



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Section: Coyote Creek Bridge No. 122005		Key Number:		Jurisdiction:	
State Highway No.:		Highway Name:		Mile Point	
Region: 3		Area: Rogue Valley		District: 8	
From: 0.07		To:		Length: (mi) (km)	
<input type="checkbox"/> Urban	City:	MPO:	Wish UGB	<input type="checkbox"/> Yes	County:
<input checked="" type="checkbox"/> Rural				<input type="checkbox"/> No	Josephine
Route No.:	NHS <input type="checkbox"/> YES <input type="checkbox"/> NO	HPMS:	FC:	Applicant (If other than State):	
				Josephine County	
US Congressional District: 2		State Senate District: 2		State Representative District: 3	
Cost Estimates (x \$ 1,000)		Project Components		Right Of Way	
Preliminary Engineering	\$91	Grading	<input checked="" type="checkbox"/>	Files	(#) 8
Right Of Way	\$24	Paving	<input checked="" type="checkbox"/>	Hectares	(#) .4
Utility Reimbursement	\$0	Structures	<input checked="" type="checkbox"/>	Relocations	(#) 0
		Signaling	<input checked="" type="checkbox"/>	Acquisitions	(#) 4
Roadway	\$85	Signals		Easements	(#) 4
Structures	\$84	Illumination		Work By: State / Consultant / Applicant	
Signals	\$0			Preliminary Engineering (S.C.A.)	C
Illumination	\$0			Construction Engineering (S.C.A.)	C
Temp. Protection	\$5			Right of Way Descriptions (S.C.A.)	C
Const. Contingencies	\$57			Right Of Way Acquisitions (S.C.A.)	A
Const. Engineering	\$80	Project Categories		Constructed By	
Remove Exist Bridge	\$6	Environmental Class (1, 2, 3, PCE)	2	<input checked="" type="checkbox"/> Contract	<input type="checkbox"/> County Force
Other	\$47	Design Category (1-7)	5	<input type="checkbox"/> State Force	<input type="checkbox"/> Other
Total CE and Construction:	\$363	Work Type Code (1-13)	7	<input type="checkbox"/> City Force	
Total Estimate:	\$ 478	Primary STP Work Type:			
Recommended Let Date By Federal Fiscal Year (Quarter-Year):					
PE Fund:		R/W Fund:		UR Fund:	
PE EA:		R/W EA:		UR EA:	
CE-CN Fund:		CE-CN EA:			
Item	Existing	Proposed	Define The Problem:		
Travel Lanes (#)	2	2	The existing timber bridge is structurally deficient with a sufficiency rating of 36.4. The bridge is currently posted with load limits.		
Structures (#)	1	1			
Signals (#)	0	0			
Bike Way (#)	0	0			
Average Daily Traffic	230	260			
Year of ADT	1994	2014			
Throughway Y/N	N	N			
Describe Proposed Solution: - Attach Sketch Map					
The existing bridge will be replaced with a new structure meeting current AASHTO and ODOT standards for load capacity, width, and geometry. The new bridge will include new approach guard rail. The new bridge will be a single span sized to provide a channel opening necessary for hydraulic capacity.					
Prepared By:		Date:	OTC Approval Date:	Program Year:	Funding Amount:
<i>[Signature]</i>		10/13/03			



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: Coyote Creek Bridge No. 122005

Region:
3

Area:
Rogue Valley

District:
8

Project Justification

Coyote Creek Bridge (NBIS Number 122005)

Coyote Creek Bridge lies on Bloom road, a rural residential road. This dead end road provides the only access to nine residential properties and to land zoned as commercial forest.

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 Josephine County

County

By:

By:

Steve [Signature] 10/13/03

By:

By:

By:

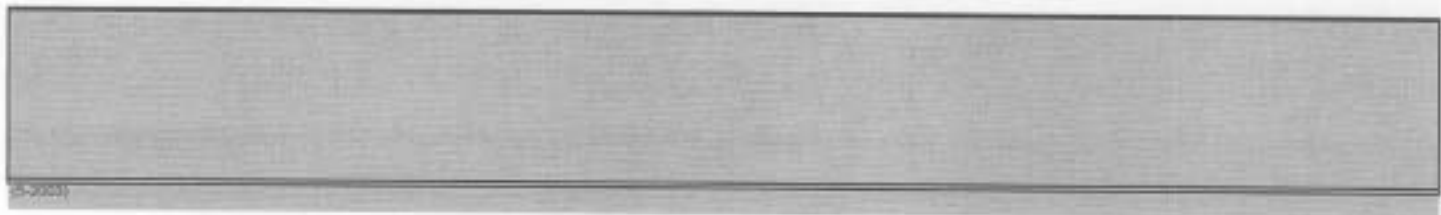
Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation



