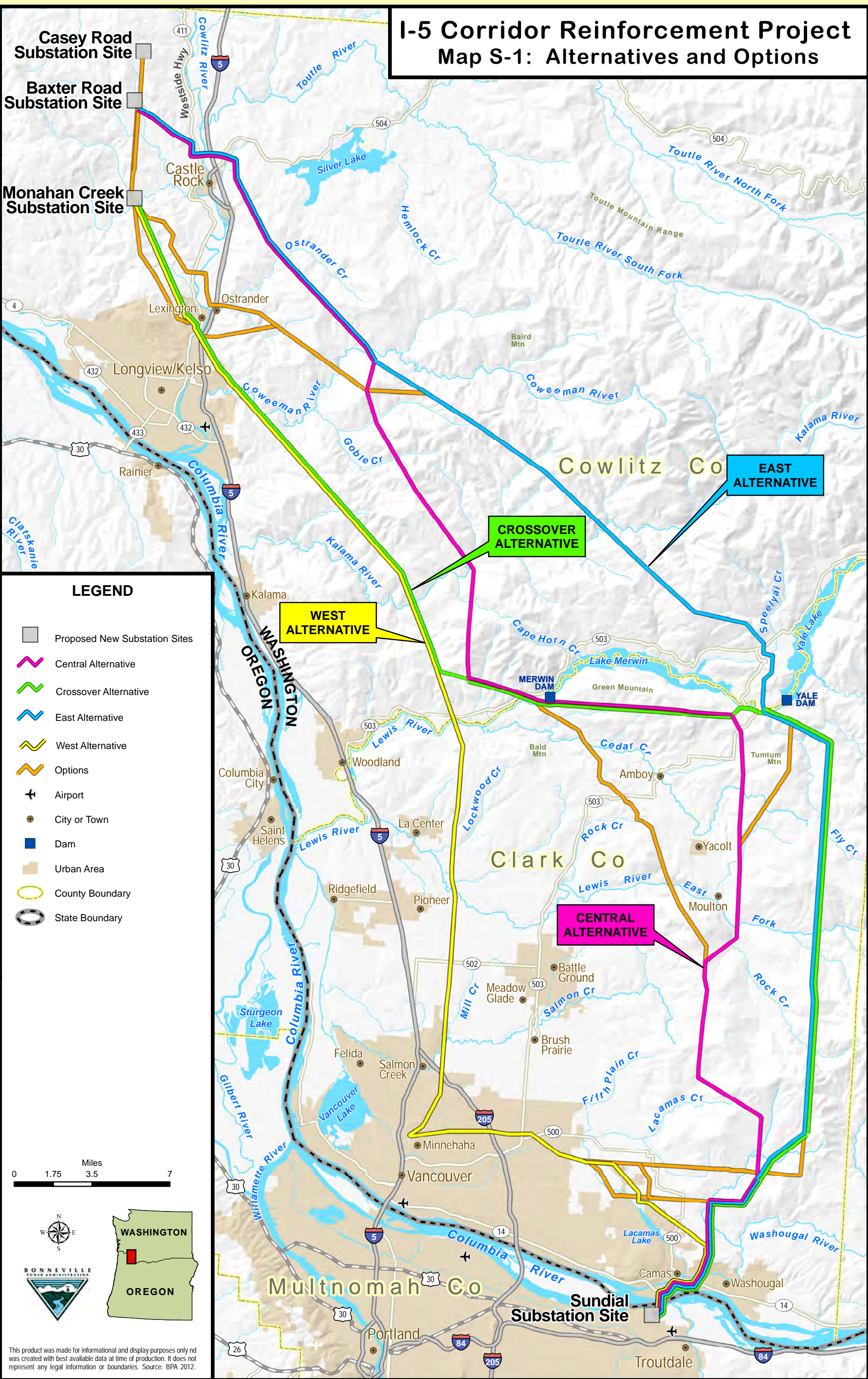


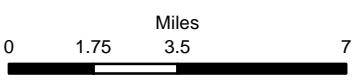
I-5 Corridor Reinforcement Project

Map S-1: Alternatives and Options



LEGEND

- Proposed New Substation Sites
- Central Alternative
- Crossover Alternative
- East Alternative
- West Alternative
- Options
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary

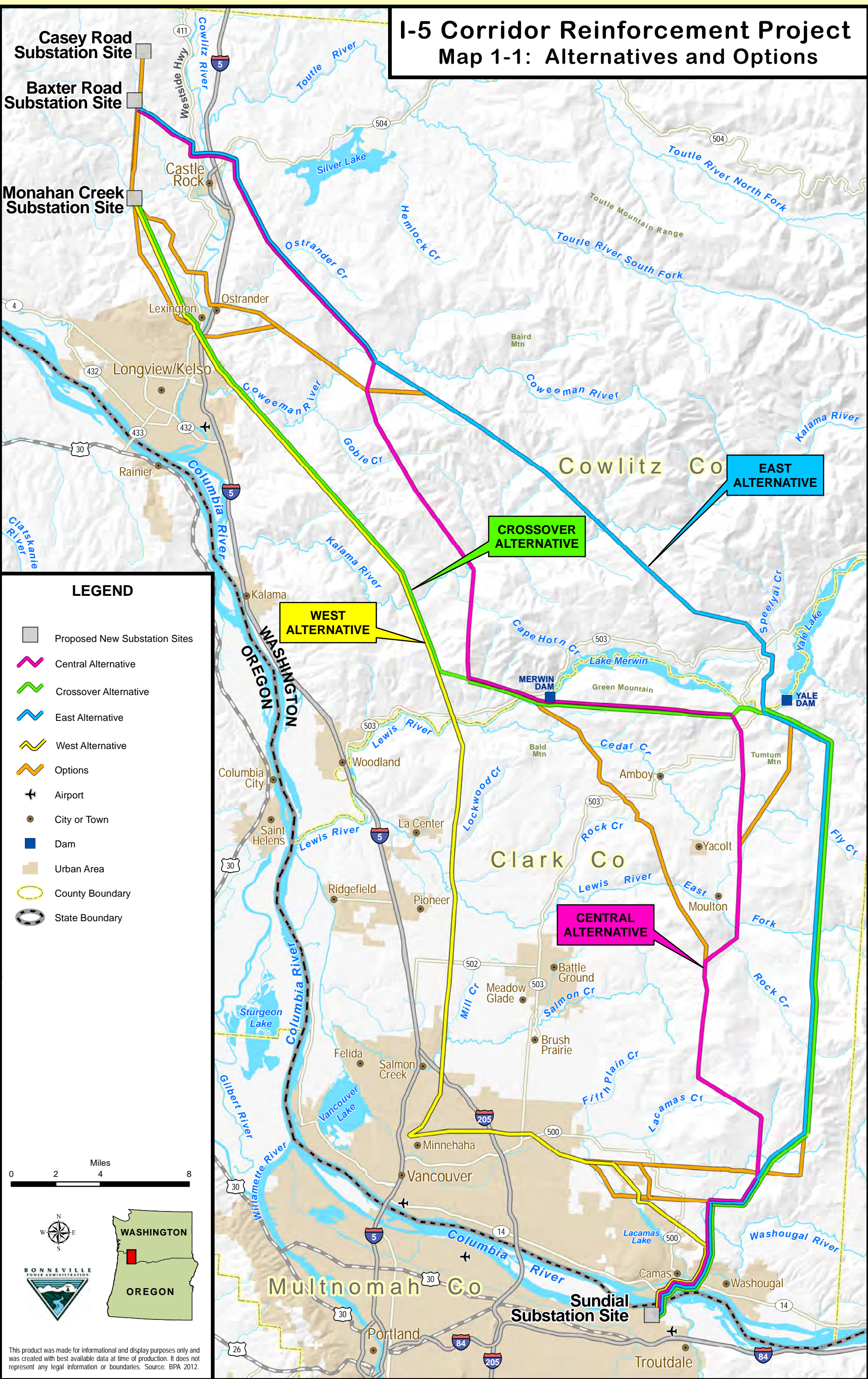


This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Source: BPA 2012.

Map S-1: Alternatives and Options

I-5 Corridor Reinforcement Project

Map 1-1: Alternatives and Options



LEGEND

- Proposed New Substation Sites
- Central Alternative
- Crossover Alternative
- East Alternative
- West Alternative
- Options
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary

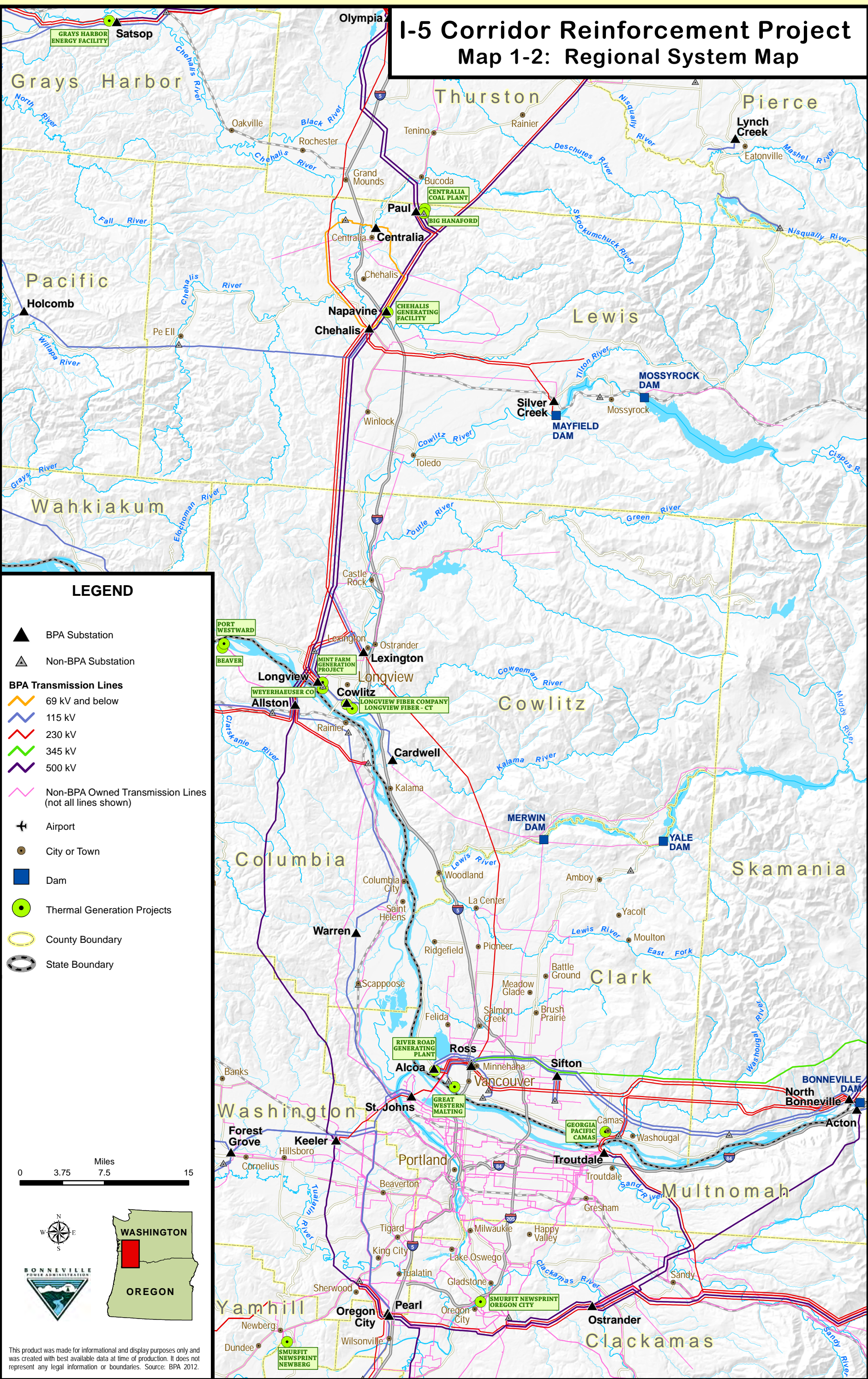
Map 1-1: Alternatives and Options



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. Source: BPA 2012.

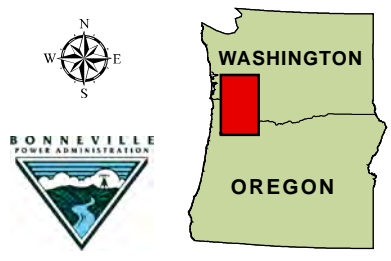
I-5 Corridor Reinforcement Project

Map 1-2: Regional System Map



LEGEND

- ▲ BPA Substation
- ▲ Non-BPA Substation
- BPA Transmission Lines**
 - 69 kV and below
 - 115 kV
 - 230 kV
 - 345 kV
 - 500 kV
- Non-BPA Owned Transmission Lines (not all lines shown)
- ✈ Airport
- City or Town
- Dam
- Thermal Generation Projects
- County Boundary
- State Boundary



