Construction of the Multi-Benefit, Countyline Levee Setback Project

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Presentation Overview

• Setting and project need
  • Geomorphic setting
  • Flood protection and habitat

• Design
  • Components
  • Level of service

• Construction
  • Activities
  • Challenges

• Project Response
Geomorphic Setting

- Project Site
- White River Alluvial Fan
- Countyline Project Reach
- Mt. Rainier
- Project Reach
- Mt. Rainier National Park
- Williams Pipeline Crossing
- Buckley Diversion
- Mt. Baker - Snoqualmie National Forest
- Puget Sound
- King County
- Pierce County
- Yakima County
- Kittitas County
- Mt. Rainier
- Chris Brummer

Source: Chris Brummer
White River above Stewart Bridge, 1931
Project Need

Pacific Park

Countyline Levee Setback Project Site

White River

Pacific Park
Project Need
Construction

Three Contracts:
1. 2015-16 wood supply contract
2. June 2016 Construction NTP
   – Oct 2017 Substantial Completion
3. 2017-18 Planting
Construction Challenges

Pile driving
Construction Challenges

Pile driving
Construction Challenges

In-water work
Construction Challenges

Unanticipated discoveries
Construction Challenges

- Material staging
- Sampling and stockpile management
- Trucking and disposal
Construction Challenges

Sequencing of construction activities
Construction Challenges

Mulching and Planting
Project Response

Predicted Response

2018 Lidar
Questions?

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