

Road Department

61150 SE 27th St. • Bend, Oregon 97702
(541) 388-6581 • FAX (541) 388-2719

MEMORANDUM

Date: June 29, 2015

To: Board of County Commissioners

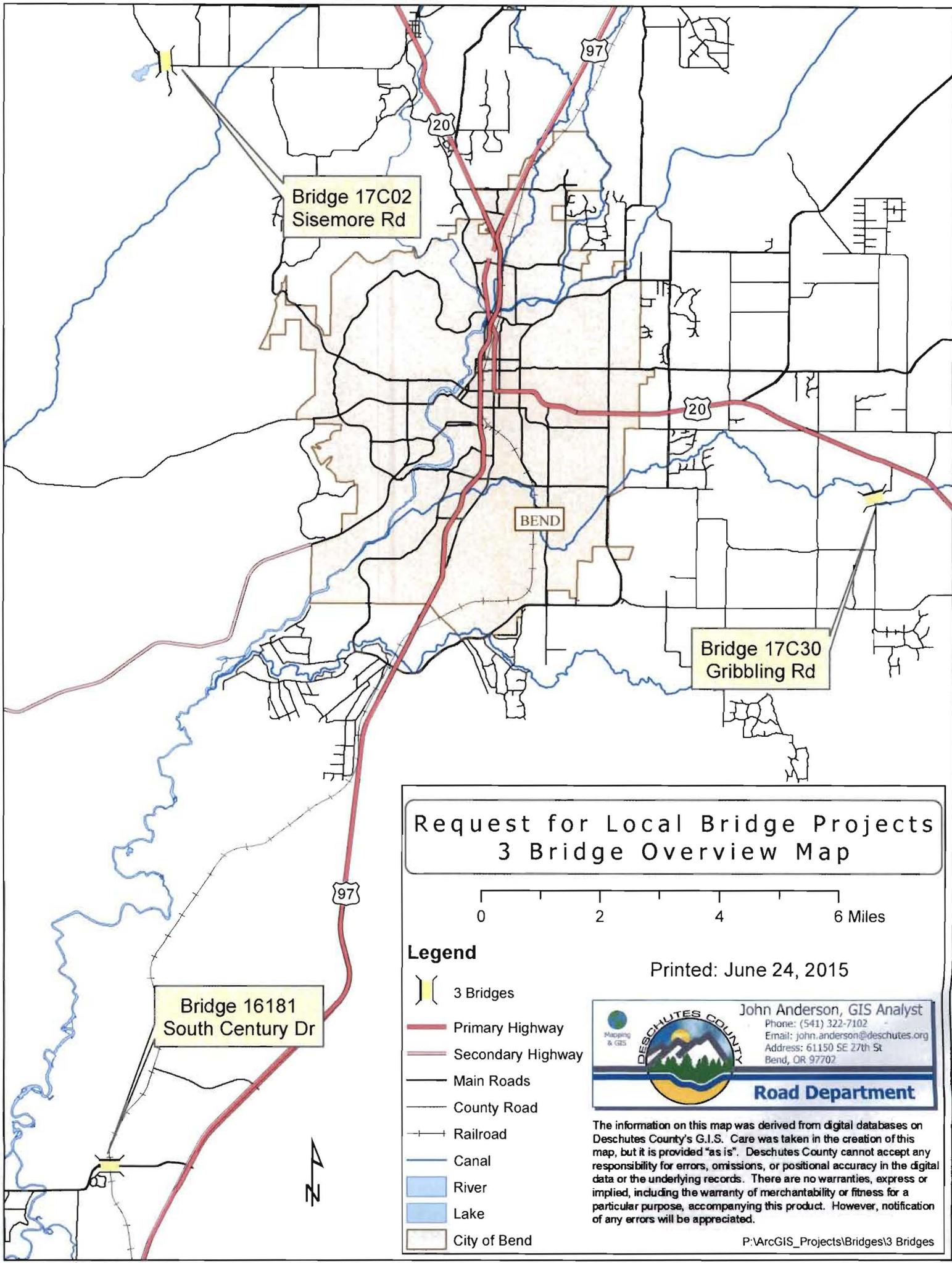
From: George Kolb, County Engineer

RE: Request for bridge replacement funding through the MAP21, Local Bridge Program (LBP) program