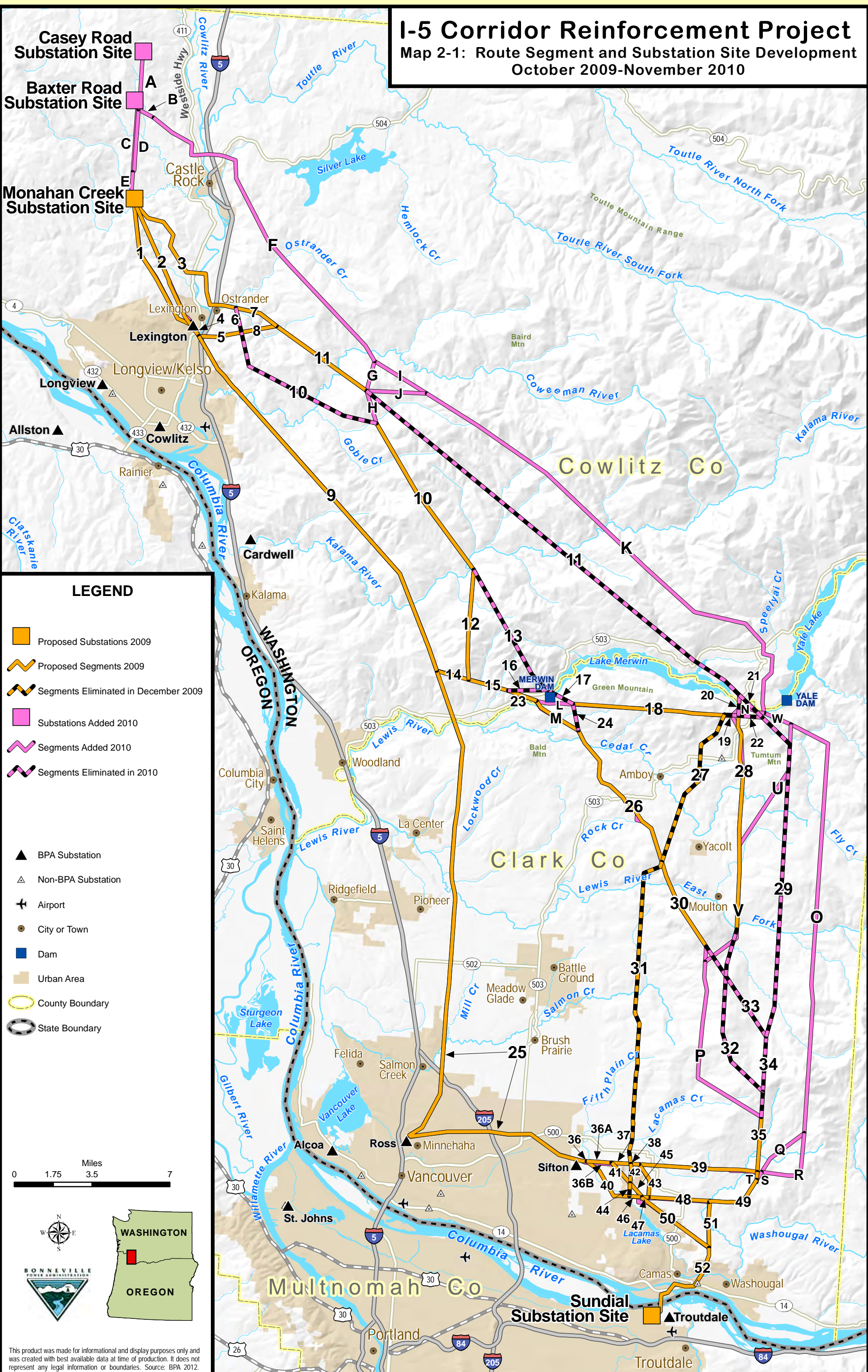
Map 1-2: Regional System Map

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. Source: BPA 2012.

I-5 Corridor Reinforcement Project

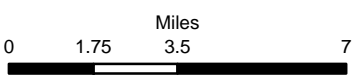
Map 2-1: Route Segment and Substation Site Development

October 2009-November 2010



LEGEND

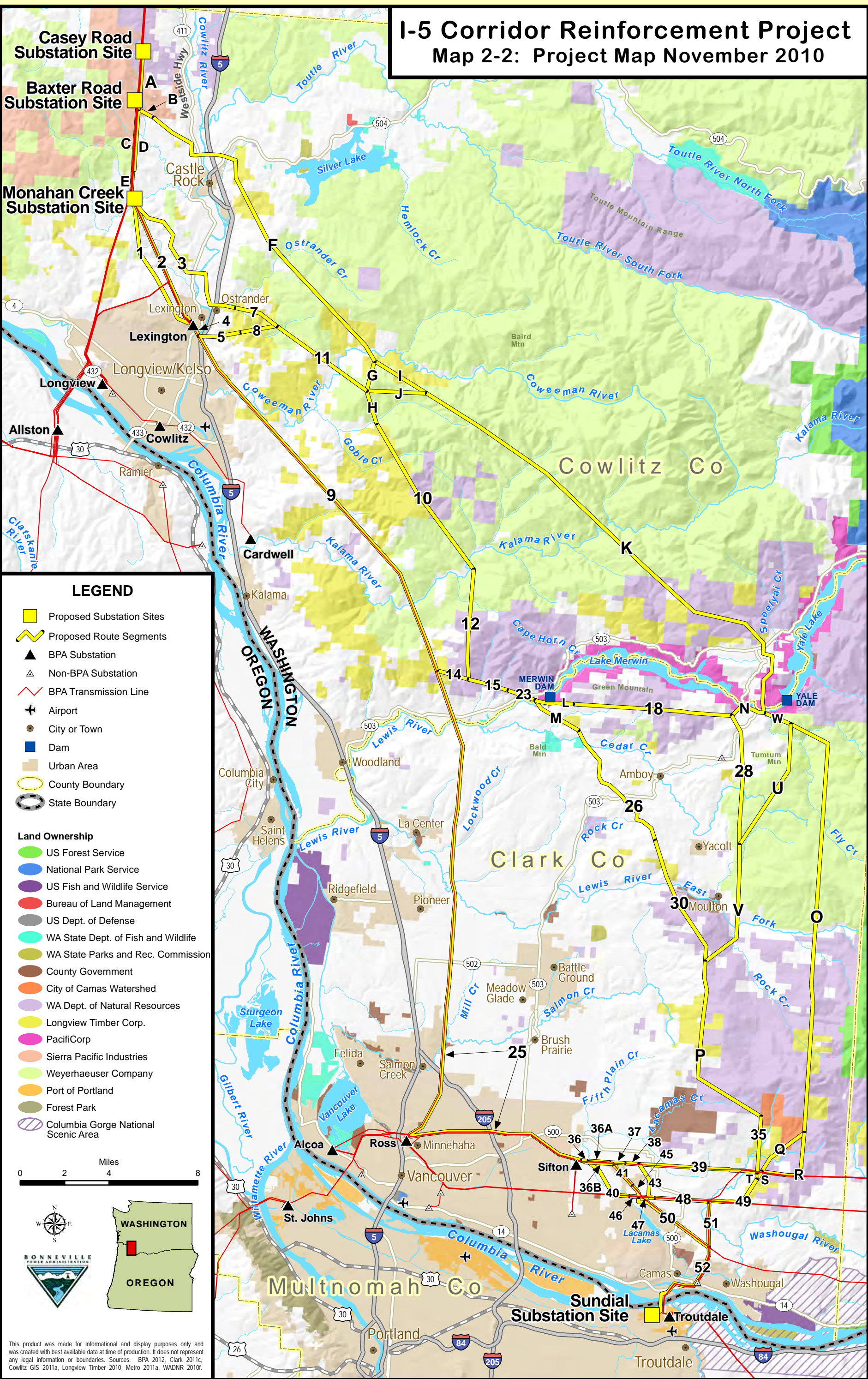
- Proposed Substations 2009
- Proposed Segments 2009
- Segments Eliminated in December 2009
- Substations Added 2010
- Segments Added 2010
- Segments Eliminated in 2010
- BPA Substation
- Non-BPA Substation
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary



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. Source: BPA 2012.

Map 2-1: Route Segment and Substation Site Development: October 2009-November 2010

I-5 Corridor Reinforcement Project Map 2-2: Project Map November 2010



LEGEND

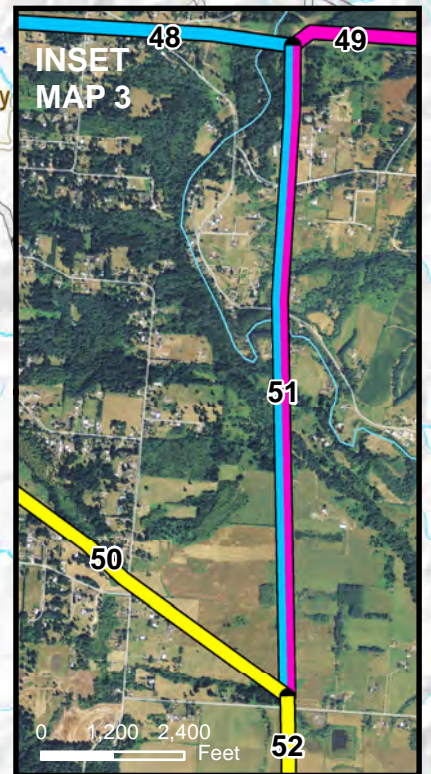
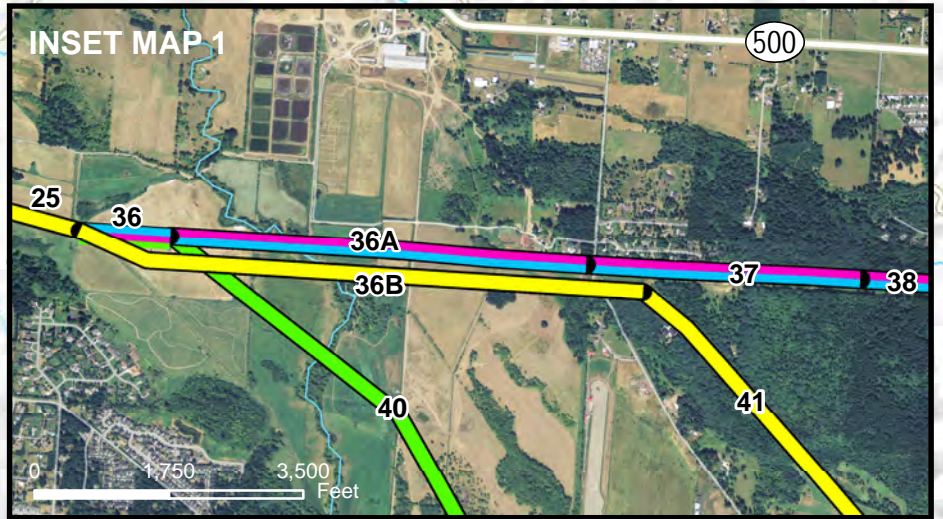
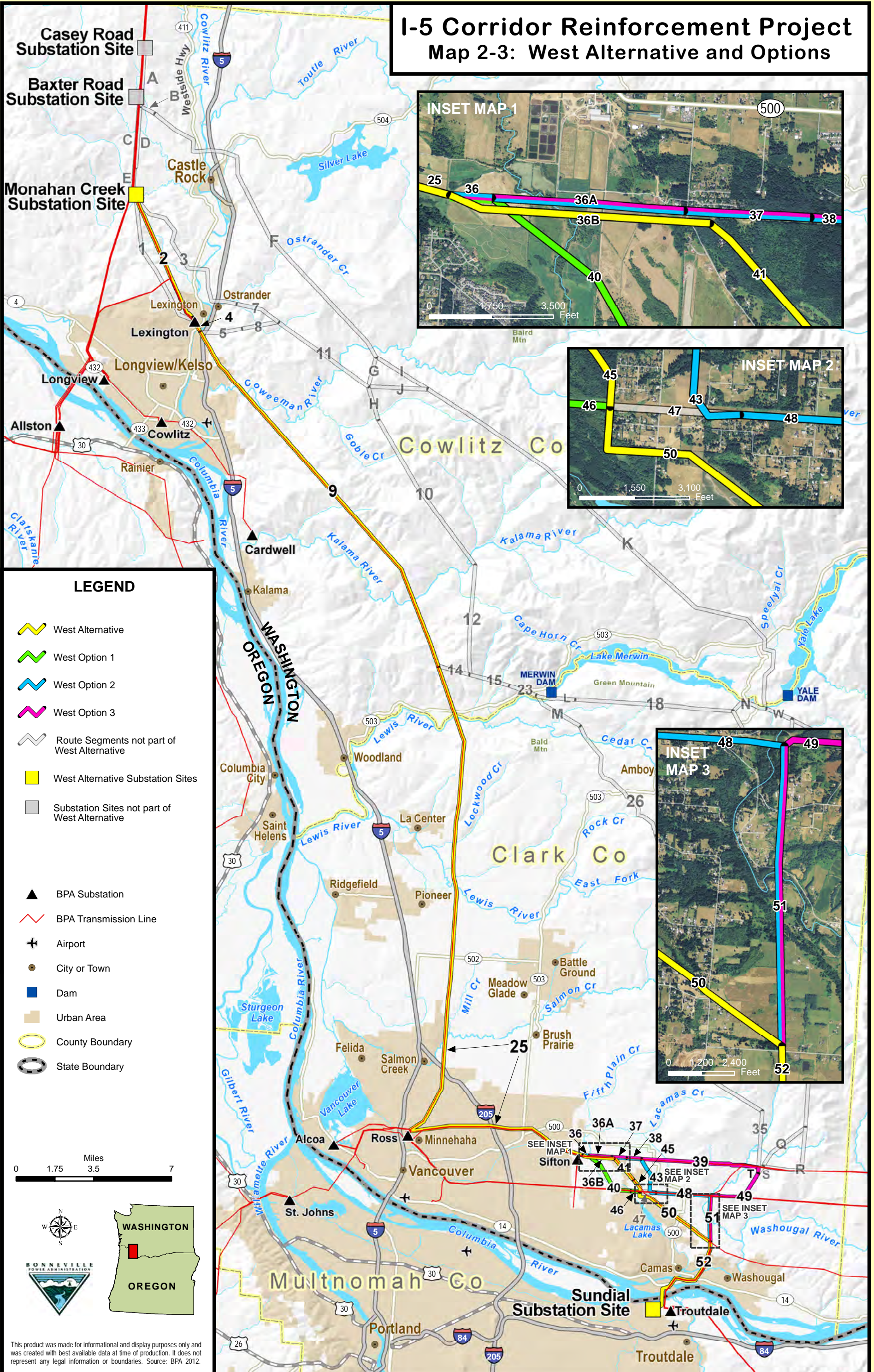
- Proposed Substation Sites
 - Proposed Route Segments
 - BPA Substation
 - Non-BPA Substation
 - BPA Transmission Line
 - Airport
 - City or Town
 - Dam
 - Urban Area
 - County Boundary
 - State Boundary
- Land Ownership**
- US Forest Service
 - National Park Service
 - US Fish and Wildlife Service
 - Bureau of Land Management
 - US Dept. of Defense
 - WA State Dept. of Fish and Wildlife
 - WA State Parks and Rec. Commission
 - County Government
 - City of Camas Watershed
 - WA Dept. of Natural Resources
 - Longview Timber Corp.
 - PacifiCorp
 - Sierra Pacific Industries
 - Weyerhaeuser Company
 - Port of Portland
 - Forest Park
 - Columbia Gorge National Scenic Area



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 2011c, Cowlitz GIS 2011a, Longview Timber 2010, Metro 2011a, WADNR 2010f.

