



One Community Around The Lake

 SHANNON & WILSON

Lower Stevens Creek Restoration Project

PUBLIC MEETING

AUGUST 17, 2026

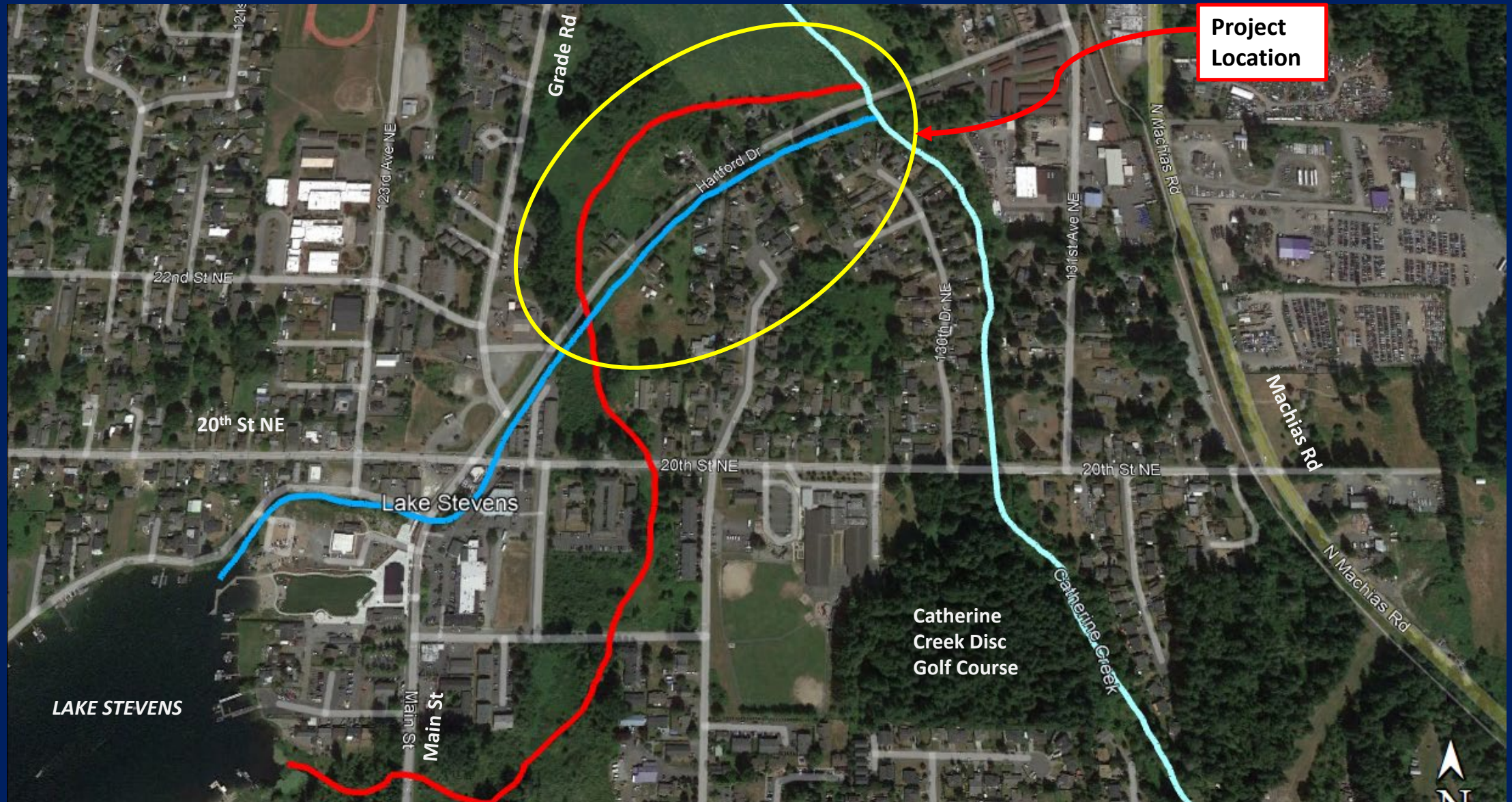
This project is partially funded by the U.S. Environmental Protection Agency (EPA) through its Community Grant Program.



Agenda

- Site, History, and Project Overview
 - What this means for you?
- Preliminary Plans
- Project Elements
- Project Goals
- Next Steps

