



# PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

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

Section: **CRACKER CREEK (CRACKER CREEK RD.) BRIDGE #01C227** Region: **5** Area: **NEACT AREA** District: **13**

State Highway No.: \_\_\_\_\_ Highway Name: \_\_\_\_\_ Mile Point From: **2.15** To: **2.20** Length: (mi) **0.05** (km) \_\_\_\_\_

Urban City: \_\_\_\_\_ MPO: \_\_\_\_\_ Within UGB  Yes  No County: **BAKER** Road/Street Name: **CRACKER CREEK ROAD**

Route No.: \_\_\_\_\_ NHS  YES  NO HPMS: \_\_\_\_\_ PC: **08** Applicant (if other than State): **BAKER COUNTY**

US Congressional District: **2** State Senate District: **30** State Representative District: **60**

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

Preliminary Engineering \$112 Grading X Files (#) 2

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

Utility Reimbursement Structures X Relocations (#) \_\_\_\_\_

Signaling Acquisitions (#) \_\_\_\_\_

Roadway \$52 Signals Easements (#) \_\_\_\_\_

Structures \$300 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 \$75 Right Of Way Acquisitions (S,C,A) C

Const. Engineering \$67 Project Categories Constructed By

Remove Exist Bridge \$21 Environmental Class (1, 2, 3, PCE) 2  Contract  County Force

Other \$30 Design Category (1-7) 7  State Force  Other

Total CE and Construction: \$555 Work Type Code (1-13) 5  City Force **CONSULTANT**

Total Estimate: \$ 683 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 bridge is structurally deficient and with a sufficiency rating of 68.2. Bridge is Posted with a load rating of 25 tons. Width of the bridge is substandard.
Structures (#)	1	1	
Signals (#)	0	0	
Bike Way (#)	N	N	
Average Daily Traffic	98	129	
Year of ADT	2002	20012	
Throughway Y/N			

Describe Proposed Solution: - Attach Sketch Map  
Replace existing bridge with a 75 foot prestress slab span structure 32 feet wide.

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



# PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: CRACKER CREEK (CRACKER CREEK RD.) BRIDGE #01C

Region:

5

Area:

NEACT AREA

District:

13

## Project Justification

This steel and concrete structure originally was constructed in 1967 and serves as a link between agricultural and forestland and Oregon Route 7. The bridge has a sufficiency rating of 68.2. This single lane structure consists of two railroad cars positioned side-by-side. Agricultural equipment, logging trucks, mining equipment, and recreational vehicles utilize the structure on a daily basis. The load rating, nature of construction, and deficiencies noted on the bridge inspection report, in combination with the lack of a detour, make this bridge undesirable and unsafe for two-way farm, forest, mining and recreational traffic.

Due to the nature of construction the existing structure, Baker County is proposing to replace the existing bridge. The proposed Cracker Creek (Cracker Creek Road) Bridge # 01C227 improvement project consists of replacement with a single span, precast, prestress structure, installation of guardrail to meet standards, and widening of approaches to accommodate the new bridge width.

## Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

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

This Official Request is From:

City of: \_\_\_\_\_ and/or \_\_\_\_\_ County

By: \_\_\_\_\_ By: \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_

Applicable Intergovernmental Agreements:

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

## Administrative Recommendation

## Bridge Prospectus Cost Estimate

Applicant: Project / Section	BAKER COUNTY CRACKER CREEK (CRACKER CREEK RD.)	NBIS Bridge No.	Region: 5	Area: NEACT AREA	District: 13
<b>New Bridge / Roadway Configuration:</b>					
Left Side Rail	75 feet	Existing Bridge:		Bridge Length	73 feet
Left Sidewalk	feet	Bridge Width		19.6 feet	
Shoulder	4 feet	Area		1430.8 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		375 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	75 feet	Base Avg Width			
Bridge Length	75 feet	Asphalt Density		lbs/cu ft	
Bridge Width	32 feet	Base Density		lbs/cu ft	
New Area	2400 square ft.	New AC Rec			
		New Base Rec			
		Price			
		per unit			
<b>COST ESTIMATE:</b>	<b>Quantity</b>	<b>Unit</b>			
Right-of-Way	1.00	Acre	\$ 15,000		
	==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	150	cubic yards	\$ 52.00	\$8	
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	\$17	
			Subtotal Roadway	\$32	
Structures	2,400	square feet	\$ 115.00	\$76	
Bridge Rail	150	feet	\$ 95.00	\$14	
Remove Existing Bridge	1,431	square feet	\$ 15.00	\$21	
Other		specify unit		\$0	
Other		specify unit		\$0	
Other		lump sum		\$0	
Const. Survey Work	\$ 10,000	lump sum		\$10	
			Subtotal Structures	\$322	

Seems high for R/W  
Ac of Base low  
Is this road paved?