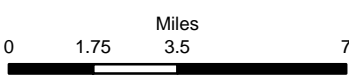
Map 2-2: Project Map November 2010

I-5 Corridor Reinforcement Project Map 2-3: West Alternative and Options



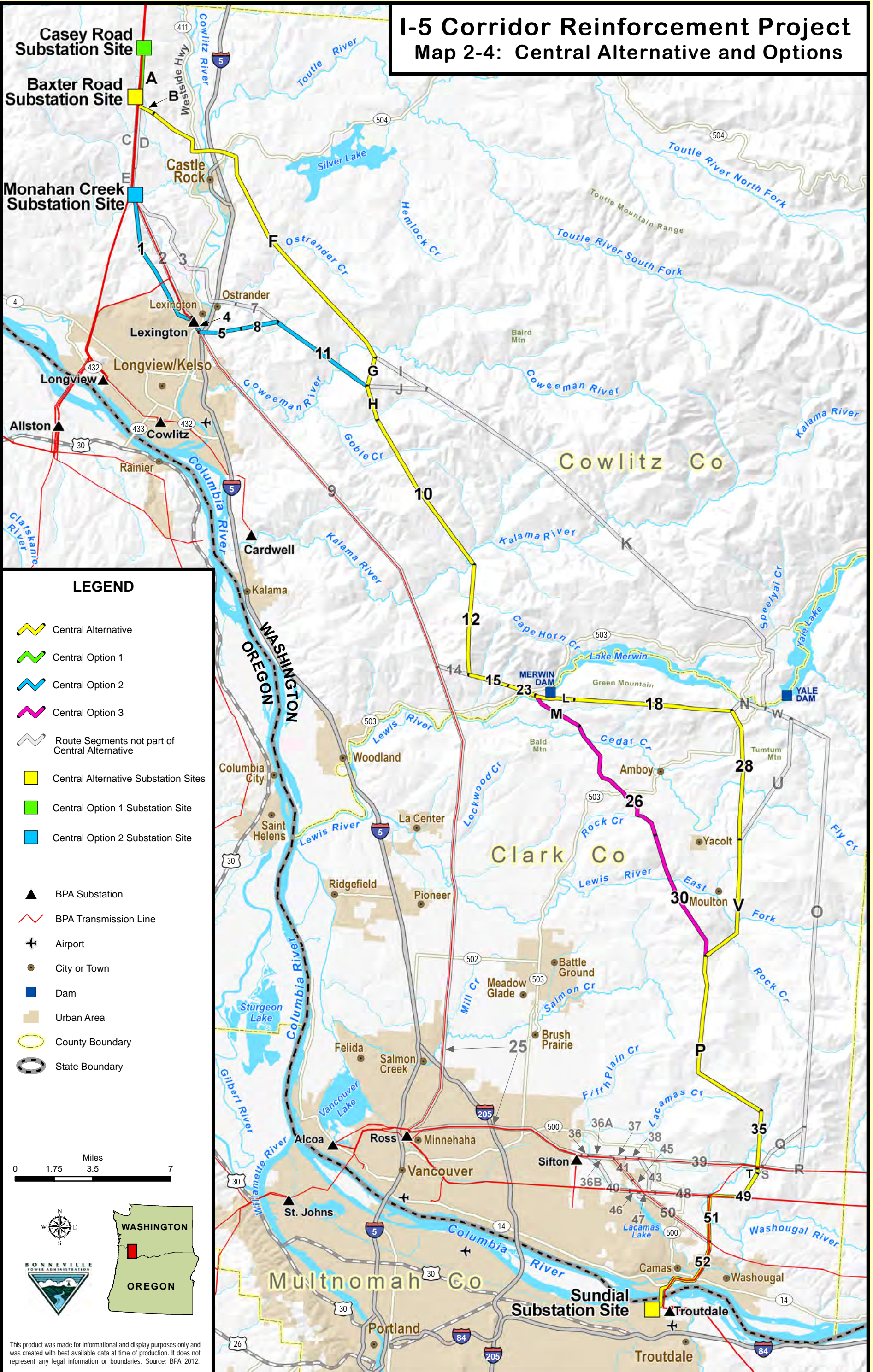
LEGEND

- West Alternative
- West Option 1
- West Option 2
- West Option 3
- Route Segments not part of West Alternative
- West Alternative Substation Sites
- Substation Sites not part of West Alternative
- BPA Substation
- BPA Transmission Line
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary



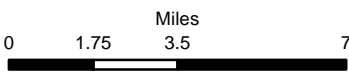
This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Source: BPA 2012.

I-5 Corridor Reinforcement Project Map 2-4: Central Alternative and Options



LEGEND

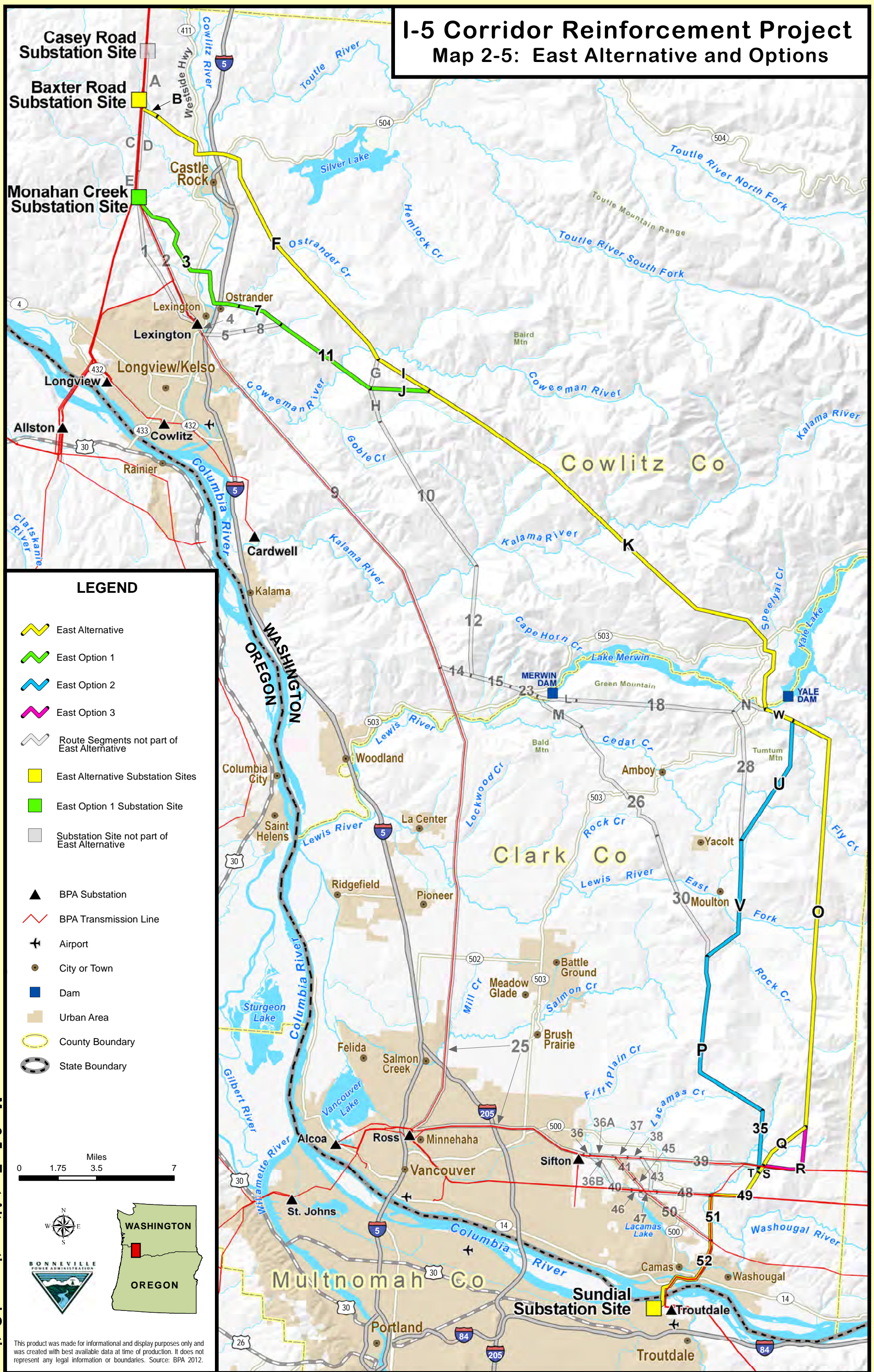
- Central Alternative
- Central Option 1
- Central Option 2
- Central Option 3
- Route Segments not part of Central Alternative
- Central Alternative Substation Sites
- Central Option 1 Substation Site
- Central Option 2 Substation Site
- BPA Substation
- BPA Transmission Line
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary



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. Source: BPA 2012.

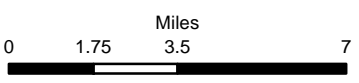
tear here

I-5 Corridor Reinforcement Project Map 2-5: East Alternative and Options



LEGEND

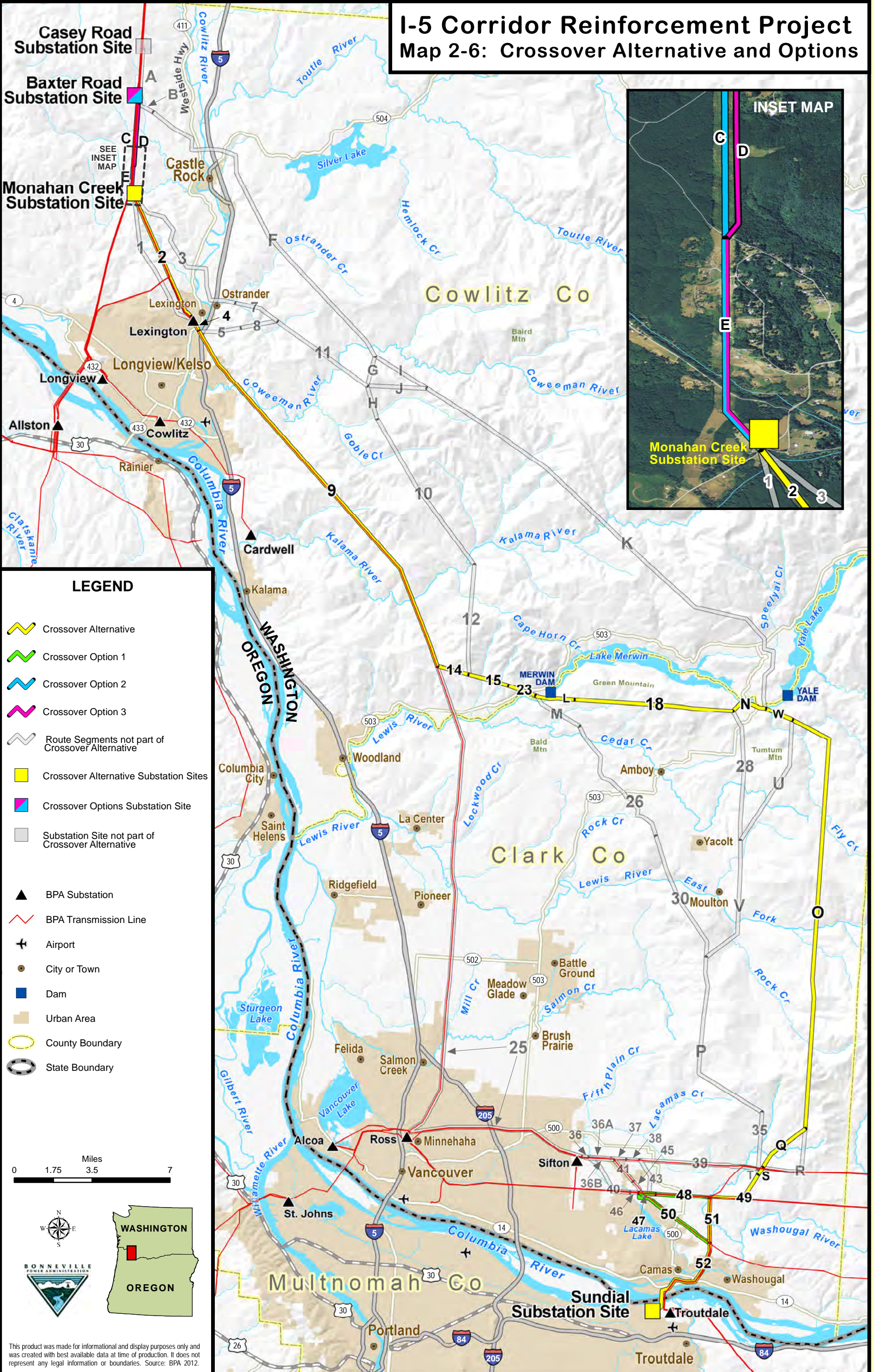
- East Alternative
- East Option 1
- East Option 2
- East Option 3
- Route Segments not part of East Alternative
- East Alternative Substation Sites
- East Option 1 Substation Site
- Substation Site not part of East Alternative
- BPA Substation
- BPA Transmission Line
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary



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. Source: BPA 2012.