Site Location



Historical Background

Historic Alteration



- Rucker Mill
- Water diversion project
- Rail spur
- Hartford Drive

Current Condition



- Coho Salmon
- Steelhead
- Cutthroat Trout
- Bull Trout/Dolly Varden

Reference Condition

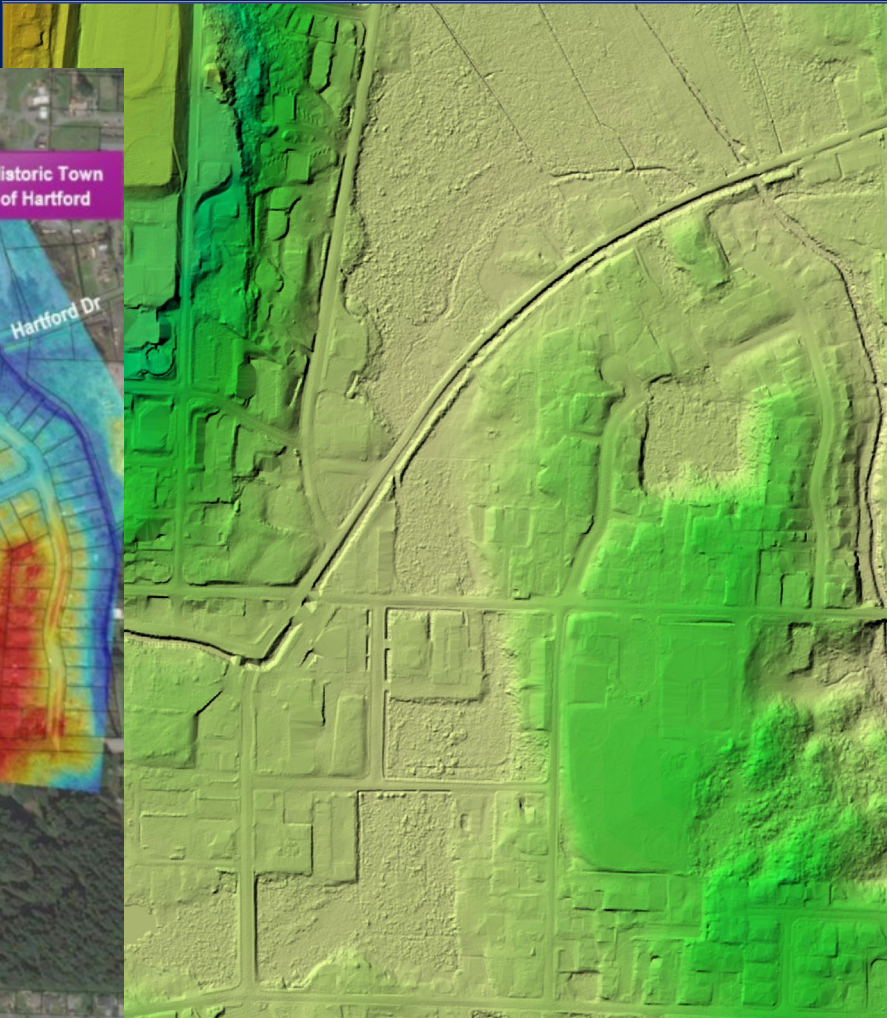
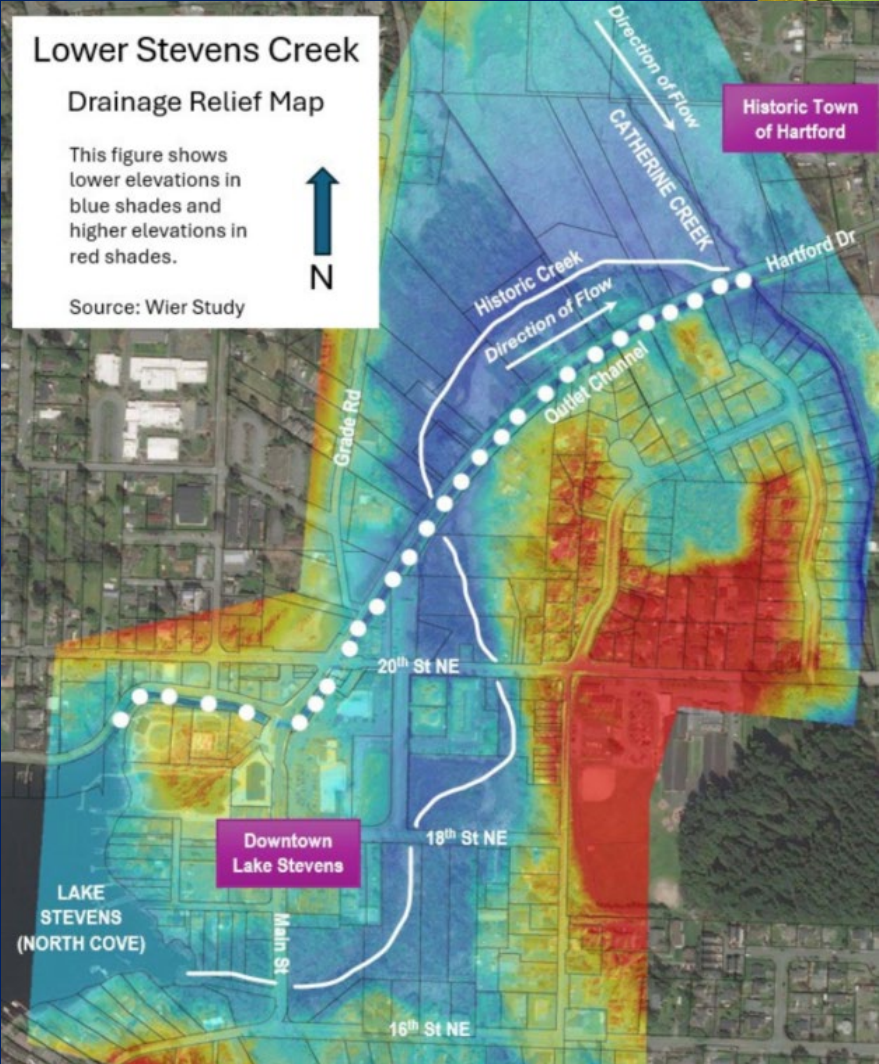


