

The Good Governance Ride:

Pushing the Envelope in

Urban Flood Management & Restoration

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City of Portland – Bureau of Environmental Services

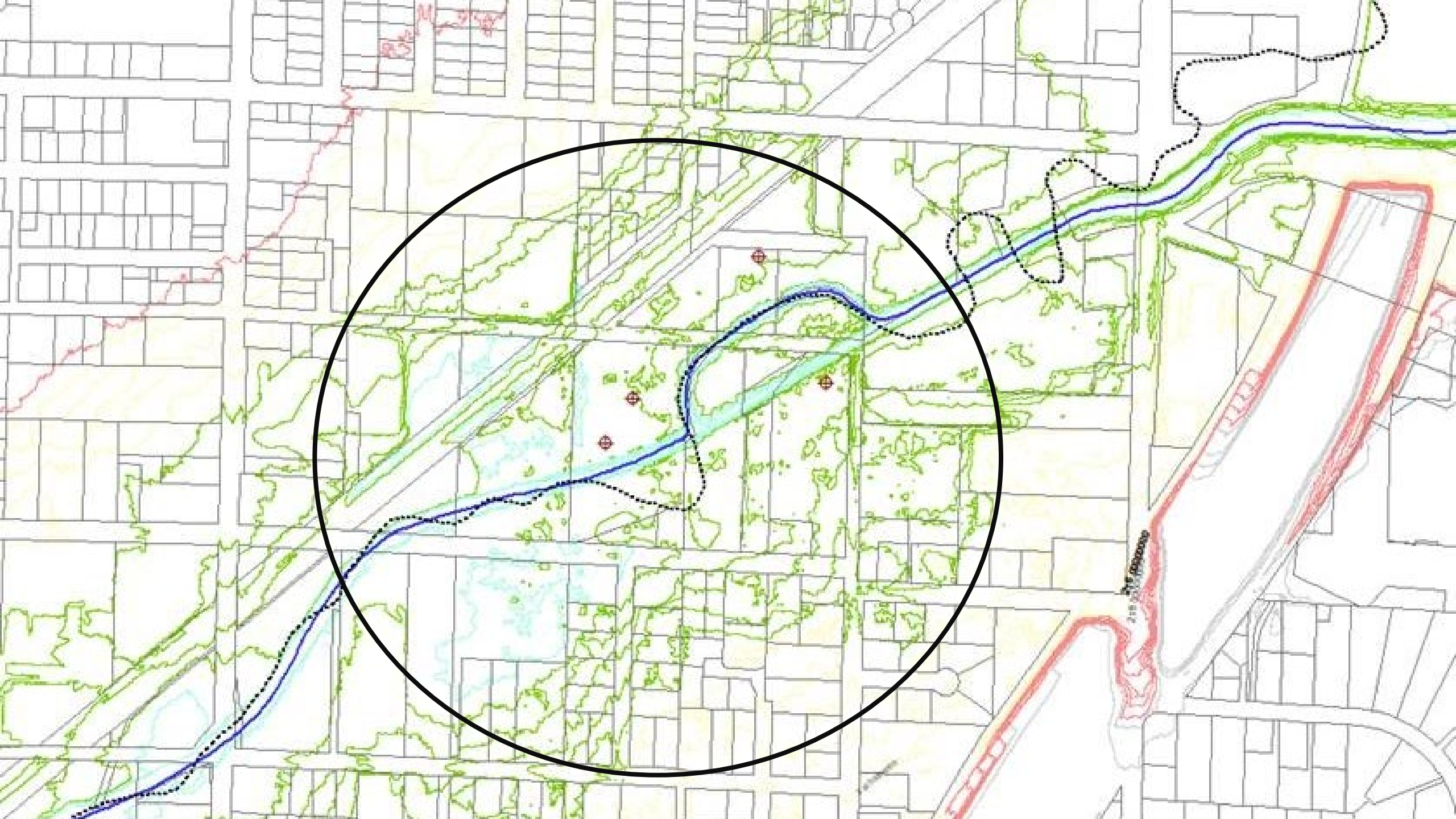
Johnson Creek Science Symposium

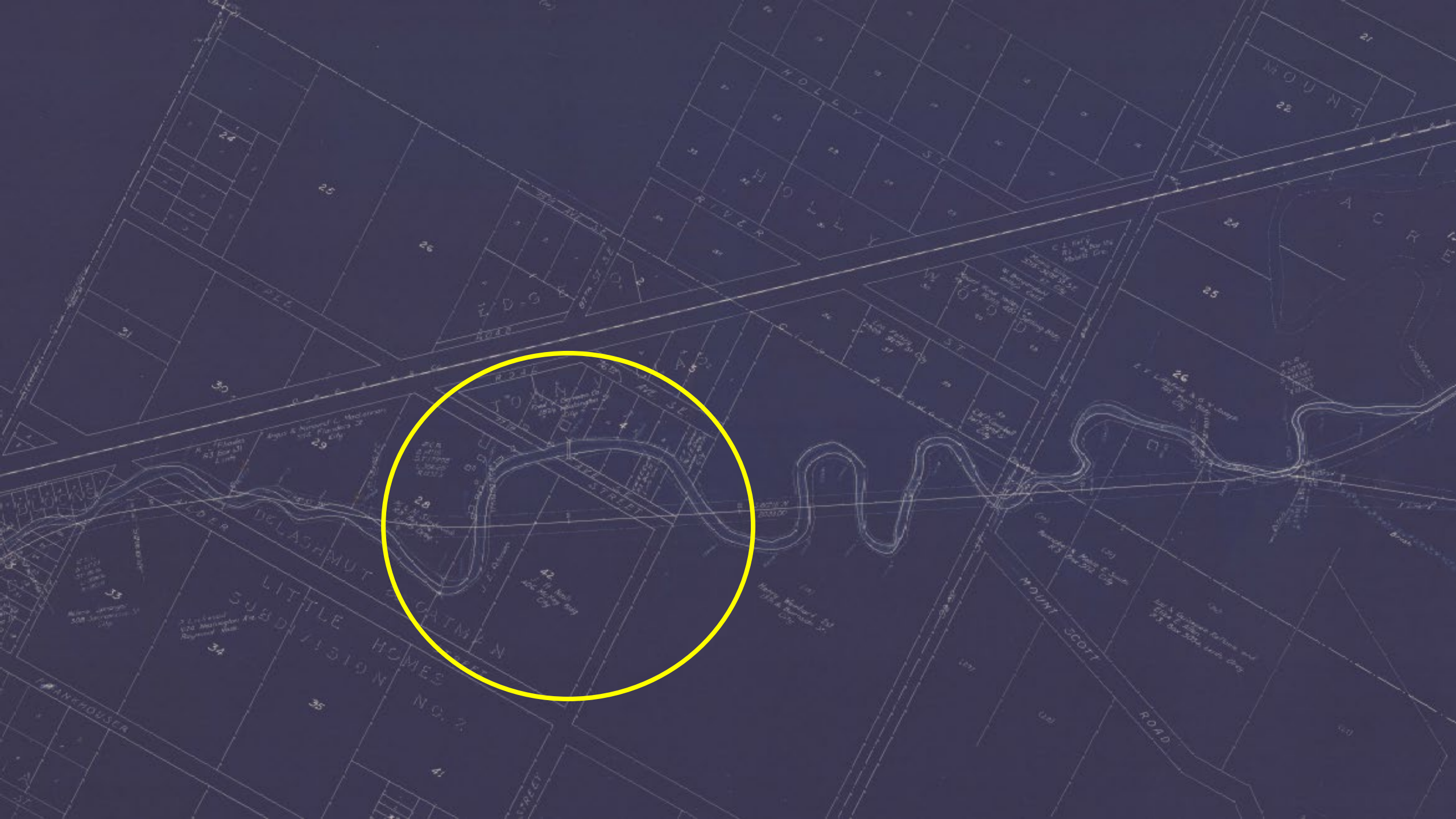
October 2025



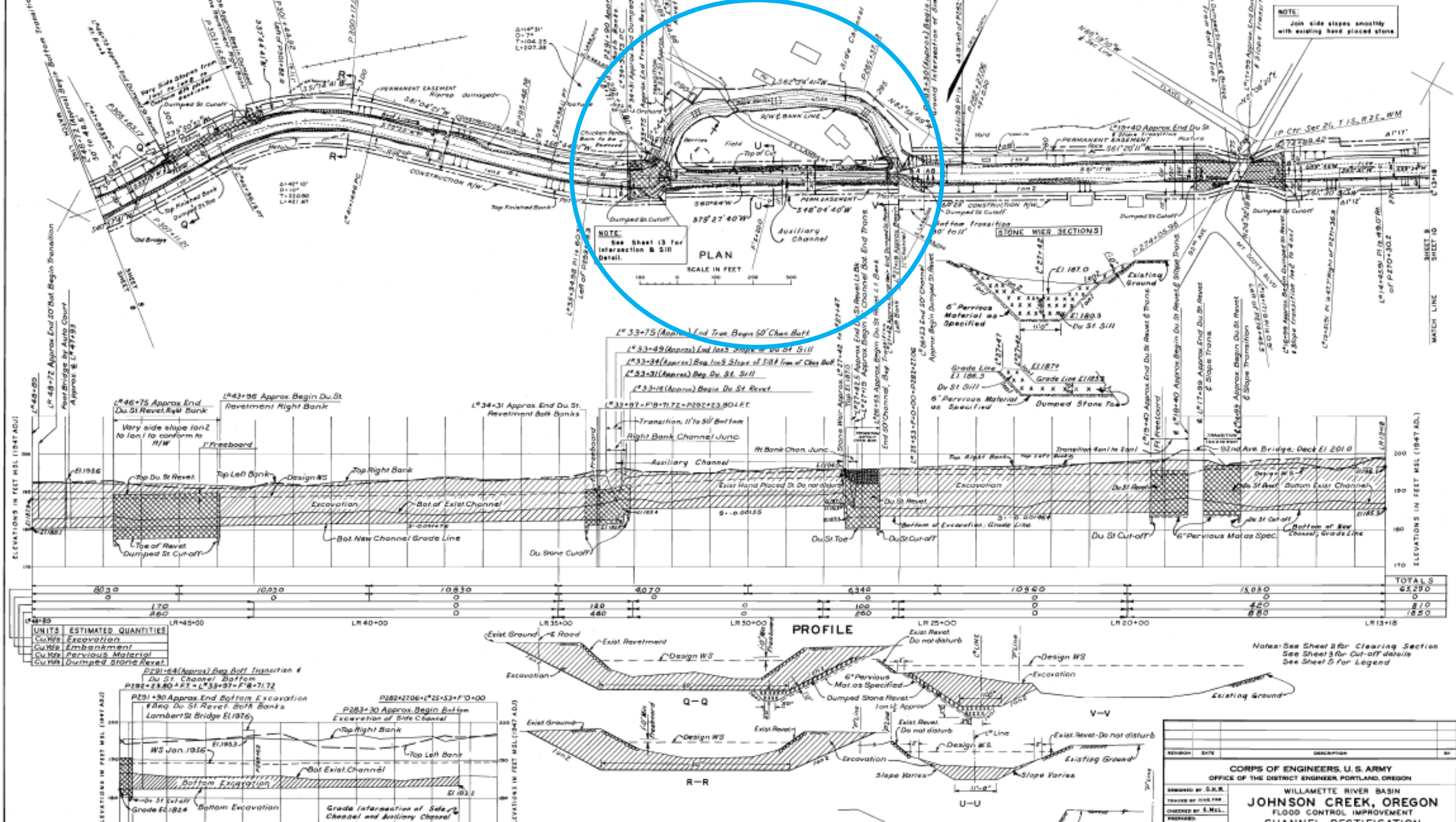