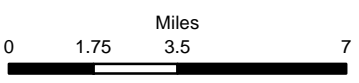
Map2-5: East Alternative and Options

I-5 Corridor Reinforcement Project Map 2-6: Crossover Alternative and Options



LEGEND

- Crossover Alternative
- Crossover Option 1
- Crossover Option 2
- Crossover Option 3
- Route Segments not part of Crossover Alternative
- Crossover Alternative Substation Sites
- Crossover Options Substation Site
- Substation Site not part of Crossover Alternative
- BPA Substation
- BPA Transmission Line
- Airport
- City or Town
- Dam
- Urban Area
- County Boundary
- State Boundary

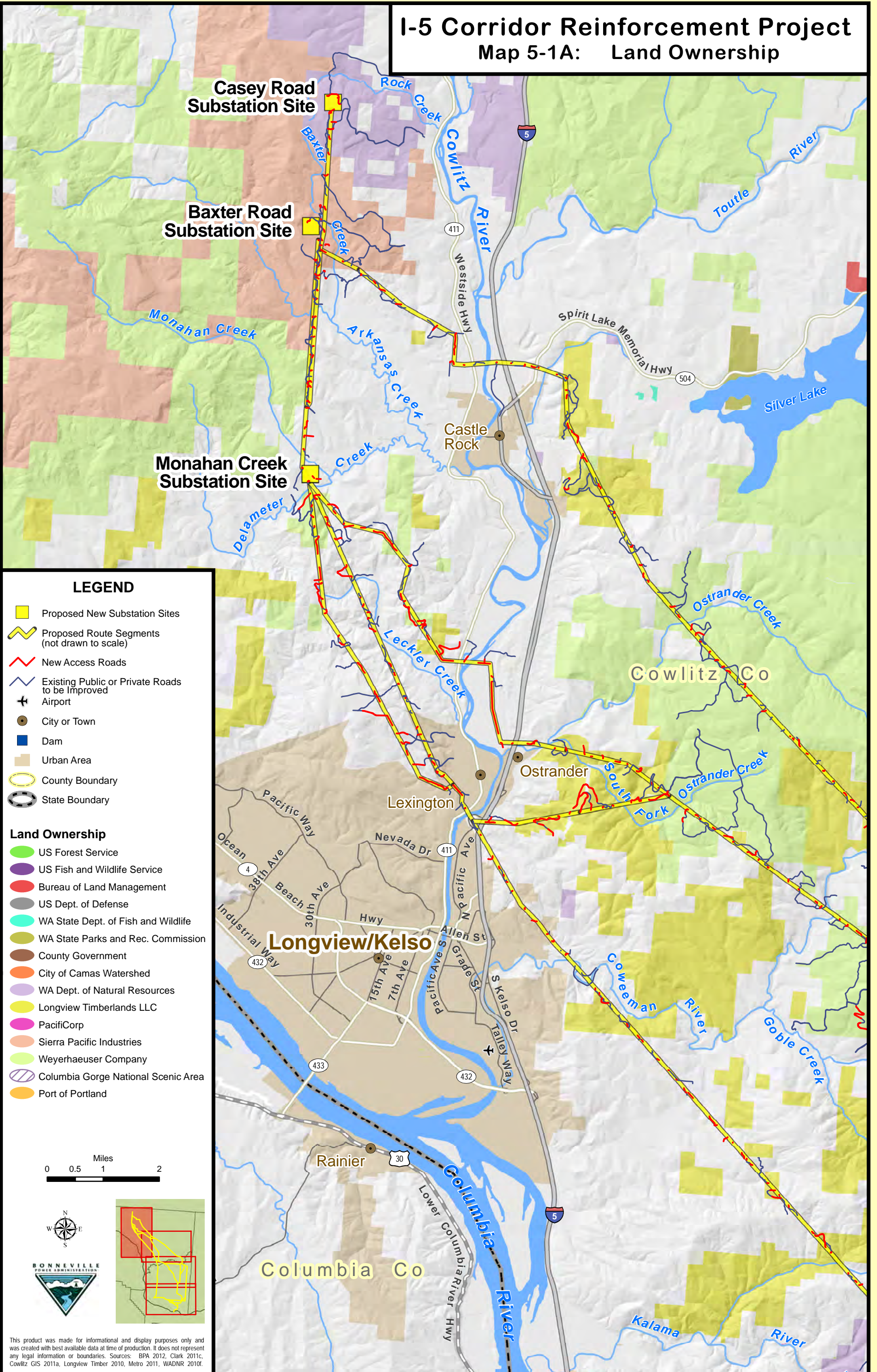


This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Source: BPA 2012.

Map 2-6: Crossover Alternative and Options

I-5 Corridor Reinforcement Project

Map 5-1A: Land Ownership

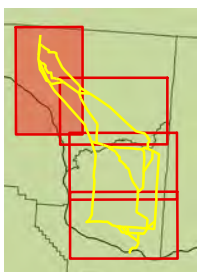


LEGEND

- 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

Land Ownership

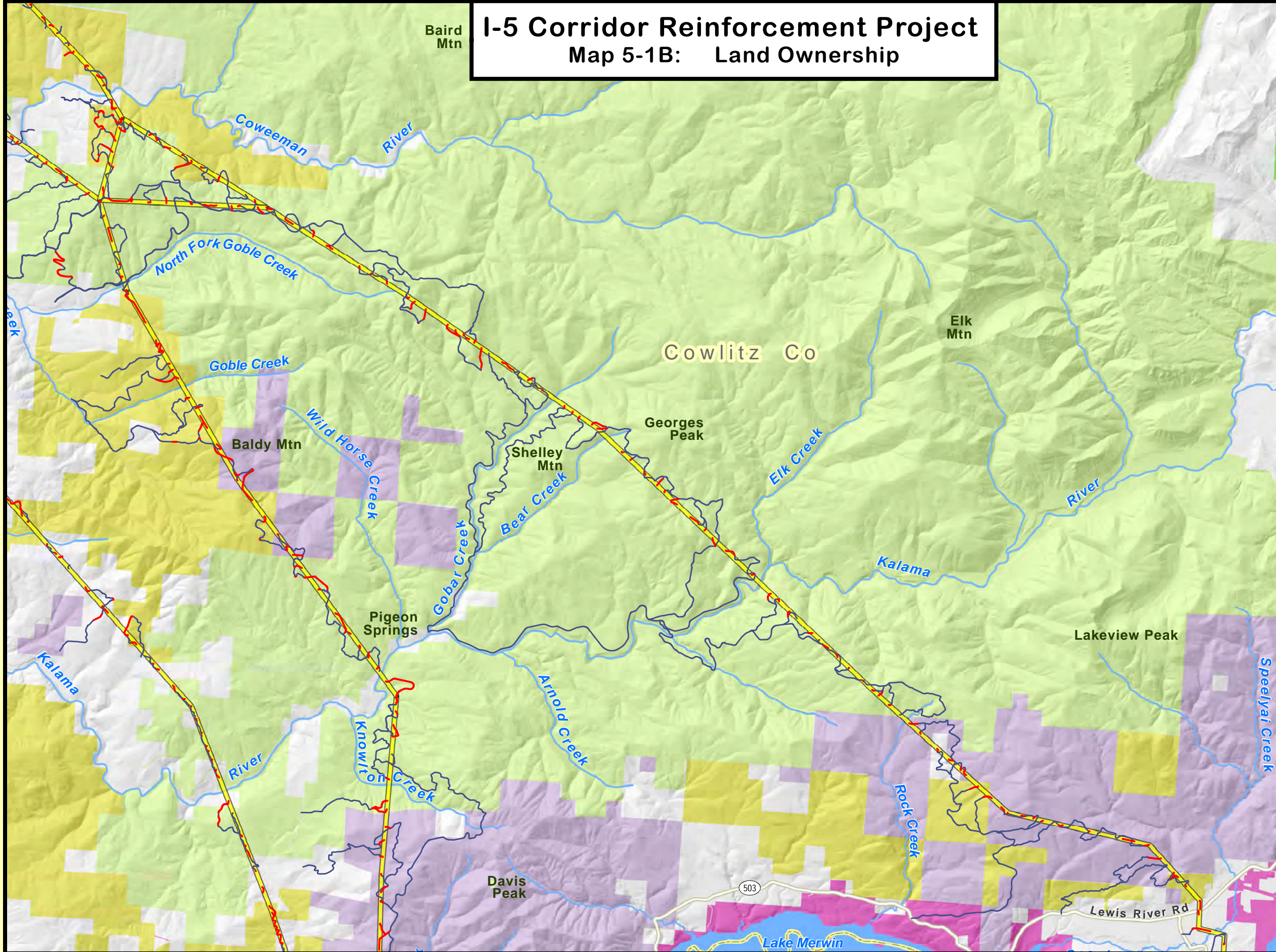
- US Forest Service
- US Fish and Wildlife Service
- Bureau of Land Management
- US Dept. of Defense
- WA State Dept. of Fish and Wildlife
- WA State Parks and Rec. Commission
- County Government
- City of Camas Watershed
- WA Dept. of Natural Resources
- Longview Timberlands LLC
- PacifiCorp
- Sierra Pacific Industries
- Weyerhaeuser Company
- Columbia Gorge National Scenic Area
- Port of Portland



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 2011c, Cowlitz GIS 2011a, Longview Timber 2010, Metro 2011, WADNR 2010f.

I-5 Corridor Reinforcement Project

Map 5-1B: Land Ownership



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

Land Ownership

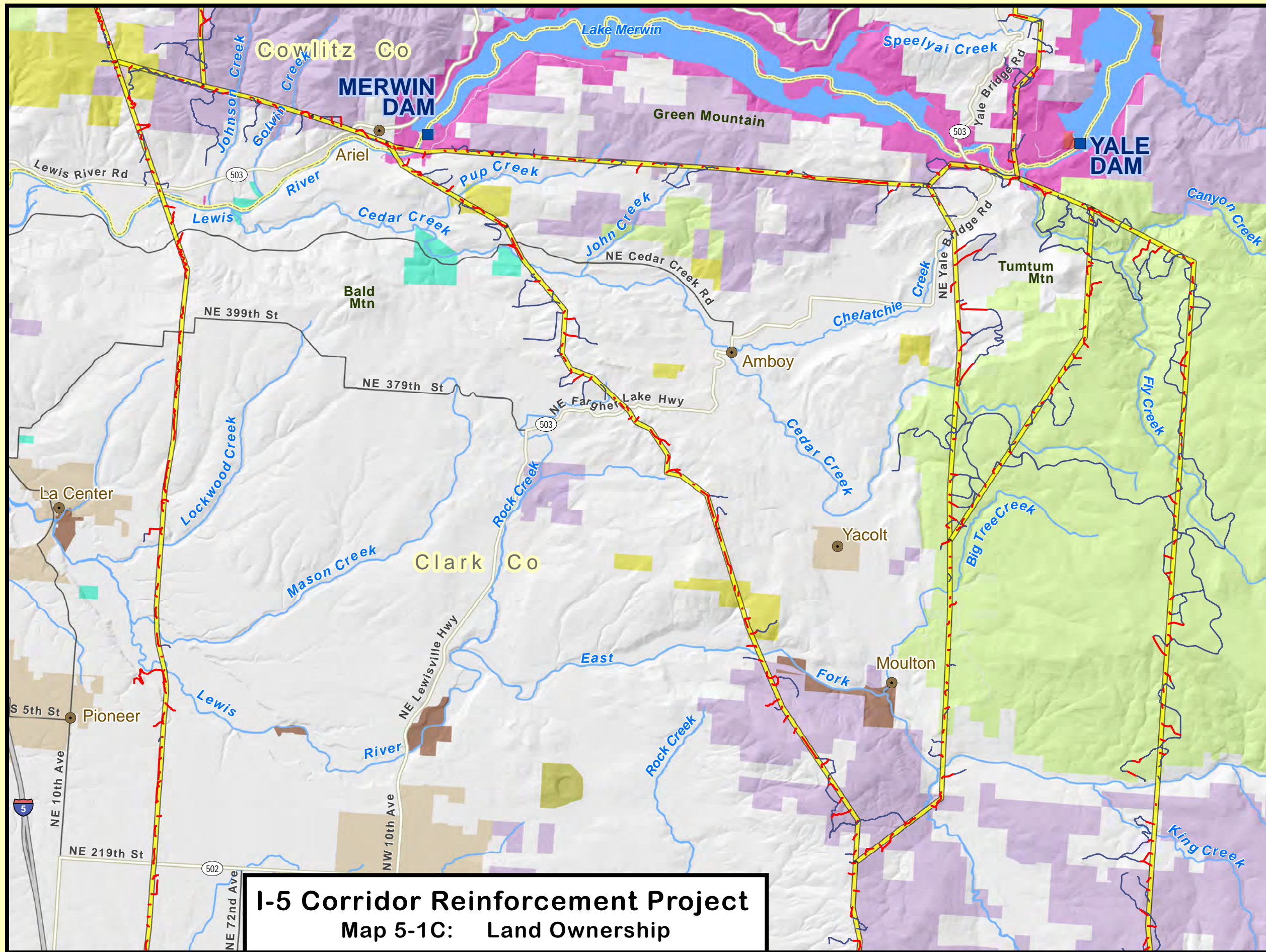
- US Forest Service
- US Fish and Wildlife Service
- Bureau of Land Management
- US Dept. of Defense
- WA State Dept. of Fish and Wildlife
- WA State Parks and Rec. Commission
- County Government
- City of Camas Watershed
- WA Dept. of Natural Resources
- Longview Timberlands LLC
- PacifiCorp
- Sierra Pacific Industries
- Weyerhaeuser Company
- Columbia Gorge National Scenic Area
- Port of Portland

Miles
0 0.5 1 2

BONNEVILLE
FOREVER ADMINISTRATION

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 2011c, Cowlitz GIS 2011a, Longview Timber 2010, Metro 2011a, WADNR 2010f.

