

# City of Redmond



## Agenda Study Session

**Tuesday, May 10, 2022  
7:00 PM**

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

## **City Council**

*Mayor  
Angela Birney*

*Councilmembers  
Jessica Forsythe, President  
Vanessa Kritzer, Vice President  
Jeralee Anderson  
David Carson  
Steve Fields  
Varisha Khan  
Melissa Stuart*

**Redmond City Council Agendas, Meeting Notices, and Minutes are available on the City's Web  
Site: <http://www.redmond.gov/CouncilMeetings>**

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Please contact the City Clerk's office at (425) 556-2194 one week in advance of the meeting.**

## AGENDA

### ROLL CALL

1. Public Safety Funding Plan Briefing

*Departments: Executive, Police, Fire, Finance, 60 minutes*

*Requested Action: Public Safety and Human Services  
Committee of the Whole, May 17th*

[Attachment A: Public Safety Funding Plan Presentation](#)

[Attachment B: Public Safety Survey Topline Results](#)

[Attachment C: Let'sConnect Questionnaire Summary](#)

2. Redmond 2050 Quarterly Update - Second Quarter 2022

*Department: Planning and Community Development, 60  
minutes*

*Requested Action: Study Session, May 24th*

[Attachment A: Study Session Slides](#)

[Attachment B: Council Questions and Input](#)

**Legislative History**

5/3/22

City Council

referred to the City Council Study Session

3. Pavement Preservation Program Update

*Department: Public Works, 45 minutes*

*Requested Action: Informational*

[Attachment A: Presentation](#)

**Legislative History**

4/5/22

Committee of the Whole -  
Planning and Public Works

referred to the City Council

4. Council Talk Time

*10 minutes*

### ADJOURNMENT



## Memorandum

**Date:** 5/10/2022  
**Meeting of:** City Council Study Session

**File No.** SS 22-034  
**Type:** Study Session

**TO:** Members of the City Council  
**FROM:** Mayor Angela Birney  
**DEPARTMENT DIRECTOR CONTACT(S):**

Executive	Malisa Files	425-556-2166
Police	Darrell Lowe	425-556-2529
Fire	Adrian Sheppard	425-556-2201
Finance	Chip Corder	425-556-2189

**DEPARTMENT STAFF:**

Executive	Lisa Maher	Executive Deputy Director
Executive	Jill Smith	Communications and Marketing Manager

**TITLE:**  
Public Safety Funding Plan Briefing

**OVERVIEW STATEMENT:**

The purpose of the Public Safety Funding Plan Briefing is to provide Council an overview of the Community outreach, program elements and next steps for the proposed property tax measure going to voters in November.

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

**REQUESTED ACTION:**

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

**REQUEST RATIONALE:**

- **Relevant Plans/Policies:**  
Community Strategic Plan, Fire and Police Functional Plans and the Comprehensive Plan.
- **Required:**  
The Revised Code of Washington (RCW) 84.55 outlines the steps that need to be taken in order to propose a property tax levy in excess of property tax limitations.
- **Council Request:**  
N/A
- **Other Key Facts:**  
The need for a future investment in the public safety services funded by the 2007 was discussed during the 2021

-2022 budget deliberations as expenditures continue to outpace revenues. In addition, the Public Safety Initiative in the Community Strategic Plan calls for increased support for mobile integrated health and mental health professionals to augment traditional police and fire services and to build out a public safety system that will meet future City needs.

#### **OUTCOMES:**

The briefing on the Public Safety Funding Plan will include:

- An overview of community input, that has been gathered so far, through the City's Public Safety Sounding Board, a statistically valid survey, a community meeting and a Let'sConnect questionnaire.
- A briefing of the Public Safety Funding Plan elements and changes to the Plan based on community feedback.
- A timeline and next steps.

Staff will continue to update Council May through July on other community feedback received as well as discuss the funding plan elements. The City Council is required to act on a proposed ballot measure by August 2, 2022, for the November ballot. Other steps that need to be taken on the proposed measure is to form a pro and con committee made up of community members, craft an explanatory statement for the voter's pamphlet and prepare various future communications.

#### **COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:**

- **Timeline (previous or planned):**  
Public Safety Sounding Board - January through May 2022  
Public Safety Survey - February 2022  
Community meeting - April 4, 2022  
Let'sConnect questionnaire - March through April 2022  
Meetings with community groups and boards and commissions - April - June 2022
- **Outreach Methods and Results:**  
The results of the outreach methods will be discussed at the Study Session on May 10, 2022. Also, included as attachments are the top line results for the Public Safety Community Survey and the Let'sConnect questionnaire.
- **Feedback Summary:**  
Priorities we have heard from the community include:
  - Invest in public safety to keep pace with the growth in Redmond
  - Invest in mental health and mobile integrated health as alternatives to traditional police and fire services
  - Overall support for the City's police and fire services and a potential public safety funding plan.

#### **BUDGET IMPACT:**

##### **Total Cost:**

The total revenue anticipated from the potential property tax levy lid lift is \$10.4 million annually. The total amount equates to a property tax increase of \$0.34 increase per \$1,000 of assessed valuation on a median priced home of \$1 million or \$340 per year.

**Approved in current biennial budget:**

☐ **Yes**

☐ **No**

☒ **N/A**

**Budget Offer Number:**

N/A

**Budget Priority:**

Safe and Resilient

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

**If yes, explain:**

N/A

**Funding source(s):**

Property tax levy lid lift

**Budget/Funding Constraints:**

N/A

☐ Additional budget details attached

**COUNCIL REVIEW:**

**Previous Contact(s)**

Date	Meeting	Requested Action
2/25/2022	Committee of the Whole - Public Safety and Human Services	Receive Information
3/15/2022	Committee of the Whole - Public Safety and Human Services	Receive Information
4/19/2022	Committee of the Whole - Public Safety and Human Services	Receive Information

**Proposed Upcoming Contact(s)**

Date	Meeting	Requested Action
5/17/2022	Committee of the Whole - Public Safety and Human Services	Receive Information
6/21/2022	Committee of the Whole - Public Safety and Human Services	Receive Information
6/28/2022	Study Session	Receive Information
7/12/2022	Study Session	Receive Information
7/19/2022	Business Meeting	Approve

**Time Constraints:**

A resolution placing the Public Safety Funding Plan on the ballot for the November 8, 2022, election must be approved by Council by July 19, 2022 or August 2, 2022.

**ANTICIPATED RESULT IF NOT APPROVED:**

If not approved, the Public Safety Funding Plan would not be placed on the ballot in November. A part of the funding plan is to reinvest in the services supported by the 2007 levy lid lift. Since the expenditures for those services is exceeding revenues, the City would need to absorb additional costs into the General Fund. Additionally, there would be no increases in police and fire services including the non-traditional services of mobile integrated health and mental health professionals assisting the Police Department.

**ATTACHMENTS:**

Attachment A: Public Safety Funding Plan Presentation  
Attachment B: Top Line Results for Public Safety Community Survey  
Attachment C: Results of Let'sConnect Questionnaire

# Public Safety Funding Plan

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May 10, 2022

Malisa Files, Chief Operating Officer

Ian Stewart, EMC Research

Darrell Lowe, Police Chief

Adrian Sheppard, Fire Chief

Chip Corder, Finance Director



# Purpose



- Overview of community involvement process
- Update to draft Redmond Safety Funding Plan
- Next steps



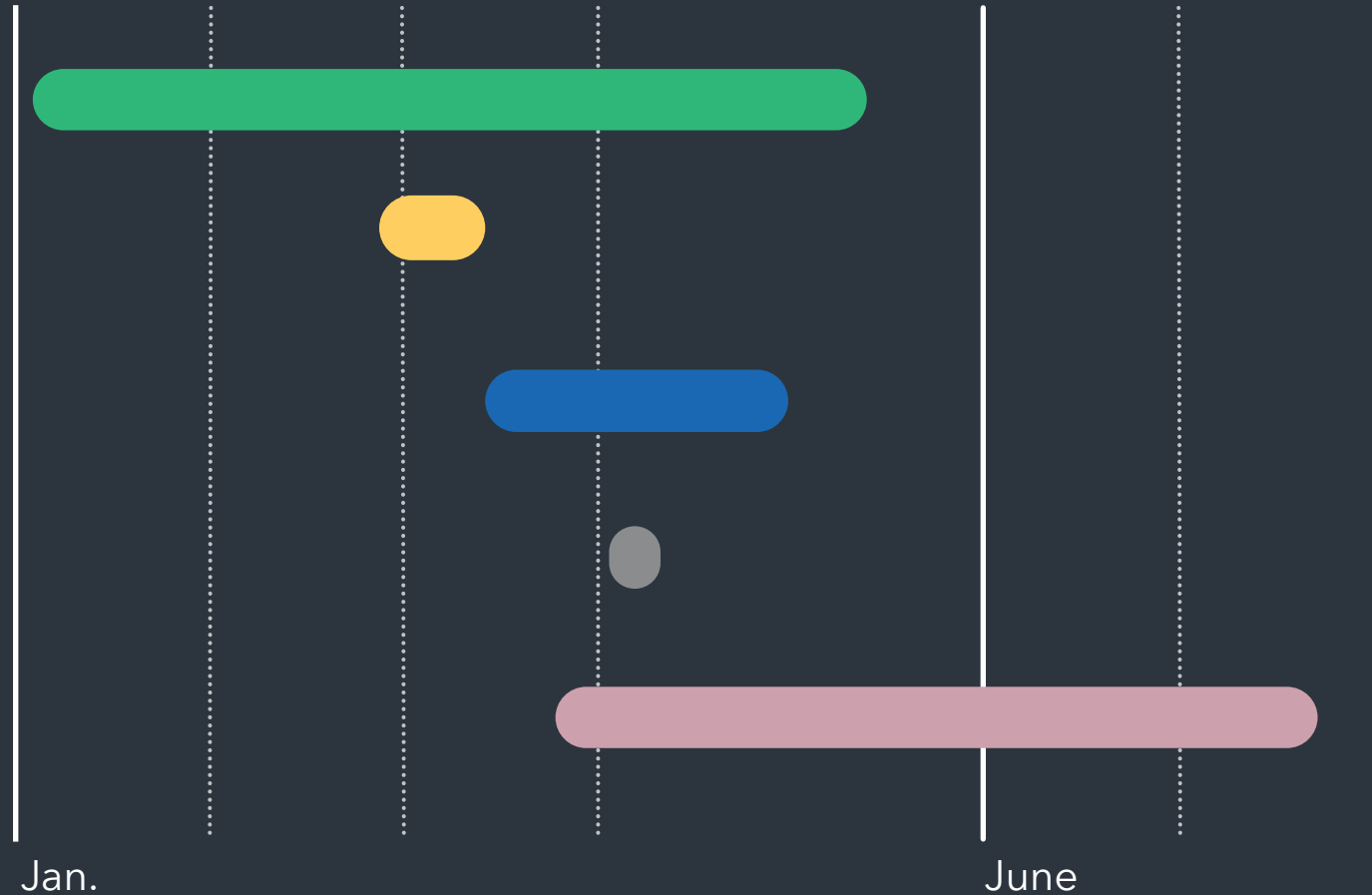


# Community Outreach

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# Community Outreach and Involvement

- Sounding Board**  
January - May 2022
- Telephone survey**  
February - mid-March
- Community feedback**  
March 21 - April 30, 2022
- Community meeting**  
April 4, 2022
- Community-based organization briefings**  
Late March to summer 2022



# Community Survey

*Information that the measure will fund body-worn cameras and an additional mental health officer resonate the most strongly with the community. Themes around keeping up with the growing population resonate widely.*

**Fund body worn cameras** to maintain transparency and accountability

**Increase Mental Health Professional staffing** at Redmond Police Department

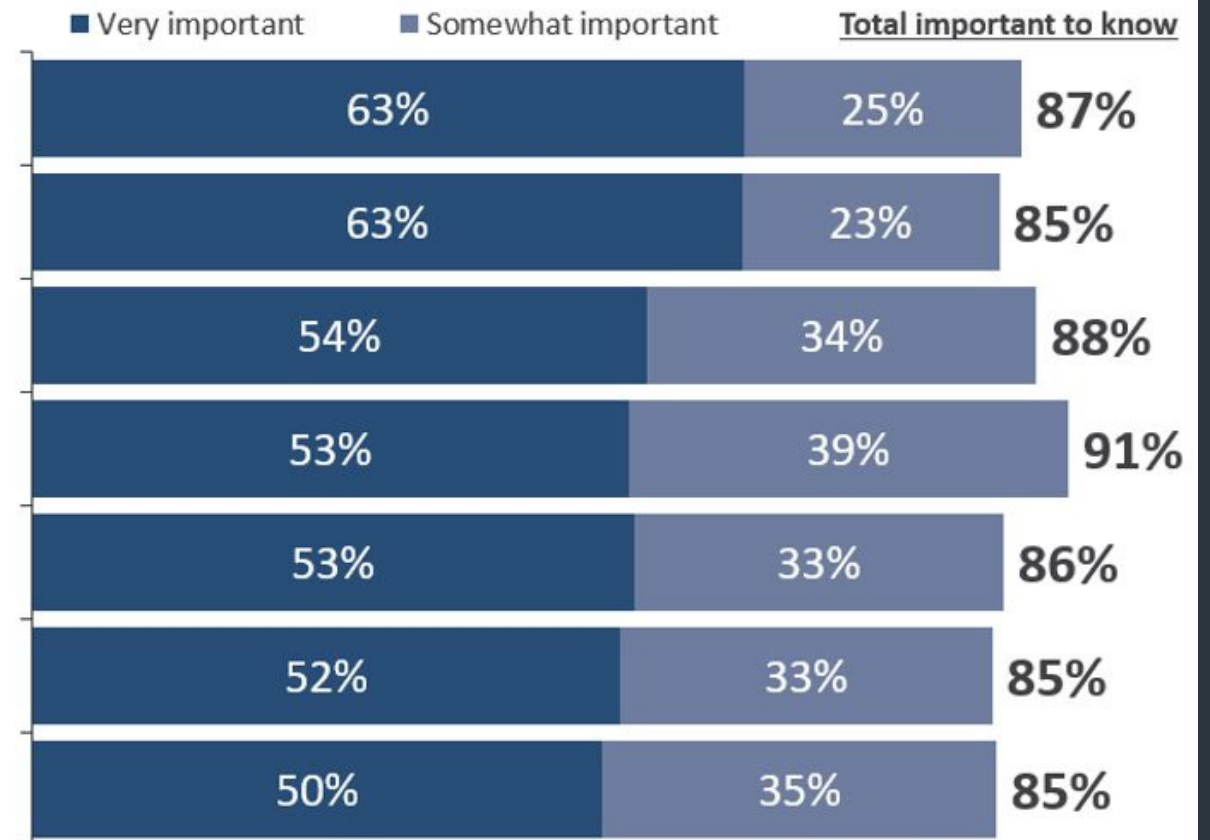
Redmond has grown, but police personnel has not; **increase police staff to support city's growth**

Additional firefighters are needed to maintain response times; **increase firefighting staff to support city's growth**

Growth and development will accelerate with arrival of Light Rail; this plan will **increase staff to keep pace with growth**

