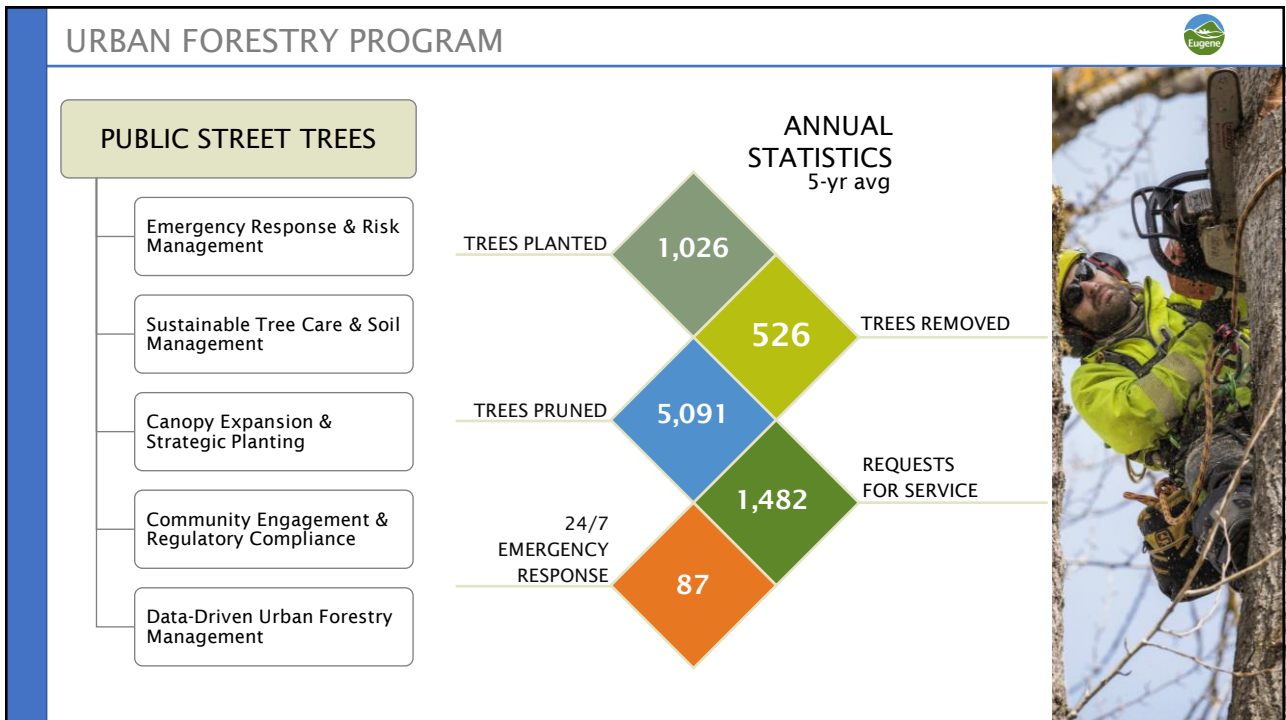




1



2



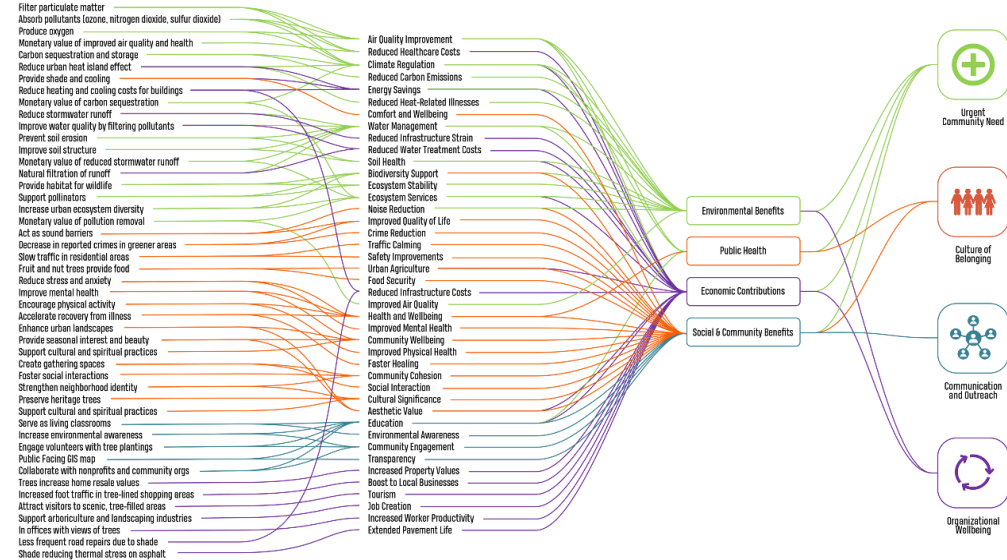
URBAN TREE CANOPY



3



ECOSYSTEM BENEFITS: \$155 MILLION



4

CHALLENGES

LAND AVAILABILITY

Multiple community priorities, competition for space and resources, and development pressures.