Map 5-1B: Land Ownership

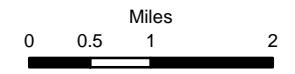


LEGEND

- 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

Land Ownership

- US Forest Service
- US Fish and Wildlife Service
- Bureau of Land Management
- US Dept. of Defense
- WA State Dept. of Fish and Wildlife
- WA State Parks and Rec. Commission
- County Government
- City of Camas Watershed
- WA Dept. of Natural Resources
- Longview Timberlands LLC
- PacifiCorp
- Sierra Pacific Industries
- Weyerhaeuser Company
- Columbia Gorge National Scenic Area
- Port of Portland

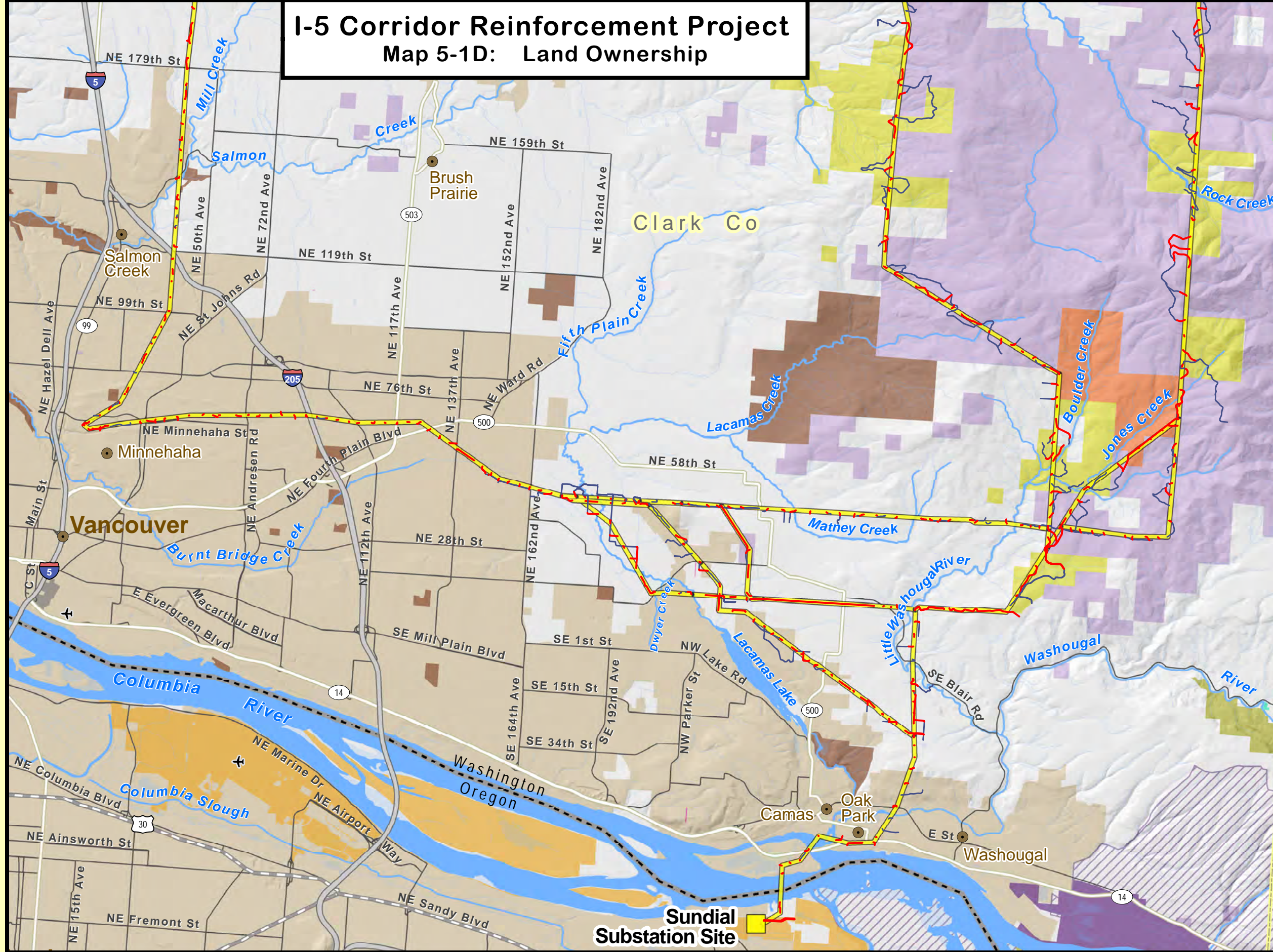


This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Sources: BPA 2012, Clark 2011c, Cowlitz GIS 2011a, Longview Timber 2010, Metro 2011a, WADNR 2010f.

I-5 Corridor Reinforcement Project
Map 5-1C: Land Ownership

I-5 Corridor Reinforcement Project

Map 5-1D: Land Ownership



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

Land Ownership

- US Forest Service
- US Fish and Wildlife Service
- Bureau of Land Management
- US Dept. of Defense
- WA State Dept. of Fish and Wildlife
- WA State Parks and Rec. Commission
- County Government
- City of Camas Watershed
- WA Dept. of Natural Resources
- Longview Timberlands LLC
- PacifiCorp
- Sierra Pacific Industries
- Weyerhaeuser Company
- Columbia Gorge National Scenic Area
- Port of Portland

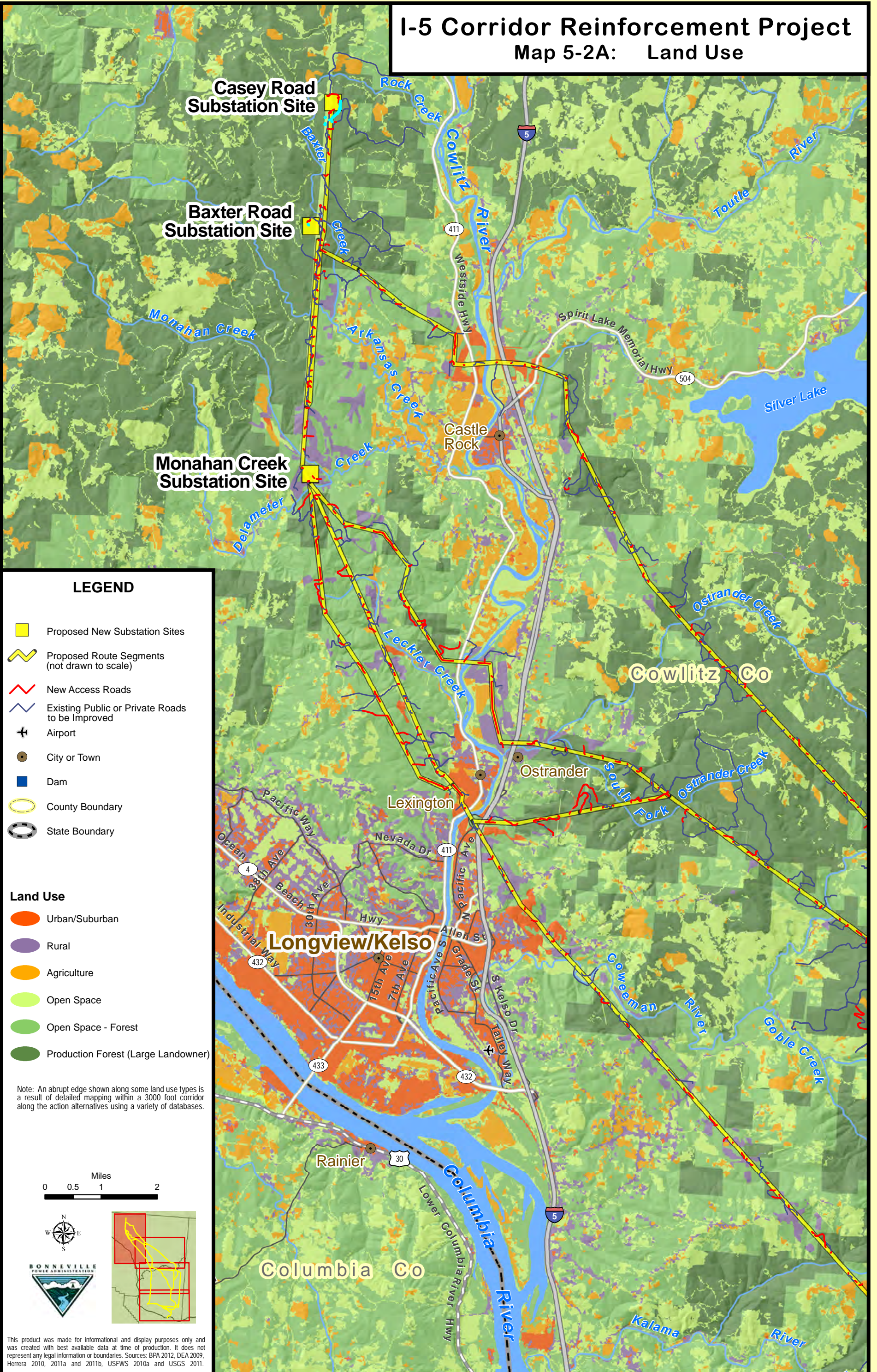
Miles
0 0.5 1 2

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 2011c, Cowltz GIS 2011a, Longview Timber 2010, Metro 2011a, WADNR 2010f.

Map 5-1D: Land Ownership

I-5 Corridor Reinforcement Project

Map 5-2A: Land Use



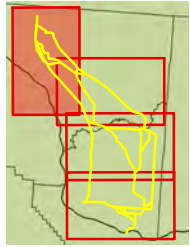
LEGEND

- 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

Land Use

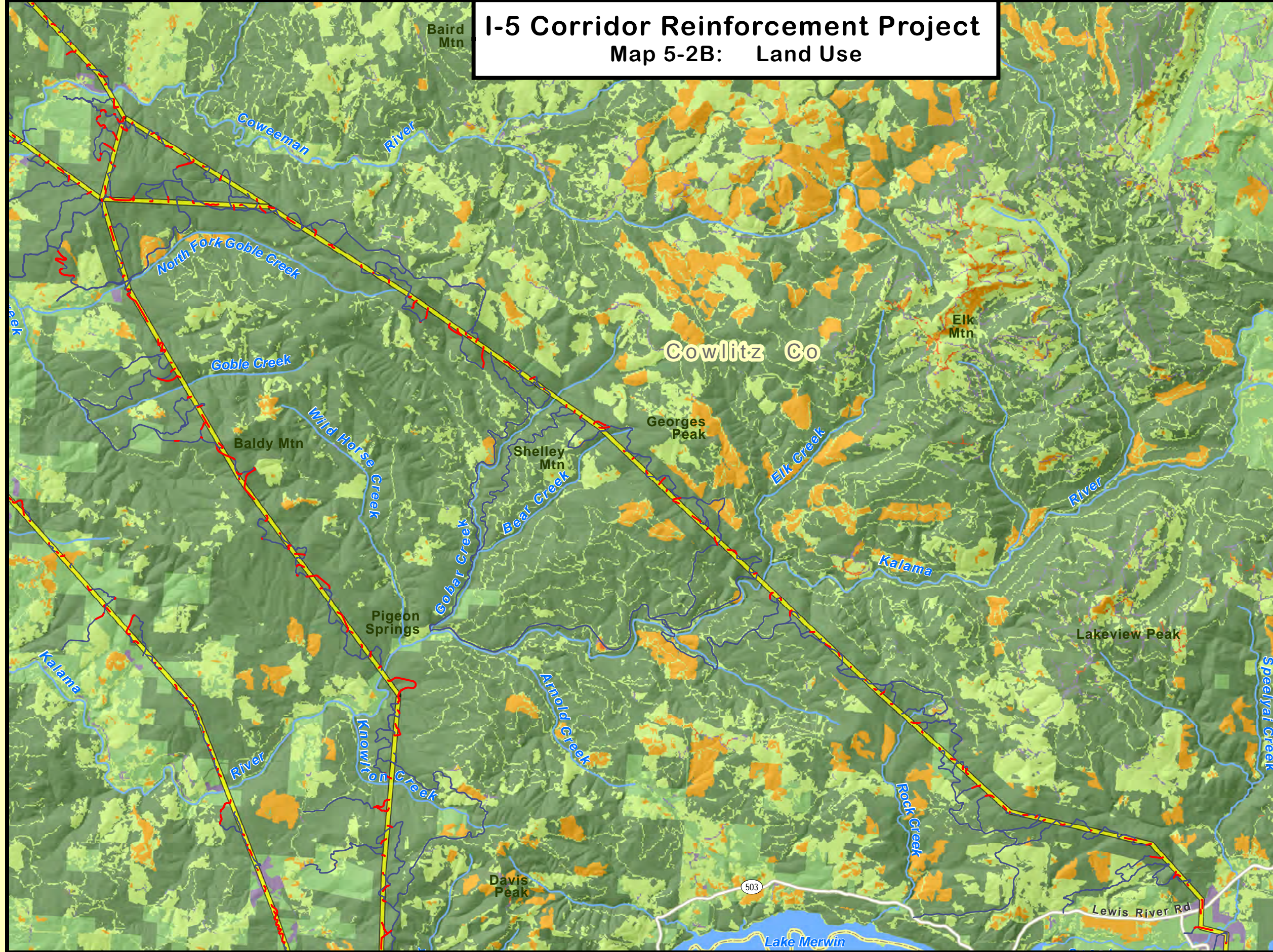
- Urban/Suburban
- Rural
- Agriculture
- Open Space
- Open Space - Forest
- Production Forest (Large Landowner)

Note: An abrupt edge shown along some land use types is a result of detailed mapping within a 3000 foot corridor along the action alternatives using a variety of databases.



I-5 Corridor Reinforcement Project

Map 5-2B: Land Use



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

Land Use

- Urban/Suburban
- Rural
- Agriculture
- Open Space
- Open Space - Forest
- Production Forest (Large Landowner)

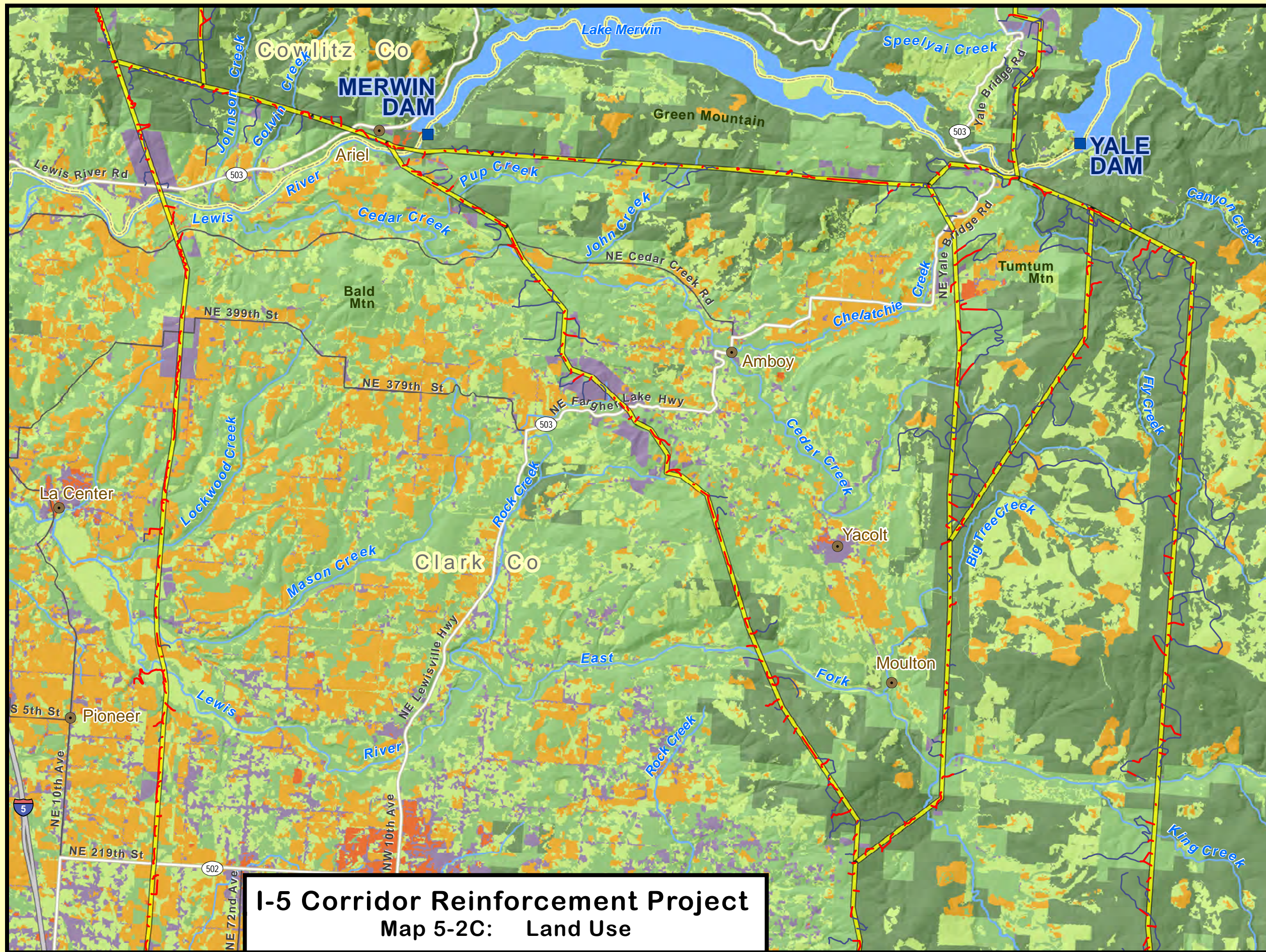
Note: An abrupt edge shown along some land use types is a result of detailed mapping within a 3000 foot corridor along the action alternatives using a variety of databases.

