Project Design and Grant Analysis

K21139 I-5 Coburg Interchange

Presenters:

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Stuart Bennion – WSP Senior Project Manager ~ Transportation

Sierra Laventure-Volz – WSP Lead Consultant Planning Strategy & Grants, Advisory Services

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Project Overview

In 2010, we partnered with the City of Coburg and Lane County to develop the Coburg/I-5 Area Management Plan (IAMP). The IAMP found that the interchange will not be able to meet the travel demands that are forecasted for the future. Therefore, the interchange and ramps are in need of modification and improvements.

The IAMP recommends a four-lane bridge over I-5, improvements to all the ramps, and signals at the southbound ramp. This project was design only, and did not have funding for construction.

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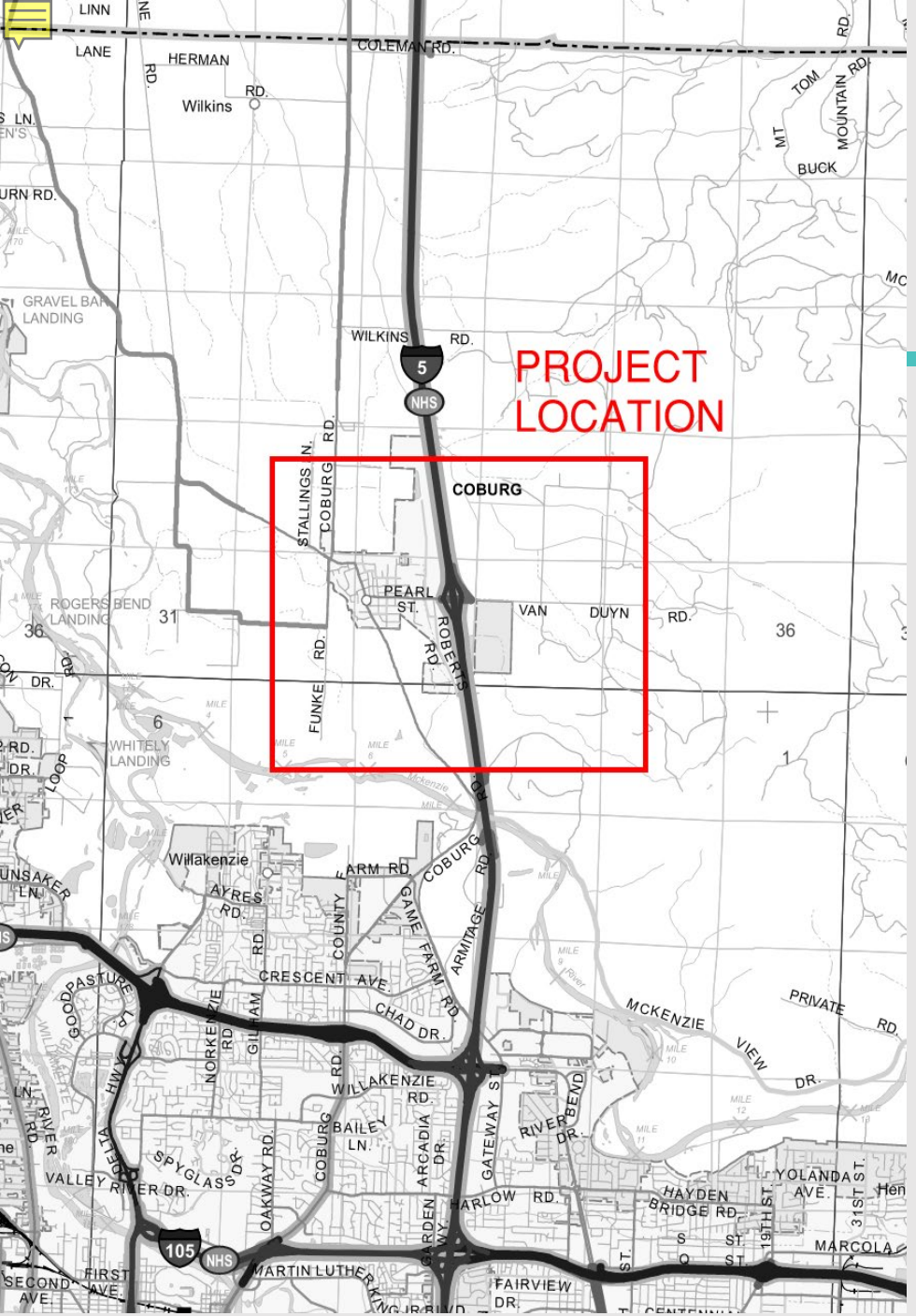
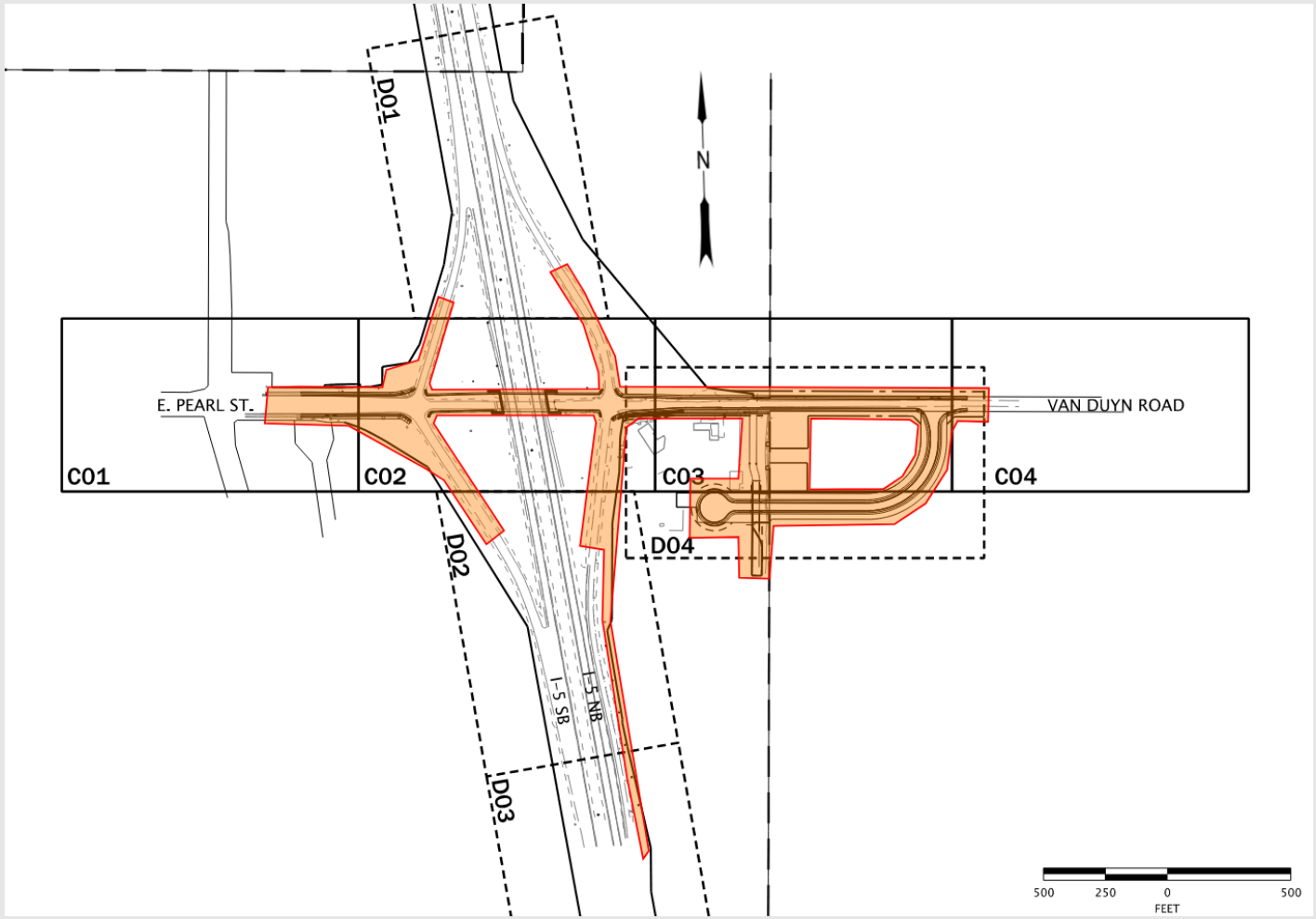
...Get City Input on Project

Current Design Results

- Items Completed
  - Draft DAP Design and Alternatives Study
  - Traffic Analysis
  - Biological assessment
  - RW assessment
  - Geotechnical Exploration
- Items to be Done When Project Comes off Shelf
  - Design & Construction Documents
  - NEPA & Permits
  - RW acquisition
  - Stakeholder coordination
  - Public Outreach
  - Utility Coordination