OWNERSHIP

72% of the urban forest canopy coverage is on private property

NATURAL TREE LOSS

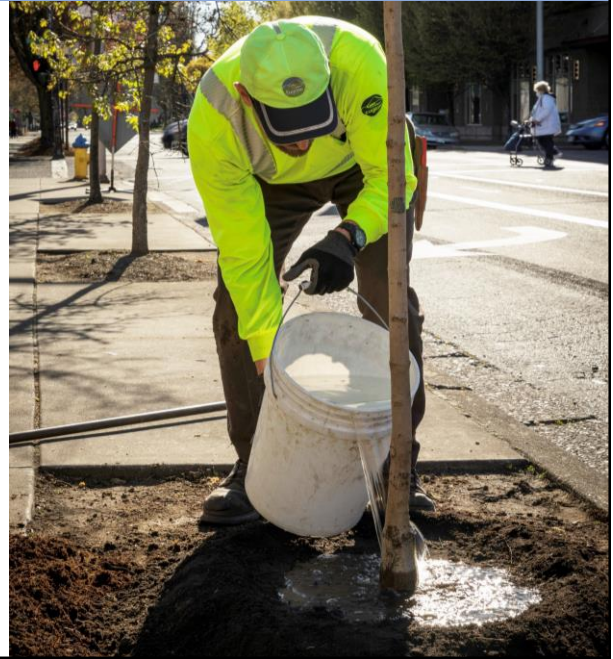
Approximately **600** street trees are removed annually due to age, damage, and other factors

- 13% annually due to sidewalk conflict

ENVIRONMENTAL STRESSORS

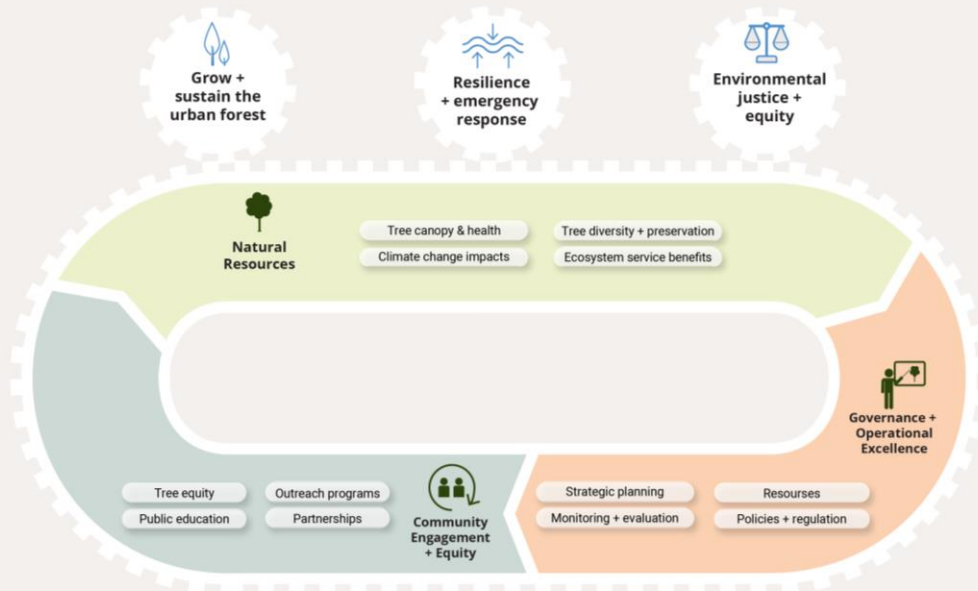
Climate change - storms, drought, wildfires and pests.

- Emerald Ash Borer will impact 9% of street trees.



