

Mullen Slough Revegetation

Federal Way Link Extension Transit Expansion Project

Innovation and Community Collaboration

Executive Committee

10/7/2021



Why we are here

- Introduction
- Project Overview
- Sustainability Cost Allowance and Envision
- City Forest Credits Program
- Key Takeaways

Introduction



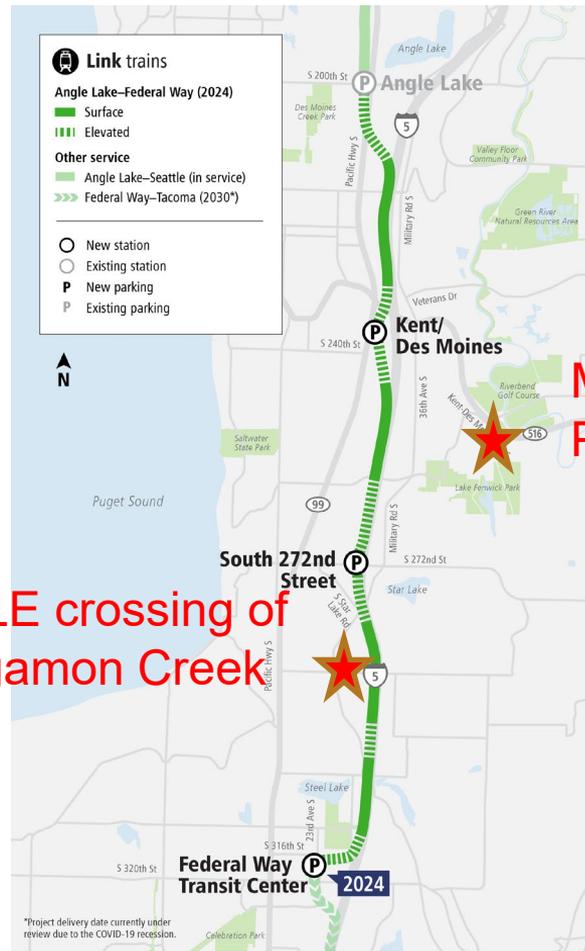
"When salmon are healthy, we are healthy."
~ Billy Frank Jr.

Mullen Slough Revegetation

- *Proposed by Muckleshoot Indian Tribe as mitigation for FWLE tree impacts.*
- *Area identified as critical for tree shade to reduce in-stream water temperatures.*
- *High priority area for King County's Green River riparian restoration efforts.*



Vicinity Map



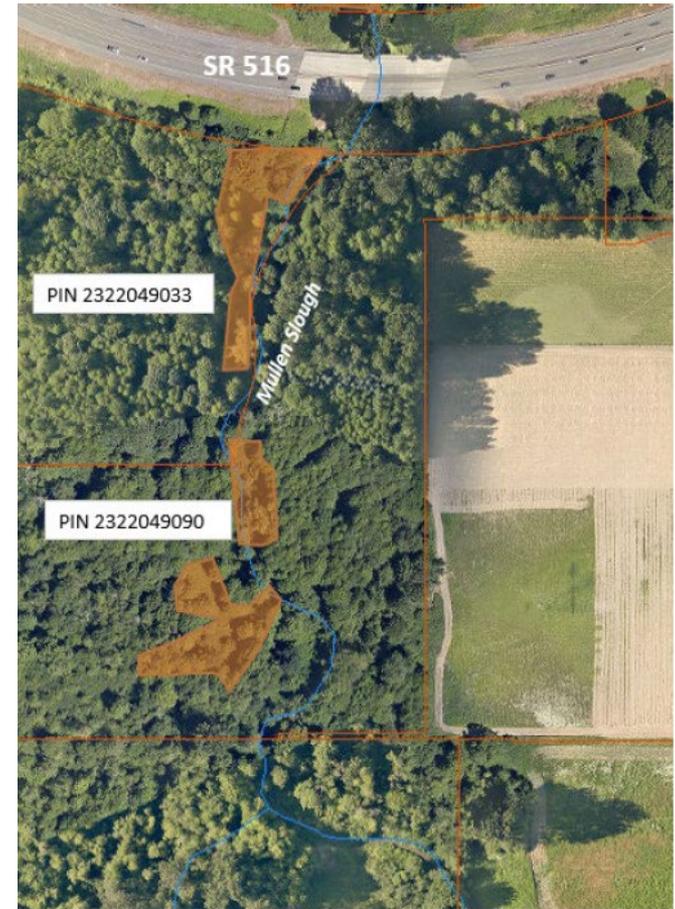
FWLE crossing of
Bingamon Creek

Mullen Slough
Planting Area

Planting Areas



- Restore 4 acres of riparian area along the Green River and Mullen Slough.
- Plant approx. 5,000 native trees and shrubs.