- Lake Cavanaugh example
- Floodplain restoration

Project Site Conditions

Surface Texture and Features

Wetter Low Areas in Blue Tones



City Properties and Aerial Image



Project Overview



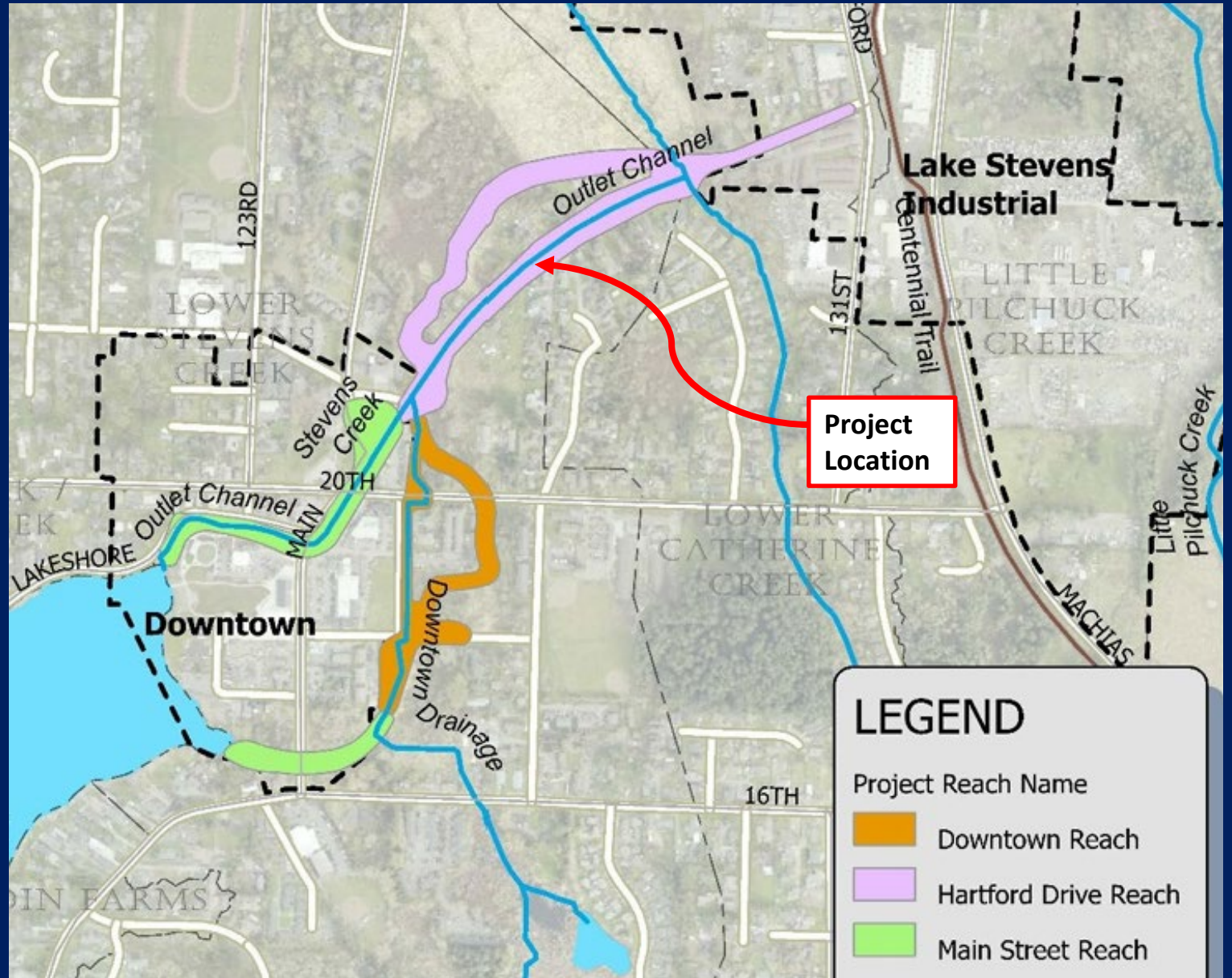
**CITY OF
LAKE STEVENS**

PUBLIC WORKS REPORT NO.
PWR-2025-02

**LOWER STEVENS
CREEK PROJECT PLAN
– PUBLIC REVIEW
DRAFT**

A Plan to Address Flooding, Water Quality, Fish Passage, Habitat, and Stormwater Deficiencies Downstream of Lake Stevens.

June 13, 2025

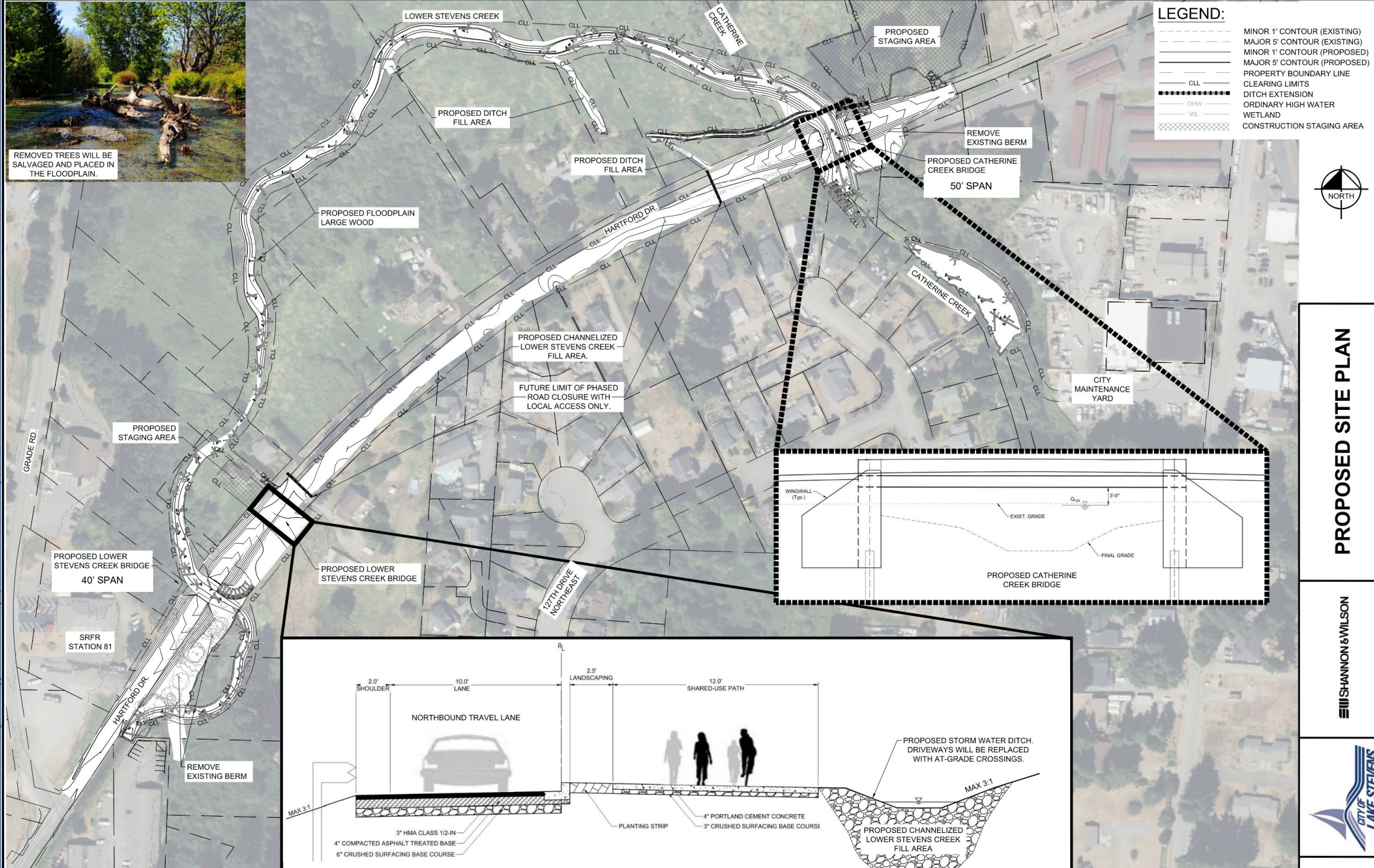


What this means for you?

