



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

						Key Number:		Jurisdiction:			
Section: East Creek (Moon Cr Rd) Br #57C45						Region: 2		Area: 1		District: 1	
State Highway No.:		Highway Name:				Mile Point		Length: (mi)		(km)	
						From: 0.35 To: 0.47				0.12	
<input type="checkbox"/> Urban		City:		MPO:		<input type="checkbox"/> Yes		County:		Road/Street Name:	
<input checked="" type="checkbox"/> Rural				Within UGB		<input checked="" type="checkbox"/> No		Tillamook		Moon Creek Road	
Route No.:		NHS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HPMS:		FC:		Applicant (If other than State): Tillamook County			
US Congressional District:				State Senate District:				State Representative District:			
Cost Estimates (x \$ 1,000)				Project Components				Right Of Way			
Preliminary Engineering		\$85		Grading		X		Files (#)		4	
Right Of Way		\$20		Paving		X		Hectares (#)		1	
Utility Reimbursement				Structures		X		Relocations (#)		0	
				Signing				Acquisitions (#)		4	
Roadway		\$97		Signals				Easements (#)			
Structures		\$196		Illumination				Work By: State / Consultant / Applicant			
Signals		\$0						Preliminary Engineering (S,C,A)		C	
Illumination		\$0						Construction Engineering (S,C,A)		C	
Temp. Protection		\$8						Right of Way Descriptions (S,C,A)		C	
Const. Contingencies		\$96						Right Of Way Acquisitions (S,C,A)		C	
Const. Engineering		\$58		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		\$79		Design Category (1-7)		7		<input type="checkbox"/> State Force		<input type="checkbox"/> Other	
Total CE and Construction:		\$540		Work Type Code (1-13)		5		<input type="checkbox"/> City Force			
Total Estimate:		\$ 645		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 (#)		2	2	The East Creek Bridge is a timber stringer bridge with a nail-laminated deck that is structurally deficient with rotten timber members. Visible deflection of the deck can be seen when any vehicle travels across the bridge. Tillamook County anticipates heavy use of this route when the Tillamook State Forest is ready for harvest in the next few years. Several years ago, the bridge was posted. However, with ODOT's current method of calculating load ratings, the county removed the posting.							
Structures (#)		1	1								
Signals (#)		0	0								
Bike Way (#)		0	0								
Average Daily Traffic		150	239								
Year of ADT		1999	2025								
Throughway Y/N		N	N	Describe Proposed Solution: - Attach Sketch Map							
				Stage construct a new precast prestressed single-span concrete slab bridge to the upstream side of the existing bridge.							
Prepared By:				Date:		OTC Approval Date:		Program Year:		Funding Amount:	
X											



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: East Creek (Moon Cr Rd) Br #57C45

Region:

2

Area:

1

District:

1

Project Justification

East Creek Bridge used to be load rated prior to a change in ODOT bridge load rating evaluation procedures several years ago. Previously heavy load users used to be required to brace underside to allow the loads to cross the bridge (this included oversize logging related traffic such as yarders). Tillamook County Public Works continues to tightly monitor heavy and oversize loads requesting to go over this bridge.

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 TILLAMOOK

County

By:

By:

Aaron Suko, Public Works Director

By:

By:

By:

Applicable Intergovernmental Agreements:

IGA Number:

Jurisdiction Name:

Agreement Date:

Administrative Recommendation

Bridge Prospectus Cost Estimate

Applicant:		NBIS			
Project / Section		Tillamook County East Creek (Moon Cr Rd) Br #57C45		Bridge No. 57C45	
		Region: 2		Area: 1	
				District: 1	
<u>New Bridge / Roadway Configuration:</u>			<u>Existing Bridge:</u>		
Left Side Rail	1.5 feet	Bridge Length	34 feet		
Left Sidewalk	feet	Bridge Width	24 feet		
Shoulder	4 feet	Area	816 square ft.		
Lane 2	feet				
Lane 1	11 feet	New AC Top Width	33 feet		
---CL---	0 feet	New AC Depth	4 inches		
Lane 1	11 feet	New Base Depth	12 inches		
Lane 2	0 feet	Project Length	655 feet		
Shoulder	4 feet	Net Road Work Length	600 feet		
Right Sidewalk	0 feet	X-Sect Side Slope	3 : 1		
Right Side Rail	1.5 feet	AC Avg Width	34 feet		
		Base Avg Width	38 feet		
Bridge Length	55 feet	Asphalt Density	150 pounds/ cu ft		
Bridge Width	33 feet	Base Density	120 pounds/ cu ft		
New Area	1815 square ft.	New AC Received	510 tons		
		New Base Required	1368 tons		
COST ESTIMATE:					
	Quantity	Unit	Price per unit	Cost (\$x1000s)	
Right-of-Way	1	Acre	\$ 20,000	\$20	
==Roadway==					
Clear & Grub	\$ 5,977	lump sum		\$6	
General Excavation	190	cubic yards	\$ 12.00	\$2	
Embankment in Place	1,090	cubic yards	\$ 12.00	\$13	
Pavement Removal		square feet	\$ 0.45	\$0	
Aggregate Base	1,368	tons	\$ 16.00	\$22	
Asphalt Concrete	510	tons	\$ 56.00	\$29	
Riprap	187	cubic yards	\$ 50.00	\$9	
Guardrail, Type 2A	100	feet	\$ 11.50	\$1	
Guardrail, Type 3	50	feet	\$ 38.00	\$2	
Guardrail Trans	4	each	\$ 1,600.00	\$6	
Flared Terminals	4	each	\$ 1,600.00	\$6	
Subtotal Roadway				\$97	
Structures	1,815	square feet	\$ 108.00	\$196	
Signals	\$ -	lump sum		\$0	
Illumination	\$ -	lump sum		\$0	
Temporary Protection	\$ 7,500	lump sum		\$8	
Remove Existing Bridge	816	square feet	\$ 7.25	\$6	
Mobilization	\$ 34,700	lump sum		\$35	
Erosion Ctrl / Restortation	\$ 5,900	lump sum		\$6	
Detour Bridge	1540	square feet	\$ 25.00	\$39	
Subtotal Structures				\$289	
Subtotal Construction				\$386	
==Engineering==					
Construction Engineering	15	percent of construction		\$58	
Contingency	25	percent of construction		\$96	
Subtotal Const. Eng.				\$154	
Preliminary Engineering					
Consultant	20	percent of construction		\$77	
State		percent of construction		\$0	
County	2	percent of construction		\$8	
Subtotal PE				\$85	
Total Estimate				\$645	

Bridge Project Prospectus Additional Bridge Information

Applicant: Tillamook County		NBIS Bridge Number: 57C45		
Project Name / Section: East Creek (Moon Cr Rd) Br #57C45		Region: 2	Area: 1	District: 1
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 Existing Proposed Truck AADT: <input type="text" value="30"/> <input type="text" value="NA"/> 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="99"/> Map: (Please attach map)	

Regional Freight Corridor Analysis:

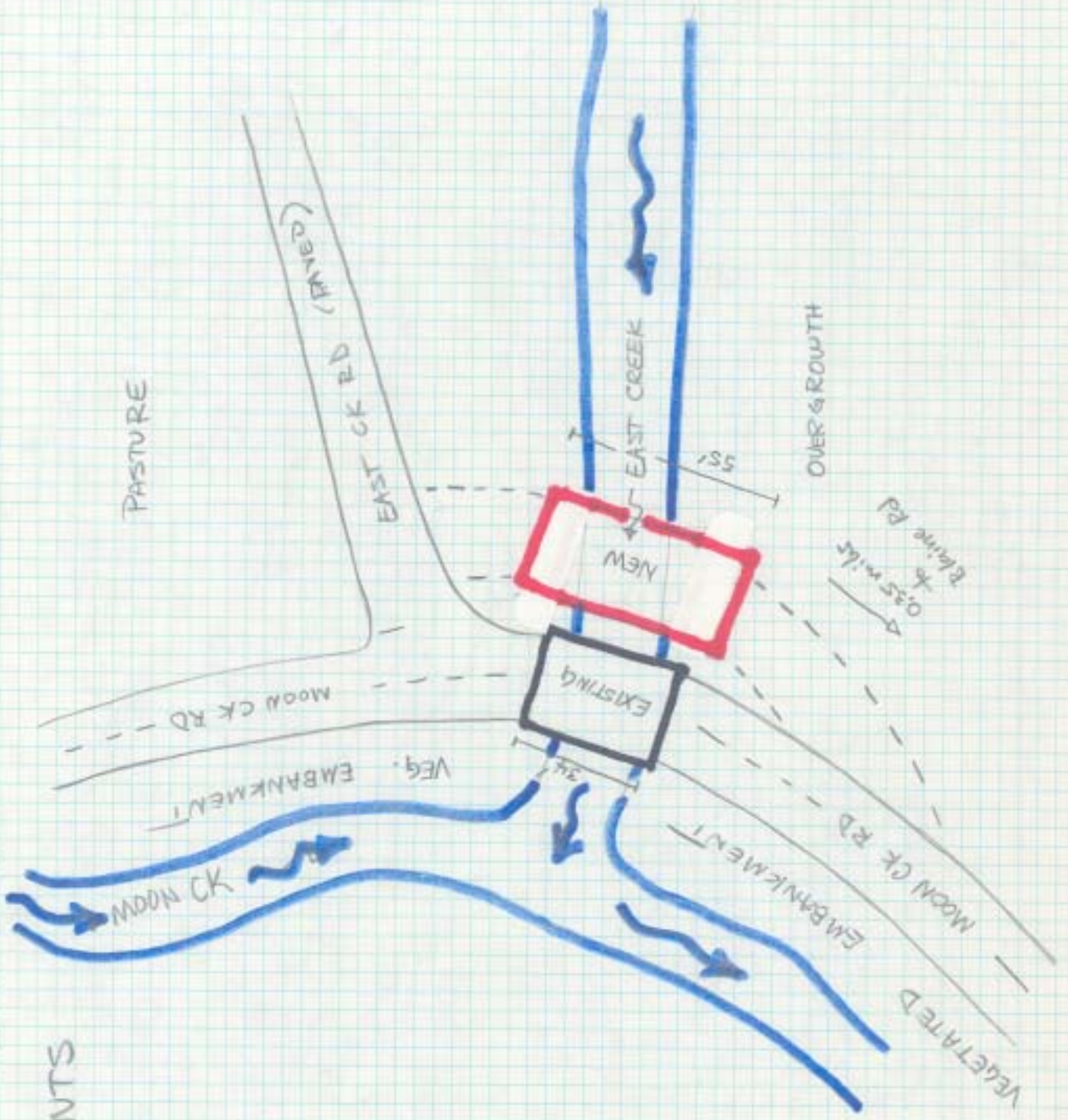
In addition to 2 dairy farmers further up Moon Creek Road, as evidenced by past oversize load reviews, there is ongoing logging activity up East Creek Road out of the federal and private timber lands. County reviews several oversize load request each years for logging outfits mobilizing or demobilizing for major timber hauls over this bridge.

Special Consideration:

EAST CREEK BRIDGE (*57C45)