The Deschutes County Road Department is planning on submitting three (3) bridges for consideration of funding under the Moving Ahead for Progress in the 21st Century Act (MAP21), Local Bridge Program. If selected, the County will be responsible for a match of 10.27% of the total project cost. The bridges that are being proposed for funding are:

1. Bridge 17C02, Couch Lateral, Sisemore Road: This bridge has serious spalling issues throughout the structure caused by a drainage system installed when the bridge was built that is no longer functioning. Cost of the repair is estimated at \$289,000 with grant funds providing \$259,320 and the County providing a match of \$29,680.
2. Bridge 17C30, COID Canal, Gribbling Road: This bridge was originally a wooden structure that failed when an over-weight load crossed the structure. A temporary structure consisting steel beams with a wooden deck has been in place for the past 19 years. It is loaded rated for 5 tons and does not allow crossing of the canal by emergency services vehicles. Cost of the repair is estimated at \$473,000 with grant funds providing \$424,400 and the County providing a match of \$48,600.
3. Bridge 16181, South Century Drive over BNSF overcrossing: This bridge has concrete guardrails that have severely deteriorated over time exposing the rebar and creating a safety hazard. This project will consist of removing the deteriorated concrete and replacing with new. Existing guardrail will also be updated to current AASHTO standards. Cost of the repair is estimated at \$167,000 with grant funds providing \$149,850 and the County providing a match of \$17,150.

The Road Department wants to run these projects by the Board for approval prior to submittal to ODOT



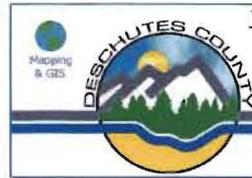
Request for Local Bridge Projects 3 Bridge Overview Map



Legend

- 3 Bridges
- Primary Highway
- Secondary Highway
- Main Roads
- County Road
- Railroad
- Canal
- River
- Lake
- City of Bend

