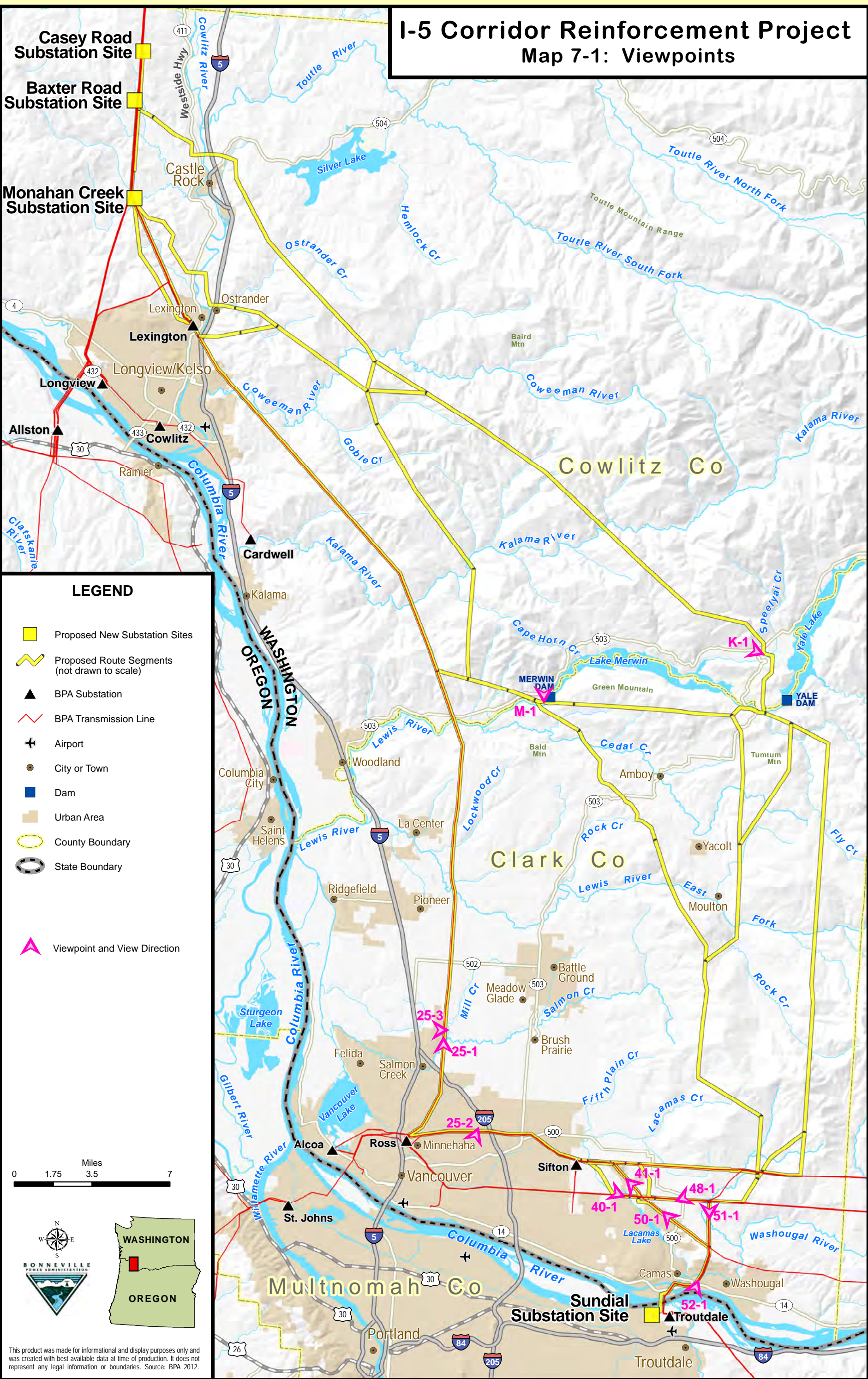


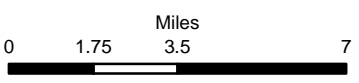
# I-5 Corridor Reinforcement Project

## Map 7-1: Viewpoints



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- BPA Substation
- BPA Transmission Line
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary
- Viewpoint and View Direction

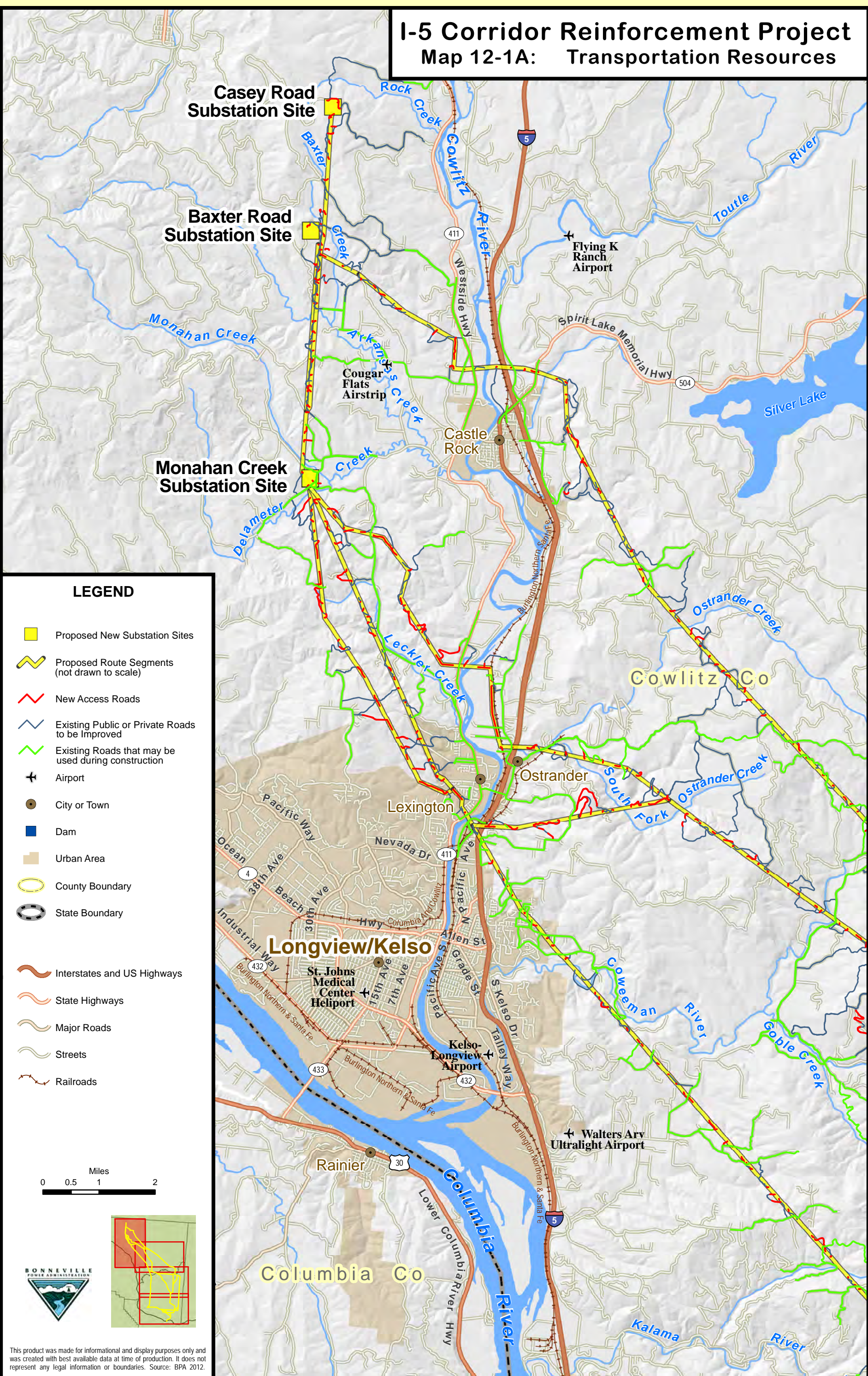


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Map 7-1: Viewpoints

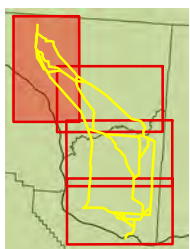
# I-5 Corridor Reinforcement Project

## Map 12-1A: Transportation Resources



### LEGEND

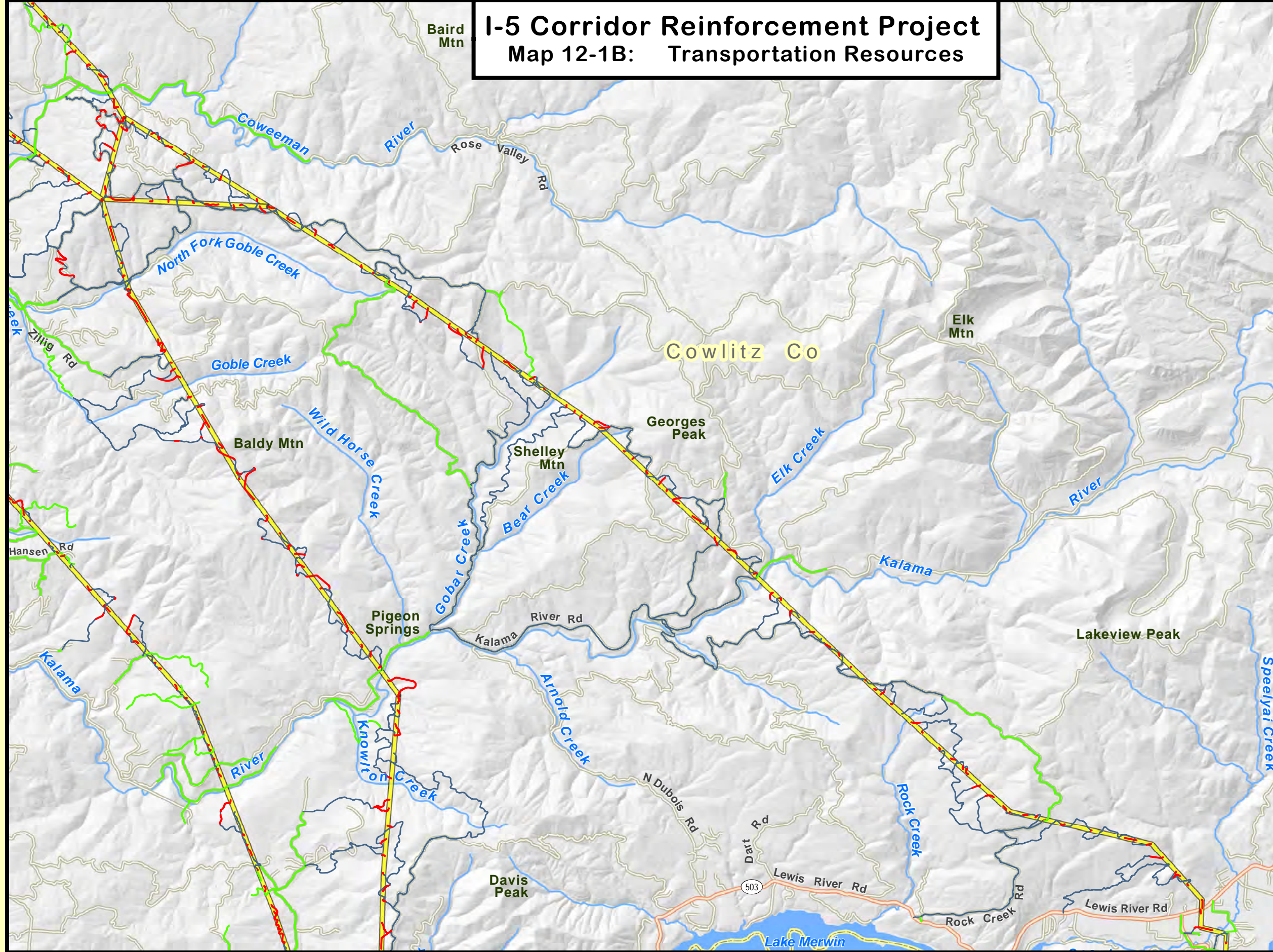
-  Proposed New Substation Sites
-  Proposed Route Segments (not drawn to scale)
-  New Access Roads
-  Existing Public or Private Roads to be Improved
-  Existing Roads that may be used during construction
-  Airport
-  City or Town
-  Dam
-  Urban Area
-  County Boundary
-  State Boundary
-  Interstates and US Highways
-  State Highways
-  Major Roads
-  Streets
-  Railroads



