



CITY OF BEND

# **Septic to Sewer Conversion Program**

## ***2024 Neighborhood Extension Program***

### ***Selection Meeting***

**Teresa Findley, Program Manager**

**Jason Suhr, P.E., PMP**

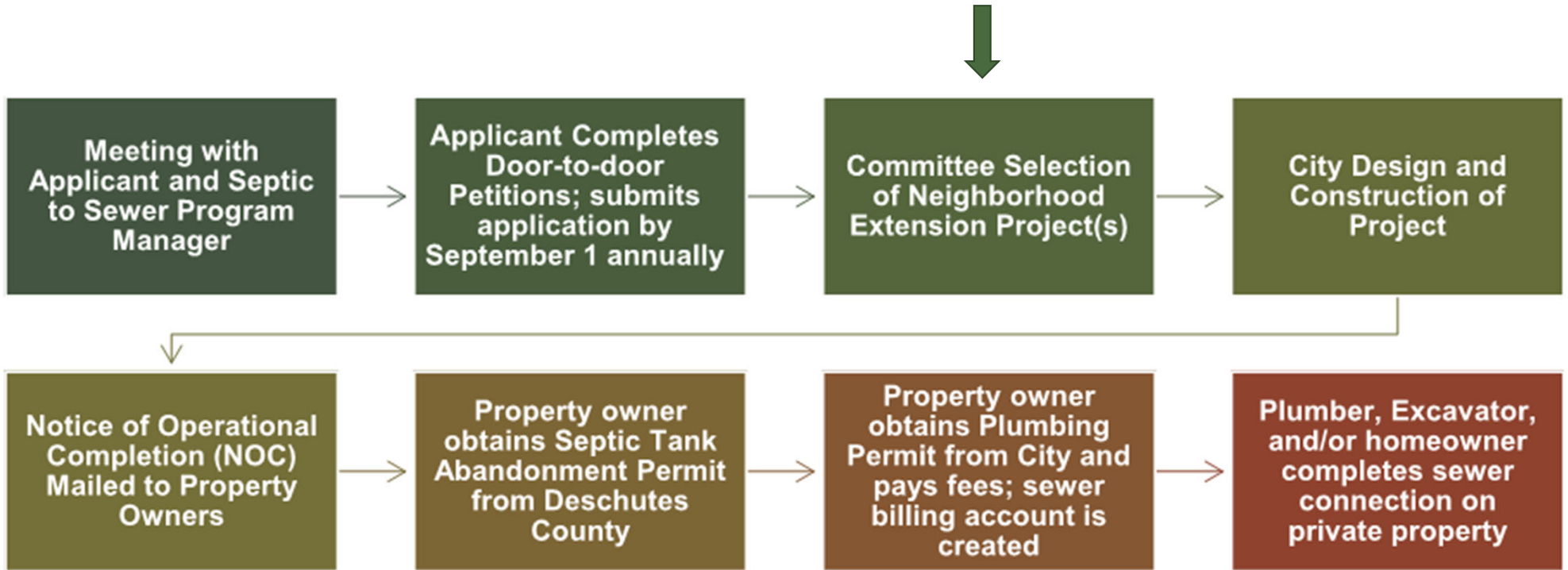
October 28, 2024

# Agenda

- Introductions
  - Committee Members
    - Councilor – Ariel Mendez
    - Councilor – Anthony Broadman
    - Russ Grayson – Chief Operations Officer
    - Ryan Oster, PE – Engineering Director/City Engineer
    - Eric Forster, PE – Assistant City Engineer
  - Engineering, Legal, and Budget Support Staff
    - Teresa Findley – Program Manager
    - Jason Suhr, PE – Principal Engineer
    - Elizabeth Oshel – Assistant City Attorney
    - Corey Johnson – Engineering Business Manager
- Program Overview
- Applications for Consideration
- Staff Scoring and Recommendation
- Discussion and Vote