Printed: June 24, 2015

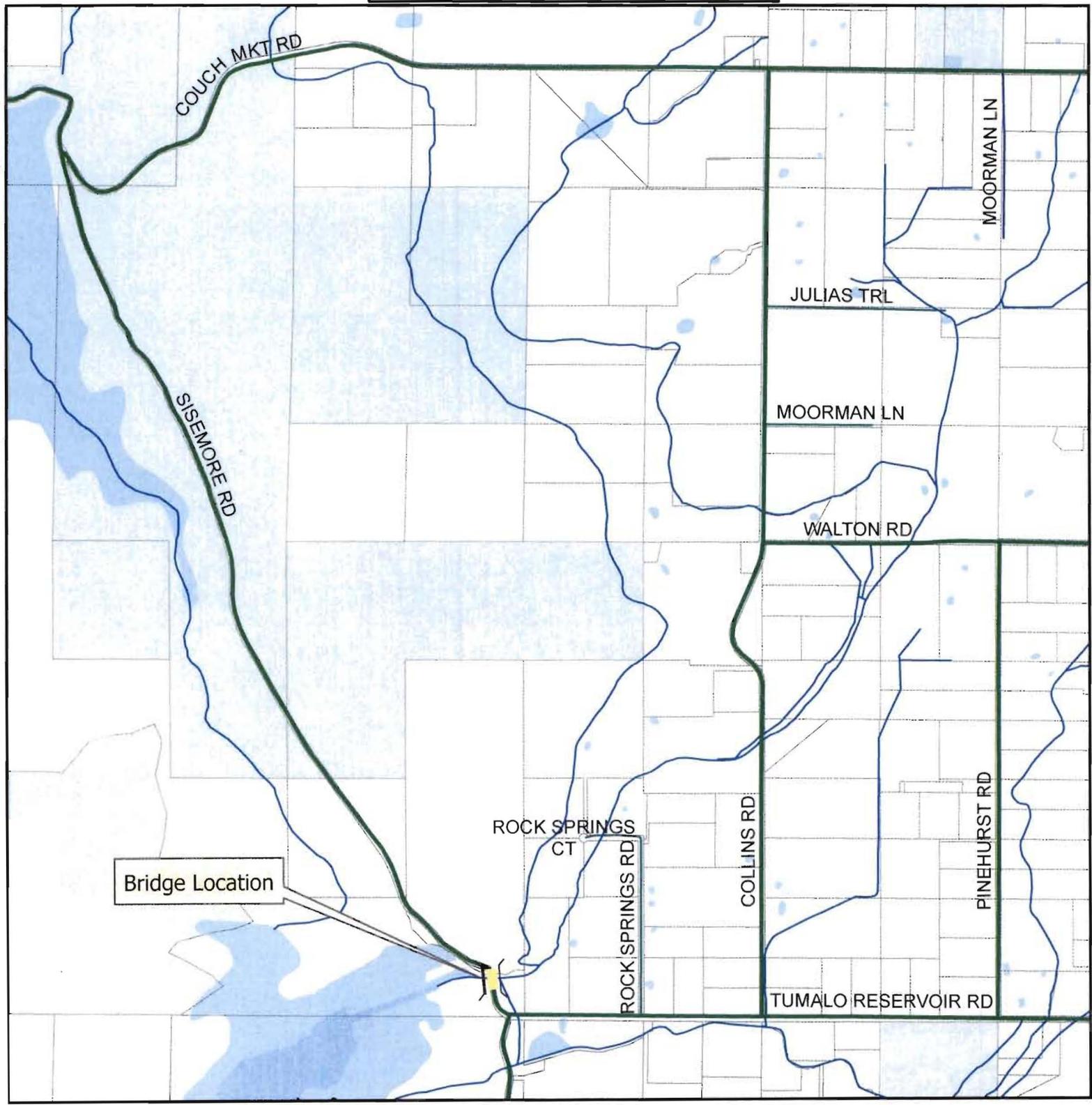


John Anderson, GIS Analyst
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 Address: 61150 SE 27th St
 Bend, OR 97702

Road Department

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Sisemore Bridge Rehabilitation



0 0.25 0.5 0.75 1 Miles

Legend

-  Sisemore Bridge
-  County Routes
-  Taxlots
-  Waterway
-  Lake
-  Floodplain
-  Wetlands
-  Public Land



Printed:
May 4, 2015



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Oregon Department of Transportation
Highway Division
Bridge Operations Section
Local Agency Bridge Photos

