



# PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number: \_\_\_\_\_ Jurisdiction: \_\_\_\_\_

Section: **BIG SHEEP CREEK (SHEEP CR RD) BRIDGE # 63C129** Region: **5** Area: **NEACT AREA** District: **13**

State Highway No.: \_\_\_\_\_ Highway Name: \_\_\_\_\_ Mile Point From: **2.95** To: **3.00** Length: (mi) **.05** (km) \_\_\_\_\_

Urban City: \_\_\_\_\_ MPO: \_\_\_\_\_ W/UGB  Yes  No County: **WALLOWA**

Route No.: \_\_\_\_\_ NHS  YES  NO HPMS: \_\_\_\_\_ FC: \_\_\_\_\_ Applicant (If other than State): **WALLOWA COUNTY**

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

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

Preliminary Engineering \$63 Grading X Files (#) 2

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

Utility Reimbursement Structures X Relocations (#)

Signaling Acquisitions (#)

Roadway \$51 Signals Easements (#)

Structures \$148 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 \$10 Environmental Class (1, 2, 3, PCE) 2

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

Total CE and Construction: \$314 Work Type Code (1-13) 5

Total Estimate: \$ 392 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 (#)	1	2	The existing structure is deficient with a fair condition on substructure. The bridge is only wide enough for one lane of traffic. The sufficiency rating is 35.9 and is posted 18 ton.
Structures (#)	1	1	
Signals (#)	0	0	
Bike Way (#)	N	N	
Average Daily Traffic	5	10	
Year of ADT	2003	2021	
Throughway Y/N			

Describe Proposed Solution: - Attach Sketch Map

Replace existing structure with a 45 foot X 32 foot precast prestressed slab span and widen approached to accommodate a 32 foot roadway. Install guardrail to meet standards.

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: BIG SHEEP CREEK (SHEEP CR RD) BRIDGE # 63C129

Region:  
5

Area:  
NEACT AREA

District:  
13

## Project Justification

This timber structure was constructed in 1950 and is an important route for agriculture and timber. The bridge inspection report indicates that the structure has a condition rating for the substructure of fair (5) and is posted for 18 ton, with a sufficiency rating of 36.9.

In order to prevent further damage to the structure, Wallowa County has requested that Big Sheep Creek (Sheep Creek Rd.) Bridge # 63C129 be submitted for replacement under the OTIA III program. This project is consistent with the Department of Transportation's and Wallowa County's goal of replacing deficient structures.

Big Sheep Creek (Sheep Creek Rd.) Bridge #63C129 is located in Section 6, T3S, R47E, W.M.

## Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- |  |                      |          |                      |         |
|--|----------------------|----------|----------------------|---------|
| 1. Public Hearing /<br>Citizen Involvement | <input type="text"/> | (Office) | <input type="text"/> | (Phone) |
| 2. Environmental / Planning                | <input type="text"/> | (Office) | <input type="text"/> | (Phone) |
| 3. Pre-Engineering                         | <input type="text"/> | (Office) | <input type="text"/> | (Phone) |

This Official Request is From:

City of:  and/or WALLOWA  County

By:  By: RUSS MCMARTIN, PUBLIC WORKS DIRECTOR

By:  By:

By:  By:

Applicable Intergovernmental Agreements:

IGA Number:	Jurisdiction Name:	Agreement Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

## Administrative Recommendation



11-2004

## Bridge Prospectus Cost Estimate

	WALLOWA COUNTY BIG SHEEP CREEK (SHEEP CR RD) BRIDGE # 63C129	NBIS Bridge No.  Region: 5	Area: NEACT AREA	District: 13
<b>New Bridge / Roadway Configuration:</b>				
Left Side Rail	45 feet	<b>Existing Bridge:</b>		
Left Sidewalk	feet	Bridge Length	36 feet	
Shoulder	4 feet	Bridge Width	18.1 feet	
Lane 2	feet	Area	651.6 square ft.	
Lane 1	12 feet	New AC Top Width	32 feet	
--CL--	feet	New AC Depth	4 inches	
Lane 1	12 feet	New Base Depth	12 inches	
Lane 2	feet	Project Length	345 feet	
Shoulder	4 feet	Net Road Work Length	300 feet	
Right Sidewalk	feet	X-S Side Slope	1:3	
Right Side Rail	45 feet	AC Avg Width	32 feet	
Bridge Length	45 feet	Base Avg Width	32 feet	
Bridge Width	32 feet	Asphalt Density	140.63 pounds/ cu ft	
New Area	1440 square ft.	Base Density	147.5 pounds/ cu ft	
		New AC Received	240 tons	
		New Base Required	704 tons	
<b>COST ESTIMATE:</b>				
	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
<b>Subtotal Roadway</b>				<b>\$51</b>
Structures	1,440	square feet	\$ 90.00	\$130
Bridge Rail	90	feet	\$ 95.00	\$9
Remove Existing Bridge	652	square feet	\$ 15.00	\$10
Other		specify unit		\$0
Other		specify unit		\$0
Detour		lump sum		\$0
Const. Survey Work	\$ 10,000	lump sum		\$10
<b>Subtotal Structures</b>				<b>\$158</b>

