

**Lewis River Hydroelectric Projects Settlement Agreement
Terrestrial Coordination Committee (TCC)
Meeting Agenda**

Date & Time: Wednesday, November 12, 2014
9:00 a.m. –12:00 p.m.

Place: Merwin Hydro Control Center
105 Merwin Village Court
Ariel, WA 98603

Contacts: Kirk Naylor: (503) 813-6619; cell (503) 866-8750

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none">➤ Review Agenda & 10/8/14 Meeting Notes➤ Comment & accept Agenda & 10/8/14 Meeting Notes
9:20 a.m.	Bonneville Power Administration; Update Presentation
10:15 a.m.	Devils Backbone Timber Management; 5-year Plan
11:00 a.m.	<ul style="list-style-type: none">➤ Fruit Growers; Timber value➤ ANE property at Swift Creek - update
11:45 a.m.	<ul style="list-style-type: none">➤ Next Meeting's Agenda➤ Public Comment Opportunity Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro/hl/lr.html#
12:00 p.m.	Adjourn

Join by Phone

+1 (503) 813-5252 [Portland, Ore.]

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Conference ID: 25166794

FINAL Meeting Notes
Lewis River License Implementation
Terrestrial Coordination Committee (TCC) Meeting
November 12, 2014
Ariel, WA

TCC Participants Present: (9)

Ray Crosswell, RMEF
 Bill Richardson, RMEF
 Peggy Miller, WDFW
 Eric Holman, WDFW
 Kimberly McCune, PacifiCorp Energy
 Kirk Naylor, PacifiCorp Energy
 Kendel Emmerson, PacifiCorp Energy
 Nathan Reynolds, Cowlitz Indian Tribe
 John Clapp, Citizens-at-Large

Guests (8)

Michael Muscari, Environmental Science Associates (ESA)
 Pete Lawson, Environmental Science Associates (ESA)
 Nancy A. Wittpenn, BPA
 Mark Korness, BPA
 Lou Driessen, BPA
 Amanda Azous, Herrera Environmental Consultants
 Josh Wozniak, Herrera Environmental Consultants
 Alicia Ward, Herrera Environmental Consultants

Calendar:

December 10, 2014	TCC Meeting	HCC
January 14, 2015	TCC Meeting	HCC

Assignments from November 11, 2014	Status
BPA – Share with PacifiCorp their GPS data associated with stream and wetland provisional typing.	Complete
Emmerson – Share new eagles nest location with BPA.	Complete – 11/13/14
Reynolds: Prepare a draft request for the PUD Devil’s Backbone Timber Management and circulate to the TCC for its review so the PUD can include these revised expectations and adaptive management in its 2015 Wildlife Habitat Management Plan.	Complete – 12/9/14

Assignments from June 13, 2012	Status
Naylor: Review the SA/WHMP budget(s) as well as determine status and opportunity for coordination with John Cook (NCASI) and Lisa Shipley (Washington State University) doing the black-tail study and report back to the TCC.	In Progress

Review of Agenda and Finalize Meeting Notes

Kirk Naylor (PacifiCorp Energy) called the meeting to order at 9:05 a.m. Naylor reviewed the agenda and asked the TCC if there were any changes/additions. No changes/additions were requested.

Naylor reviewed the October 8, 2014 meeting notes and assignments. The meeting notes were approved at 9:15 am without change.

Bonneville Power Administration – Update Presentation

Mark Korness (BPA) provided a cursory overview of the BPA I-5 Corridor Reinforcement Project schedule to include environmental clearance in early 2015 and final Environmental Impact Statement (EIS) in late 2015, with a final Record of Decision in early 2016. BPA is currently working with the landowners and making minor adjustments. Mark provided maps of the Central Alternative (Merwin Dam Vicinity); [see Attachment A](#) for further detail.

Representatives from BPA and its consultants, Herrera and ESA discussed potential impacts to clearing, type of clearing, minimizing impact to habitat and keeping existing PacifiCorp towers out of the right-of-way (ROW).

BPA informed the TCC attendees that no significant archeological resources were believed to be with the vicinity of Merwin Dam. However historical resources do exist in the vicinity, but would not be affected by the I-5 Corridor Reinforcement Project.

Michael Muscari (ESA) expressed that provisional typing was conducted on six (6) wetlands along the I-5 Transmission Corridor and ROW within PacifiCorp's property. Four (4) wetlands are fairly low quality. One (1) is a category 3 and one (1) is a category 2 (inside the Lewis River ordinary high water mark and less than ½ acre). All other wetlands are slope wetlands associated with small streams.

In response to Kendel Emmerson's (PacifiCorp) question Muscari communicated that they have the GPS data associated with these streams and wetlands (the accuracy of this data varies). BPA will share this data with PacifiCorp.

