

City of Redmond



Agenda

Monday, November 1, 2021

4:30 PM

Special Meeting Notice and Agenda

**City Hall: 15670 NE 85th Street; Remote: Facebook (@CityofRedmond),
Redmond.gov/rctlive, Comcast Ch. 21, Ziply Ch. 34, or 510-335-7371**

Committee of the Whole - Parks and Human Services

Committee Members

Jessica Forsythe, Presiding Officer

Jeraloe Anderson

David Carson

Steve Fields

Varisha Khan

Vanessa Kritzer

Tanika Kumar Padhye

AGENDA

1. Human Services Strategic Plan Update [CM 21-535](#)
Department: Planning and Community Development, 10 minutes
Requested Action: Information Only
2. Parks, Arts, Recreation, Culture, Conservation (PARCC) Plan Update [CM 21-578](#)
[Attachment A: PARCC Plan Fall 2021 Update](#)
[Attachment B: Cricket in Redmond White Paper 2020](#)
Department: Parks and Recreation, 10 minutes
Requested Action: Consent, November 16th
3. Tree Canopy Strategic Plan 2021 Update [CM 21-579](#)
[Attachment A: 2021 Tree Canopy Update](#)
[Attachment B: 2019 Tree Canopy Strategic Plan](#)
[Attachment C: 2019 Canopy Map](#)
Department: Parks and Recreation, 10 minutes
Requested Action: Information Only
4. Redmond Senior & Community Center Funding Plan and Ordinance [CM 21-588](#)
[Attachment A: Community and Stakeholder Outreach and Involvement](#)
[Attachment B: Council Review Previous Contacts](#)
[Attachment C: Presentation](#)
[Attachment D: Ordinance Option 1](#)
[Attachment E: Ordinance Option 2](#)
[Attachment F: Summary of 2021-2022 Budget Adjustments Redmond Senior & Community Center](#)
Department: Parks and Recreation/Finance, 30 minutes
Requested Action: New Business, November 1st
5. Review Revised Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission on the Interim Official Control (IOC) Ordinance No. 3059 [CM 21-590](#)
[Attachment A: Revised Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission](#)
Department: Planning and Community Development, 15 minutes
Requested Action: Consent, November 1st



Memorandum

Date: 11/1/2021

Meeting of: Committee of the Whole - Parks and Human Services

File No. CM 21-535

Type: Committee Memo

TO: Committee of the Whole - Parks and Human Services

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Planning and Community Development	Carol Helland	425-556-2107
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DEPARTMENT STAFF:

Planning and Community Development	Brooke Buckingham	Human Services Manager
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TITLE:

Human Services Strategic Plan Update

OVERVIEW STATEMENT:

Staff will present a brief overview of community involvement activities that are part of the Human Services Strategic Plan update with a snapshot of emerging themes to date. The consultant and staff will present a more detailed analysis of key findings resulting from community engagement efforts at the December 7, 2021, Council Business Meeting.

☐ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☒ **Receive Information**

☐ **Provide Direction**

☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Human Services Element of the Comprehensive Plan, Human Services Strategic Plan.
- **Required:**
N/A
- **Council Request:**
N/A
- **Other Key Facts:**
A contract was executed with Equitable Future LLC on July 1, 2021, for the development of a Human Services Strategic Plan. The Strategic Plan will be used to better understand community needs which will help the City prioritize its work and investments over the next five years. Further, the plan will help inform updates to the Human Services Element of the Comprehensive Plan.

OUTCOMES:

The project deliverables include:

- Community Engagement Plan (complete)
- Draft Existing Conditions and Needs Assessment (Late November)
- Draft Strategies Report (December - January)
- Draft Human Services Strategic Plan (January 2022)
- Final Human Services Strategic Plan (February 2022)

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
Focused engagement will occur September through October 2021 with additional opportunities to provide feedback on project deliverables.
- **Outreach Methods and Results:**
Primary methods include stakeholder interviews, focus groups, and questionnaires including in-person surveying targeted to underrepresented groups in our community.
- **Feedback Summary:**
Pending

BUDGET IMPACT:

Total Cost:
\$39,952

Approved in current biennial budget: ☒ Yes ☐ No ☐ N/A

Budget Offer Number:
000248

Budget Priority:
Vibrant and Connected

Other budget impacts or additional costs: ☐ Yes ☒ No ☐ N/A

If yes, explain:
N/A

Funding source(s):
General Fund

Budget/Funding Constraints:
N/A

☐ **Additional budget details attached**

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
9/7/2021	Committee of the Whole - Parks and Human Services	Receive Information

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
12/7/2021	Business Meeting	Receive Information

Time Constraints:

Timely adoption of the plan will inform updates to the Human Services Element in alignment with the Redmond 2050 schedule and will assist the Human Services Commission in their considerations when they launch the 2023-2024 Human Services Fund application process next spring.

ANTICIPATED RESULT IF NOT APPROVED:

Staff is not seeking approval at this time. This is an informational item.

ATTACHMENTS:

Presentation will be included in the 12/7/21 Business Meeting materials.



Memorandum

Date: 11/1/2021

Meeting of: Committee of the Whole - Parks and Human Services

File No. CM 21-578

Type: Committee Memo

TO: Committee of the Whole - Parks and Human Services

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Parks	Carrie Hite	425-556-2326
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DEPARTMENT STAFF:

Parks	Jeff Aken	Park Planning Manager
Parks	Caroline Chapman	Senior Park Planner

TITLE:

Parks, Arts, Recreation, Culture, Conservation (PARCC) Plan Update

OVERVIEW STATEMENT:

The PARCC Plan provides a strategic plan for the Parks and Recreation Department, fits into the Parks element in the Redmond 2050 Comprehensive Plan, and allows the City to pursue state grant funding through the Recreation and Conservation Office. This update will focus on consultant selection and recommendation, demonstration projects, Overlake, and University of Washington Studio. Staff intends to bring a standard consultant contract forward to the November 16, 2021 Business Meeting for City Council approval.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☒ **Receive Information**

☐ **Provide Direction**

☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
PARCC Plan, Redmond 2050, Washington State Growth Management Act.
- **Required:**
N/A
- **Council Request:**
N/A
- **Other Key Facts:**
The PARCC plan is updated every six years to remain in compliance with the Washington State Recreation and Conservation Office.

OUTCOMES:

Updating the PARCC plan ensures consistency with the City's comprehensive plan, captures emerging needs in the parks, trails, and community, and prioritizes those needs into a strategic plan to be used for the biennial budget process, yearly workplan, and staff priorities.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

Initial stakeholder outreach is underway, when the consultant is under contract, an expansive community outreach plan will be developed.

- **Timeline (previous or planned):**
Fall 2021-Spring 2022
- **Outreach Methods and Results:**
Specific plans for outreach have not been developed at this stage. It will engage all facets of the community in both City led efforts and joining people where they are to learn their park needs. Some of the methods that will be used:
 - Statistically valid survey
 - Stakeholder and focus groups
 - Let's Connect online platform
 - Boards and Commission briefings
 - Community events
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:

\$126,000 is budgeted for consultant help with the PARCC play update.

Approved in current biennial budget: ☒ **Yes** ☐ **No** ☐ **N/A**

Budget Offer Number:

00247 - Parks, Trails, and Open Space

Budget Priority:

Healthy and Sustainable

Other budget impacts or additional costs: ☒ **Yes** ☐ **No** ☐ **N/A**

If yes, explain:

Significant staff time will be part of this effort.

Funding source(s):

General Fund (one-time)

Budget/Funding Constraints:
N/A

☐ **Additional budget details attached**

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
7/6/2021	Committee of the Whole - Parks and Human Services	Receive Information

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
11/16/2021	Business Meeting	Approve

Time Constraints:

The current PARCC plan needs to be updated with the Washington State Recreation and Conservation Office by March of 2023. Staff is targeting City Council approval prior to this date.

ANTICIPATED RESULT IF NOT APPROVED:

Opportunities for grant funding through the Washington State Recreation and Conservation Office will not be available to the City.

ATTACHMENTS:

Attachment A: PARCC Plan Fall 2021 Update
Attachment B: Cricket in Redmond White Paper 2020

Parks, Arts, Recreation, Culture, Conservation (PARCC) Plan Update

Attachment A: Fall 2021 Summary

The PARCC plan provides a strategic plan for the parks and recreation department, it fits into the Parks element in Redmond 2050 and allows us to pursue state grant funding through the Recreation and Conservation Office (RCO).

Request for Proposals (RFP)

- Staff issued an RFP on September 27th, 2021 which closed on October 18th. We have received 3 proposals and will perform interviews on October 26th and will be prepared to bring a recommendation forward to Council for consideration. The consultant scope of work includes statistically valid survey, Level of Service (LOS) updates, mapping, drafting plan and policy language and community engagement.
- Staff wishes to bring a standard consultant contract forward on consent at the City Council's November 16, 2021 Business Meeting for approval.

Overlake Neighborhood Focus

- A key area of focus for the PARCC plan update will be how to provide services in the Overlake Neighborhood as it grows. Esterra Park will open in Fall of 2022, Seritage Park is planned for future development, but the levels of growth in both jobs and housing will necessitate more open spaces, children's play areas and community center space/performing arts space as we look to the future. Creative planning, partnerships, and a clear vision will be necessary to provide the expected parks and open spaces.

Emerging Uses/Activities:

- Staff has been looking for opportunities to meet growing demand for sports like cricket, lacrosse and pickleball. Cricket is proposed for future development of Juel Park, however, the development of this site is problematic. Recently, the City has been working with our regional neighbors on a possible regional initiative. Attached is a white paper that the City put together for understanding this potential regional initiative.
- The PARCC planning process will help to assess demand for these activities and others that the community is interested in pursuing in our Parks.

Demonstration Projects: Community Gardens and Off-Leash Dog Areas "pop-up dog parks"

- The current PARCC plan, community comments and the Parks & Trails Commission have all reflected the strong desire for off-leash dog areas in downtown Redmond. Staff have been working with a sub-committee of the Parks & Trails Commission to identify and assess feasibility of 1-2 sites for an off-leash dog area and 1-2 sites for community garden plots.

- A demonstration project would allow for a non-permanent testing of particular sites and community interest before committing to a permanent location for either an off-leash dog area or additional community garden plots.
- This project, while not in the current workplan or budget, does support the goals of the PARCC plan and would inform recommendations and policy considerations that could be included in that update, while being responsive to community needs.

East Redmond Corridor/University of Washington Landscape Architecture Studio

- The Parks Department is partnering with a University of Washington Landscape Architecture Studio to integrate the three goals of Redmond 2050---sustainability, resiliency, and equity into activating East Redmond Corridor parks and trails. There are currently three groups, taking on each of those topics and are developing a questionnaire that will complement PARCC Plan outreach on how people would like to use those spaces for health, wellness, biodiversity, and climate change adaptation. The students will present to the Parks & Trails Commission on November 4th to gather additional feedback as they develop concepts.

Introduction:

Cricket is the world's second-largest sport, with over 2.5 Billion followers across the globe.¹ The Puget Sound region is one of the largest cricket markets along the West Coast and in the United States. The Cricket Academy of Puget Sound has approximately 200 youth, 450 adults, and over 2000 recreational cricketers in the Puget Sound.²

In the 2016 PARCC (Parks, Arts, Recreation, Culture and Conservation) plan community engagement, when asked if building new sports fields was a priority, 26% of those interested in prioritizing new fields were in favor of cricket sports fields. Redmond's recent growth has resulted in the community becoming increasingly diverse. This demographic directly influences changes in the types of needs for recreation programming, such as cricket.

The Redmond Parks and Recreation Department has received multiple requests, reaching back to at least 2004, to provide opportunities for cricket. The City's PARCC plan, adopted in 2017, includes 13 references to cricket with a goal to provide "fields flexible enough to support a wide variety of sports such as lacrosse and cricket..."

Cricket in Redmond

Redmond does not currently have dedicated Cricket fields or any permanent cricket pitches. We allow a modified version of cricket to take place on our turf sports fields. Without a permanent pitch installed on these fields, user groups must move the pitch to various locations to limit wear and tear on the turf. Cricket in Redmond mostly takes place on soccer and baseball fields at Grass Lawn Park, Perrigo Park, and occasionally on fields at Hartman Park.

Redmond Parks & Recreation does not currently provide any recreation programming related to Cricket but is considering contracting with local youth Cricket groups to provide classes and camps for the community. Community groups have expressed interest in expanding cricket opportunities. Major League Cricket Academy of Seattle, for example, has a goal to have a facility for Minor League Cricket in the Redmond area. This facility would allow youth to advance their skills and generate local exposure and enthusiasm for the sport.

Cricket around the Region³

The City of Bellevue accommodates cricket at North Robinwood park. Between 2013-2017, cricket was available on a limited basis. In 2018, an undersized field was upgraded to be used exclusively for cricket. While the field is still undersized, it continues to be heavily scheduled.

¹ [The Most Popular Sports In The World - WorldAtlas](#) accessed on February 18, 2021.

² [About Us - Cricket Academy of Puget Sound \(capsyouth.org\)](#)

³ Correspondence through the Eastside Park Planners group email sent November 19, 2020.

Reflecting the City's diversity, cricket in Bellevue has continued to grow and the city is looking at additional sites, including one in the SW portion of Marymoor Park.

King County Parks (Marymoor) has one formal cricket pitch and youth markings on two synthetic soccer fields. These are generally booked to capacity during the spring-summer season.

The City of Kirkland does not currently have any cricket fields and has not received inquiries to date. The need will be evaluated as part of the City's PROS (Parks, Recreation and Open Space) plan updates in 2021.

Microsoft Expansion (Redmond Campus) will have one athletic sized (non-regulation) cricket pitch installed as part of the Microsoft Campus refresh project that is currently underway. Use of the fields is for MS employees and additional uses, if any, have not been decided at this point.

The City of Renton offers cricket at Ron Regis park. The City worked with the American Cricket Club to upgrade the pitch to the desired specifications and it is used all day Saturday and Sunday, between mid-March through November.

The City of Sammamish has one cricket pitch at Klahanie Park that is slightly undersized, and one practice cricket pitch. The pitch is constructed between two existing soccer fields and both must be rented at once for cricket. Nearly 60% of the reservation times at the two fields was for cricket. To help reduce scheduling conflicts, the City's crew installed an 11 feet wide x 110 feet long practice cricket pitch to the west of the existing cricket field in April 2019.

The Sammamish Cricket Club purchased a portable netting structure to enclose the pitch during practice. In doing this, they were able to open up more reservation times during the week for both soccer fields. The Sammamish Cricket Club has been growing over the past few years. The City of Sammamish is currently completing a master plan for Klahanie Park and one of the requests from the cricket group is to expand the field space at Klahanie in order to allow for a full-size cricket field.

The City of Woodinville does not currently have space for cricket and has not received community requests.

Field Dimensions/Needs

Certified Cricket Grounds for USA Cricket and Minor League Cricket require the following elements:

- A natural pitch that is flat, can grow grass, and drains well. Preferred composition is 26% sand, 33% silt, 41% clay, and the remaining gravel. This should be rolled into a compact ground.
- The field should be level with grass less than one inch in height so the ball can travel without resistance.
- A youth ground (under 15) is 250-300 ft in diameter, and an adult ground is 450-500 ft in diameter.
- An adult field would require approximately 3.7 acres of field (by comparison, a soccer field is approximately 1.7 acres) and a youth field about 1.3 acres.

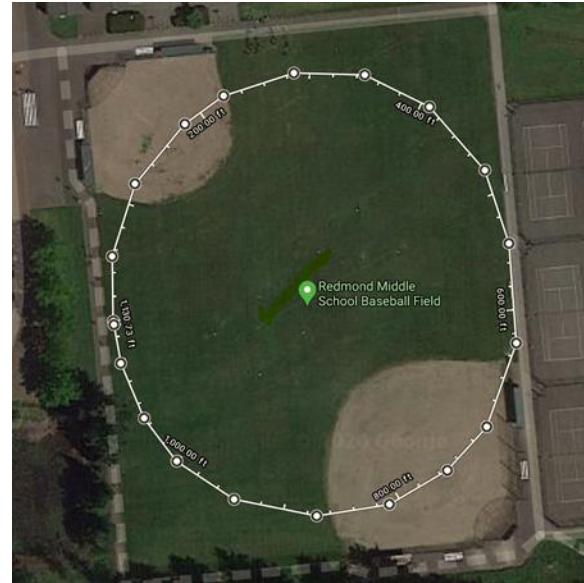
Additional storage space is required for yard maintenance equipment and accessories. A portable pitch is an additional possibility but would require on-site storage.

Interim Facilities in Redmond

In addition to finding permanent places for cricket, the City of Redmond has also looked for interim opportunities. Juel Park is identified as a potential interim location. There are challenges given the current nature of the park. Juel Park lies in King County, outside the Urban Growth Area, so the City is unable to extend sewer to the park for permanent restrooms and would need to permit through the County. Additional requirements include relocating the disc golf and potentially the garden plots, possible parking improvements, stormwater management, drainage for an interim field to be playable, and servicing portable restrooms. In addition, there is no potable water on-site. Major League Cricket Academy of Seattle has expressed interest in two fields at Juel park, but initial evaluation shows this most likely will not be feasible given setbacks from Bear creek and wetlands on the eastern portion of the 38-acre park.

Figure 1

The City of Redmond has assisted Major League Cricket - Seattle in seeking a partnership with the Lake Washington School District (LWSD) to provide youth cricket at Redmond Middle School. The Figure 1 graphic shows a youth field overlayed on the existing baseball/softball fields. Major League Cricket - Seattle intends to install a cricket pitch at the Redmond Middle School site in the spring of 2021 that will be suitable for youth up to age 15., = This will help address the shortage of youth cricket fields but will impacts other types of field use.



Potential Future Facilities

The City's Parks, Arts, Recreation, Culture and Conversation (PARCC) Plan, adopted in 2017, includes 13 references to cricket.

Currently Cricket is proposed for the open field at Juel Park, but it could also be included at another sports field, with appropriate dimensions. It should be noted, that in current configurations, there are very limited opportunities to fit a full-size field in an existing park.