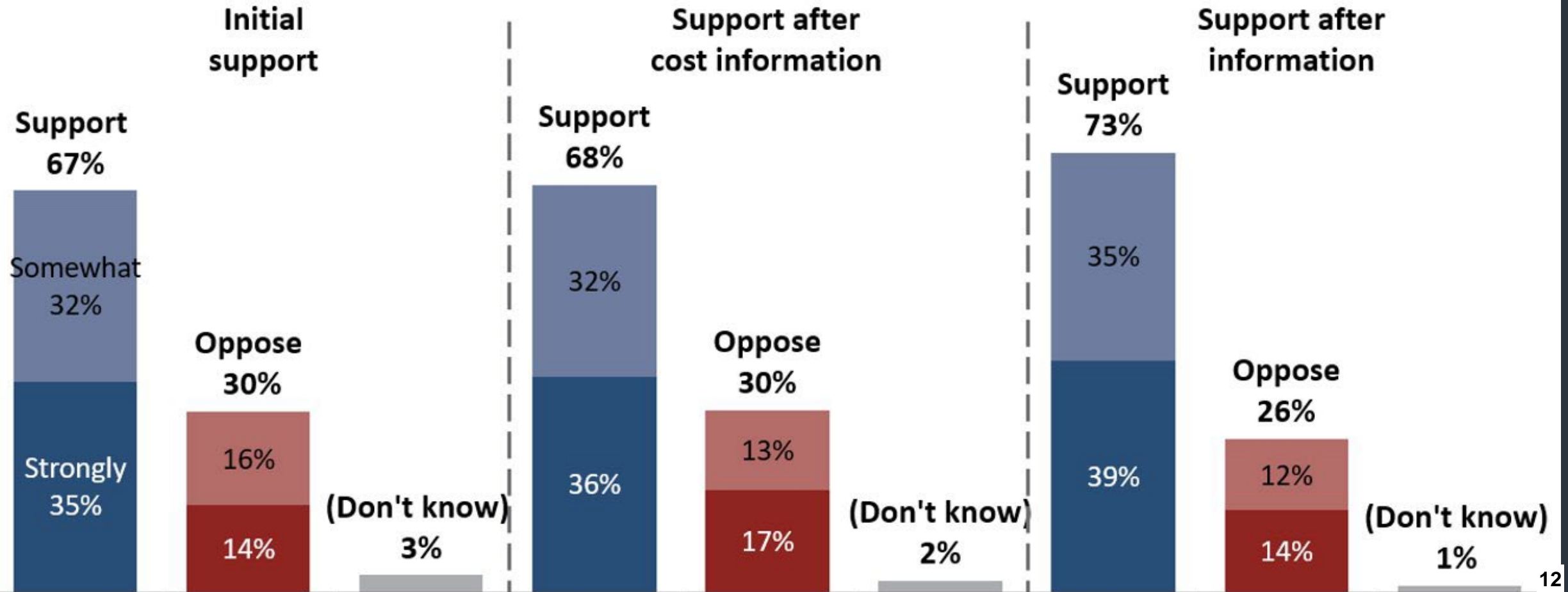
Diversify emergency response capabilities by **expanding Mobile Integrated Health**

Levy funding from 2007 can't support the same services it once did; this plan will **restore the same level of service**

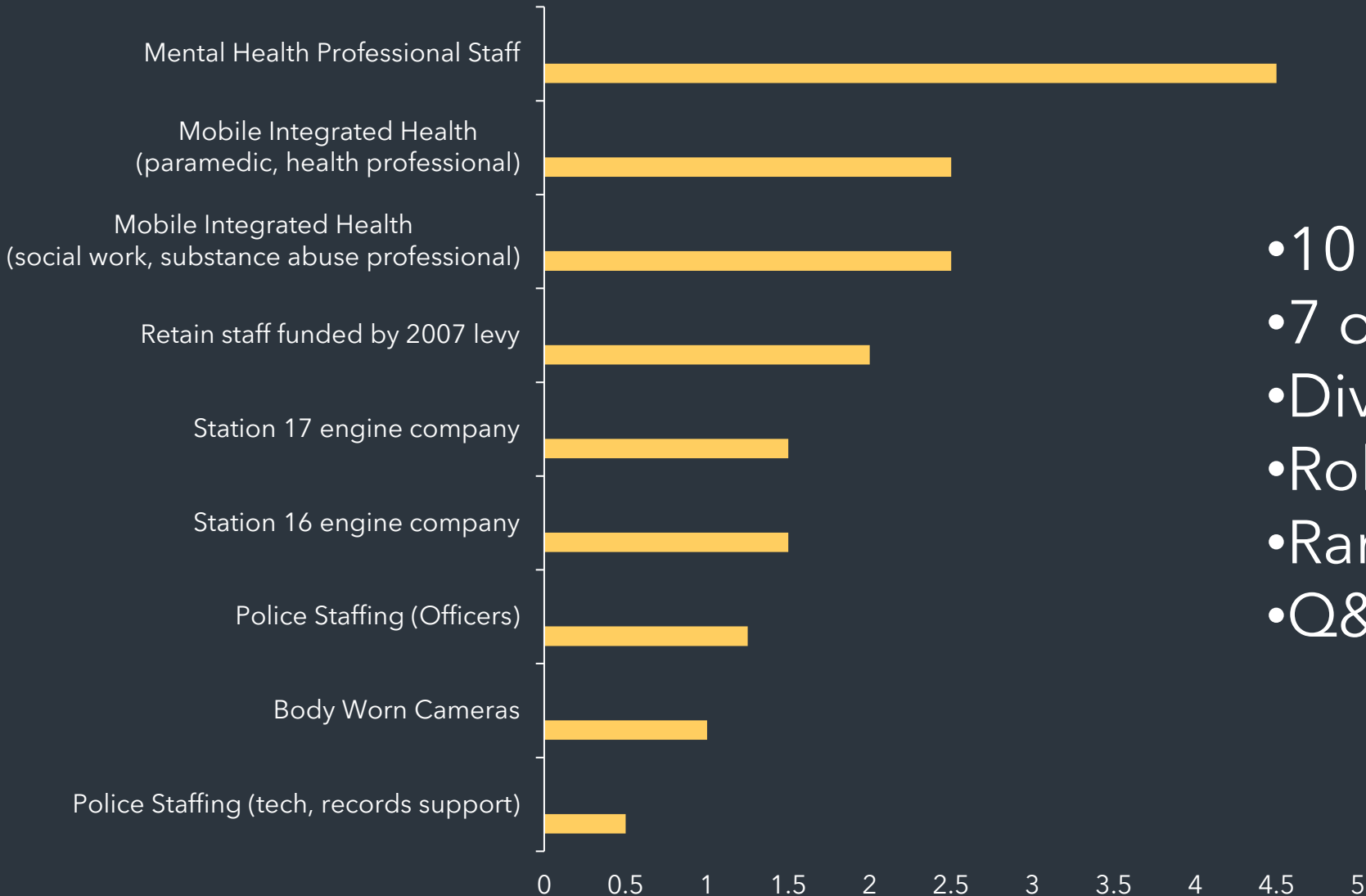


# Community Survey

*Information on the components that the potential measure would fund has a small positive impact on support.*



# Community Sounding Board



- 10 community volunteers
- 7 online meetings
- Diverse perspectives
- Robust feedback
- Ranking exercises
- Q&A

# Community Feedback

262 provided feedback via:

- Online questionnaire
- Paper questionnaire
- Translated questionnaire

Highest priorities:

- Keeping pace with growth
- Retaining current staff
- Increasing mental health responders and Mobile Integrated Health capacity







# Community Meeting

## Q&A themes:

- Mental health response
- Body worn cameras
- School resource officers
- Number of engine companies
- Funding via levy or general budget

# Plan Changes Based on Feedback



## Who we heard from

Sounding Board  
400 voters  
262 community members  
Community meeting  
Organizations



## What we heard

Recruit more mental health staff  
Keep pace with growth  
Address safety needs



## Changes made

Increase mental health staffing  
and response capacity





# Plan Elements

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# Draft Plan: Fire

**Mobile Integrated Health:** Increase reliability of emergency services and reduce 911 calls

Increase hours from 40/week to 84/week

Annual cost: \$360,000

**Keep up with growth:** Improve response times and expand coverage

Hire 17 firefighter FTEs

Annual cost: \$2.9 million

**Reinvest in public safety:** Staffing

Retain 18 firefighters funded by 2007 levy





# Draft Plan: Police

**Grow successful partnerships:** With mental health professionals

Hire 6 FTEs (mental health staff)

Annual cost: \$688,000

**Keep up with growth:** Increase staffing

Hire 12 FTEs (commissioned and civilian)

Annual cost: \$1.98 million

**Increase transparency and accountability**

Fund body worn camera program beyond 2025

Annual cost: \$935,000



# Reinvestment in Public Safety



## **Fire Department Staffing**

Retain 18 firefighters funded by 2007 levy

## **Police Department Staffing**

Retain 17 police personnel funded by 2007 levy

**Total Cost: \$3.5 million**

# Draft Plan Total Cost



**\$0.34** property  
tax increase  
per \$1,000  
assessed valuation

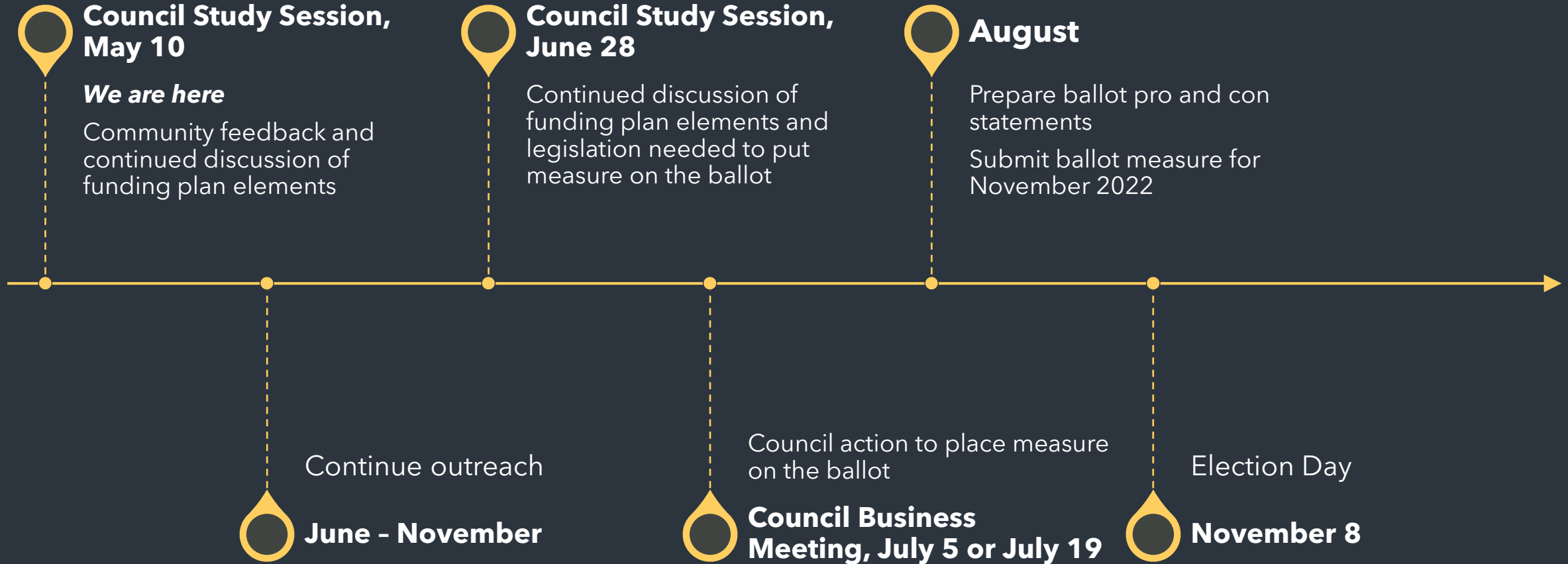
Generating **\$10.4  
million** per year

Cost to average  
homeowner\*:  
**\$28.33** a month  
(**\$340** a year)

# Levy Funding Mechanism Options

Levy Lid Lift Options	6 Year Levy (Annual Inflator Tied to CPI)	Permanent Levy (Annual Inflator Tied to CPI)	Permanent Levy (Annual Inflator Limited to 1%)
<b>Description</b>	<p>The 1% annual growth limit can be exceeded for 6 years</p> <p>The annual inflator must be explicitly stated in ballot measure</p>	<p>The 1% annual growth limit can be exceeded for 6 years; thereafter, subsequent increases are limited to 1% per year</p> <p>The annual inflator must be explicitly stated in ballot measure</p>	<p>Following the first year of the levy, the annual growth is limited to 1% per year</p>
<b>Restrictions</b>	Cannot supplant existing funds	Cannot supplant existing funds	No supplanting restrictions
<b>Voter Approval</b>	Simple majority	Simple majority	Simple majority
<b>Upsides</b>	<p>The levy can keep pace with inflation for 6 years</p> <p>The annual inflator applies to City's <u>total</u> property tax levy</p>	<p>The levy can keep pace with inflation for 6 years</p> <p>The annual inflator applies to City's <u>total</u> property tax levy</p> <p>If approved by voters, the levy is permanent</p>	<p>If approved by voters, the levy is permanent</p>
<b>Downsides</b>	The levy needs to be renewed every 6 years	The purchasing power of the levy declines after year 6	The purchasing power of the levy declines after year 1

# Next Steps





# Thank You

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Any Questions?







City of Redmond  
Mixed Mode Live Telephone and Email-/Text-to-Web Survey  
Conducted March 2-10, 2022  
n=400; Margin of Error  $\pm 4.9$  percentage points  
EMC Research #22-8337

*All numbers in this document represent percentage (%) values, unless otherwise noted.  
Please note that due to rounding, percentages may not add up to exactly 100%.*

**GREETING:** Hello, my name is \_\_\_\_\_, may I speak with **(NAME ON LIST)**?

**INTERVIEWER: NOL ONLY**

**INTRO:** Hello, my name is \_\_\_\_\_, and I'm conducting a survey for \_\_\_\_\_ to find out how people feel about issues in the City of Redmond. We are not trying to sell anything, and are collecting this information on a scientific and completely confidential basis.

1. Do you feel that things in Redmond are generally going in the right direction or do you feel things have gotten pretty seriously off on the wrong track?
- |                      |    |
|----------------------|----|
| Right direction      | 63 |
| Wrong track          | 31 |
| (Don't know/Refused) | 6  |

2INT. Next is a list of priorities the City of Redmond could focus on. Please rate each item using a scale of 1 to 7, where 1 means you feel that item should be a very low priority for and 7 means that you feel that item should be a very high priority.

