



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

										Key Number:		Jurisdiction:			
Section: Tualatin River (NE 33rd Avenue Ramp) Bridge #2567										Region: 1		Area:		District: 2A	
State Highway No.:		Highway Name:				Mile Point			Length: (mi) (km)						
						From: 13.58 To: 13.67			0.09						
<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural		City:	MPO:	<input type="checkbox"/> Within UGB <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	County: Clackamas		Road/Street Name: Stafford Road							
Route No.:		NHS <input type="checkbox"/> YES <input type="checkbox"/> NO	HPMS:	FC: 07	Applicant (if other than State): Clackamas County										
US Congressional District: 5				State Senate District: 19				State Representative District: 37							
Cost Estimates (x \$ 1,000)			Project Components				Right Of Way								
Preliminary Engineering		\$627		Grading		<input checked="" type="checkbox"/>	Files	(#)	4						
Right Of Way		\$40		Paving		<input checked="" type="checkbox"/>	Hectares	(#)							
Utility Reimbursement				Structures		<input checked="" type="checkbox"/>	Relocations	(#)	0						
				Signing			Acquisitions	(#)							
Roadway		\$667		Signals			Easements	(#)	4						
Structures		\$3,185		Illumination			Work By: State / Consultant / Applicant:								
Signals		\$0					Preliminary Engineering	(S,C,A)	C						
Illumination		\$0					Construction Engineering	(S,C,A)	C,A						
Temp. Protection		\$59					Right of Way Descriptions	(S,C,A)	C						
Const. Contingencies		\$1,213					Right Of Way Acquisitions	(S,C,A)	C						
Const. Engineering		\$404		Project Categories				Constructed By							
Remove Exist Bridge		\$132		Environmental Class (1, 2, 3, PCE)		2	<input checked="" type="checkbox"/> Contract	<input type="checkbox"/> County Force							
Other		\$0		Design Category (1-7)		7	<input type="checkbox"/> State Force	<input type="checkbox"/> Other							
Total CE and Construction:		\$5,662		Work Type Code (1-13)		5	<input type="checkbox"/> City Force								
Total Estimate:		\$ 6,329		Primary 5TIP Work Type:											
Recommended Let Date By Federal Fiscal Year (Quarter-Year):										2nd-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 (#)	2	2	This structure exhibits moderate deterioration in several elements including checks in timber piles, rotated bearings, and possible pier rotation or settlement at Bent 6. The bridge has a sufficiency rating of 46.80.												
Structures (#)	1	1													
Signals (#)	0	0													
Bike Way (#)	0	2													
Average Daily Traffic	13626	13626													
Year of ADT	2000	2003													
Throughway	Y/N														
										Describe Proposed Solution: - Attach Sketch Map					
										Replace the bridge with a new structure.					
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:

Tualatin River (NE 33rd Avenue Ramp) Bridge #2567

Region:

1

Area:

0

District:

2A

Project Justification

This structure exhibits moderate deterioration in several elements including checks in timber piles, rotated bearings, and possible pier rotation or settlement at Bent 6. The bridge has a sufficiency rating of 46.80. The bridge serves as a regional freight corridor connecting Interstate Highway 205 and Oregon State Highway 43 to multiple industrial sites and distribution centers, as well as future sites where jobs may be created.

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 Clackamas

County

By:

By:

Stephen Maltby, P.E.

By:

By:

Michael B. Bezner, P.E.

By:

Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation

HBRR BRIDGE PROSPECTUS COST ESTIMATE

Bridge Name	Tualatin R (33rd Avenue Ramp) Bridge		Bridge No.	2567	Note: inputs are shaded
NEW BRIDGE/ROADWAY CONFIG			OLD BRIDGE CONFIG		
LEFT SIDEWALK	6.00	ft	LENGTH	460.00	ft
BIKE LANE/SHOULDER	6.00	ft	WIDTH	28.80	ft
LANE 2		ft			
LANE 1	12.00	ft	AREA	13248.00	sf
----- CL -----					
LANE 1	12.00	ft	NEW AC WIDTH	48.00	ft
LANE 2		ft	NEW AC DEPTH	6.00	in
BIKE LANE/SHOULDER	6.00	ft	NEW BASE DEPTH	16.00	in
RIGHT SIDEWALK	6.00	ft	PROJ LENGTH	675.00	ft
RAIL (EA. SIDE)	2.00	ft	NET ROWK LENGTH	200.00	ft
NEW BRIDGE WIDTH	52.00	ft	BASE SIDE SLOPE	3	-1
NEW BRIDGE LENGTH	475.00	ft	ASPHALT DENSITY	146	pcf
NEW BRIDGE AREA	24700.00	ft ²	BASE DENSITY	142.00	pcf
			NEW AC REQ'D	650.92	tons
			BASE AVG WIDTH	52.00	ft
			NEW BASE REQ'D	984.53	tons