The Juel Park Master Plan includes a multi-use sports meadow that would accommodate Cricket (see Figure 2.). This is currently a long-range project and no funding has been identified to design and build the park. As envisioned, this would provide the opportunity for recreational cricket in Redmond but is not targeted at tournament play.



Figure 2

Other potential opportunities include pursuing a regional strategy with other jurisdictions on the Eastside to provide Cricket opportunities. This regional strategy could include exploration of sites, capital construction, and maintenance and operations for numerous cricket clubs in the region. This could function similarly to the Regional Aquatics planning that is underway. Lastly, another option is to explore a potential partnership with Microsoft for use of the pitch they are building as part of the campus refresh in Overlake.

User Groups

In accordance with the City's Facility-Use policy, the City of Redmond prioritizes City programs and youth or adult recreation use that is open to all, over competitive/select use. This means that City programs and use of the facility for general recreation services are top priority before rentals are considered.



Memorandum

Date: 11/1/2021

Meeting of: Committee of the Whole - Parks and Human Services

File No. CM 21-579

Type: Committee Memo

TO: Committee of the Whole - Parks and Human Services

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Parks	Carrie Hite	425-556-2326
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DEPARTMENT STAFF:

Parks	Jeff Aken	Park Planning Manager
Parks	Dave Tuckek	Park Operations & Maintenance Manager
Executive	Jenny Lybeck	Environmental Sustainability Program Manager
Planning and Community Development	Cathy Beam	Principal Planner
Public Works	Tom Hardy	Senior Planner

TITLE:

Tree Canopy Strategic Plan 2021 Update

OVERVIEW STATEMENT:

Provide the Parks & Human Services Committee of the Whole an update regarding activities related to the implementation of the Tree Canopy Strategic Plan.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☒ **Receive Information**

☐ **Provide Direction**

☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Redmond Comprehensive Plan, Community Strategic Plan, Tree Canopy Strategic Plan, Environmental Sustainability Action Plan.
- **Required:**
N/A
- **Council Request:**
N/A

- **Other Key Facts:**

When the Tree Canopy Strategic Plan was adopted, staff committed to annual updates on the implementation of the plan.

OUTCOMES:

The Tree Canopy Strategic Plan was adopted on January 15, 2019 and set a goal of 40% canopy coverage for Redmond over a thirty-year time horizon (2049). This will represent a net 200-plus acre increase in canopy that will be accomplished both on public lands and by engaging the community to plant trees on private property. Approximately half of the opportunities to increase canopy currently exists on private property.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**

N/A

- **Outreach Methods and Results:**

N/A

- **Feedback Summary:**

N/A

BUDGET IMPACT:

Total Cost:

\$150,000

Approved in current biennial budget:

☒ **Yes**

☐ **No**

☐ **N/A**

Budget Offer Number:

000220 - Environmental Sustainability

Budget Priority:

Healthy and Sustainable

Other budget impacts or additional costs:

☒ **Yes**

☐ **No**

☐ **N/A**

If yes, explain:

Tree Canopy planting, maintenance and removal are also part of Parks and Public Works workplans.

Funding source(s):

General Fund/CIP

Budget/Funding Constraints:

N/A

☐ **Additional budget details attached**

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
N/A	Item has not been presented to Council	N/A

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
N/A	None proposed at this time	N/A

Time Constraints:

N/A

ANTICIPATED RESULT IF NOT APPROVED:

N/A

ATTACHMENTS:

Attachment A: 2021 Tree Canopy Update
Attachment B: 2019 Tree Canopy Strategic Plan
Attachment C: 2019 Canopy Map

Tree Canopy Strategic Plan Update

Attachment A: 2021 Progress to Date

The Tree Canopy Strategic Plan (TCSP) includes seven strategies to increase canopy with appropriate tactics called out for each. Below is summary of progress to date by each strategy.

Strategy A: Education and Awareness of the strategic plan.

- The tree canopy [webpage](#) has been updated to include information on suggested trees, tree selection, planting tips, care, and watering along with volunteer opportunities.
- Updates to the Redmond Comprehensive Plan, describing the 40% canopy goal, timeline, and key strategies were adopted by City Council on November 17, 2020.

Strategy B: Increase City Led Planting.

- The 2021-22 budget included \$150,000 for Carbon Footprint Reduction/Tree Canopy Expansion in the biennium. To date, 1.71 acres have been cleared in the Monticello watershed with 1.21 acres planted (540 trees) in the spring of 2021. The remaining .5 acre will be planted in fall/winter 2021-22. Additional plantings are being considered on park properties.
- In 2021, Public Works has planted 150 trees at Keller/Bear Creek using stormwater funds and over 100 trees will be planted at Smith Woods through Parks/Stormwater funds.
- In 2020, the following number of trees were planted on City owned land.

○ Natural Resources planted	1,240
○ Parks	230
○ Forterra (Green Redmond Partnership)	509
○ Adopt-a-Stream Foundation	840
○ Total trees planted:	2,819

Strategy C: Increase Planting on Private Property.

- **City-led Planting:** Staff has conducted research on a variety of incentive programs to provide trees or discounts to purchase trees along with estimated costs to manage the program based on current models in use around the region. Opportunities are being evaluate to propose a program in the 2023-24 biennium.

Strategy D: Regulations

- **Regulations:** The City is updating RZC 21.72, Tree Protection and associated definitions in RZC 21.78, Definitions. The main goals of the update are to:
 - Provide clarity in the regulations where there are conflicts or areas the regulations don't address to ensure consistent implementation and predictability

- Ensure the proposed regulations are reflective of community values
- Align with the Community Strategic Plan so that regulations are complementary and don't conflict with the greater vision
- Maintain the City's tree canopy responsibly while supporting necessary growth and equitable opportunities for housing

The regulations are currently being reviewed by the Planning Commission, which has had two study sessions and will hold a public hearing on November 10, 2021. The Planning Commission will potentially make a recommendation to City Council on December 15, 2021.

Strategy F: Partnerships and Volunteers

- The Green Redmond Partnership planted nearly 2,000 plants and engaged 438 volunteers across 17 parks for a total of 1,264 hours of volunteer engagement. As noted above, they planted 509 trees in 6 parks in 2020.
- Earth Corps has also been a partner on planting and community engagement.

Strategy G: Data Analysis

- **Current Tree Canopy Coverage:** The most recent analysis in late 2020, shows that Redmond's 2019 tree canopy coverage is 37.9%, this includes parks within the incorporated City limits but not contiguous city limits. This represents a decrease of .2% or (24.7) acres from 2017. The changes in canopy cover occurred within the contiguous city boundary. The tree canopy coverage in the contiguous city boundary is 32.9%, down from 33.2 (24.7 acres). A canopy coverage map will be included in the Environmental Sustainability Dashboard.
- Staff updates tree canopy coverage on a 2-year basis in even years. The data is updated using aerial photographs that are captured in odd-years (2019) and the data is available in even years (2020). The next update would be in 2022.

REDMOND'S
**TREE
CANOPY**
STRATEGIC PLAN

JANUARY 15, 2019

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Acknowledgements

John Marchione, Mayor
Angela Birney, City Council President
David Carson, City Council Vice-President
Hank Margeson, City Council
Hank Myers, City Council
Tanika Padhye, City Council
Steve Fields, City Council
Jeralee Anderson, City Council

Parks and Trails Commissioners:

Heather Sheffer, Chair
Shelly Bowman, Vice-Chair
Joel Cherkis
Aaron Knopf
Gary Smith
Kerry Monterey
Gregg Gottgetreu
Shailee Jain
Susan Robertson

Project Team:

Jeff Aken
Karl Almgren
Cathy Beam
Nick Entinger
Tom Hardy
Carolyn Hope
Jeanne Justice
Teresa Kluver
Becky Range
David Shaw
Rachel Van Winkle
Maxine Whattam

Executive Summary

“Develop a cross-departmental strategic plan to increase tree canopy across the city that will include a canopy coverage goal, proposed timeline and methods for achieving the goal.”

-PR-57 Redmond Comprehensive Plan

This work began with the public engagement process of the 2017 Park, Arts, Recreation, Culture & Conservation (PARCC) Plan update, where the City learned that the community has a strong desire to retain Redmond’s distinctive green character and increase the number of trees throughout the city. Tree canopy is part of the City’s Environmental Investment Strategies. Tree canopy coverage refers to the amount of area in the city that is covered by tree foliage.

The purpose of this plan is to develop the goals, strategies, and an implementation plan to expand tree canopy throughout the City of Redmond on public and private lands.

Currently there are 4,062 acres of tree canopy Redmond. This equates to 38.1 percent of Redmond’s total area per measurements taken in 2017. Overall, tree canopy coverage is declining at a rate of 12 to 13 acres per year as vacant and underutilized parcels continue to develop or redevelop.

The proposed goal for the plan is to increase Redmond’s canopy coverage to **40 percent over a period of 30 years**. This goal was set after consulting with the public, Parks and Trails Commission and City Council and evaluating the benefits, time to realize the benefits, costs, and resources. Implementation of the goal will be broken into phases in ten-year increments. Each phase will take a multipronged approach but will have a strategic focus. First is to focus on education to achieve no net loss. Second will focus on strategies to increase canopy on public and private lands, and the last phase will focus on strategies to expand and maintain tree canopy to attain 40 percent coverage.

Education and awareness is an important way to increase community understanding of the diverse benefits trees bring to the community. This strategy

includes a breadth of tactics and topics that touch all members of the community. It is targeted and proactive in building and sustaining interest in planting and enhancing Redmond’s urban forests.

The City, which maintains parks, natural areas and riparian corridors can support increased tree canopy by using these spaces to restore and increase forest cover. These efforts bring multiple benefits from shading water for Kokanee Salmon to providing tree lined streets in our neighborhoods. These are lands the City currently manages. However, nearly half of the available lands identified as potential canopy opportunities exist on private land and the majority of that is single-family-residential sites. To reach the goals outlined in this plan a community driven model of increasing trees on public lands as well as private is essential.

The estimated cost to achieve the 40 percent tree canopy goal is approximately \$80,000 per acre. Over thirty years, costs are estimated at approximately \$600,000 to \$1,400,000 per year in 2018 dollars. To accomplish the vision set out in the plan, a variety of existing and new funding sources will be needed including capital improvement plan budgets, general fund, tree fund, stormwater utility fund, grants, and partnerships.

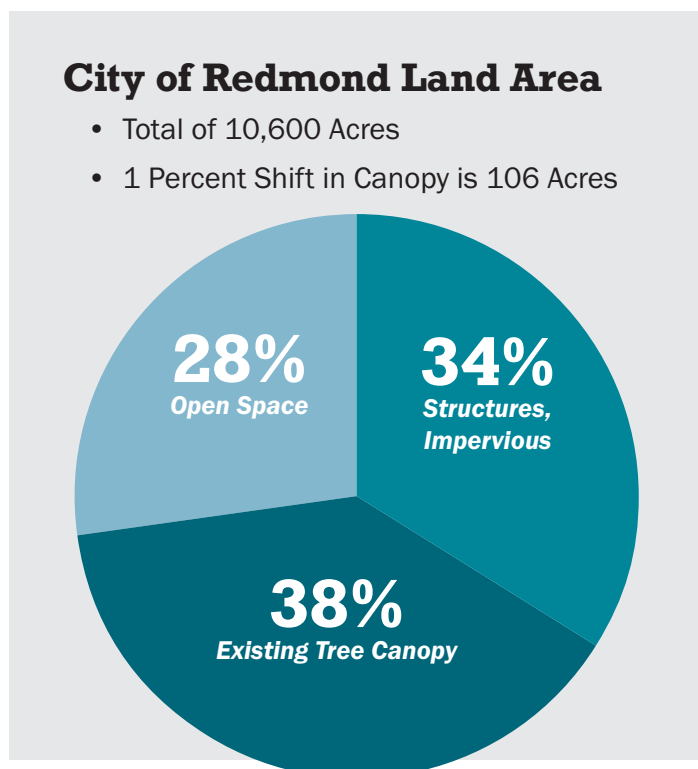
CHAPTER 1

Introduction

Tree canopy coverage refers to the amount of area that is covered by tree foliage in Redmond. Approximately 38 percent of the City is covered in trees. The purpose of this plan is to develop the goals, strategies, and an implementation plan to expand tree canopy throughout the city on public and private lands. This work began with the public engagement process of the 2017 Park, Arts, Recreation, Culture & Conservation (PARCC) Plan update, where the city learned that the community has a strong desire to retain Redmond's distinctive green character and increase the number of trees throughout the city. Increasing tree canopy will provide multiple environmental benefits including water, air and habitat improvements. To address the community's goals, the PARCC Plan recommended comprehensive policy PR-57 which states,

“Develop a cross-departmental strategic plan to increase tree canopy across the city that will include a canopy coverage goal, proposed timeline and methods for achieving the goal.”

Figure 1-1:



Currently there are 4,062 acres of tree canopy within Redmond. This equates to 38.1 percent of Redmond's total area per measurements taken in 2017. Overall, tree canopy coverage is declining at a rate of 12 to 13 acres per year as vacant and underutilized parcels continue to develop or redevelop.

Redmond's character and main attraction for many community members is its trees, wooded areas, and urban forests. The benefits of trees and urban forests include reduced stormwater runoff, improved water and air quality, attractive communities, increased property values, greenhouse gas reduction, habitat for native wildlife, and improved quality of life.

Why Focus on Increasing Redmond's Tree Canopy Now?

Redmond has seen a declining tree canopy due to:

- Urbanization
- Removal of trees and replacement with different species
- Delay between removing mature trees and the replacement trees maturing and adding to the tree canopy
- Invasive species
- Limited resources for natural area management and restoration

All the factors listed above contribute to the loss of Redmond's forest canopy in parks, natural areas and on private land. Compared with the region's historic native forest composition, Redmond has a larger percentage of deciduous tree coverage than conifers, which is not typical of a normal healthy Northwest forest. Native conifer regeneration is limited, as conifers do not regenerate as quickly as deciduous trees.



Public lands are properties owned by the City of Redmond or other governmental agencies within Redmond. Private lands are owned by private land owners and represent a wide range of property types such as residential, commercial, and industrial.

The removal of vegetation along many streams and wetlands early in Redmond's history resulted in a complete loss of native species cover. The loss of native vegetation along our waterways results in significant impacts on stream temperatures and water quality, loss of habitat, and erosion, negative influences on aquatic species, including several species of salmon.

Successes to Date

The City of Redmond is responsible for managing land that is publicly owned by the City, as well as regulating development on private properties. There are multiple conservation efforts occurring across the city that protect a significant percentage of our land mass. This happens through a variety of mechanisms including the overarching policy guidance of the City's Comprehensive Plan, functional plans prepared by different departments within the City, protective easements, and critical area policies and legislation. A brief description of the tools that guide management of natural resources on both public and private land follows.

- Redmond's Comprehensive Plan: The vision describes a beautiful and healthy natural environment, marked by well-thought out stewardship practices and environmental sustainability. Related policies are included in the following elements of the comprehensive plan:
 - » Natural Environment
 - » Parks, Arts, Recreation, Conservation & Culture
 - » Community Character and Historic Preservation
 - » Urban Centers
 - » Shoreline Master Program
- The City also has several planning documents that support the goals of the functional plan, specifically related to tree canopy management and growth:
 - » Watershed Management Plan (2013)
 - » Stormwater Comprehensive Plan (2006)
 - » Water Resources Strategic Plan (2015 to 2020) And 3-Year Action Plan (2015 to 2017)

- » Climate Action Plan
- » 20-Year Forest Management Plan (2009)
- » Parks, Arts, Recreation, Culture and Conservation Plan (2017)
- Redmond Zoning Code - RZC 21.72 Tree Protection
 - » Tree protection standards
 - » Tree removal and replacement regulations
 - » Fee in-lieu program
 - » Tree credits



Redmond Comprehensive Plan Vision:

"Redmond in 2030 has maintained a very green character. The city is framed within a beautiful natural setting, with open spaces and an abundance of trees continuing to define Redmond's physical appearance, including forested hillsides that flank the Sammamish Valley, Lake Sammamish and Bear Creek. An interconnected system of open spaces provides habitat for a variety of wildlife. Public access to shorelines has been enhanced while protecting the natural environment and property owners' rights."

CHAPTER 2

Goals

Canopy Cover & Timeline

The proposed goal for the plan is to increase Redmond's canopy coverage to 40 percent over a period of 30 years. More than 67 percent of on-line poll respondents supported a goal of 40 percent or higher. More than 81 percent of on-line poll respondents supported the goal being achieved in the 20 to 40-year timeline. This goal was set after consulting with the public, Parks and Trails Commission and City Council and evaluating the benefits, time to realize the benefits, costs, and resources

Phasing

Implementation of the goal will be broken into phases in ten-year increments. Each phase will take a multi-pronged approach but will have a strategic focus.

- Years 1 to 10 will focus on public education, improved data collection and achieving no net

loss.

- Years 11 to 20 will focus on strategies to increase canopy on public and private lands.
- Years 21 to 30 will focus on strategies to expand and maintain tree canopy to the ultimate goal set by the plan.