# NEP Application Process



# NEP Selection Criteria



**COST OF PROJECT**



**NUMBER OF PROPERTIES TO  
CONNECT**



**PROXIMITY TO CITY-PLANNED  
PROJECTS**



**PERCENTAGE OF  
SIGNATURES**



**AGE & STATUS OF SEPTIC  
SYSTEM**

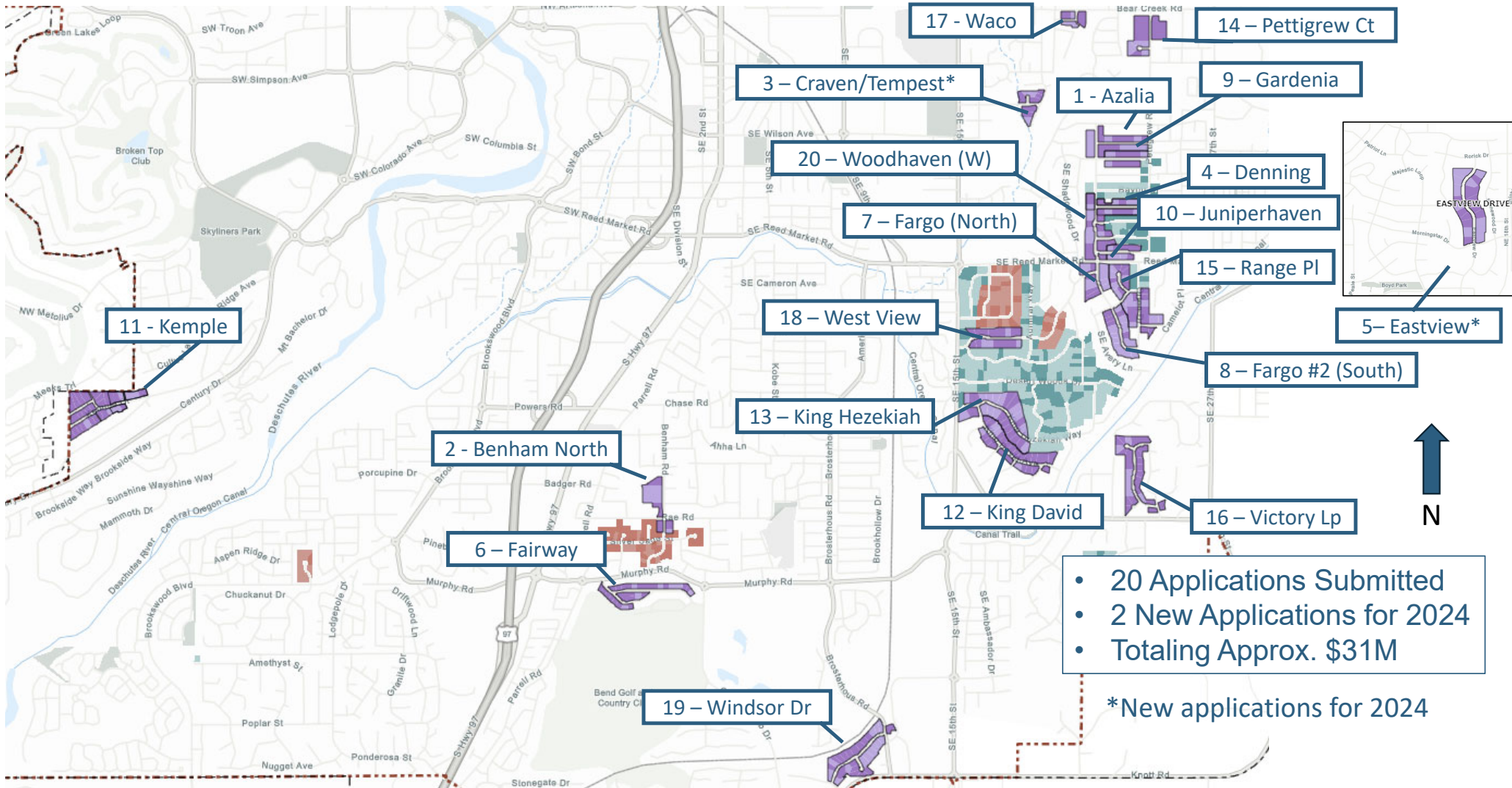


**OTHER FACTORS**



CITY OF BEND

# 2024 Neighborhood Extension Program Applications



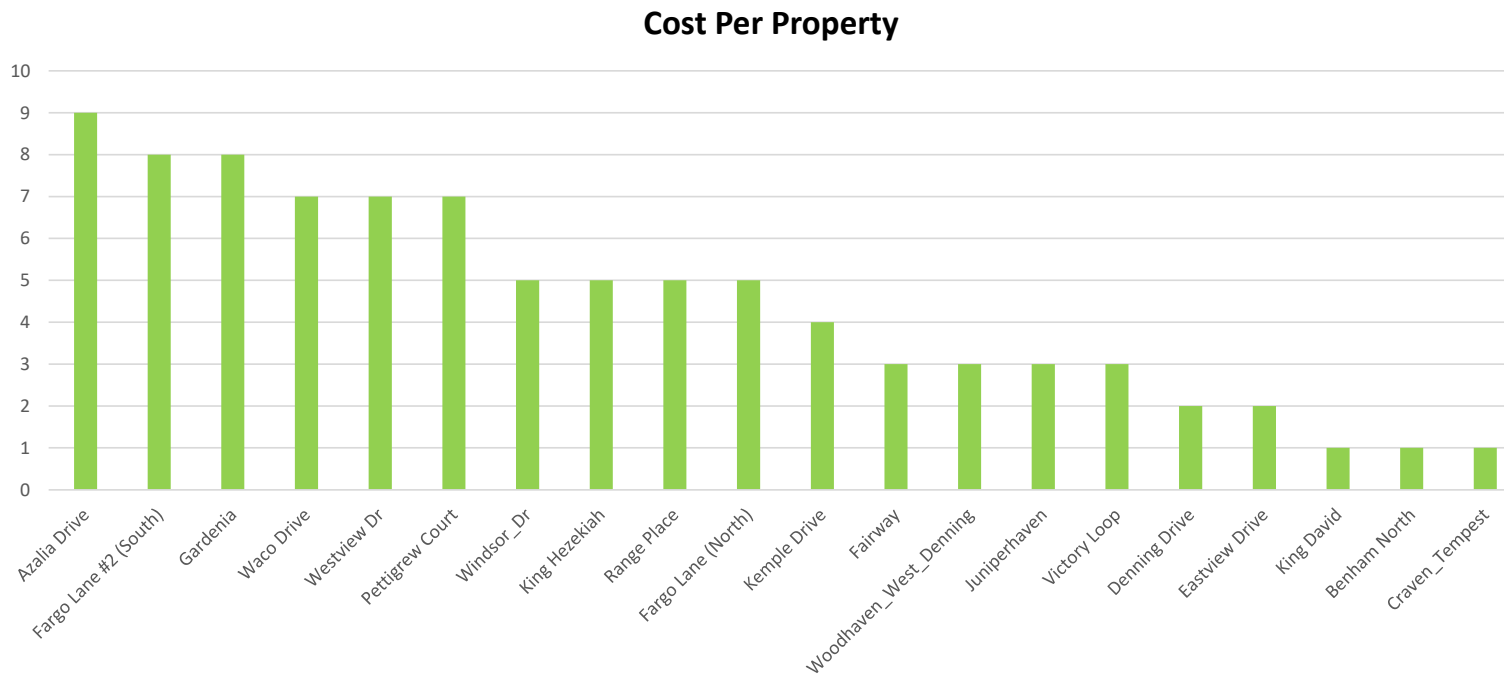


# Scoring Summary – Raw Data

No.	Application Name	Cost Including Design	Length (Linear Feet)	No. of Properties Benefitted	Total Cost Per Property (A/C)*	No. Properties Signed	Percent Signed (E/C)*	Fees to City within 2 Years of NOC (E*\$11,000)*	Adjusted Cost Per Property ([A-G]/C)*	Avg. Age of Septic	No. Failing Septic	Percent of Failing Septic (J/C)*	Notes
1	Azalia Drive	\$ 1,138,500	1,650	21	\$ 54,214	11	52%	\$ 121,000.00	\$ 48,452.38	41	2	10%	Pressure sewer
2	Benham North	\$ 1,182,775	1,210	11	\$ 107,525	4	36%	\$ 44,000.00	\$ 103,525.00	38	0	0%	
3	Craven_Tempest	\$ 1,221,875	1,250	13	\$ 93,990	3	23%	\$ 33,000.00	\$ 91,451.92	48	0	0%	
4	Denning Drive	\$ 1,304,963	1,335	15	\$ 86,998	6	40%	\$ 66,000.00	\$ 82,597.50	44	1	7%	
5	Eastview Dr	\$ 1,791,700	1,980	21	\$ 85,319	10	48%	\$ 110,000.00	\$ 80,080.95	33	1	5%	Pressure and gravity sewer required
6	Fairway	\$ 2,732,113	2,795	33	\$ 82,791	9	27%	\$ 99,000.00	\$ 79,791.29	41	2	6%	
