CITY *of* **TUALATIN**

Sidewalk Maintenance Program "Backlog" Review

Agenda

- Program History *(recap from 8/28/24 Council Meeting)*
- Sidewalk Assessment *(recap from 1/27/25 Council meeting)*
- Sidewalk Maintenance Program Backlog
- Proposed Backlog Project
- Next Steps
- Feedback/ Discussion

CITY *of* TUALATIN

Why are we here?

- **Sidewalks have an average lifespan of 25-50 years**
  - Tualatin's growth since 1970 means the sidewalk system is reaching end of life

- **Street trees have an average lifespan of 20 years**
  - Street trees are a major cause of sidewalk hazards

- **Sidewalks and street trees are the responsibility of the property owner**
  - Many property owners are not addressing maintenance
  - Repairs can be expensive

- **Current program/ funding is falling behind**
  - Sidewalk Maintenance Program has limited funding and scope
  - From 3-year cycle to 9-year cycle

CITY *of* TUALATIN

Current Sidewalk Maintenance Program

- **Purpose -** To repair residential sidewalks that have been damaged by street trees

  - Annual Budget - $150,000 (addresses 10-15% of defects/yr)

  - Criteria – Sidewalk damage caused by street tree roots
    - Lifts over ¼ inch (ADA)
    - Street tree caused only
    - Not in a driveway

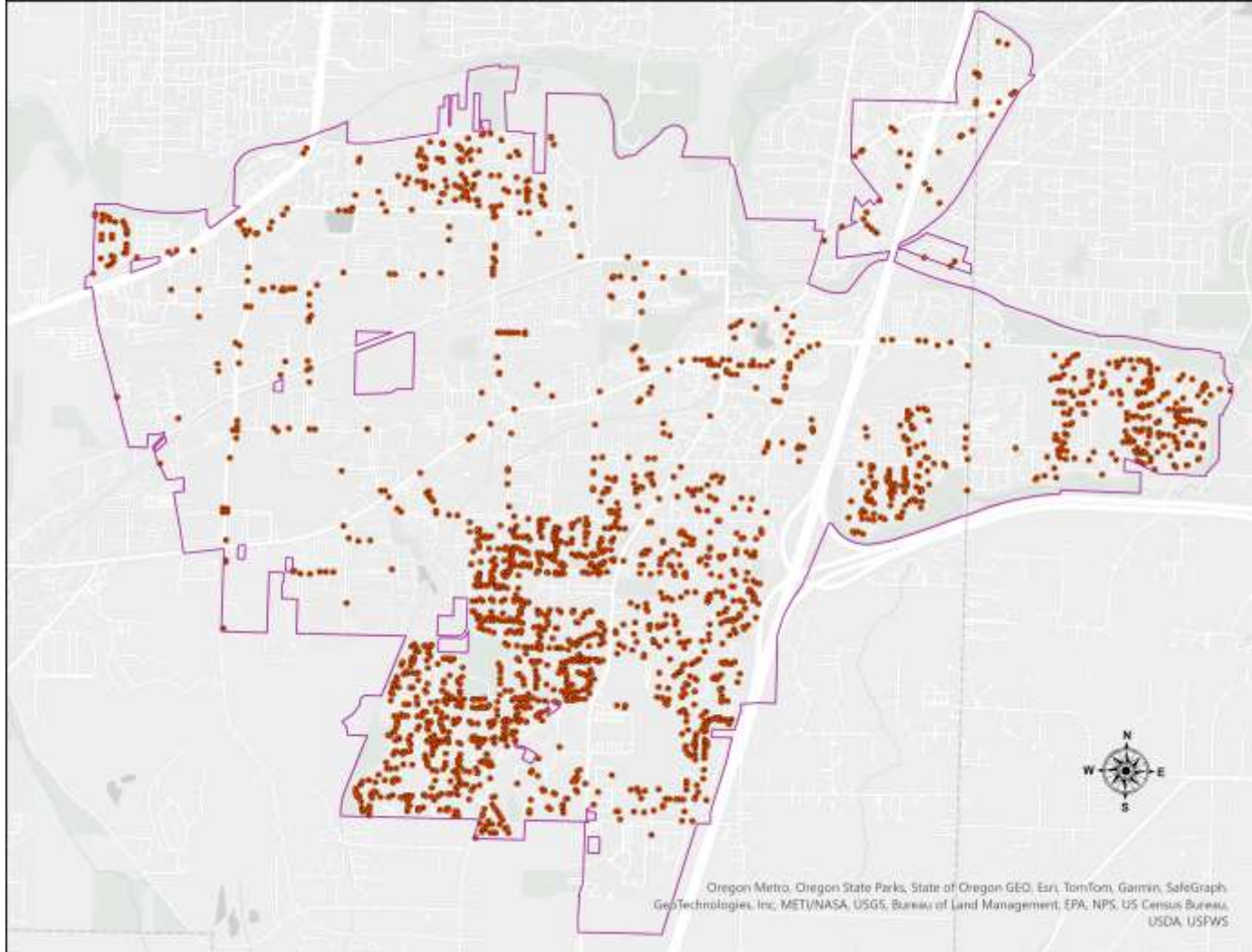 - The current program has increased to a 9-year cycle

CITY *of* TUALATIN

Citywide Assessment

- Citywide assessment (summer 2024) to understand current state of sidewalk network

- Data collection included:
  - Documenting every ADA concern
  - Photographing of curb ramps
  - Marking trip hazards with white paint

- **Goal:** Understanding total network condition and help guide decisions on future program changes