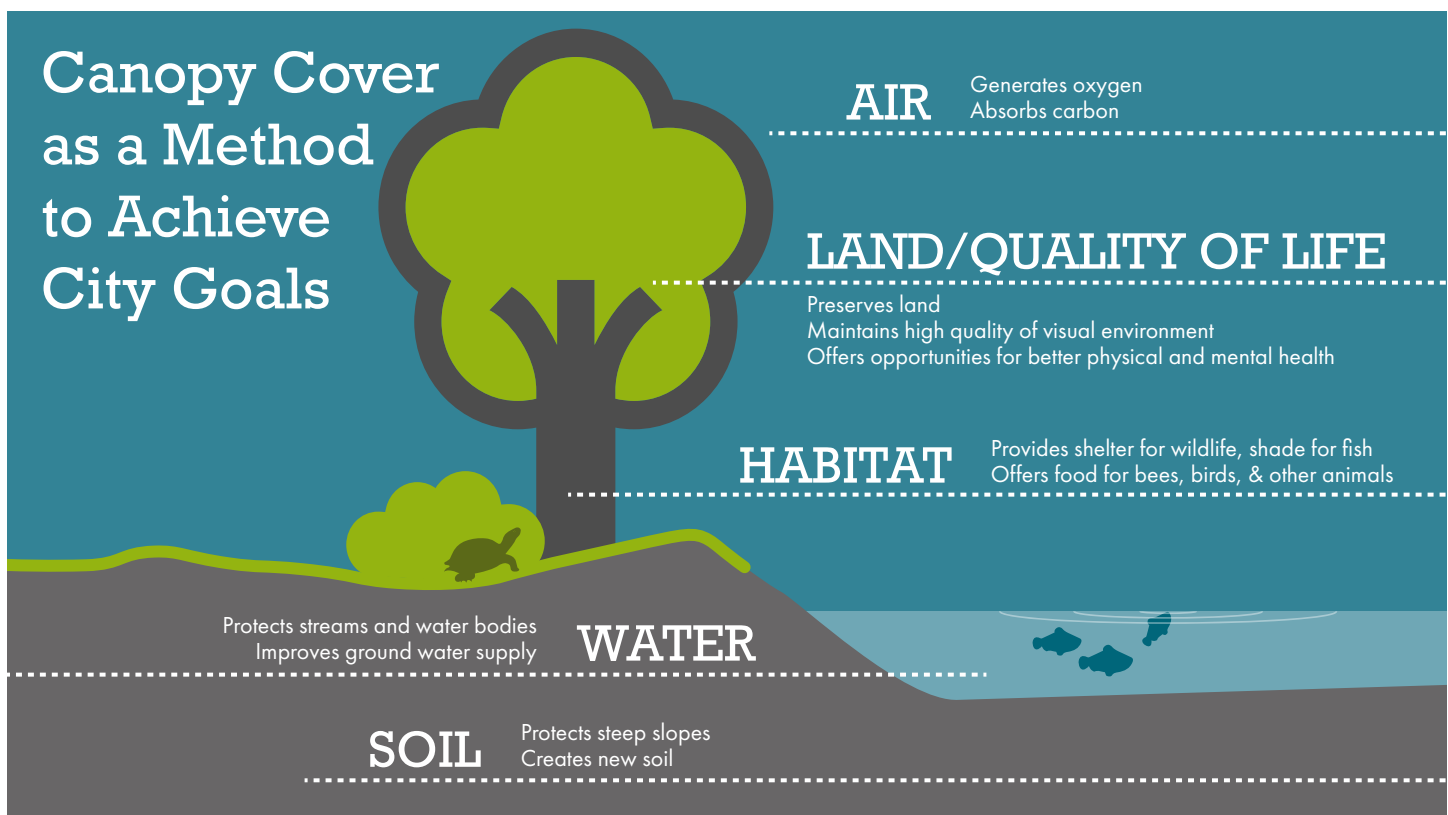
Priority Locations

Redmond has planned for growth and actively acquired open space properties over the past four decades to preserve the character of Redmond. However, many of the open space properties are at the edges of the city. The community is seeking strategies that keep and replace trees in all neighborhoods, with a specific emphasis on the neighborhoods within the city limits with the most development activity including Downtown, Overlake Village, Southeast Redmond, Bear Creek, North Redmond, and Sammamish Valley.

Stakeholders

The community supports tree planting on public and private lands. This includes encouraging education

Exhibit 2-1: Benefits of Trees

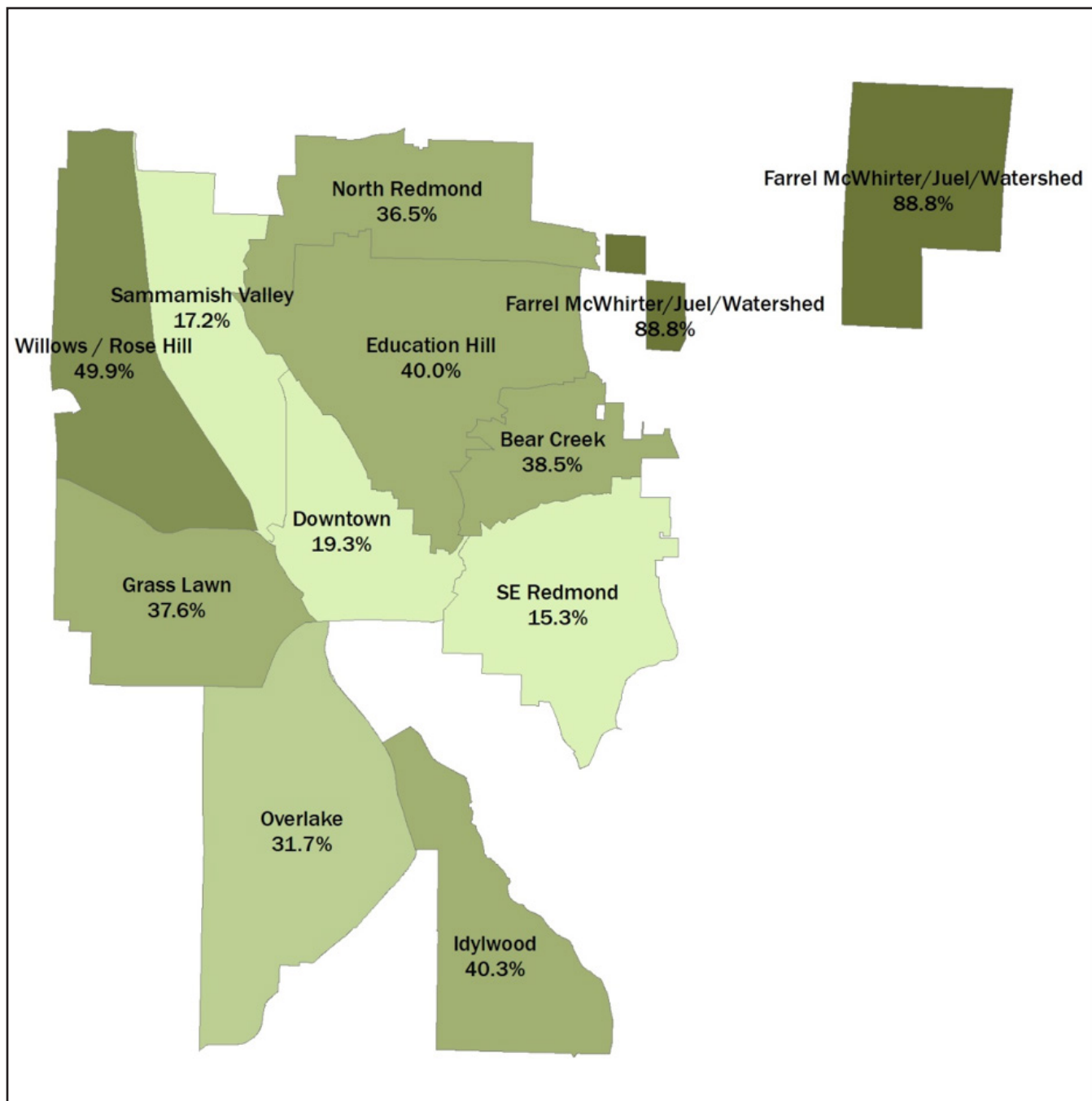


and incentives for private land owners, participating in planting events on public and private lands, planting on their own properties, and allowing developers to mitigate for trees in private and public lands.

Enhance the Environment

Another goal of the plan is to enhance tree canopy to achieve a variety of environmental benefits, including water and air quality, aesthetics and increased property values, combating climate change and improving wildlife habitat.

Exhibit 2-2: Current Tree Canopy Cover by Neighborhood



CHAPTER 3

Community Outreach

The City conducted a robust community outreach process to evaluate the tree canopy goal, strategies and timelines. The outreach methodology started with the 2015 to 2017 PARCC Plan outreach effort, which reached nearly 1,000 people, two online polls specific to the Tree Canopy Strategic Plan that had 475 responses, and outreach at community events that included over 250 touches. In addition, staff provided opportunities to discuss data and strategies with OneRedmond, the Parks and Trails Commission and City Council.

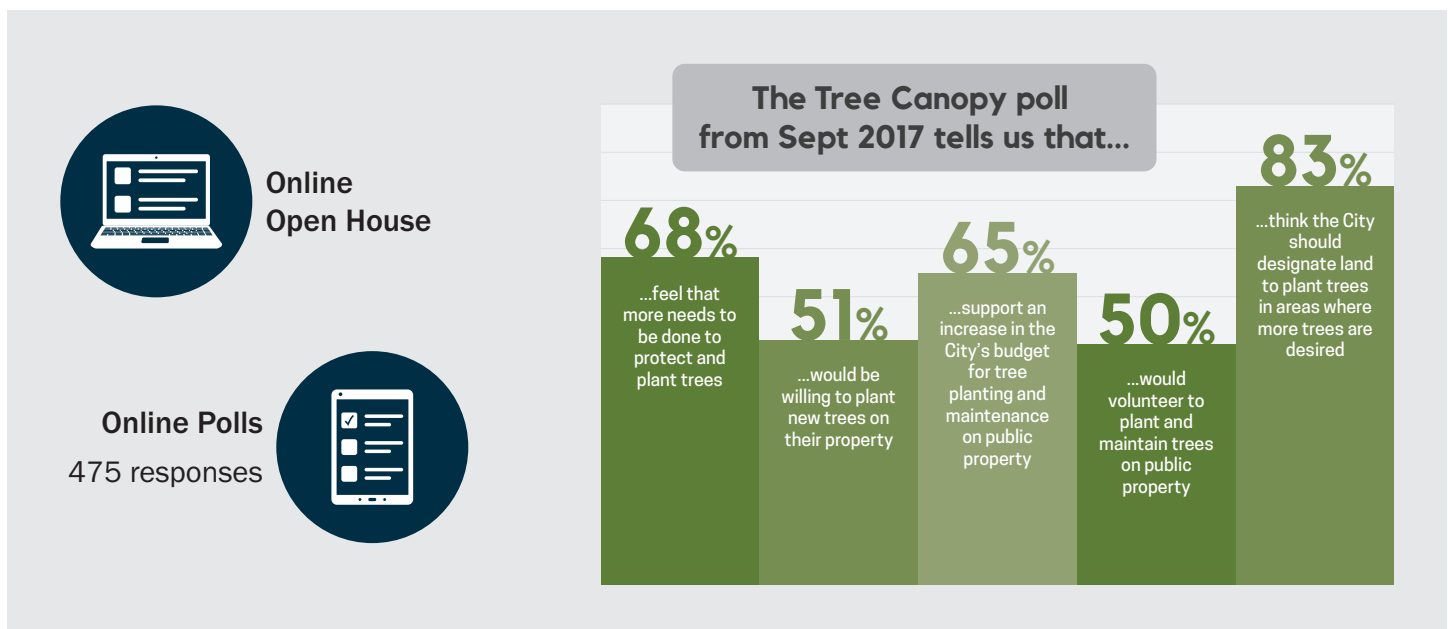
During the 2017 PARCC Plan outreach, City staff conducted several public meetings, hosted an on-line forum and comment opportunities, and the City conducted a statistically valid survey with over 800 respondents. In all the outreach efforts, a solid majority (over 60 percent of participants) said it is important to preserve more open space natural areas such as forested areas and wetlands. In the statistically valid survey, 72 percent of respondents said it is important that parks have a lot of trees.

Upon further conversation with community members about these results, staff learned that although the City has more than 1,300 acres of park land



and approximately 1,000 of which are open space natural areas; the community is feeling the loss of trees with the redevelopment of Downtown, Overlake Village, and North Redmond. During the Tree Canopy Strategic Plan outreach, staff evaluated these issues further. General informational outreach was conducted at annual community events “So Bazaar” and “Redmond Lights”, the City’s website, and several e-newsletters and Focus articles in 2017. Two online polls were conducted to gather more precise feedback from the community.

Exhibit 3-1: Community Engagement Touches



December 2017 Online Poll

The December 2017 online open house included a short video explaining the project and data gathered to date and linked viewers to a follow up on-line poll that focused on specific goals, strategies and timeline. This poll received 243 responses.

Strategies

Respondents ranked the tree canopy enhancement strategies as follows:

1. Increase City led tree planting and restoration efforts on public properties
2. Stronger regulations to protect and ensure trees are replanted
3. Incentives for voluntarily planting trees on private property
4. City acquisition of lands to plant or preserve tree canopy
5. Volunteering with community or neighborhood groups to plant trees

Respondents ranked the following education and incentive programs as follows:

1. Tree planting programs that would provide discounted trees to plant in your neighborhood or yard
2. A “Redmond Tree List” that indicates native and ornamental species appropriate for our climate
3. “Right tree in the right place” educational workshops/classes to learn how to successfully plant and maintain trees

Volunteer Priorities

1. Volunteer with existing groups to restore forested parkland
2. Plant trees on my property
3. Organize your neighborhood or HOA to plant trees

The community’s tree canopy goal priorities:

- 29 percent of respondents indicate a goal of 40 percent tree canopy cover

- 25 percent of respondents would like no net loss, maintaining 38 percent tree canopy cover
- 20 percent of respondents would like the goal to be 40 percent to 42 percent tree canopy cover
- 18 percent of respondents would like the goal to be more than 44 percent tree canopy cover
- Overall, 75 percent of respondents would like an increase in tree canopy. About 67 percent were comfortable with a goal of 40 percent or higher tree canopy cover.

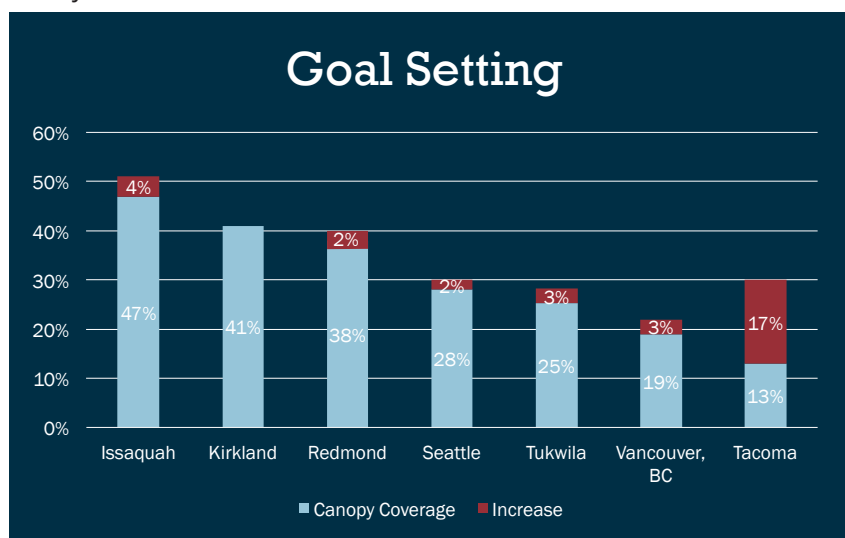
Preferred Time Horizon to Reach the Tree Canopy Goal

- 81 percent of respondents would like to reach the goal in 20 to 40 years

Tree Canopy Goal and Strategies

Every jurisdiction has different tree canopy goals and strategies based on their community values, topography and environmental conditions and development patterns and zoning. American Forests previously recommended a 40 percent canopy cover goal, but then adjusted the goal to be more site specific. The following exhibit shows the existing canopy cover and goals of our neighboring cities.

Based on extensive community outreach between 2015 and 2017 as well as Parks and Trails Commission and City Council feedback, the recommended tree canopy goal is 40 percent coverage in 30 years. This plan outlines the strategies the city will use to achieve those goals.



CHAPTER 4

Changing Landscape

Settled for over 10,000 years, the rich bottomland of the Sammamish Valley provided shelter and food for the Native Americans. The arrival of the European pioneers in the 1870s would lead to many changes to the landscape throughout the valley. The challenges of homesteading the land included clearing the towering trees, and the logging industry quickly arrived in the 1880s. The plentiful forests provided jobs throughout the entire region and contributed to the growth of the Puget Sound region. Lumber mills started operation in Redmond in approximately 1892 to meet the growing demand for shingles. The landscape of Redmond further changed with completion of the Chittenden Locks in 1916 as the Sammamish River and Lake Washington were lowered. This project provided shipping industries fast methods of moving goods and materials, but effectively drained bogs and wetlands throughout the valley, including what is today downtown Redmond. By the 1920s, the old growth forest had been harvested and the Redmond landscape shifted to agricultural based economy. The last lumber mill closed in late 1930 when a combination of fewer trees and less demand, because of the Depression, forced it to close.



Following decades of steady growth as a city on the outskirts of Seattle, the completion of the Evergreen Point Floating Bridge in 1963 contributed to the



expansion of the suburban development patterns throughout the eastside. Redmond grew from a city of 1,426 in 1960 to 11,020 by 1970, and more than doubled again by 1980. As the demand for housing continued to grow, areas of second growth forests were being repurposed into single-family homes.

Redmond's economy quickly became redefined with the arrival and development of high-tech industries. The increase of high-paying jobs, and the proximity to Seattle continued to drive the suburban expansion and continued clearing of parcels of land throughout the community for development. The recent transition from urban development to high-density mixed use in designated urban centers concentrate the demand, and will provide opportunities and challenges for tree canopy to be increased throughout the community.

CHAPTER 5

Value of Trees

Trees bring environmental and economic benefits to our community. These include Redmond's lush green hillsides, the natural beauty of Redmond, and many additional benefits. Tree canopy coverage is a metric that can quantify the amount of Redmond covered by trees and be used as a proxy to better understand many of the benefits detailed below. As the city continues to grow, trees and the benefits they provide will enhance the livability of all Redmond's neighborhoods.