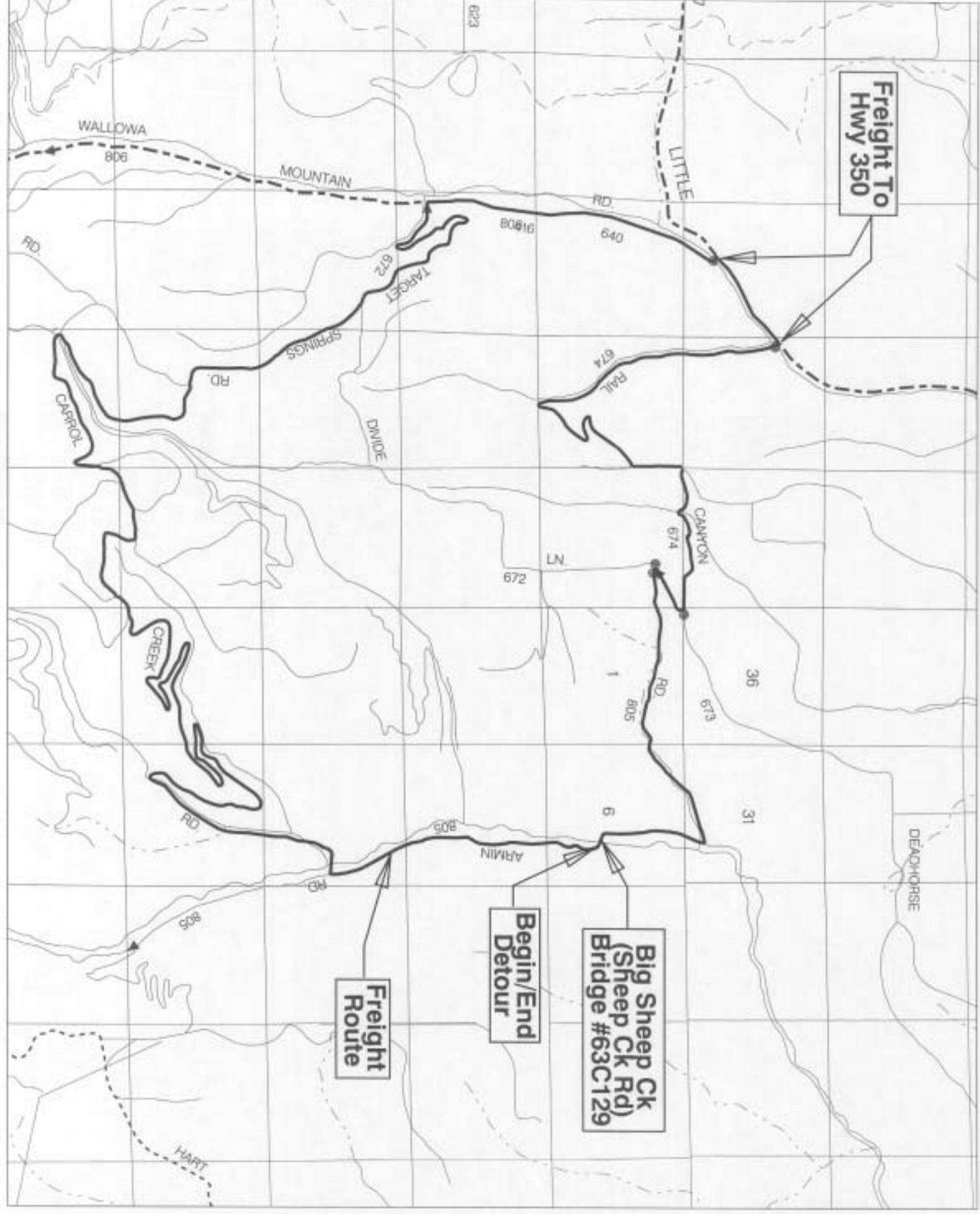
## Bridge Prospectus Cost Estimate

Applicant:	WALLOWA COUNTY		NBIS	
Project /	BIG SHEEP CREEK (SHEEP		Bridge No.	
Section	CR RD) BRIDGE # 63C129		Region:	Area:
			5	NEACT AREA
				District:
				13
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				\$235
==Engineering==				
Construction Engineering		18 percent of (Roadway + Structure)		\$38
Contingency		20 percent of (Roadway + Structure)		\$42
Subtotal Const. Eng.				\$79
Preliminary Engineering				
Consultant		28 percent of (Roadway + Structure)		\$58
State		percent of (Roadway + Structure)		\$0
County		2 percent of (Roadway + Structure)		\$4
Subtotal PE				\$63
<b>Total Estimate</b>				<b>\$392</b>

## Bridge Project Prospectus Additional Bridge Information

Applicant: WALLOWA COUNTY		NBIS Bridge Number: 0						
Project Name / Section: BIG SHEEP CREEK (SHEEP CR RD) BRIDGE # 63C129		Region: 5	Area: NEACT AREA	District: 13				
<b>Funding</b>  <b>Preferred Source:</b> <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR  <b>Acceptable Source:</b> <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR		<b>Heavy Vehicle Usage</b> <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>Truck AADT: <input style="width: 50px;" type="text" value="1"/></td> <td><input style="width: 50px;" type="text" value="1"/></td> </tr> </table> <b>Fire Truck Usage:</b> <input checked="" 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="1"/>	<input style="width: 50px;" type="text" value="1"/>	<b>Detour</b>  <b>Detour Route:</b> Length: <input style="width: 50px;" type="text" value="22"/> Map: (Please attach map)	
Existing	Proposed							
Truck AADT: <input style="width: 50px;" type="text" value="1"/>	<input style="width: 50px;" type="text" value="1"/>							
<b>Regional Freight Corridor Analysis:</b> No posted bridges on detour or freight corridor. SEE DETOUR/CORRIDOR MAP								
<b>Special Consideration:</b>								





**Freight To Hwy 350**

**Big Sheep Ck  
(Sheep Ck Rd)  
Bridge #63C129**

**Begin/End  
Detour**

**Freight  
Route**