Bridge No.: 17C02
Deschutes County
Date: March 2003



Spall at downstream end Bent 2



Spall with exposed rebar at downstream Span 2 soffit

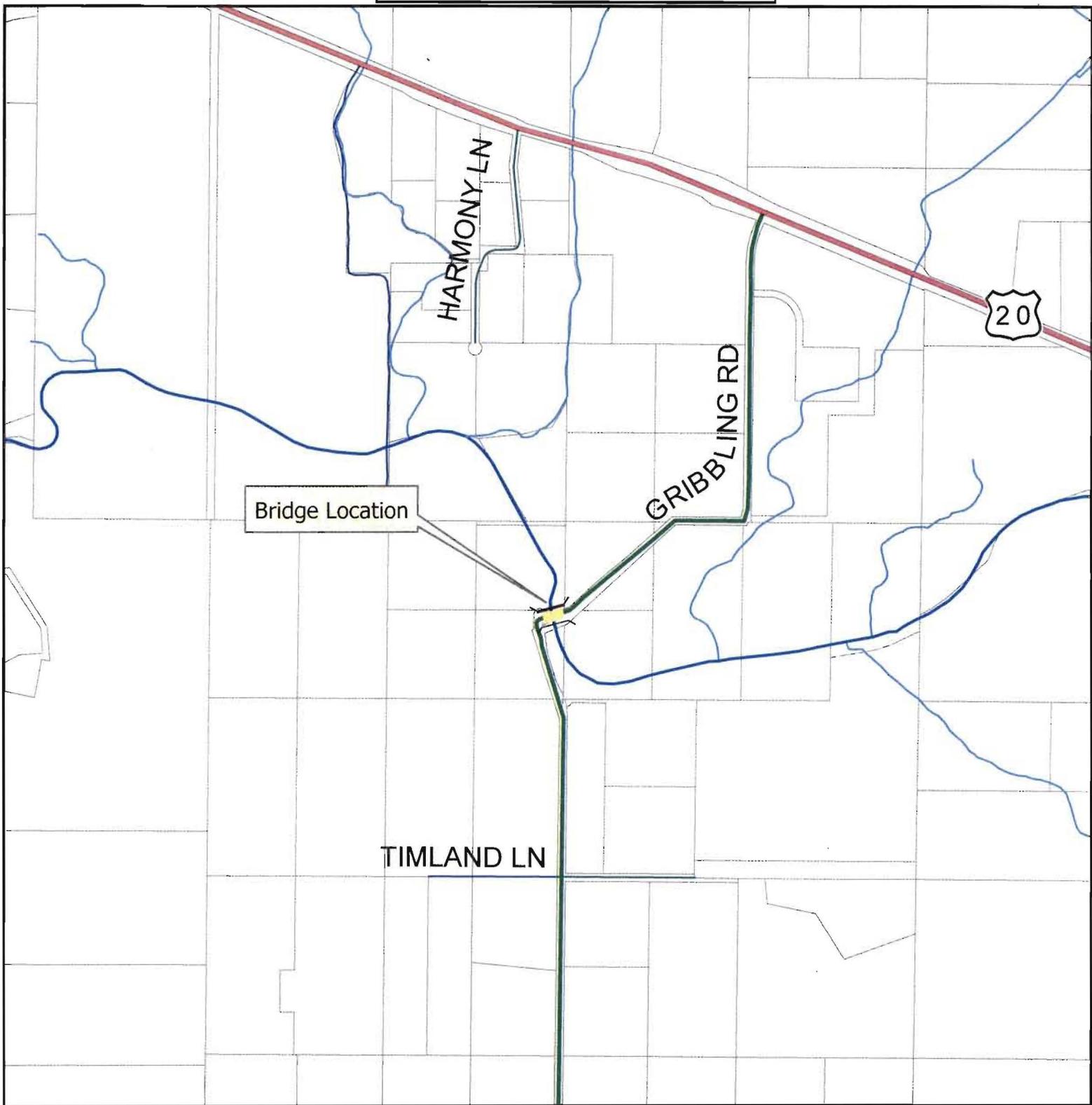


Anderson Engineering & Surveying, Inc.

P.O. Box 28
17681 Hwy 395
Lakeview, Oregon 97630

P.O. Box 419
852 SW 15th Street
Redmond, Oregon 97756

Gribbling Bridge Replacement



0 0.25 0.5 0.75 Miles

Legend

-  Gribbling Bridge
-  County Routes
-  State Highways
-  Canal
-  MAIN
-  LATERAL
-  Taxlots