		Very low priority				Very high priority		(Don't know)	Mean	
SCALE:		1	2	3	4	5	6	7		
(RANDOMIZE)										
2.	Managing growth in Redmond	3	2	7	10	16	17	44	1	5.6
3.	Reducing traffic congestion	5	4	10	16	23	16	26	0	5.0
4.	Ensuring housing is affordable in Redmond	7	5	5	13	17	14	39	0	5.3
5.	Improving police and fire response times	8	5	6	14	21	16	28	2	5.0
6.	Hiring more police officers and firefighters to serve Redmond	6	5	11	16	18	16	27	1	5.0
7.	Expanding crisis outreach teams to help people experiencing homelessness, substance abuse, or mental health crisis	8	6	10	9	16	16	35	0	5.0

**(END RANDOMIZE)**

8INT. I'm going to read you a list of several people and organizations. Please tell me if you have a strongly favorable, somewhat favorable, somewhat unfavorable, or strongly unfavorable opinion of each one. If you have never heard of one, please just say so.

SCALE:	Strongly favorable	Somewhat favorable	Somewhat unfavorable	Strongly unfavorable	(Don't know/ No opinion)	Never heard	Total Fav.	Total Unfav.
<b>(RANDOMIZE)</b>								
8. The Redmond Police Department (RPD)	46	38	7	4	3	2	84	11
9. Redmond police officers	48	35	8	3	4	2	83	11
10. The Redmond Fire Department (RFD)	67	23	1	0	4	4	90	1
11. Redmond firefighters	68	24	2	0	3	3	92	2
12. Redmond Emergency Medical Services (EMS)	57	28	1	1	4	9	85	2

**(END RANDOMIZE)**

13. How much, if anything, have you heard, read, seen, or experienced recently relating to policing or firefighting in Redmond; a lot, some, not too much, or nothing at all?

A lot	8	→ 40
Some	32	
Not too much	40	→ 59
Nothing at all	19	
(Don't know/Refused)	1	

(IF Q13 = 1-2, ASK Q14, n=172)

14. What have you heard, read, seen, or experienced? **(OPEN-ENDED QUESTION, VERBATIM RESPONSES CODED INTO CATEGORIES BELOW)**

General police issues / Practices / Cop activity	21
Community engagement / Neighborhood activity	19
Increase of crimes	15
Put out fires / Response to fire alarms / Firefighters	12
Quick response / emergency	10
General positive (help, excellent, etc.)	8
Lack of response / Unaccountability	6
A variety of things	6
Blogs / social media / website	6
Newspaper / Articles	5
Excessive force / Unprofessional	4
Understaffed / Underfunded	3
Other	11
Nothing / None	8
Refused / NA	7
Don't know / Unsure	1

**(RESUME ASKING EVERYONE)**

15. A proposal is being discussed relating to police and fire services. The proposal would expand the current Mobile Integrated Health program to help reduce the need for calling 911, invest in police and fire personnel and services to improve response times across the city, fund body cameras and additional fire engines; fund additional mental health staff to provide crisis intervention during police interactions. To pay for it, property taxes would be increased by thirty-eight cents (\$0.38) per thousand dollars of assessed valuation, up from the current one dollar (\$1.00) per thousand, generating eleven point sixty five (\$11.65M) million dollars a year.

In general, do you strongly support, somewhat support, somewhat oppose, or strongly oppose this proposal?

Strongly support	35	→ 67
Somewhat support	32	
Somewhat oppose	16	→ 30
Strongly oppose	14	
(Don't know)	3	

16. This proposal would cost the owner of a one million (\$1,000,000) dollar home, the average in Redmond, thirty-two dollars (\$32) a month, or three hundred and eighty (\$380) dollars a year. Knowing this do you strongly support, somewhat support, somewhat oppose, or strongly oppose this proposal?

Strongly support	36	→ 68
Somewhat support	32	
Somewhat oppose	13	→ 30
Strongly oppose	17	
(Don't know)	2	

17INT. Using a scale of excellent, good, only fair, or poor, please rate each of the following.

SCALE:	Excellent	Good	Only fair	Poor	(Don't know/NA)
<b>(ALWAYS ASK FIRST)</b>					
17. The job Redmond Police Department (RPD) is doing overall	25	44	14	3	14
18. The job Redmond Fire Department (RFD) is doing overall	39	39	6	0	15
<b>(RANDOMIZE)</b>					
19. The job Redmond Police Department (RPD) is doing responding to calls in a timely manner	21	32	12	4	31
20. The job Redmond Police Department (RPD) is doing preventing crime	14	33	24	8	21
21. The job Redmond Police Department (RPD) is responding to changing community safety needs like people experiencing homelessness, mental health challenges, and substance abuse	9	25	19	10	37
22. The job Redmond Fire Department (RFD) is doing is doing responding to calls in a timely matter	33	33	4	1	29
23. The job the Redmond Emergency Medical Services (EMS) responds to calls in a timely matter	34	31	4	2	29

**(END RANDOMIZE)**

24INT. Next, I'm going to read you some information about the potential proposal. After each one, please tell me how important you think that information is to know; very important, somewhat important, not too important, or not important at all.

SCALE:	Very important	Somewhat important	Not too important	Not at all important	(Don't know)
<b>(RANDOMIZE)</b>					
24.	A levy funding police and fire services was last approved in 2007. Since then, due to inflation, costs have gone up but revenue from the 2007 levy remained steady, so it can no longer support the same services. Renewing the levy will restore that same level of service in public safety programs.				
	50	35	6	6	3
25.	Redmond has grown, but police personnel has not. This proposal will add staff to the police force to support the safety needs of the city's growing population.				
	54	34	5	4	2
26.	Redmond's police force has just one mental health professional. This proposal will add another to respond with police officers, handle crisis intervention, and outreach to people experiencing homelessness, mental health challenges, and substance abuse, and to connect them with the right services.				
	63	23	5	7	2
27.	As the City grows, additional firefighting staff is needed to maintain response times. This proposal will allow the department to maintain fire protection and improve the flexibility and reliability of our emergency system.				
	53	39	2	4	2
28.	This proposal will diversify the emergency response capabilities to address issues that don't merit a firefighter response. It will expand and fund a Mobile Integrated Health Unit, operated by specially trained EMTs, paramedics, and mental health professionals that will receive referrals from 911, provide home visits to understand needs, and link residents to the right resources.				
	52	33	7	7	1
29.	Growth and development in Redmond will only accelerate with the arrival of the Light Rail. This measure will add staff to address the public safety needs of our city and help us to keep pace with community growth.				
	53	33	6	5	3
30.	This proposal will include ongoing funding to maintain body-worn cameras for officers to maintain transparency and accountability of Redmond officers and to ensure accurate reporting of incidents.				
	63	25	8	5	0

**(END RANDOMIZE)**

31.	I'd like you to think again about the proposal relating to police and fire services, which would increase property taxes by to \$0.38 per \$1,000 per thousand and cost \$380 dollars per year, or about \$32 per month. In general, do you strongly support, somewhat support, somewhat oppose, or strongly oppose this proposal?		
	Strongly support	39	→ 73
	Somewhat support	35	
	Somewhat oppose	12	→ 26
	Strongly oppose	14	
	(Don't know)	1	

**DEMOS.** These last few questions for statistical purposes only.

32.	Do you identify as...	
	Male	47
	Female	46
	Non-binary	0
	Another gender identity	0
	Prefer not to respond	7
33.	In what year were you born? (YEARS CODED INTO CATEGORIES)	
	18-29	19
	30-39	17
	40-49	17
	50-64	25
	65 or over	19
	Prefer not to respond	4
34.	Do you own or rent the place in which you live?	
	Own/Buying	60
	Rent	28
	Other/Prefer not to respond	12
35.	What is the last grade you completed in school?	
	Some grade school	-
	Some high school	-
	Graduated high school	6
	Technical or Vocational school	1
	Some college or Less than 4-year degree	17
	Graduated college or 4-year degree	40
	Graduate or Professional degree	33
	Prefer not to respond	3

**THANK YOU!**

# Redmond Safety Funding Plan Questionnaire Summary

March 21 – April 30, 2022



# Community Feedback Period

- Opened March 21; closed April 30
- Paper and online feedback options, with translations
- **264** completed questionnaires



# Police Department Plan Elements (n=264)

1 Low priority 2 3 4 5 High priority

Add a mental health professional co-responder



Retain 17 Police Department staff funded by 2007 levy



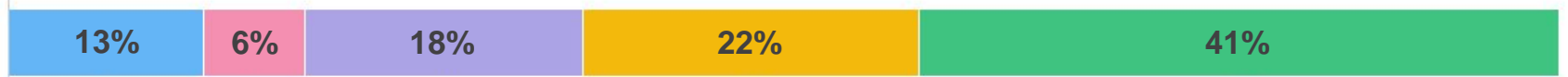
Increase Police Department staffing to keep pace with growth



Hire administrative and technical staff



Provide ongoing funding for body worn cameras



20 40 60 80 100 120 140 160 180 200 220 240 260

3

# Fire Department Plan Elements (n=264)

1 Low priority      2      3      4      5 High priority

Increase staffing for Mobile Integrated Health Unit



Retain 18 Fire Department staff funded by 2007 levy



Increase Fire Department staffing to keep pace with growth



Add firefighters for an engine company at Station 17

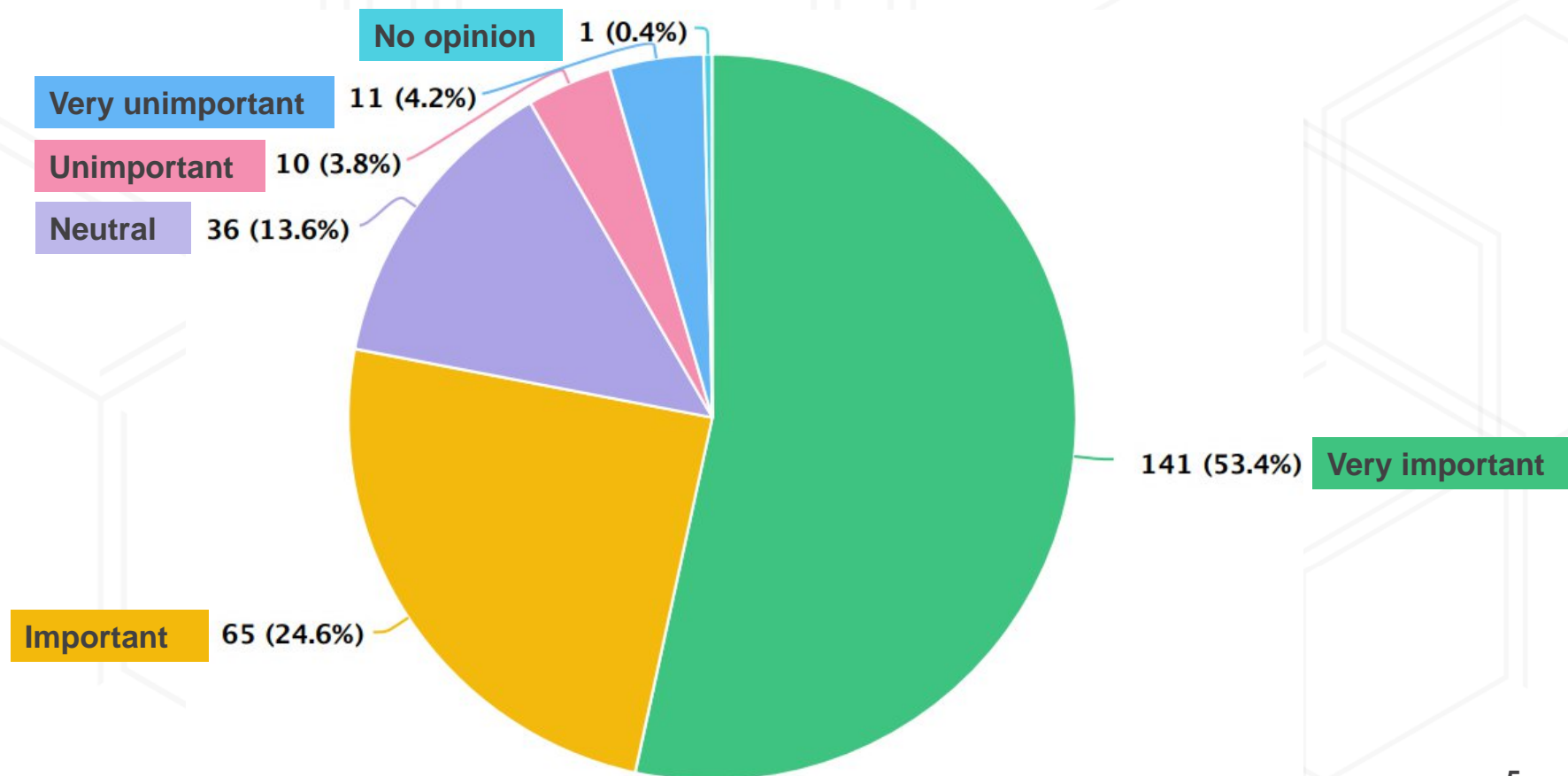


Add firefighters for an engine company at Station 16



20 40 60 80 100 120 140 160 180 200 220 240 260

## THRIVE: How important is it to you that these types of programs are part of the community safety plan? (n=264)



On a scale of 1 to 5, how well does this plan reflect your needs and the community's needs around emergency services in Redmond? (n=264)

1 – Does not reflect the needs well

3

67 (25.4%)

2

17 (6.4%)

14 (5.3%)

81 (30.7%)

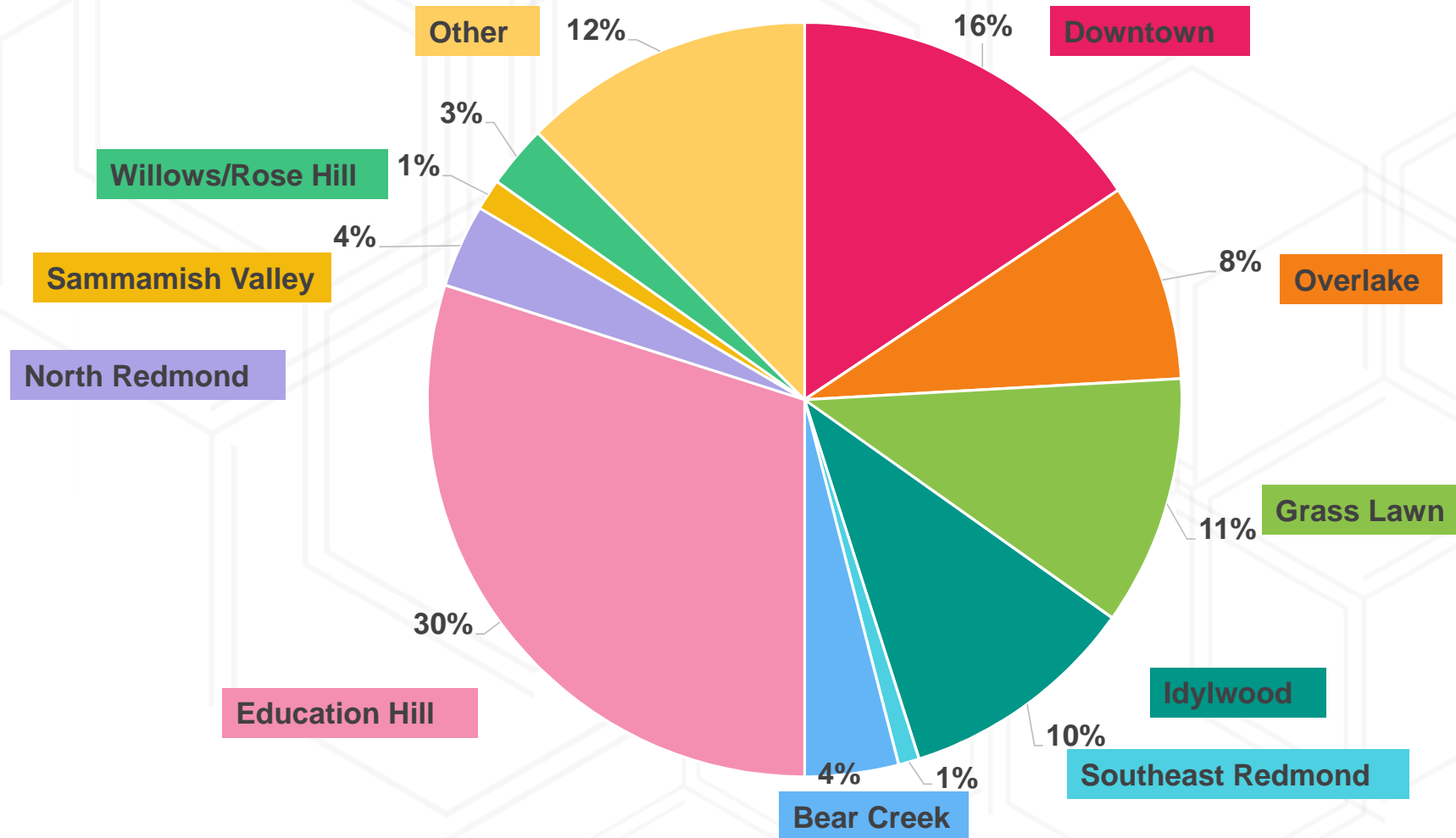
4

85 (32.2%)