7	Fargo Lane (North)	\$ 894,413	915	12	\$ 74,534	8	67%	\$ 88,000.00	\$ 67,201.04	29	0	0%	
8	Fargo Lane #2 (South)	\$ 1,011,713	1,035	17	\$ 59,513	12	71%	\$ 132,000.00	\$ 51,747.79	28	1	6%	
9	Gardenia	\$ 558,900	810	10	\$ 55,890	3	30%	\$ 33,000.00	\$ 52,590.00	38	0	0%	Pressure sewer
10	Juniperhaven	\$ 733,125	750	9	\$ 81,458	4	44%	\$ 44,000.00	\$ 76,569.44	34	2	22%	
11	Kemple Drive	\$ 2,521,950	2,580	33	\$ 76,423	7	21%	\$ 77,000.00	\$ 74,089.39	31	0	0%	
12	King David	\$ 2,590,375	2,650	26	\$ 99,630	4	15%	\$ 44,000.00	\$ 97,937.50	39	1	4%	
13	King Hezekiah	\$ 1,847,475	1,890	25	\$ 73,899	13	52%	\$ 143,000.00	\$ 68,179.00	42	1	4%	
14	Pettigrew Court	\$ 909,075	930	15	\$ 60,605	5	33%	\$ 55,000.00	\$ 56,938.33	26	0	0%	
15	Range Place	\$ 2,194,488	2,245	30	\$ 73,150	13	43%	\$ 143,000.00	\$ 68,382.92	37	0	0%	
16	Victory Loop	\$ 2,299,713	2,460	29	\$ 79,300	7	24%	\$ 77,000.00	\$ 76,645.26	34	0	0%	Pressure and gravity sewer required
17	Waco Drive	\$ 508,300	520	8	\$ 63,538	4	50%	\$ 44,000.00	\$ 58,037.50	33	1	13%	
18	Westview Dr	\$ 1,119,238	1,145	18	\$ 62,180	4	22%	\$ 44,000.00	\$ 59,735.42	45	0	0%	
19	Windsor_Dr	\$ 2,292,238	2,345	31	\$ 73,943	14	45%	\$ 154,000.00	\$ 68,975.40	40	1	3%	
20	Woodhaven_West_Denning	\$ 2,605,038	2,665	32	\$ 81,407	12	38%	\$ 132,000.00	\$ 77,282.42	37	2	6%	