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# I-5 Corridor Reinforcement Project

## Map 12-1B: Transportation Resources



### LEGEND

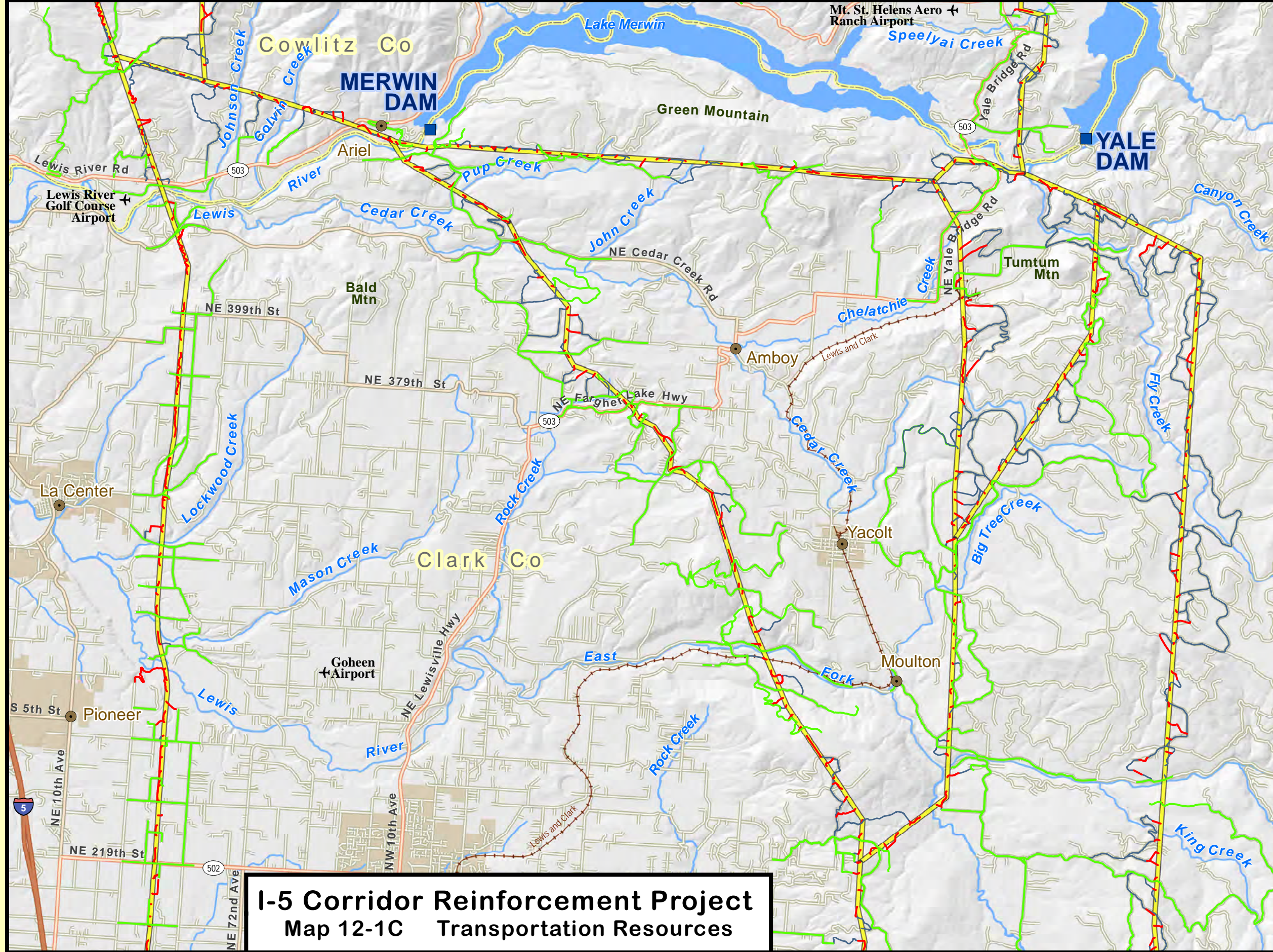
- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Existing Roads that may be used during construction
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary
- Interstates and US Highways
- State Highways
- Major Roads
- Streets
- Railroads

Miles  
0 0.5 1 2

**BONNEVILLE**  
POWER ADMINISTRATION

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Map 12-1B: Transportation Resources



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Existing Roads that may be used during construction
- ✈ Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary
- Interstates and US Highways
- State Highways
- Major Roads
- Streets
- Railroads

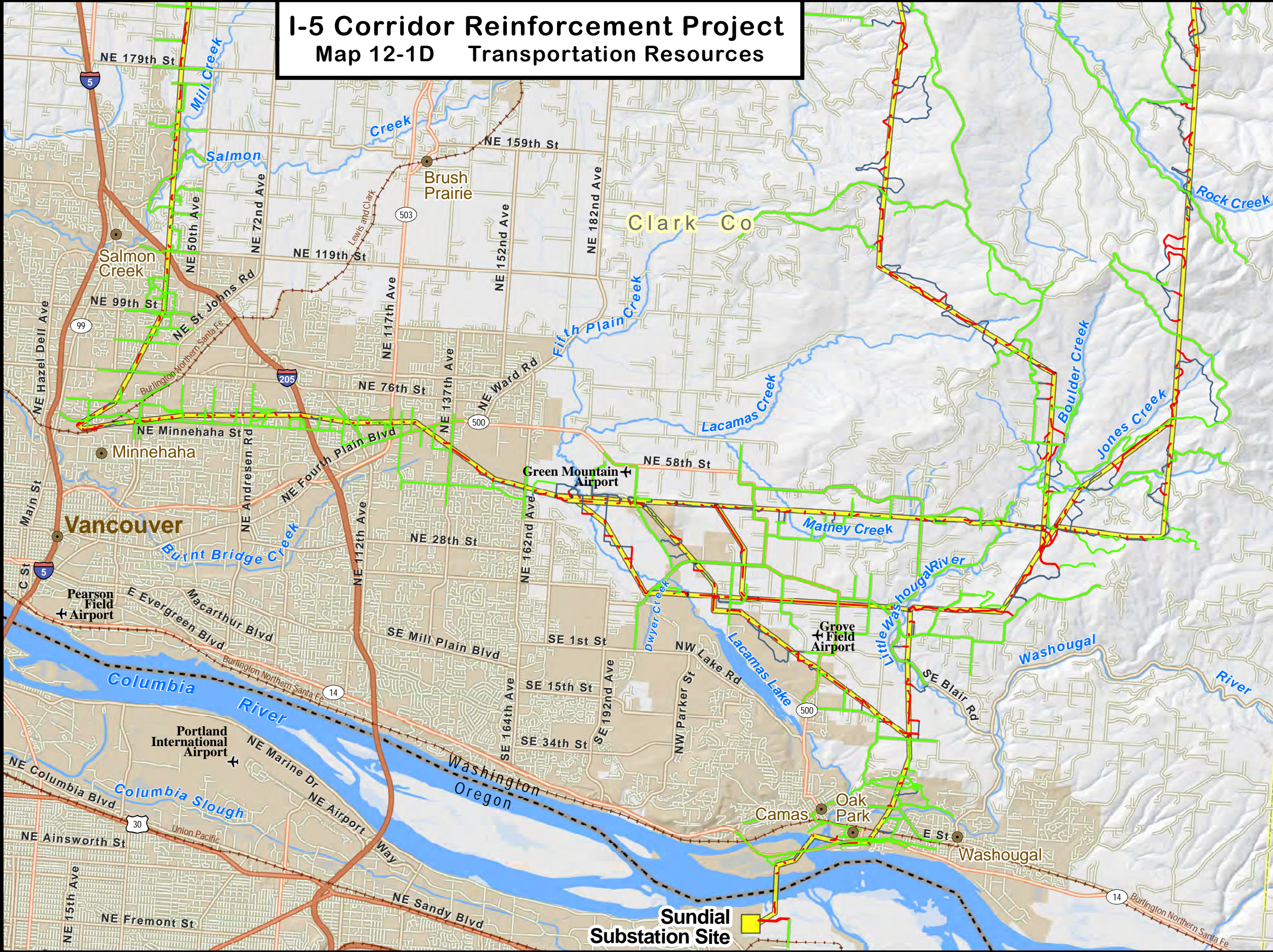
Miles  
0 0.5 1 2

BONNEVILLE  
POWER ADMINISTRATION

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**I-5 Corridor Reinforcement Project**  
**Map 12-1C Transportation Resources**