The TCC attendees were informed of the botanical or biological nature associated with the wetlands as follows:

- 4 wetlands - emergent vegetation; cattails, reed canary grass (Category IV; Washington State Department of Ecology [DOE] Wetland Rating System)
- 1 wetland – associated with stream, shrub and forested class (Category III; DOE).
- 1 wetland – associated with the Lewis River floodplain and consisted of shrub and forested class and open water for waterfowl (Category II; DOE).

Josh Wozniak (Herrera Environmental Consultants) communicated that the vicinity of Merwin Dam does not provide suitable habitat for federally listed plant species. Therefore no on-the-ground- surveys were conducted on PacifiCorp lands.

Alicia Ward (Herrera Consultants) informed the TCC attendees that a desktop assessment of the wildlife habitat in the vicinity of the Merwin Dam was conducted for the yellow-billed cuckoo, northern spotted owl, and marbled murrelet. The area is out of the range for the marbled murrelet. She determined there is potential foraging habitat for yellow-billed cuckoo and suitable habitat of the northern spotted owl within the vicinity of Merwin Dam; however the habitat is marginal and unlikely occupied by the target species. No species surveys were conducted. The only anticipated project effects are disturbance during construction.

Lou Driessen (BPA) pointed out that there may be clearing of danger trees up to 300' on each side of the ROW. Danger trees were identified (see [Attachment A](#)) with Lidar and included any tree within 300 feet of the center line that shows signs of deformities, disease, or structural damage that makes it a potential hazard to the line. Polygons were established through data analysis for higher density hazard areas. A ground crew will physically look at the trees as this approach typically overstates the impacts. In addition, "no cut" zones have been identified. All other vegetation over 4-6 feet within the proposed right-of-way (75 ft. of centerline) would be removed. Naylor expressed that access to tower L-4 looks like a complete realignment of an existing road. Driessen responded that the existing road is being used for L-4 with a proposal to move road around the footing and reconnect to the other side. In addition, BPA is still studying where to locate road access for L-2.

Emmerson noted that a new active eagle nest was located this year. Emmerson will send the location data to Nancy Wittpenn at BPA. The nest was definitely occupied and attended to late in the nesting season.

No action is required from the TCC at this time. The TCC will review impacts and mitigation efforts when the EIS is complete.

Break 10:10am

Reconvene 10:20am

Devil's Backbone Timber Management – Discussion (5-year plan)

Nathan Reynolds (Cowlitz Indian Tribe) informed the TCC participants that he reviewed the Cowlitz PUD (PUD) annual budget in terms of how long it would take to save TCC funds to implement substantive forestry efforts that the TCC wanted to implement in Devil's Backbone. Reynolds went back to the last Cowlitz PUD plan and reported that over 50% of the fund goes to administrative costs; the remaining is split between weed surveys and weed treatment. It would take approximately 11 years for the TCC to save enough money at 25% of the annual budget to do a 5 acre timber harvest entry. The question to the TCC is what timber management would they like to see done on Devil's Backbone with the funds available? The TCC would like to explore if the PUD will consider applying for matching funds.

Discussions took place about conducting a hack and squirt around the perimeter of the meadow and the use of DNR inmate crews to create thinning's or opening's each year and pile the wood. Naylor noted that the larger tree diameters over time may limit what DNR crews can cut based on previous discussions.

The TCC would like to write a request to the PUD framing the expectations of the PUD funds going forward. Reynolds will prepare a draft request and circulate to the TCC for its review so the

PUD can include these revised expectations and adaptive management in its 2015 Wildlife Habitat Management Plan.

Fruit Growers: Timber Value

This discussion is considered confidential and proprietary and not for public viewing.

The TCC agreed that they will combine the two available Lewis River & Swift Funds to purchase certain parcels of interest in the near future.

ANE Property at Swift Creek – Update

Naylor gave a brief update to the TCC regarding the ANE property that is currently up for auction. Naylor provided the ACC with the property listing and additional maps for their discussion related to bull trout habitat value. The ACC did not consider the parcel of significant importance due to the falls that limit upstream use beyond the FS 90 bridge and that property below the bridge was likely undevelopable.

Other

The RMEF MOU with PacifiCorp expires in April 2015. What is TCC involvement in developing the MOU, just a support or did they have input on the MOU? Naylor identified that the TCC had no input to the MOU but have been strongly supportive of the working relationship. Richardson will initiate a review/edit of the existing MOU for PacifiCorp to look relating to extending the terms.

Public Comment Opportunity

No public comment was provided.