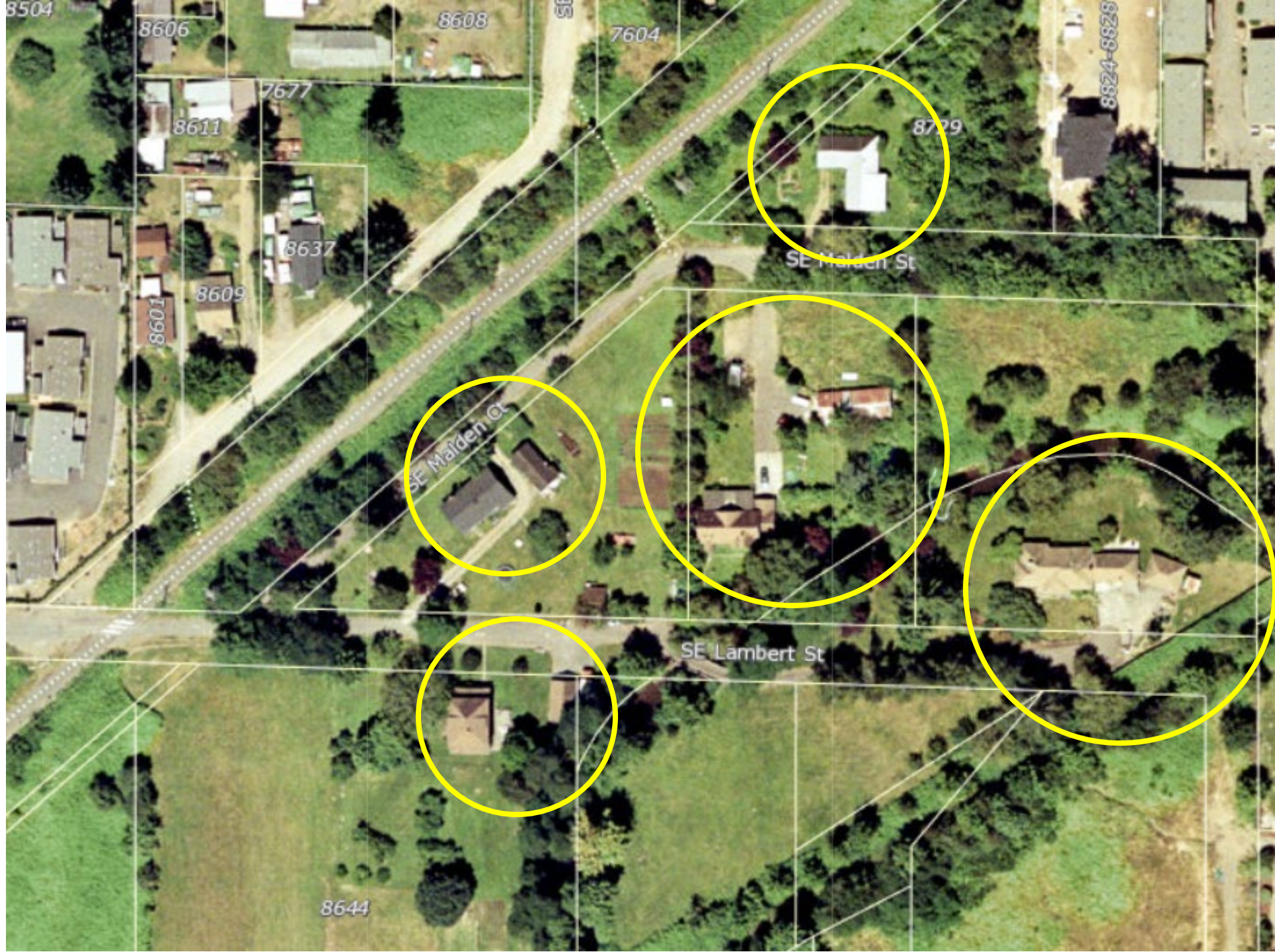




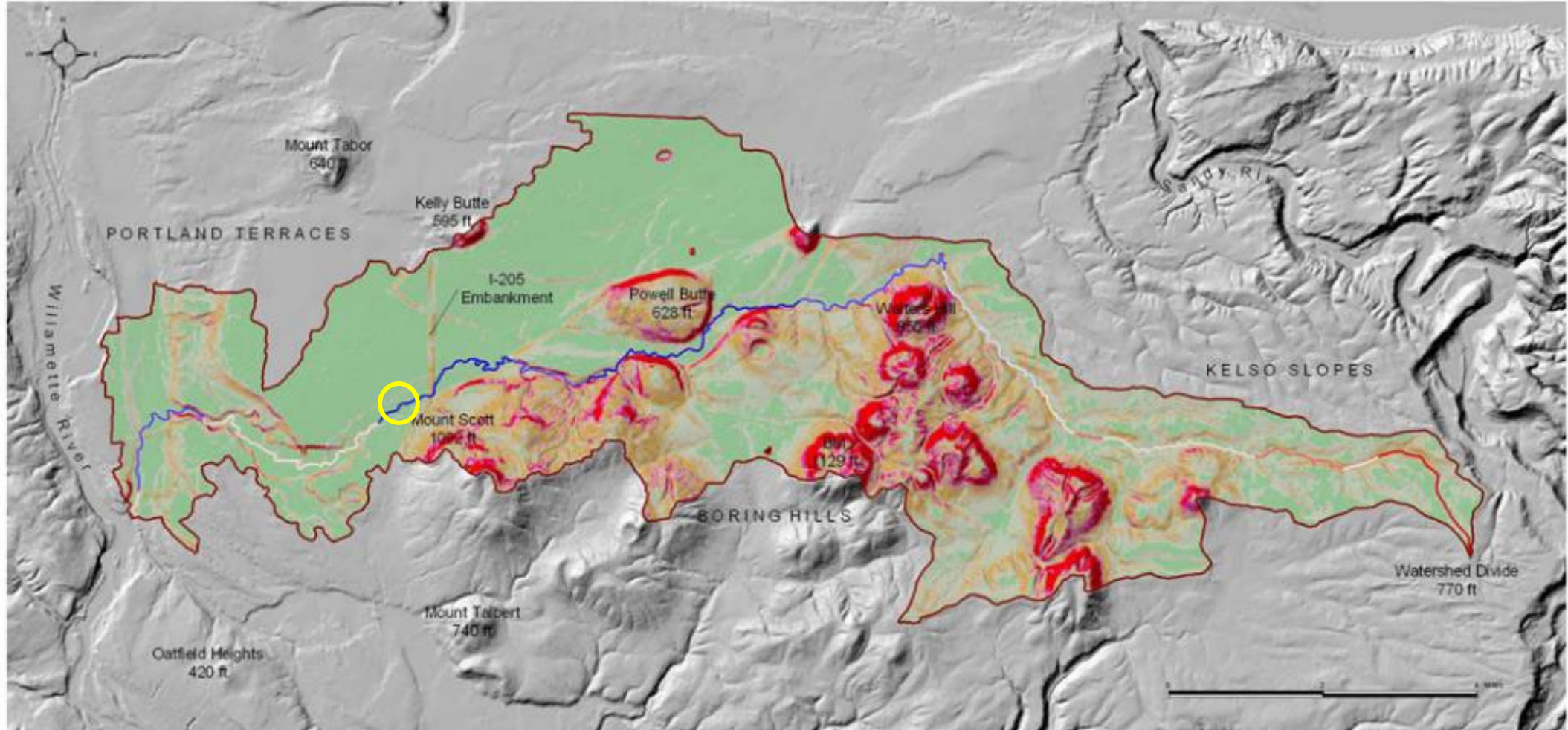






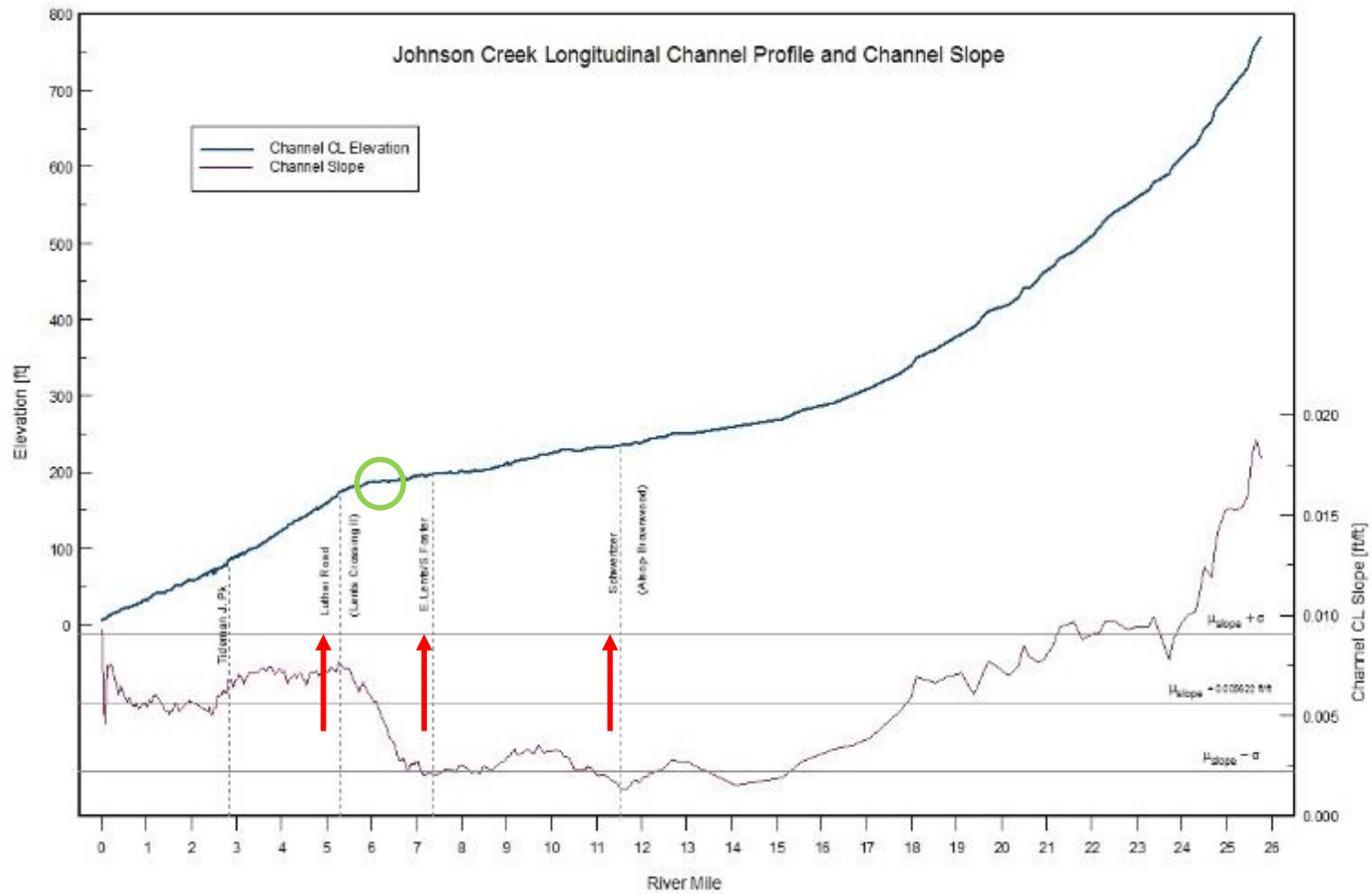


Johnson Creek: watershed

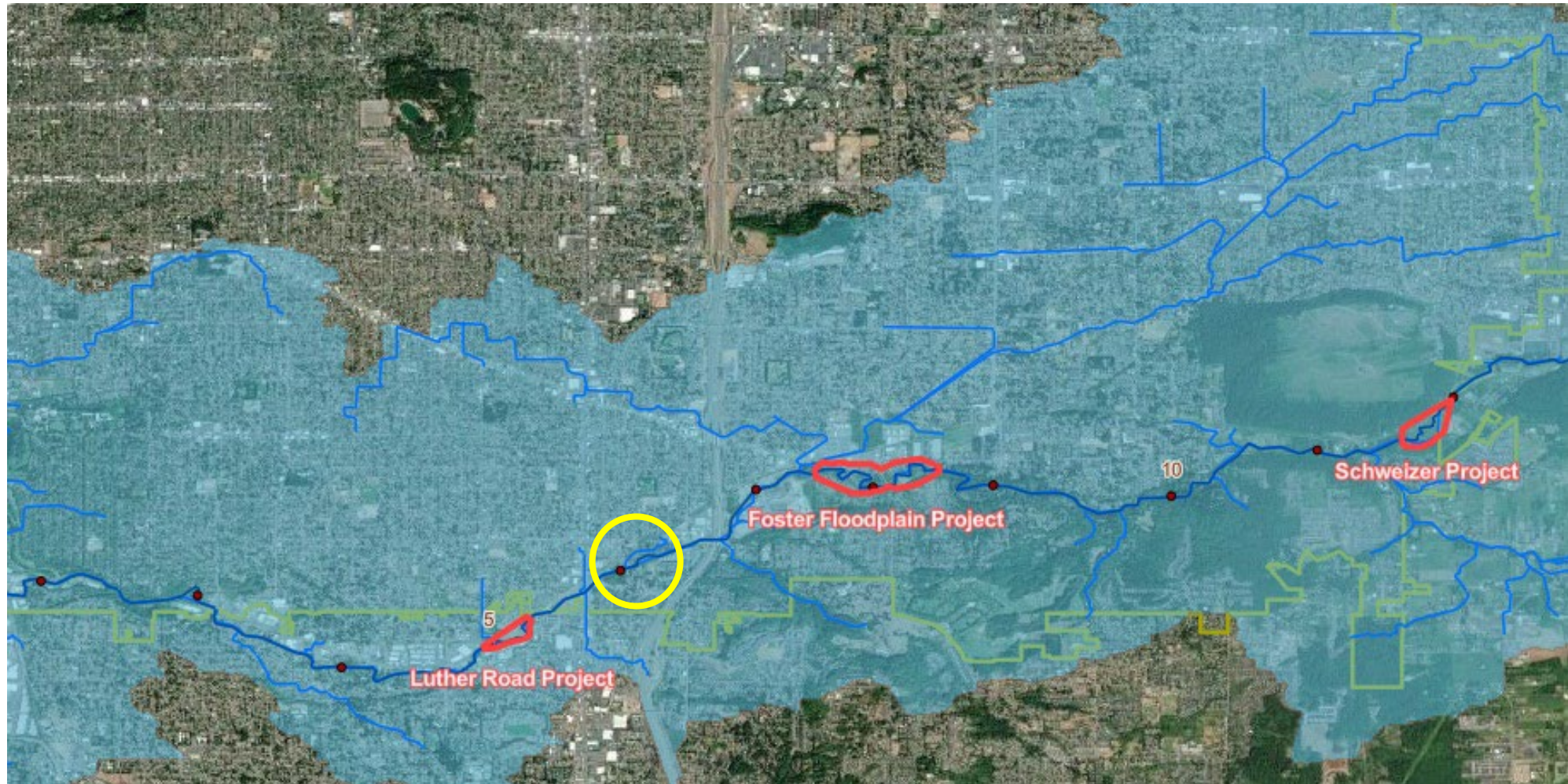