Miles
0 0.5 1 2

The inset map shows the project area highlighted in red within a larger regional map of the Pacific Northwest. The Bonneville Park Administration logo is also present.

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, DEA 2009, Herrera 2010, 2011a and 2011b, USFWS 2010a and USGS 2011.

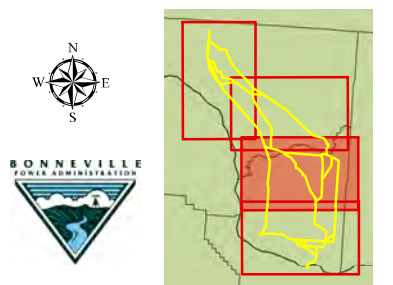
Map 5-2B: Land Use



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
- Land Use**
- Urban/Suburban
 - Rural
 - Agriculture
 - Open Space
 - Open Space - Forest
 - Production Forest (Large Landowner)

Note: An abrupt edge shown along some land use types is a result of detailed mapping within a 3000 foot corridor along the action alternatives using a variety of databases.

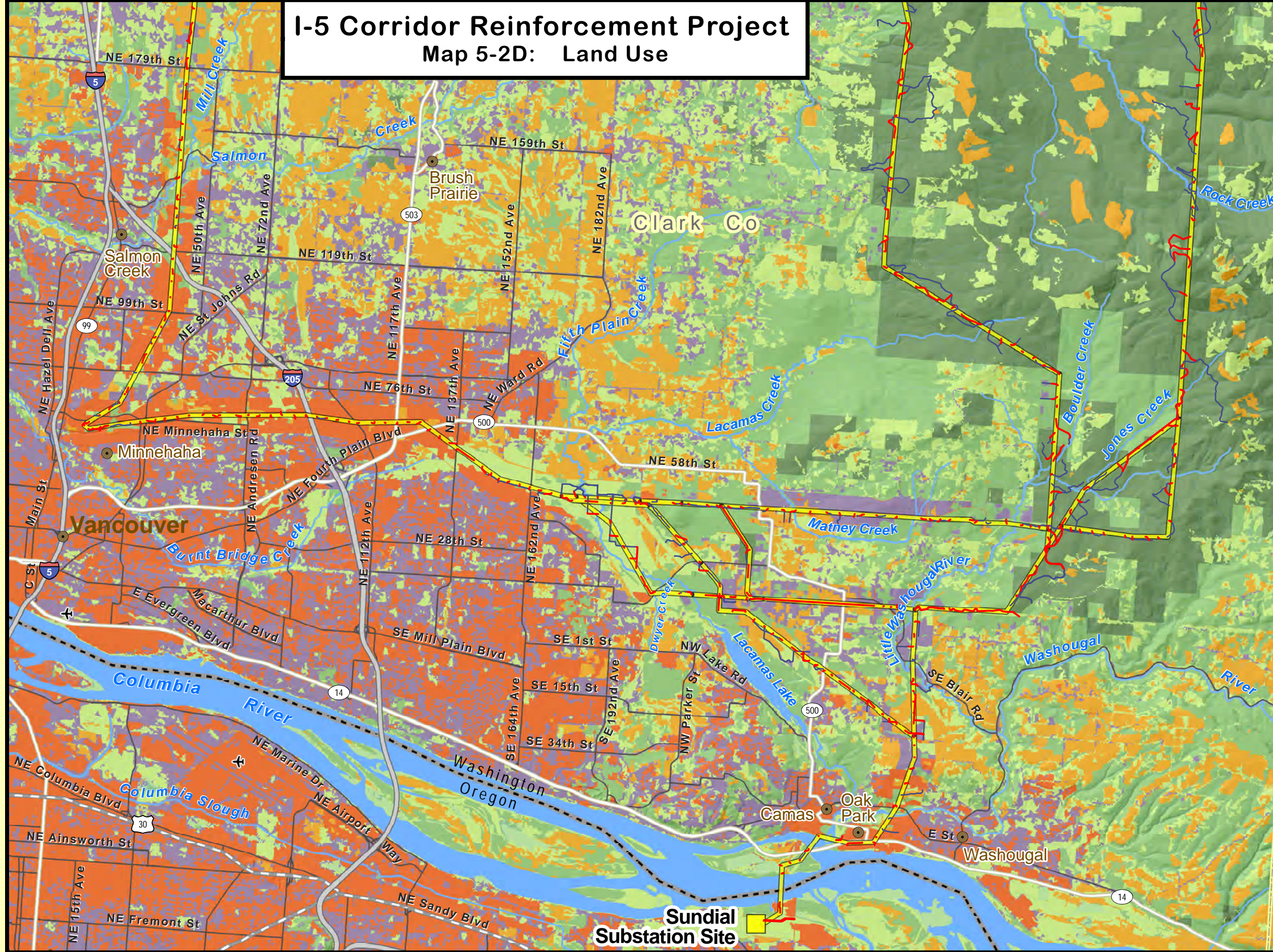


I-5 Corridor Reinforcement Project
Map 5-2C: Land Use

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, DEA 2009, Herrera 2010, 2011a and 2011b, USFWS 2010a and USGS 2011.

I-5 Corridor Reinforcement Project

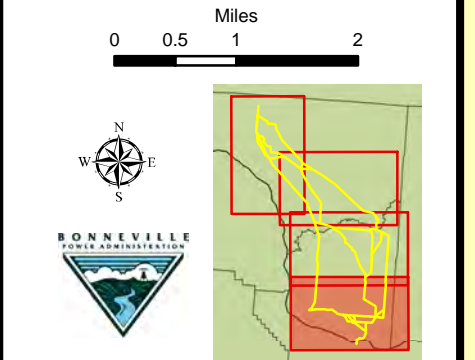
Map 5-2D: Land Use



- ### 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

- ### Land Use
- Urban/Suburban
 - Rural
 - Agriculture
 - Open Space
 - Open Space - Forest
 - Production Forest (Large Landowner)

Note: An abrupt edge shown along some land use types is a result of detailed mapping within a 3000 foot corridor along the action alternatives using a variety of databases.

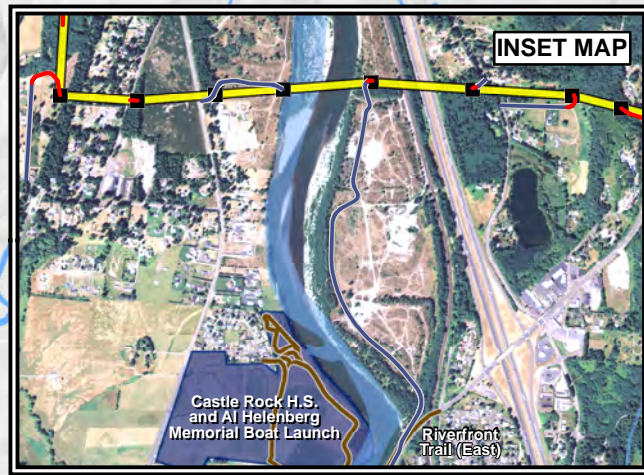
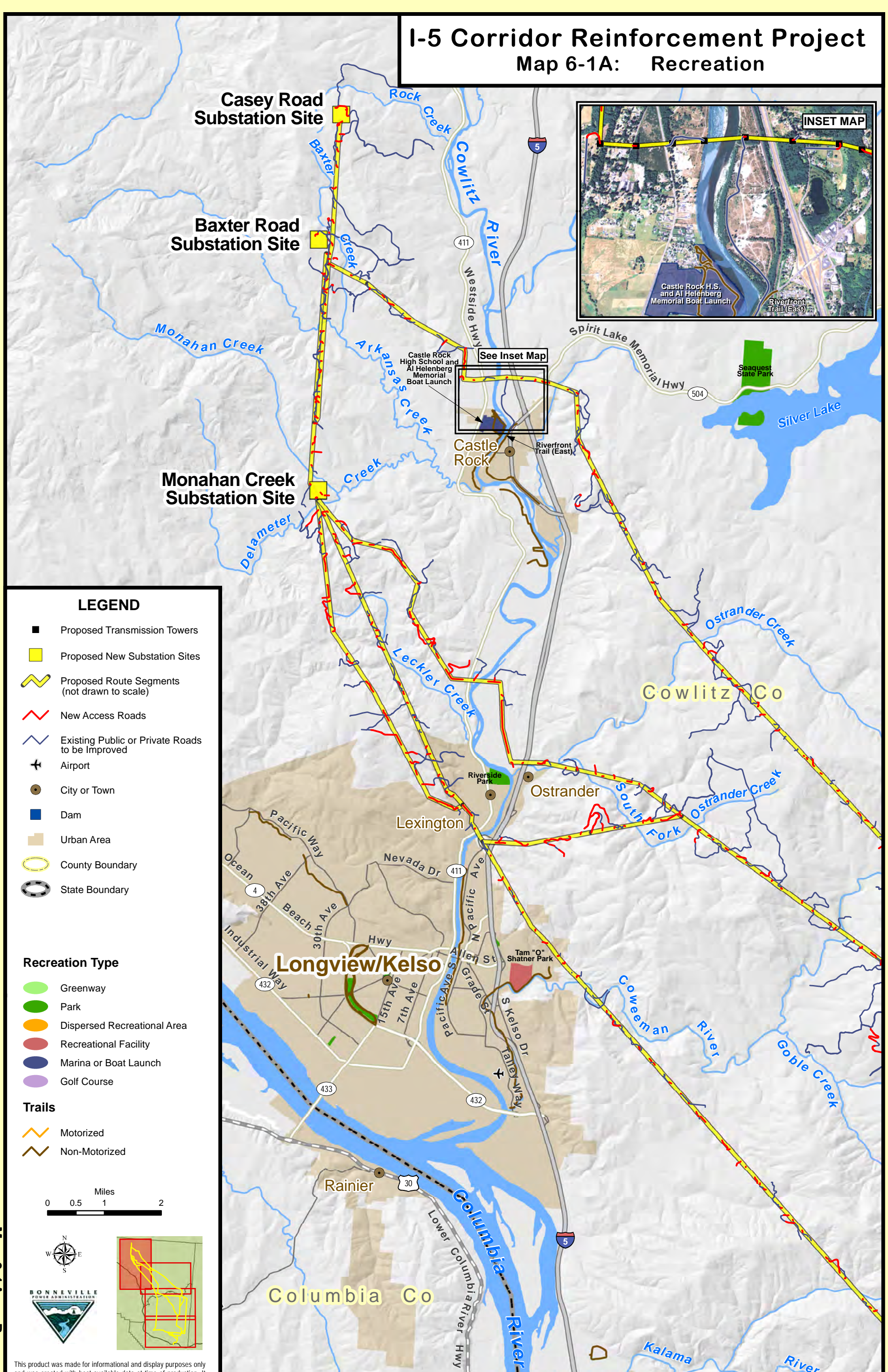


This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Sources: BPA 2012, DEA 2009, Herrera 2010, 2011a and 2011b, USFWS 2010a and USGS 2011.