# I-5 Corridor Reinforcement Project Map 12-1D Transportation Resources



### LEGEND

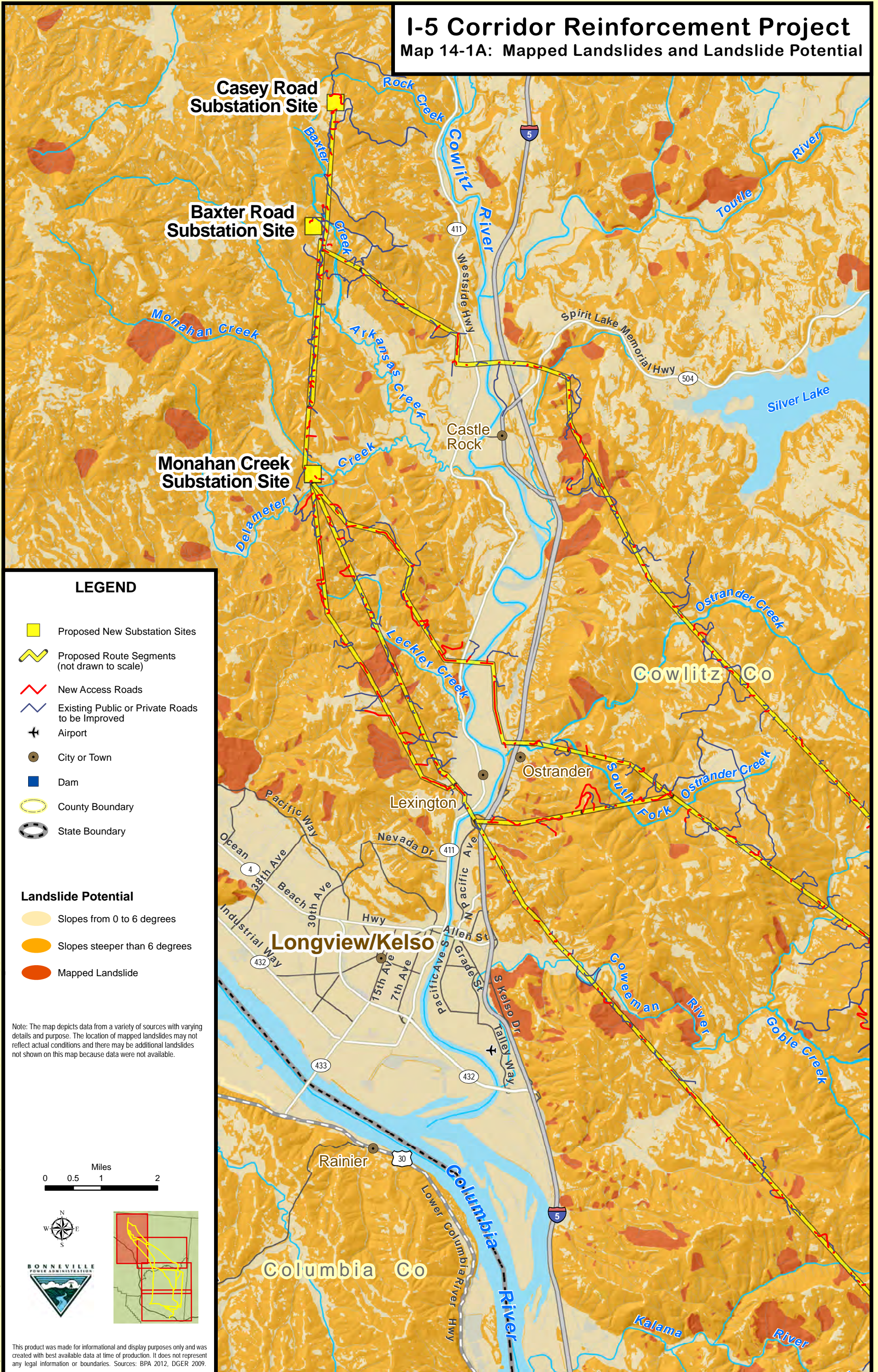
- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Existing Roads that may be used during construction
- ✈ Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary
- Interstates and US Highways
- State Highways
- Major Roads
- Streets
- Railroads

Miles  
0 0.5 1 2

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# I-5 Corridor Reinforcement Project

## Map 14-1A: Mapped Landslides and Landslide Potential



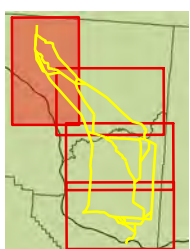
### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- County Boundary
- State Boundary

### Landslide Potential

- Slopes from 0 to 6 degrees
- Slopes steeper than 6 degrees
- Mapped Landslide

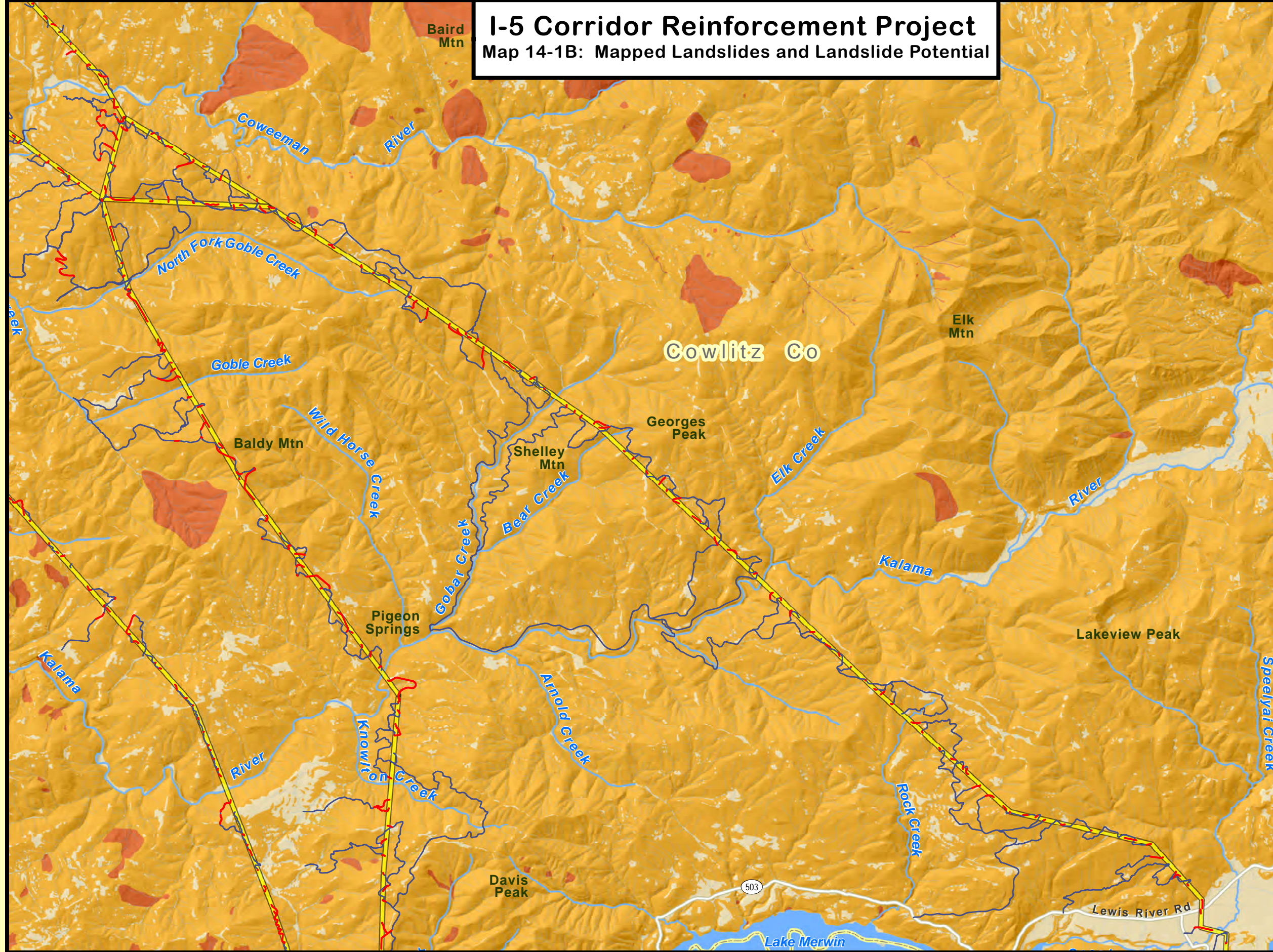
Note: The map depicts data from a variety of sources with varying details and purpose. The location of mapped landslides may not reflect actual conditions and there may be additional landslides not shown on this map because data were not available.












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# I-5 Corridor Reinforcement Project




## Map 14-1B: Mapped Landslides and Landslide Potential



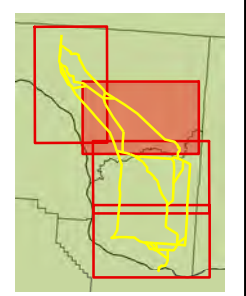
### LEGEND

-  Proposed New Substation Sites
-  Proposed Route Segments (not drawn to scale)
-  New Access Roads
-  Existing Public or Private Roads to be Improved
-  Airport
-  City or Town
-  Dam
-  County Boundary
-  State Boundary

### Landslide Potential

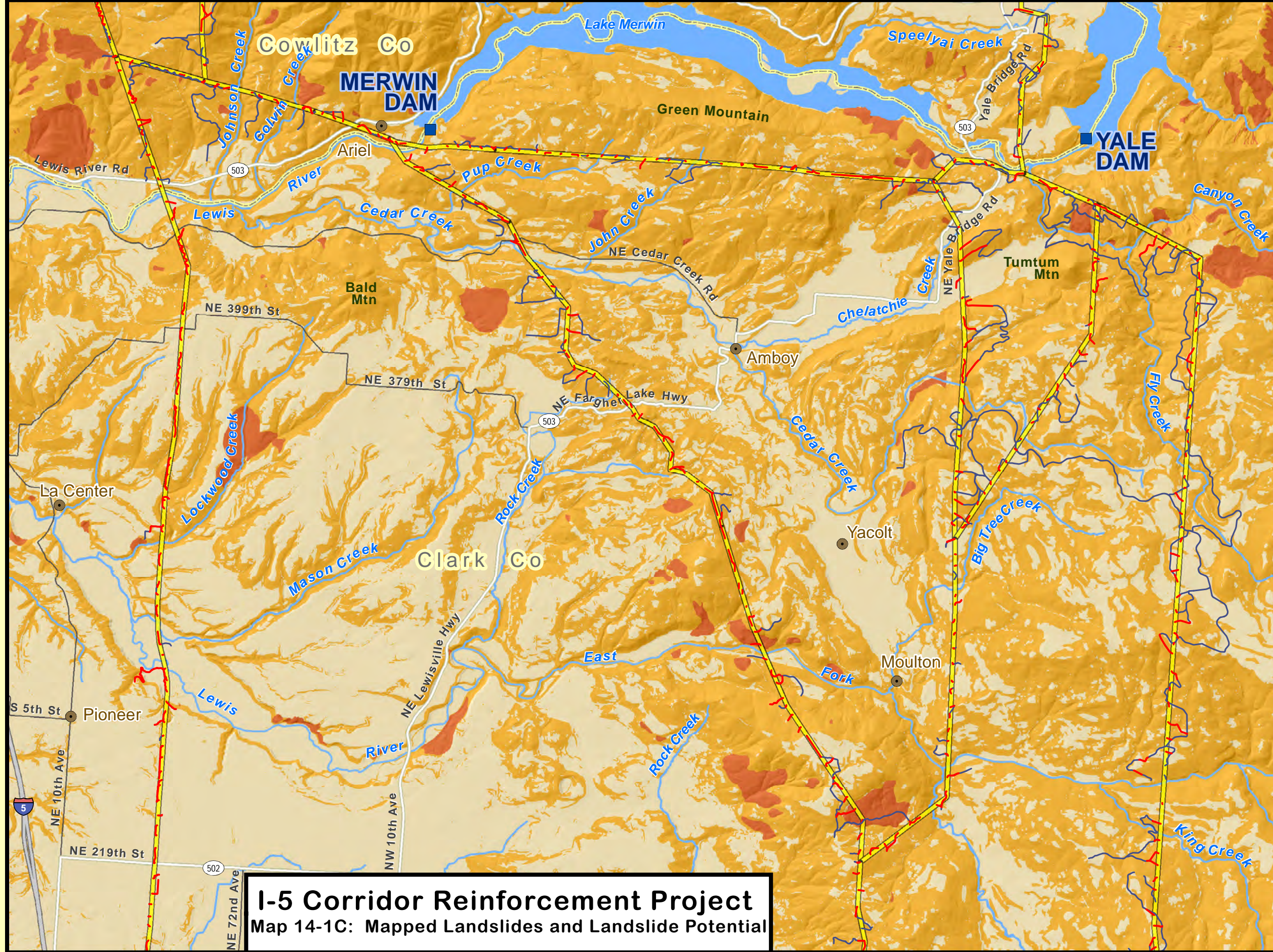
-  Slopes from 0 to 6 degrees
-  Slopes steeper than 6 degrees
-  Mapped Landslide

Note: The map depicts data from a variety of sources with varying details and purpose. The location of mapped landslides may not reflect actual conditions and there may be additional landslides not shown on this map because data were not available.