Water Quality and Stream Flow

Surface water, both quality and quantity, is becoming increasingly important to carefully manage. It can be a major source of water pollution and peak flows can lead to urban flooding events. Tree canopy and restoration plantings can lessen the need for stormwater detention and improve the water quality entering Redmond's waterbodies. Runoff in urban areas often contains nitrogen, phosphorous and pet waste. Trees have been shown to filter phosphorus out of stormwater. A 50-foot strip of undisturbed forests along stream corridors has been shown to reduce nitrate concentrations while creating habitat and lowering stream temperature due to shading.



Air Quality

Trees affect air temperature, radiation absorption, wind speed and humidity, which can decrease pollution concentrations. Trees improve air quality by absorbing carbon dioxide, sulphur dioxide and other pollutants with big trees removing 60 to 70 times more pollution than a small tree.¹ Mature trees absorb 120 to 240 lbs. of particulate pollution each year.²

Habitat

Tree canopy provides shelter and food for a variety of birds and animals. Food sources related to trees include leaves, fruits and nuts. A mix of tree species of varying ages within the canopy creates diverse habitat for a wider variety of species. Tree canopy also provides shade that reduces air and water temperatures, benefiting fish and wildlife.

Climate

Urban tree canopy offers climate benefits by reducing atmospheric carbon in two ways, sequestering it through carbon dioxide and carbon storage in the biomass of the tree. Redmond's Climate Action Plan estimates that a single tree can absorb as much as 48 pounds of carbon dioxide per year. Trees also reduce the urban heat island effect by cooling air through shade and indirectly lowering daytime and nighttime temperatures through transpiration. Mature tree canopy can reduce air temperature by 5 to 10 degrees Fahrenheit.³



Community Benefits

Trees are one of the most important factors in influencing the perception of a community's aesthetic value. Historically the main benefits of urban trees and forests relate to health, aesthetic and recreational benefits in industrialized cities.⁴ Trees, densely planted, such as urban woodland areas, can be effective in reducing noise.³ 80 percent of the respondents to the tree canopy poll stated that trees define community character and improve aesthetics. The natural environment is consistently one of the most important items identified by the community and the City Council has identified environmental sustainability as a top initiative.

Economic Impact

Trees provide an economic boost to commercial districts. Research show businesses located on tree-lined streets experience 20 percent higher income streams over those located in other areas. Customers will also travel further and stay longer to visit a shopping district with high-quality trees. Visitors to well-treed central business districts will spend 9 to 12 percent more for products.⁵



Neighborhood and Homeowner Benefits

Research has shown that having trees on your street can increase property values by an average of \$8,870. Trees can also reduce energy consumption by 20 to 50 percent through shading buildings during the summer and blocking prevailing winds in the winter.⁶

Public Health

Trees have been shown to filter airborne pollutants and reduce conditions that cause asthma and other respiratory problems. One study showed that residents with the highest levels of greenery were three times as likely to be physically active and 40 percent less likely to be overweight or obese than residents living in the least green settings.⁷ Trees also have sensory affects by creating a visually relaxing environment. The Nature Conservancy (TNC) has equated trees to a public health mandate and argues that the planting and care of trees should be funded with the same urgency as work on health care and other infrastructure.⁸



Traffic Safety

Studies have shown that reduced lane widths and street trees can reduce the severity of car crashes.⁹ Trees along streets also help to break up buildings and create a sense of human scale to shopping districts and downtowns. Shading streets has also been shown to be correlated to better pavement durability and reduced maintenance.¹⁰



CHAPTER 6

Current Conditions & Methodology

Determining how much of the city land area is covered by tree canopy can be accomplished by two primary methods – an on the ground field inventory or through geographic information system (GIS) analysis of aerial photographs or light detection and ranging measurements (lidar). A ground field inventory is a process that includes physically measuring the tree canopy for each tree, determining the percentage of overlap in the tree canopy, and recording the location of each tree. The use of GIS provides an opportunity for staff to analyze two sets of data to determine the canopy based on aerial photography and lidar, eliminating the labor-intensive field inventory of measuring every tree in Redmond.

Aerial Photography

The use of aerial photography allows staff to easily track “green” the city is. Aerial photography is used in combination with lidar data; since, aerial photography is significantly less expensive than lidar it is much more economical to update the canopy coverage maps on a two-year basis. The new aerial photograph is analyzed for green vegetation and then an algorithm will highlight the difference between the new map and the existing tree canopy. Staff then manually reviews each change to ensure that the increased green vegetation is tree canopy. These updates have been conducted for 2015 and 2017. To increase the accuracy of tree canopy calculation, the aerial photography is reviewed with lidar.

Lidar

Lidar is a surveying method that measures distance to a target by illuminating the target with pulsed laser light and measuring the reflected pulses with a sensor. Differences in laser return times and wavelengths can then be used to make digital 3-D representations of the target. Lidar is a similar process as radar, however lidar measures distance with a laser for greater accuracy. This technology provides the ability to measure the height of objects whereas aerial photography can only capture color.

The use of these two data sets allows staff to combine the color of an image that appears to be a tree, with the height (more than ten-feet) to verify that the tree is a tree and not just a shrub.



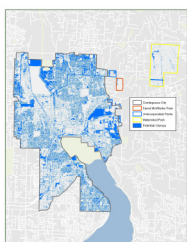
It typically takes five or more years of growth from the time of planting before new trees reach the 10-foot height to be captured in the tree canopy coverage analysis. Additionally, the aerial photograph update method only captures relatively large-scale changes to the tree canopy. Therefore, repeating the lidar survey (to identify trees, by measuring height) at approximately eight-year intervals would be useful to demonstrate change in canopy coverage. Due to the high cost of lidar surveys, it is recommended that the City join with King County or other jurisdictions to share costs. A lidar survey performed around 2021 would be ideal for updating the tree canopy coverage and setting a new baseline.

Current and Potential Conditions

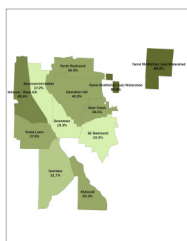
When comparing the results of the aerial photography and lidar as described in Chapter 5, the City of Redmond currently has 38.1 percent of tree canopy which is 4,062 acres of canopy out of 10,660 acres of land. The tree canopy is distributed differently throughout the community based on neighborhood characteristics such as urban or residential character. Some neighborhoods, like Downtown, currently have less than half the citywide target of 40percent due to the urban features supporting the high density-mixed use character.

The table below illustrates the current tree canopy per neighborhood compared to the potential additional tree canopy available. The potential additional tree canopy was determined by:

1. Comparing land uses that will support additional tree canopy;
2. The difficulty of planting such as buildings, roads, and sport fields; and
3. Includes incorporated areas like Watershed Preserve and Farrell McWhirter Park, as well as unincorporated areas such as Juel Park and portions of Perrigo Park. Lake Sammamish has been removed from the total area of the City for these calculations.



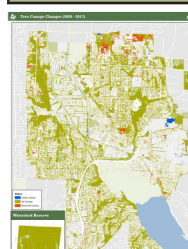
For a map of *Tree Canopy* with Neighborhood Outlines, see **Appendix A**.



For a map of *Tree Potential* with Neighborhood Outlines, see **Appendix B**.

Redmond that has lost approximately 20 acres of canopy or 8 percent since 2009. Sammamish Valley and Bear Creek are both slowly increasing canopy with Bear Creek adding 13 acres of canopy or 2.5 percent.

Year	Acreage of Tree Canopy	Difference
2009	4197	0
2013	4129	68
2015	4095	34
2017	4062	33
Total Loss	135 Acres	17 Acres/Yr



For a map of *Tree Canopy Changes* from 2009-2017, see **Appendix C**.

Rate of Loss

The loss of tree canopy occurs for many reasons including age, disease, safety issues and development. Understanding how much we are losing on average and why is important to consider when determining strategies, but also understanding the rate of loss will provide insight. The rate of loss was determined by the City through application of GIS comparing aerial photography between 2009, 2013, 2015, and 2017. Between 2009 and 2017, Redmond experienced a net loss of approximately 135 acres of canopy, the pace of decline occurred at a consistent rate of roughly 17 acres per year, with replanting, the net loss is approximately 12-13 acres per year. This results in a rate of loss of around 1 percent overall in most neighborhoods with the exception being North

CHAPTER 7

Strategies

Redmond strongly values its connection to the natural environment and the benefits urban forests bring to the community like clean water and air. A canopy coverage goal of 40 percent, which is approximately an additional 200 acres of canopy over 30 years, was established based on current conditions and input from the community. Achieving the goal by the year 2048 is realistic, achievable and able to provide a meaningful increase in the overall forest canopy.

To achieve the goal, a set of strategies were developed to maintain current canopy, educate and increase canopy through planting. The exact strategy mix will depend on site conditions, existing uses and future opportunities to protect or increase canopy. For example, most new housing growth is expected to occur in Overlake and Downtown, which will limit the overall canopy cover possible in these neighborhoods but also require that Redmond ensure green spaces and treed areas are easily accessible by those who live and work in these neighborhoods.

The strategies encompass education, planting, preservation, partnerships and regulation across the city. The strategies are outlined in detail below and the short-term, six-year implementation plan in Chapter 8 details which strategies and tactics will be developed and implemented between 2019 to 2024.

7.1 Educate

Education and awareness is an important way to increase community understanding of the diverse benefits trees bring to the community. This strategy includes a breadth of tactics and topics that touch all members of the community. It is targeted and proactive in building and sustaining interest in planting and enhancing Redmond's urban forests. The tree canopy goal of 40 percent is a 30-year effort so awareness and education will be an ongoing component that showcases the value of Redmond's urban forest canopy. Community input showed strong support for the goal and taking an active role in planting and stewarding the canopy vs a more regulatory approach.



The following tactics will have the potential to increase awareness.

- Calculating and sharing the value of trees for stormwater, heating/cooling, air quality, public health, economic development and climate.
- Developing a “right tree, right place” guide to tree species that are suited to Redmond's climate and that fit a variety of urban contexts in terms of size, shape and characteristics.
- Developing guidance on planting and tree care to ensure successful tree planting efforts that will grow healthy canopy. These materials could be included on the City website and included with incentive trees provided by the City.
- Coordinating a speaker series that engages the community on wide-ranging topics around urban forestry and trees in the city.
- Assessing canopy coverage numbers every two years with aerial photos and lidar every eight years of the current forest cover changes.
- Facilitating community planting events such as Green Redmond Day and Arbor Day activities.

Cost

Education and awareness efforts are primarily a low to moderate cost item (less than \$100,000). These efforts are often accomplished with existing staff but larger efforts may require contractor or expanded volunteer commitments.

Canopy Impact

These efforts result in minimal increases in canopy but form the basis for sustaining momentum and support for protecting and enhancing tree canopy in Redmond. Without these efforts there would be limited success in moving forward towards the goal.

7.2 Planting on Public Property

The City, which maintains parks, natural areas and riparian corridors can support increased tree canopy by using these spaces to restore and increase forest cover throughout the city. These efforts bring multiple benefits from shading water for Kokanee Salmon to providing tree lined streets in our neighborhoods. These are lands the City currently manages.

As part of this effort the City will evaluate the following initiatives to increase tree canopy.

- Continuing to restore at least two acres per year alongside stream and river corridors. These projects include vegetation and canopy cover depending on site, but provide similar benefits to trees. Restoration projects are planted on average at 250 trees per acre.
- Increasing canopy coverage on city parklands by replacing trees that have been removed and planting in open areas according to master plans. Over 140 acres are available in City parks to increase canopy coverage.
- Partner with the community to evaluate a memorial tree program that provides increased canopy within parks and open spaces.
- Ensure a variety of tree species and ages exist across city lands to create a more diverse and resilient system

Cost

Planning level costs range from \$35,000 to \$135,000 dollars. Key variables include level of site preparation, need for irrigation and planting density. Initial work will target the most feasible sites which are on the lower-end of the cost spectrum, but as the project moves forward it is expected costs will rise as site challenges need to be addressed.

Canopy Impact

High. These plantings will be overseen by staff and/or trained contractors with a species mix chosen to meet the goals of the project.

7.3 Increase Planting on Private Property

Enhance Canopy through Plantings on Private Lands

Private lands represent the largest single opportunity to increase canopy in the City of Redmond. Nearly half of the available lands identified as potential canopy opportunities exist on private land and the majority of that is single-family-residential sites. To reach the goals outlined in this plan a community driven model of increasing trees on public lands as well as private is essential. Potential programs and initiatives that will be considered to increase trees on private property through voluntary programs include the following.

- Developing a reduced-price tree program for property owners. This program could range from a free or reduced-price tree or a “tree-bate” coupon that property owners could use at local nurseries to select from a mix of trees that are suitable for our climate and the site to be planted. Trees will include educational materials on tree selection for the site, planting and maintenance.
- Targeted incentive programs to neighborhoods, especially those with lower canopy, that offer a range of opportunities from encouragement and education to incentivizing trees and planting efforts on private land
- Identify ways to expand these programs in the future based on demand and develop metrics to track success over time in increasing canopy and green infrastructure.
- Partner with school district and major employers to understand feasibility of increasing canopy on their properties and potential planting or engagement efforts to increase canopy.
- Build relationships with local nurseries to showcase recommended trees for planting in Redmond, making it easier for homeowners to get the right tree in the right spot.

Cost

Cost estimates average \$16,000 per acre at a tree density of 100 trees per acre. These estimates are based on peer cities around the region that currently have incentive programs. This is a voluntary program that could be started on a smaller scale and then adapt as demand dictates.

Canopy Impact

Moderate. Incentive programs deliver more than just canopy gains. They are an opportunity to communicate canopy benefits, help educate around the, “the right tree in the right place”, and create community around the shared value of urban forestry.

7.4 Protect

Regulations can be used to protect existing canopy ensure trees are replanted to make certain that new development is balanced with the natural environment. Redmond’s tree protection codes were written in the 1990’s, efforts with this strategy include:

- Review of existing tree regulations and determine if they are accomplishing the intended goals and update for clarity and simplicity when appropriate.
- Improve tree removal and replacement tracking using EnerGov software to better understand short-term canopy change. Track tree planting and removal citywide on an annual basis to understand and adapt to changing conditions over time. Evaluate the need for an on-call arborist or urban forester on staff to advise on tree health and retention.
- Research opportunities for increased incentives for the retention and planting of trees during development.

Cost

Low to Moderate. Many of these efforts can be undertaken with current staffing levels and programs that are in place.

Canopy Impact

Moderate to high. Estimates show that Redmond is losing 12 to 13 acres of canopy cover per year over the last decade and an increased understanding of the regulations will enable the balance between development and trees.

7.5 Partner

Reaching the 40 percent goal for canopy coverage is not something the City can do on its own. Success will include City efforts, non-profits, Redmond residents and others creating sustainable partnerships. There are many potential partnerships where mutual goals can be accomplished through increasing tree canopy.



- Continue Green Redmond Partnership, which is funded by Environmental and Utility Services and Parks, has nearly 400 acres of forested parklands under active management. The partnership volunteers contributed over 3000 hours of work in 2017 that is valued at nearly \$95,000 dollars. It is a way to engage the community in actions that preserve the environment.

- Update and continue implementation of the 20-year forest management plan that has been developed to restore and enhance Redmond's forested parklands.
- Evaluate additional partnerships with groups like King County Conservation District, King County Million Trees, Cascade Water Alliance, Puget Sound Energy and other entities on programs and outreach activities that have potential for mutual benefit.

remains treed. Given that these parcels would already be calculated in the city's overall forest canopy, they would not be adding additional canopy. Non-forested parcels can increase the overall canopy coverage in Redmond. Canopy impact is moderate overall given that acquisition will likely be a small part of the overall canopy expansion due to costs.

Cost

\$4,500 per acre is the estimated cost of canopy expansion with Green Redmond Partnership. Other partnerships will depend on the efforts undertaken and volunteers engaged.

Canopy Impact:

Low to Moderate. Partnerships, such as the Green Redmond Partnership, have a low benefit in terms of new canopy generated, but are invaluable in maintaining and enhancing forest health by removing invasive species and planting understory. These programs develop community leaders and can connect urban forestry to other important issues such as water quality and salmon enhancement.

7.6 Acquire

To achieve canopy goals and distribution of canopy throughout various neighborhoods, the City may need to make strategic acquisition of forested parcels or parcels that can be re-planted and potentially used as a tree mitigation bank for public and private developments.

Cost

Acquisition of forested parcels have cost estimates from \$247,000 to 280,000 per acre and non-forested parcels range from \$52,000 to \$183,000 dollars.

Canopy Impact

Moderate. Acquisition of forested parcels can have a significant and immediate impact on conservation of existing canopy. Potential acquisitions could be targeted to areas with lower canopy or unique opportunity to ensure a specific forested parcel

CHAPTER 8

Implementation Plans

6-Year Tree Canopy Implementation Plan Matrix

Strategy A: Education & Awareness			
Increase understanding and awareness among all community members around the value of trees for social, environmental and economic reasons. Cost estimates for strategy are low, medium, high given that there is no direct correlation to a per acre canopy cost.			
Action	Timeframe	Cost Estimate*	Metric
A1: Compile a suggested tree list that identifies coniferous and deciduous tree species that fit a wide-range of conditions on public and private property for developers and community members.	2019-2020	Low	Tree list downloads
A2: Compile best practices and planting tips to ensure newly planted trees are healthy and properly maintained.	2019-2020	Low	Downloads, views or handouts
A3: Add new policies to the comprehensive plan describing the tree canopy goal, timeframe, and other key strategies.	2019	Low	Goals in comprehensive plan
A4: Develop a Tree-Tour of significant or “champion” species around the city and their ecological or historical significance	2021-2022	Low	Downloads or views
A5: Evaluate a Speaker Series on trees and forest health with a diverse variety of topics to attract a wide-ranging group of community members	2021-2022	Moderate	Attendance
A6: Develop opportunities to showcase urban forest with art and cultural programming	2021-2022	Moderate	Number of events
A7: Consider partnering with Redmond Historical Society on history of Redmond’s forests.	2022-2023	Moderate	Download or attendance



*Cost Estimate Scale:

Low: Less than \$50,000. Often accomplished with existing City staff resources.