- Short-Term
 - Temporary Hartford Drive closures
 - Driveway access during construction
 - Construction timelines
- Long-Term
 - Future pedestrian access
 - Reduced flooding
 - Safer roadways
 - Improved fish habitat



Preliminary Site Plan - Structures



LAKE STEVENS SENIOR HOUSING LLC 00562200001204

CITY OF LAKE STEVENS 00562200001103

LOWER STEVENS CREEK

BOND NANCY RENEE 00562200001202 & 00562200001205

PROPOSED DITCH FILL AREA

PROPOSED DITCH FILL AREA

CATHERINE CREEK

CITY OF LAKE STEVENS 00562200001503

CITY OF LAKE STEVENS 00562200001400

LAKE STEVENS SENIOR HOUSING LLC 00562200001301

PROPOSED CATHERINE CREEK BRIDGE

PATTERSON 00562200001801 & 00562200001804

CITY OF LAKE STEVENS 00608000103000

BOYCE CORY T & ANDREA M 00562200001901

MAGUE MOLLY 00562200002001

REICHENBERG 00614300000000

LILLE 00614300000000

DOWE 29060800106000

WILLIAMS 29060800104800

SHANNON 00705800001500

BECKETT 00705800001600

BURKHALLER 00705800001900

EMERLY 00705800002000

SAN JUAN LUDAY 00705800002000

CITY MAINTENANCE YARD

CATHERINE CREEK

GRADE RD.

CITY OF LAKE STEVENS 00562200000910

CITY OF LAKE STEVENS 00562200000903

SANDERS SHILLI S 00562200001001

PROPOSED LOWER STEVENS CREEK BRIDGE

SNOMISH REGIONAL FIRE & RESCUE 00562200000801

SNOMISH REGIONAL FIRE & RESCUE 00562200000708

HARTFORD DR

DAWES BRADLEY EDWARD/KAITLYN MARIKO 29060800102000

ARONICA ALFONSO & AUDRY E 29060800102100

KOSCHE DAVID T & BLANCH E 29060800105500

KOSCHE 29060800105600

SHIN 29060800106800

PHOTOGRAPHED IN CATHERINE CREEK JULY 14, 2026

PHOTOGRAPHED IN CATHERINE CREEK JULY 14, 2026

EXAMPLE OF BRIDGE WITH WINGWALLS AND LARGE WOOD. THIS TYPE OF BRIDGE IS PROPOSED AT LOWER STEVENS CREEK AND CATHERINE CREEK.