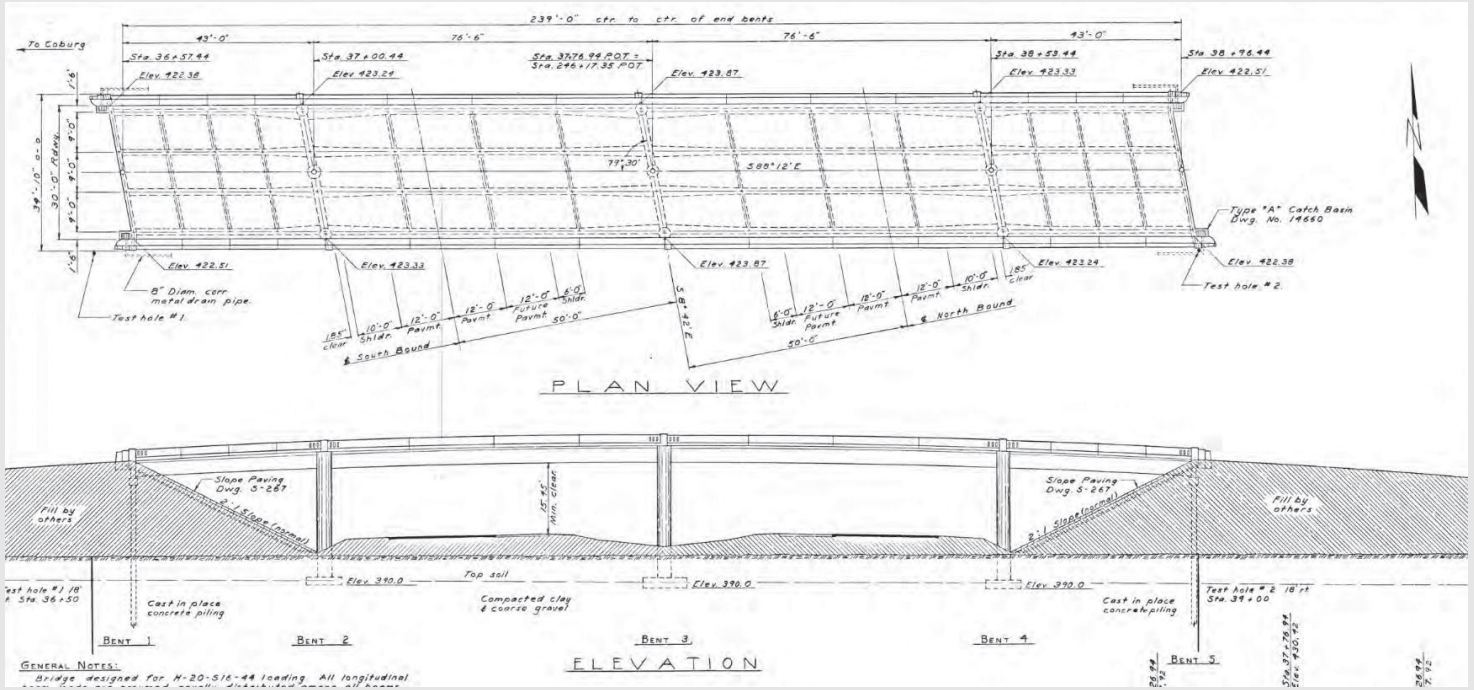


Coburg Interchange Project Layout

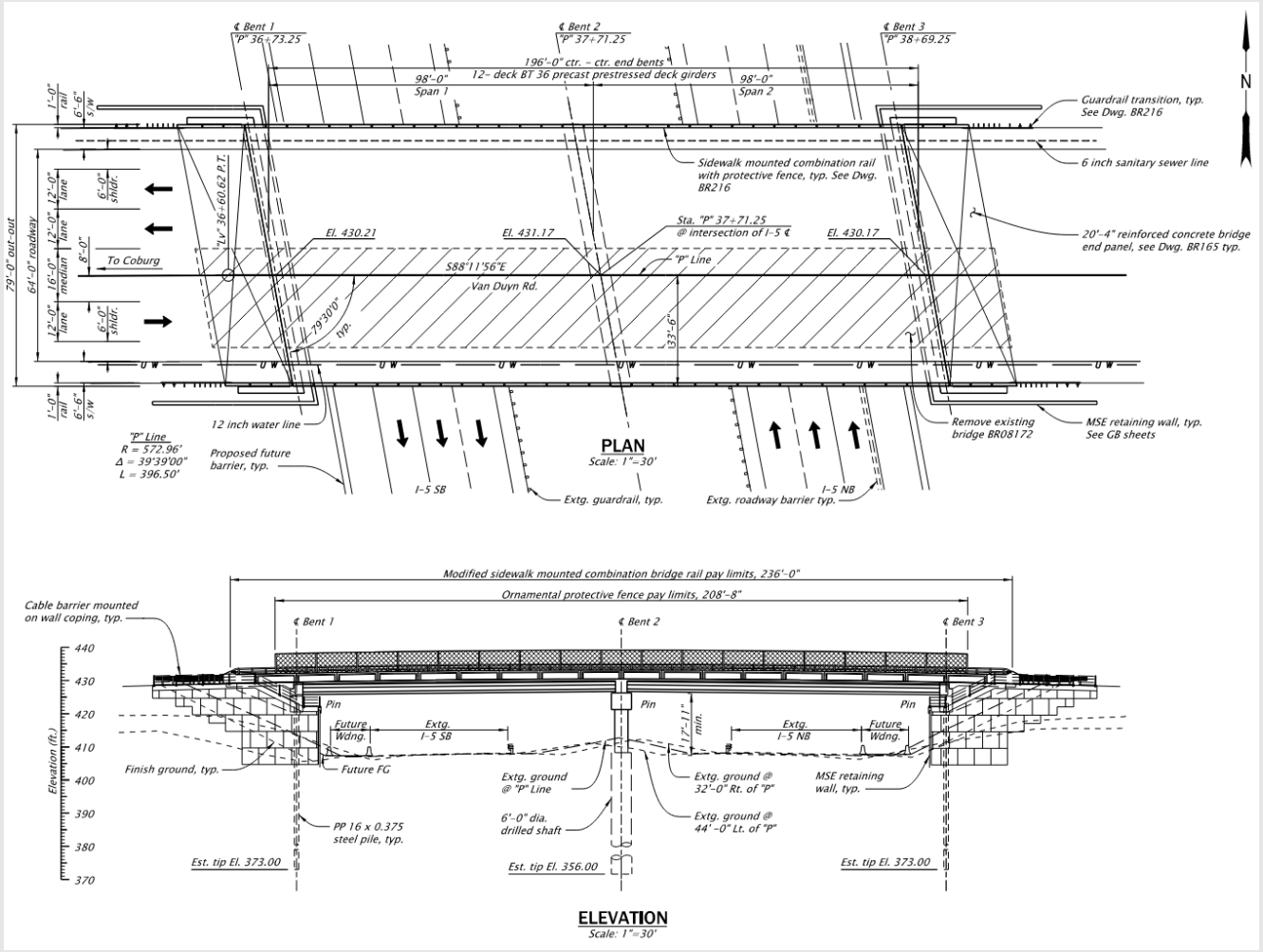


CLEARANCE DIAGRAM
NB & SB EXIT #199 CROSSING UNDER COBURG-EAST RD.
BRIDGE #:08172 * HIGHWAY NO. 001 (I-5) * MP:199.15

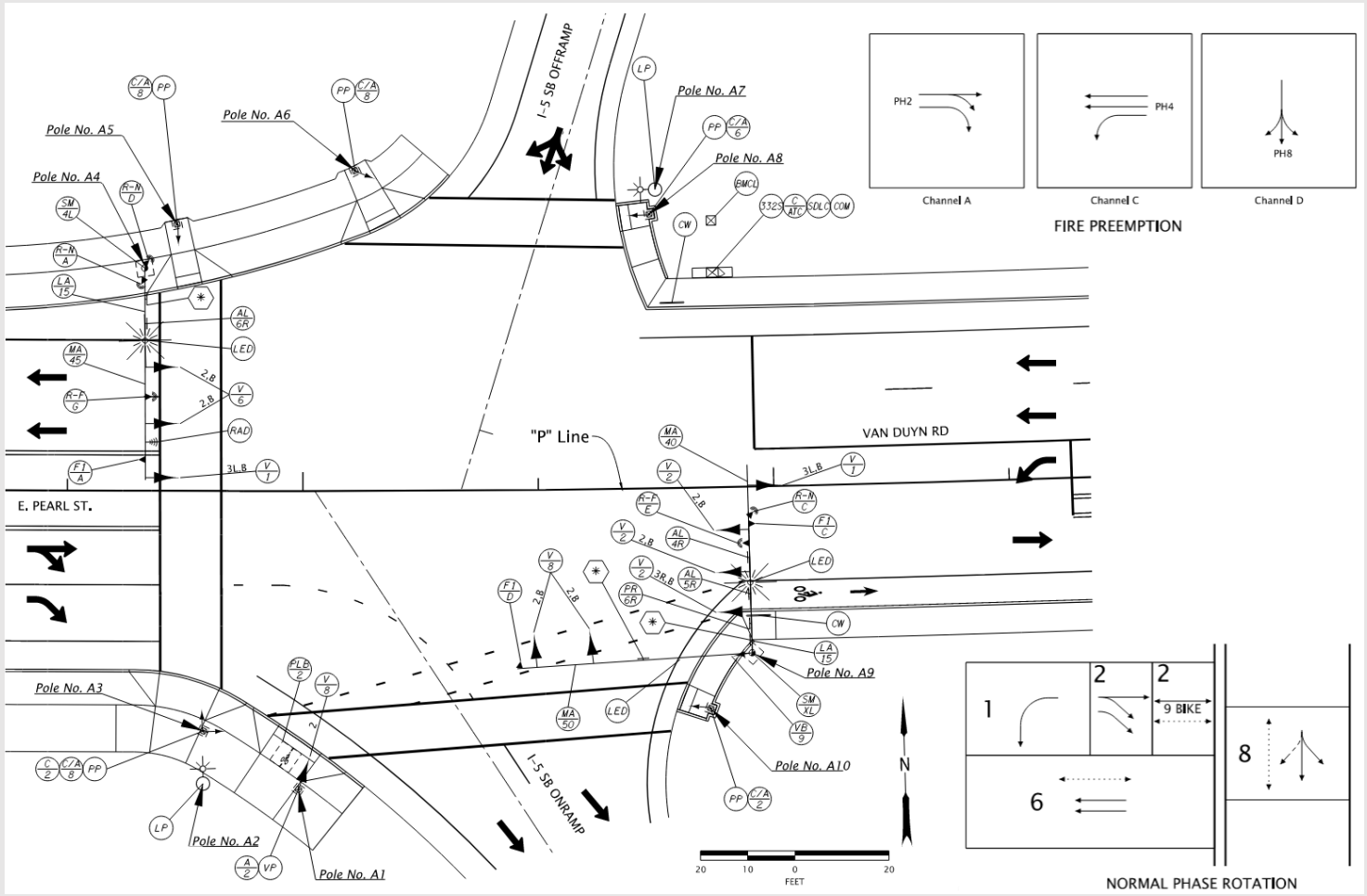
Existing Bridge Design Plan



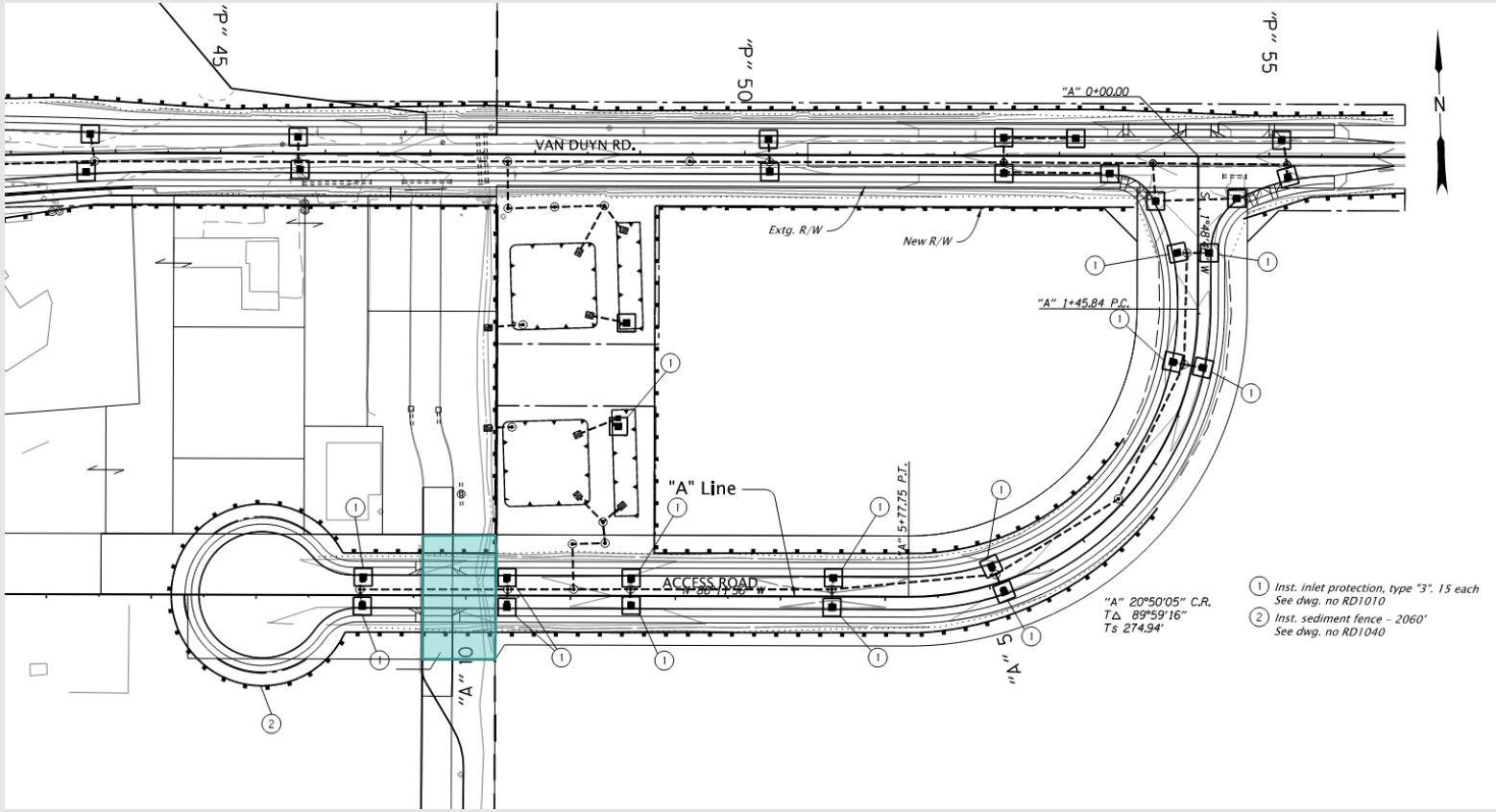
Bridge Design Plan



West Side Signal Design



East Side Design: Van Duyn Road



Post Project City Responsibility

- Roadway Surface, sidewalks, and shoulders
  (Van Duyn & Access Road)
- Vegetation and Landscaping (Aesthetics)
- Walls
- 2 Culverts
- Storm Drainage System (roadway)