<12:30 p.m. meeting adjourned>

Agenda items for November 12, 2014

- Review November 12, 2014 Meeting Notes
- Devils Backbone Timber Management; 5-year Plan (Cowlitz PUD Planning Process)
- Land Acquisition Considerations

Next Scheduled Meetings

December 10, 2014	January 14, 2015
Conference Call	TCC Meeting
	Merwin Hydro Control Center
	Ariel, WA
9:00am – 3:00pm	9:00am – 3:00pm

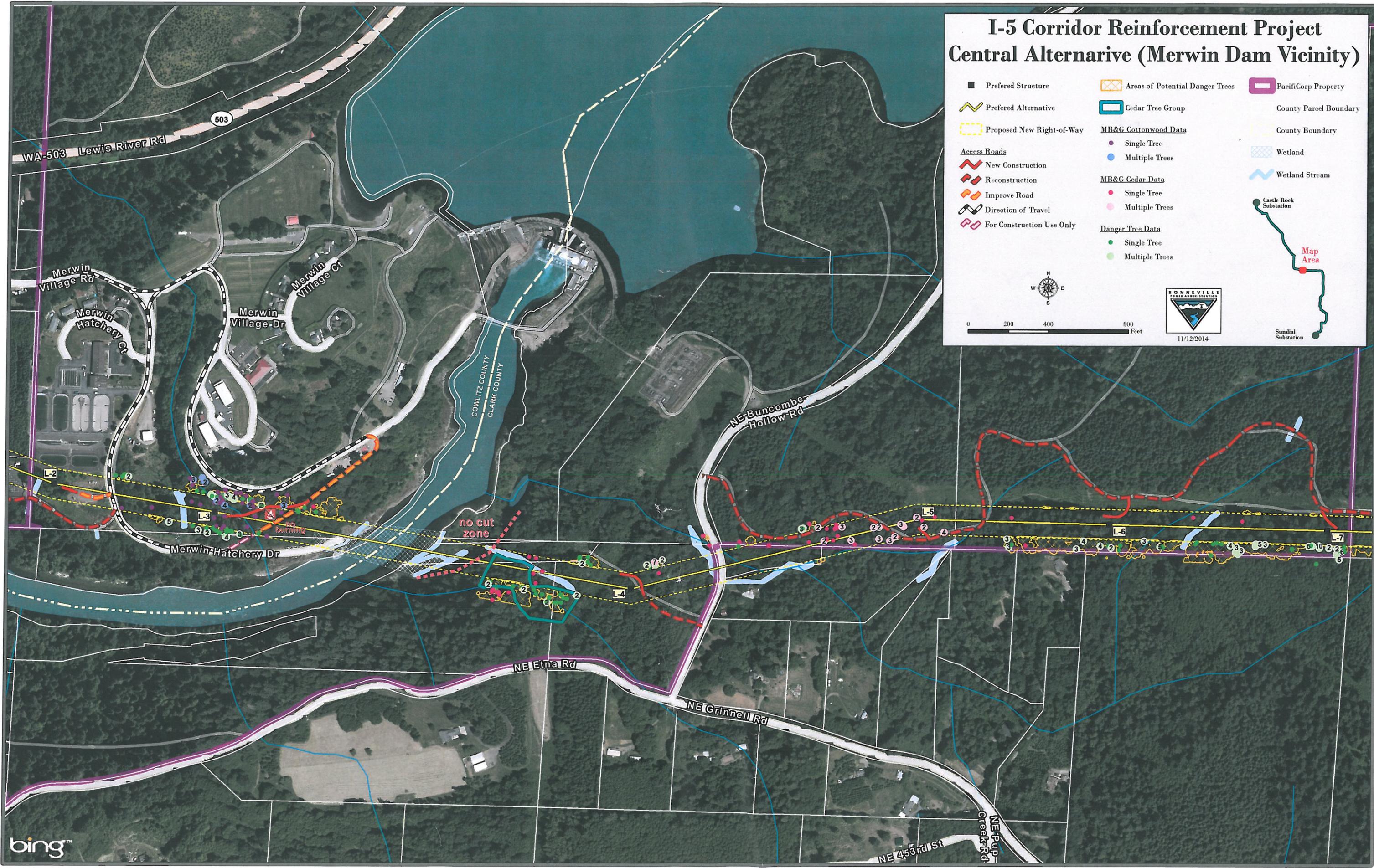
Attachments:

- November 12, 2014 Meeting Agenda
- **Attachment A** – Central Alternative - Merwin Dam Vicinity Maps as provided by Bonneville Power Administration