NORTH

SHANNON & WILSON

CITY OF LAKE STEVENS

FIG. 2



SHANNON & WILSON

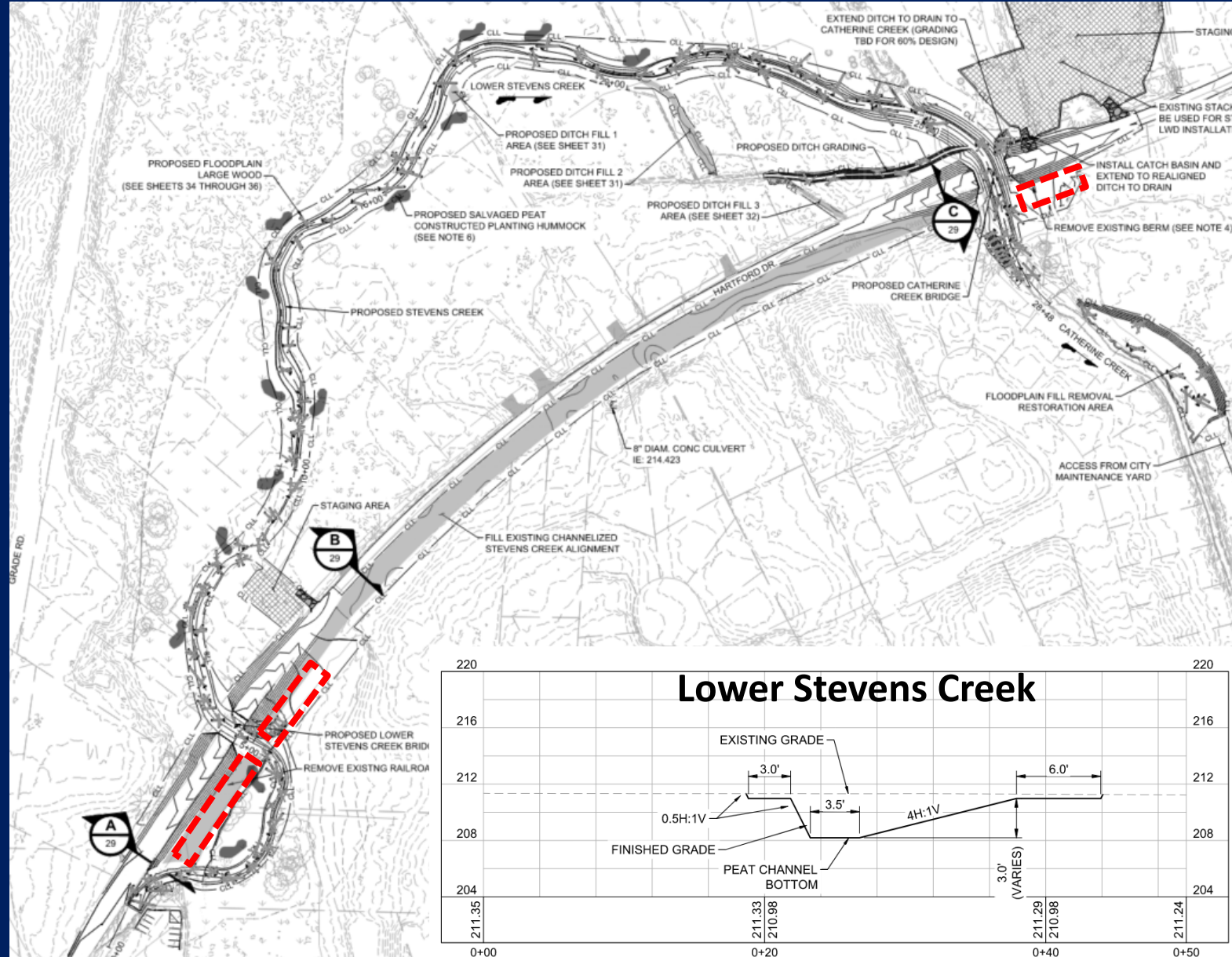


FIG. 2

Project Elements

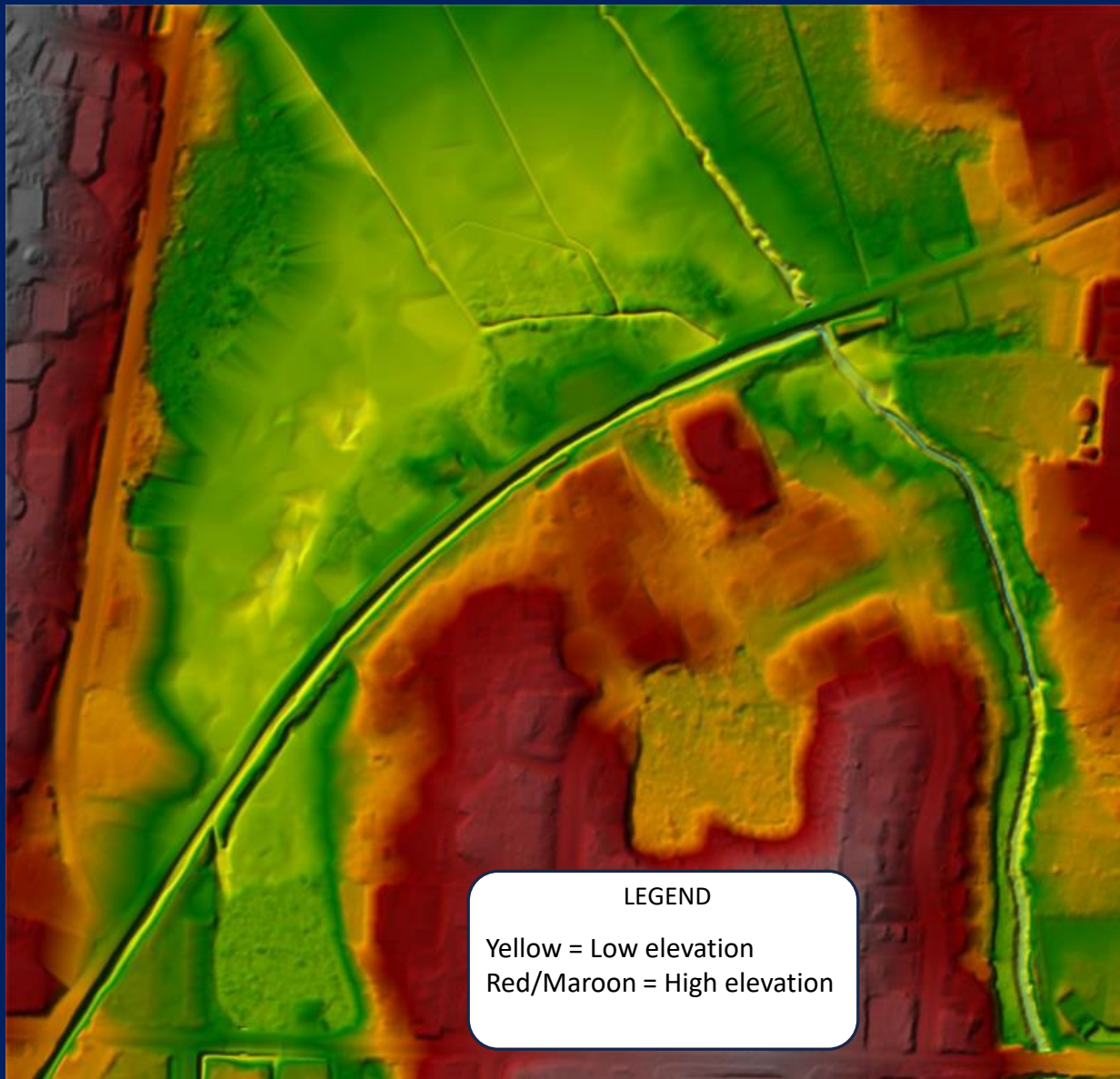
Proposed Site Modifications:

- Proposed channel routed through existing wetland
 - Average width = 18 feet
 - Average depth = 3.5 feet
- Berm removals at two locations
 - Red boxes
- Two bridges
- Future shared-use pathway