03-20021

Bridge Prospectus Cost Estimate

Applicant:		NBIS			
Project / Section		Josephine County	Bridge No.	Area	District
		Coyote Creek Bridge No. 122005	12005	Rogue Valley	8
			Region:		
			3		
New Bridge / Roadway Configuration:			Existing Bridge:		
Left Side Rail	1	feet	Bridge Length	30	feet
Left Sidewalk	0	feet	Bridge Width	20	feet
Shoulder	2	feet	Area	67	square yds.
Lane 2	0	feet			
Lane 1	11	feet	New AC Top Width	26	feet
—CL—	0	feet	New AC Depth	4	inches
Lane 1	11	feet	New Base Depth	12	inches
Lane 2	0	feet	Project Length	600	feet
Shoulder	2	feet	Net Road Work Length	560	feet
Right Sidewalk	0	feet	X-S Side Slope		
Right Side Rail	1	feet	AC Avg Width	28	feet
			Base Avg Width	32	feet
Bridge Length	40	feet	Asphalt Density	2	tons / yd
Bridge Width	28	feet	Base Density	2	tons / yd
New Area	124.4	square yds.	New AC Received	388	tons
			New Base Required	1344	tons
COST ESTIMATE:					
	Quantity	Unit	Price per unit	Cost (\$x1000s)	
Right-of-Way	1	Acre	\$ 40,000	\$24	
==Roadway==					
Clear & Grub	\$ 2,000	lump sum		\$2	
General Excavation	-	cubic yards	\$ 10.00	\$0	
Embankment in Place	600	cubic yards	\$ 26.00	\$16	
Pavement Removal	12,000	square feet	\$ 1.00	\$12	
Aggregate Base	1344	tons	\$ 14.00	\$19	
Asphalt Concrete	388	tons	\$ 55.00	\$21	
Riprap	30	cubic yards	\$ 35.00	\$1	
Guardrail, Type 2A		feet	\$ 15.00	\$0	
Guardrail, Type 3	50	feet	\$ 35.00	\$2	
Guardrail Trans	4	feet	\$ 1,650.00	\$7	
Flared Terminals	4	each	\$ 1,500.00	\$6	
Subtotal Roadway				\$85	
Structures	1,120	square feet	\$ 75.00	\$84	
Signals	\$ -	lump sum		\$0	
Illumination	\$ -	lump sum		\$0	
Temporary Protection	\$ 5,000	lump sum		\$5	
Remove Existing Bridge	\$ 603	square feet	10	\$6	
Site specific bridge items	\$ 22,000	lump sum		\$22	
Detour Structure or Staged	25,000	lump sum		\$25	
Subtotal Structures				\$142	
Subtotal Construction				\$227	
==Engineering==					
Construction Engineering	35	percent of construction		\$80	
Contingency	25	percent of construction		\$57	
Subtotal Const. Eng.				\$136	
Preliminary Engineering					
Consultant	35	percent of construction		\$80	
State	3	percent of construction		\$7	
County	2	percent of construction		\$5	
Subtotal PE				\$91	
Total Estimate				\$478	

Bridge Project Prospectus Additional Bridge Information

Applicant: Josephine County		NBIS Bridge Number: 12005				
Project Name / Section: Coyote Creek Bridge No. 122005		Region: 3	Area: Rogue Valley			
		District: 8				
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 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="Restricted"/></td> <td><input type="text" value="40"/></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="Restricted"/>	<input type="text" value="40"/>	Detour Detour Route: Length: <input type="text" value="DeadEnd"/> Map: (Please attach map)
Existing	Proposed					
Truck AADT: <input type="text" value="Restricted"/>	<input type="text" value="40"/>					
Regional Freight Corridor Analysis:						
Special Consideration:						
This structure is located on a dead end road and provides the only access for local residents and forestry activities. There is no alternate route available.						

Bridge Project Prospectus
Requested Changes to National Bridge Inventory System (NBIS) Data
(Form Optional)

Applicant: Josephine County	Bridge Number: 12005		
Project Name / Section: Coyote Creek Bridge No. 122005	Region: 3	Area: Rogue Valley	District: B

This form must be completed if an agency is proposing a change to the data in the existing National Bridge Inventory System data. The information must be in conformance with the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Report No. FHWA-PD-95-001, December 1995.

Changes proposed to the Detour Length, Average Daily Traffic and Truck Average Daily Traffic will be acquired from other parts of this application and used to compute updated Federal Sufficiency Ratings and in the calculation of the Technical Ranking Score.