Printed:
May 8, 2015



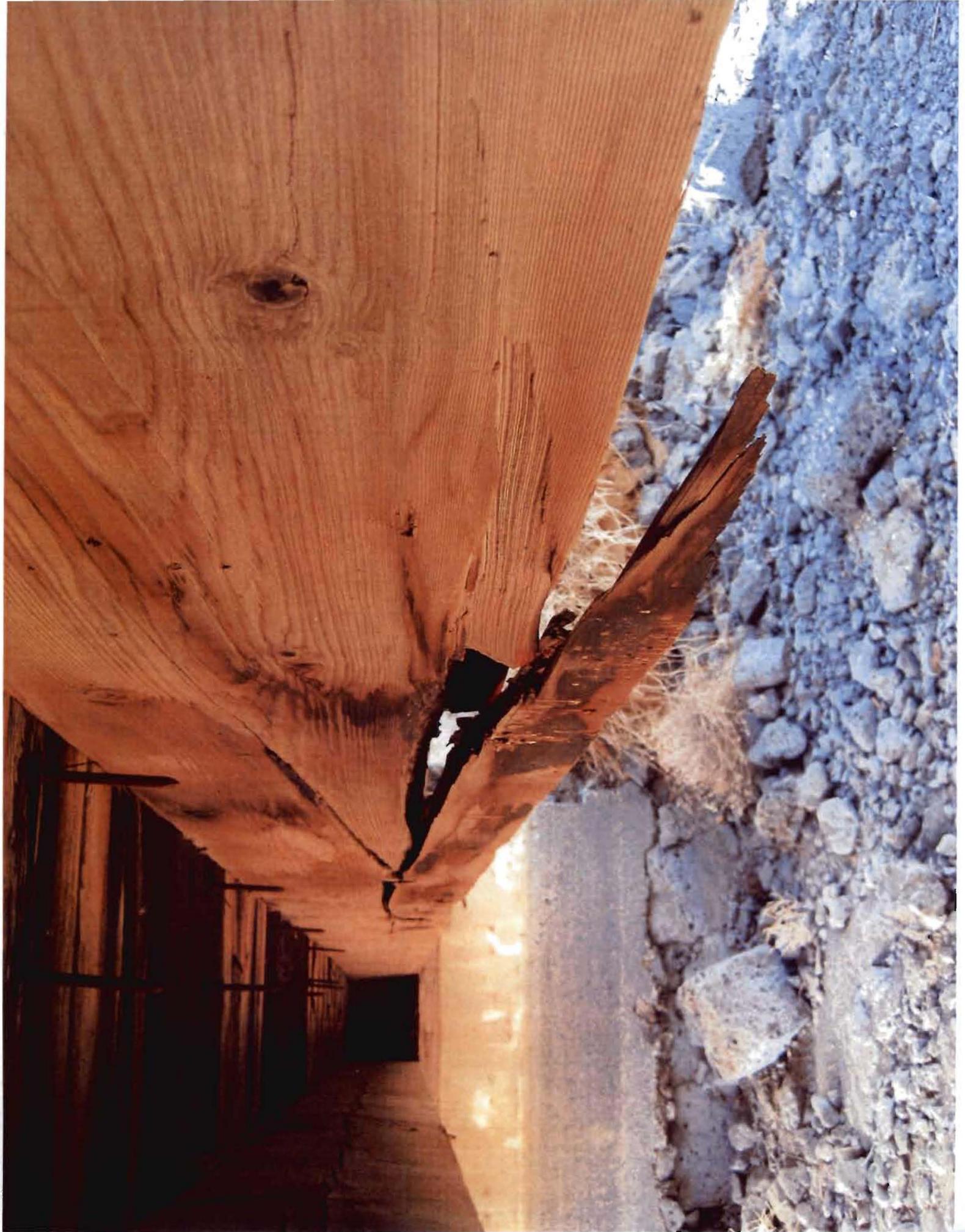
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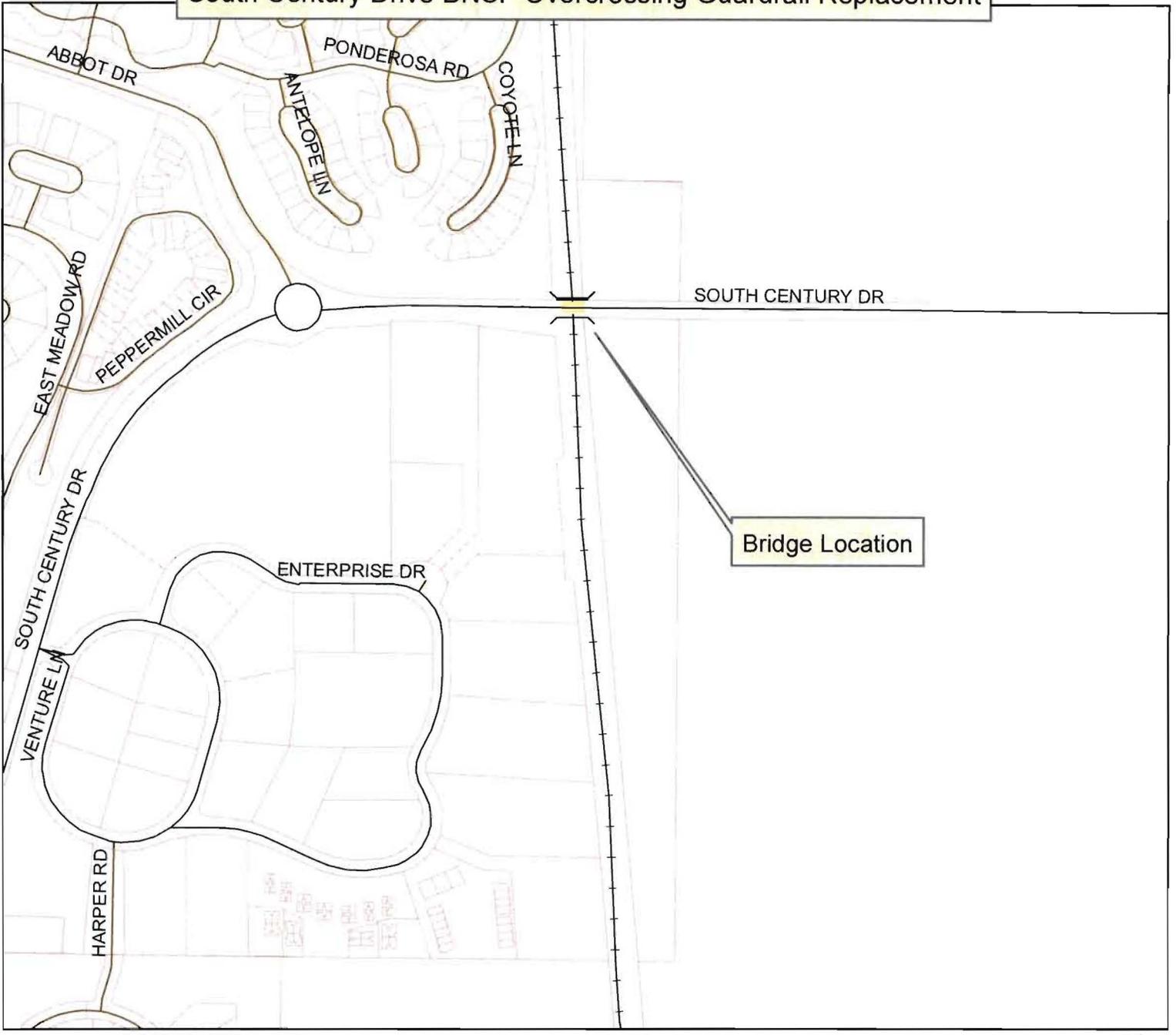
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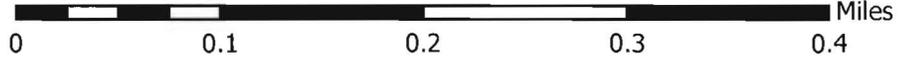
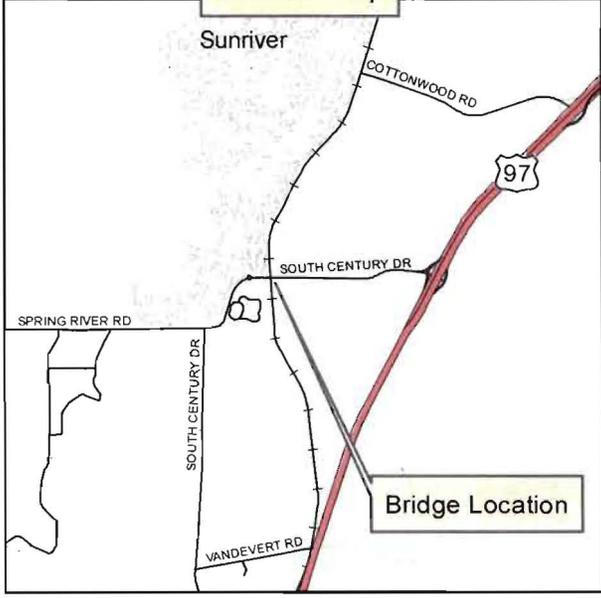




South Century Drive BNSF Overcrossing Guardrail Replacement



Locator Map



Printed: 3/26/2012

- Legend**
-  BNSF Overcrossing
 -  BNSF Railroad
 -  Primary Highway
 -  On-Off Ramp
 -  County Routes
 -  Road Centerlines
 -  Taxlots

Deschutes County Road Department

Map Created By: **John Anderson, GIS Specialist**
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