SKETCH MAP

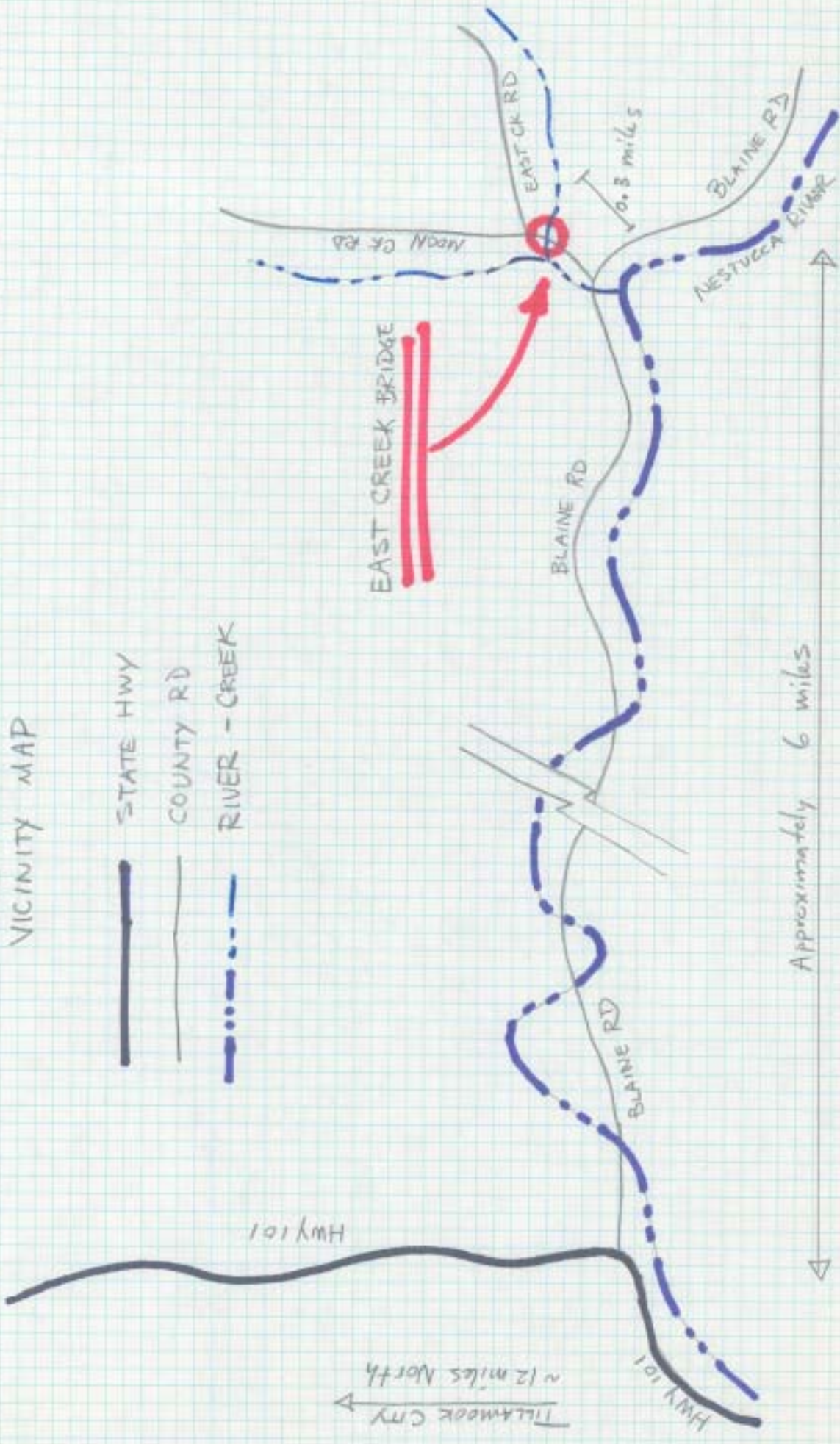
NTS



TILLAMOOK COUNTY OTIA III BRIDGE REPLACEMENT FUNDING APPLICATION
 EAST CREEK BRIDGE over East CK (#57045)
 MOON CREEK RD, Milepost 0.35

