



The Columbia Corridor Levee System

Context and Current Challenges

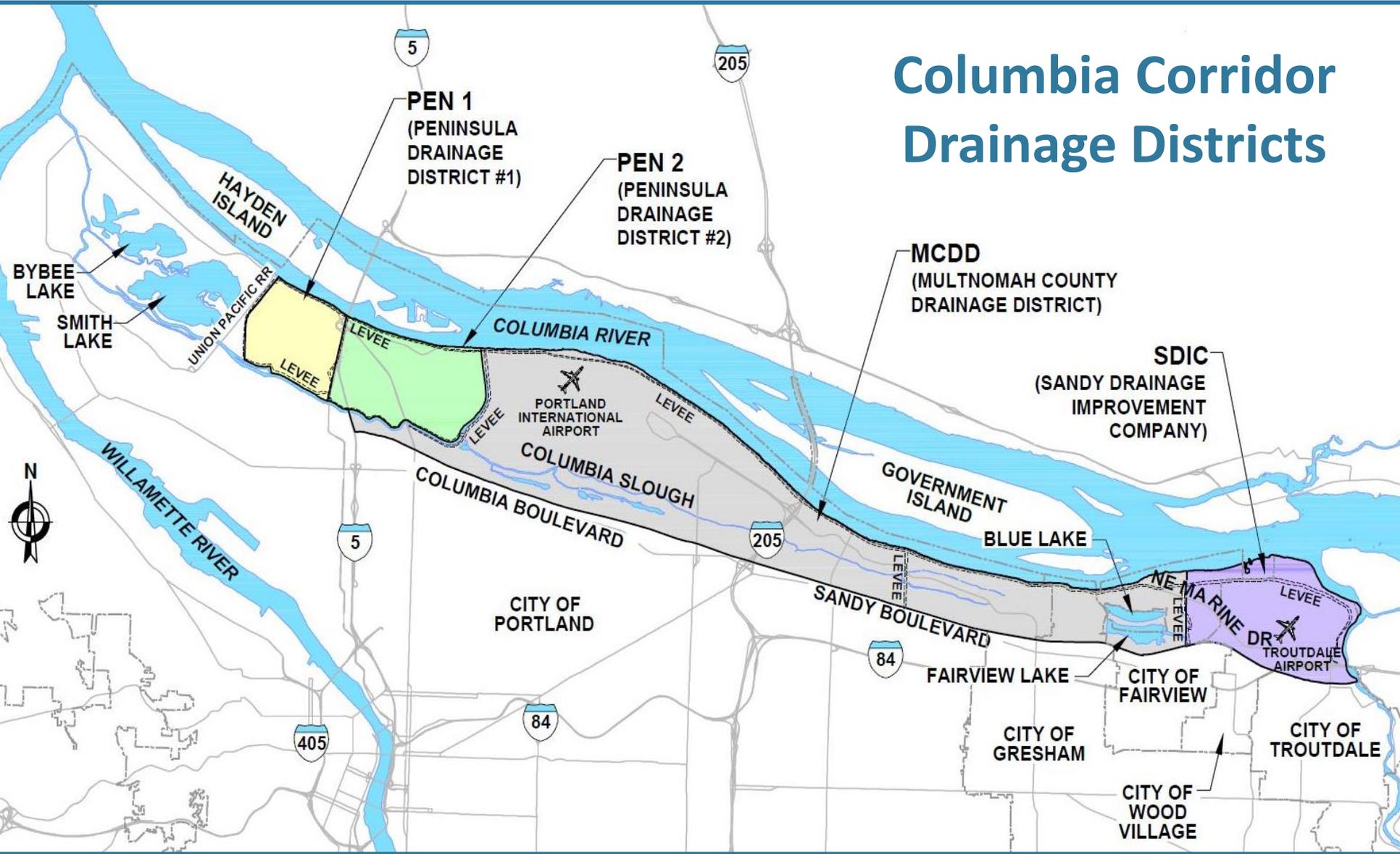
Presented by:

Reed Wagner, Executive Director

Oregon Solutions Technical Advisory Committee Accreditation Briefing

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Columbia Corridor Drainage Districts



Local Operations, Regional Significance

**40% of Port of Portland
facilities**

*12 Million tons of goods move
through Facilities*

**\$5.3 billion in assessed
property value**

Across four cities

**Columbia South Shore
Well Field**

*Backup water supply for
Portland and other jurisdictions*

**10% of jobs in
Multnomah County**

*Majority in industrial,
manufacturing, and transport.*

US government Role

We are the local sponsor for the Columbia River levees, which were built and are maintained according to national standards.

**Flood Control
Act of 1936**

First general flood control bill. Establishes cost sharing between federal and local governments and gives USACE clear role in flood control.

**Flood Control
Act of 1950**

Authorizes improvements to existing projects across the nation, including Columbia Corridor.

**National Flood
Insurance Act
of 1968**

Creates the National Flood Insurance Program (NFIP). NFIP levee standards created in 1986.



**US Army Corps
of Engineers®**



FEMA



Federal Emergency Management Agency National Flood Insurance Program

Cities voluntarily participate in the program.

P1 & P2 Status:
Accredited,
not certified
MCDD & SDIC Status:
Accredited,
Certification expires
in 2017

USACE plays a limited and defined role.

NFIP Roles & Responsibilities

Federal

- Implementation of NFIP
- Floodplain mapping and flood risk mitigation promotion
- Monitoring maintenance of federally authorized projects

State

- FEMA funded employee coordinates NFIP within Oregon
- Technical support for communities during mapping

County

- NFIP Participating Community for unincorporated Multnomah Co
- Sets & enforces land use code, including floodplain ordinances

City

- NFIP Participating Communities (some in CRS)
- Sets & enforces land use code, including floodplain ordinances

Drainage District

- Responsible for ongoing levee maintenance within USACE program, which has some overlap with NFIP Levee Requirements

Project Status

PHASE 1

Investigate Current Condition of Levees



PHASE 2

Design and Finance Repairs

PHASE 3

Implement Repairs

PHASE 4

Certify & Submit Documentation

Accreditation Challenges

Currently there is no identified governance form to tackle accreditation.

- The Cities are the participating community in NFIP. Cities set and enforce land use code and floodplain ordinances. The County handles this role for unincorporated parts of Multnomah County.
- The Drainage Districts maintain the levees and are responsible for meeting United States Army Corps of Engineer standards. The Drainage Districts lack the regulatory authority and financial capabilities to pursue accreditation solely.

*How do we work together
to achieve accreditation?*

Oregon Solutions Process

- This is one way the region is collaborating towards a resolution for accreditation.
- Governor Kitzhaber designated Columbia Corridor Levee Accreditation as an Oregon Solutions project in October of 2013, giving the project statewide priority.





Additional Resources:

www.floodsmart.gov

<http://www.mccd.org/levee-accreditation/>

Contact Sara Morrissey directly with questions at:

Sara Morrissey

503-281-5675

smorrissey@mccd.org