# Scoring – Adjusted Cost per Property

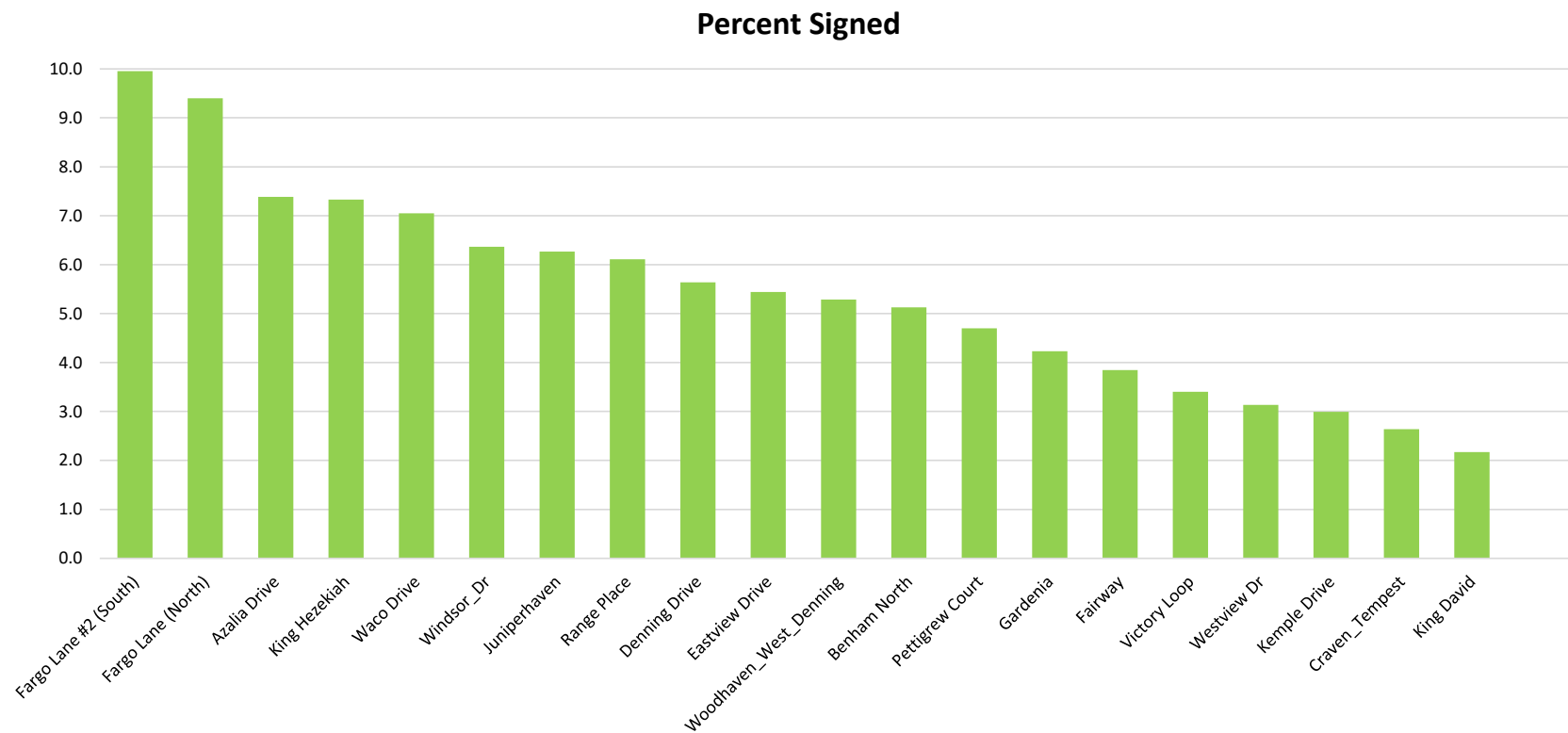
([Cost Including Design – Fees to City within 2 Years of NOC]/# of Properties Benefitted)



- <\$45,000 = 10 pts;
- \$45,001-50,000 = 9 pts;
- \$50,001-55,000 = 8 pts;
- \$55,001-60,000 = 7 pts;
- \$60,001-65,000 = 6 pts;
- \$65,001-70,000 = 5 pts;
- \$70,001-75,000 = 4 pts;
- \$75,001-80,000 = 3 pts;
- \$80,001-85,000 = 2 pts;
- >\$85,001= 1 pt