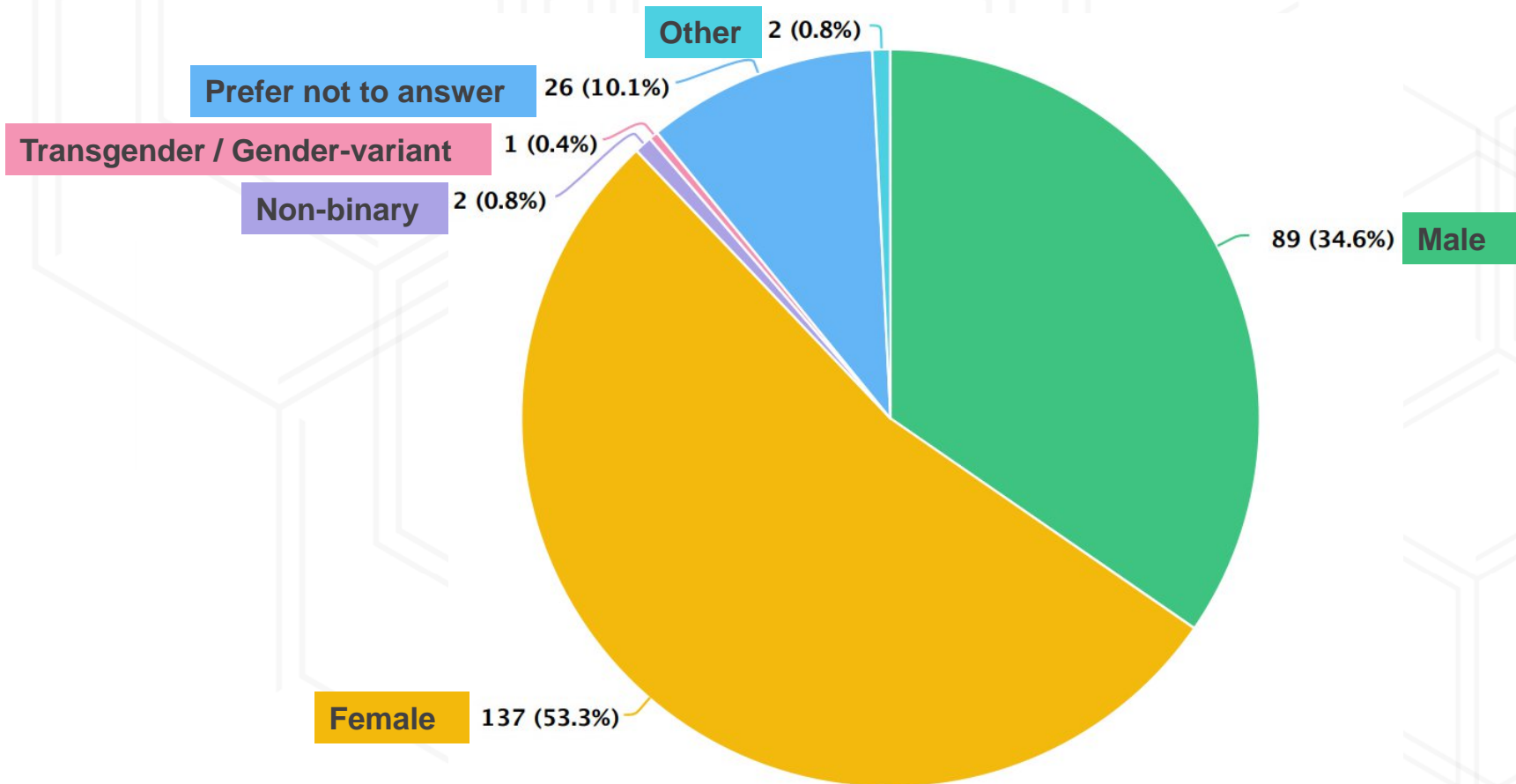
5 - Reflects the needs well

6

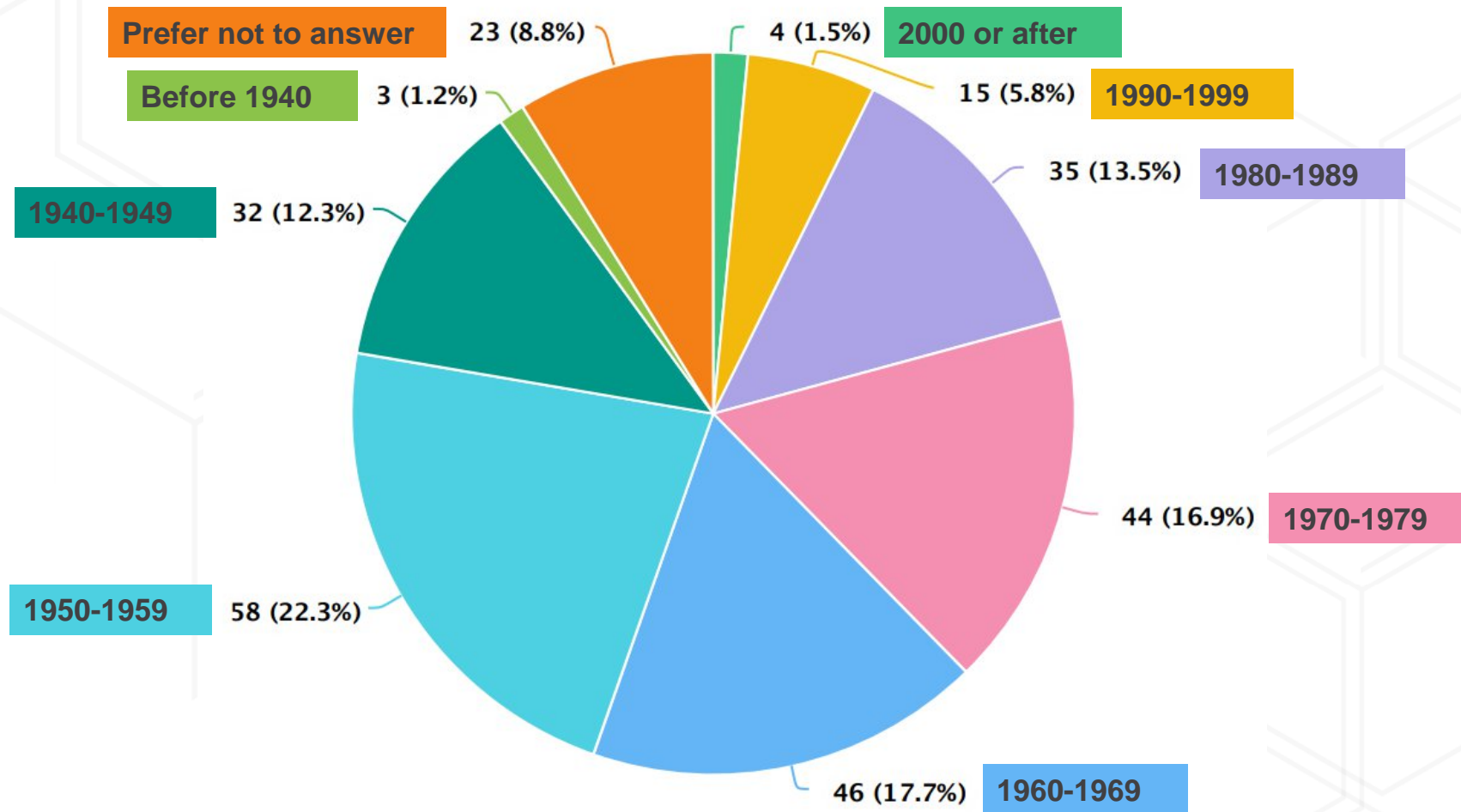
## Neighborhoods of responders (n=224)



# What gender do you identify with? (n=257)

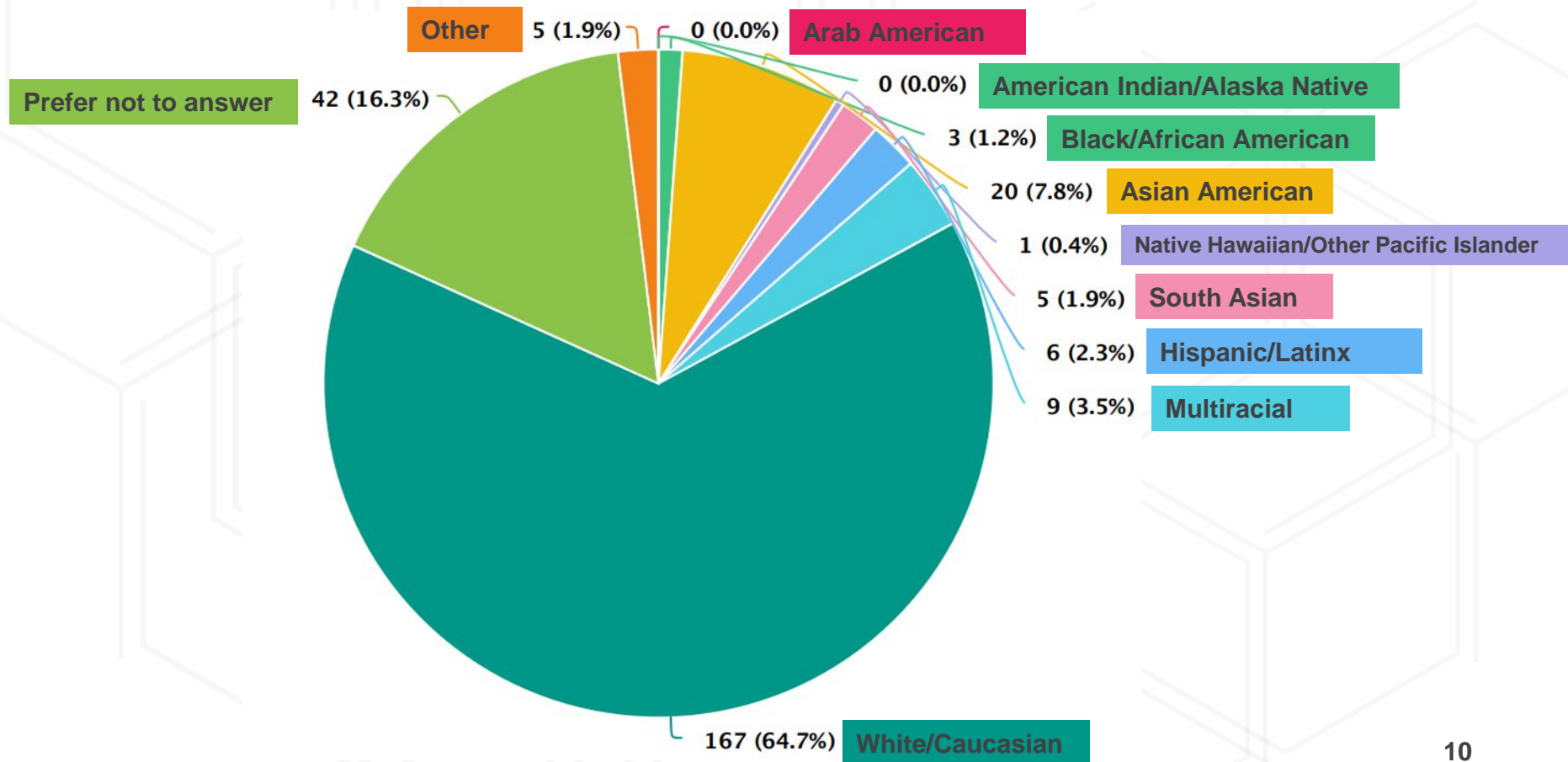


## In which decade were you born? (n=260)





# Which of the following best describes your racial and ethnic heritage? (n=258)





Are we missing anything? Is there anything else you'd like to share with us about the draft Redmond Safety Funding Plan? (n=114)

- Support for levy (addressing growth)
- Opposition to levy (tax burden, concern about who pays)
- General suggestions to increase affordable housing
- Mixed comments about Fire Department staffing (some in support of additional staffing; others opposed)



Are we missing anything? Is there anything else you'd like to share with us about the draft Redmond Safety Funding Plan? (n=114)

- Support for funding mental health responders in general
- Some support for mental health professionals responding without police officers
- Concern about crime in Redmond and comments about feeling unsafe
- Mixed comments about Police Department staffing
- Mixed comments about body worn cameras (support for accountability, concern about efficacy)



## Memorandum

**Date:** 5/10/2022  
**Meeting of:** City Council Study Session

**File No.** SS 22-036  
**Type:** Study Session

**TO:** Members of the City Council

**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	Jeff Churchill	Long Range Planning Manager
Planning and Community Development	Becky Frey	Principal Planner
Planning and Community Development	Lauren Alpert	Senior Planner
Planning and Community Development	Glenn Coil	Senior Planner
Planning and Community Development	Ian Lefcourte	Senior Planner
Planning and Community Development	Odra Cárdenas	Planner

**TITLE:**

Redmond 2050 Quarterly Update - Second Quarter 2022

**OVERVIEW STATEMENT:**

At the May 10 study session, staff is seeking Council direction on the first drafts of Comprehensive Plan policies for Housing, Economic Vitality, Transportation, and Urban Centers (Overlake only). To facilitate discussion, Council questions and input received at the May 3 business meeting are provided as Attachment B. Materials from the May 3 staff report can be found in the [agenda packet <https://redmond.legistar.com/View.ashx?M=PA&ID=951573&GUID=16D8CC88-7CCA-4A97-8B24-3B5AF2A55D6B>](https://redmond.legistar.com/View.ashx?M=PA&ID=951573&GUID=16D8CC88-7CCA-4A97-8B24-3B5AF2A55D6B) for that meeting beginning on page 55.