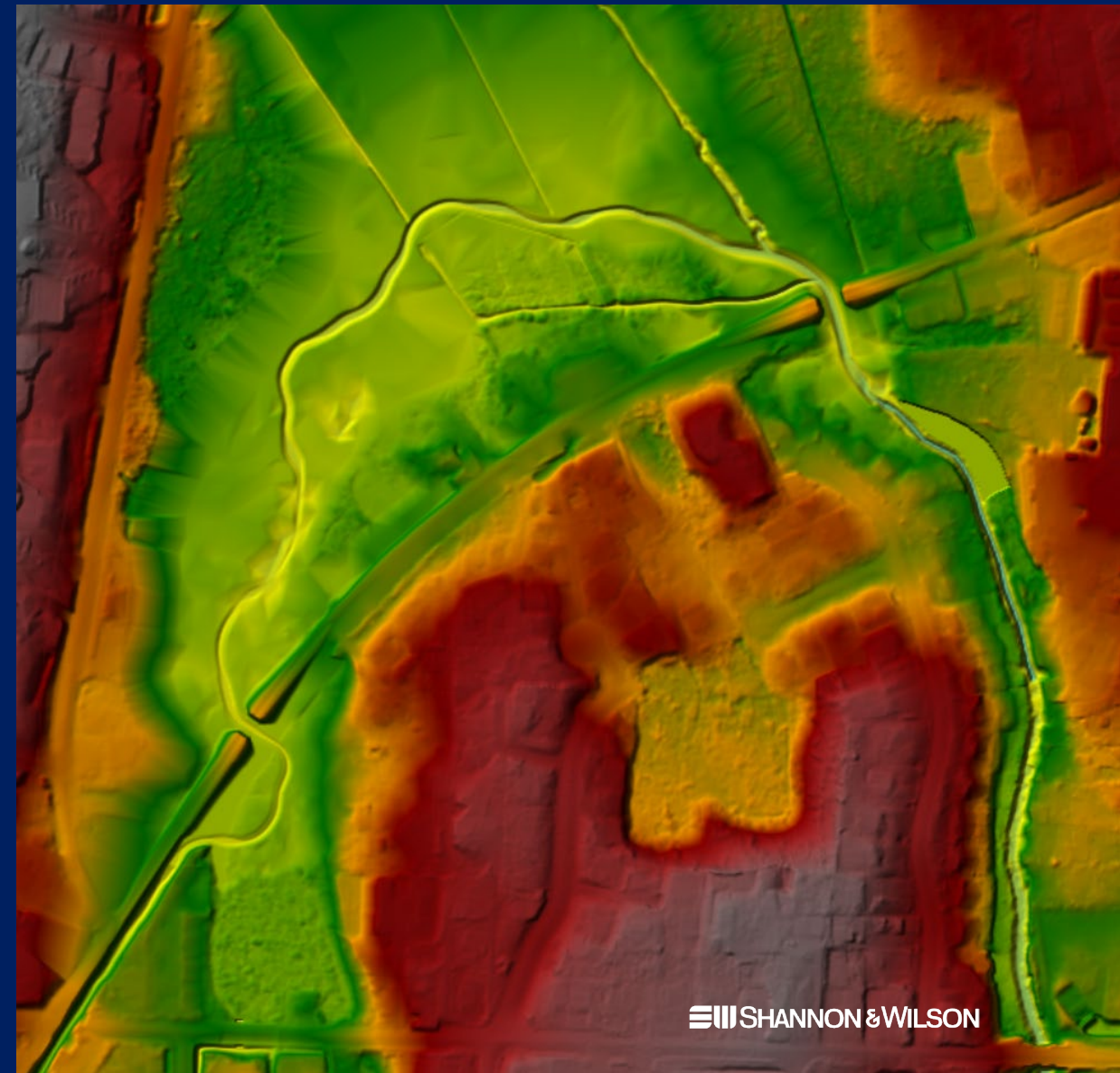


Project Elements

Existing Conditions



Proposed Conditions



Flooding Recurrence Intervals (Return Period)

A recurrence interval is an estimated average time between flood events.

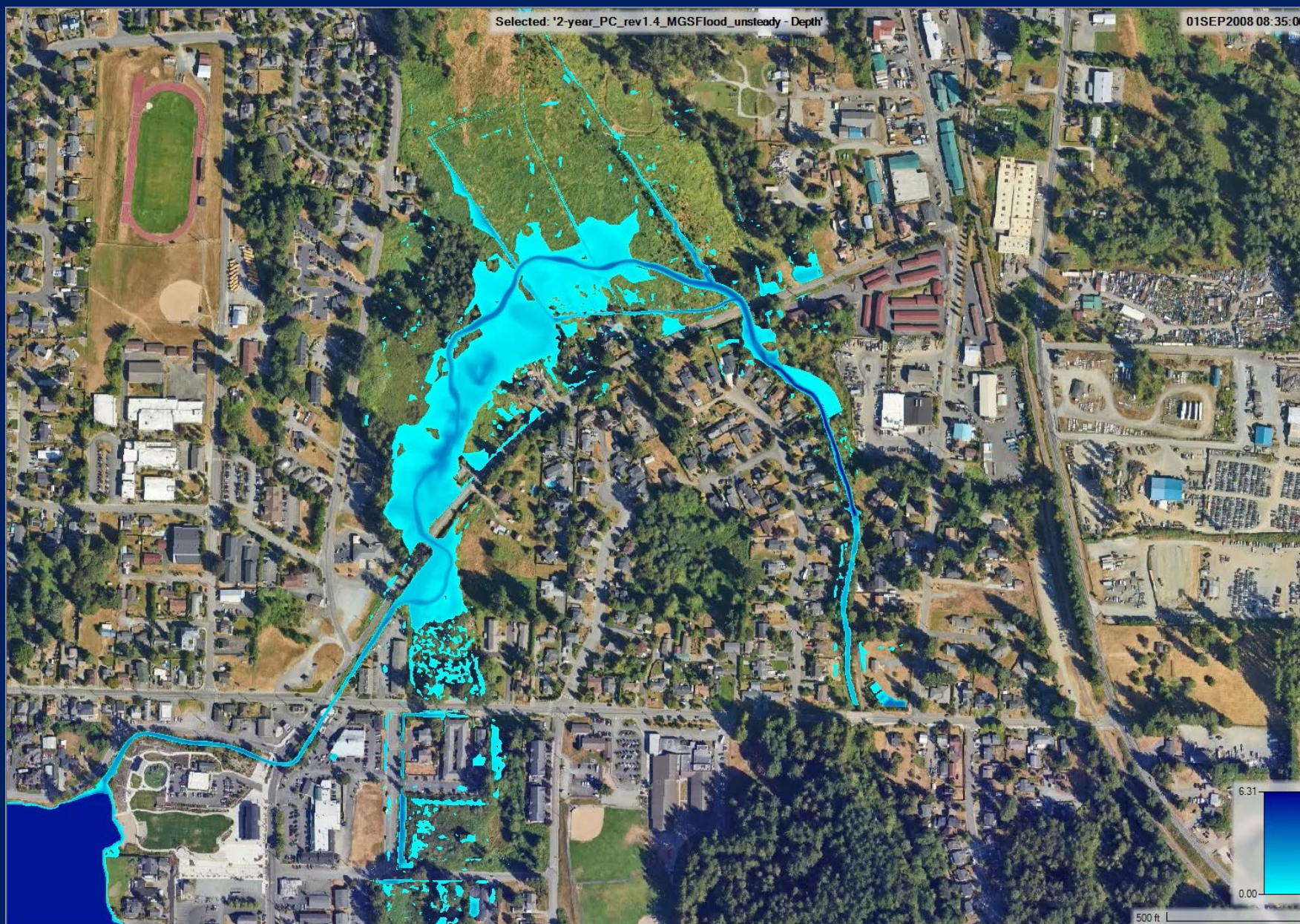
- A 2-year storm does not have as much precipitation as a 100-year storm.
- It is generated by historical storm records.
- It is a measure of risk, not prediction.