West Lents Floodplain: River Mile 6

Johnson Creek: longitudinal profile

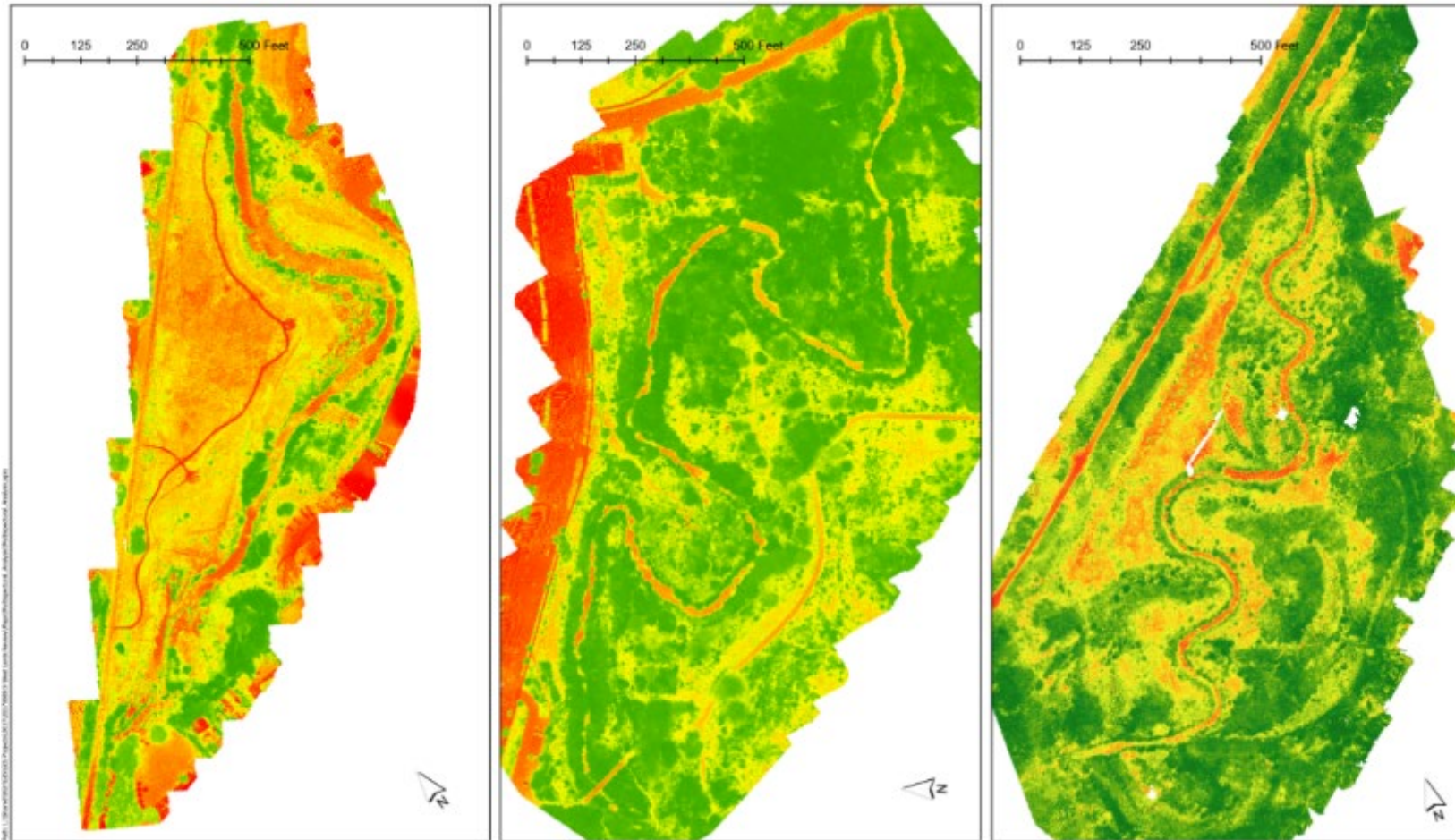


Johnson Creek: reference restoration projects



Project Effectiveness Monitoring