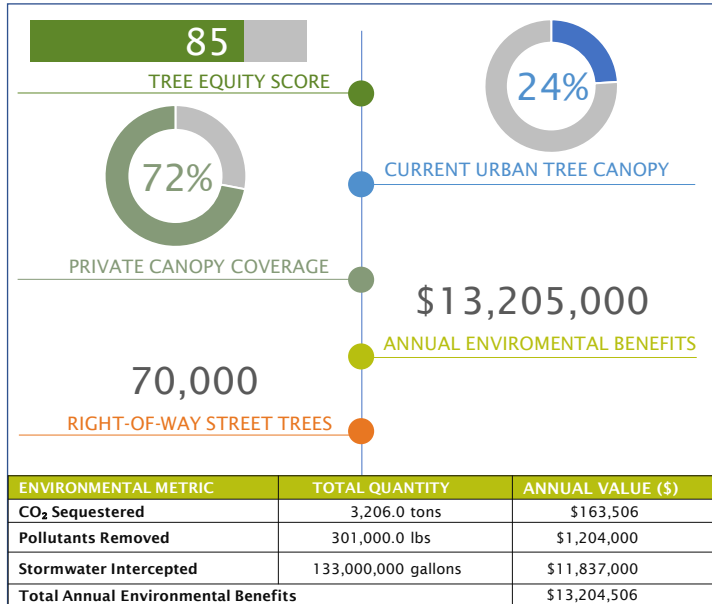
5

PLAN FRAMEWORK



6

THE URBAN FOREST - AS A SYSTEM



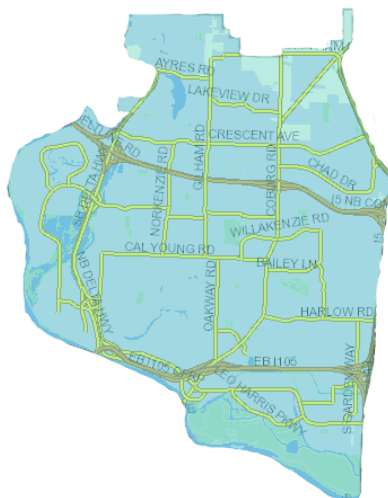
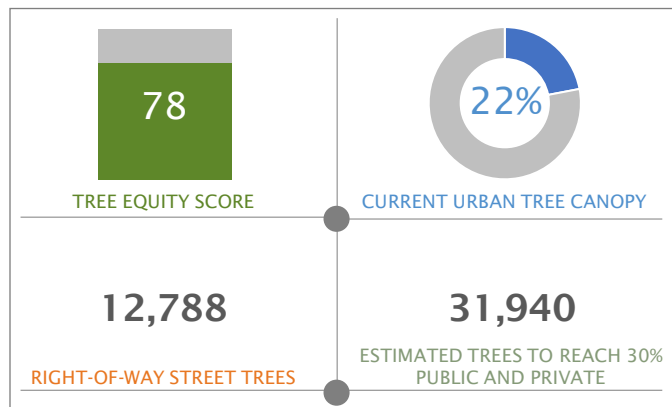
7

URBAN FORESTRY PLANNING DISTRICT PROFILE



WILLAKENZIE

Wards: 4,5



STRATEGIC FOCUS

Preserve and renew aging trees to maintain the canopy.

Plant and establish trees on public and private land.

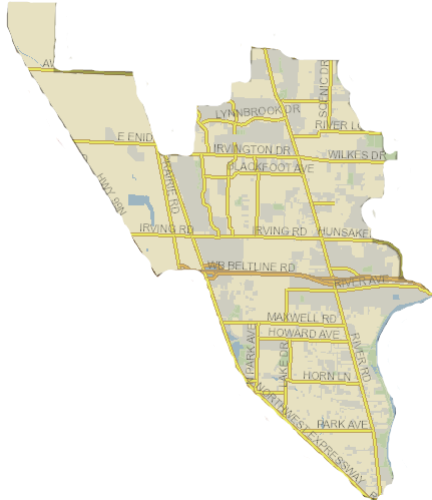
8

URBAN FORESTRY PLANNING DISTRICT PROFILE



RIVER ROAD / SANTA CLARA

Ward: 7



82

TREE EQUITY SCORE

5,071

CITY OF EUGENE
RIGHT-OF-WAY STREET TREES

19%

CURRENT URBAN TREE CANOPY

50,821

ESTIMATED TREES TO REACH 30%
PUBLIC AND PRIVATE

STRATEGIC FOCUS

Preserve mature trees and plant additional trees in underserved areas.