\$4,000 per corner  
Seems low

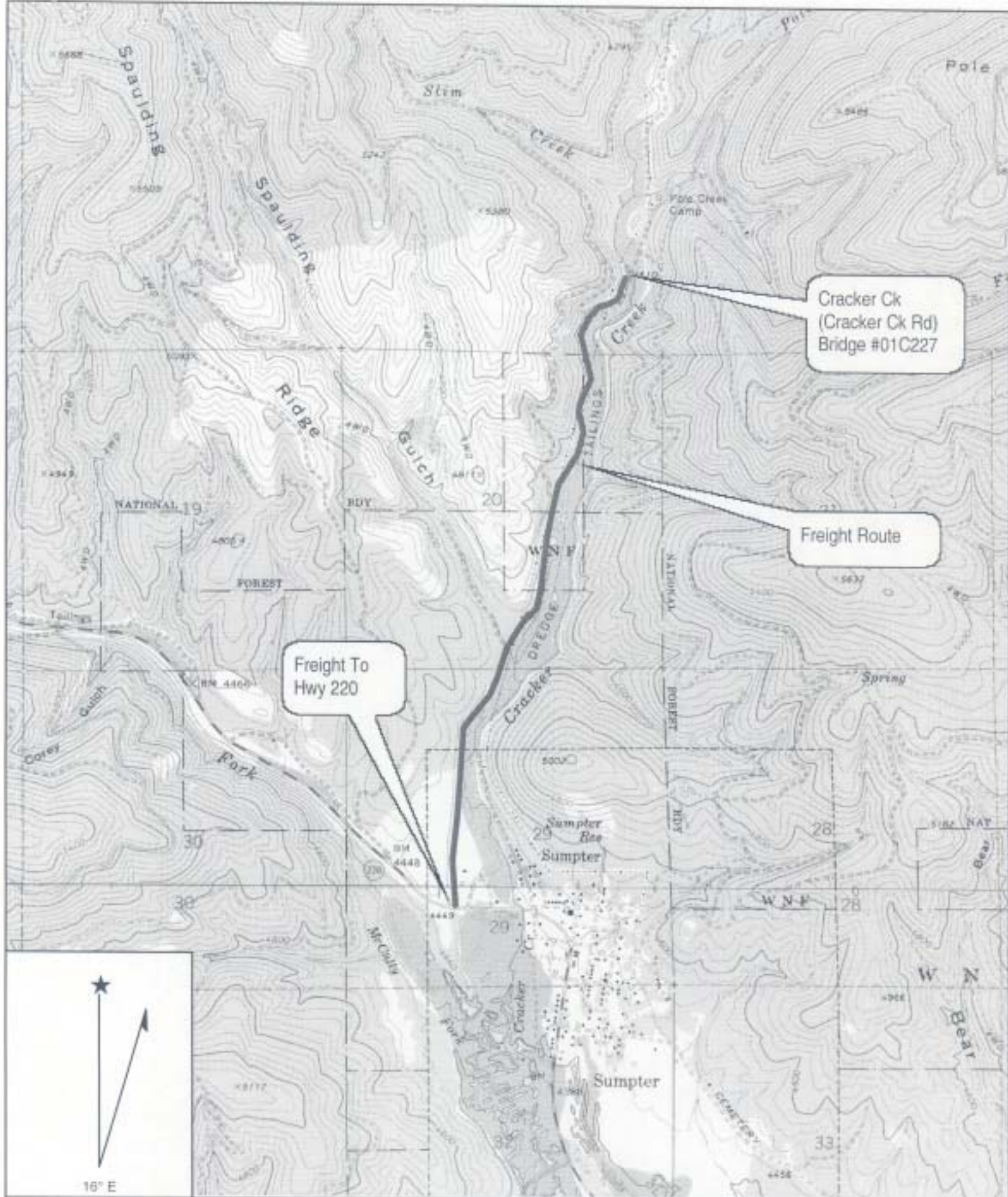
Bridge railing high cost

## Bridge Prospectus Cost Estimate

Applicant: Project / Section	BAKER COUNTY CRACKER CREEK (CRACKER CREEK RD.)	NBIS Bridge No.  Region: 5	Area: NEACT AREA	District: 13
Mobilization	8	percent of (Roadway + Structure)		\$30
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				\$40
Subtotal Construction				\$414
==Engineering==				
Construction Engineering	18	percent of (Roadway + Structure)		\$67
Contingency	20	percent of (Roadway + Structure)		\$75
Subtotal Const. Eng.				\$142
Preliminary Engineering				
Consultant	28	percent of (Roadway + Structure)		\$105
State		percent of (Roadway + Structure)		\$0
County	2	percent of (Roadway + Structure)		\$7
Subtotal PE				\$112
<b>Total Estimate</b>				<b>\$683</b>

## Bridge Project Prospectus Additional Bridge Information

Applicant: BAKER COUNTY		NBIS Bridge Number: 0					
Project Name / Section: CRACKER CREEK (CRACKER CREEK RD.) BRIDGE #01C227		Region: 5	Area: NEACT AREA				
		District: 13					
<b>Funding</b>  <b>Preferred Source:</b> <input checked="" type="checkbox"/> OTIA III <input 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="5"/></td> <td><input style="width: 50px;" type="text" value="6"/></td> </tr> </table> <b>Fire Truck Usage:</b> <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="5"/>	<input style="width: 50px;" type="text" value="6"/>	<b>Detour</b>  <b>Detour Route:</b> Length: <input style="width: 100px;" type="text" value="Dead End"/> Map: (Please attach map)	
Existing	Proposed						
Truck AADT: <input style="width: 50px;" type="text" value="5"/>	<input style="width: 50px;" type="text" value="6"/>						
<b>Regional Freight Corridor Analysis:</b>							
<b>Special Consideration:</b>							



Name: BOURNE  
 Date: 10/10/2003  
 Scale: 1 inch equals 2000 feet

Location: 044° 45' 45.96" N 118° 12' 14.84" W