Moderate: Between \$50,000 and \$100,000. Has budget implications; requires dedicated staffing, contractor and/or volunteer commitment.

High: Greater than \$100,000. Involves substantial project management, staffing and commitment.

Strategy B: Increase City Led Planting

City led planting involves canopy enhancement projects on City-owned land, such as parks, rights-of-way and stream restoration corridors within contiguous boundaries.

Action	Timeframe	Cost Estimate	Metric
B1. Increase Canopy on city property by planting open space areas in parks consistent with park master plans, street trees, riparian and restoration plantings.	2019-2020 (ongoing)	\$35,000 to \$120,000/acre	Acres planted Trees planted
B2: Continue program to allow residents to plant trees on park property (via donation) for memorials	Ongoing	Low	Trees Planted
B3: Maintain and develop partnerships (Strategy F) to assist in city planting.	Ongoing	Moderate	Acres planted Trees Planted

Strategy C: Private Planting Incentives

Half of the opportunity to increase tree canopy coverage in the City of Redmond exists on private parcels. Meeting canopy goals will require commitment and collaboration and will not be possible without working with private property owners to assist in this effort. These opportunities will be voluntary at the discretion of the landowner.

Action	Timeframe	Cost Estimate	Metric
C1. Develop a program to provide low-cost or no-cost trees to Redmond property owners to increase canopy on private parcels	2019	\$18,000/acre	Trees planted Acres Planted Number of property owners
C2: Encourage use of Neighborhood Matching Grants to increase canopy in neighborhoods where canopy is needed.	Ongoing	Grants are up to \$5,000	Trees planted Acres restored Acres planted
C3: Work with neighborhoods in ongoing efforts to increase canopy and forest health in their neighborhoods.	Ongoing	Low-Moderate	Trees planted Acres restored Acres planted

Strategy D: Regulations

Regulations can be used to understand tree removal, ensure care of urban trees and set standards for removal and replacement.

Action	Timeframe	Cost Estimate	Metric
D1: Perform comprehensive review of current regulations to determine if they are accomplishing the intended goals	2019-2020	Moderate	Completed
D2: Improve tree removal and replacement tracking using EnerGov to better understand short-term canopy change.	2019	Low	Quarterly reports of tree removal and replacement
D3: Evaluate compliance on existing single-family tree removal permit applications and replanting to ensure required replanting of trees occurs.	2021-2022	Low	Compliance percentage
D4: Evaluate need for an on-call arborist or urban forester on staff to advise on tree health and retention.	2019-2020	Moderate	Benefit-Cost Analysis

Strategy E: City Acquisition of Lands




Acquisition of lands within contiguous city boundaries can be used to conserve existing forested parcels or could be used to acquire open space that could be used to increase canopy through mitigation planting or other mechanisms.

Action	Timeframe	Cost Estimate	Metric
E1. Evaluate acquisition of forest parcels, especially in neighborhoods or zones with less canopy, to preserve urban forest cover	2023-2024	\$247,000-\$280,000	Acres of canopy
E2: Consider acquisition of non-forest parcels as a “tree bank” that can be planted with future canopy and can be used when off-site planting is necessary.	2023-2024	\$52,000-\$183,000	Acres reforested

Strategy F: Partnerships & Volunteers

Partnerships engage the community in tree planting and forest restoration. They provide an opportunity to leverage funding and broaden the coalition helping to preserve and enhance Redmond's tree canopy. Partnerships will be essential to accomplishing the goals of the tree canopy strategic plan.

Action	Timeframe	Cost Estimate	Metric
F1: Continue to progress on the 20-year Forest Management Plan developed by the Green Redmond Partnership to restore and enhance natural areas.	2019 (Ongoing)	\$75,000 per year	Active volunteer forest stewards Acres under active restoration management Trees planted
F2: Update the Green Redmond 20-year Forest Management Plan	2023-2024	Low	Acres of parkland to be actively managed
F3: Develop partnerships with organizations and initiatives doing forest management, restoration work and data analysis	Ongoing	Low	Number of partnerships
F4: Provide opportunities for community groups to assist in planting and restoration through events like arbor day or other volunteer service days	Ongoing	Low	Volunteer hours
F5: Pursue grant funding to support tree canopy efforts	Ongoing	Low-Moderate	Grant funding received

Strategy G: Data Analysis			
Canopy enhancement contains many variables and will need to be tracked on multiple scales (per tree, per acre and overall coverage) to ensure overall goal can be achieved.			
Action	Timeframe	Cost Estimate	Metric
G1: Number of trees and acres planted	Yearly	Low-Moderate	Annually
G2: Number of street trees pruned	Ongoing	Low-Moderate	Annually
G3: Number of volunteer hours performed for restoration and stewardship activities			
G3: Acres enrolled in active management for restoration	Ongoing	Low	Acres enrolled
G4: Acquire Aerial Photography Canopy Analysis	2020	Low	Biennial
G5: Acquire updated lidar dataset to reset canopy baseline	2022-24	Moderate	Every 8 years
G6: Redmond's Current Canopy Coverage	Ongoing	Low	Every two years
G7: Consider I-Tree analysis to better understand species mix, age and environmental values associated with Redmond's urban forests	2021-22	Moderate	Age Species Diversity Stormwater Value Carbon sequestration
G8: Develop collector and methodology to improve tracking of trees planted on private lands	2023	Low	Number and species of trees planted

30-Year Tree Canopy Implementation Matrix

Long-Term Strategy Implementation				
Tree canopy is an ongoing effort to plant, protect and maintain the urban tree canopy in Redmond. Over time strategies will shift to take advantage of current conditions and to prioritize canopy in certain areas of the city that may need additional trees. The matrix represents potential mix of strategies that would be used to accomplish the goal.				
Strategy	Short-Term 2018-2028	Mid-Term 2028-2038	Long-Term 2038-2048	
Education and Awareness ¹				
Data Analysis ²				
Increase City-Led Planting	30 to 80 acres	50 to 110 acres	40 to 100 acres	120 to 290 acres
Private Planting Incentives ³	15 to 50 acres	35 to 75 acres	25 to 70 acres	75 to 195 acres
Regulations ⁴				
City Acquisition of Lands	1	2	2	5-20
Partnerships and Volunteers	3-6	3-6	4-8	10-20
Acres ⁵	50 to 125 acres	70 to 175 acres	90 to 225 acres	210 to 500** acres
Cost ⁶	\$4M-10 Million	\$5.6M-14 Million	\$7.2M-18 Million	\$17-42 Million**

¹ Education will be included as all parts of this effort, but a focus will be necessary to maintain momentum towards goal

² Data analysis does not add trees, but will be a necessary part of adaptive management of the canopy

³ Based on 100 trees per acre

⁴ Regulations are proposed to be reviewed in near-term, once updated table will reflect canopy change

⁵ Approximately 200 net acres of new canopy to achieve 40 percent goal, but current rate of loss of approximately 12-13 acres per year could create overall canopy increase of 500 acres. Estimates of acreage for each strategy is based on the low-high total acreage needed to meet goal

⁶ Cost estimates range based on ultimate number of additional acres

CHAPTER 9

Funding**9.1 Funding Need**

The estimated cost to achieve the 40 percent tree canopy goal is approximately \$80,000 per acre. Over thirty years, the total costs are estimated to be between \$16,000,000 to \$42,000,000 or approximately \$600,000 to \$1,400,000 per year in 2018 dollars.

9.1 Potential Funding Sources

To accomplish the vision set out in the plan, a variety of existing and new funding sources will be needed. These sources will vary based on project type and scope. A general overview of potential funding sources is below.

Capital Improvement Plan Project Budgets

Many large-scale projects with canopy improvements will be part of the ongoing 6-year Capital Improvement Plans and funded through those efforts. An example of this would be Downtown Park, which will provide new tree canopy in downtown as part of the park development. Other examples would be a transportation project that replaces or add street trees.

General Fund

Ongoing activities such as street tree pruning, Green Redmond Partnership forest restoration program, tree planting projects, tree maintenance around traffic signals and street signs, as well as future activities such as the tree incentive program could be funded through the general fund.

Tree Fund

Current regulations require a fee to be paid when development-related tree planting requirements cannot be accommodated on-site. These funds can be used to increase canopy in other areas across the city where canopy is needed and space is available.

Stormwater Utility Funds

Utility funds help preserve and increase tree canopy through capital projects education and outreach, and partnerships to plant and maintain significant areas of tree canopy as urban forests help to mitigate stormwater runoff.

Stormwater utility services could also be used to provide information and request voluntary donation from ratepayers under RCW 35A.80.040. This could be used to raise money for future canopy expansion or maintenance via a check-box on a billing statement or other request for donation.

Grants

A variety of opportunities exist for grants with partners across the region. These vary from working with Water Resource Inventory Area (WRIA) 8 on salmon recovery funding that can be used to improve habitat. Washington Department of Nature Resources has urban forestry grants that include but is limited to resources for developing tree ordinances, policy manuals, tree canopy analysis programs. The Nature Conservancy in Washington and City Habitats have offered grants to invest in trees and improve stormwater that ranged from \$15,000 dollars to \$75,000 dollars.

Partnerships

Other entities, such as King County, King Conservation District or neighboring jurisdictions provide an opportunity for partnerships around a shared goal of keeping of expanding and maintaining urban forests. Other partners may include large property owners such as corporate campus' or school sites that could potentially increase canopy for a variety of benefits. Boise, Idaho has created partnerships with their local power company to provide shade trees and calculate the impact of those additional trees on energy consumption during peak periods of use.

CHAPTER 10

Maintenance

Maintenance of both existing and future canopy needs to be planned for and funded to manage more than 8,000 street trees, over a thousand acres of forest parklands, and 4,000 acres of canopy in total across Redmond. These processes are already in place for public lands and now we must also work with private partners and community members to think about maintaining trees on private properties.

10.1 Maintenance on Public Property

Cost estimates to maintain an acre of city-led plantings, whether in a park, restoration area or other site average \$900 an acre per year. These costs range widely depending on site, access to water and other factors. Most of the maintenance in restoration and canopy projects is in the first five years when watering and pruning have the largest effect on the survival rate during the tree establishment phase.

Certain trees, such as street trees, are managed more intensively. Issues that require maintenance include tree replacement, supplemental water, pruning, storm response and inventory. Redmond's street trees are inventoried on a 5-year cycle. Regular maintenance practices on trees include leaf removal, removing damaged or dead trees and pruning for both health, visibility for signs, signals and safety. Maintenance directly impacts the structure of the tree which will have a large impact on how the tree/canopy functions and the associated benefits that are derived from that canopy. Trees in forested natural areas or as part of restoration projects are usually managed less intensively. Current programs such as the Green Redmond Partnership help to remove invasive species and improve forest health with thousands of hours of volunteer labor and over 400 acres currently under active management.

10.2 Private Property

Maintenance of trees on private property are the responsibility of the landowner. Education around planting the right trees in the right place will help limit future issues with trees growing up under powerlines or being planted too close to fences, foundations

and other infrastructure that may be damaged. All city-led efforts to increase canopy on private property will include educational materials to address these common issues. These materials will include site selection, planting and pruning practices along with watering.

References

¹ Public Health Cray, Dan. “Why Cities are Uprooting Trees.” Time Magazine. 2007 Web <http://content.time.com/time/magazine/article/0,9171,1635842,00.html>

² University of Washington, College of Forest Resources. Urban Forest Values: Economic Benefits of Trees in Cities. Center for Urban Horticulture. <http://www.naturewithin.info/Policy/EconBens-FS3.pdf>

³ Ibid.

⁴ Tyrväinen, L., Pauleit, S., Seeland, K., & Vries, S. D. (2005). Benefits and uses of urban forests and trees. In C. C. Konijnendijk, K. Nilsson, T. B. Randrup, & J. Schipperijn (Eds.), Urban forests and trees: a reference book (pp. 81-114). Kluwer Academic Publishers.

⁵ 46 Wolf, Kathleen L. “Roadside Urban Trees, Balancing Safety and Community Values.” Arborist News Dec. 2006: 56-57. Web. http://www.naturewithin.info/Roadside/ArbNews_TreeSafety.pdf.

⁶ Nowak, David J.; Appleton, Nathaniel; Ellis, Alexis; Greenfield, Eric. 2017. Residential building energy conservation and avoided power plant emissions by urban and community trees in the United States. Urban Forestry & Urban Greening. 21: 158-165. <https://doi.org/10.1016/j.ufug.2016.12.004>

⁷ 110 Greenway Guide: Slower, Safer Streets. Dutchess County Planting & Development. (2010) http://www.sacog.org/completestreets/toolkit/files/docs/StrengtheningCenters_SlowerSaferStreets.pdf

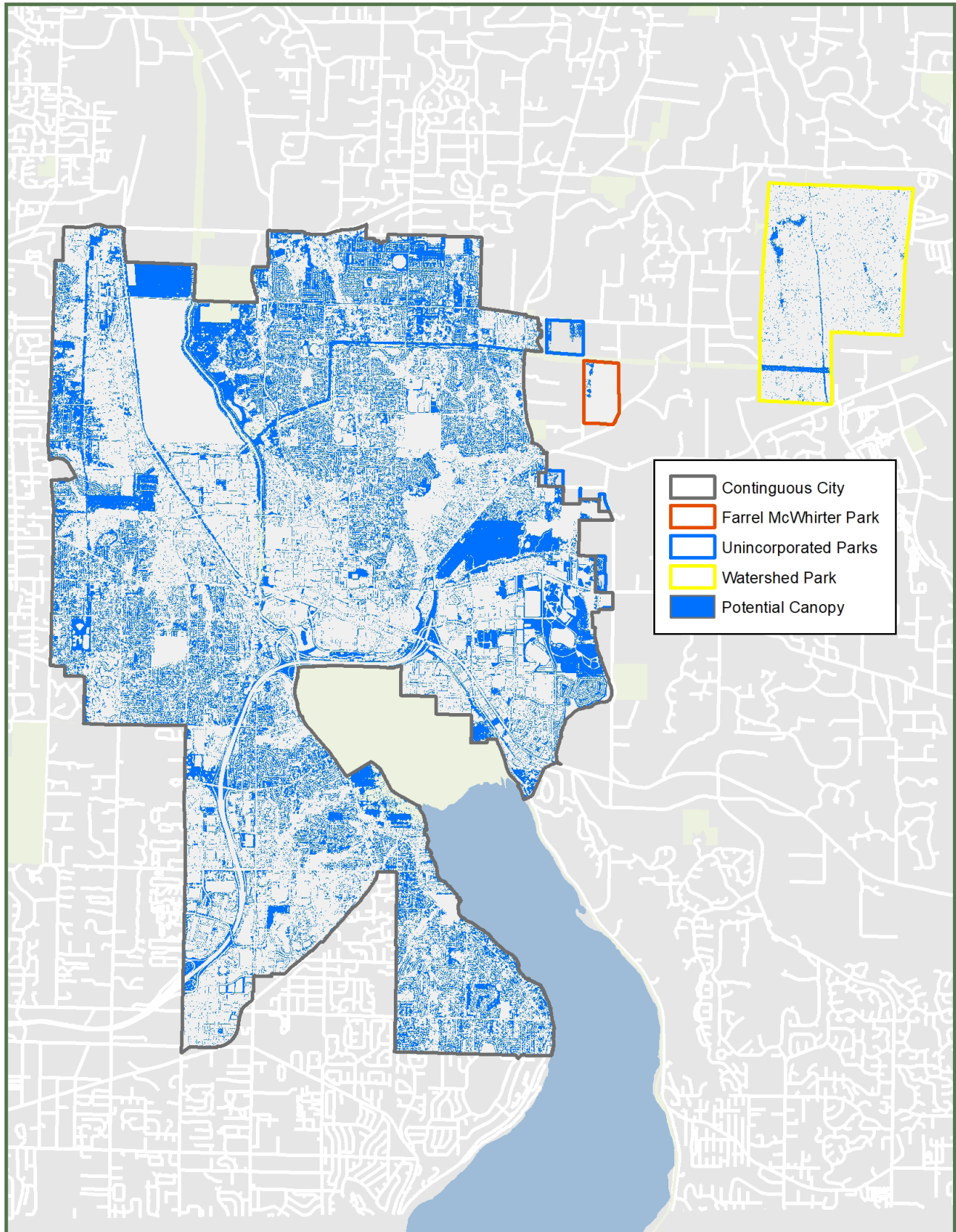
⁸ Mathew, Teresa “How Should We Pay for Street Trees?”, citylab.com. 2017 Web <https://www.citylab.com/environment/2017/10/how-should-we-fund-urban-forestry/541833/>

⁹ Greenway Guide: Slower, Safer Streets. Dutchess County Planting & Development. (2010) http://www.sacog.org/completestreets/toolkit/files/docs/StrengtheningCenters_SlowerSaferStreets.pdf

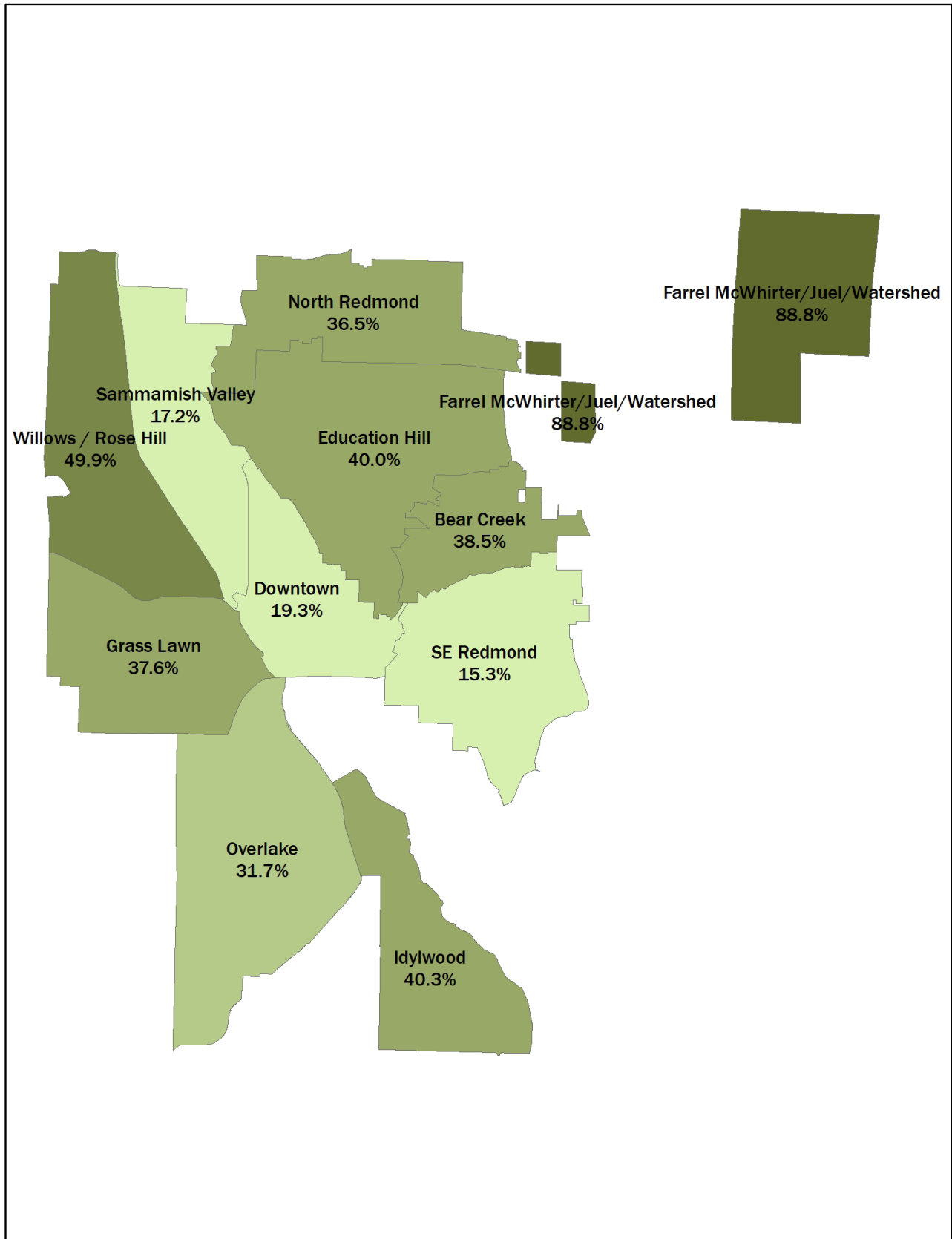
¹⁰ McPherson, E.G., and Muchnick, J. (2005). Effect of street tree shade on asphalt concrete pavement performance. Journal of Arboriculture, 31 (6), 303-310.