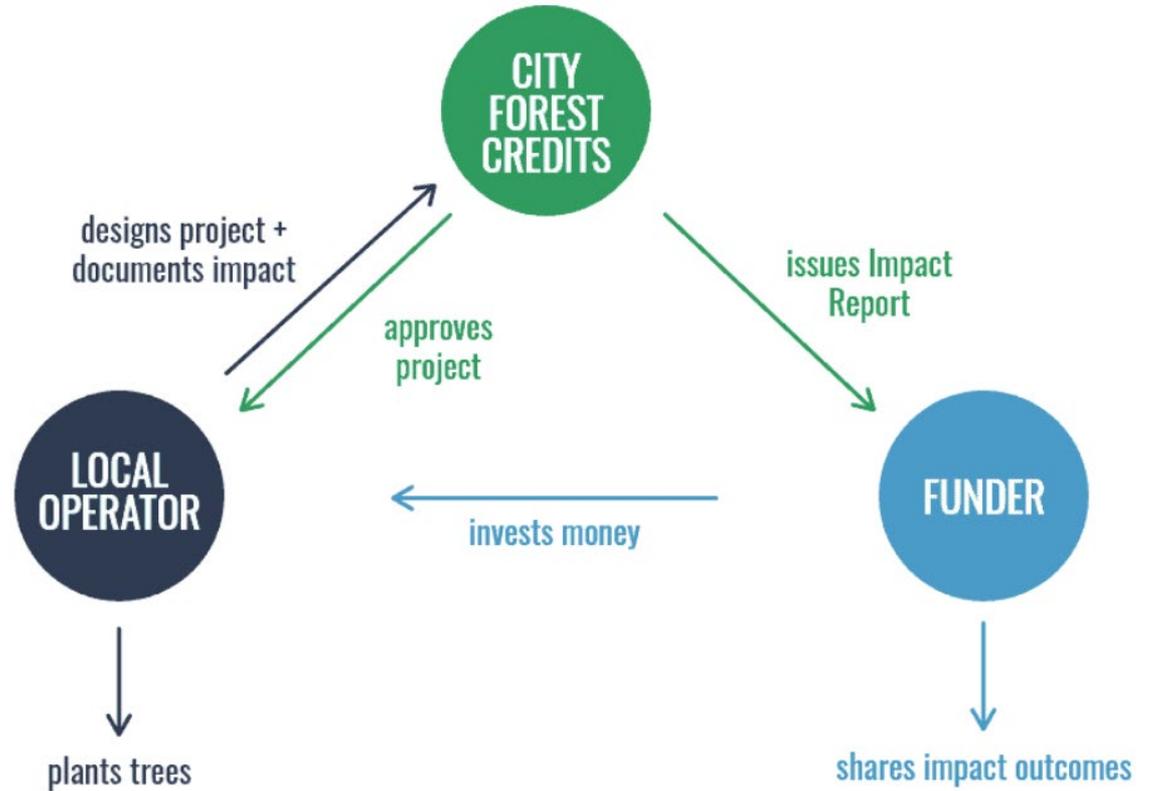
Importance of Riparian Trees

- *Cooler in-stream temperatures*
- *Habitat and food source for salmon*
- *Climate resiliency*
- *Filter and store stormwater runoff*



Supporting Green Infrastructure

- ***Sustainability Cost Allowance enables implementation of ST3 Plan's green building and infrastructure goals***
- ***Envision sustainable infrastructure certification drives higher performance***
- ***Contributes to several Envision credits***



Impact Scorecard Metrics

Environment

- **Climate action**
- **Site prep**
- **Water quality & quantity**
- **Bioremediation**
- **Habitat, food, & wood**

Human Health

- **Air quality effects**
- **Urban heat effects**
- **Physical activity**
- **Wellness & mental health**
- **Connections for social health**

Social Equity

- **Inequity context**
- **Site selection**
- **Community engagement**
- **Community participation**
- **Economic equity**

Key Takeaways

- *Invest in Long-term Partnerships*
- *Identify Opportunities Early*
- *Envision & City Forest Credits increased:*
 - collaboration
 - innovation
 - performance

Thank you.



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