The data listed below are used in the calculations of the Technical Ranking Score and proposed changes will be considered. For any changes proposed, attach backup data as to the reason for the change.

Item 25	Functional Classification	
Item 28	A Lanes on Structure	
Item 32	Approach Roadway Width	
Item 43	Structure Type, Main	
Item 51	Bridge Roadway Width	
Item 53	Vertical Clearance over Deck	
Item 54	Underclearance	
Item 55	Minimum Left	
Item 56	Minimum Right	
Item 100	Defense Highway Designation	

Items 58, 59, 60, 62, 67, 68, 69, 71 and 72 are used in the calculation of the Federal Sufficiency Rating. These data elements are supplied by ODOT and are not subject to corrections at this time.

The Inventory Rating (Item 66) must be provided by a Licensed Professional Engineer, based on calculations following ODOT's Load Rating Guidelines. The engineer's calculations must be included.

Item 66	Inventory Rating	
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Bridge Project Prospectus

Required Data For Bridges Not Listed in the National Bridge Inventory System (NBIS)

(Form Optional)

Applicant: Josephine County	Bridge Number: 12005		
Project Name / Section: Coyote Creek Bridge No. 122005	Region: 3	Area: Rogue Valley	District: 8

This form must be completed for all bridges submitted that are not on the current National Bridge Inventory System (NBIS). The information must be in conformance with the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges, Report No. FHWA-PD-96-001, December 1995.

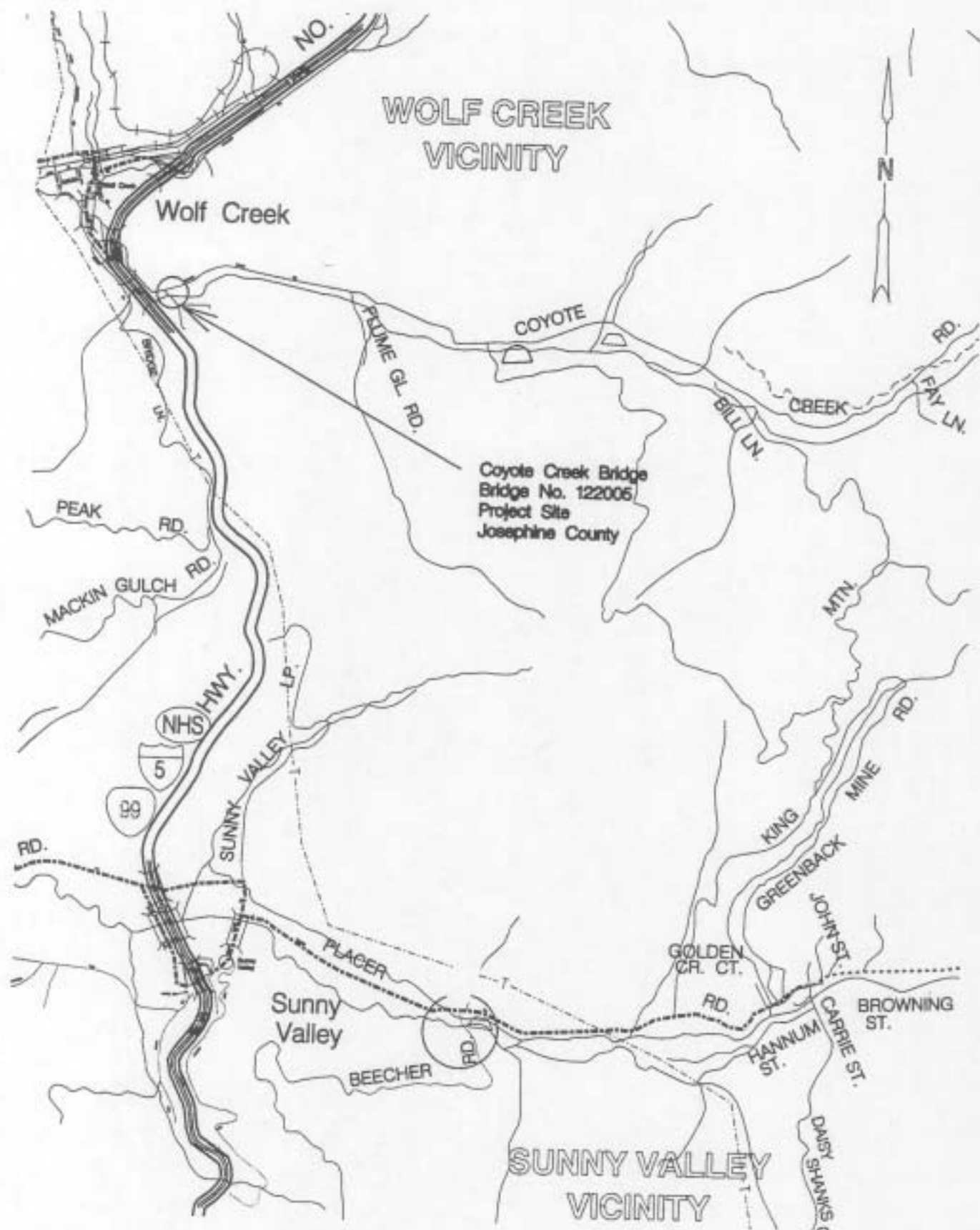
Item 19	Detour Length	
Item 26	Functional Classification	
Item 28	A Lanes on Structure	
Item 32	Approach Roadway Width	
Item 36	Traffic Safety Features	
Item 43	Structure Type, Main	
Item 51	Bridge Roadway Width	
Item 53	Vertical Clearance over Deck	
Item 54	Underclearance	
Item 55	Minimum Left	
Item 56	Minimum Right	
Item 100	Defense Highway Designation	