February 2020 flooding (pictured):

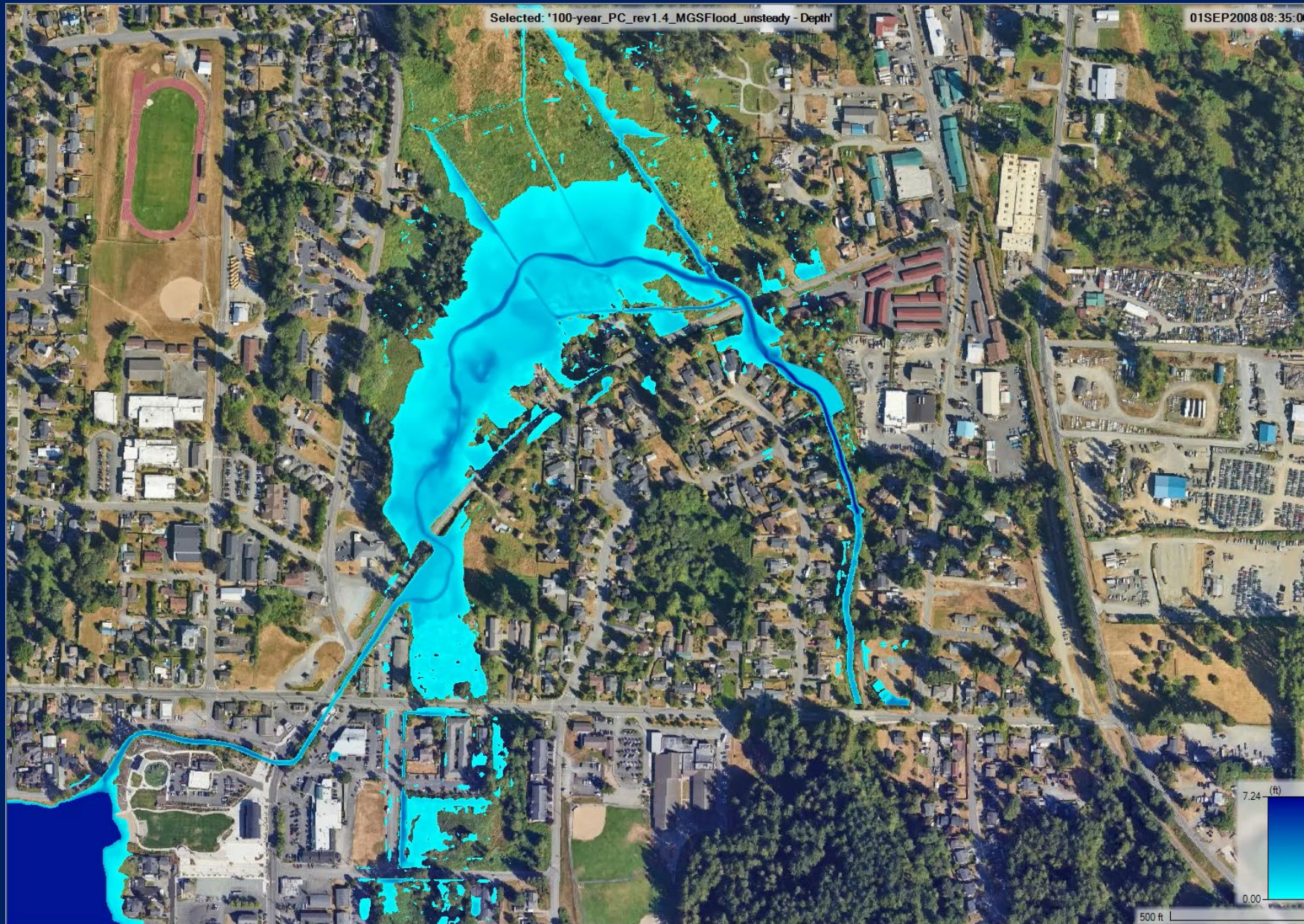
- Was about a 2-year event for the Pilchuck River
- Was between a 20 to 50-year event for Lake Stevens (the waterbody).



