



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number: _____ Jurisdiction: _____

Section: **BEAR CREEK (BEAR CREEK RD.) BRIDGE # 63C13** Region: **5** Area: **NEACT AREA** District: **13**

State Highway No.: _____ Highway Name: _____ Mile Point From: **3.00** To: **3.05** Length: (mi) **.05** (km) _____

Urban City: _____ MPO: _____ Within UGB Yes No County: **WALLOWA**

Route No.: _____ NHS YES NO HPMS: _____ FC: **08** 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 | \$73 | Grading | X | Files | (#) | 2 |
| Right Of Way | \$15 | Paving | X | Acres | (#) | 1 |
| Utility Reimbursement | | Structures | X | Relocations | (#) | |
| | | Signing | | Acquisitions | (#) | |
| Roadway | \$51 | Signals | | Easements | (#) | |
| Structures | \$179 | 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 | \$48 | | | Right Of Way Acquisitions | (S,C,A) | C |

| | | | | | | | |
|----------------------------|--------|-------------------------|----------------|---|--|---------------------------------------|--|
| Const. Engineering | \$44 | Project Categories | | | | Constructed By | |
| Remove Exist Bridge | \$13 | Environmental Class | (1, 2, 3, PCE) | 2 | <input checked="" type="checkbox"/> Contract | <input type="checkbox"/> County Force | |
| Other | \$19 | Design Category | (1-7) | 7 | <input type="checkbox"/> State Force | <input type="checkbox"/> Other | |
| Total CE and Construction: | \$364 | Work Type Code | (1-13) | 5 | <input type="checkbox"/> City Force | CONSULTANT | |
| Total Estimate: | \$ 451 | Primary STIP Work Type: | | | | | |

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

FE 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 is 51.6 and the bridge is posted 23 ton. |
| Structures (#) | 1 | 1 | |
| Signals (#) | 0 | 0 | |
| Bike Way (#) | N | N | |
| Average Daily Traffic | 100 | 147 | |
| Year of ADT | 2003 | 2021 | |
| Throughway Y/N | | | |

Describe Proposed Solution: - Attach Sketch Map

Replace existing structure with a 55 foot X 32 foot precast prestressed slab span and widen approached to accommodate a 32 foot roadway. Install guardrail to meet standards.

Prepared By: **X** Date: _____ OTC Approval Date: _____ Program Year: _____ Funding Amount: _____



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Key Number:

Jurisdiction:

Section: BEAR CREEK (BEAR CREEK RD.) BRIDGE # 63C13

Region:
5

Area:
NEACT AREA

District:
13

Project Justification

This timber and steel structure is functionally obsolete, was constructed in 1970 and is an important route for agriculture and timber. The bridge inspection report indicates that the deck has a fair (5) NBI rating. The structure is posted for 23 ton.

In order to prevent further damage to the structure, Wallowa County has requested that Bear Creek (Bear Creek Rd.) Bridge # 63C13 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 deficient structures.

Bear Creek (Bear Creek Rd.) Bridge #63C13 is located in Section 3, T1S, R42E, 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

| | | | | |
|------------|------------------------|------------|------------|-----------|
| Applicant: | WALLOWA COUNTY | NBIS | | |
| Project / | BEAR CREEK (BEAR CREEK | Bridge No. | | |
| Section | RD.) BRIDGE # 63C13 | Region: | Area: | District: |
| | | 5 | NEACT AREA | 13 |

| | | | |
|--|-----------------|-------------------------|----------------------|
| New Bridge / Roadway Configuration: | | Existing Bridge: | |
| Left Side Rail | 55 feet | Bridge Length | 50 feet |
| Left Sidewalk | feet | Bridge Width | 17.1 feet |
| Shoulder | 4 feet | Area | 855 square ft. |
| Lane 2 | feet | | |
| 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 | 355 feet |
| Shoulder | 4 feet | Net Road Work Length | 300 feet |
| Right Sidewalk | feet | X-S Side Slope | 1:3 |
| Right Side Rail | 55 feet | AC Avg Width | 32 feet |
| | | Base Avg Width | 32 feet |
| Bridge Length | 55 feet | Asphalt Density | 140.63 pounds/ cu ft |
| Bridge Width | 32 feet | Base Density | 147.5 pounds/ cu ft |
| New Area | 1760 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 | 1,760 | square foot | \$ 90.00 | \$158 |
| Bridge Rail | 110 | feet | \$ 95.00 | \$10 |
| Remove Existing Bridge | 855 | square foot | \$ 15.00 | \$13 |
| Other | | specify unit | | \$0 |
| Other | | specify unit | | \$0 |
| Detour | | lump sum | | \$0 |
| Const. Survey Work | \$ 10,000 | lump sum | | \$10 |
| Subtotal Structures | | | | \$192 |

