



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Section: JP West Road Bridge No. 13751 S. Fk. Scappoose Creek		Key Number:		Jurisdiction:	
State Highway No.:		Highway Name:		Mile Point	
<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural		City: Scappoose	MPO:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	County: Columbia
Route No.:		NHS: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HPMS:	FC: UC	Applicant (if other than State): Columbia County Road Department
US Congressional District: First		State Senate District: First		State Representative District: First	
Cost Estimates (x \$ 1,000)		Project Components		Right Of Way	
Preliminary Engineering	\$79	Grading	Yes	Files (R)	4
Right Of Way	\$20	Paving	Yes	Hectares (R)	1
Utility Reimbursement	No	Structures	Yes	Relocations (R)	0
		Signing	No	Acquisitions (R)	4
Roadway	\$49	Signals	No	Easements (R)	0
Structures	\$274	Illumination	No	Work By: State / Consultant / Applicant	
Signals	\$0			Preliminary Engineering (S,C,A)	Consultant
Illumination	\$0			Construction Engineering (S,C,A)	Consultant
Temp. Protection	\$8			Right of Way Descriptions (S,C,A)	Consultant
Const. Contingencies	\$98			Right Of Way Acquisitions (S,C,A)	Consultant
Const. Engineering	\$59	Project Categories		Constructed By	
Remove Exist Bridge	\$17	Environmental Class (1, 2, 3, PCE)	2	<input checked="" type="checkbox"/> Contract	<input type="checkbox"/> County Force
Other	\$45	Design Category (1-7)	7	<input type="checkbox"/> State Force	<input type="checkbox"/> Other
Total CE and Construction:	\$550	Work Type Code (1-13)	5	<input type="checkbox"/> City Force	
Total Estimate:	\$ 649	Primary STIP Work Type:	5		
Recommended Let Date By Federal Fiscal Year (Quarter-Year):		1st-2006			
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 (R)	2	2	Bridge is classified Structurally Deficient with a sufficiency rating of 40.9. Parts of the timber substructure are severely rotten and some piles are split and crushing. Bridge is posted at 40 tons, restricting heavy truck traffic.		
Structures (R)	1	1			
Signals (R)	0	0			
Bike Way (R)	0	0			
Average Daily Traffic	500				
Year of ADT	2002				
Throughway Y/N	Yes		Describe Proposed Solution: - Attach Sketch Map		
			Construct a new precast prestressed single span concrete girder bridge on the same alignment.		
Prepared By:	Date:	OTC Approval Date:	Program Year:	Funding Amount:	
X Aaron Chubb	10/15/03				



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: JP West Road Bridge No. 13751 S. Fk. Scappoose Creek

Region:
1

Area:
0

District:
2A

Project Justification

Bridge is located within the city limits of Scappoose. JP West Road is the best route for large trucks to travel to the hills behind Scappoose. There is a lot of development occurring across the bridge and the weight restriction hinders truck movement and load capacity. At least one development has been put on hold until this bridge can be replaced.

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 Columbia

County

By:

By:

Dave Hill, Public Works Director

By:

By:

David Hill

By:

Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation

Bridge Prospectus Cost Estimate

		NBIS			
		Bridge No.			
Applicant:	Columbia County Road Depart	13751			
Project /	JP West Road Bridge No. 13751	Region:	Area:	District:	
Section	S. Fk. Scappoose Creek	1	0	2A	
New Bridge / Roadway Configuration:			Existing Bridge:		
Left Side Rail	1.5 feet	Bridge Length	50 feet		
Left Sidewalk	5 feet	Bridge Width	26.2 feet		
Shoulder	4 feet	Area	1310 square ft.		
Lane 2	0 feet				
Lane 1	12 feet	New AC Top Width	39 feet		
--CL--	0 feet	New AC Depth	4 inches		
Lane 1	12 feet	New Base Depth	12 inches		
Lane 2	0 feet	Project Length	160 feet		
Shoulder	4 feet	Net Road Work Length	100 feet		
Right Sidewalk	5 feet	X-S Side Slope	3:01		
Right Side Rail	1.5 feet	AC Avg Width	40 feet		
		Base Avg Width	43 feet		
Bridge Length	70 feet	Asphalt Density	150 pounds/ cu ft		
Bridge Width	45 feet	Base Density	120 pounds/ cu ft		
New Area	3150 square ft.	New AC Received	100 tons		
		New Base Required	258 tons		
COST ESTIMATE:					
	Quantity	Unit	Price per unit	Cost (\$x1000s)	
Right-of-Way	1	Acre	\$ 20,000	\$20	
==Roadway==					
Clear & Grub	\$ 6,675	lump sum		\$7	
General Excavation	80	cubic yards	\$ 12.00	\$1	
Embankment in Place	180	cubic yards	\$ 12.00	\$2	
Pavement Removal	6,400	square feet	\$ 0.45	\$3	
Aggregate Base	258	tons	\$ 16.00	\$4	
Asphalt Concrete	100	tons	\$ 56.00	\$6	
Riprap	222	cubic yards	\$ 50.00	\$11	
Guardrail, Type 2A	100	feet	\$ 11.50	\$1	
Guardrail, Type 3	50	feet	\$ 38.00	\$2	
Guardrail Trans	4	feet	\$ 1,600.00	\$6	
Flared Terminals	4	each	\$ 1,600.00	\$6	
Subtotal Roadway				\$49	
Structures	3,150	square feet	\$ 87.00	\$274	
Signals	\$ -	lump sum		\$0	
Illumination	\$ -	lump sum		\$0	
Temporary Protection	\$ 8,085	lump sum		\$8	
Remove Existing Bridge	\$ 1,310	square feet	13	\$17	
Staged Construction	\$ -	lump sum		\$0	
Mob & Erosion Cntrl	44,655	lump sum		\$45	
Subtotal Structures				\$344	
Subtotal Construction				\$393	
==Engineering==					
Construction Engineering	15	percent of construction		\$59	
Contingency	25	percent of construction		\$98	
Subtotal Const. Eng.				\$157	
Preliminary Engineering					
Consultant	18	percent of construction		\$71	
State	1	percent of construction		\$4	
County	1	percent of construction		\$4	
Subtotal PE				\$79	
Total Estimate				\$649	

Bridge Project Prospectus Additional Bridge Information

Applicant: Columbia County Road Department		NBIS Bridge Number: 13751					
Project Name / Section: JP West Road Bridge No. 13751 S. Fk. Scappoose Creek		Region: 1	Area: 0				
		District: 2A					
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 style="width: 50px;" type="text" value="0"/></td> <td><input style="width: 50px;" type="text" value="10"/></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 style="width: 50px;" type="text" value="0"/>	<input style="width: 50px;" type="text" value="10"/>	Detour Detour Route: Length: <input style="width: 50px;" type="text" value="4"/> Map: (Please attach map)	
Existing	Proposed						
Truck AADT: <input style="width: 50px;" type="text" value="0"/>	<input style="width: 50px;" type="text" value="10"/>						
Regional Freight Corridor Analysis: Most trucks wishing to cross this bridge are related to the expanding residential developments occurring in Scappoose, more so than timber harvests west of Scappoose.							
Special Consideration: The City of Scappoose wants to build some public facilities on the other side of this bridge, but must wait until the load restriction has been lifted.							

