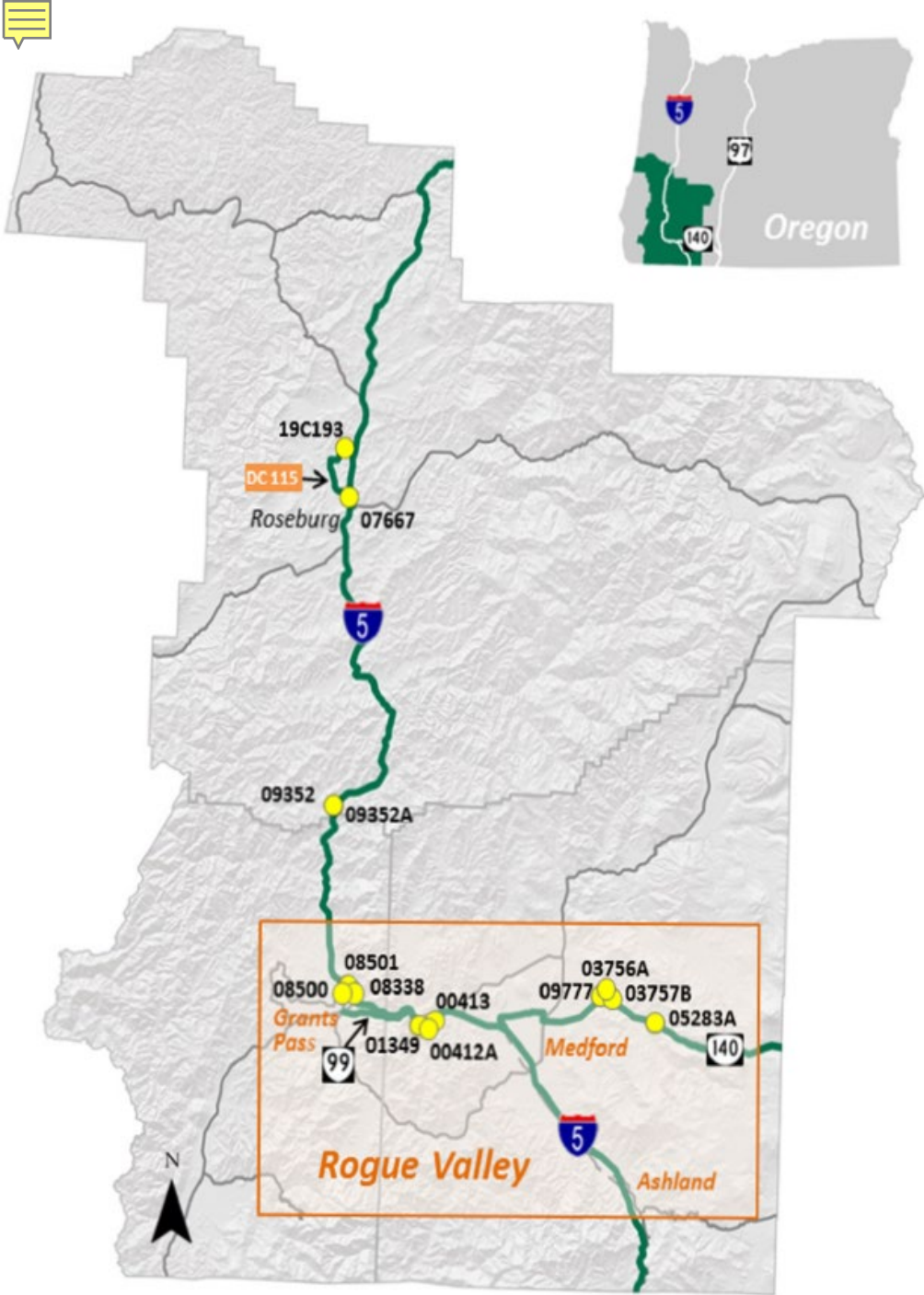


An aerial photograph of a multi-level highway interchange. The main highway runs diagonally from the top left to the bottom right. A bridge spans across it, with another bridge crossing the bridge. A yellow excavator is on a construction site to the right of the bridge. A blue truck is on the bridge, and another blue truck is on the highway below. The background shows green trees and a road intersection.