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Map 14-1B: Mapped Landslides and Landslide Potential



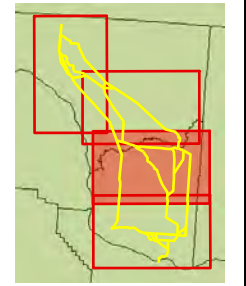
**LEGEND**

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- County Boundary
- State Boundary

**Landslide Potential**

- Slopes from 0 to 6 degrees
- Slopes steeper than 6 degrees
- Mapped Landslide

Note: The map depicts data from a variety of sources with varying details and purpose. The location of mapped landslides may not reflect actual conditions and there may be additional landslides not shown on this map because data were not available.



**I-5 Corridor Reinforcement Project**  
**Map 14-1C: Mapped Landslides and Landslide Potential**

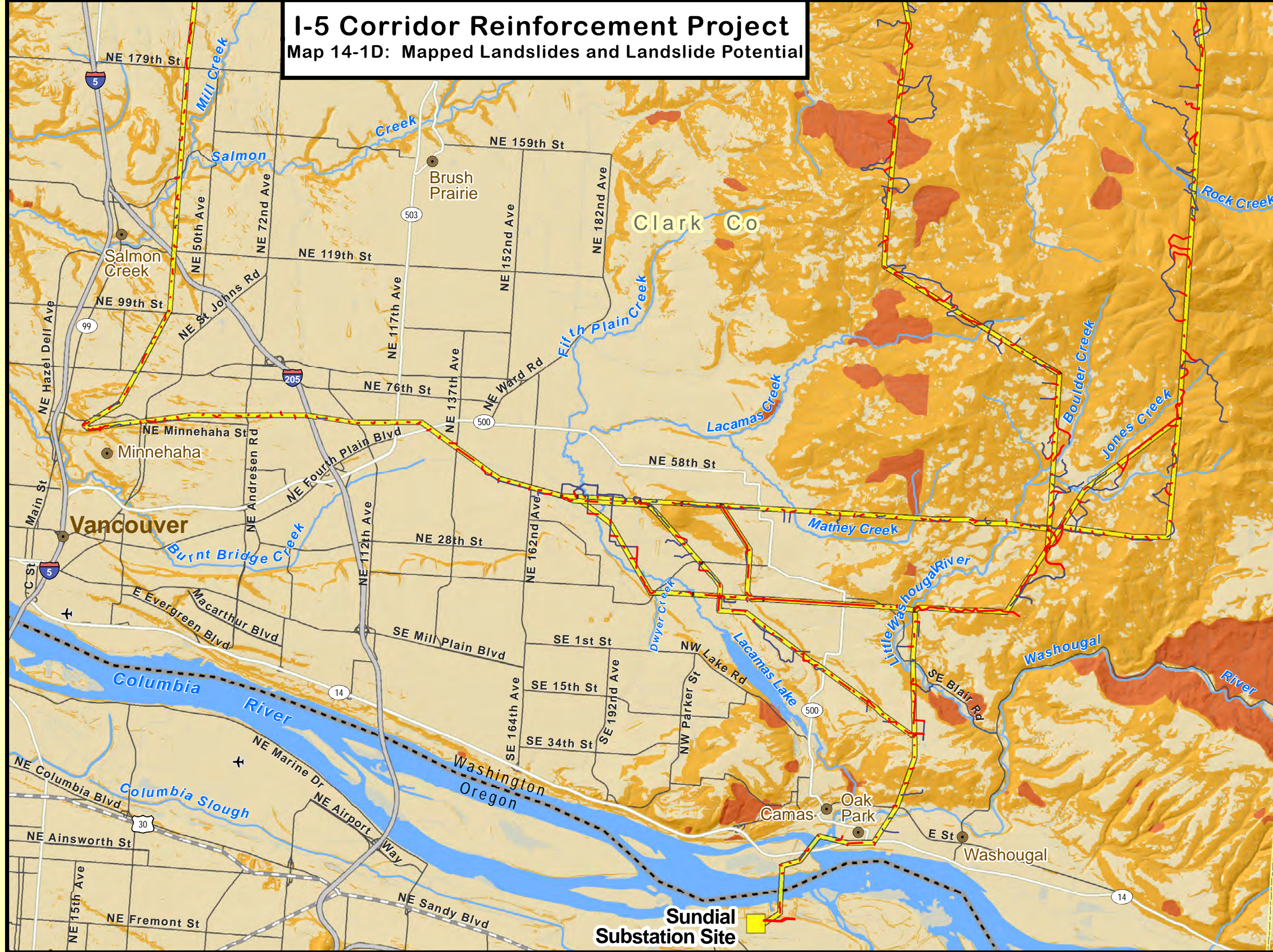
**Map 14-1C: Mapped Landslides and Landslide Potential**

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# I-5 Corridor Reinforcement Project

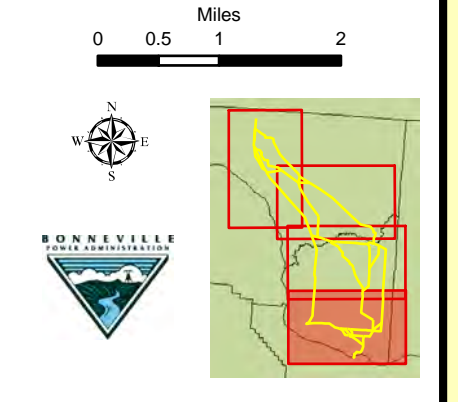
## Map 14-1D: Mapped Landslides and Landslide Potential



- ### LEGEND
- Proposed New Substation Sites
  - Proposed Route Segments (not drawn to scale)
  - New Access Roads
  - Existing Public or Private Roads to be Improved
  - Airport
  - City or Town
  - Dam
  - County Boundary
  - State Boundary

- ### Landslide Potential
- Slopes from 0 to 6 degrees
  - Slopes steeper than 6 degrees
  - Mapped Landslide

Note: The map depicts data from a variety of sources with varying details and purpose. The location of mapped landslides may not reflect actual conditions and there may be additional landslides not shown on this map because data were not available.

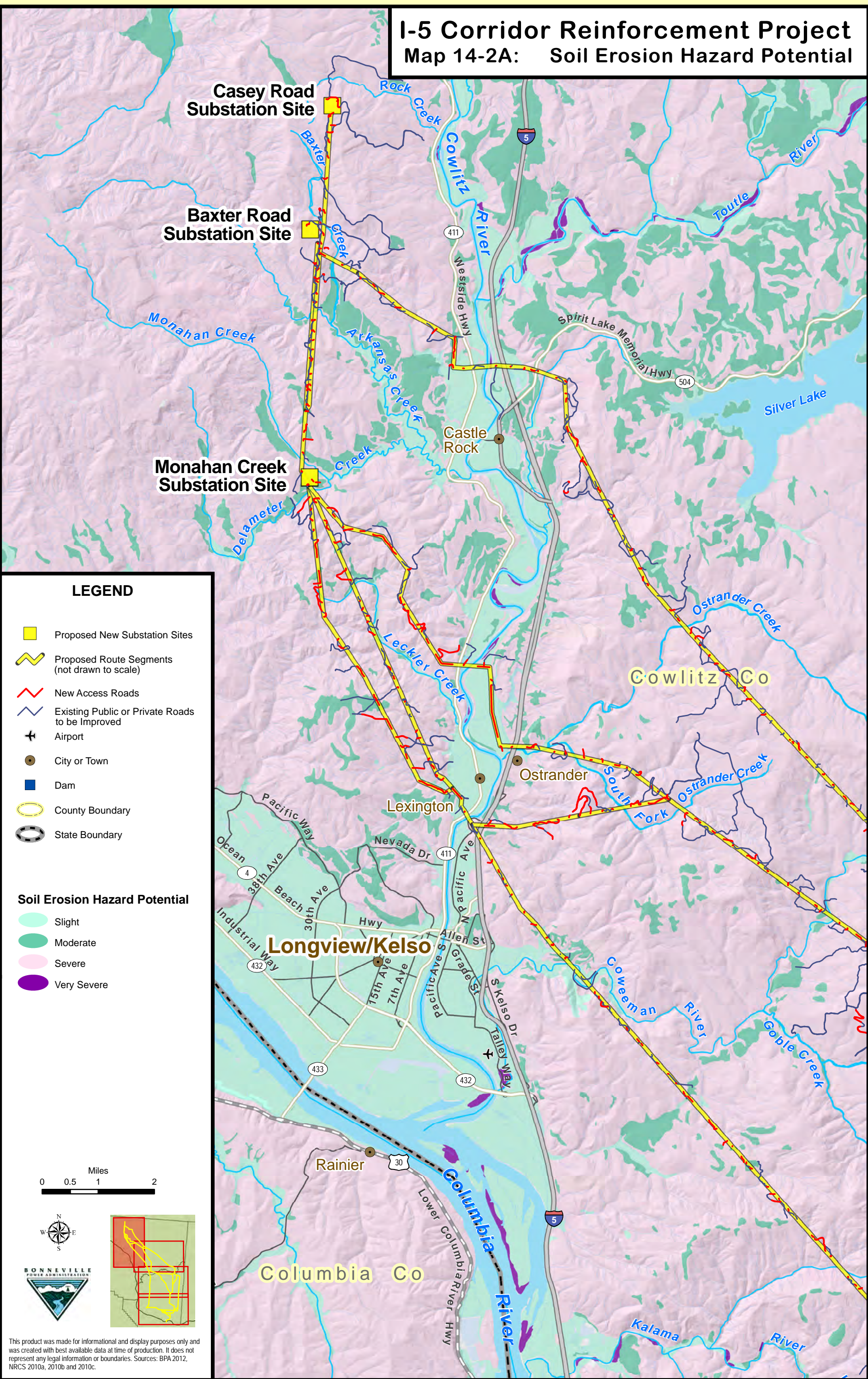


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Map 14-1D: Mapped Landslides and Landslide Potential