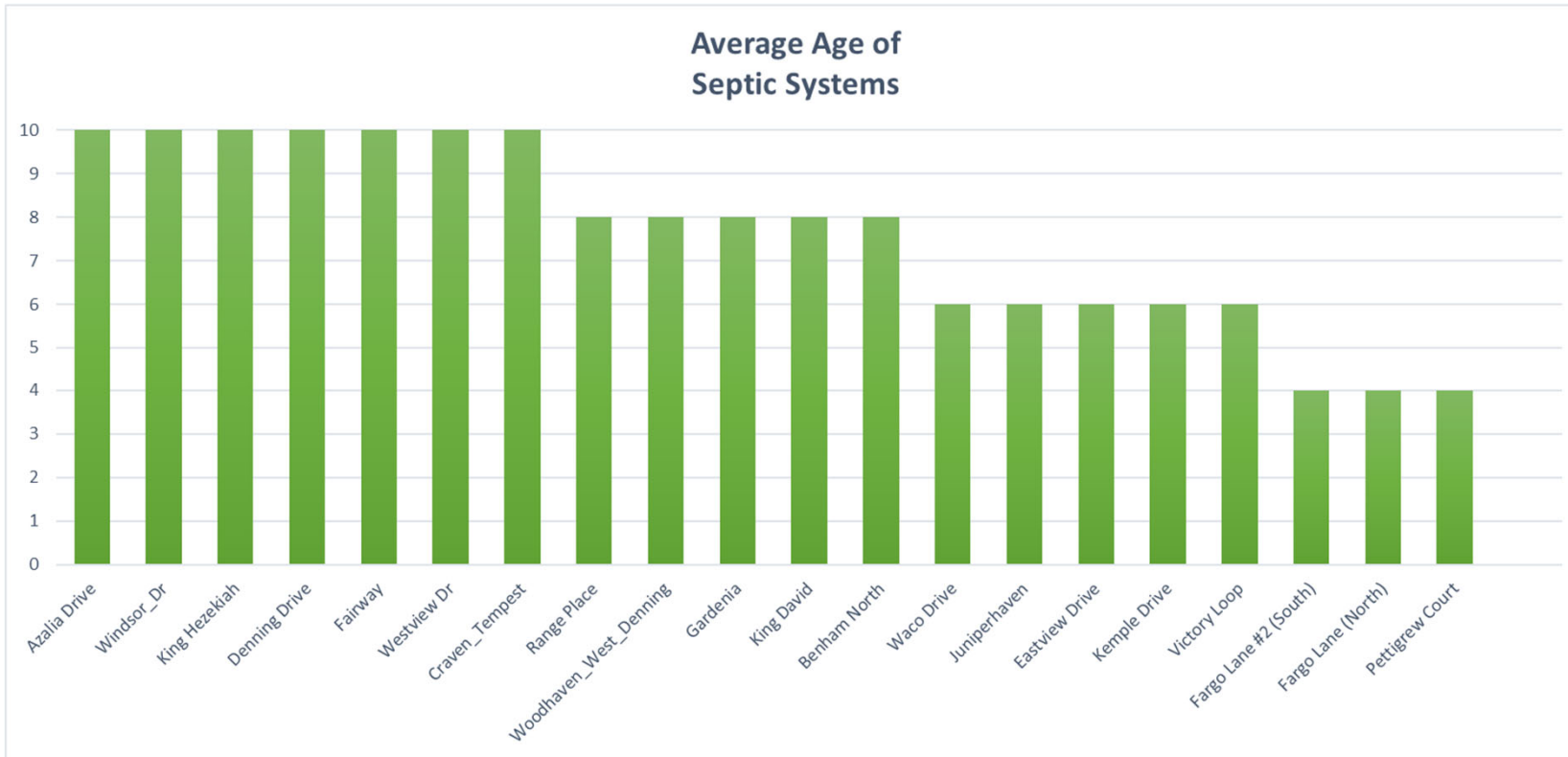
# Scoring – Percent Signed

(# of Properties Signed/# of Properties Benefitted)\*(Weighted Factor)





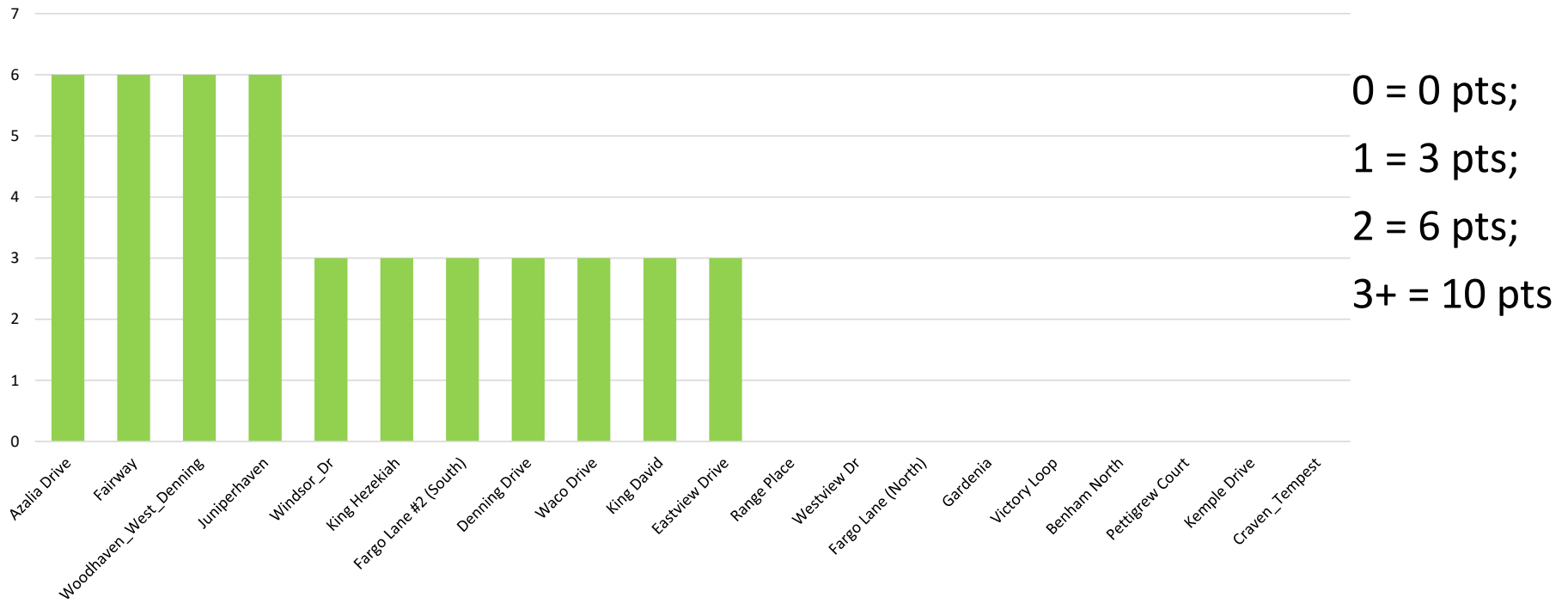
# Scoring – Average Age of Septic Systems