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

**REQUESTED ACTION:**

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

**REQUEST RATIONALE:**

- **Relevant Plans/Policies:**  
Redmond Comprehensive Plan, Redmond Transportation Master Plan, implementing functional and strategic plans, and Redmond Zoning Code.
- **Required:**  
The Growth Management Act requires that Washington cities and counties periodically review and, if needed, revise their comprehensive plans and development regulations every ten years. For King County cities the periodic review must be completed by December 31, 2024, per E2SHB 1241 passed in the 2022 state legislative session.

- **Council Request:**

The City Council requested quarterly reports on project milestones, staff progress, and public involvement.

- **Other Key Facts:**

None.

**OUTCOMES:**

Council input on the first drafts of policies for Housing, Economic Vitality, Transportation, and Urban Centers (Overlake only) will enable staff to develop second drafts for community review that incorporate Council and community input and advance Redmond 2050 Phase 1 toward completion in 2023.

**COMMUNITY/STAKEHOLDER OUTREACH AND INVOLVEMENT:**

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

Previous and Current (Q1 2022)

- Housing, Economic Vitality, Transportation, and Urban Centers (Overlake) first draft policy updates

Planned (Q2-Q3 2022)

- Urban Centers (Overlake) first draft policy updates (continued)
- Transportation Master Plan
- Draft Environmental Impact Statement and growth alternatives
- Policy considerations for Redmond 2050 Phase 2 topics

- **Outreach Methods and Results:**

Outreach methods have included or will include:

- Redmond 2050 Website
- Let's Connect questionnaires
- Press release
- Social media
- Short videos
- Posters & yard signs
- Posters
- Utility Bill inserts
- Emails to City eNews, Redmond 2050, and Parks & Recreation lists
- Emails to partner organizations
- Stakeholder input
- Focus group meetings
- Boards & Commissions meetings
- Hybrid and remote workshops and interviews
- Tabling at community events and around the community
- Translation of selected materials
- Community Advisory Committee input
- Property owner notifications via mail (potential rezoning notice)

- **Feedback Summary:**

Summaries of specific engagement activities can be found online at

[Redmond.gov/1495/Engagement-Summaries](http://www.redmond.gov/1495/Engagement-Summaries) <<http://www.redmond.gov/1495/Engagement-Summaries>>.

**BUDGET IMPACT:**

**Total Cost:**

\$4,535,222 is the total appropriation to the Community and Economic Development offer and is where most staff expenses related to Redmond 2050 are budgeted. A portion of this budget offer is for consultant contracts that the Council authorized with IBI Group for visioning (\$190,000) and BERK for State Environmental Policy Act analysis (\$290,000) and BERK for the Climate Vulnerability Assessment (\$125,000).

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:**

None

**Funding source(s):**

General Fund

**Budget/Funding Constraints:**

N/A

☐ Additional budget details attached

**COUNCIL REVIEW:**

**Previous Contact(s)**

Date	Meeting	Requested Action
10/6/2020	Business Meeting	Approve
11/17/2020	Business Meeting	Receive Information
3/16/2021	Business Meeting	Receive Information
3/23/2021	Study Session	Provide Direction
6/15/2021	Business Meeting	Receive Information
6/22/2021	Study Session	Provide Direction
9/21/2021	Business Meeting	Receive Information
9/28/2021	Study Session	Provide Direction
11/16/2021	Business Meeting	Receive Information
11/23/2021	Study Session	Provide Direction
2/15/2022	Business Meeting	Receive Information
5/3/2022	Business Meeting	Receive Information

**Proposed Upcoming Contact(s)**

Date	Meeting	Requested Action
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5/24/2022	Study Session	Provide Direction
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**Time Constraints:**

All Phase I and Phase II updates to the Comprehensive Plan must be completed by December 31, 2024.

**ANTICIPATED RESULT IF NOT APPROVED:**

Staff is not requesting action at this time.

**ATTACHMENTS:**

Attachment A: Study Session Slides

Attachment B: Council Questions and Input



# REDMOND »»» 2050

## Study Session: Housing, Economic Vitality, Transportation, Overlake Draft 1.0

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May 10, 2022



# Agenda

- Staff introduction
- Discussion of Council questions, issues raised on May 3

## **Objective:**

Obtain policy direction on first drafts

## Comprehensive Plan - Adopts Vision for the City



PHASE ONE

PHASE TWO

Continual  
Support:



Community  
Involvement



Environmental  
Review

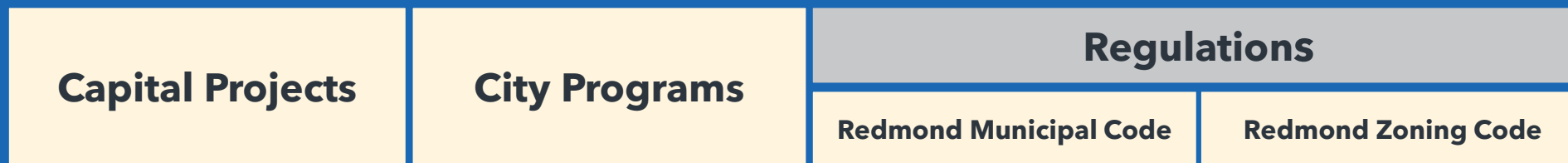
## Functional & Strategic Plans - Defines How Vision will be Implemented



PHASE ONE

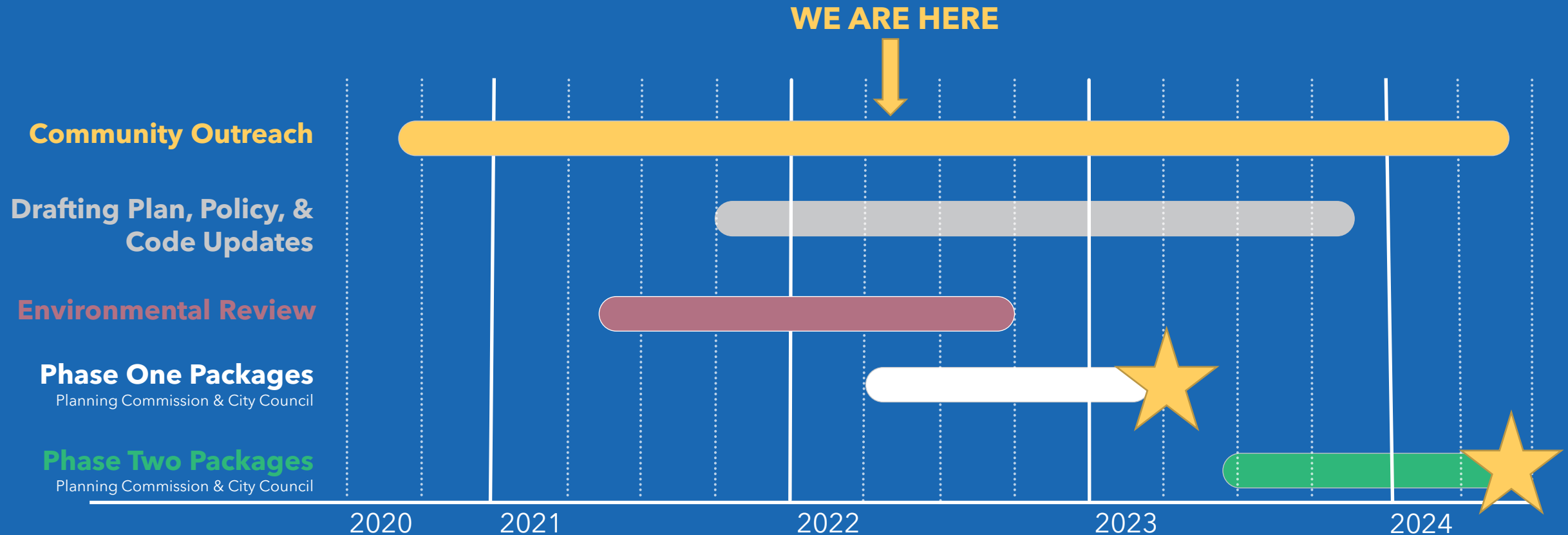
PHASE TWO

## Financing & Implementation



BOTH PHASES

# Redmond 2050 Timeline



Phase 1 addresses critical needs, expiring programs, etc.  
Plan update must be completed by December 31, 2024

# Redmond 2050 Themes

- Incorporated throughout the Comprehensive Plan
- All policies reviewed through thematic lenses
- Staff welcomes input on how themes are incorporated into first drafts



**Equity &  
Inclusion**



**Resiliency**



**Sustainability**



# Thank You

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## Attachment B: Council Questions from Q2 2022 Update

Initial Council Question or Input	Initial Staff Response	Further Discussion
<b>Housing</b>		
1. How will we determine its impact on housing affordability? What measures? (Fields)	<p>Proposed City of Redmond Housing Policies and adopted King County Countywide Planning Policies both require monitoring to measure the impact of policies on housing affordability and to measure progress towards meeting housing targets.</p> <p>There are two main measures to determine policy impacts.</p> <ol style="list-style-type: none"> <li>1. Quantity of affordable housing units in cost-controlled units <ol style="list-style-type: none"> <li>a. Rate of production</li> <li>b. Level of affordability (ex/ units affordable at 80% Area Median Income, 60% Area Median Income, etc.)</li> <li>c. Did we meet King County Countywide Planning Policy affordable housing targets?</li> </ol> </li> <li>2. Relative cost of units to regional comparisons, over time. <ol style="list-style-type: none"> <li>a. Percent change in cost per square foot (compare these changes to other King County communities, for like-units to like-units. Example: 1-bedroom apartments to other 1-bedroom apartments, etc.)</li> </ol> </li> </ol>	
2. What are some specific things that are resulting in the "no" responses in the questionnaire and how will we know we are on the right track or are making a dent in this issue? (Anderson)	<p>The primary driver of "no" responses in the questionnaire appear to be related to the various housing and shelter types required by Washington State's adopted Engrossed Second Substitute House Bill 1220 (E2SHB 1220). These are the items identified in HO-6.</p> <ul style="list-style-type: none"> <li>• Indoor emergency shelters</li> <li>• Indoor emergency housing</li> <li>• Transitional housing</li> </ul>	



Initial Council Question or Input	Initial Staff Response	Further Discussion
	<ul style="list-style-type: none"> <li>Permanent supportive housing</li> </ul> <p>About 40 of the 70 written responses to the open comments portion of the questionnaire expressed concerns about serving unhoused community members and public safety. There were concerns about traffic, tree loss, and strong need for more affordability.</p>	
3. In HO-8, what does “by right” mean? Does it mean “absolutely allowed”? (Stuart)	“By right” will serve as policy direction to list moderate-density housing as an allowed use within the Single-Family Urban and Multi-Family Urban land use categories. The City issues permits for allowed uses only when they comply with all relevant code requirements. The intent is to expand areas where these housing types are allowed and to remove process barriers like condition use permitting that add time, complexity, and expense to permitting.	
4. HO-9 - <i>obtaining clarification</i>		
5. In LU-36, consider use of neighborhood character language considering history of redlining in the U.S. (Stuart)	<p>Broadly, the housing revisions avoid language related to character, especially as it pertains to duplex, triplex, and fourplex housing in Single-Family Urban zones. Some examples reflecting this approach are found in proposed amendments N-EH-18, N-GL-11, N-WR-E-4, etc.</p> <p>Terms like “neighborhood character” and “single-family character” have, in some cases, been used to exclude certain populations and to prevent growth.</p>	
<b>Economic Vitality</b>		
6. Policies for preserving manufacturing park spaces and businesses may not be sufficient to mitigate business	<p>Economic Vitality policies related to this include EV-1, EV-4, EV-14, EV-21, EV-22, EV-25 and EV-26.</p> <p>The City can preserve manufacturing park zones and mitigate displacement through zoning regulations and partnerships with economic development</p>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
displacement. Business diversity is important: flex spaces should go beyond retail.	organizations. Both tools should be firmly rooted in Comprehensive Plan policy, and staff welcomes Council feedback on how the first draft addresses this issue.	
7. More specifics on displacement services and potential financing for supporting outside of disasters alone, due to growth. Any resources to keep them within the community and viable? (Anderson)	<p>EV-10 allows for City support for economic and disaster recovery services and resources for businesses, including those at risk of displacement.</p> <p>EV-25 sets a policy direction for the City to mitigate displacement of existing businesses through development regulations and programmatic support.</p> <p>These policies do not specify the actual tools and services that could be utilized. This allows for flexibility as resources change and needs evolve.</p> <p>One example of regulatory anti-displacement measures is zoning regulations that restrict the types of businesses that can locate in a zone. This reduces competition for space. Manufacturing Park use regulations are a good example. The recent history of MP use regulations in Redmond is also instructive, as economic pressure to open-up the MP zones to a broader set of uses has reduced protection for traditional manufacturing.</p> <p>The City could also consider incentives in the centers for building affordable commercial space or space that can only be leased to small, local businesses. This has been piloted through development agreements in Marymoor Village and is part of the Redmond Town Center zoning amendments currently pending before the Council.</p> <p>Programmatic anti-displacement efforts could include grants and relocation assistance. These could be implemented in partnership with an economic development organization.</p>	
8. Would like to have conversation around what jobs in Redmond look like	Generally, Redmond's policies about future jobs rely on the Regional Economic Strategy, as noted in EV-4. This policy also states: <i>"Emphasize support for clusters that are vulnerable or threatened by market forces, provide middle-</i>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
<p>in the future, including anticipated wages. Would like to review tax structure and burden on those who have lower incomes. (Khan)</p>	<p><i>wage jobs, play an outsized role in the local economy, or have robust growth potential."</i></p> <p>Policy EV-22 states that "...[the City should have] a diversified mix of businesses, from multinational corporations to small, locally-owned neighborhood shops."</p> <p>EV-17 relates to housing but states: "Encourage a mix of housing types and options that <b><i>allows all workers at different wage levels to live and work in Redmond.</i></b>"</p> <p>Regarding tax structure, EV-7 states: "Utilize tax and fee systems that are equitable and stable, are consistent with City goals to increase affordable housing, predictably fund local services, and maintain a competitive economic environment. Periodically review the City's tax and fee systems to ensure they remain consistent with the above criteria." The Council would implement this policy through tax and fee decisions that it makes.</p>	
Transportation		
<p>9. How can we incorporate a vision for flexible transit services to address first- and last-mile issues? (Kritzer)</p>	<p>Policy TR-15 states the desired outcome: a transit system that connects people to centers and light rail and uses a full suite of transit options appropriate to the land use context.</p> <p>The "full suite" language is intended to set the stage for considering a wide variety of first- and last-mile options. The proposed approach is to identify how we can advance toward the desired outcome by identifying context-appropriate solutions in the Transportation Master Plan's transit section.</p> <p>First- and last-mile options could include services like Via to Transit, Community Ride, and Ride Pingo to Transit, all of which are King County Metro on-demand pilot programs operating in parts of King County. First- and last-mile solutions can also include shared bicycle and scooter programs; Lime currently operates such a program in Redmond.</p>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
10. Appreciate seeing target of zero deaths and serious injuries in the policies. (Anderson)	<p>The 2013 Transportation Master Plan contains the seeds for this policy language. From Chapter 3 of the TMP:</p> <p><i>"The City of Redmond's goal is to continue its trend of decreasing per capita injury rates and reaching 1.3 injuries per 1,000 daytime population by 2030. The aspirational goal is to maintain that low level while eliminating fatalities by 2030 (see Figure 22) and serious injuries, a goal which corresponds to the Washington State Department of Transportation's "Target Zero" campaign. This is an aggressive goal. To succeed will require action by several actors, including the City of Redmond, state and regional transportation agencies, auto manufacturers, enforcement agencies, and all transportation system users. Its success will also depend on the impact of increasing numbers of jobs and residents in Redmond."</i></p>	
<b>Urban Centers / Overlake</b>		
11. Would like us to move beyond more "mention" of bicycle facilities to building them. (Forsythe)	<p>The slide reference was to public comment that the draft element does not have enough policies around bicycling. Policies that speak to bicycling in the Urban Centers element include FW-UC-2, FW-OV-1, and OV-17 through OV-20. The person making the comments on bicycle policy suggested adding references to bicycles in UC-10 and UC-12 as follows:</p> <p><b>UC-10</b> Promote the vision of the parks, plazas, art, pathways, and open spaces in the centers as being part of a cohesive system of public spaces that is integral to distinguishing the centers as pedestrian- <b>and bicycle</b>-friendly places.</p> <p><b>UC-12</b> Streetscapes in centers should be pedestrian <b>and bicycle</b> friendly, attractive, and meet the needs of residents with physical and intellectual disabilities.</p>	
12. Would like more detail on the "expand/improve" feedback items from the	<b>Comment received:</b> More mention of bicycling and city investments in parks and open space	