Appendices

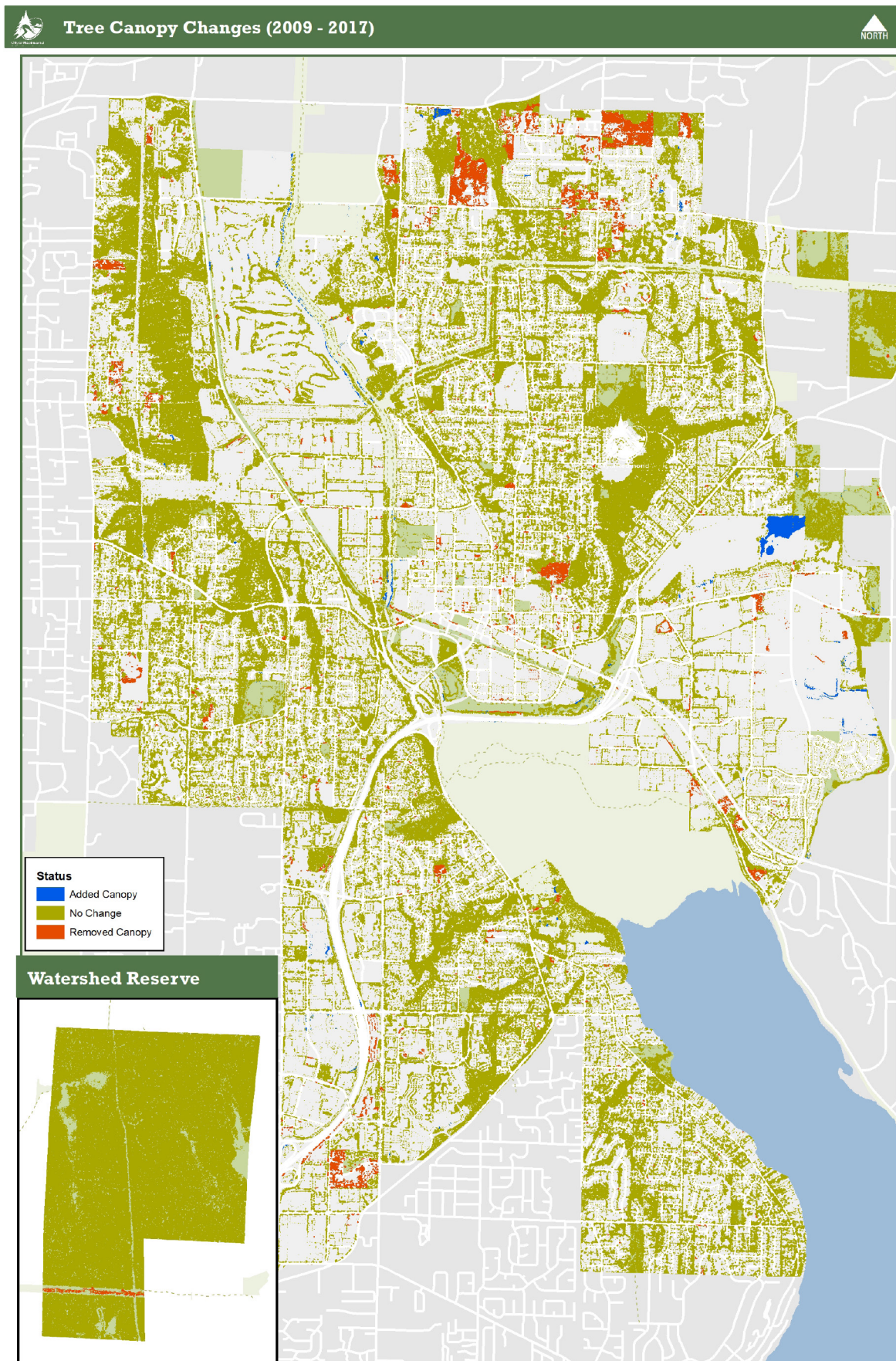
Appendix A: Map of Potential Canopy with Neighborhood Outlines

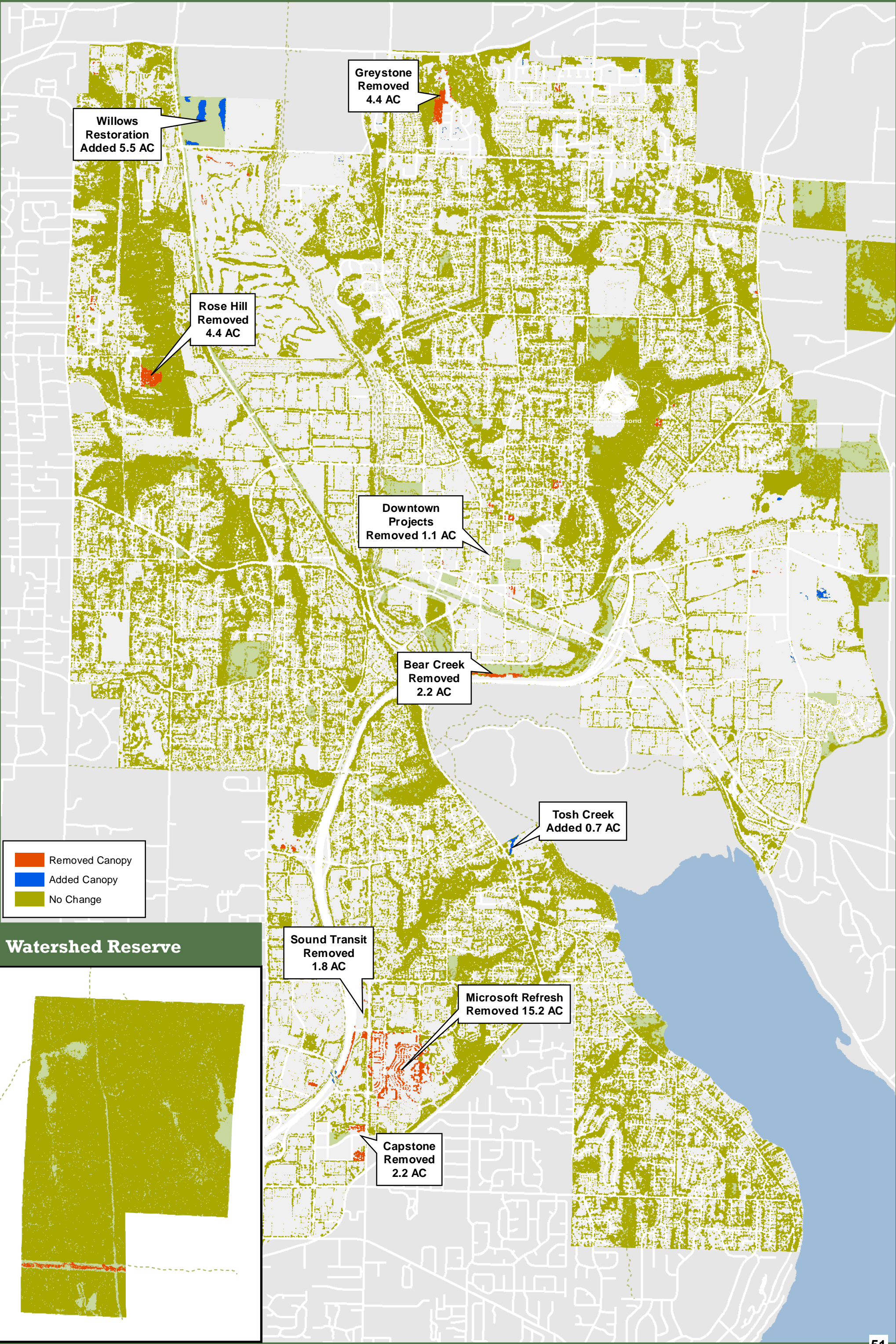


Appendix B: Map of Tree Canopy with Neighborhood Outlines



Appendix C: Map of Tree Canopy Changes (2009-2017)







Memorandum

Date: 11/1/2021

Meeting of: Committee of the Whole - Parks and Human Services

File No. CM 21-588

Type: Committee Memo

TO: Committee of the Whole - Parks and Human Services

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Finance	Chip Corder	425-556-2189
Parks	Carrie Hite	425-556-2326
Public Works	Dave Juarez	425-556-2733

DEPARTMENT STAFF:

Finance	Kelley Cochran	Deputy Finance Director
Parks	Loreen Hamilton	Deputy Parks Director
Public Works	Eric C. Dawson	Senior Engineer

TITLE:

Redmond Senior & Community Center Funding Plan and Ordinance

OVERVIEW STATEMENT:

As a follow up to the City Council Study Session discussion on October 26, 2021, staff will present two funding plan options and applicable ordinances for Council consideration to fund the Redmond Senior & Community Center. Staff request that one of the ordinances be adopted by City Council at the November 1 Business Meeting.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☐ **Receive Information**

☒ **Provide Direction**

☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
 - Envision Redmond Senior Center Building Stakeholders Report March 2020
 - Redmond Community Strategic Plan
 - 2017 Community Priorities for the Future of Redmond's Community Centers Report
 - Redmond Comprehensive Plan
 - Redmond Parks, Arts, Recreation, Culture, and Conservation (PARCC) Plan

- Redmond Facilities Strategic Management Plan
- 2017-2022 Redmond Capital Investment Program (CIP).
- Redmond Zoning Code 21.10.070B
- **Required:**
City Comprehensive Plan: FW-23, CC-12, PR-19, PR-36, PR-37, PR-38, UC-19, UC-20, DT-12, and DT-15, Redmond Zoning Code - RZC 21.10.070B
- **Council Request:**
On July 20, 2021, City Council provided direction to proceed with the design and construction of the Redmond Senior & Community Center. City Council requested further discussion about the budget appropriation, use of one-time cash and councilmanic bonds.
- **Other Key Facts:**
N/A

OUTCOMES:

This ordinance is necessary to approve and appropriate a project budget.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**
See Attachment A
- **Outreach Methods and Results:**
See Attachment A
- **Feedback Summary:**
N/A

BUDGET IMPACT:

Total Cost:
\$44,000,000

Approved in current biennial budget: ☐ Yes ☒ No ☐ N/A

Budget Offer Number:
CIP

Budget Priority:
Infrastructure, Health and Sustainable, Vibrant and Connected

Other budget impacts or additional costs: ☒ Yes ☐ No ☐ N/A

If yes, explain:

There are 2 funding options below. The remaining funds will be revisited with City Council after 2021 is closed and staff are able to assess the funding needs for the 2023-2028 non-utility CIP, evaluate the state of the 2022 economy, and consider using the 2021 General Fund and Real Estate Excise Tax surpluses to reduce or eliminate the need for bonds.

Funding source(s):
Ordinance Option 1

Funding Source	Amount	Status
Currently budgeted in 2021-2022 CIP	\$17.116 million	<i>Appropriated</i>
Surplus Park Impact Fees from 2019-2020	\$1.648 million	<i>Needs allocation to project budget (appropriation occurred in 8/2021 City Council action)</i>
State capital grant	\$1.25 million	<i>Needs appropriation to project budget</i>
General Fund surplus appropriated to facilities per City Council 8/2021 (2019-2020 biennium)	\$8.5 million	<i>Needs appropriation to project budget</i>
Surplus REET from 2019-2020	\$2.486 million	<i>Needs appropriation to project budget</i>
Councilmanic bonds and/or 2021 year-end cash	\$13.0 million	<i>Return in 2022</i>
Total	\$44.0 million	

Ordinance Option 2

Funding Source	Amount	Status
Currently budgeted in 2021-2022 CIP	\$17.116 million	<i>Appropriated</i>
Surplus Park Impact Fees from 2019-2020	\$1.648 million	<i>Needs allocation to project budget (appropriation occurred in 8/2021 City Council action)</i>
State capital grant	\$1.25 million	<i>Needs appropriation to project budget</i>
Surplus REET from 2019-2020	\$2.486 million	<i>Needs appropriation to project budget</i>
Councilmanic bonds and/or 2021 year-end cash	\$21.5 million	<i>Return in 2022</i>
Total	\$44.0 million	

Budget/Funding Constraints:

Currently, the need for Councilmanic bonds accounts for almost 30% of the total project cost in Option 1 or almost 50% of the total project cost in Option 2, which is less than the 50% maximum debt funding threshold per the City's fiscal policies.

☒ **Additional budget details attached**

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
	See Attachment B	

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
11/1/2021	Special Meeting	Approve

Time Constraints:

The Redmond Senior & Community Center is not currently in compliance with the CIP Proviso to have an approved project budget. Current cashflow is sufficient for design phase; but when construction begins in 2022, additional funds will be needed to keep the project on schedule.

ANTICIPATED RESULT IF NOT APPROVED:

N/A

ATTACHMENTS:

Attachment A: Community and Stakeholder Outreach and Involvement

Attachment B: Council Review Previous Contacts

Attachment C: Presentation

Attachment D: Ordinance Redmond Senior and Community Center - Option 1

Attachment E: Ordinance Redmond Senior and Community Center - Option 2

Attachment F: Summary of 2021-2022 Budget Adjustments Redmond Senior & Community Center

Redmond Senior and Community Center Update
Attachment A – Community/Stakeholder Outreach and Involvement

- **Timeline (previous or planned)**

01/09/2020	Stakeholder Conference Call
01/15/2020	Public Meeting - Facilitated by EnviroIssues and Patano
01/16/2020	Lunch Briefing with Seniors
01/23/2020	Public Meeting - Facilitated by EnviroIssues and Patano
02/06/2020	RYPAC Senior Center Discussion
02/10/2020	Community Centers Open House - Facilitated by Patano
02/24/2020	Stakeholder Meeting #1 - Facilitated by EnviroIssues
03/05/2020	Stakeholder Meeting #2 - Facilitated by EnviroIssues
12/14/2020	Project Update for Stakeholder Group and “Meet and Greet” with Architect Team
01/11/2021	Project Stakeholder Group Meeting #1
01/25/2021	Project Stakeholder Group Meeting #2
02/01/2021	Outreach to Local Businesses, Nonprofits, Partners, Organizations, Community Members, BIPOC Communities, etc., Leading Up to Public Meetings
02/17/2021	First Online Questionnaire Launches (Closed On 03/10/2021)
02/24/2021	Virtual Public Meeting #1 (Senior Focused Daytime & General Public Evening)
03/01/2021	Outreach to Local Businesses, Nonprofits, Partners, Organizations, Community Members, BIPOC Communities, etc., Leading Up to Public Meetings
03/01/2021	Project Stakeholder Group Meeting #3
03/22/2021	Project Stakeholder Group Meeting #4
03/24/2021	Virtual Public Meeting #2 (Senior Focused Daytime & General Public Evening)
03/24/2021	Second Online Questionnaire Launches (Closed on 04/03/2021)
05/24/2021	Project Stakeholder Group Meeting #5
06/14/2021	Project Stakeholder Group Meeting #6
10/11/2021	Project Stakeholder Group Meeting #7
11/15/2021	Project Stakeholder Group Meeting #8
02/28/2022	Project Stakeholder Group Meeting #9
Monthly Briefings	Parks and Trails Commission
Monthly Briefings	Arts and Culture Commission
Monthly Briefings	Senior Advisory Committee

Redmond Senior and Community Center Update
Attachment B – Council Review Previous Contacts