CITY *of*
TUALATIN

City-Wide Assessment
Summary 2024

- 2,094 recorded defects in the sidewalk system

- Most defects are in residential areas

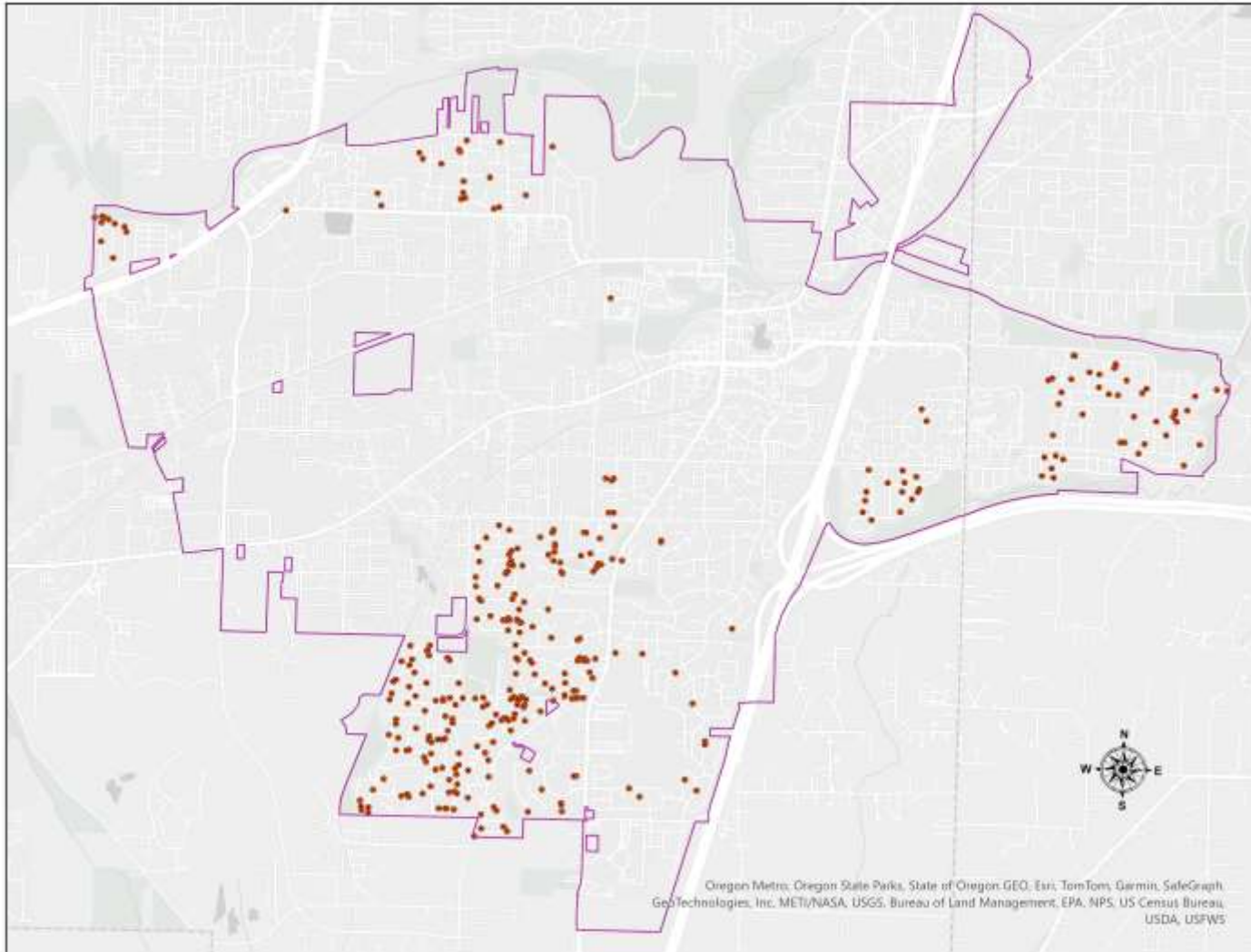- Majority of defects are not caused by street trees

CITY of
TUALATIN

City-Wide Assessment
Summary 2024

- Backlog of 327 defects **qualified** for Sidewalk Maintenance Program

- Program is not as far behind as we thought

CITY of TUALATIN

Approaching the Work

1. Update street tree list and root barrier solutions to reduce future impacts

2. Slightly alter the Sidewalk Maintenance Program:
   - Replacement of panels only, no grind work
   - Use low-emissions concrete *(CAP action 7.3.1)*

3. Utilize one-time City funds to "catch-up" on the backlog over two years before changing program

CITY of TUALATIN

Repair Costs

Panel Cost = $705/per panel

Tree Cost = $1,500/per tree to remove and replant

Root Barrier = $250/per tree

Sidewalk Grinding = $77/per joint

Cost estimates include:

- General contractor expense to manage project

- Low emission concrete

- Addition of root barriers

CITY *of* TUALATIN

Backlog Overview

# Trees Replaced	337
% of trees	3.0%
# Defects repaired	327
% of defects	16%
Cost	**$1,200,000**

CITY of TUALATIN

Funding

Total Funding Request: $1,200,000

Funding Sources

- Current program funding
- ARPA
- Road Utility Fund
- General Fund

CITY *of* TUALATIN

Next Steps

2025

Winter 2025
Council for
Contractor Selection

Fall 2025
Council backlog
proposal

Winter 2025
Street
Tree List

2026

Summer 2026
1st Round
Sidewalks

Fall 2026
1st Round
Tree Planting

2027

Spring 2027
Council mid-point
check-in

Fall 2027
2nd Round
Tree Planting

Summer 2027
2nd Round
Sidewalks

**Transition to
new program**

CITY of
TUALATIN