Initial Council Question or Input	Initial Staff Response	Further Discussion
<p>Urban Centers slides. (Forsythe)</p>	<ul style="list-style-type: none"> <li>• See discussion above about bicycling.</li> <li>• Comments were received relating to the desire to be clearer on City investment in open space in Overlake (there is a lot of mention on private and partnerships, but not as much explicitly outlining the City's investment in open space). This is covered in OV-13 and more depth in the PARCC element update. This could also be expanded upon in the Centers chapter through an edit to UC-10 and/or OV-13.</li> </ul> <p><b>UC-10</b> Promote the vision of the parks, plazas, art, pathways, and open spaces in the centers as being part of a cohesive system of public spaces that is integral to distinguishing the centers as pedestrian-friendly places.</p> <p><b>OV-13</b> Recognize urban park and recreation needs are a high-priority park and recreation need in the Overlake Metro Center. Achieve the park and open space system through a strategy of City investment together with encouraging future development to include artwork and recreation opportunities that augment and enhance public park infrastructure.</p> <p><b>Comment Received:</b> Plan for how to bring in high rise towers (development standards, incentives, etc.)</p> <p>Comments related to high-rise development included:</p> <ul style="list-style-type: none"> <li>• Support for high-rise goals to meet growth needs, but concern on how we would get there given current economics. (Developer comment)</li> <li>• Does City want to incentivize or require high rise to push market in that direction? Consider that high rise is much more expensive, and some developers will not go there. (Developer comment)</li> </ul>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
	<ul style="list-style-type: none"> <li>Concern about setting minimum height because it reduces ability to set heights based on property owner priorities (business community comment).</li> </ul> <p>Staff will be working with our Technical Advisory Committee and property and developer stakeholders over the summer and fall to look at ways we can work with market forces to accommodate growth and meet public policy objectives such as maximizing opportunities for equitable transit-oriented development.</p> <p><b>Comment Received: Art, including performance art and digital art installations</b> The Planning Commission discussed ways to incorporate art more fully into the policies, specifically mentioning performance art, digital art installations, and temporary installations. The Commission is interested in potential edits to UC-10 and OV-16 (to be discussed at upcoming Commission meetings).</p> <p><b>UC-10</b> Promote the vision of the parks, plazas, art, pathways, and open spaces in the centers as being part of a cohesive system of public spaces that is integral to distinguishing the centers as pedestrian-friendly places.</p> <p><b>OV-16</b> Encourage the funding, creation, placement, and maintenance of public art, especially when it is integrated with public infrastructure projects. Consider providing sculptures, water features and other elements and incorporate local historical and cultural references.</p> <p><b>Comment Received: "Welcome to Overlake" entryway features and design</b> A developer mentioned that they would like to add entryway/wayfinding features, art or other installations on their corner but our current policies around what is allowed in the right-of-way was too limiting. They were also wanting to find ways to make sure people were clear that they've entered Redmond/Overlake.</p>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
13. Ensure sufficient green space in Overlake. (Kritzer)	<p>There are several policies related to parks and open space including UC-6, UC-10, UC-11, and OV-13 through OV-16.</p> <p>Staff has focused many of these policy updates on incorporating urban options and alternatives and to improving equity and inclusion. Staff is also exploring code updates for open space standards as a part of both the Redmond Zoning Code Rewrite and Redmond 2050.</p>	
14. Feedback on Let's Connect had very binary results, any ideas why that is happening? (Anderson)	<p>The Urban Centers/Overlake LetsConnect questionnaire is still relatively fresh and had three responses as of late April. Overlake feedback has also come through meetings, phone calls, and stakeholder email (see comment summary matrix in the May 3 Council packet, Attachment G, starting on page 8).</p> <p>Engagement is still occurring on the draft policies through the month of May, including disability stakeholder focus groups. The Redmond 2050 Community Advisory Committee will be reviewing the drafts in July.</p>	
<b>Overall</b>		
15. Sustainability: Councilmembers have heard that Redmond's standards do not allow passive housing. What is staff's response? City should be removing barriers to sustainable building and incentivizing it. (Fields, Forsythe, Kritzer)	<p>In 2020, Natural and Built Environments proposed a mixed-use multifamily development with the goal of certifying the structure as a "Passive House". A certified Passive House greatly reduces energy demand from heating and cooling by having high thermal insulation in the building envelope and increased airtightness. One of the design techniques for reducing heating and cooling needs is reducing building modulation.</p> <p>Redmond design standards require façade modulation to reduce the apparent mass of large buildings and to create visual interest in the built environment. Applicants can seek departures from design standards through Administrative Design Flexibility. To receive ADF approval, an applicant must demonstrate that the proposed solution better meets the intent and goals of the zone in which the proposal is located, achieves superior design, and provides a benefit in terms of desired use and activity (RZC 21.76.070.C.8). In this instance the applicant decided not to pursue ADF. Design elements such as varied/superior materials,</p>	



Initial Council Question or Input	Initial Staff Response	Further Discussion
	<p>colors, fenestration, articulation, massing, and other architectural techniques have been used in the past to meet ADF criteria. The RZC does not prohibit sustainability practices, nor is that its intent.</p> <p>Phase 3 of the Redmond Zoning Code ReWrite will address design standards. It will occur concurrently with Redmond 2050 Phase 2, which includes the update to the Community Character and Historic Preservation (CC&amp;HP) Element of the Redmond Comprehensive Plan. The CC&amp;HP Element contains policies that are the foundation for design standards in the RZC. The RZCRW Phase 3 and Redmond 2050 Phase 2 are the ideal avenue for considering changes to design standards policy and code to emphasize sustainable outcomes.</p> <p>Staff are also updating policies related to design standards for Overlake right now. In the Centers chapter, staff has proposed strengthening sustainability and resiliency through policies UC-5, UC-8, and OV-11.</p> <p>Regulations to implement policies for Overlake will also be part of Redmond 2050 Phase 1 with first drafts anticipated to be published later this summer. Other design standards will be part of Phase 2, and that work began in the second quarter of this year. In addition, Jenny Lybeck, the City's Sustainability Manager, is working on an update to the green building code as part of the Redmond Zoning Code Rewrite.</p>	
<p>16. Equity: what does "more equity" mean as process? Equity is a binary concept. (Fields)</p>	<p>Staff concurs that equity is a binary concept, and equity is the ultimate outcome. Policy language like "more equity" is shorthand for the pursuit of equity.</p> <p>VISION 2050, the Multicounty Planning Policy document created by the Puget Sound Regional Council, describes process equity as policy development, decision-making, and implementation process [that] is inclusive, open, fair, and accessible to all stakeholders. PSRC's description relates to housing policy but could apply more broadly.</p>	

Initial Council Question or Input	Initial Staff Response	Further Discussion
	<p>Process equity improvements could include actions like further investment of municipal resources into community engagement for groups that have typically been less represented in city processes. Two current examples are staff's participation in cultural events this spring and summer like the Cinco de Mayo celebration, and convening of a focus group for people with disabilities.</p>	
<p>17. Would like to integrate planning for schools and childcare more closely with planning for growth. (Kritzer)</p>	<p>The Growth Management Act requires school to be considered within the <a href="#">Capital Facilities Element</a> of the Comprehensive Plan. State law also authorizes cities to collect impact fees on behalf of school districts. In policy CF-17, Redmond requires that school districts have a Capital Facilities Plan with proposed improvements that are consistent with the City's growth projections. In that way, coordinated planning is required. The Land Use element also contains policies about the siting of essential facilities, including schools. In addition, Policy EV-13 of the draft Economic Vitality element states that the city support and collaborate with educational institutions.</p> <p>City staff are grateful to LWSD staff and board members who are participating in Redmond 2050 through the Community Advisory Committee, Technical Advisory Committee, or through review of growth projections and draft policies. City staff have found LWSD staff to be open to creative solutions to advancing our mutual objectives.</p> <p>The City's role in childcare is ensuring that sufficient land is zoned for that use and that prospective providers can count on a predictable permitting process. Councilmembers have asked that staff bring forward impact fee exemptions for childcare facilities for Council consideration. Staff anticipates bringing this forward as part of Redmond 2050 Phase 1 regulatory updates.</p>	
<p>18. How can we create a plan that is both flexible and has the strength</p>	<p>One way that staff believes the Comprehensive Plan can be improved is reducing the amount of regulatory or quasi-regulatory text. Such text has the effect of lengthening the plan and making it less flexible. (It has the side effect of making it less reader friendly and therefore less used.)</p>	

Initial Council Question or Input	Initial Staff Response	Further Discussion																
needed to endure for a 30-year period? (Stuart)	Policies that identify desired outcomes and key strategies – without becoming excessively detailed or prescriptive – are durable and flexible. They are durable because they clearly articulate the City’s vision and values and set the City on a path toward achieving a goal or objective. They are flexible because they do not prescribe specific implementation methods and so give present and future city councils the ability to adapt to changes over time with less need to revisit policy. This is valuable because the frequency of Comprehensive Plan amendments is limited under the Growth Management Act.																	
19. Would like to see more attention paid to Marymoor Village. (Khan)	Staff concurs that policy updates for Marymoor Village are very important given its role in the community. Marymoor Village is a part of Redmond 2050 Phase 2. Staff has begun working on the existing conditions and initial review of current policies. We expect community engagement to begin later this summer.																	
20. Would like to see environmental sustainability and greenhouse gas reduction addressed across the board. (Khan)	<p>Sustainability, equity and inclusion, and resiliency are the three Redmond 2050 themes that will be woven throughout the updated Comprehensive Plan. Staff has published first drafts for four Comprehensive Plan elements to date, with nine more to be published either later this year or as part of Phase 2.</p> <p>Staff has identified the following policies as supporting Redmond 2050 themes:</p> <table><tr><th></th><th>Sustainability</th><th>Equity and Inclusion</th><th>Resiliency</th></tr><tr><td>Housing</td><td>7, 17-18</td><td>3-6, 9-16</td><td>3-8</td></tr><tr><td>Economic Vitality</td><td>FW-EV-1 and 2, EV-11*, 12, 16, 27</td><td>7, 10, 13, 17, 23, 25</td><td>FW-EV-1, EV-1, 4, 7, 10, 17</td></tr><tr><td>Transportation</td><td>4, 9, 10-12, 14-17, 21-22, 27-28, 29-31, 32*, 33-</td><td>7-9, 11-12, 14, 16, 20-21, 29, 31, 47</td><td>4-6, 22, 26, 33, 38, 43, 47</td></tr></table>		Sustainability	Equity and Inclusion	Resiliency	Housing	7, 17-18	3-6, 9-16	3-8	Economic Vitality	FW-EV-1 and 2, EV-11*, 12, 16, 27	7, 10, 13, 17, 23, 25	FW-EV-1, EV-1, 4, 7, 10, 17	Transportation	4, 9, 10-12, 14-17, 21-22, 27-28, 29-31, 32*, 33-	7-9, 11-12, 14, 16, 20-21, 29, 31, 47	4-6, 22, 26, 33, 38, 43, 47	
	Sustainability	Equity and Inclusion	Resiliency															
Housing	7, 17-18	3-6, 9-16	3-8															
Economic Vitality	FW-EV-1 and 2, EV-11*, 12, 16, 27	7, 10, 13, 17, 23, 25	FW-EV-1, EV-1, 4, 7, 10, 17															
Transportation	4, 9, 10-12, 14-17, 21-22, 27-28, 29-31, 32*, 33-	7-9, 11-12, 14, 16, 20-21, 29, 31, 47	4-6, 22, 26, 33, 38, 43, 47															

Initial Council Question or Input	Initial Staff Response				Further Discussion
		35, 38-40, 42-44, 47			
	Urban Centers (Overlake only)	UC-8; OV-11*	UC-5, 9, 11-12, 14; OV-4, 8-9, 11-12, 19	UC-5, 8; OV-2, 11	
	* greenhouse gas reduction or low carbon policy				
	Staff welcomes input on where Councilmembers see opportunities to close gaps or better incorporate Redmond 2050 themes.				
21. Would like to see food security addressed as a matter of sustainability and affordability, including community gardens. (Khan, Forsythe)	Draft Economic Vitality policy EV-27 states: <i>"Support the local and regional food economy and businesses with an emphasis on those that provide access to local products and healthy, affordable, and culturally relevant food options."</i>				
	Staff welcomes Council feedback on how this policy addresses issues of food security and affordability.				
22. How will goals of HB 1099 (climate change) be addressed in Redmond 2050? (Kritzer)	Staff intends to incorporate the goals of HB 1099 as follows: <ul style="list-style-type: none"> <li>• Update climate change section of Natural Environment element to reflect Environmental Sustainability Action Plan (ESAP), Climate Emergency Declaration, and Climate Vulnerability Assessment (CVA)</li> <li>• Integrate CVA into Redmond 2050 Environmental Impact Statement</li> <li>• Review all policies through thematic lenses of sustainability and resiliency</li> <li>• Update functional plans considering the ESAP and CVA</li> </ul>				
	The result will be a deep and wide integration of climate change into the Comprehensive Plan.				