Collaborate with Lane County, private landowners and new developments for tree planting.

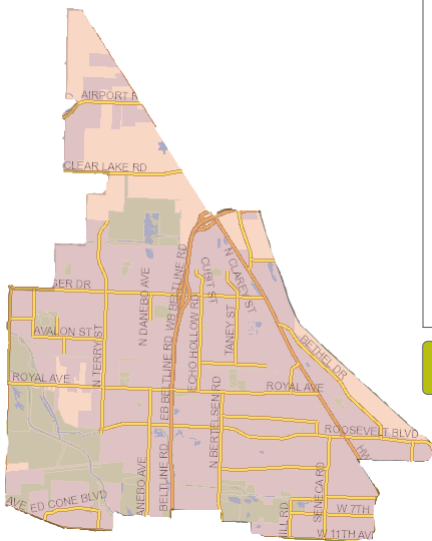
9

URBAN FORESTRY PLANNING DISTRICT PROFILE



BETHEL

Wards: 6, 7, 8



69

TREE EQUITY SCORE

9,510

RIGHT-OF-WAY STREET TREES

9%

CURRENT URBAN TREE CANOPY

114,424

ESTIMATED TREES TO REACH 30%
PUBLIC AND PRIVATE

STRATEGIC FOCUS

Target tree planting in industrial and residential areas to increase canopy.

Mitigate heat island effects and increase walkability.

10

URBAN FORESTRY PLANNING DISTRICT PROFILE



CITY CENTRAL / DOWNTOWN

Wards: 1, 3, 7



87

TREE EQUITY SCORE

10,309

RIGHT-OF-WAY STREET TREES

22%

CURRENT URBAN TREE CANOPY

12,179

ESTIMATED TREES TO REACH 30%
PUBLIC AND PRIVATE

STRATEGIC FOCUS

Enhance green spaces for pedestrians, improve walkability and the overall environment.

Preserve and maintain historic and majestic trees.

11

URBAN FORESTRY PLANNING DISTRICT PROFILE



SOUTHWEST

Wards: 1, 8



90

TREE EQUITY SCORE

7,219

RIGHT-OF-WAY STREET TREES

28%

CURRENT URBAN TREE CANOPY

4,856

ESTIMATED TREES TO REACH 30%
PUBLIC AND PRIVATE

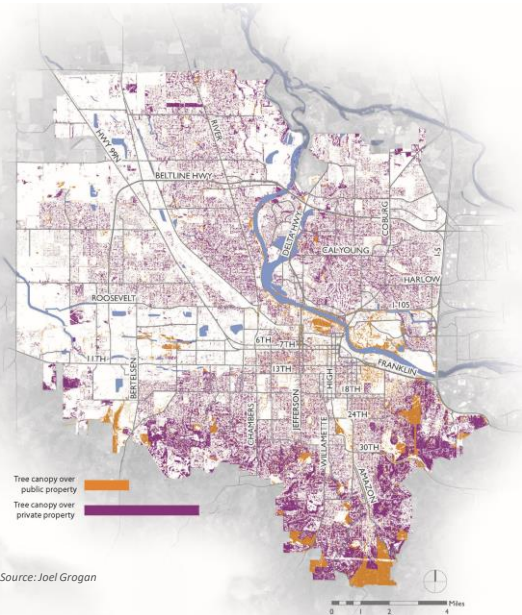
STRATEGIC FOCUS

Preserve and care for the mature street trees.

Plant additional trees in disadvantage areas.

12

30% URBAN TREE CANOPY COVERAGE GOAL



TREES TO ACHIEVE
30% CITYWIDE URBAN
TREE CANOPY

214,000

ESTIMATED PUBLIC
TREE NEED

60,000

ESTIMATED PRIVATE
TREE NEED

154,000

15

A SYSTEMATIC APPROACH DOES WORK



BETHEL:

INCREASE: From 8% to 9%

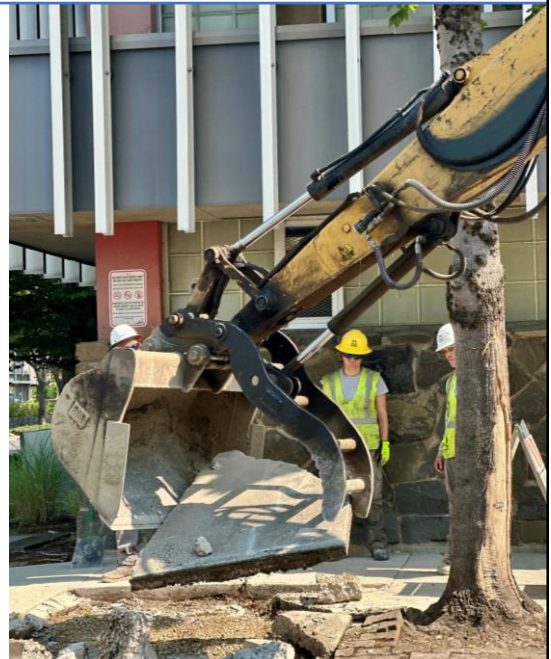
Planted 900 trees in the highest need areas

CITY CENTRAL /DOWNTOWN:

INCREASE: From 19% to 22%

Planted 170 trees in downtown core

Removed 1,240 sq. ft. of concrete



16

STRATEGIC PATHWAY TO REACH 30% CANOPY COVERAGE



STRATEGY OVERVIEW

1

Focus on direct control – publicly-owned street and park trees

2

Community wide effort - Regional collaboration to encourage increased planting on other public and private land.

PRIORITY ACTION

TARGET:

Plant 1,500 public trees annually over the next 15 years to maximize stocking levels in the right-of-way and parks.

SCOPE:

Limited to areas under direct city management.

COST:

\$937,500
annually

BENEFIT:

Visible improvement and manageable growth

17

FUNDING STRATEGIES



GRANTS

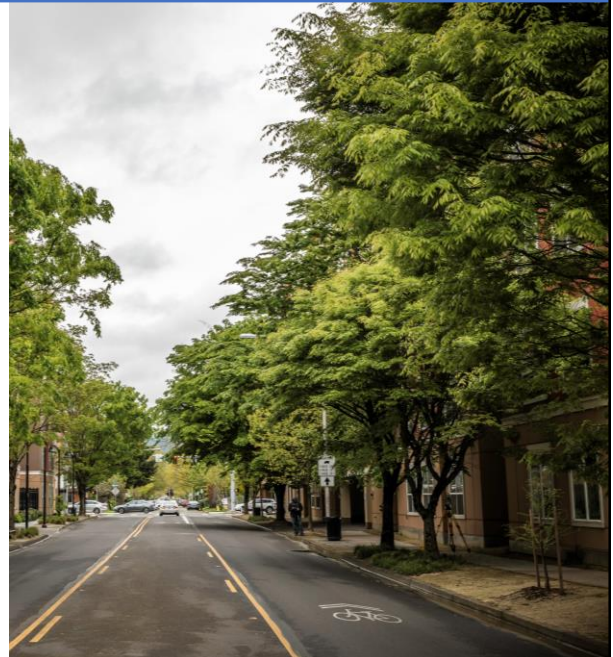
- State ODF Growing Equity: Urban & Community Forestry IRA Grant - \$746,000
- Federal EPA IRA Community Change Grant - \$3.7M

TRANSPORTATION BOND

\$2M over the course of five years, starting in 2025 will focus on planting and establishing street trees.

REGIONAL PARTNERSHIPS

- Key public land-owners (i.e. EWEB, ODOT, Lane County, BLM, UO)
- Developers
- Industrial and residential property owners