# I-5 Corridor Reinforcement Project

## Map 14-2A: Soil Erosion Hazard Potential

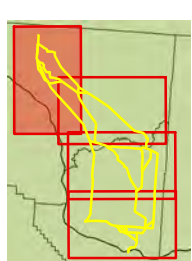
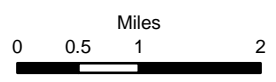


### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- County Boundary
- State Boundary

### Soil Erosion Hazard Potential

- Slight
- Moderate
- Severe
- Very Severe

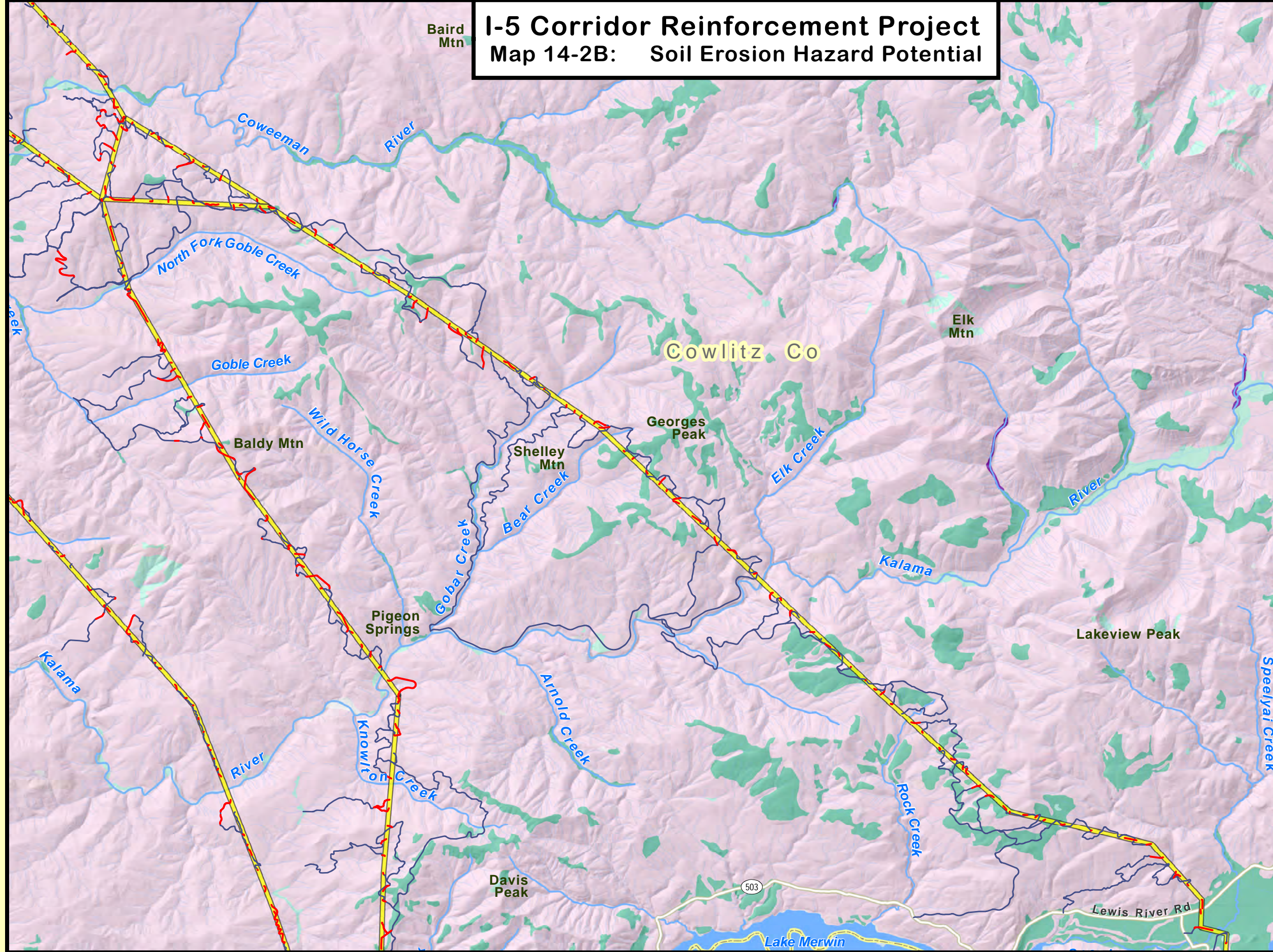


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Map 14-1A: Soil Erosion Hazard Potential

# I-5 Corridor Reinforcement Project

## Map 14-2B: Soil Erosion Hazard Potential



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- County Boundary
- State Boundary

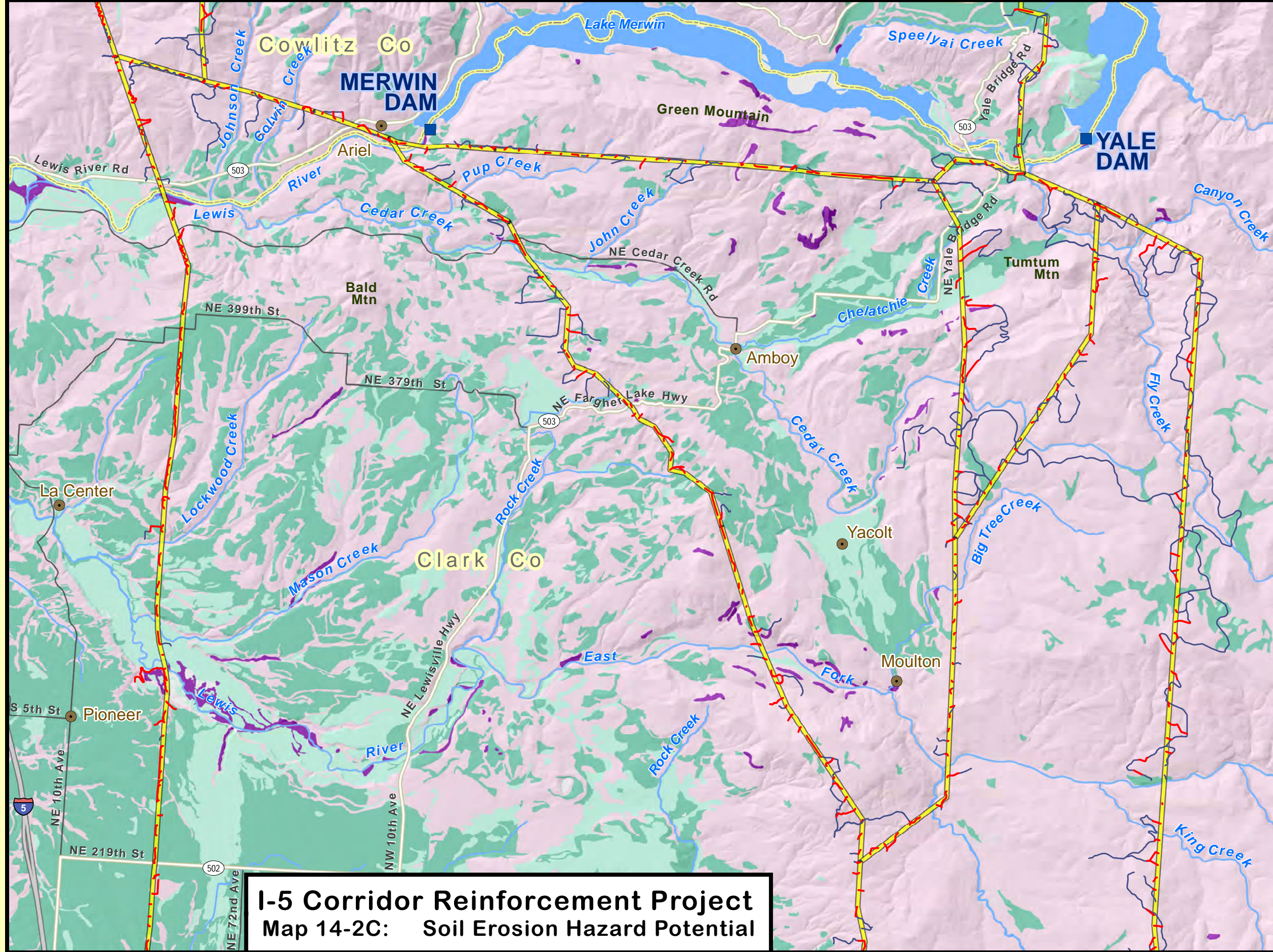
### Soil Erosion Hazard Potential

- Slight
- Moderate
- Severe
- Very Severe

Miles  
0 0.5 1 2

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Map 14-2B: Soil Erosion Hazard Potential

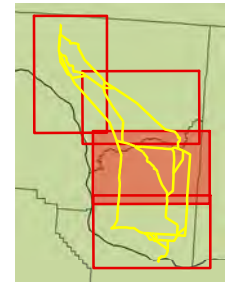


**LEGEND**

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- County Boundary
- State Boundary