Date	Meeting	Requested Action
09/17/2019	Business Meeting	Receive Information
12/03/2019	Business Meeting	Receive Information
02/11/2020	Study Session	Receive Information
02/25/2020	Committee of the Whole - Finance, Administration, and Communications	Receive Information
03/03/2020	Committee of the Whole - Parks and Human Services	Receive Information
06/02/2020	Committee of the Whole - Parks and Human Services	Receive Information
06/23/2020	Study Session	Receive Information
07/07/2020	Committee of the Whole - Parks and Human Services	Receive Information
07/28/2020	Study Session	Receive Information
08/04/2020	Committee of the Whole - Parks and Human Services	Receive Information
08/11/2020	Committee of the Whole - Planning and Public Works	Provide Direction
09/01/2020	Committee of the Whole - Parks and Human Services	Provide Direction
09/15/2020	Business Meeting	Approve
10/22/2020	Special Meeting	Approve
12/01/2020	Committee of the Whole - Parks and Human Services	Receive Information
01/05/2021	Committee of the Whole - Parks and Human Services	Approve
01/19/2021	Business Meeting	Approve
02/09/2021	Committee of the Whole - Planning and Public Works	Approve
02/16/2021	Business Meeting	Approve
03/09/2021	Study Session	Receive Information
04/06/2021	Committee of the Whole - Parks and Human Services	Receive Information
04/20/2021	Business Meeting	Approve
05/04/2021	Committee of the Whole - Parks and Human Services	Receive Information
06/01/2021	Committee of the Whole - Parks and Human Services	Receive Information
06/22/2021	Study Session	Receive Information
07/06/2021	Business Meeting	Receive Information
07/20/2021	Business Meeting	Approve
08/24/2021	Committee of the Whole - Finance, Administration, and Communications	Receive Information
09/07/2021	Committee of the Whole - Parks and Human Services	Receive Information
09/14/2021	Committee of the Whole - Planning and Public Works	Provide Direction
09/21/2021	Business Meeting	Approve
10/05/2021	Committee of the Whole – Parks and Human Services	Receive Information
10/26/2021	Study Session	Receive Information



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City Council Study Session

Redmond Senior & Community Center

October 26, 2021



Redmond
WASHINGTON **58**



Project Timeline

Overall Project Timeline



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City Council Touchpoints



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- ☒ 3/9/2021 - Study Session - Program Information & Preliminary Public Feedback
- ☒ 5/4/2021 - PHS Committee of the Whole- Preliminary Cost Estimates & Building Size
- ☒ 6/22/2021 - Study Session - Rough Schematic Design & Cost
- ☒ 7/6/2021 - Update on Building Design & Cost Estimate
- ☒ 8/24/2021 - FAC Committee of the Whole - Funding Package Presented
- ☒ 10/26/2021 - Study Session - Funding Plan
- ☐ 11/1/2021 - PHS Committee of the Whole - Funding Discussion



Upcoming City Council Decisions



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- ☒ 1/19/2021 - Approve Architect Agreement
- ☒ 2/16/2021 - Approve Owner's Rep Agreement
- ☒ April/May 2021 - Approve GCCM Pre-Construction Agreement
- ☒ **July 20, 2021 - Approve Schematic Design & Project Budget**
- ☒ September 21, 2021 - Approve Amendment for Design Contracts
- ☐ November 1, 2021 - Approve Project Budget and Appropriation Ordinance
- ☐ Early 2022 - Approve Early Construction Package
- ☐ Q2 2022 - Reimbursement Resolution
- ☐ April 2022 - Approve MACC, Architect, and Owner's Representative Amendments for Construction
- ☐ Mid 2022 - Approval of Bond Issuance





Funding Package

Recommended Funding Plan



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SENIOR & COMMUNITY CENTER
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Funding Source	Ordinance Option 1	Ordinance Option 2
Currently budgeted in 2021-2022 CIP	\$17.116 million	\$17.116 million
Surplus Park Impact Fees from 2019-2020	\$1.648 million	\$1.648 million
State capital grant	\$1.25 million	\$1.25 million
General Fund surplus appropriated to Capital Projects (2019-2020 biennium)	\$8.5 million	-----
Surplus REET from 2019-2020	\$2.486 million	\$2.486 million
Councilmanic bonds and/or 2021 year-end cash	\$13.0 million	\$21.5 million
Total	\$44.0 million	\$44.0 million
Annual Debt Payments and Interest on Options (20-year bond at 3% interest)		
Annual Debt Payment	\$873,804	\$1,445,138
Total Debt Payments (20 yrs)	\$17,476,080	\$28,902,754
Cumulative Interest (20 yrs)*	\$4,476,080	\$7,402,754

* Cumulative interest represents an additional project cost over and above \$44.0M.



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Thank you

Carrie Hite, Parks and Recreation Director
chite@redmond.gov | 425-556-2326

Chip Corder, Finance Director
ccorder@redmond.gov | 425-556-2189

Loreen Hamilton, Parks and Recreation Deputy Director
lharrison@redmond.gov | 425-556-2336

Eric Dawson, Project Manager
ecdawson@redmond.gov | 425-556-2867



NON-CODE ORDINANCE

ATTACHMENT A

**CITY OF REDMOND
ORDINANCE NO. _____**

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY
OF REDMOND, WASHINGTON,
AMENDING ORDINANCE NO. 3026, 3041, 3042,
3045, 3046, 3047, 3048, 3049, 3050, and 3051
BY MAKING ADJUSTMENTS TO
THE CITY'S 2021-2022 BIENNIAL BUDGET, IN
EXHIBIT 1.

WHEREAS, the City Council approved the proposed schematic design, the project budget of \$44.0 million, and the funding plan in concept for the Redmond Senior & Community Center at its July 20, 2021 Regular Business Meeting;

WHEREAS, the City Council appropriated \$17.116 million for the Redmond Senior & Community Center in the 2021-2022 Adopted Budget;

WHEREAS, \$1.648 million of the 2021 budgeted beginning fund balance in the Parks Capital Projects Fund, which represents surplus Park Impact Fees from the 2019-2020 biennium, has been identified to help fund the Redmond Senior & Community Center project;

WHEREAS, the State of Washington Adopted Capital Budget is supporting the Redmond Senior & Community Center with a \$1.25 million grant;

WHEREAS, \$15.611 million has been reserved in the General Government Capital Fund for capital projects by Ordinance No. 3049, and \$8.5 million has been identified to help fund the Redmond Senior & Community Center project;

WHEREAS, \$2.486 million of the 2021 budgeted beginning fund balance in the Real Estate Excise Tax Fund has been identified to help fund the Redmond Senior & Community Center project; and

WHEREAS, \$13 million in Councilmanic Bonds and/or available fund balances are required to fully fund the Redmond Senior & Community Center project;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Ordinance No. 3026 adopting the 2021-2022 biennial budget, passed by the City Council on December 10, 2020, and as amended by Ordinance No. 3041, Ordinance No. 3042, Ordinance No. 3045, Ordinance No. 3046, Ordinance No. 3047, Ordinance No. 3048, Ordinance No. 3049, Ordinance No. 3050 and Ordinance No. 3051, is hereby amended to set the total project budget at \$44 million for the Redmond Senior & Community Center, to use \$1.648 million of the 2021 budgeted beginning fund balance in the Parks Capital Projects Fund for the project, to appropriate a \$1.25

million capital grant from the State for the project; to use \$8.5 million of the \$15.611 million reserved in the General Government Capital Fund for the project; to use \$2.486 million of the 2021 budgeted beginning fund balance in the Real Estate Excise Tax Fund for the project; and to use \$13 million in Councilmanic bonds and/or available fund balances for the Redmond Senior & Community Center project.

Section 2. Severability. If any section, sentence, clause, or phrase of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity of any other section, sentence, clause, or phrase of this ordinance.

Section 3. Effective date. This ordinance shall take effect five (5) days after passage and publication of an approved summary thereof consisting of the title.

ADOPTED by the Redmond City Council this 1st day of November, 2021.

CITY OF REDMOND

ANGELA BIRNEY, MAYOR

ATTEST:

CHERYL D. XANTHOS, CMC, CITY CLERK (SEAL)

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY

By: _____

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
SIGNED BY THE MAYOR:
PUBLISHED:
EFFECTIVE DATE:
ORDINANCE NO.: _____

NON-CODE ORDINANCE

ATTACHMENT A

**CITY OF REDMOND
ORDINANCE NO. _____**

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY
OF REDMOND, WASHINGTON,
AMENDING ORDINANCE NO. 3026, 3041, 3042,
3045, 3046, 3047, 3048, 3049, 3050, and 3051
BY MAKING ADJUSTMENTS TO
THE CITY'S 2021-2022 BIENNIAL BUDGET, IN
EXHIBIT 1.

WHEREAS, the City Council approved the proposed schematic design, the project budget of \$44.0 million, and the funding plan in concept for the Redmond Senior & Community Center at its July 20, 2021 Regular Business Meeting;

WHEREAS, the City Council appropriated \$17.116 million for the Redmond Senior & Community Center in the 2021-2022 Adopted Budget;

WHEREAS, \$1.648 million of the 2021 budgeted beginning fund balance in the Parks Capital Projects Fund, which represents surplus Park Impact Fees from the 2019-2020 biennium, has been identified to help fund the Redmond Senior & Community Center project;

WHEREAS, the State of Washington Adopted Capital Budget is supporting the Redmond Senior & Community Center with a \$1.25 million grant;

WHEREAS, \$2.486 million of the 2021 budgeted beginning fund balance in the Real Estate Excise Tax Fund has been identified to help fund the Redmond Senior & Community Center project; and

WHEREAS, \$21.5 million in Councilmanic Bonds and/or available fund balances are required to fully fund the Redmond Senior & Community Center project;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Ordinance No. 3026 adopting the 2021-2022 biennial budget, passed by the City Council on December 10, 2020, and as amended by Ordinance No. 3041, Ordinance No. 3042, Ordinance No. 3045, Ordinance No. 3046, Ordinance No. 3047, Ordinance No. 3048, Ordinance No. 3049, Ordinance No. 3050 and Ordinance No. 3051, is hereby amended to set the total project budget at \$44 million for the Redmond Senior & Community Center, to use \$1.648 million of the 2021 budgeted beginning fund balance in the Parks Capital Projects Fund for the project, to appropriate a \$1.25 million capital grant from the State for the project; to use \$2.486 million of the 2021 budgeted beginning fund balance in the Real Estate Excise Tax Fund for the project; and to use \$21.5 million in Councilmanic bonds and/or available fund balances for the Redmond Senior & Community Center project.

Section 2. Severability. If any section, sentence, clause, or phrase of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity of any other section, sentence, clause, or phrase of this ordinance.

Section 3. Effective date. This ordinance shall take effect five (5) days after passage and publication of an approved summary thereof consisting of the title.

ADOPTED by the Redmond City Council this 1st day of November, 2021.

CITY OF REDMOND

ANGELA BIRNEY, MAYOR

ATTEST:

CHERYL D. XANTHOS, CMC, CITY CLERK (SEAL)

APPROVED AS TO FORM:
OFFICE OF THE CITY ATTORNEY

By: _____

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
SIGNED BY THE MAYOR:
PUBLISHED:
EFFECTIVE DATE:
ORDINANCE NO.: _____

EXHIBIT 1
Summary of 2021-2022 Budget Adjustments

Fund Number	Fund Name	2021-2022 Adopted Budget (Ord 3026)	Adjustment #1 Human Services Funding (Ord 3041)	Adjustment #2 Development Surge (Ord 3042)	Adjustment #3 Beginning Fund Balance Excl. GF (Ord 3045)	Adjustment #4 Body Worn Cameras (Ord 3046)	Adjustment #5 Redmond Central Connector Ph. 3 (Ord 3047)	Adjustment #6 Priority Maintenance (Ord 3048)	Adjustment #7 Municipal Facilities Reserves (Ord 3049)	Adjustment #8 ARPA - Tourism (Ord 3050)	Adjustment #9 ARPA - COVID Recovery Fund (Ord 3051)	Adjustment #10 Redmond Senior and Comm Center (Ord XXXX)	Revised 2021-2022 Budget
100	General Fund	\$ 201,732,921	\$ 500,000	\$ 1,530,000	\$ -	\$ 3,961,110	\$ 2,800,000	\$ 1,800,000	\$ 15,611,470	\$ 364,157	\$ 9,564,842	\$ -	\$ 237,864,500
011	Arts Activity	679,044	-	-	(4,365)	-	-	-	-	-	-	-	674,679
012	Parks Maintenance & Operations	3,636,220	-	-	54,869	-	-	-	-	-	-	-	3,691,089
013	Community Events	762,363	-	-	(14,164)	-	-	-	-	-	-	-	748,199
019	Human Services Grant Fund	5,279,457	500,000	-	(565,425)	-	-	-	-	-	-	-	5,214,032
020	Fire Equipment Reserve	4,430,207	-	-	(55,822)	-	-	-	-	-	-	-	4,374,385
021	Operating Reserve	8,029,824	-	-	115,297	-	-	-	-	-	-	-	8,145,121
025	COVID Recovery Fund	-	-	-	-	-	-	-	-	-	9,564,842	-	9,564,842
027	Capital Replacement Reserve	4,853,833	-	-	568,568	-	-	-	-	-	-	-	5,422,401
030	Business Tax	11,849,645	-	-	(45,482)	-	-	-	-	-	-	-	11,804,163
031	Real Property Fund	1,055,114	-	-	1,916,692	-	-	-	-	-	-	-	2,971,806
035	Fire Levy Fund	6,912,244	-	-	28,366	-	-	-	-	-	-	-	6,940,610
036	Police Levy Fund	8,805,302	-	-	(1,273,576)	-	-	-	-	-	-	-	7,531,726
037	Parks Levy Fund	1,200,074	-	-	(26,940)	-	-	-	-	-	-	-	1,173,134
095	Parks Maintenance Projects	1,839,253	-	-	150,195	-	-	-	-	-	-	-	1,989,448
096	Transportation Maintenance Project	14,988,555	-	-	3,647,405	-	-	-	-	-	-	-	18,635,960
099	General Governmental Maint	18,292,452	-	-	1,626,940	-	-	-	-	-	-	-	19,919,392
110	Recreation Activity	4,207,550	-	-	145,037	-	-	-	-	-	-	-	4,352,587
115	Development Review	19,581,584	-	-	386,969	-	-	-	-	-	-	-	19,968,553
117	Cable Access Fund	66,982	-	-	(2,588)	-	-	-	-	-	-	-	64,394
118	Operating Grants	2,360,334	-	-	389,383	-	-	-	-	-	-	-	2,749,717
122	Advanced Life Support	19,695,613	-	-	(250,666)	-	-	-	-	-	-	-	19,444,947
124	Fire Donations Fund	615,903	-	-	610	-	-	-	-	-	-	-	616,513
125	Real Estate Excise Tax	23,121,488	-	-	2,698,725	-	-	-	-	-	-	-	25,820,213
126	Drug Enforcement	117,601	-	-	3,241	-	-	-	-	-	-	-	120,842
131	Tourism (Hotel/Motel Tax)	2,090,906	-	-	(33,691)	-	-	-	-	364,157	-	-	2,421,372
140	Solid Waste Recycling	3,291,433	-	-	92,999	-	-	-	-	-	-	-	3,384,432
233	Non-Voted GO Bonds - Parks	9,583,033	-	-	(1,505)	-	-	-	-	-	-	-	9,581,528
315	Parks Capital Projects	17,541,679	-	-	4,285,265	-	2,800,000	-	-	-	-	25,236,000	49,862,944
316	Transportation Capital Project	47,582,673	-	-	(5,452,216)	-	-	-	-	-	-	-	42,130,457
319	General Governmental Capital	8,224,108	-	-	1,479,469	-	-	-	15,611,470	-	-	-	25,315,047
361	CFD 2014-1	7,631,421	-	-	-	-	-	-	-	-	-	-	7,631,421
362	CFD 2016-1	10,751,459	-	-	-	-	-	-	-	-	-	-	10,751,459
401	Water/Wastewater	84,418,594	-	-	931,718	-	-	-	-	-	-	-	85,350,312
402	UPD - Water/Wastewater	21,339,048	-	-	834,329	-	-	-	-	-	-	-	22,173,377
403	Water/Wastewater Capital Proj	18,394,238	-	-	9,213,532	-	-	-	-	-	-	-	27,607,770
404	Wastewater Capital Project	15,453,667	-	-	2,609,901	-	-	-	-	-	-	-	18,063,568
405	Stormwater Management	37,572,031	-	-	(923,426)	-	-	-	-	-	-	-	36,648,605
406	Stormwater Management Capital	45,594,836	-	-	6,300,334	-	-	-	-	-	-	-	51,895,170
407	UPD - Capital Projects	11,893,066	-	-	823,137	-	-	-	-	-	-	-	12,716,203
408	UPD Wastewater Capital Project	14,021,357	-	-	510,824	-	-	-	-	-	-	-	14,532,181
501	Fleet Maintenance	9,933,236	-	-	(318,076)	-	-	-	-	-	-	-	9,615,160
510	Insurance Claims & Reserves	3,714,231	-	-	(65,189)	-	-	-	-	-	-	-	3,649,042
511	Medical Self Insurance	34,128,975	-	-	110,814	-	-	-	-	-	-	-	34,239,789
512	Worker's Compensation	4,802,738	-	-	(384,966)	-	-	-	-	-	-	-	4,417,772
520	Information Technology	23,103,404	-	-	70,551	-	-	-	-	-	-	-	23,173,955
		\$ 795,179,696	\$ 1,000,000	\$ 1,530,000	\$ 29,577,073	\$ 3,961,110	\$ 5,600,000	\$ 1,800,000	\$ 31,222,940	\$ 728,314	\$ 19,129,684	\$ 25,236,000	\$ 914,964,817

Notes: Ordinance #3026 establishing the 2021-2022 budget was approved by Council on December 10, 2020.
Ordinances #3041 and 3042 amending the 2021-2022 budget were approved by Council on July 20, 2021.
Ordinances #3045, 3046, 3047, 3048, 3049, 3050, and 3051 amending the 2021-2022 budget were approved by Council on August 17, 2021.