- Ponds and Pump for Stormwater Treatment

Construction Cost Estimate

- Completion of Design (PE) = $4.4 Million
- Right of Way (RW) = $2.6 Million
- Construction (CN) = $28.7 Million

Total Project Cost = $35.7 Million

Grant Funding Scan & Competitiveness Analysis Overview

- Competitive grant applications are a viable funding source for infrastructure projects across the country.
- Evaluated current expected federal, state, and local funding sources for applicability
  - Over 15 funding sources reviewed
  - 2 funding sources recommended for further consideration

Better Utilizing Investments to Leverage Development (BUILD) Program

- Funds are available for both Planning & Construction activities
  - Award range: $5 M - $25 M
  - Match requirement: 80% federal share limit
- Annual application process, usually in the spring
- Strong focus on cost-effective projects
- Applicants can include: ODOT and/or City of Coburg
- Very competitive program that requires qualitative and quantitative analysis of project benefits

BUILD Grants

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Infrastructure for Rebuilding America (INFRA) Program

- Funds are available for highway & freight-focused projects, construction activities
  - Minimum award for small project: $5 M
  - Match requirement: 60% INFRA limit, 80% federal share limit
- Annual application process, usually in the winter
- Strong focus on cost-effective freight projects
- Applicants can include: ODOT and/or City of Coburg
- Very competitive program that requires qualitative and quantitative analysis of project benefits

Recommendations for strong federal applications

- Leverage non-federal funding resources
- Cultivate partnerships and broad support
- Collect data and information, including new analyses as needed; Update IAMP
- Ensure project meets or excels in multiple criteria & readiness guidelines
- Invest in application support