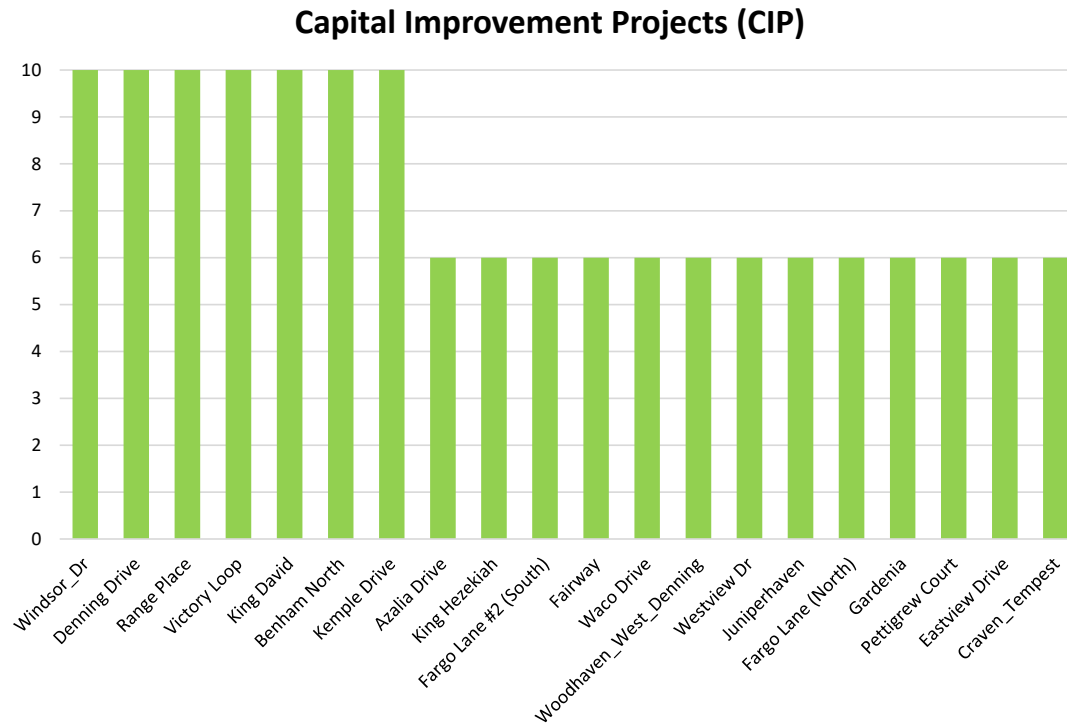
0-29 yrs = 4 pts;  
30-34 yrs = 6 pts;  
35-39 yrs = 8 pts;  
40+ yrs = 10 pts

# Scoring – Number of Failing Septic Systems

Failing Septic Systems



# Scoring – Capital Improvement Projects (CIP)



- Project may be addressed by a future capital improvement project = 3 pts;
- Project is isolated and does not facilitate construction of sewer in other areas = 6 pts;
- Project facilitates construction of sewer in other areas = 10 pts

# 2024 Selection Options

One-time option to increase selection/program funding

1. Financials
  1. >\$30M in Septic to Sewer applications
  2. Available Budget within CIP
    1. Annual program funding - \$3.5M
    2. Savings from past S2S projects
    3. Rate Model Support
2. Water Reclamation Fund CIP
  1. Project List
    1. Active CSMP and FPU projects
      1. New 20-yr CIP forthcoming
3. Resources
  1. Project Management
  2. Internal Design



# Scores & Staff Recommendation

**OPTION A**

No.	Application Name	Cost Per Property	Percent Signed	Average Age of Septic Systems	Failing Septic Systems	Capital Improvement Projects (CIP)	Score	Funding Required*	Selection Cycles
1	Azalia Drive	9	7.4	10	6	6	38.4	\$ 1,138,500	3
19	Windsor Dr	5	6.4	10	3	10	34.4	\$ 2,292,238	1
13	King Hezekiah	5	7.3	10	3	6	31.3	\$ 1,662,728	5
8	Fargo Lane #2 (South)	8	10.0	4	3	6	31.0	\$ 1,011,713	4
4	Denning Drive	2	5.6	10	3	10	30.6	\$ 1,304,963	3
15	Range Place	5	6.1	8	0	10	29.1	\$ 1,975,039	5
17	Waco Drive	7	7.1	6	3	6	29.1	\$ 508,300	3
6	Fairway	3	3.8	10	6	6	28.8	\$ 2,732,113	1
20	Woodhaven_West_Denning	3	5.3	8	6	6	28.3	\$ 2,605,038	4
10	Juniperhaven	3	6.3	6	6	6	27.3	\$ 733,125	4
9	Gardenia	8	4.2	8	0	6	26.2	\$ 558,900	2
18	Westview Dr	7	3.1	10	0	6	26.1	\$ 1,007,314	3
7	Fargo Lane (North)	5	9.4	4	0	6	24.4	\$ 894,413	5
12	King David	1	2.2	8	3	10	24.2	\$ 2,331,338	2
2	Benham North	1	5.1	8	0	10	24.1	\$ 1,182,775	4
5	Eastview Drive	2	6.7	6	3	6	23.7	\$ 1,791,700	0
11	Kemple Drive	4	3.0	6	0	10	23.0	\$ 2,521,950	5
16	Victory Loop	3	3.4	6	0	10	22.4	\$ 2,299,713	3
14	Pettigrew Court	7	4.7	4	0	6	21.7	\$ 909,075	2
3	Craven_Tempest	1	3.3	10	0	6	20.3	\$ 1,221,875	0