Map 5-2D: Land Use

I-5 Corridor Reinforcement Project

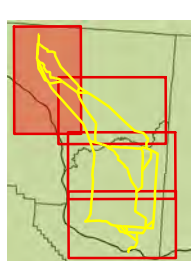
Map 6-1A: Recreation



See Inset Map

LEGEND

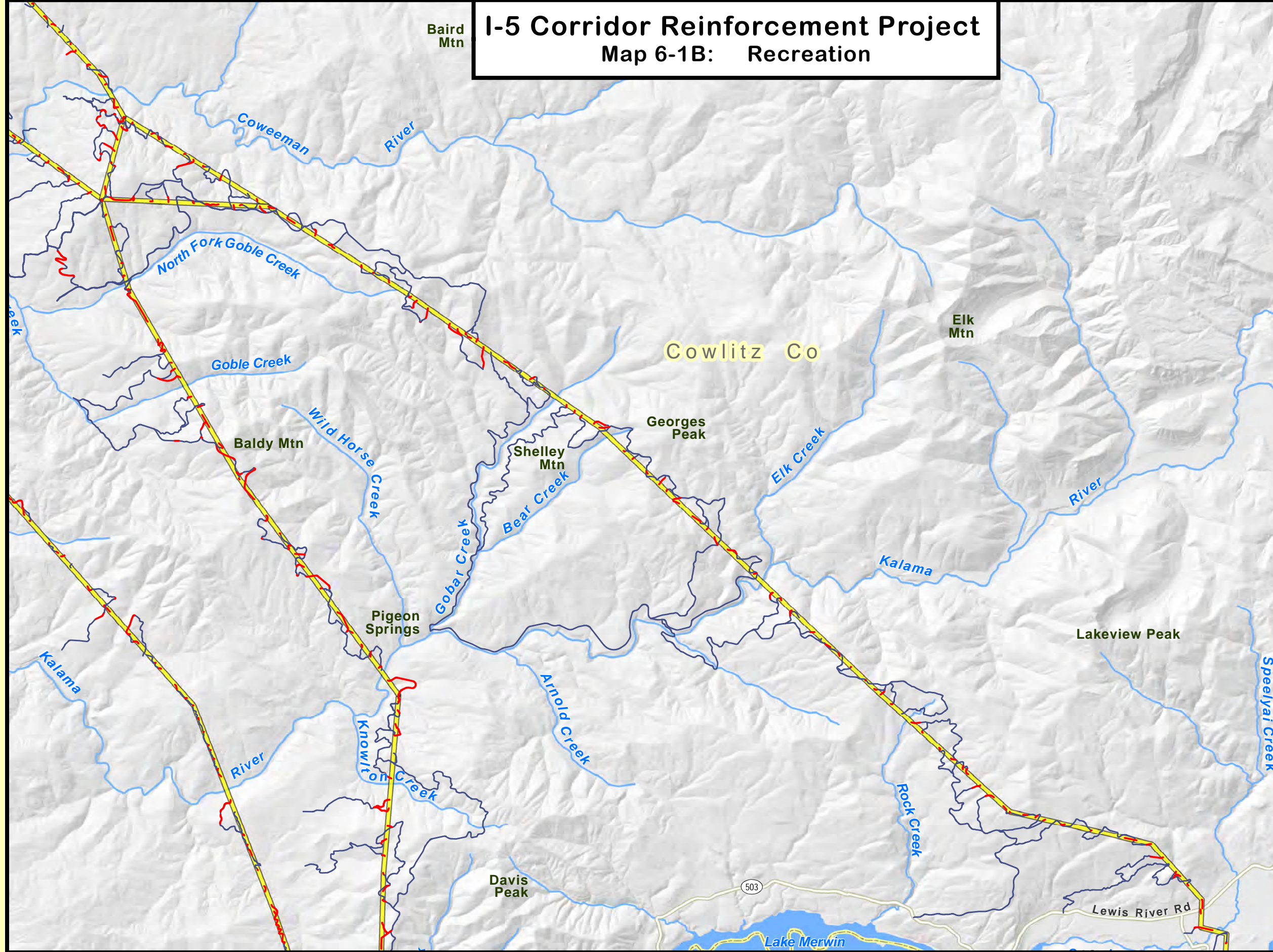
- Proposed Transmission Towers
 - Proposed New Substation Sites
 - ~ Proposed Route Segments (not drawn to scale)
 - ~ New Access Roads
 - ~ Existing Public or Private Roads to be Improved
 - ✈ Airport
 - City or Town
 - Dam
 - Urban Area
 - County Boundary
 - State Boundary
-
- #### Recreation Type
- Greenway
 - Park
 - Dispersed Recreational Area
 - Recreational Facility
 - Marina or Boat Launch
 - Golf Course
-
- #### Trails
- ~ Motorized
 - ~ Non-Motorized



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 2011d, Cowlitz GIS 2011b and Metro 2011b.

I-5 Corridor Reinforcement Project

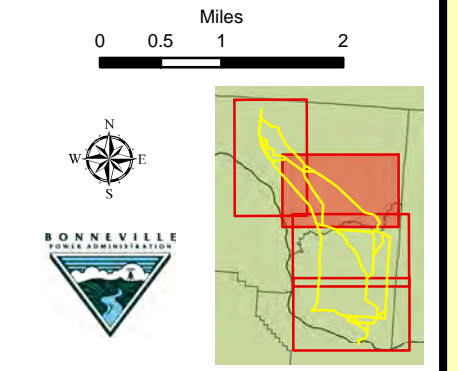
Map 6-1B: Recreation



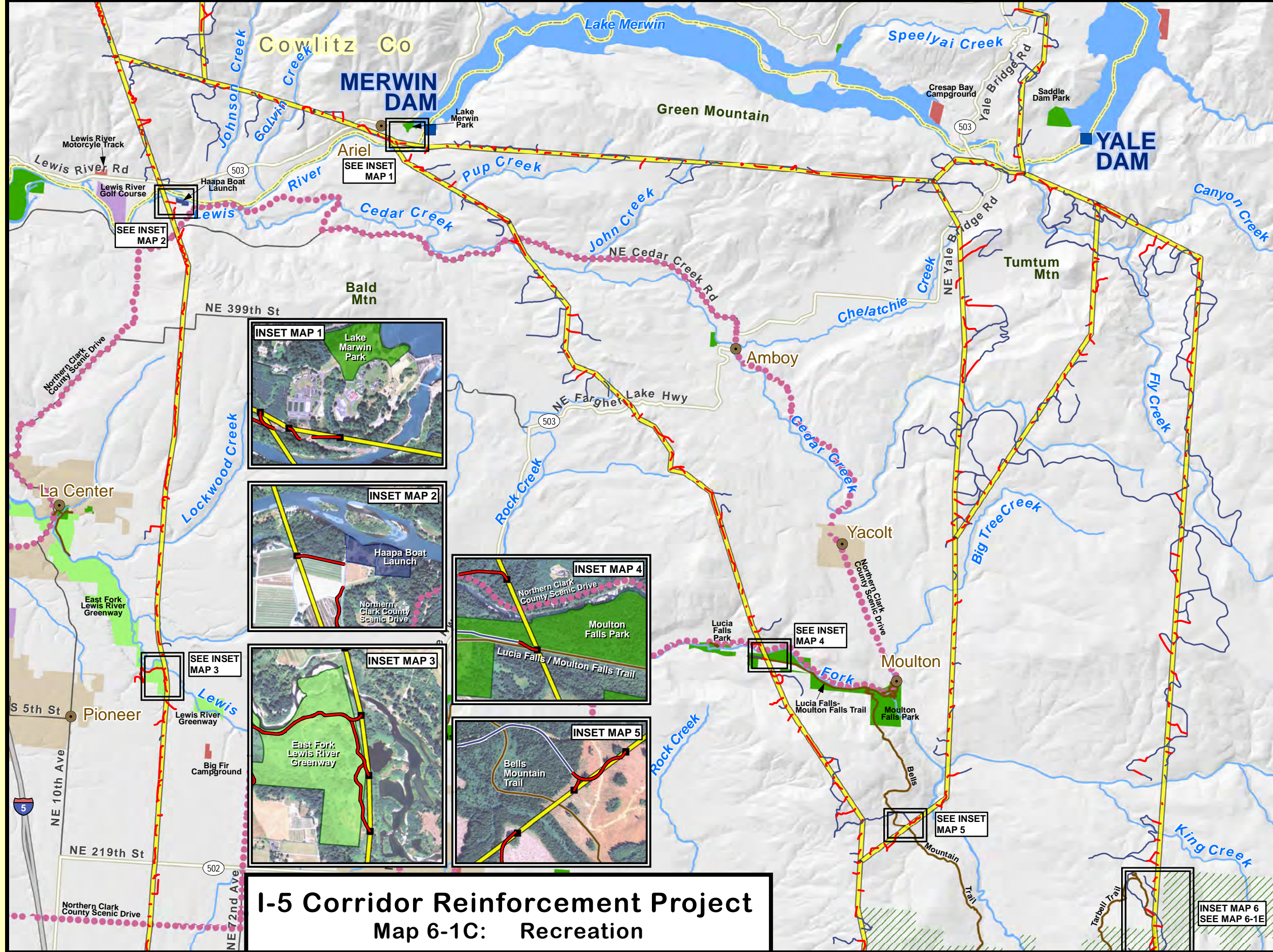
- ### LEGEND
- Proposed New Substation Sites
 - Proposed Route Segments (not drawn to scale)
 - New Access Roads
 - Existing Public or Private Roads to be Improved
 - Airport
 - City or Town
 - Dam
 - Urban Area
 - County Boundary
 - State Boundary

- ### Recreation Type
- Greenway
 - Park
 - Dispersed Recreational Area
 - Recreational Facility
 - Marina or Boat Launch
 - Golf Course

- ### Trails
- Motorized
 - Non-Motorized



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 2011d, Cowlitz GIS 2011b and Metro 2011b.



LEGEND

- Proposed Transmission Towers
- 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

Recreation Type

- Greenway
- Park
- Dispersed Recreational Area
- Recreational Facility
- Marina or Boat Launch
- Golf Course
- /// Yacolt Burn State Forest

Trails

- ~ Motorized
- ~ Non-Motorized
- Northern Clark County Scenic Drive

0 0.5 1 2 Miles

BONNEVILLE FOREST ADMINISTRATION

I-5 Corridor Reinforcement Project
Map 6-1C: Recreation

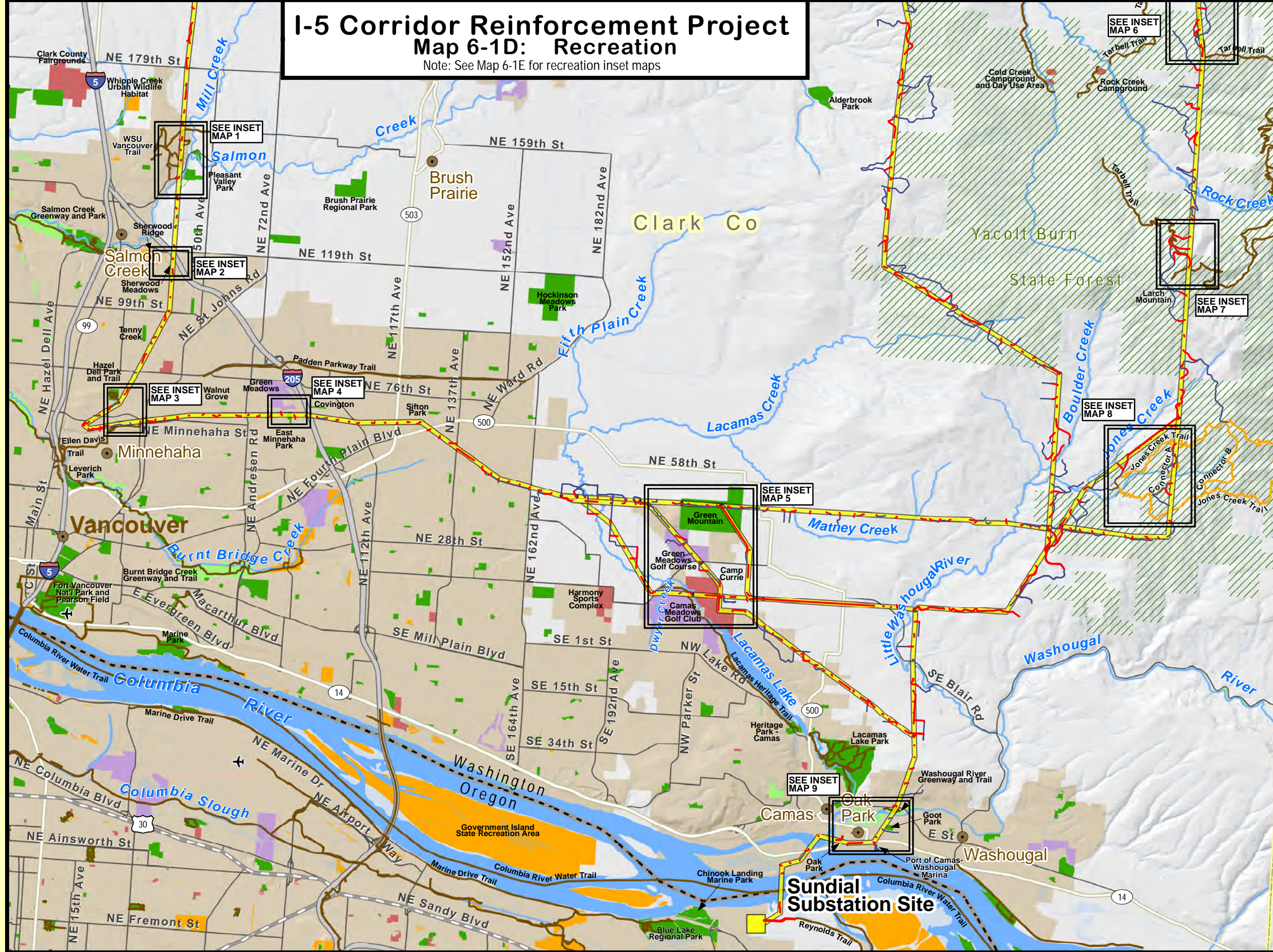
This product was made for informational and display purposes only and was created with best available data at time of production. It does not represent any legal information or boundaries. Sources: BPA 2012, Clark 2011a and 2011d, Cowlitz GIS 2011b and Metro 2011f.