VICINITY MAP

-  STATE HWY
-  COUNTY RD
-  RIVER - CREEK

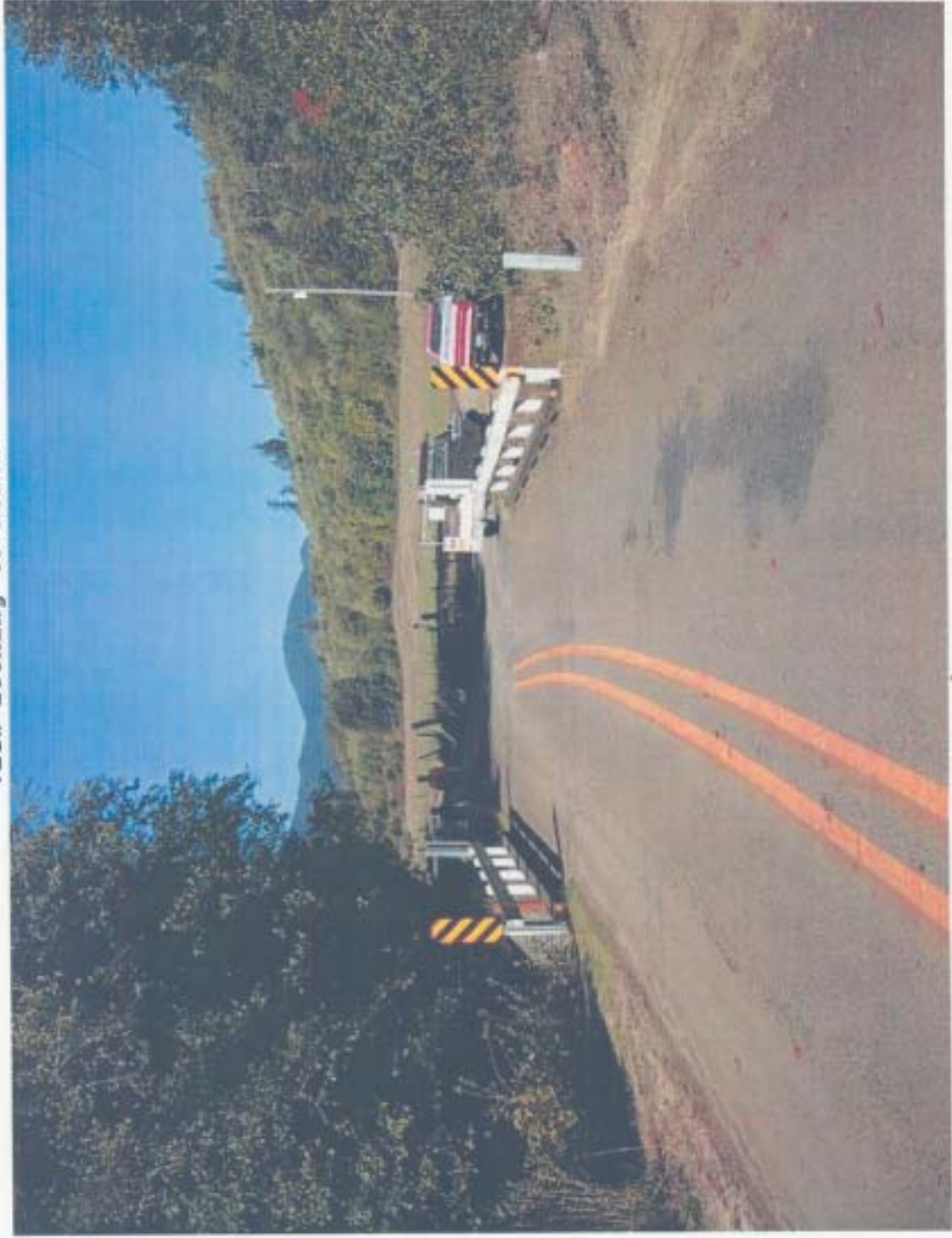


EAST CK RD + Moon Ck RD considered
 Freight Corridor for outgoing
 resources to Blaine Rd/Hwy 101
 and Tillamook

NTS

TILLAMOOK COUNTY OTIA III BRIDGE REPLACEMENT FUNDING APPLICATION

East Creek Bridge (#57C45)
Moon Creek Road, Milepost 0.35
View looking to North



TILLAMOOK COUNTY OTIA III BRIDGE REPLACEMENT FUNDING APPLICATION

East Creek Bridge (#57C45)

Moon Creek Road, Milepost 0.35

View looking to South



TILLAMOOK COUNTY OTIA III BRIDGE REPLACEMENT FUNDING APPLICATION

East Creek Bridge (#57C45)

Moon Creek Road, Milepost 0.35

View looking to Northwest



TILLAMOOK COUNTY OTIA III BRIDGE REPLACEMENT FUNDING APPLICATION

East Creek Bridge (#57C45)

Moon Creek Road, Milepost 0.35

View looking to Southeast





Land of Cheese, Trees and Ocean Breeze

TILLAMOOK COUNTY
PUBLIC WORKS DEPARTMENT
503 Marolf Loop, Tillamook, OR 97141

(503) 842-3419
FAX: 842-6473

TDD-NONVOICE
Oregon Relay Service

October 15, 2003

ODOT Bridge Section
Attn: Bob Thompson
355 Capitol Street NE, Room 301
Salem, OR 97301

01355A
57C45
11380A
57C28
57C35
57C29

RE: Request for Local Bridge Projects
OTIA III Project Funding Applications

Dear Mr. Thompson,

Please find enclosed 6 bridge funding applications for OTIA III
(Oregon Transportation Investment Act).

County priority order for the applications is attached.

If you have any questions on the applications, points of contact
at this office are Pat Oakes (Engineering Project Supervisor) or
myself.

Sincerely,

Aaron D. Suko, P.E.
Director of Public Works

RECEIVED
OCT 15 2003
BRIDGE SECTION

Encl: Priority Order List
6 Bridge Applications (as indicated on Priority List)

cc: File
Region 2 Local Programs, Attn: Alan Lively