CITY OF BEND

# Scores & Staff Recommendation

**OPTION B**

No.	Application Name	Cost Per Property	Percent Signed	Average Age of Septic Systems	Failing Septic Systems	Capital Improvement Projects (CIP)	Score	Funding Required*	Selection Cycles
1	Azalia Drive	9	7.4	10	6	6	38.4	\$ 1,138,500	3
19	Windsor_Dr	5	6.4	10	3	10	34.4	\$ 2,292,238	1
13	King Hezekiah	5	7.3	10	3	6	31.3	\$ 1,662,728	5
8	Fargo Lane #2 (South)	8	10.0	4	3	6	31.0	\$ 1,011,713	4
4	Denning Drive	2	5.6	10	3	10	30.6	\$ 1,304,963	3
15	Range Place	5	6.1	8	0	10	29.1	\$ 1,975,039	5
17	Waco Drive	7	7.1	6	3	6	29.1	\$ 508,300	3
6	Fairway	3	3.8	10	6	6	28.8	\$ 2,732,113	1
20	Woodhaven_West_Denning	3	5.3	8	6	6	28.3	\$ 2,605,038	4
10	Juniperhaven	3	6.3	6	6	6	27.3	\$ 733,125	4
9	Gardenia	8	4.2	8	0	6	26.2	\$ 558,900	2
18	Westview Dr	7	3.1	10	0	6	26.1	\$ 1,007,314	3
7	Fargo Lane (North)	5	9.4	4	0	6	24.4	\$ 894,413	5
12	King David	1	2.2	8	3	10	24.2	\$ 2,331,338	2
2	Benham North	1	5.1	8	0	10	24.1	\$ 1,182,775	4
5	Eastview Drive	2	6.7	6	3	6	23.7	\$ 1,791,700	0
11	Kemple Drive	4	3.0	6	0	10	23.0	\$ 2,521,950	5
16	Victory Loop	3	3.4	6	0	10	22.4	\$ 2,299,713	3
14	Pettigrew Court	7	4.7	4	0	6	21.7	\$ 909,075	2
3	Craven_Tempest	1	3.3	10	0	6	20.3	\$ 1,221,875	0



CITY OF BEND



# 2024 Neighborhood Extension Program Selection

**OPTION A**

11 - Kemple

2 - Benham North

6 - Fairway

19 - Windsor Dr

13 - King Hezekiah

18 - West View

7 - Fargo (North)

20 - Woodhaven (W)

3 - Craven/Tempest\*

17 - Waco

1 - Azalia

14 - Pettigrew Ct

9 - Gardenia

4 - Denning

10 - Juniperhaven

15 - Range Pl

8 - Fargo #2 (South)

5 - Eastview\*

12 - King David

16 - Victory Lp

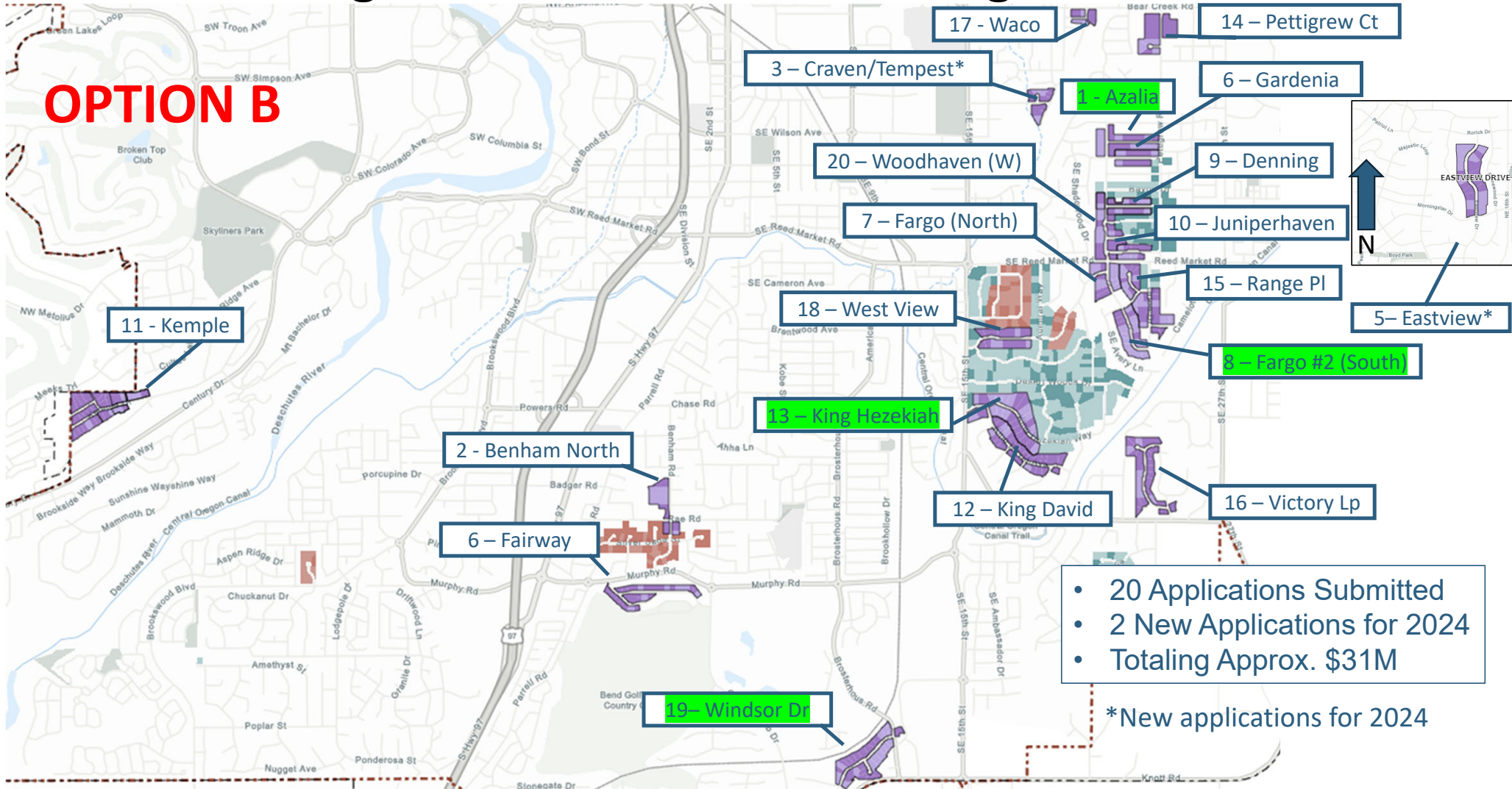
- 20 Applications Submitted
- 2 New Applications for 2024
- Totaling Approx. \$31M