**Soil Erosion Hazard Potential**

- Slight
- Moderate
- Severe
- Very Severe

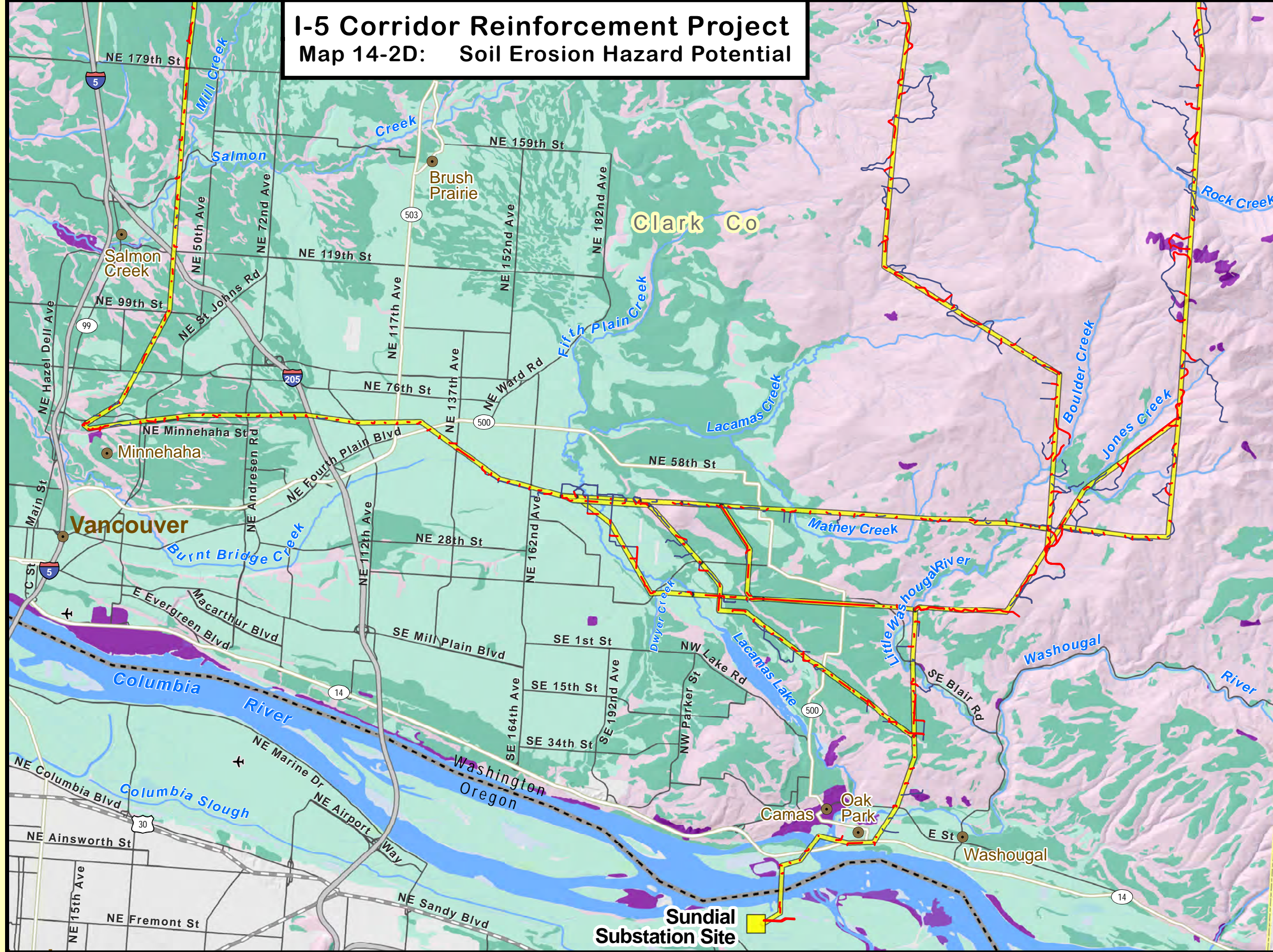


**I-5 Corridor Reinforcement Project**  
**Map 14-2C: Soil Erosion Hazard Potential**










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# I-5 Corridor Reinforcement Project

## Map 14-2D: Soil Erosion Hazard Potential

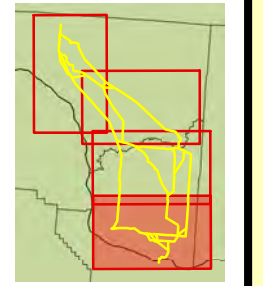


### LEGEND

-  Proposed New Substation Sites
-  Proposed Route Segments (not drawn to scale)
-  New Access Roads
-  Existing Public or Private Roads to be Improved
-  Airport
-  City or Town
-  Dam
-  County Boundary
-  State Boundary

### Soil Erosion Hazard Potential

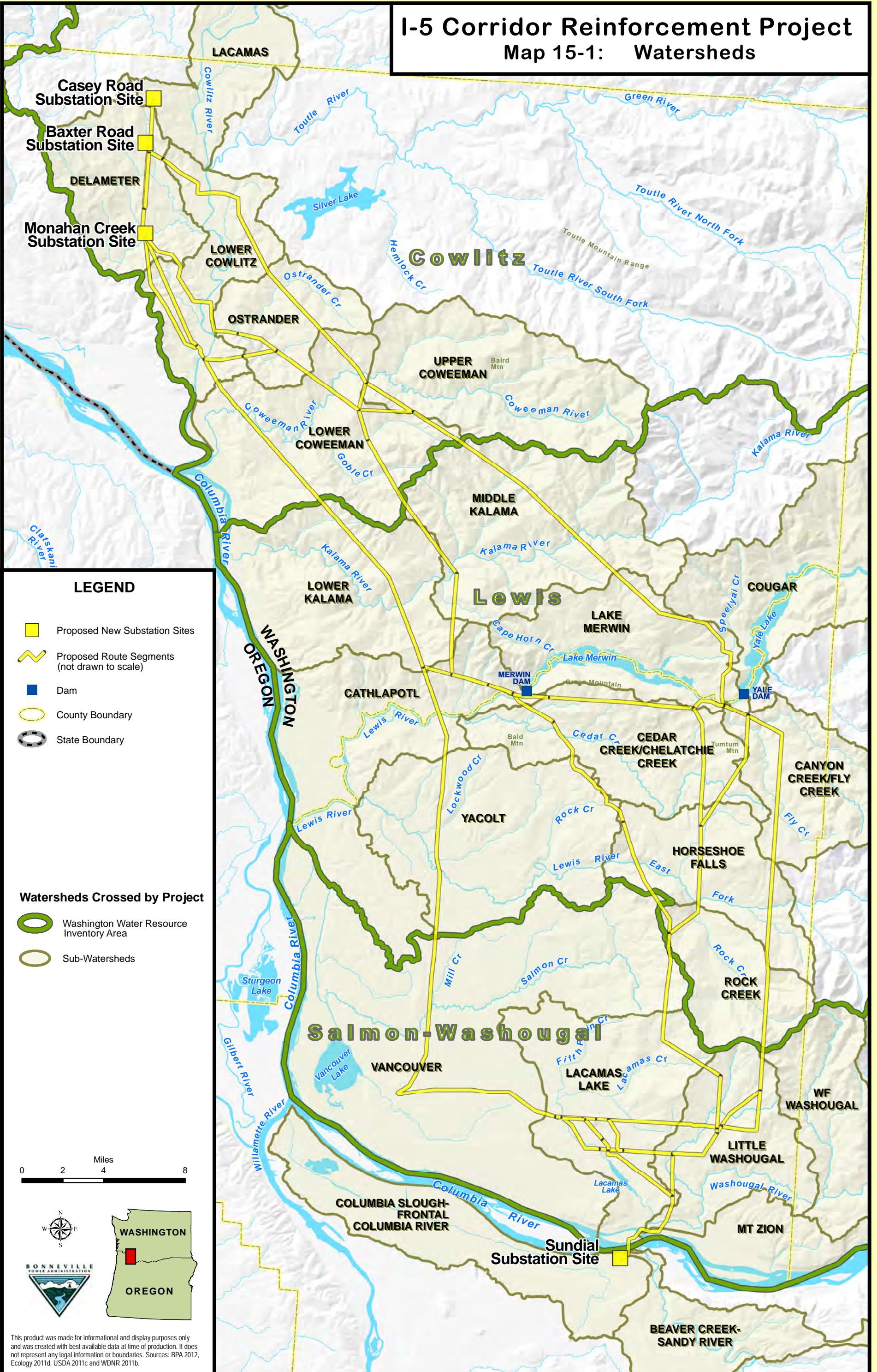
-  Slight
-  Moderate
-  Severe
-  Very Severe



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# I-5 Corridor Reinforcement Project

## Map 15-1: Watersheds



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- Dam
- County Boundary
- State Boundary

### Watersheds Crossed by Project

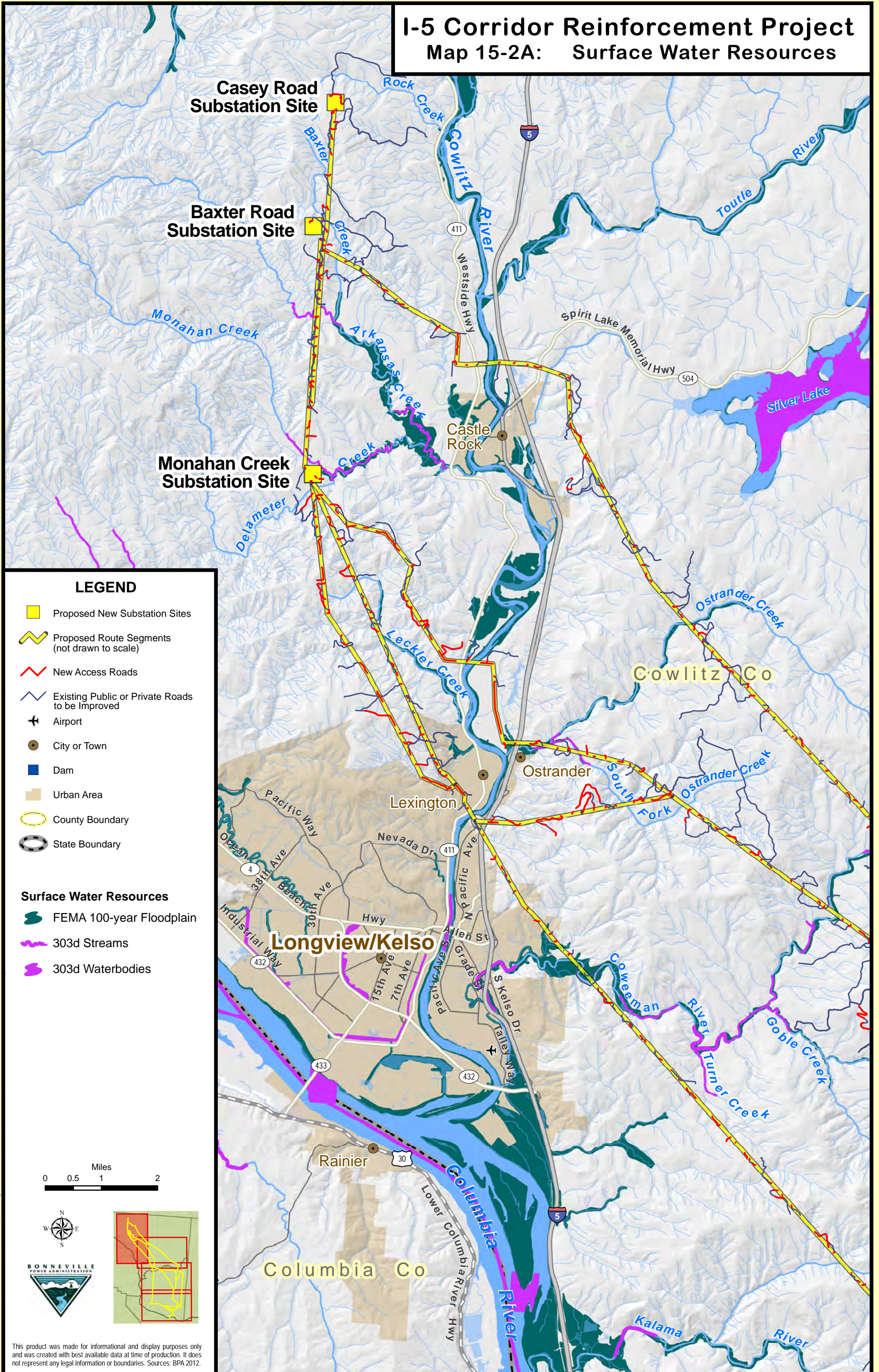
- Washington Water Resource Inventory Area
- Sub-Watersheds



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# I-5 Corridor Reinforcement Project