Southern Oregon Seismic Triage Update

RVACT, July 13, 2021

Josh Lonie, Resident Engineer - Consultant Projects



S. Oregon Seismic Triage Update

- This project reinforces unstable slopes and vulnerable bridges in southern Oregon so the region – and its economy and people – can quickly recover after a Cascadia Subduction Zone earthquake.
- Bridges: 17
- Slopes: 7
- Funding: 2017 Keep Oregon Moving Act: \$45M*



S. Oregon Seismic Triage Update

- Project 1: I-5 Leland Bridges
- Bundle 1: I-5 Glendale, Exit 58 & Hillcrest Bridges
- Bundle 2: OR 140, Del Rio Rd. Sutherlin Creek Bridge
- Bundle 3: Rogue River Highway Bridges –
 - Miller's Gulch, Birdseye Creek, Foothills Creek
- Slopes: Oregon 140 and Interstate 5

Interstate 5: Leland Road Bridges



- First bridges to be reinforced – completed in 2020.
- Separate, stand alone project.
- Pilot for the Buckle Restraint Bracing (BRB)– planned to use on other bundles. But not conducive for other bridges. However, still a valid option, depending on bridge.

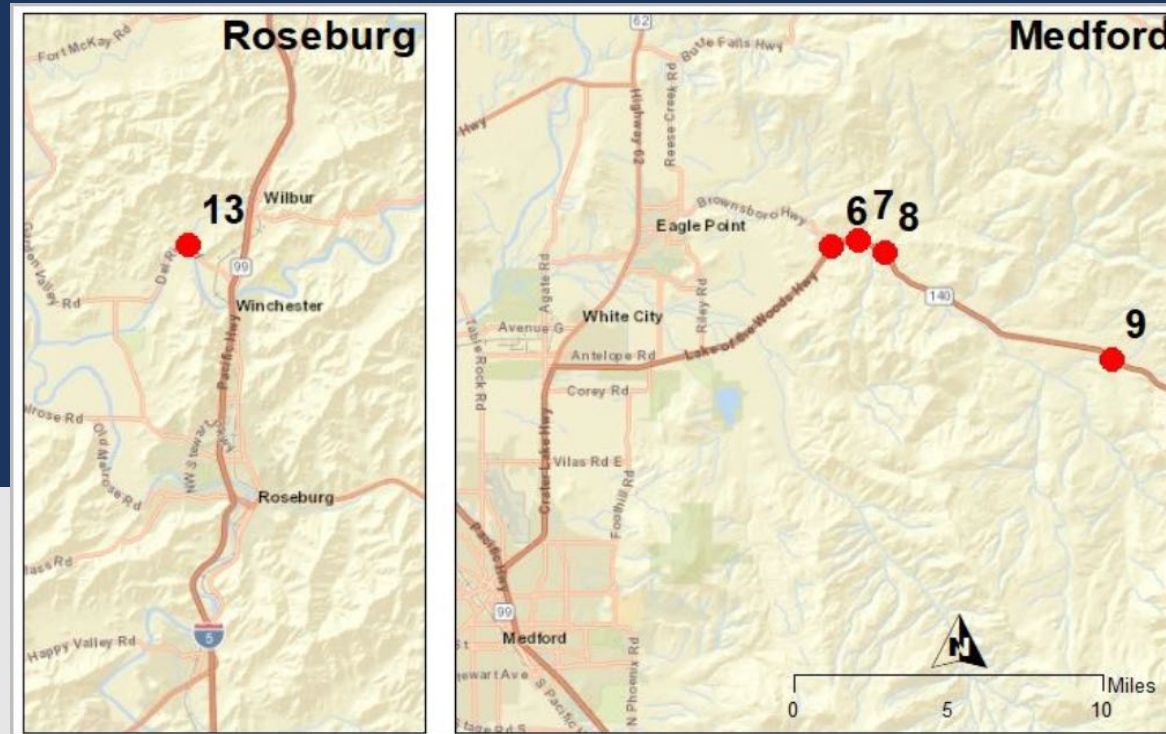
Interstate 5: Bundle #1



Bundle 1 includes:

- I-5 Glendale Bridges
- I-5 Exit 58/ north Grants Pass bridges – September 2021
- I-5 Hillcrest Bridges – October 2022 – May 2023
- Full closure of Hillcrest Road

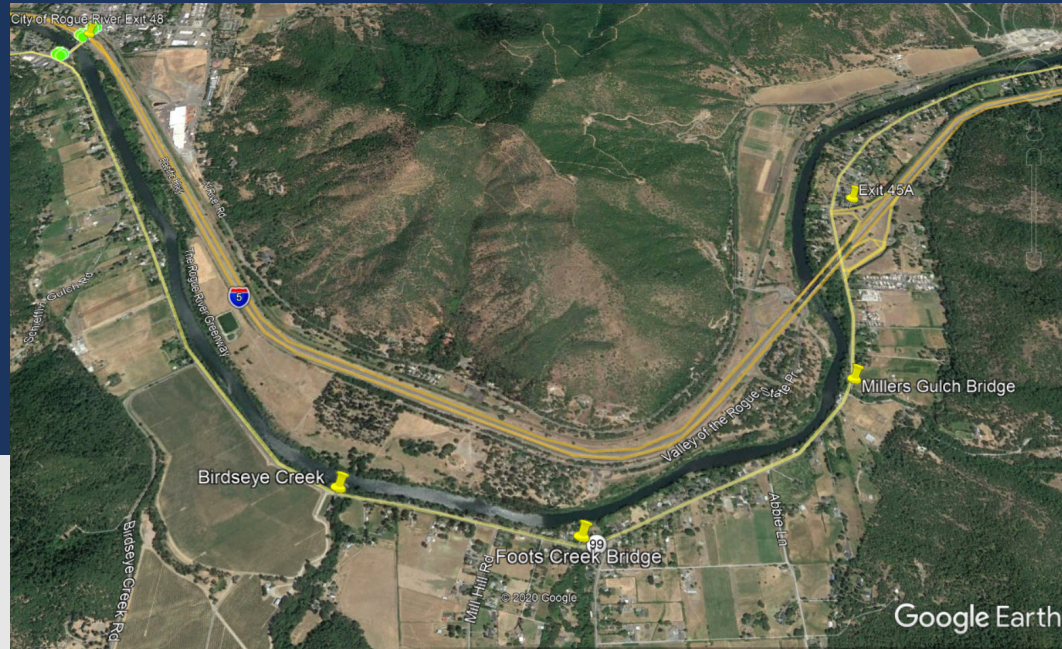
Oregon 140 / Del Rio Road: Bundle #2



Bundle includes bridge reinforcement on:

- Oregon 140 @ Little Butte Creek, Schoolhouse Creek, Lick Creek, North Fork Little Butte Creek
- Del Rio Road, Douglas County: Sutherlin Creek
- Bids: Sept. 2021 with construction late '21-22.

Full Replacement of Rogue River Highway bridges



Bundle #3 – full bridge replacements of:

- Birdseye Creek
- Fooths Creek
- Miller's Gulch
- Project bid date: Fall 2022
- Construction expected in Summer 2023.

S. Oregon Seismic Triage - Slopes



Interstate 5 – MP 2



OR 140



Interstate 5 – MP 10



OR 140

- Seven historic slopes have been tested for stabilizing
- \$13.3 M – bundle opportunity
- Expected construction 2022
- Proposed repairs include rock buttress and drainage improvements

Interstate 5: Pacific Highway: [MP 2.15](#), [MP 5.2](#), [MP 10.3](#), MP 114.6

Oregon 140 (Lake of the Woods Highway) MP 18.53, [22.10](#), 24.88



Thanks!



