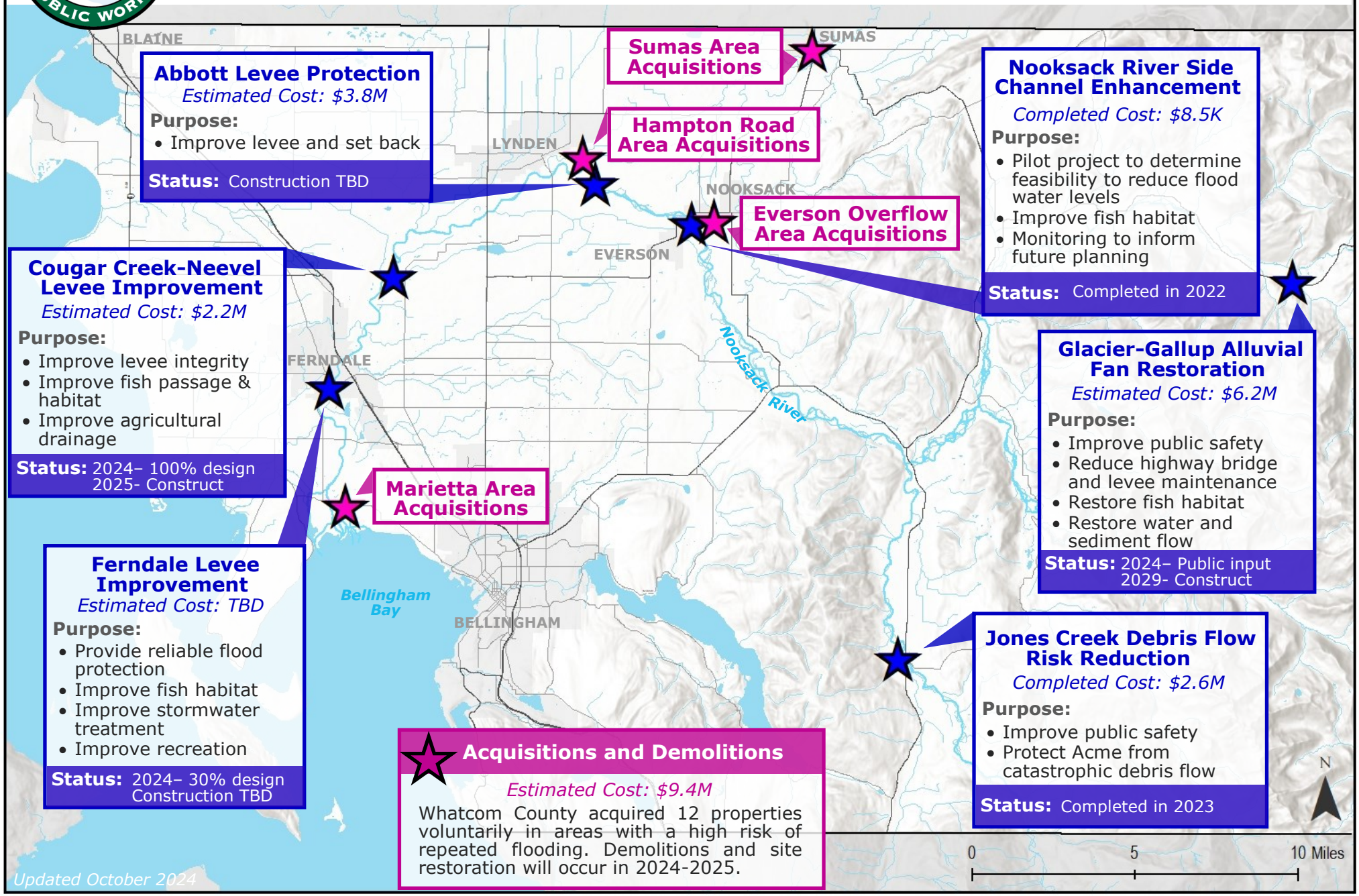
River & Flood Division

Flood Hazard Reduction Projects

Completed or In Progress Since November 2021 Floods

Long-term risk reduction projects developed through comprehensive planning



Abbott Levee Protection

Estimated Cost: $3.8M

Purpose:
- Improve levee and set back

Status: Construction TBD

Sumas Area Acquisitions

Hampton Road Area Acquisitions

Everson Overflow Area Acquisitions

Nooksack River Side Channel Enhancement

Completed Cost: $8.5K

Purpose:
- Pilot project to determine feasibility to reduce flood water levels
- Improve fish habitat
- Monitoring to inform future planning

Status: Completed in 2022

Cougar Creek-Neevel Levee Improvement

Estimated Cost: $2.2M

Purpose:
- Improve levee integrity
- Improve fish passage & habitat
- Improve agricultural drainage

Status: 2024– 100% design
2025- Construct

Glacier-Gallup Alluvial Fan Restoration

Estimated Cost: $6.2M

Purpose:
- Improve public safety
- Reduce highway bridge and levee maintenance
- Restore fish habitat
- Restore water and sediment flow

Status: 2024– Public input
2029- Construct

Marietta Area Acquisitions

Ferndale Levee Improvement

Estimated Cost: TBD

Purpose:
- Provide reliable flood protection
- Improve fish habitat
- Improve stormwater treatment
- Improve recreation

Status: 2024– 30% design
Construction TBD

Jones Creek Debris Flow Risk Reduction

Completed Cost: $2.6M

Purpose:
- Improve public safety
- Protect Acme from catastrophic debris flow

Status: Completed in 2023

Acquisitions and Demolitions

Estimated Cost: $9.4M

Whatcom County acquired 12 properties voluntarily in areas with a high risk of repeated flooding. Demolitions and site restoration will occur in 2024-2025.

Updated October 2024