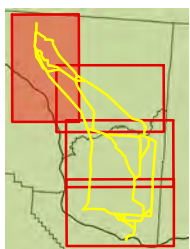
## Map 15-2A: Surface Water Resources



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary

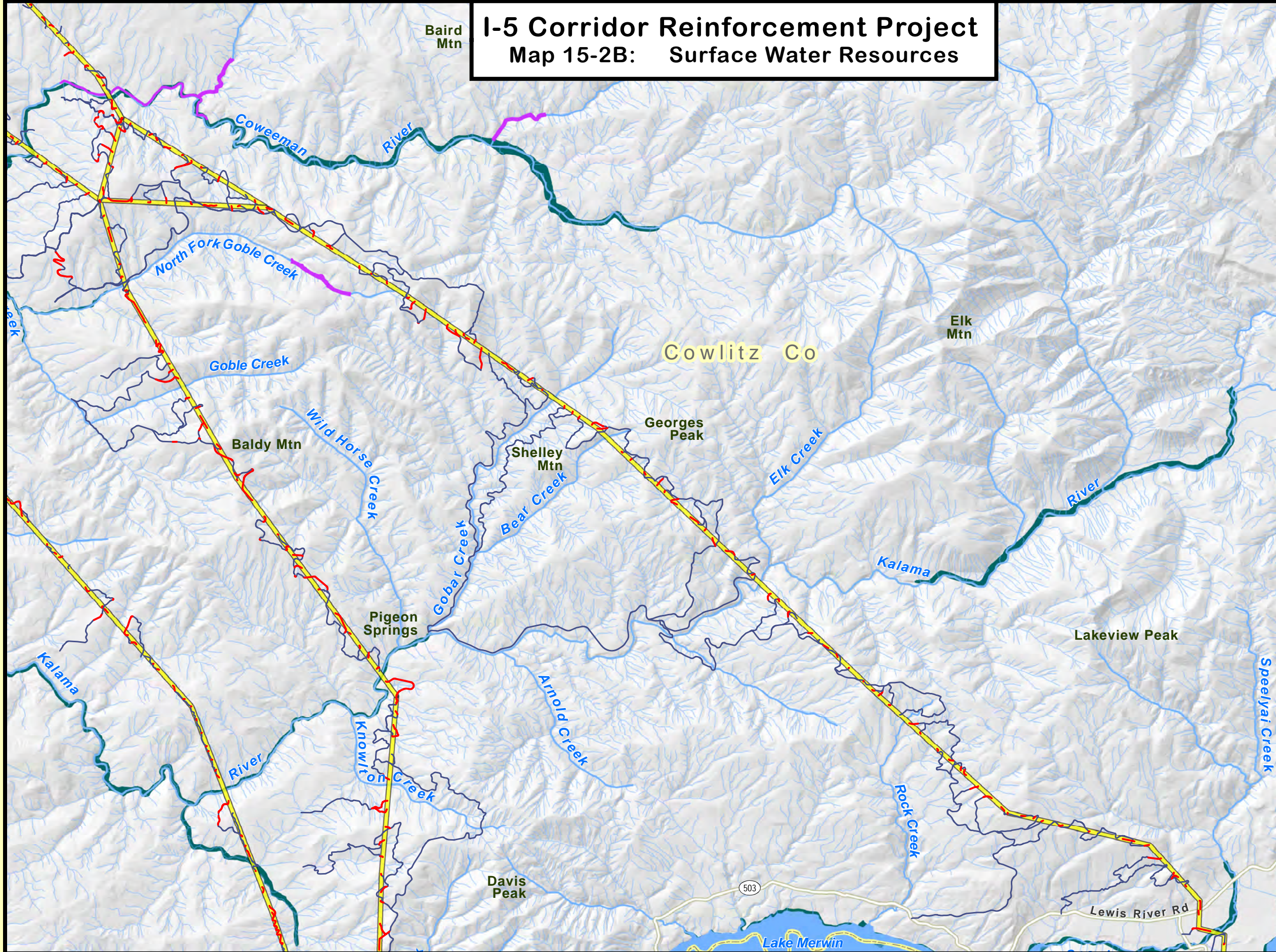
- ### Surface Water Resources
- FEMA 100-year Floodplain
  - 303d Streams
  - 303d Waterbodies



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# I-5 Corridor Reinforcement Project

## Map 15-2B: Surface Water Resources



- ### LEGEND
- Proposed New Substation Sites
  - Proposed Route Segments (not drawn to scale)
  - New Access Roads
  - Existing Public or Private Roads to be Improved
  - Airport
  - City or Town
  - Dam
  - Urban Area
  - County Boundary
  - State Boundary

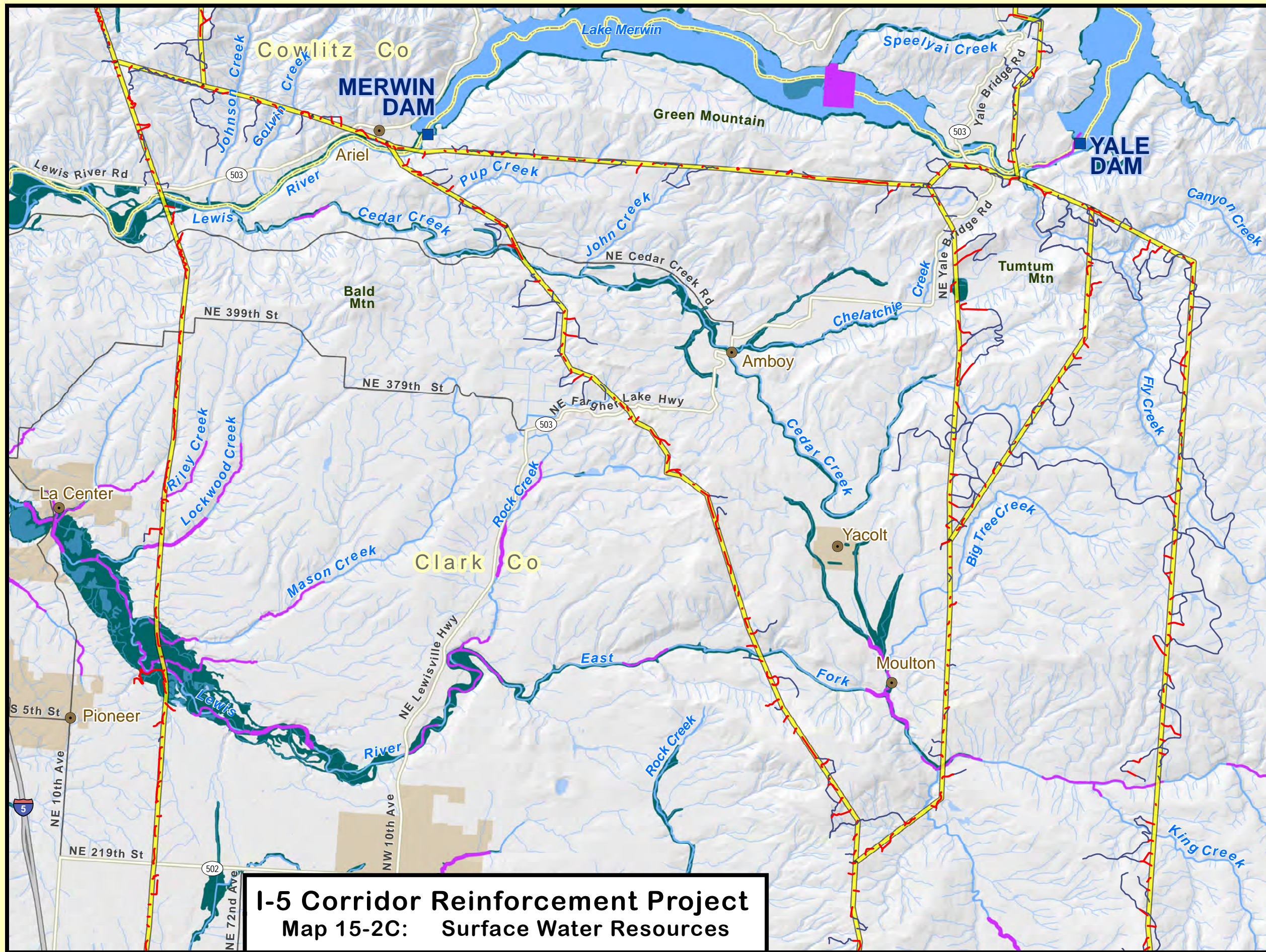
- ### Surface Water Resources
- FEMA 100-year Floodplain
  - 303d Streams
  - 303d Waterbodies

Miles  
0 0.5 1 2











BONNEVILLE  
FOREWATER  
ADMINISTRATION

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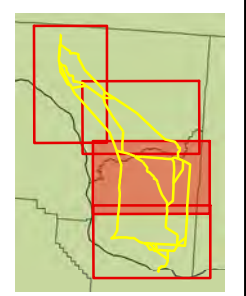


**LEGEND**

-  Proposed New Substation Sites
-  Proposed Route Segments (not drawn to scale)
-  New Access Roads
-  Existing Public or Private Roads to be Improved
-  Airport
-  City or Town
-  Dam
-  Urban Area
-  County Boundary
-  State Boundary

