



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number:	Jurisdiction:
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Section: IMNAHA RIVER (RIVER CANYON RD) BRIDGE #63C136	Region: 5	Area: NEACT AREA	District: 13
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State Highway No.:	Highway Name:	Mile Point From: .10 To: .15	Length: (mi) .05 (km)
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<input type="checkbox"/> Urban	City:	MPO:	Within UGB <input type="checkbox"/> Yes <input type="checkbox"/> No	County: WALLOWA	Road/Street Name: RIVER CANYON ROAD
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Route No.:	NHS <input type="checkbox"/> YES <input type="checkbox"/> NO	HPMS:	FC: 09	Applicant (If other than State): WALLOWA COUNTY
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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	\$128	Grading	X	Files (#)	2
Right Of Way	\$15	Paving	X	Acres (#)	1
Utility Reimbursement		Structures	X	Relocations (#)	
		Signing		Acquisitions (#)	
Roadway	\$44	Signals		Easements (#)	
Structures	\$358	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	\$65			Right Of Way Acquisitions (S,C,A)	C

Total CE and Construction:		Project Categories		Constructed By	
Const. Engineering	\$77	Environmental Class (1, 2, 3, PCE)	2	<input checked="" type="checkbox"/> Contract	<input type="checkbox"/> County Force
Remove Exist Bridge	\$24	Design Category (1-7)	7	<input type="checkbox"/> State Force	<input checked="" type="checkbox"/> Other
Other	\$34	Work Type Code (1-13)	5	<input type="checkbox"/> City Force	CONSULTANT
Total Estimate:	\$ 776	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 structurally deficient with a sufficiency rating of 55.1. The width of the bridge is substandard with a fair condition rating of the deck. The bridge currently is posted at 11 ton.
Structures (#)	1	1	
Signals (#)	0	0	
Blke Way (#)	N	N	
Average Daily Traffic	30	40	
Year of ADT	2003	2010	
Throughway Y/N			
			Describe Proposed Solution: - Attach Sketch Map
			Replace with a 90-foot span X 32-foot wide bulb "T" beam 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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Section: IMNAHA RIVER (RIVER CANYON RD) BRIDGE #63C136	Region: 5	Area: NEACT AREA	District: 13
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Project Justification

This steel and concrete structure was originally constructed in 1965 and serves as a vital route for logging and agricultural truck traffic. Although this structure was built in 1965, the life of the concrete is deteriorating faster than expected. The AC deck has scattered potholes throughout the length of the structure. Reports also indicate that the paint system is failing, thereby resulting in light to heavy rust on all areas of exposed steel with some section loss. These conditions in combination with the narrow width and low load rating make it undesirable and unsafe for two-way truck traffic.

Due to these conditions, Wallowa County has requested that Imnaha River (River Canyon Road) Bridge #63C136 be submitted for replacement under the OTIA III program. This project is consistent with the Department of Transportation's and Wallowa County's goals of replacing or rehabilitating deficient structures.

Imnaha River (River Canyon Rd.) Bridge #63C136 is located in Section 34, T3S, R48E, W.M.

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: _____	and/or Wallowa _____	County
By: _____	By: Russ McMartin, Public Works Director	
By: _____	By: _____	
	By: _____	

Applicable Intergovernmental Agreements:

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

Administrative Recommendation

Bridge Prospectus Cost Estimate

	NBIS Bridge No.		
Applicant: Project / Section	WALLOWA COUNTY IMNAHA RIVER (RIVER CANYON RD) BRIDGE	Region: 5	Area: NEACT AREA
			District: 13

New Bridge / Roadway Configuration:		Existing Bridge:	
Left Side Rail	90 feet	Bridge Length	89 feet
Left Sidewalk	feet	Bridge Width	17.8 feet
Shoulder	4 feet	Area	1584.2 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	390 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	90 feet	Base Avg Width	32 feet
Bridge Length	90 feet	Asphalt Density	140.63 pounds/ cu ft
Bridge Width	32 feet	Base Density	147.5 pounds/ cu ft
New Area	2880 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	200	cubic yards	\$ 10.00	\$2
Embankment in Place	100	cubic yards	\$ 20.00	\$2
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		cubic yards	\$ 52.00	\$0
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				\$44
Structures	2,880	square feet	\$ 115.00	\$331
Bridge Rail	180	feet	\$ 95.00	\$17
Remove Existing Bridge	1,584	square feet	\$ 15.00	\$24
Other		specify unit		\$0
Other		specify unit		\$0
Detour		lump sum		\$0
Const. Survey Work	\$ 10,000	lump sum		\$10
Subtotal Structures				\$382

Bridge Prospectus Cost Estimate

Applicant:		NBIS	
Project / Section		Bridge No.	
WALLOWA COUNTY		Region:	Area:
IMNAHA RIVER (RIVER CANYON RD) BRIDGE		5	NEACT AREA
		District:	13
Mobilization	8	percent of (Roadway + Structure)	\$34
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			\$44
Subtotal Construction			\$471
==Engineering==			
Construction Engineering	18	percent of (Roadway + Structure)	\$77
Contingency	20	percent of (Roadway + Structure)	\$85
Subtotal Const. Eng.			\$162
Preliminary Engineering Consultant	28	percent of (Roadway + Structure)	\$119
State		percent of (Roadway + Structure)	\$0
County	2	percent of (Roadway + Structure)	\$9
Subtotal PE			\$128
Total Estimate			\$776

Bridge Project Prospectus Additional Bridge Information

Applicant: WALLOWA COUNTY		NBIS Bridge Number: 0					
Project Name / Section: IMNAHA RIVER (RIVER CANYON RD) BRIDGE #63C136		Region: 5	Area: NEACT AREA				
		District: 13					
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 border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Existing</td> <td style="text-align: center;">Proposed</td> </tr> <tr> <td>Truck AADT: <input type="text" value="1"/></td> <td><input type="text" value="1"/></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 type="text" value="1"/>	<input type="text" value="1"/>	Detour Detour Route: Length: <input type="text" value="Dead End"/> Map: (Please attach map)	
Existing	Proposed						
Truck AADT: <input type="text" value="1"/>	<input type="text" value="1"/>						
Regional Freight Corridor Analysis:							
No posted bridges on detour or freight corridor. SEE DETOUR/CORRIDOR MAP							
Special Consideration:							