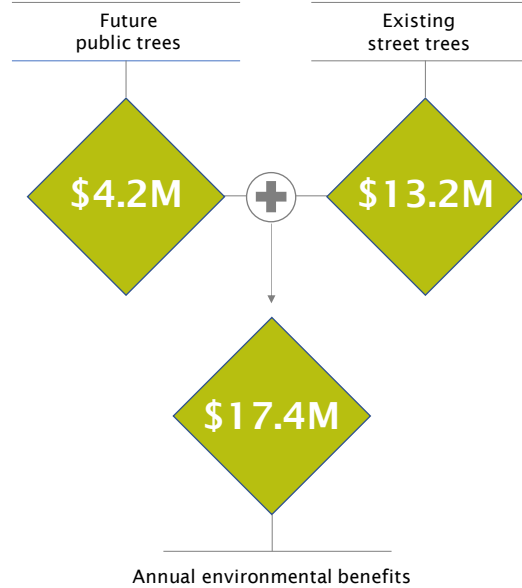
18

RETURN ON INVESTMENT – AT MATURITY



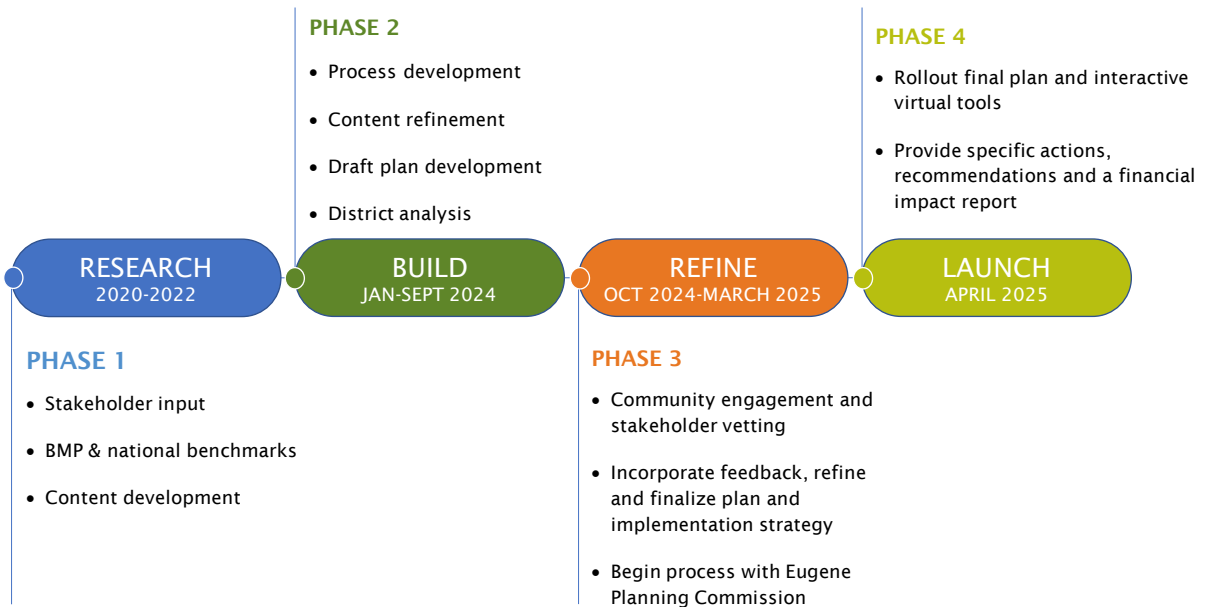
Additional 22,500 public trees:
1,500 planted annually over 15 years

METRIC	TOTAL QUANTITY	ANNUAL VALUE (\$)
CO ₂ Sequestered	1,030.5 tons	\$52,555
Pollutants Removed	96,750.0 lbs	\$387,000
Stormwater Intercepted	42,750,000 gal	\$3,804,750

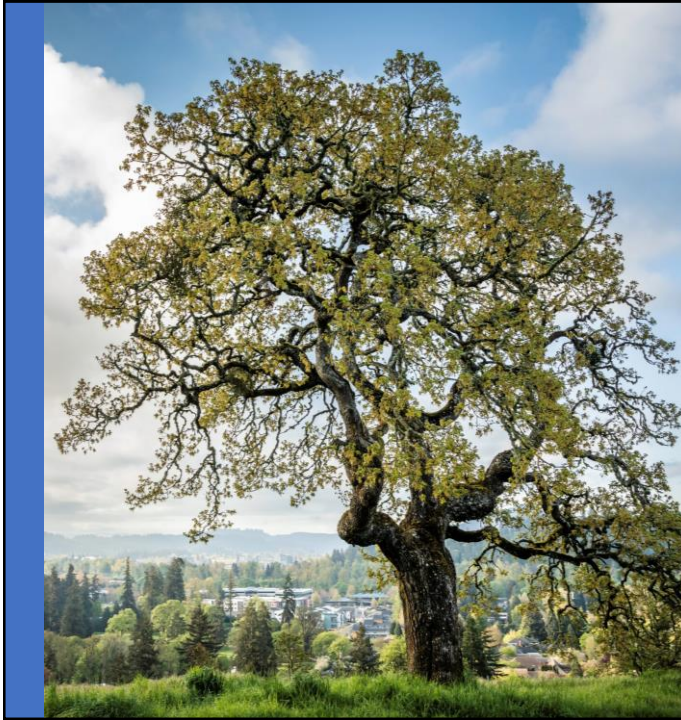


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PROJECT TIMELINE



20



Thank you

Questions?

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cpeterson@eugene-or.gov

541-682-4889