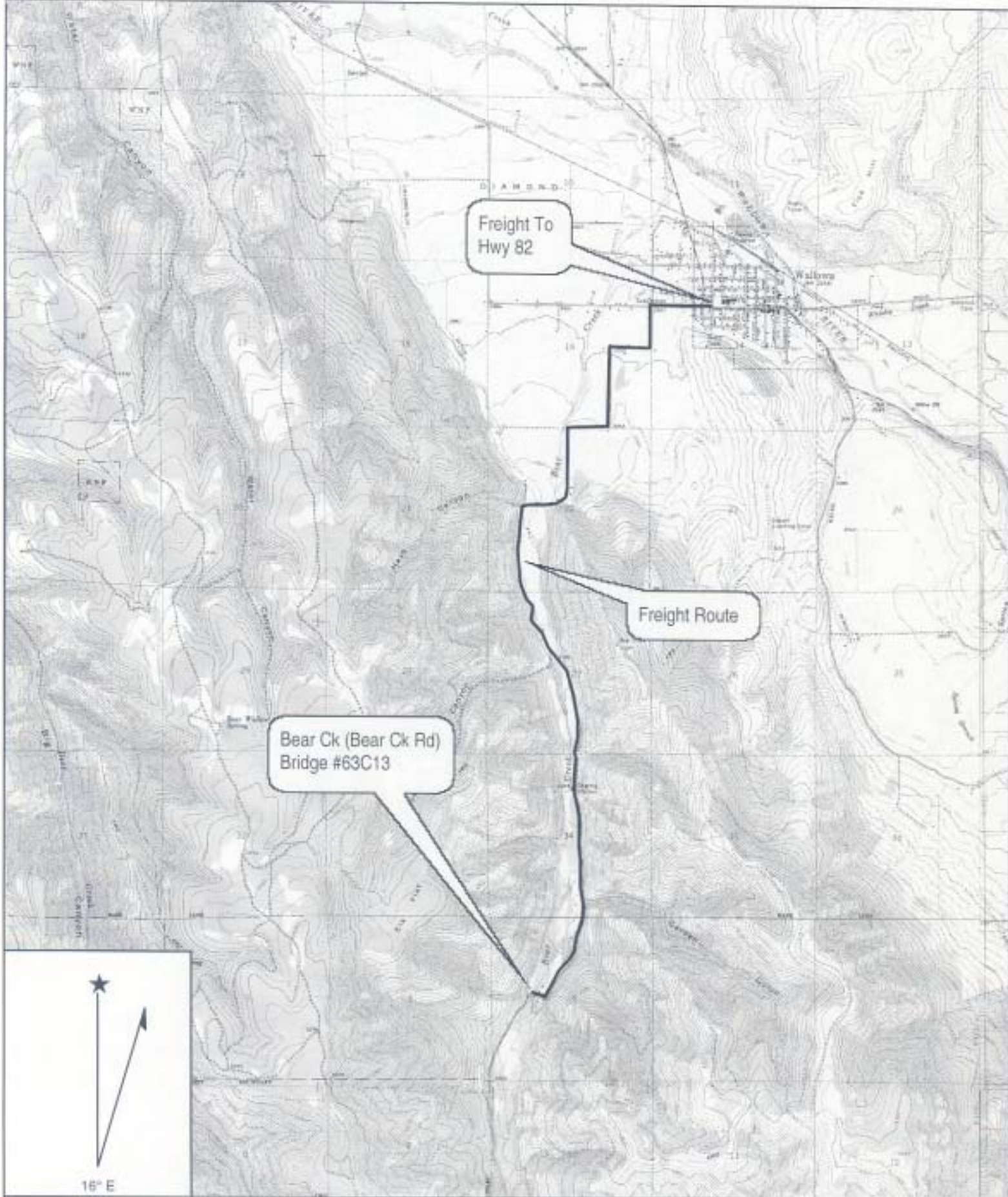
Bridge Prospectus Cost Estimate

| Applicant: Project / Section | | NBIS Bridge No. | | Region: | Area: | District: |
|---|-----------|----------------------------------|--|------------|------------|--------------|
| WALLOWA COUNTY BEAR CREEK (BEAR CREEK RD.) BRIDGE # 63C13 | | [REDACTED] | | 5 | NEACT AREA | 13 |
| Mobilization | 8 | percent of (Roadway + Structure) | | | | \$19 |
| Signals | | lump sum | | | | \$0 |
| Illumination | | lump sum | | | | \$0 |
| Temporary Protection | \$ 10,000 | lump sum | | | | \$10 |
| Detour Route | | feet | | [REDACTED] | | \$0 |
| Other | | specify unit | | [REDACTED] | | \$0 |
| Other | | specify unit | | [REDACTED] | | \$0 |
| Other | | lump sum | | | | \$0 |
| Other | | lump sum | | | | \$0 |
| Mobilization & Traffic | | | | | | \$29 |
| Subtotal Construction | | | | | | \$272 |
| ==Engineering== | | | | | | |
| Construction Engineering | 18 | percent of (Roadway + Structure) | | | | \$44 |
| Contingency | 20 | percent of (Roadway + Structure) | | | | \$48 |
| Subtotal Const. Eng. | | | | | | \$92 |
| <i>Preliminary Engineering</i> | | | | | | |
| Consultant | 28 | percent of (Roadway + Structure) | | | | \$68 |
| State | | percent of (Roadway + Structure) | | | | \$0 |
| County | 2 | percent of (Roadway + Structure) | | | | \$5 |
| Subtotal PE | | | | | | \$73 |
| Total Estimate | | | | | | \$451 |

Bridge Project Prospectus Additional Bridge Information

| | | | |
|--|---|--|----------------------------|
| Applicant: WALLOWA COUNTY | | NBIS Bridge Number: 0 | |
| Project Name / Section: BEAR CREEK (BEAR CREEK RD.) BRIDGE # 83C13 | | 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 <div style="text-align: center;">Existing Proposed</div> Truck AADT: <input type="text" value="5"/> <input type="text" value="7"/> 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="Dead End"/> Map: (Please attach map) | |
| Regional Freight Corridor Analysis: No posted bridges on detour or freight corridor. SEE DETOUR/CORRIDOR MAP | | | |
| Special Consideration: | | | |
| | | | |
| | | | |
| | | | |





Freight To Hwy 82

Freight Route

Bear Ck (Bear Ck Rd) Bridge #63C13



Name: WALLOWA
Date: 10/11/2003
Scale: 1 inch equals 4000 feet

Location: 045° 32' 36.72" N 117° 33' 34.3" W