Purpose

Review Tree Canopy

Strategic Plan:

• Process
• Goals
• Strategies
• Timeline
• Early Outcomes
Overview

- Strategic plan adopted January 15, 2019
  - Upcoming policy amendments
  - Future tree code evaluation
Looking back

- 2017 Parks, Arts, Recreation, Culture & Conservation (PARCC) Plan
  - Interdepartmental Team of Subject Matter Experts
  - 18-month process to develop goals/strategies and get community feedback
City Strategic Priority

- Clean & Green
- Environmental Investments
- Paris Climate Agreement
- Climate Action Plan
- Parks, Arts, Recreation, Culture and Conservation Plan
- Watershed Management Plan
- Green Redmond 20-Year Forest Management Plan
Canopy Cover as a Method to Achieve City Goals

**AIR**
- Generates oxygen
- Absorbs carbon

**LAND/QUALITY OF LIFE**
- Preserves land
- Maintains high quality of visual environment

**HABITAT**
- Provides shelter for wildlife, shade for fish
- Offers food for bees, birds, & other animals

**WATER**
- Protects streams and water bodies
- Improves ground water supply

**SOIL**
- Protects steep slopes
- Creates new soil
Process

Data

Community

City Team
Community Involvement

- Outreach
  - So Bazaar
  - Redmond Lights
  - OneRedmond
  - King County
  - Peer Cities
- Online Questionnaire
- Online Open House
The Tree Canopy poll from Sept 2017 tells us that...

- 68% feel that more needs to be done to protect and plant trees
- 51% would be willing to plant new trees on their property
- 65% support an increase in the City’s budget for tree planting and maintenance on public property
- 50% would volunteer to plant and maintain trees on public property
- 83% think the City should designate land to plant trees in areas where more trees are desired
Data

2017 Canopy Cover
- 38.1% Tree canopy
- 34.1% Structures/Roads
- 27.8% Opportunity

Contiguous City
- 33.3% Canopy
  - Excludes Watershed, Farrel-McWhirter, Juel, Perrigo Annex, Martin parks
Methodology

LIDAR
- Light detection and ranging
- Vegetation greater than 10’
- 8-year intervals

Aerial Photography
- Separate vegetated from non-vegetated
- 2-year intervals
Canopy Goal

• 40% Canopy Goal
  • ~200+ acre increase
• 30-year timeframe
<table>
<thead>
<tr>
<th>Strategy</th>
<th>Cost</th>
<th>Opportunity</th>
<th>Canopy Impact</th>
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<tbody>
<tr>
<td>Educate</td>
<td>$</td>
<td>High</td>
<td>Moderate</td>
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<tr>
<td>City Led Planting</td>
<td>$$$</td>
<td>Moderate</td>
<td>High</td>
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<tr>
<td>Private Planting Incentives</td>
<td>$</td>
<td>High</td>
<td>Low-Moderate</td>
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<tr>
<td>Regulations</td>
<td>$</td>
<td>Low</td>
<td>Moderate</td>
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<tr>
<td>Volunteers &amp; Partnerships</td>
<td>$</td>
<td>Moderate</td>
<td>Low to Moderate</td>
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<tr>
<td>Acquisition (Opportunity Sites)</td>
<td>$$$</td>
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<td>High</td>
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<tr>
<td>Data Analysis</td>
<td>$</td>
<td>Moderate</td>
<td>Moderate</td>
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</table>
Six-Year Implementation Strategies

- Educate
- Planting on Public Property
- Private Planting Incentives
- Review Regulations
Long-Term Implementation

0-10 Years
- Refine data
- Launch new initiatives
- Educate Stakeholders
- Achieve No Net Loss

10 - 20 Years
- Increase Canopy beyond baseline
- Public & Private Planting Efforts

20 - 30 Years
- Continue Mix of Strategies
- Achieve Goal
- Maintain Forest Health
Progress to date

- Outreach & Education
- City-led Planting
- Volunteer & Partnerships
Next Steps

• Comprehensive Plan Amendments
• Tree Code Evaluation
• On-going Budget Offers (2021-2022)
Thank you. Any Questions?

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