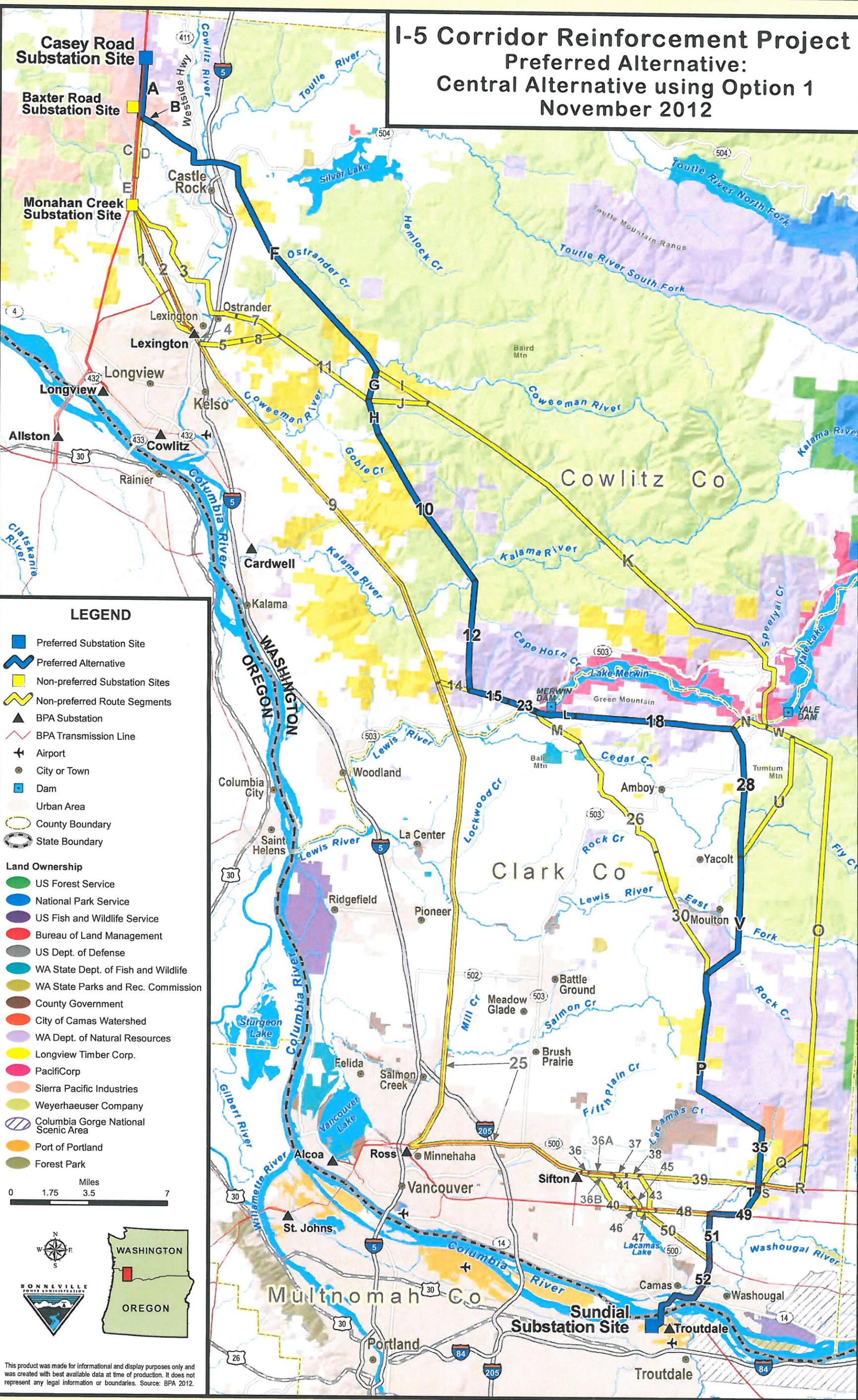
I-5 Corridor Reinforcement Project Central Alternarive (Merwin Dam Vicinity)

■ Preferred Structure	▨ Areas of Potential Danger Trees	▭ PacifiCorp Property
⤵ Preferred Alternative	▭ Cedar Tree Group	▭ County Parcel Boundary
▭ Proposed New Right-of-Way	MB&G Cottonwood Data	▭ County Boundary
Access Roads	● Single Tree	▨ Wetland
▭ New Construction	● Multiple Trees	▭ Wetland Stream
▭ Reconstruction	MB&G Cedar Data	
▭ Improve Road	● Single Tree	
▭ Direction of Travel	● Multiple Trees	
▭ For Construction Use Only	Danger Tree Data	
	● Single Tree	
	● Multiple Trees	

11/12/2014



I-5 Corridor Reinforcement Project Preferred Alternative: Central Alternative using Option 1 November 2012



LEGEND

- Preferred Substation Site
 - Preferred Alternative
 - Non-preferred Substation Sites
 - Non-preferred Route Segments
 - ▲ 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
 - Columbia Gorge National Scenic Area
 - Port of Portland
 - Forest Park
- 0 1.75 3.5 7 Miles
- WASHINGTON
OREGON

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