JP West Rd 13751



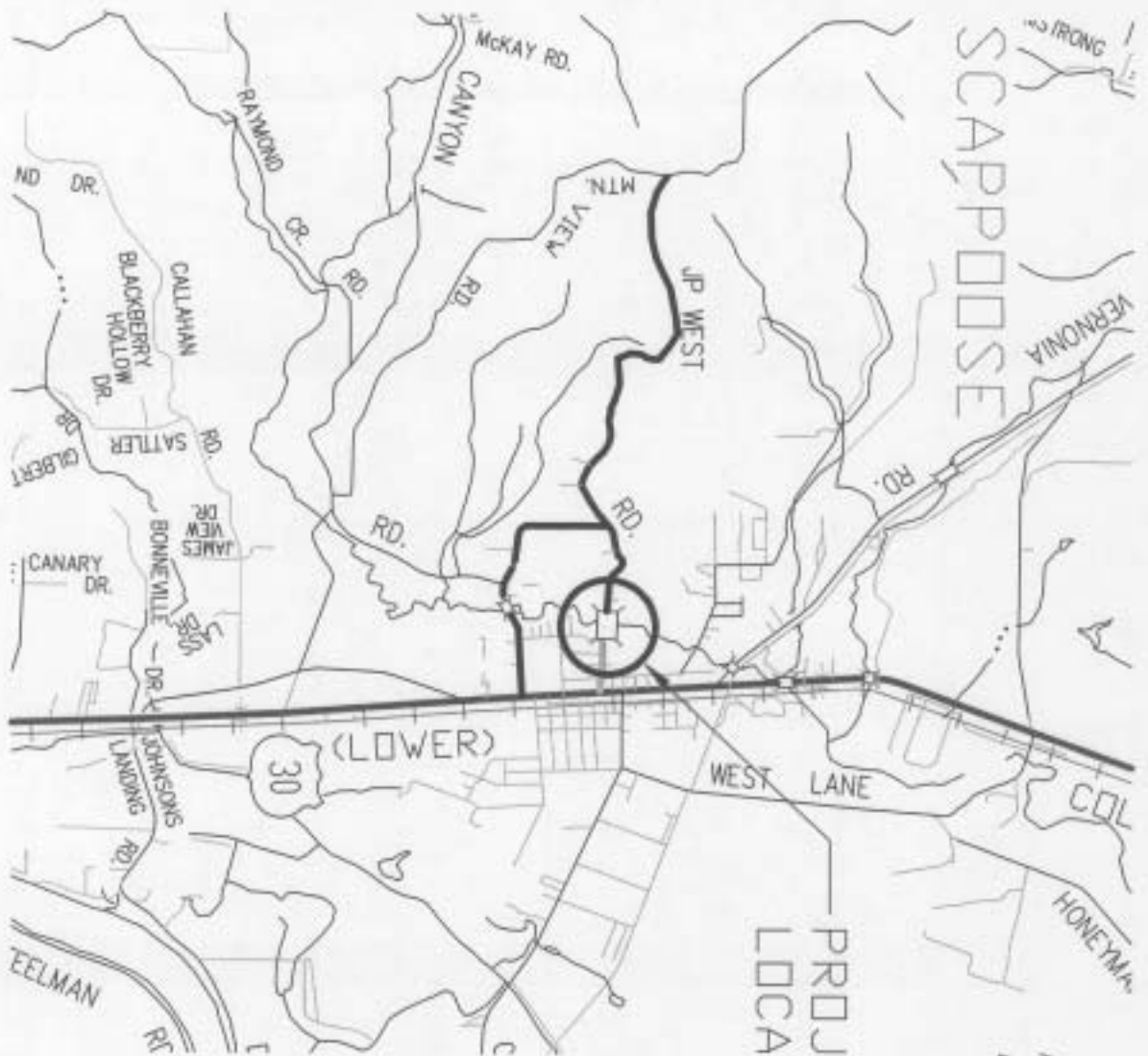
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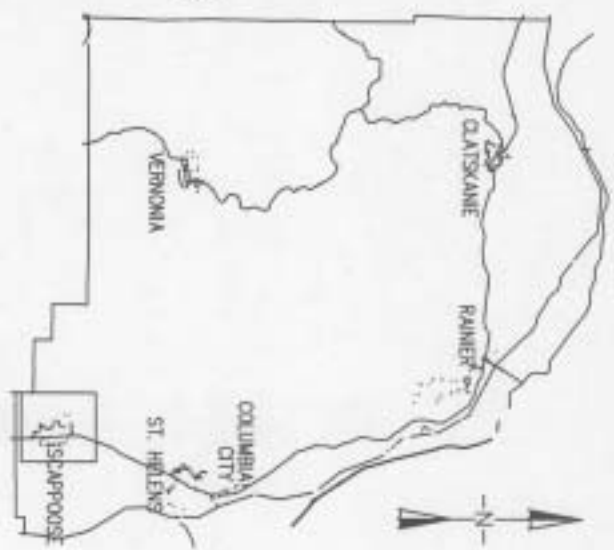
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MVC-420F.JPG



PROJECT
LOCATION



DETOUR LENGTH: 4 MILES
 JP WEST RD TO HWY 30 TO EM WATTS
 RD TO KEYS RD TO JP WEST RD.
 FREIGHT ROUTE: JP WEST RD TO HWY
 30.

DATE: SEP 24, 2003
 DRAWN BY: A. CLODFELTER
 CHECKED BY: A. CLODFELTER



LOCATION MAP
 BRIDGE 13751
 SHEET, 1/1