Items 58, 59, 60, 62, 67, 68, 69, 71 and 72 must be provided by a Certified Bridge Inspector, or a Licensed Professional Engineer. The inspector's evaluation must be included.

Item 58	Deck Condition	
Item 59	Superstructure Rating	
Item 60	Substructure Rating	
Item 62	Culverts	
Item 67	Structural Evaluation	
Item 68	Deck Geometry	
Item 69	Under-Clearance	
Item 71	Waterway Adequacy	
Item 72	Approach Road Alignment	

The Inventory Rating (Item 66) must be provided by a Licensed Professional Engineer, based on calculations following ODOT's Load Rating Guidelines. The engineer's calculations must be included.

Item 66	Inventory Rating	
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Looking east – upstream and at north abutment.



Looking north at northeast wingwall of the north abutment.



Looking at northwest wing wall of the north abutment.



Looking south at the south abutment.

Josephine County – Coyote Creek (Bloom Road) Bridge No. 122005



Looking south – ditch along west side of road and bridge in background.



Looking south – barn, shed, power pole, and access driveway to the east.

Josephine County – Coyote Creek (Bloom Road) Bridge No. 122005



Looking south past the bridge. House located approximately 90 feet on west side.



Looking north at the bridge from the south approach. Fence along east side.



Looking south – south abutment.



Looking west – downstream and at north abutment.

Josephine County – Coyote Creek (Bloom Road) Bridge No. 122005



Josephine County, Oregon

Board of Commissioners: Jim Brock, Harold L. Haugen, Jim Riddle

PUBLIC WORKS

Robert Weber, Director
201 River Heights Way / Grants Pass, OR 97527
(541) 474-5460 / FAX (541) 474-5472
TDD# 1(800) 735-2900

October 13, 2003

Mr. Bob Thompson, P.E.
Bridge Operations Engineer
Oregon Department of Transportation
355 Capital Street NE, Room 301
Salem, OR 97301-3871

Re: OTIA III Program

Mr. Thompson:

Currently Josephine County has five (5) bridges with a sufficiency rating less than fifty (50). Of these five (5), one (1) is scheduled for replacement under the HBRR program, one (1) is a single lane steel truss bridge on a low volume local county road (low sufficiency rating due to its functionality), and three (3) bridges presented to you now for replacement under the OTIA III program. These three (3) bridges are, in priority to Josephine County:

1. Jones Creek Bridge - NBIS 250005. SR 37.3. This bridge lies on Foothill Boulevard. A road that meets the definition of a regional freight route.
2. Coyote Creek Bridge - NBIS 122005. SR 36.4. This bridge lies on Bloom Road. Bloom Road is a dead end road providing access to nine (9) residential properties and commercial forest lands. *→ Bridge No. 980065*
3. Sucker Creek Bridge - NBIS 33c13. SR 41.8. This bridge lies on Holland Loop Road. This road provides access to Highway 46 for residential and commercial forest lands.

Please call me at (541) 474-5460 if you have any questions concerning this request.

Sincerely,

J. Steven Hodge, P.E.
County Engineer

SH/br

pc: Bridges - OTIA III Program file

G:\BRIDGES\OTIA III.wpd

ROADS BRIDGES DRAINAGE ENGINEERING SOLID WASTE FLEET BUILDINGS PROPERTY

"Josephine County is an Affirmative Action/Equal Opportunity Employer and complies with Section 504 of the Rehabilitation Act of 1973"

RECEIVED

OCT 14 2003

BRIDGE SECTION