Memorandum

Date: 11/1/2021

Meeting of: Committee of the Whole - Parks and Human Services

File No. CM 21-590

Type: Committee Memo

TO: Committee of the Whole - Parks and Human Services

FROM: Mayor Angela Birney

DEPARTMENT DIRECTOR CONTACT(S):

Planning and Community Development	Carol Helland	425-556-2107
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DEPARTMENT STAFF:

Planning and Community Development	Beverly Mesa-Zendt	Deputy Director
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TITLE:

Review Revised Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission on the Interim Official Control (IOC) Ordinance No. 3059

OVERVIEW STATEMENT:

Council approved IOC Ordinance No. 3059 on August 17, 2021, and timely held a public hearing on October 5, 2021. Although findings of fact were included in the IOC ordinance, the Council requested a Study Session to consider Supplemental Findings that captured the new information, public comment, and testimony received following adoption of the IOC. Council directed staff to revise the Draft Supplemental Findings of Fact, Conclusions and Transmittal Guidance to the Planning Commission during its Study Session on October 26, 2021. In preparation for approval at the November 1 Special Meeting, Revised Draft Supplemental Findings are included as Attachment A for City Council review during the Parks and Human Services Committee of the Whole.

☒ **Additional Background Information/Description of Proposal Attached**

REQUESTED ACTION:

☐ **Receive Information** ☒ **Provide Direction** ☐ **Approve**

REQUEST RATIONALE:

- **Relevant Plans/Policies:**
Revised Code of Washington (RCW), ESSHB 1220, Comprehensive Plan, Human Services Strategic Plan, Housing Action Plan, and Community Strategic Plan.
- **Required:**
IOC Ordinance No. 3059 was required to align City regulations with the preemption adopted by ESSHB 1220, which became effective on July 25, 2021. Permanent regulations will finalize the city's efforts to comply with state law. The Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission will inform development of the permanent regulations.
- **Council Request:**
Following the Study Session on October 26, 2021, Council directed staff to revise the Draft Supplemental

Findings of Fact, Conclusions and Transmittal Guidance to the Planning Commission for review at the Parks and Human Services Commission Committee of the Whole meeting. The final document is scheduled for approval by the City Council and transmittal to the Planning Commission during the November 1 Special Meeting.

- **Other Key Facts:**

On May 12, ESSHB 1220 was signed into law and went into effect on July 25, 2021. In part, the bill amends several sections in the Growth Management Act, chapter 36.70A RCW, and the Code City provisions, chapter 35A.21 RCW, to require cities to implement the following mandates:

- i. Effective July 25, 2021, permanent supportive housing and transitional housing shall not be prohibited in any zone where residential dwellings or hotels are allowed; and
- ii. Effective September 30, 2021, indoor emergency housing and indoor emergency shelters shall not be prohibited in any zone where hotels are allowed.

Although these types of land uses were allowed in many zones under the Redmond Zoning Code (RZC), the RZC does not define nor clarify the provisions through which permanent supportive housing, transitional housing, indoor emergency housing, and indoor emergency shelters are mandated consistent with ESSHB 1220 requiring some amendments to current regulations in the RZC. IOC Ordinance No. 3059 was adopted to address the new state preemption.

OUTCOMES:

In approving the Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission, the Council advances and supports the development of more comprehensive and responsive permanent regulations to implement the preemption adopted by ESSHB 1220.

Adoption of permanent regulations will ensure substantial compliance with the requirements of state law as adopted under ESSHB 1220 and assist the city to responsibly meet its state required jurisdictional targets for permanent supportive housing, transitional housing, and emergency shelters and housing.

COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:

- **Timeline (previous or planned):**

Public involvement commenced in August 2021 and will continue until ordinance adoption, which is anticipated in March 2022.

- **Outreach Methods and Results:**

- Public notices for City Council Meetings and Planning Commission Meetings
- SEPA Notice and Request for Comments
- Public Hearing 10-5-21
- Email Distribution Lists

- **Feedback Summary:**

Feedback to date is more fully described in Attachment A: Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission.

BUDGET IMPACT:

Total Cost:

There is no fiscal impact associated with this proposed amendment to the Redmond Zoning Code. Staff working on this

amendment are funded through the adopted budget.

Approved in current biennial budget: ☐ Yes ☐ No ☒ N/A

Budget Offer Number:

000250-Community and Economic Development

Budget Priority:

Vibrant and Connected

Other budget impacts or additional costs: ☐ Yes ☐ No ☒ N/A

If yes, explain:

N/A

Funding source(s):

General Fund

Budget/Funding Constraints:

N/A

☐ Additional budget details attached

COUNCIL REVIEW:

Previous Contact(s)

Date	Meeting	Requested Action
8/17/2021	Business Meeting	Approve
10/5/2021	Business Meeting	Receive Information
10/26/2021	Study Session	Provide Direction

Proposed Upcoming Contact(s)

Date	Meeting	Requested Action
11/1/2021	Special Meeting	Approve

Time Constraints:

The Planning Commission is scheduled to begin its consideration of permanent regulations on November 3, 2021. Council guidance to the Planning Commission should be adopted no later than the November 1 for the information to be available when the Planning Commission initiates its work.

ANTICIPATED RESULT IF NOT APPROVED:

If supplemental findings of fact are not adopted by the City Council, the Planning Commission will work with the findings included in IOC Ordinance No. 3059 and the record that has been developed to-date.

ATTACHMENTS:

Attachment A: Revised Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission

Supplemental Findings, Conclusions, and Transmittal Guidance to the Planning Commission/Revised

I. Findings of Fact

1. **RCW 82.14.530 Sales and use tax for housing and related services (HB 1590).** A statewide measure, HB 1590, granted county jurisdictions the authority to impose a 0.1% sales tax to fund the construction or acquisition of affordable housing, which may include emergency, transitional, and supportive housing. On October 13, 2020, the Metropolitan King County Council voted to enact a 0.1% sales tax increase to fund permanent supportive housing for the chronically homeless via an emergency ordinance. Under RCW 82.14.530, the King County may impose the tax authorized under subsection (a)(ii) only if the County plans to spend at least thirty percent of the moneys collected under this section, that are attributable to taxable activities or events within any city with a population greater than sixty thousand, within that city's boundaries.
2. **Engrossed Second Substitute House Bill (ESSHB) 1220 – Zoning Mandates.** On May 12, ESSHB 1220 was signed into law and went into effect on July 25, 2021. In part, the bill amends several sections in the Growth Management Act, chapter 36.70A RCW, and the Code City provisions, chapter 35A.21 RCW, to require cities to implement the following mandates:
 - i. Effective July 25, 2021, permanent supportive housing and transitional housing shall not be prohibited in any zone where residential dwellings or hotels are allowed; and
 - ii. Effective September 30, 2021, indoor emergency housing and indoor emergency shelters shall not be prohibited in any zone where hotels are allowed.
3. **ESSHB 1220 – Regional Share Requirements.** ESSHB 1220 further provides that jurisdictions must plan for the projected growth and accommodate the targets provided by the Department of Commerce. Specifically,
 - i. Units for moderate, low, very low, and extremely low-income households; and
 - ii. Emergency housing, emergency shelters, transitional housing, and permanent supportive housing.
4. **Jurisdictional Plans and Targets – Regional Share Requirements.** In March 2021, the City adopted a Housing Action Plan that provided a target range for housing provided at or below 30% AMI. In July 2021, the Growth Management Planning Council adopted jurisdictional targets for housing provided at or below 30% AMI, which includes units located in emergency housing, emergency shelters, transitional housing, and permanent supportive housing. Target ranges are as follows:
 - i. Housing Action Plan 2020-2040 Target Range 1602-2669.
 - ii. Countywide Planning Policies 2024-2044 Target Range 2984-4906 (approx. range pending finalization of the Comprehensive Plan Housing Element).

4.5. **Redmond Zoning Code.** Although these types of land uses were allowed in many zones under the Redmond Zoning Code (RZC), the RZC does not define nor clarify the provisions through which

permanent supportive housing, transitional housing, indoor emergency housing, and indoor emergency shelters are mandated consistent with ESSHB 1220 requiring some amendments to current regulations in the RZC.

5.6. Interim Zoning Controls. On August 17, 2021, Council unanimously adopted Ordinance No. 3059 imposing an Interim Official Control (IOC) to amend portions of the RZC to align City shelter regulations with state adopted definitions and to implement the preemption adopted by ESSHB 1220 that allows Permanent Supportive Housing and Transitional Housing in all zoning districts where residential dwellings and/or hotels are allowed, and indoor Emergency Housing and indoor Emergency Shelters in all zoning districts where hotels are allowed, for conformance and consistency with state law.

6.7. Public Hearing and Community Input. In accordance RCW 36.70A.390, a public hearing was held on October 5, 2021. Emails have also been submitted and comments have been made at City Council Business Meetings related to the IOC. Public input has centered less on the terms of the IOC and more on the details of a permanent supportive housing facility proposed by King County under the Health Through Housing (HtH) program in the Overlake Urban Center of Redmond. The HtH program is described in greater detail below. Testimony and community input have focused on the following:

- i. Public safety considerations relating to illegal use of drugs at the proposed permanent supportive housing facility.
- ii. Public safety considerations related to potential resident sex offenders residing at the proposed permanent supportive housing facility.
- iii. Public safety considerations related to the proximity of the proposed facility to schools, daycares, and neighborhoods.
- iv. Public safety considerations related to increased crime in the area and lack of background checks.
- v. Concerns that the proposed facility will only serve chronically homeless populations suffering from mental illness and drug addiction rather than homeless families.
- vi. Questions regarding the need for facilities in Redmond to serve chronically homeless populations.
- vii. Concerns that the facility will import chronically homeless populations from areas outside the Eastside and not serve the City's homeless community members.
- viii. Public concerns about safety and security.
- ix. Regulatory alignment with Bellevue code requirements governing Homeless Services Uses was urged by Bellevue residents commenting in the HtH project at the Silver Cloud Hotel.
- x. Lack of transparency in King County's acquisition of a hotel in Redmond to establish a permanent supportive housing use.
- xi. General support for the ordinance and for the King County HtH acquisition of the Silver Cloud Hotel as an important step to address the needs of the chronically homeless in our region.

7.8. Health through Housing Community Input. Public comments were received by King County in response to the recent acquisition of the Silver Cloud Hotel, which is intended to be utilized as part of the County's HtH Implementation Plan. The Silver Cloud Hotel is located in one of Redmond's two designated urban centers. It was acquired by the County because the urban center is an area rich with

transit, employment, and supportive service opportunities. The Silver Cloud Hotel building is also configured to support safety and security needs for future residents and the surrounding community. Input on the Silver Cloud Hotel acquisition was provided at a Town Hall meeting held on September 2, 2021, with County Councilmember Claudia Balducci as well as in other submittals. A summary list of community suggestions received by the County on the HtH program was presented to the Redmond City Council during a presentation by County staff on October 5, 2021, and is provided below with City Council emphasis added.

- i. 24/7 Staffing
- ii. Onsite Substance Use Treatment
- iii. Employment and Housing Assistance
- iv. Building and Property Conditions
- v. Need for Security Cameras
- vi. Partnerships and Impact with First Responders
- vii. Increased Communication
- viii. Neighborhood Advisory Group
- ix. Applicant Screening and Preparation of Residents for Housing
- x. Observing Laws on Sex Offender Registration Requirements
- xi. Connections to Local Human Service Providers
- xii. Ability to Help People Experiencing Chronic Homelessness In and Near Redmond
- xiii. Need for Controlled Access
- xiv. Safety In and Around the Housing
- xv. Code of Conduct
- xvi. Privacy Fencing
- xvii. Concerns About Enabling vs. Treatment
- xviii. Ensuring Food Access
- xix. How Quickly Occupancy Will Increase
- xx. Operator Responsiveness

II. Conclusions

1. **ESSHB 1220 Substantial Compliance.** In adopting IOC Ordinance No. 3059, the City ensured substantial compliance with the requirements of ESSH 1220.
2. **RCW 82.14.530 (HB 1590) Funding Utilization.** In adopting IOC Ordinance No. 3059, the City facilitates effective utilization of certain funds authorized under RCW 82.14.530 which are mandated to be spent within the Redmond jurisdictional boundaries.
3. **Shelter and Transitional, and Permanent Supportive Housing Jurisdictional Targets.** IOC Ordinance No. 3059 furthers the City's compliance with state mandates by ensuring that the city can responsibly address Redmond's share of regional homelessness and maximize the impact and effective utilization of

HB 1590 funding to meet targets adopted in the Housing Action Plan, the Countywide Planning Policies, and state mandated targets anticipated from the Department of Commerce next year.

4. **Addressing Local Homeless Needs.** IOC Ordinance No. 3059 assists Redmond in addressing local homelessness needs. The City of Redmond's Homeless Outreach Administrator works directly with unsheltered individuals in Redmond to find housing and connect them with needed resources. She has provided the following information.
 - i. **Redmond Needs.** On average, the Administrator serves 180 clients/year. Based on the Administrator's review of the eligibility criteria for HtH units, she has identified not less than 48 clients who could be referred to these units of permanent supportive housing.
 - ii. **Bellevue Needs.** The City of Bellevue's outreach professional anticipates that not less than 40 clients would be eligible. These estimates do not include clients served in local emergency shelters.
 - iii. **Eligibility for Health through Housing.** RCW 82.14.530 and KCC chapters 4A.503 and 24.30 combine to define and prioritize which persons are eligible to live in HtH funded projects.
5. **Consistency with the Comprehensive Plan and City Vision.** The IOC Ordinance No. 3059 provisions are tailored to be consistent with the Redmond Community Vision contained within the Comprehensive Plan and the Redmond value as a welcoming city. The IOC regulations:
 - i. Are scalable and can be modified and adjusted based on the zoning district context and the intensity of the proposed use (i.e., shelter, transitional, and permanent supportive).
 - ii. Limit density with flexibility to impose increased mitigation as occupancy is increased.
 - iii. Impose spacing requirements between shelter, transitional and permanent supportive uses to avoid use concentrations.
 - iv. Require an occupancy agreement that addresses safety and security including:
 - The use or sale of alcohol and illegal drugs;
 - Threatening or unsafe behavior; and
 - Weapon possession.
 - v. Require the development of a safety and security plan to be reviewed and approved by the Redmond Police Department.
 - vi. Require a plan for potential impacts on nearby businesses and/or residences including a proposed mitigation approach (for example, a "Good Neighbor Agreement Plan").
 - vii. Require a description of eligibility for residency and a referral process.
6. **Public Input Considerations.** Existing protocols and protections that address community concerns for public safety and information and operate in concert with new regulations adopted under IOC Ordinance No. 3059.
 - i. **National Sex Offender Registry.** Required compliance for all sex offenders to be registered with the National Sex Offender Registry and comply with applicable state and federal law.
 - ii. **Interdepartmental and Interjurisdictional Coordination.** Proactive coordination between Redmond Police Department, Homeless Outreach Administrator, and King County Human Services representatives, and surrounding cities.
 - iii. **City Mental Health Professional.** Continued involvement of a licensed Mental Health Professional (MHP) to co-respond with police officers and fire fighters to calls for service

that could benefit from social service connections, referrals, de-escalation, and assessment for behavioral health concerns.

7. **King County Health through Housing.** Programmatic components that address community concerns for safety include:

- i. **24-hour staff at facilities.**
- ii. **Resident Selection.** Resident eligibility and selection will be informed by multiple information systems in place including:
 - Homeless Management Information System (HMIS)
 - Veterans Data System
 - Behavioral Health Information System
 - Local Outreach Staff in Redmond, Bellevue, and Kirkland
- iii. **Designated Crisis Responders.** Available 24 hours a day, 365 days a year.
- iv. **Tenant Code of Conduct.** Requirement that residents sign and observe a Tenant Code of Conduct, or be moved to an alternative facility, that includes:
 - Good neighbor clause requiring residents to agree that they intend to be a good neighbor to both other residents and the community.
 - Behavioral expectations – clearly identified behaviors that will result in removal or suspension include, but are not limited to, violent behavior, property destruction, failure to comply with local, state, or federal law.

III. Transmittal Guidance to the Planning Commission for Review of Ordinance No. 3059

1. Spacing Considerations:

- i. Consider whether separation requirements can be expanded without precluding Redmond's ability to accommodate its targets for moderate, low, very low, and extremely low-income households, emergency housing, emergency shelters, transitional housing, and permanent supportive housing.

1.2. Occupancy Agreement Considerations:

- i. Consider a requirement that no shelter, transitional, or permanent supportive housing use may also be a designated supervised/safer consumption site (SCS), supervised/safer injection facility (SIF), or supervised/safer injection service (SIS), broadly classified as Community Health Engagement Locations (CHELs) under King County Department of Community and Human Services and King County Public Health.
- ii. ~~Consider whether separation requirements can be added without precluding Redmond's ability to accommodate its targets for moderate, low, very low, and extremely low-income households, emergency housing, emergency shelters, transitional housing, and permanent supportive housing.~~
- ii. Consider clarifying how the City Council will be involved in the approval of occupancy agreements.
- iii. Identify outreach opportunities that facilitate input from individuals with lived experience in homelessness during the development of required occupancy agreements.

- iv. Consider a requirement that the prior experience and success of the operator is clearly addressed in the occupancy agreement.
- ~~iii-v.~~ Consider allowing partnerships between multiple operators and providers as a mechanism to offer levels of service needed to support the proposed resident population.
- vi. Consider a requirement to maintain minimum staffing levels.

— **3. Process Clarity.** Address process clarity in the siting of permanent supportive housing, transitional housing, emergency housing, and emergency shelters.

4. Periodic Review and Evaluation. Provide for a periodic review and adjustment of regulations if needed.

5. Redmond Appropriate. Ensure any permanent ordinance is Redmond-appropriate and reflects the values and vision of the Redmond community as expressed in the Comprehensive Plan, Community Strategic Plan, Human Services Strategic Plan, Housing Action Plan, and City values of welcoming.