Map 6-1C: Recreation

I-5 Corridor Reinforcement Project

Map 6-1D: Recreation

Note: See Map 6-1E for recreation inset maps



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

Recreation Type

- Greenway
- Park
- Dispersed Recreational Area
- Recreational Facility
- Marina or Boat Launch
- Golf Course
- Yacolt Burn State Forest

Trails

- Motorized
- Non-Motorized

Miles
0 0.5 1 2

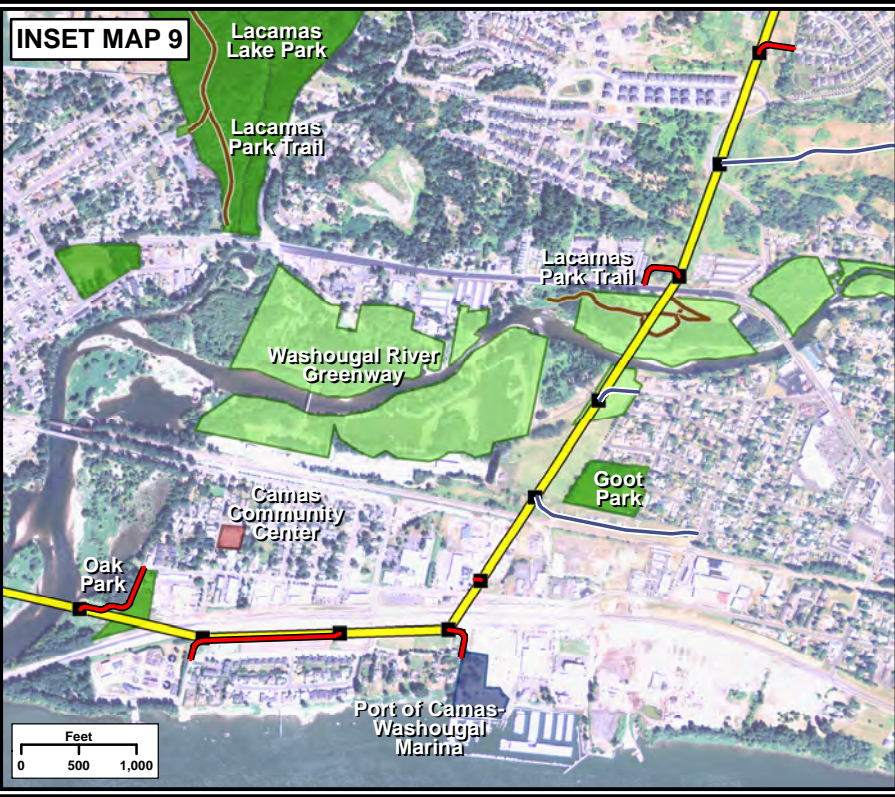
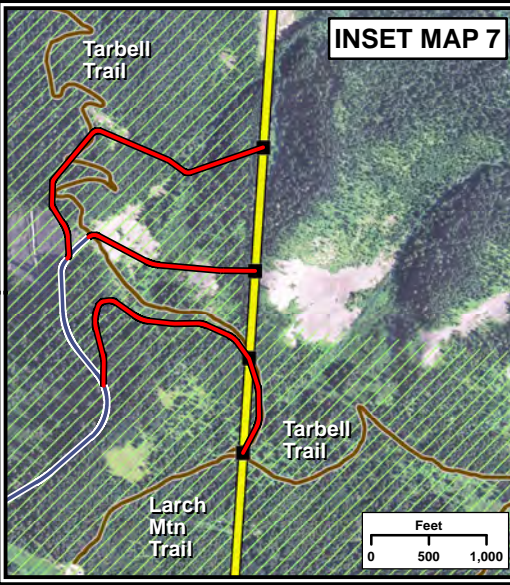
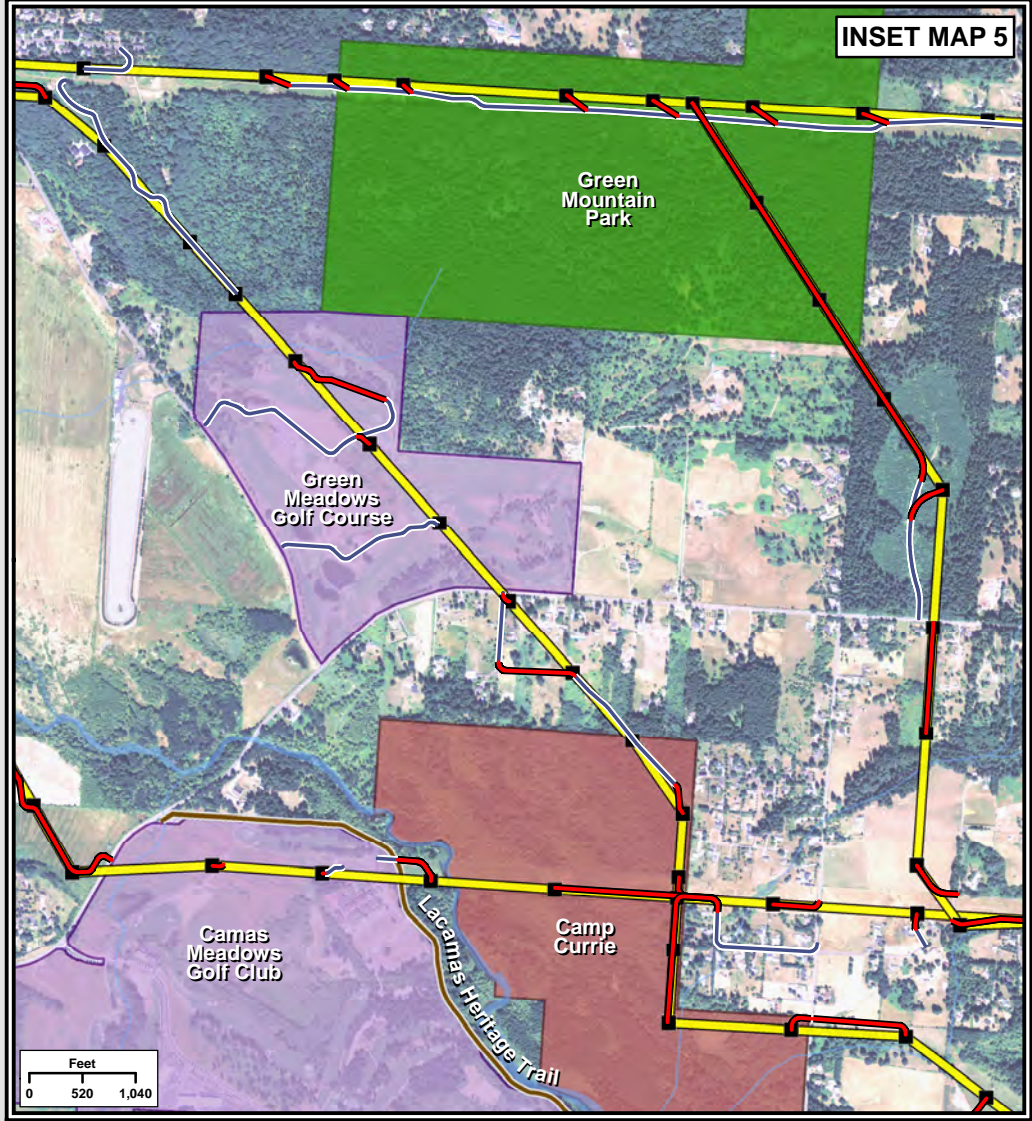
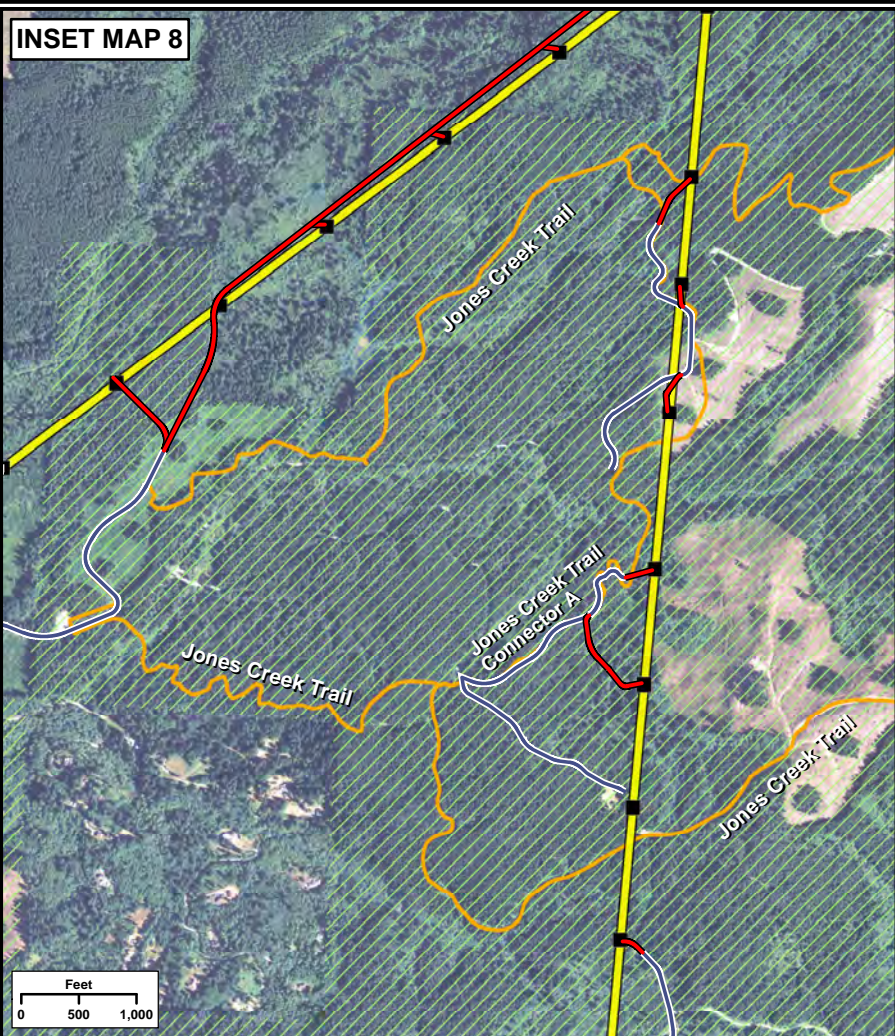
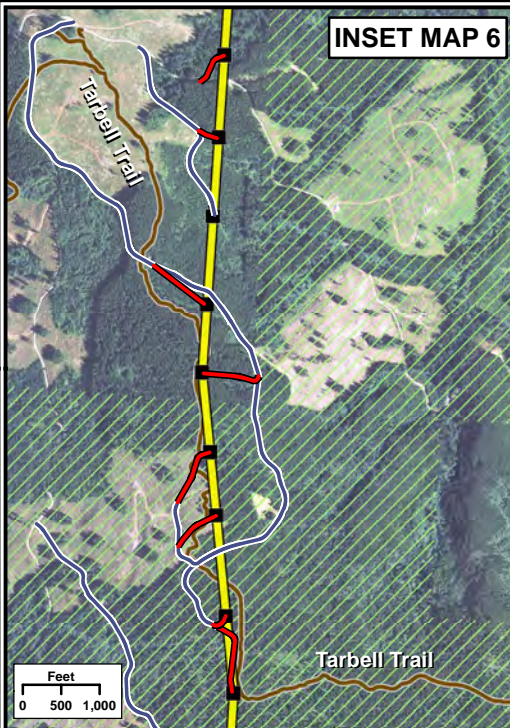
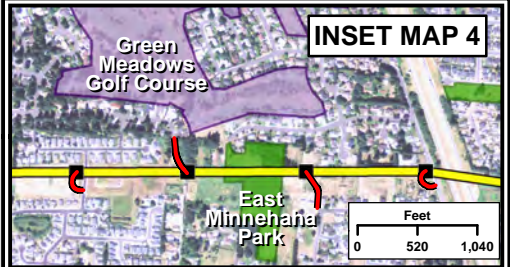
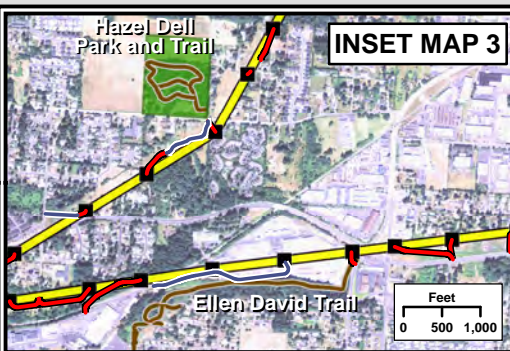
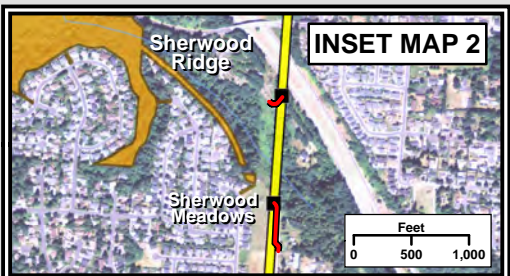
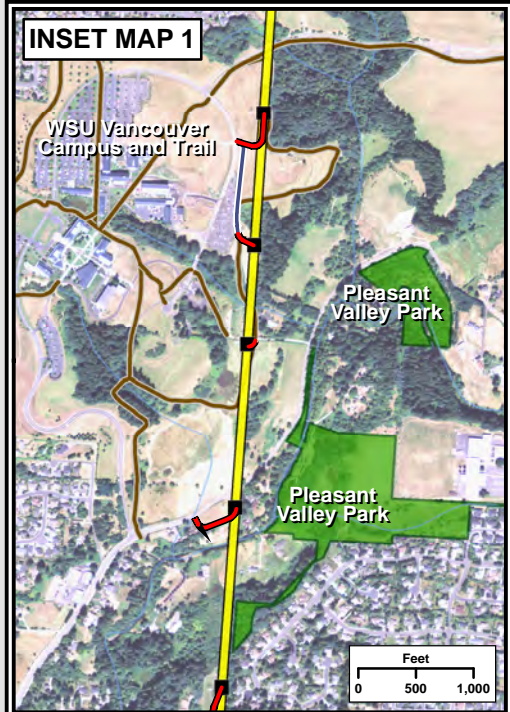
BONNEVILLE POWER ADMINISTRATION

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 2011d, Cowlit GIS 2011b and Metro 2011b.

Map 6-1D: Recreation

I-5 Corridor Reinforcement Project

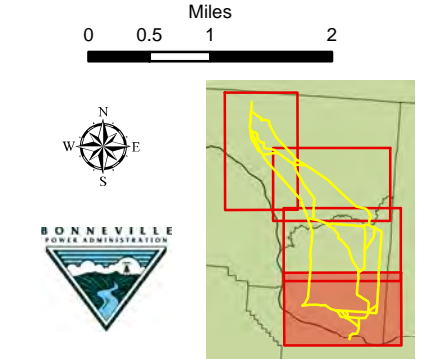
Map 6-1E: Recreation Inset Maps for Map 6-1C and Map 6-1D



- ### LEGEND
- Proposed Transmission Towers
 - 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

- ### Recreation Type
- Greenway
 - Park
 - Dispersed Recreational Area
 - Recreational Facility
 - Marina or Boat Launch
 - Golf Course
 - Yacolt Burn State Forest

- ### Trails
- ~ Motorized
 - ~ Non-Motorized



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 2011d, Cowltz GIS 2011b and Metro 2011b.

Map 6-1E: Recreation Inset Maps for Map 6-1C and Map 6-1D