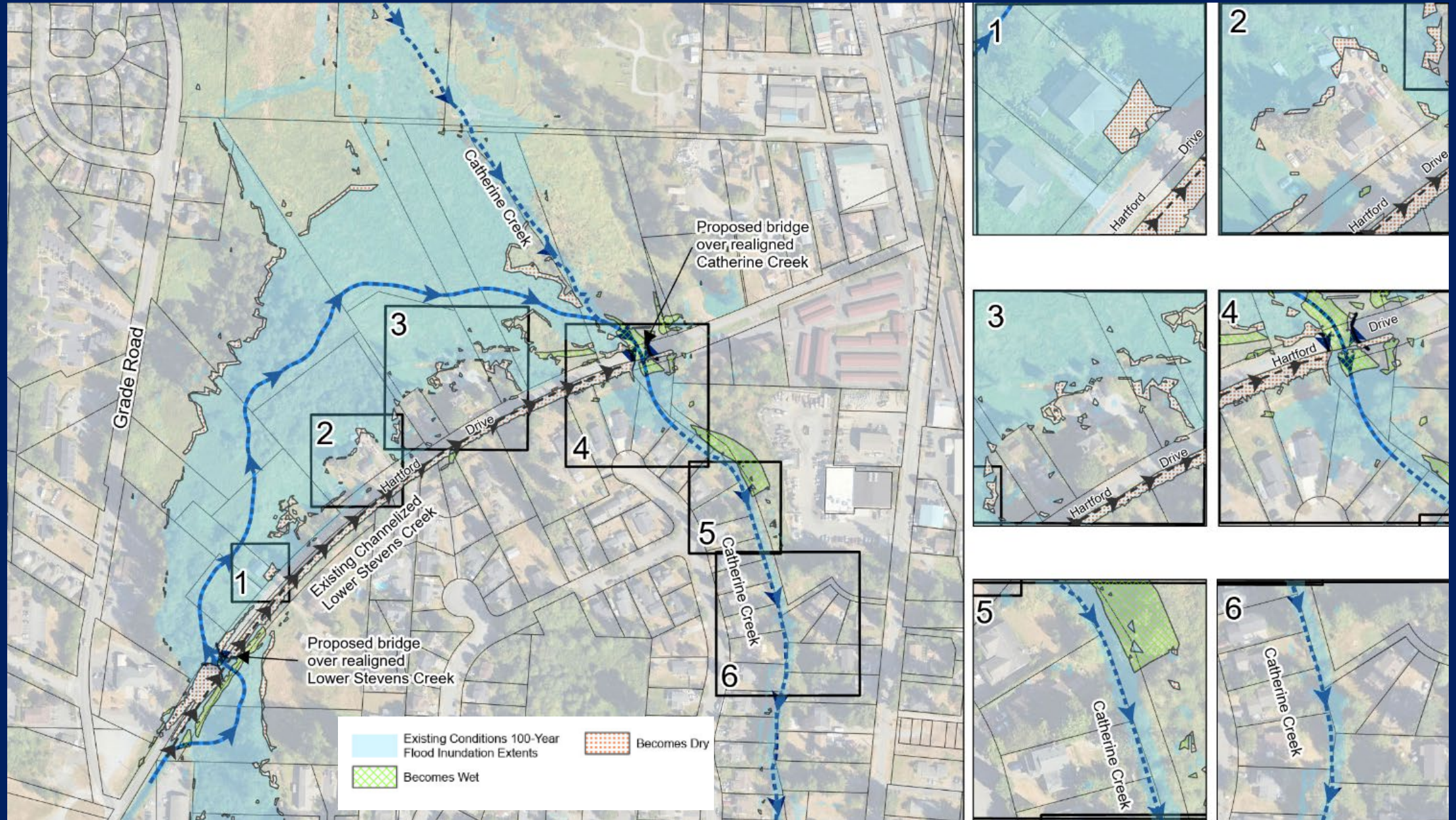
Hydraulic Model: 2-Year Flood



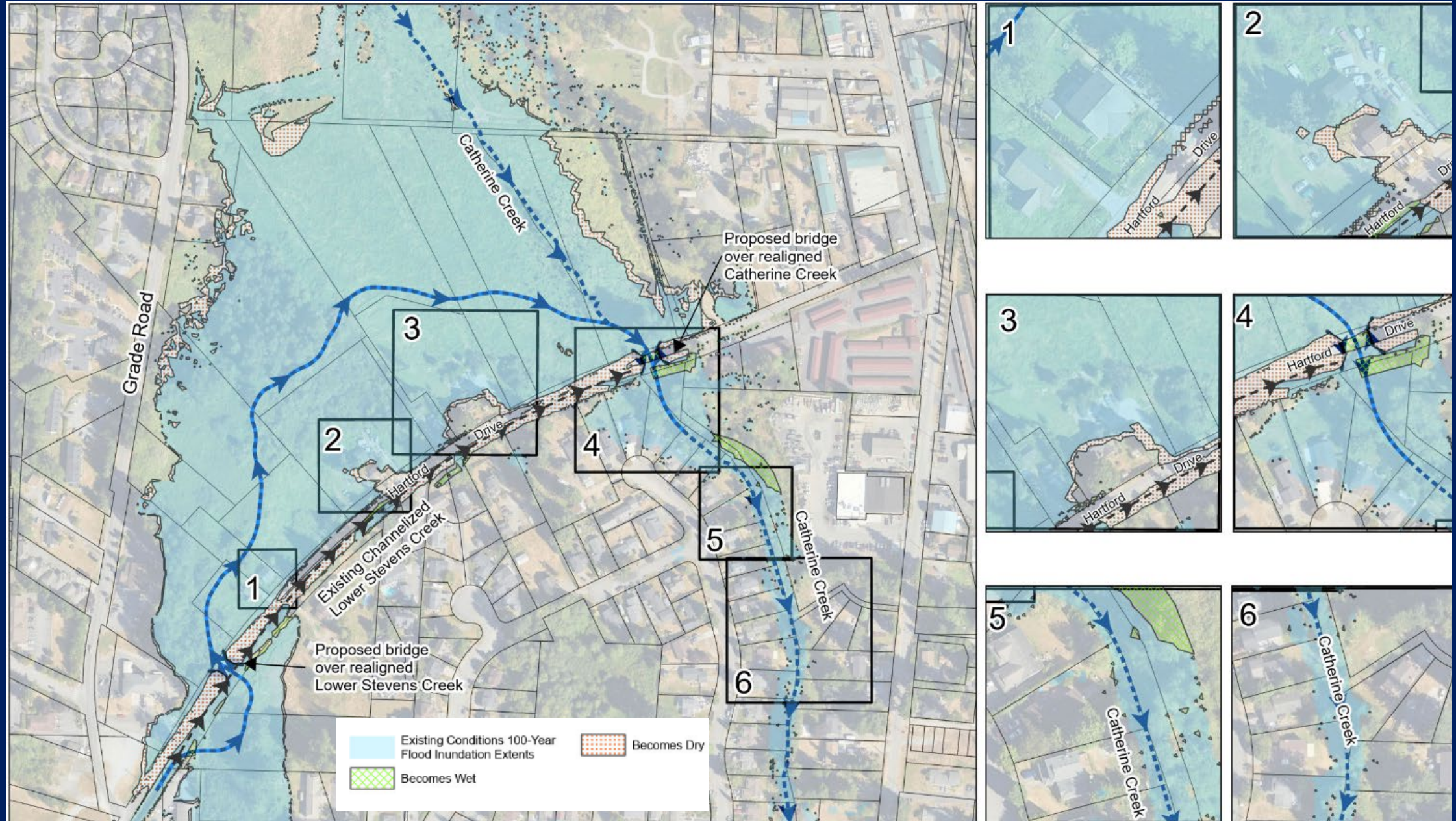
Hydraulic Model: 100-Year Flood



Two-Year Flood Comparison



100-Year Flood Comparison



Project Goals

- **Restore Lower Stevens Creek to historic flow path**
- **Reduce flooding along Hartford Drive and downstream**
- **Improve water quality and stream habitat, and remove fish barriers**







One Community Around The Lake

SHANNON & WILSON

LOWER STEVENS CREEK
RESTORATION PROJECT

Thank You!

Lake Stevens

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