**Surface Water Resources**

-  FEMA 100-year Floodplain
-  303d Streams
-  303d Waterbodies

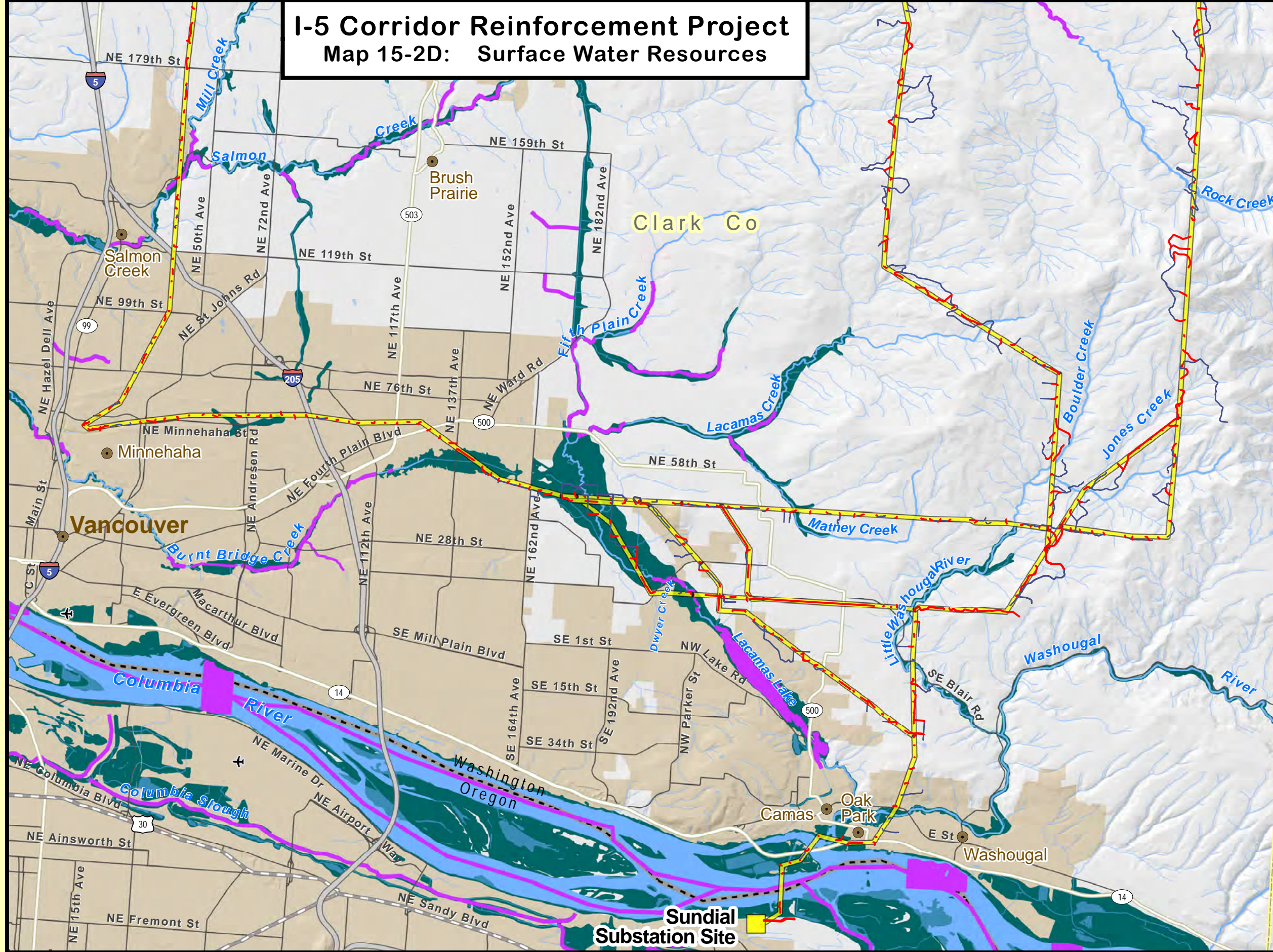


**I-5 Corridor Reinforcement Project**  
**Map 15-2C: Surface Water Resources**

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# I-5 Corridor Reinforcement Project

## Map 15-2D: Surface Water Resources



### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary

### Surface Water Resources

- FEMA 100-year Floodplain
- 303d Streams
- 303d Waterbodies

0 0.5 1 2 Miles

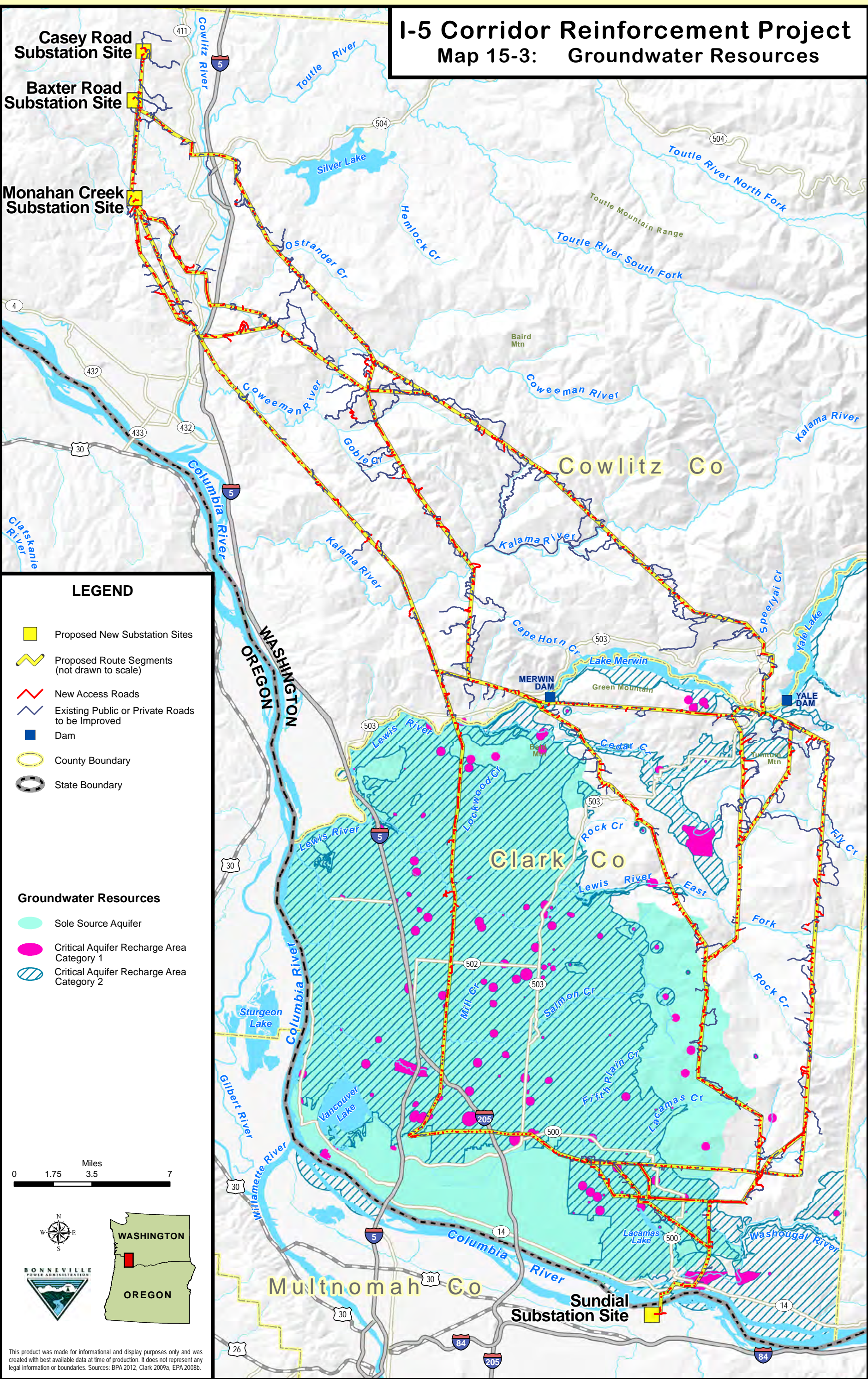
BONNEVILLE  
POWER ADMINISTRATION

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Map 15-2D: Surface Water Resources

# I-5 Corridor Reinforcement Project

## Map 15-3: Groundwater Resources

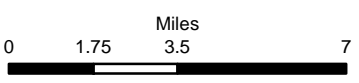


### LEGEND

- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Dam
- County Boundary
- State Boundary

### Groundwater Resources

- Sole Source Aquifer
- Critical Aquifer Recharge Area Category 1
- Critical Aquifer Recharge Area Category 2

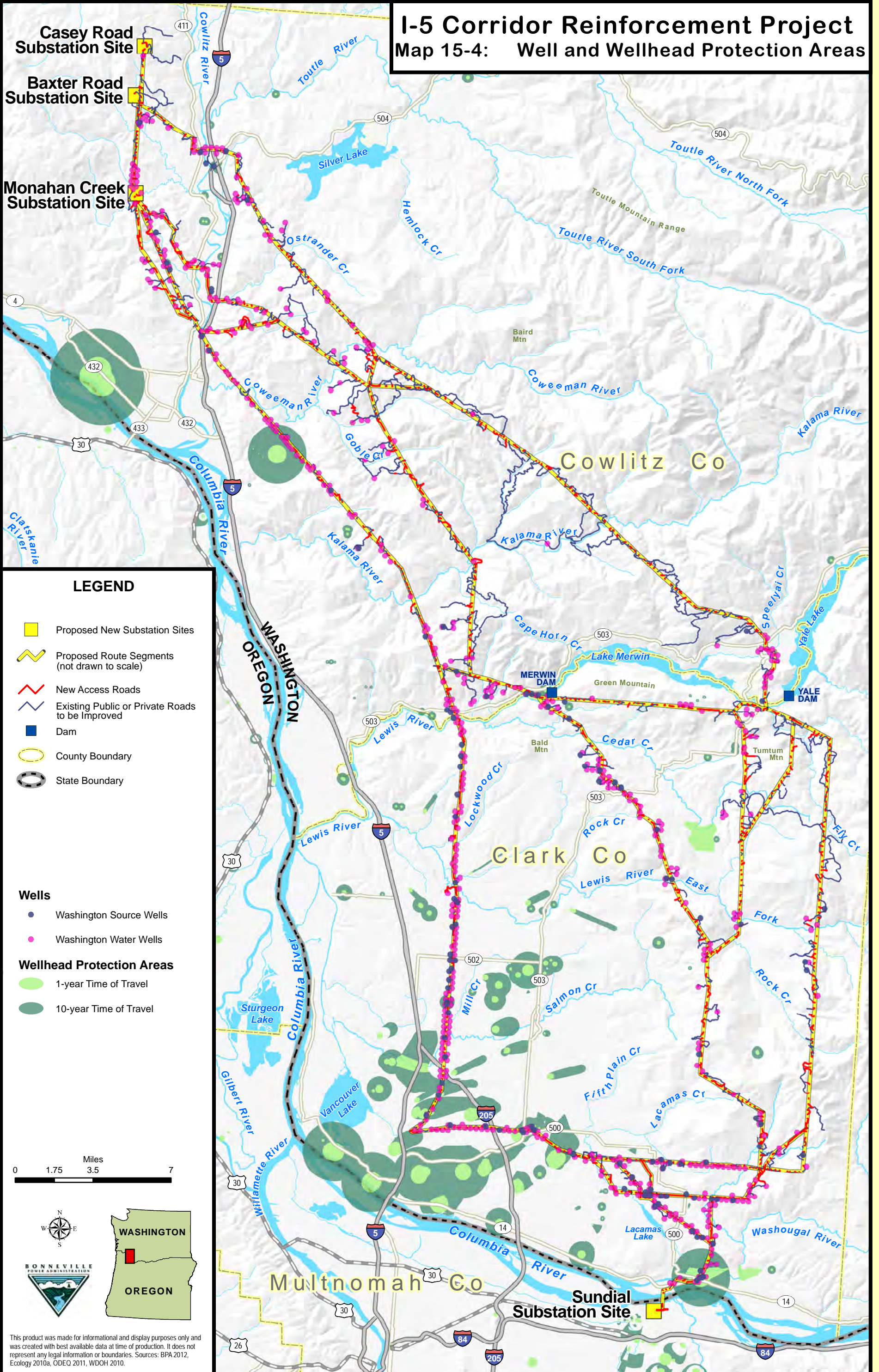


This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Sources: BPA 2012, Clark 2009a, EPA 2008b.

Map 15-3: Groundwater Resources

# I-5 Corridor Reinforcement Project

## Map 15-4: Well and Wellhead Protection Areas



### LEGEND

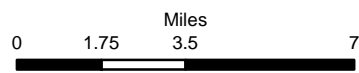
- Proposed New Substation Sites
- Proposed Route Segments (not drawn to scale)
- New Access Roads
- Existing Public or Private Roads to be Improved
- Dam
- County Boundary
- State Boundary

### Wells

- Washington Source Wells
- Washington Water Wells

### Wellhead Protection Areas

- 1-year Time of Travel
- 10-year Time of Travel



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