\*New applications for 2024



# 2024 Neighborhood Extension Program Selection

**OPTION B**





# NEIGHBORHOOD EXTENSION PROJECTS

## PROJECT: AZALIA DRIVE **OPTION A**

### Neighborhood Extension Taxlots

- Not Signed
- Signed

### Collections Infrastructure

- Proposed Sanitary Pipe
- Pressurized Main
- Force Main
- Vacuum Main
- Active Gravity Main
- Proposed Gravity Main
- Gravity Manhole
- Access Port
- Clean Out Manhole
- Pressure Manhole

### Roads

- Highway
- Major Roads
- Local Roads
- Railroad

### Boundaries

- Taxlots
- Urban Growth Boundary
- City Limits

**NORTH**  
 Map prepared by: City of Bend  
 Print Date: Oct 04, 2024  
 Sources: City of Bend, Deschutes County



**CITY OF BEND**  
 This map is for reference purposes only. Care was taken in the creation of this map, but it is provided "AS IS." Please contact the City of Bend to verify map information or to request any errors.







# NEIGHBORHOOD EXTENSION PROJECTS

## PROJECT: WINDSOR DRIVE OPTION A

### Neighborhood Extension Taxlots

- Not Signed
- Signed

### Collections Infrastructure

- Proposed Sanitary Pipe
- Pressurized Main
- Force Main
- Vacuum Main
- Active Gravity Main
- Proposed Gravity Main
- Gravity Manhole
- Access Port
- Clean Out Manhole
- Pressure Manhole

### Roads

- Highway
- Major Roads
- Local Roads
- Railroad

### Boundaries

- Taxlots
- Urban Growth Boundary
- City Limits

NORTH  
 0 100 200 feet  
 Map prepared by: City of Bend  
 Print Date: Oct 04, 2024  
 Sources: City of Bend, Deschutes County



**CITY OF BEND**  
 This map is for reference purposes only. Care  
 was taken in the creation of this map, but it is  
 provided "AS IS." Please contact the City of Bend  
 to verify map information or to report any errors.



# NEIGHBORHOOD EXTENSION PROJECTS

## PROJECT: KING HEZEKIAH OPTION B

### Neighborhood Extension Taxlots

- Not Signed
- Signed

### Collections Infrastructure

- Proposed Sanitary Pipe
- Pressurized Main
- Force Main
- Vacuum Main
- Active Gravity Main
- Proposed Gravity Main
- Gravity Manhole
- Access Port
- Clean Out Manhole
- Pressure Manhole

### Roads

- Highway
- Major Roads
- Local Roads
- Railroad

### Boundaries

- Taxlots
- Urban Growth Boundary
- City Limits

NORTH  
 Map prepared by: City of Bend  
 Print Date: Oct 04, 2024  
 Sources: City of Bend, Deschutes County



CITY OF BEND  
 This map is for reference purposes only. Care  
 was taken in the creation of this map, but it is  
 provided "AS IS." Please contact the City of Bend  
 to verify map information or to report any errors.





# NEIGHBORHOOD EXTENSION PROJECTS

PROJECT: FARGO LANE (SOUTH) **OPTION B**

## Neighborhood Extension Taxlots

- Not Signed
- Signed

## Collections Infrastructure

- Proposed Sanitary Pipe
- Pressurized Main
- Force Main
- Vacuum Main
- Active Gravity Main
- Proposed Gravity Main
- Gravity Manhole
- Access Port
- Clean Out Manhole
- Pressure Manhole

## Roads

- Highway
- Major Roads
- Local Roads
- Railroad

## Boundaries

- Taxlots
- Urban Growth Boundary
- City Limits

**NRRI**  
 Map prepared by: City of Bend  
 Print Date: Oct 06, 2024  
 Sources: City of Bend, Deschutes County



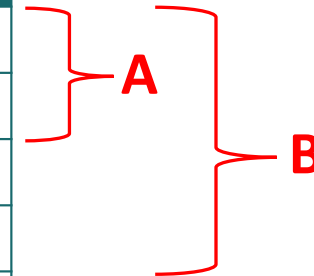
**CITY OF BEND**  
 This map is for reference purposes only. Care was taken in the creation of this map, but it is provided "AS IS." Please contact the City of Bend to verify map information or to report any errors.





# Staff Recommendation

Septic to Sewer Program Budget	
Annual Program Budget	\$3,500,000
Staff Recommendation	
Azalia Drive	\$1,138,500
Windsor Drive	\$2,292,238
King Hezekiah	\$1,662,728
Fargo Lane #2 (South)	\$1,011,713
<b>Total</b>	<b>\$6,105,178</b>
Additional Funding Required*	
	\$2,605,178



**OPTION A = \$3,430,738**

**OPTION B = \$6,105,178**

# Discussion / Q & A / Vote



# Accommodation Information for People with Disabilities



To obtain this information in an alternate format such as Braille, large print, electronic formats, etc. please contact Septic to Sewer program staff at [septic2sewer@bendoregon.gov](mailto:septic2sewer@bendoregon.gov) or 541-330-4000; Relay Users Dial 7-1-1.