## Memorandum

**Date:** 5/10/2022  
**Meeting of:** City Council Study Session

**File No.** SS 22-033  
**Type:** Study Session

**TO:** Members of the City Council  
**FROM:** Mayor Angela Birney  
**DEPARTMENT DIRECTOR CONTACT(S):**

Public Works	Phil Williams	425-556-2880
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**DEPARTMENT STAFF:**

Public Works	Steve Flude	City Engineer
Public Works	Paul Cho	Engineering Manager
Public Works	Steve Hartwig	Engineering Supervisor
Public Works	Adnan Shabir	Senior Engineer

**TITLE:**

Pavement Preservation Program Update

**OVERVIEW STATEMENT:**

The City's pavement condition has been in decline over the last decade or so. Currently, about \$8.8 Million of paving projects are funded in the 2021-2026 CIP with an additional \$400,000 funded in 21-22. This equates to funding of approximately \$1.7 Million per year. This level of funding is not yet sufficient to keep pavement condition stable and at the level of service specified by City Council.

Staff will present data on the current pavement conditions in the city's street network and how quickly that is changing. Staff will also discuss options available to stabilize and maintain the system.

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

**REQUESTED ACTION:**

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

**REQUEST RATIONALE:**

- **Relevant Plans/Policies:**  
Transportation Management Plan
- **Required:**  
N/A
- **Council Request:**  
N/A
- **Other Key Facts:**

Streets Operations purchased a crack sealer in 2021 to crack seal neighborhood roads and started crack sealing in Fall 2021. Additional crack sealing is planned in the coming years. Crack sealing operations are a good approach for roads still in relatively good condition to extend their useful life before more expensive remedies are required. Most of the City's arterial streets are not good candidates for crack sealing due to their current pavement condition.

**OUTCOMES:**

Pavement is one of the highest value assets the city owns and maintains, and it is declining rapidly in quality. The sooner the city can increase our current investments in pavement preservation the less costly it will be to bring pavement conditions back to acceptable levels and keep them there.

Well maintained pavement is a vital part of the City's transportation network and our economic vitality. It promotes the movement of commerce, connects people to their destinations, and supports our emergency response system. It also provides our citizens safe access to schools, services, work, and leisure activities.

Additional investment in the City's pavement infrastructure is needed to ensure the long-term sustainability of our street network.

**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:**

2021-2026 Approved CIP Paving Projects: \$8.8 Million

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

**Budget Offer Number:**

N/A

**Budget Priority:**

Vibrant and Connected

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

*If yes, explain:*

N/A

**Funding source(s):**  
Please see Attachment A

**Budget/Funding Constraints:**  
N/A

☒ **Additional budget details attached** (Attachment A)

**COUNCIL REVIEW:**

**Previous Contact(s)**

Date	Meeting	Requested Action
4/5/2022	Committee of the Whole	Receive Information

**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:**

The presentation is designed to bring awareness to the issue of declining pavement condition prior to upcoming operational and CIP budget discussions. If current funding levels are maintained, pavement condition will continue to decline rapidly. This is true throughout the city's street network but is particularly acute on our arterial streets where we have a large backlog of needed repaving projects that have accumulated over time.

**ATTACHMENTS:**

Pavement condition presentation





# Pavement Preservation Program

## Information & Recommendations.....

April 5th, 2022

Phil Williams, Interim Public Works Director



# Pavement Information Discussion Topics

- What is Pavement Condition Index (PCI)?
- Preservation vs. Rehabilitation vs. Reconstruction
- What is the current and projected condition of Redmond's streets based on our current investment levels
- What is our current Paving Backlog in Redmond
- Summary & Recommendations



# What is a Pavement Condition Index (PCI) ?


- The Pavement Condition Index rates the condition of the surface of a street on a scale of 0 to 100
- Provides a numerical rating for the condition of road segments within the street network
- Measures the extent and severity of cracks and rutting as well as smoothness and ride comfort
- PCI can be measured using either a subjective or objective method of evaluation
- PCI data is collected every 2 years in Redmond. This allows us to monitor the rate of deterioration over time





**Willows Rd.  
PCI = 100**





179<sup>th</sup> PI on Education Hill  
PCI = 70



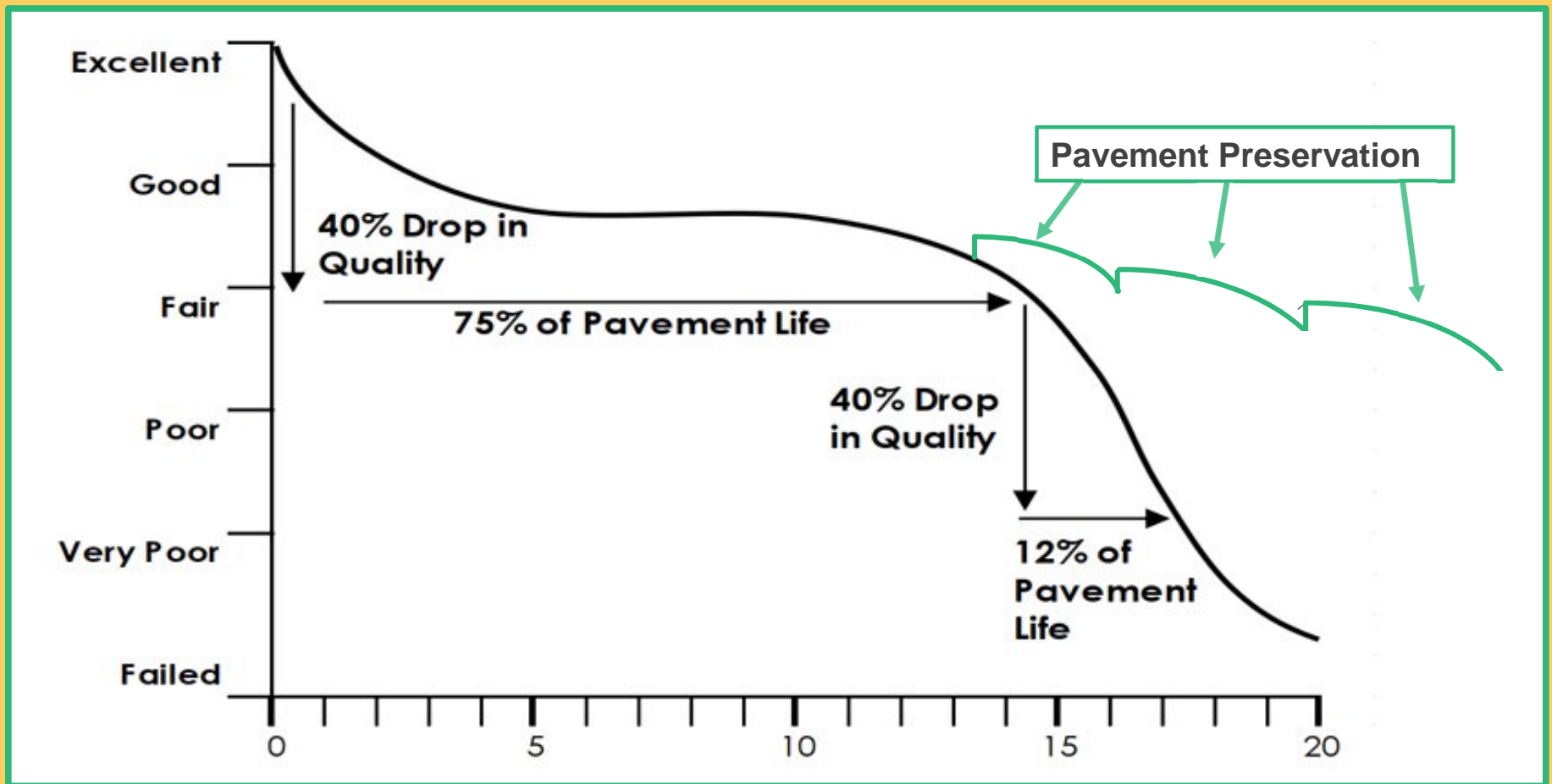


116<sup>th</sup> and 179<sup>th</sup>  
PCI = 55



148<sup>th</sup> Ave  
PCI = 20

## Typical Pavement Condition Curve – Arterial Street





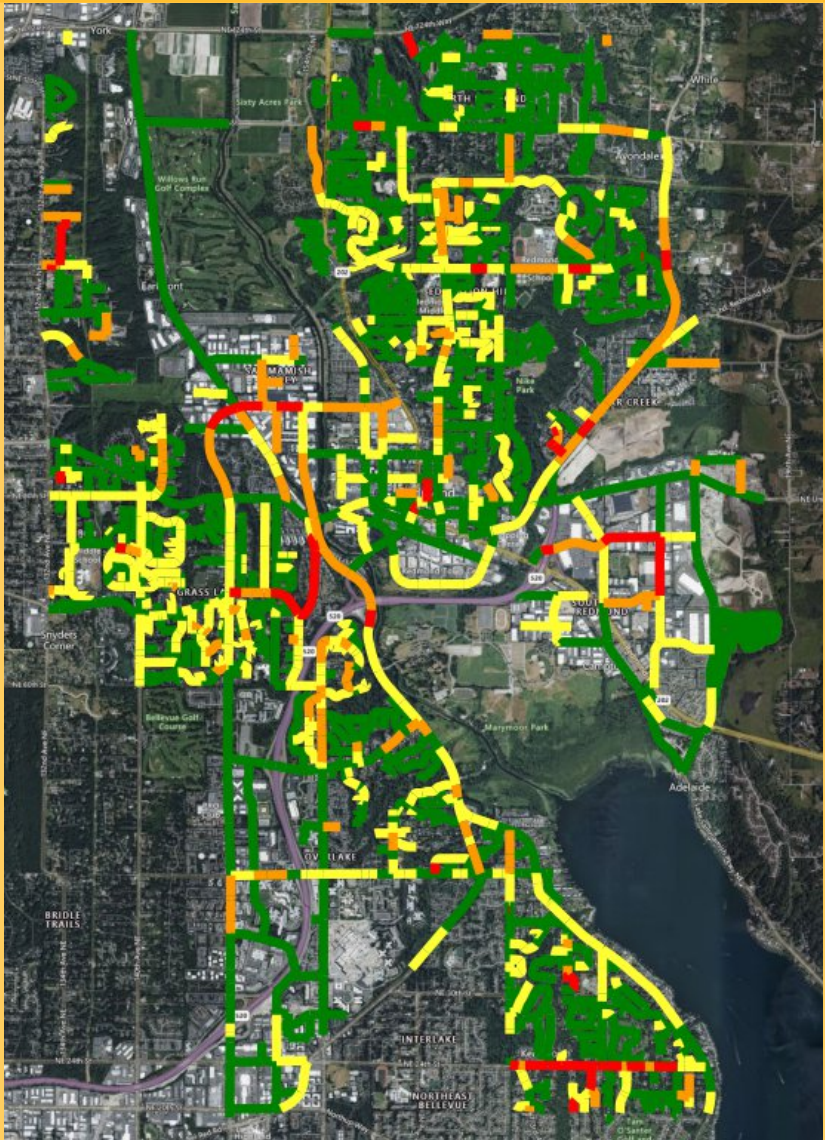
PCI	<b><u>Pavement Preservation</u></b> <b><u>(Preventive maintenance)</u></b>	Total Cost: \$/SY
	Crack Seal, Fog Seal	
80-100		\$2
70-80	Scrub Seals, Chip Seals, Micro-surfacing	\$4-5
	Slurry Seal	\$8
	Thin Overlay – ¾ to 1 inch	\$23
	<b><u>Rehabilitation</u></b>	
	2" Mill and Fill and full depth patches based on visual and/or core data	\$45
25-69	<u>3-4" Mill and Fill</u>	\$101
	<u>4" Mill and Fill with 20% full-depth Repair</u>	\$116
	<b><u>Reconstruction</u></b>	
25-69	Full depth asphalt removal with subbase removal.	\$195



Current Condition with  
Investment of \$1.7Million/yr.

Network PCI: **70**

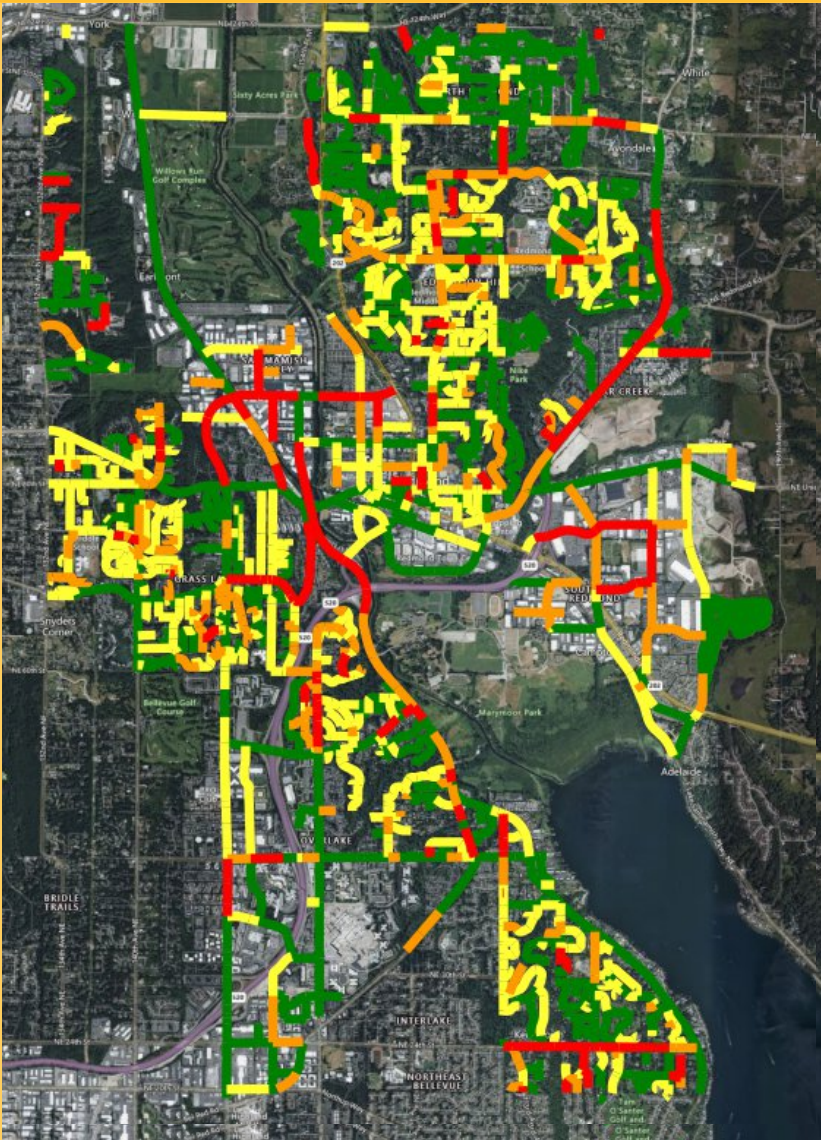
- 71-100 (Good)
- 56-70 (Fair)
- 40-55 (Poor)
- Below 40 (Very Poor)



Projected Condition in 2027  
with Investment of \$1.7  
Million/yr. (plus 5% inflation)