Overview of Next Steps for Funding

- How can the City of Coburg best position the project for funding?
  - Seek funding to complete planning / design activities
  - Ensure federal grant funding are “last dollars in” for construction
  - Get project approved in STIP/TIP
  - Recommend no more than 50% federal dollar request to be competitive

- Changing federal administration priorities

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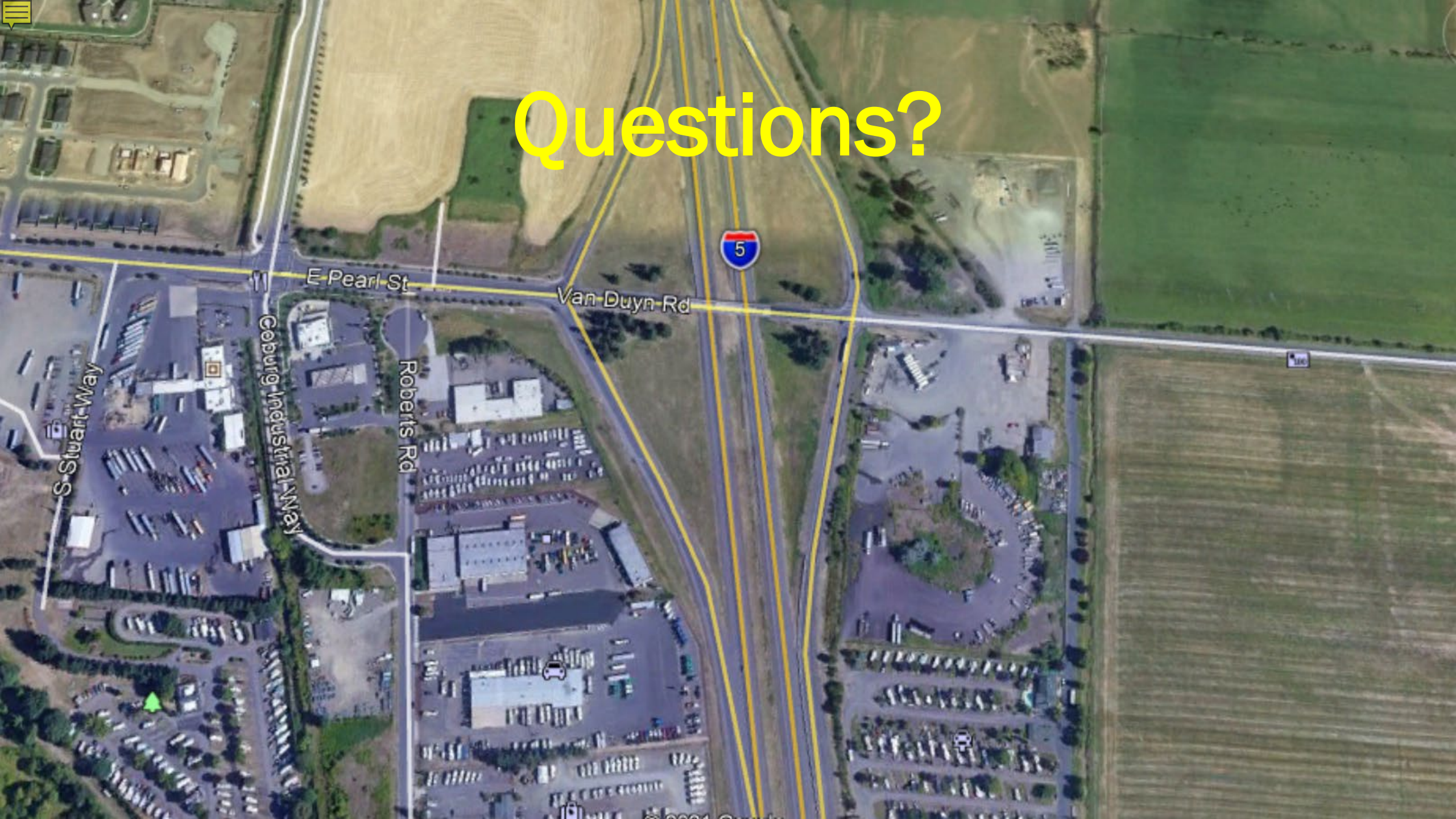
Questions?
E Pearl St
Van Duyn Rd
5
S Stuart Way
Coburg Industrial Way
Roberts Rd