Johnson Creek: reference restoration projects



NDVI – vegetation establishment

Normalized Difference Vegetation Index

Johnson Creek: reference restoration projects



Habitat Conditions

Riparian Cover, Floodplain Vegetation & Beaver

Johnson Creek: reference restoration projects



Floodplain Connectivity

Verdant vegetation within 1-2 ft of water surface elevation

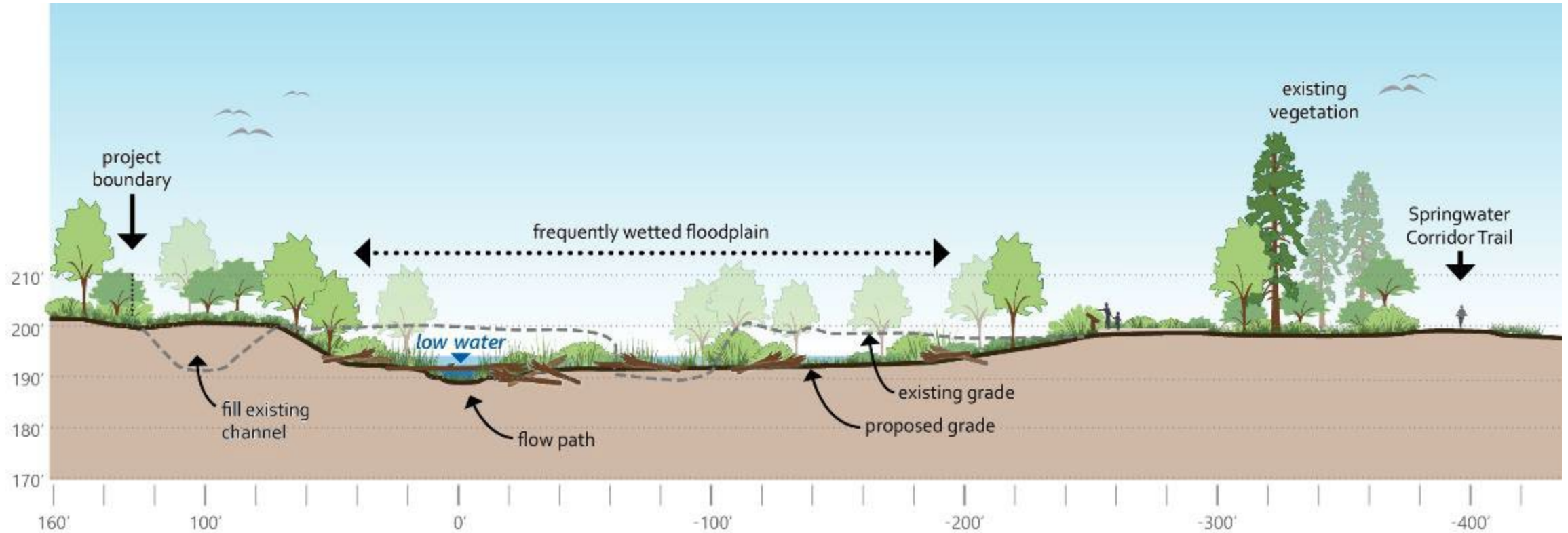
Johnson Creek: reference restoration projects



Floodplain Function

Feb 2020: 2-yr flood event

Johnson Creek: West Lents Floodplain







330 0 30 60 90 120
☀ 53°NE (T) ● 45°27'56"N, 122°34'30"W ±32ft ▲ 207ft









The Good Governance Ride:

August 2025 Pedalpalooza

Celebrating 25 years of Johnson Creek restoration



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