Network PCI: **64**

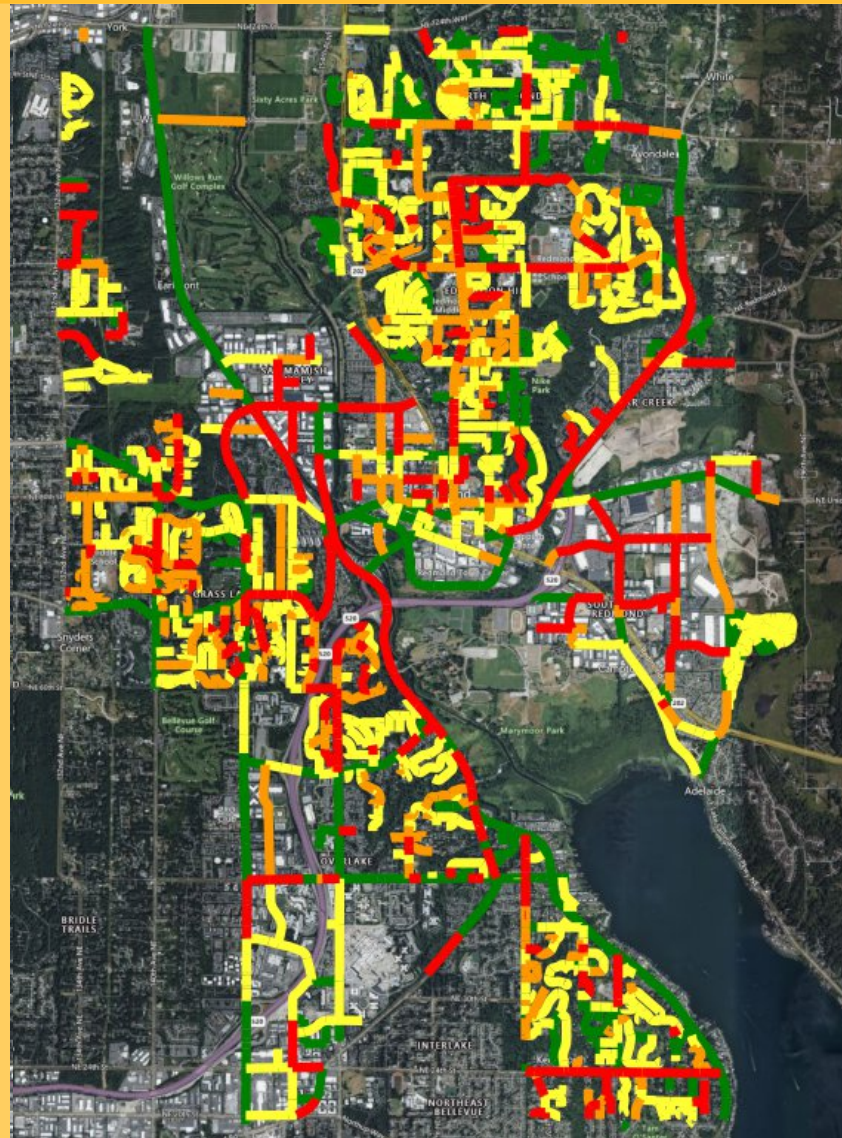
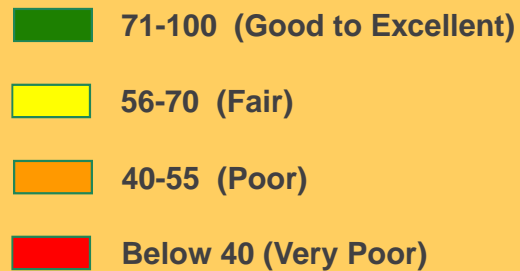
- 71-100 (Good to Excellent)
- 56-70 (Fair)
- 40-55 (Poor)
- Below 40 (Very Poor)



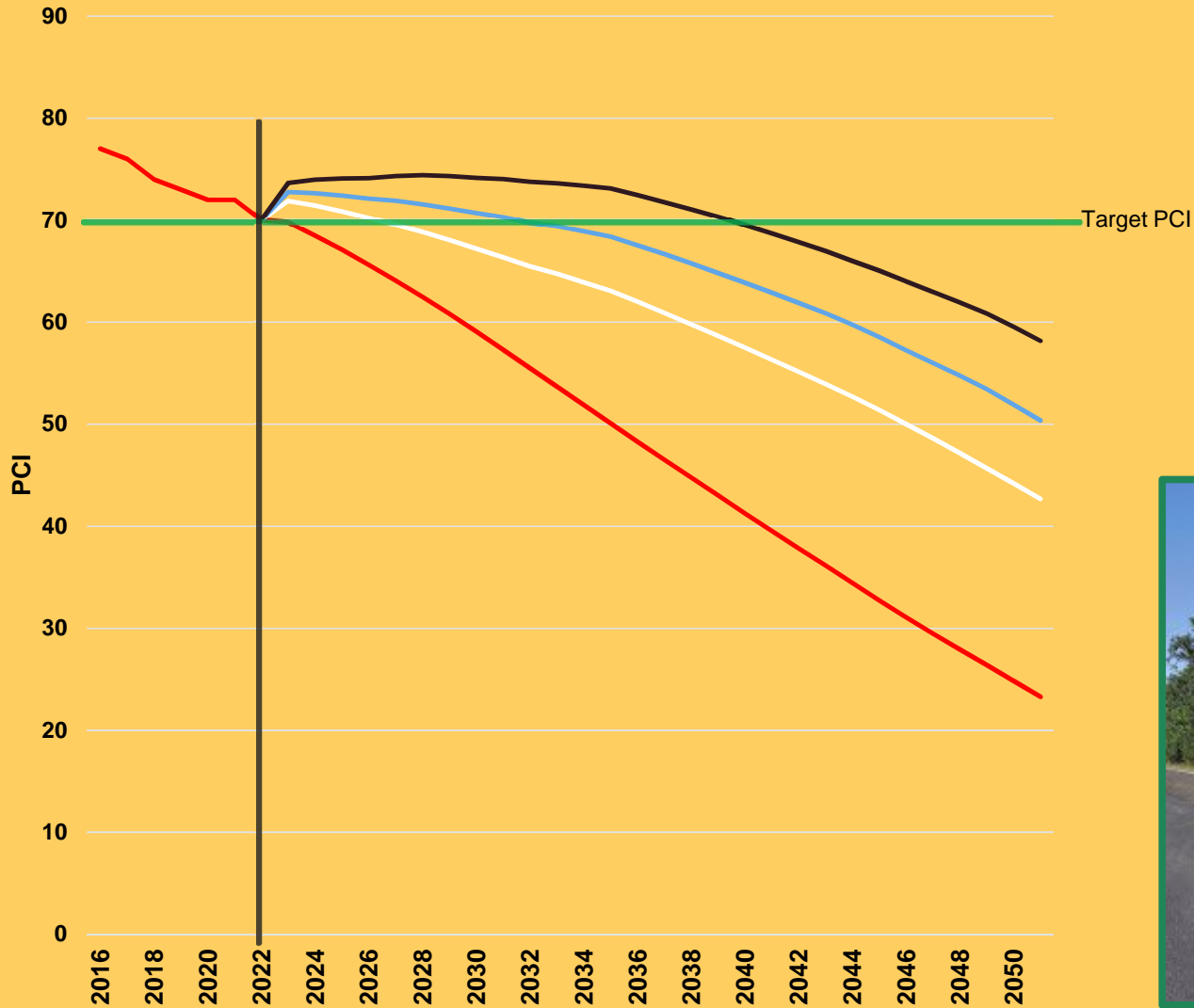


**Projected Condition in 2032  
with Investment of \$1.7  
Million/yr. (plus 5% inflation)**

## Network PCI: 55



PCI with Various Investment Levels



Current Investment(\$1.7M/year)

Projected with Current Investment(\$1.7M/year)

Investment With 23-28 CIP paving projects(\$5.2M/year)

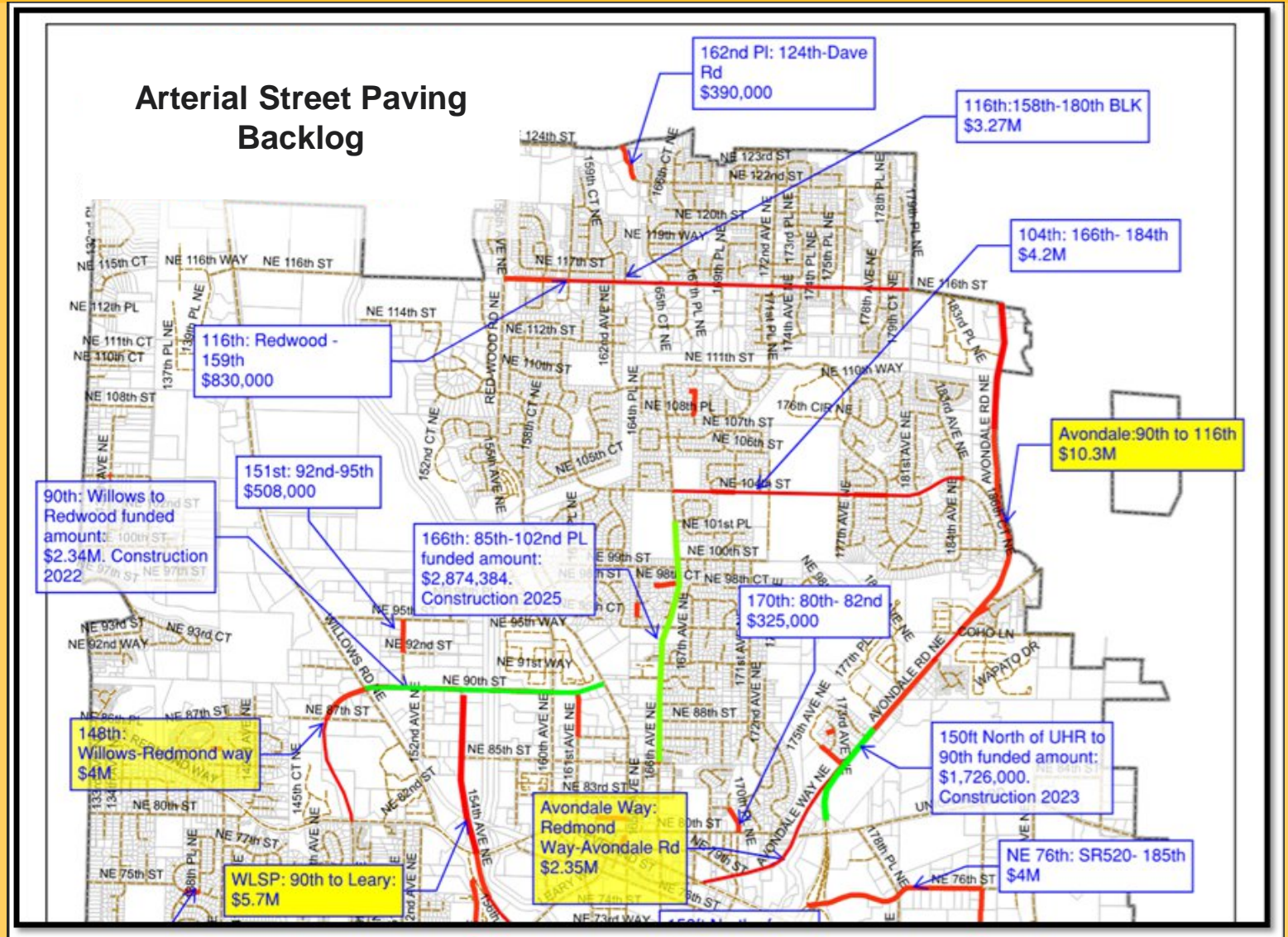
Investment after TBD(\$20/registration) (\$6.6M/year)

Investment after TBD increase(\$40/registration) (\$7.97M/year)





## Arterial Street Paving Backlog



Under 55 PCI Arterials

Total Cost in \$2021  
\$76,000,000

Amount in 6-yr CIP  
\$9,000,000

Amount Unfunded  
\$67,000,000





# Possible Funding Sources

- Reprioritizing existing funding
- **Transportation Benefit District (TBD)** – both councilmanic and/or voted options
- **City Utility Tax** – councilmanic
- **Non-City Utility Tax** – voted 50%+1
- **Levy Lid Lift** - voted – to generate cash flow directly or for debt service on bonds – requires 50%+1 approval



# **Transportation Benefit District (TBD)**

- **RCW 36.73 authorizes TBDs**
- **An independent district to fund transportation projects**
- **Paving projects are an eligible TBD expense**
- **Established by ordinance after a public hearing**





# Transportation Benefit District (TBD)

- Revenue estimated at \$1.4 Million/year with councilmanic \$20 vehicle license fee
- This can be increased to \$40 after two years
- 0.2% Sales Tax option - approximately \$2M/yr. requires vote (50%+1) Good for 10 yrs. unless for debt service
- There are 110 cities with TBDs
  - 61 use VLF (49@ \$20, 9@ \$40, and 3 others)
  - 54 use Sales Tax
  - 9 use both
  - Most cities over approx. 30,000 population have TBDs



## Comparison between Vehicle License Fee and Sales Tax options:

- Councilmanic
- Provides a steady, less volatile income stream
- \$1.4M - \$2.8M
- Very little growth in revenue – purchasing power steadily declines with inflation
- Seen as a more regressive revenue source than sales tax

### Sales Tax

- Voted – Requires 50%+1
- Revenue \$2M/yr. - grows as the economy grows
- Revenues are more volatile
- Seen as a less regressive revenue source

**Can be used in combination**

### City Utility Taxes - examples

	Water %	Sewer %	Stormwater %
Bellevue	10.4	5	5
Bellingham	18	12	12
Bothell	11	6	6
Duvall	10	10	10
Edmonds	10	10	10
Everett	6	6	6
Federal Way	8	8	8
Issaquah	3	3	3
Kennewick	16	16	1
Kent	13	10	20

**At a 9% tax rate this would generate \$3,250,000/yr.**

Olympia	6	6	6
Pasco	9	9	9
Puyallup	8	8	8
Renton	6	6	7
Richland	12	11	9
Spokane	20	20	20
Wenatchee	16	16	16
Seattle	15.54	11.5	12
Bremerton	16	2	2
Tacoma	8	8	8

**11.04**

**9.20**

**8.82**





## Important Take-aways:

- Redmond's street network PCI has gone from 77 to 70 in just 5 years and will continue to decline at this rate without additional focus and funding
- Postponing pavement preservation increases costs in a non-linear way, i.e. "Pay me now or pay me much more later"
- There are several options available to generate the resources to begin addressing this problem



## **Recommendations:**

- **Create an inter-departmental team including Finance, Traffic Operations, Street Maintenance, Construction, and Communications tasked with developing a sustainable Pavement Preservation Program**
- **Work with City Council, key stakeholders, and the general public to inform and build support for this program**
- **In parallel, and recognizing the need to start as soon as possible, work with the Finance and Executive Departments to develop an ordinance to establish a TBD for Council consideration at the earliest possible time and dedicate these resources to pavement management**

# Thank You

Any Questions?

Phil Williams  
*pwilliams@redmond.gov*





# City of Redmond

15670 NE 85th Street  
Redmond, WA

## Memorandum

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**Date:** 5/10/2022

**Meeting of:** City Council Study Session

**File No.** SS 22-035

**Type:** Study Session

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Council Talk Time