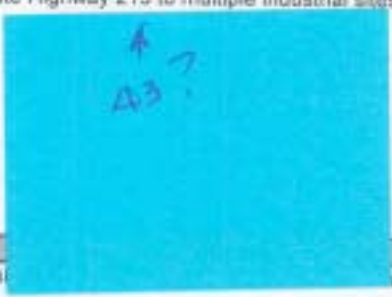
Outside UBB, why sidewalks

too wide

COST ESTIMATE

	QTY	UNIT	PRICE	COST	\$(000'S) ROUNDED
RIGHT-OF-WAY	1	Lump Sum	\$40,000.00	\$40,000	40
ROADWAY					
MOBILIZATION	1	Lump Sum	\$362,279.05	\$362,279	362
EROSION CONTROL	1	Lump Sum	\$21,068.39	\$21,068	21
DETOUR ROAD	1	Lump Sum	\$50,000.00	\$50,000	50
CLEAR & GRUB	1	Lump Sum	\$17,332.01	\$17,332	17
TEMP. SIGNS	400	ft ²	\$20	\$8,000	8
TEMP. BARRICADES	20	Each	\$150	\$3,000	3
GENERAL EXCAVATION	1,500	CY	\$15	\$22,500	23
EMBANKMENT IN PLACE	1,500	CY	\$20	\$30,000	30
PAVEMENT REMOVAL	1,000	SY	\$10	\$10,000	10
AGGREGATE BASE	985	tons	\$15	\$14,768	15
ASPHALT CONCRETE	651	tons	\$35	\$22,782	23
RIPRAP	200	CY	\$60	\$12,000	12
GUARDRAIL, TYPE 2A		ft			
GUARDRAIL, TYPE 3	120	ft	\$40	\$4,800	5
GUARDRAIL TRANS	4	Each	\$1,750	\$7,000	7
G. RAIL TERMINAL, FLARED	4	Each	\$1,700	\$6,800	7
MITIGATION	1	Lump Sum	\$75,000	\$75,000	75
			SUBTOTAL ROADWAY	\$667,320	667
STRUCTURES, SIGNALS & ILLUMINATION					
STRUCTURES	24,700	ft ²	\$125	\$3,087,500	3,088
CONC. BR RAIL, TYPE F	950	ft	\$75	\$71,250	71
BRIDGE END PANELS	1,560	ft ²	\$17	\$26,520	27
			SUBTOTAL STRUCTURES	\$3,185,270	3,186
CONSTRUCTION					
TEMP. PROTECTION	0.15	Lump Sum	\$396,346.96	\$59,452	59
REMOVE EXIST. BRIDGE	13,248	ft ²	\$10	\$132,480	132
SIGNALS		Lump Sum			
ILLUMINATION		Lump Sum			
			SUBTOTAL CONSTRUCTION	\$4,044,522	4,045
CONSTRUCTION ENGINEERING					
CONTINGENCIES	30 % OF	4,044,522		\$1,213,356	1,213
CE	10 % OF	4,044,522		\$404,452	404
			TOTAL CONSTRUCTION	\$5,662,330	5,662
PRELIMINARY ENGINEERING					
CONSULTANT	12.0 % OF	4,044,522		\$485,343	
STATE	2.0 %			\$80,890	
COUNTY	1.5 %			\$60,668	
TOTAL PE				\$626,901	627
			TOTAL ESTIMATE	\$6,329,231	6,329

Bridge Project Prospectus Additional Bridge Information

Applicant: Clackamas County		NBIS Bridge Number: 0						
Project Name / Section: Tualatin River (NE 33rd Avenue Ramp) Bridge #2567		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 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; text-align: center;" type="text" value="700"/></td> <td><input style="width: 50px; text-align: center;" type="text" value="700"/></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; text-align: center;" type="text" value="700"/>	<input style="width: 50px; text-align: center;" type="text" value="700"/>	Detour Detour Route: Length: <input style="width: 50px; text-align: center;" type="text" value="9.6 mi"/> Map: (Please attach map)
Existing	Proposed							
Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="700"/>	<input style="width: 50px; text-align: center;" type="text" value="700"/>							
Regional Freight Corridor Analysis:								
This bridge serves as a regional freight corridor connecting Interstate Highway 205 and Oregon State Highway 213 to multiple industrial sites and distribution centers, as well as future sites where jobs may be created.								
								
Special Consideration:								
This bridge connects Interstate Highway 205 and Oregon State Highway 213 to multiple industrial sites where jobs may be created.								



