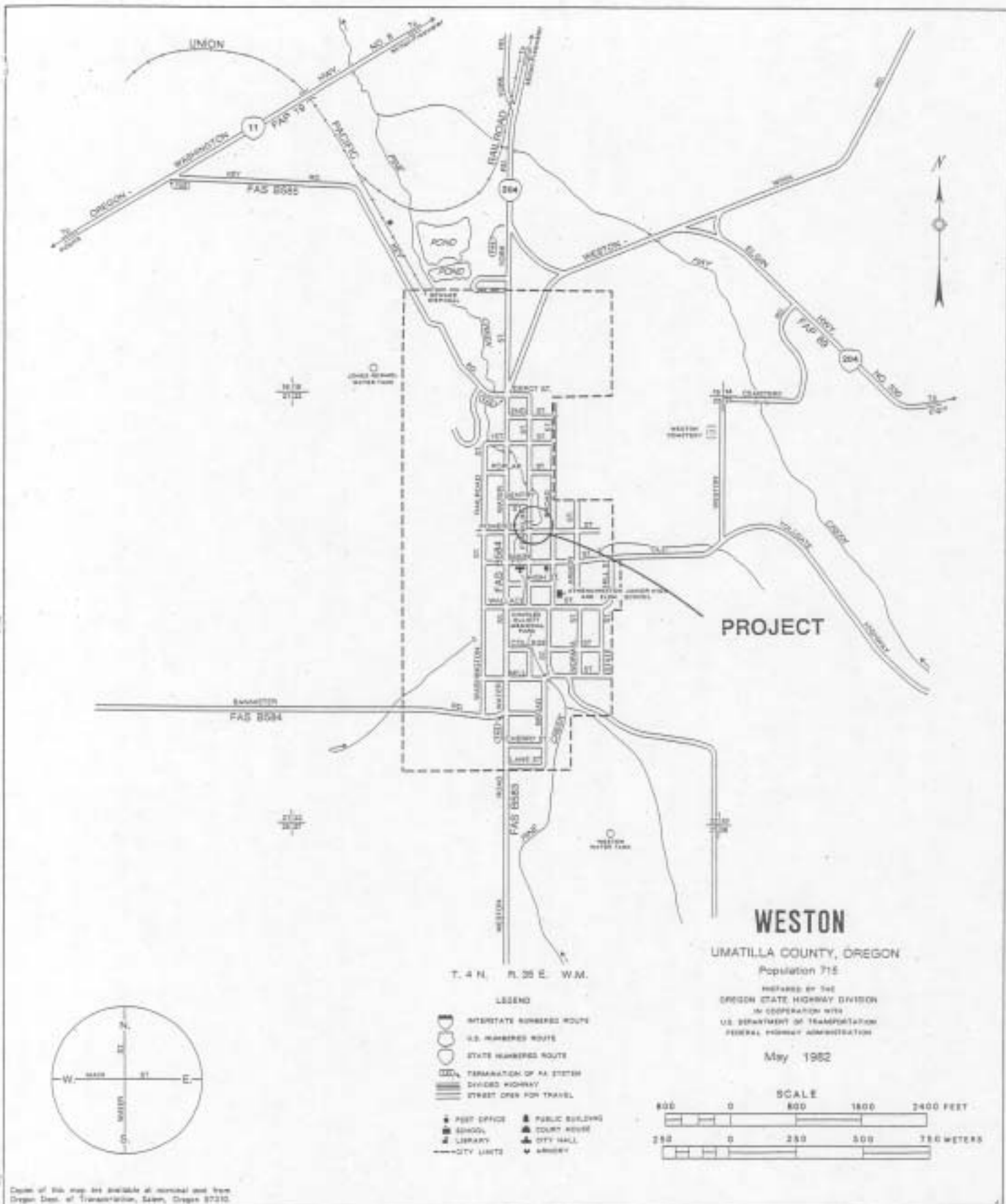
Applicant:	CITY OF WESTON	NBIS	
Project /	PINE CREEK (FRANKLIN ST)	Bridge No.	
Section	BRIDGE # 18103	Region:	Area:
		5	NEACT AREA
			District:
			12
Mobilization	8	percent of (Roadway + Structure)	\$16
Signals		lump sum	\$0
Illumination		lump sum	\$0
Temporary Protection	\$ 10,000	lump sum	\$10
Detour Route		feet	\$0
Other		specify unit	\$0
Other		specify unit	\$0
Other		lump sum	\$0
Other		lump sum	\$0
Mobilization & Traffic			\$26
Subtotal Construction			\$223
==Engineering==			
Construction Engineering	18	percent of (Roadway + Structure)	\$35
Contingency	20	percent of (Roadway + Structure)	\$39
Subtotal Const. Eng.			\$75
Preliminary Engineering			
Consultant	28	percent of (Roadway + Structure)	\$55
State		percent of (Roadway + Structure)	\$0
County	2	percent of (Roadway + Structure)	\$4
Subtotal PE			\$59
Total Estimate			\$372

Bridge Project Prospectus Additional Bridge Information

Applicant: CITY OF WESTON		NBIS Bridge Number: 0	
Project Name / Section: PINE CREEK (FRANKLIN ST) BRIDGE # 18103		Region: 5	Area: NEACT AREA
		District: 12	
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR Acceptable Source: <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR	Heavy Vehicle Usage Existing Proposed Truck AADT: <input type="text" value="N/A"/> <input type="text" value="5"/> <input type="text" value="N/A"/> <input type="text" value="5"/> Fire Truck Usage: <input type="checkbox"/> YES, at least 25% of trips use bridge. <input checked="" type="checkbox"/> No. Less than 25% of trips	Detour Detour Route: Length: <input type="text" value="10.5"/> Map: (Please attach map)	

Regional Freight Corridor Analysis:

Special Consideration:



PINE CREEK (FRANKLIN ST.) BRIDGE # 19103