



CITY OF BEND

Septic to Sewer Conversion Program

2023 Neighborhood Extension Program

Committee Meeting

Teresa Findley, Program Manager

Jason Suhr, P.E., PMP

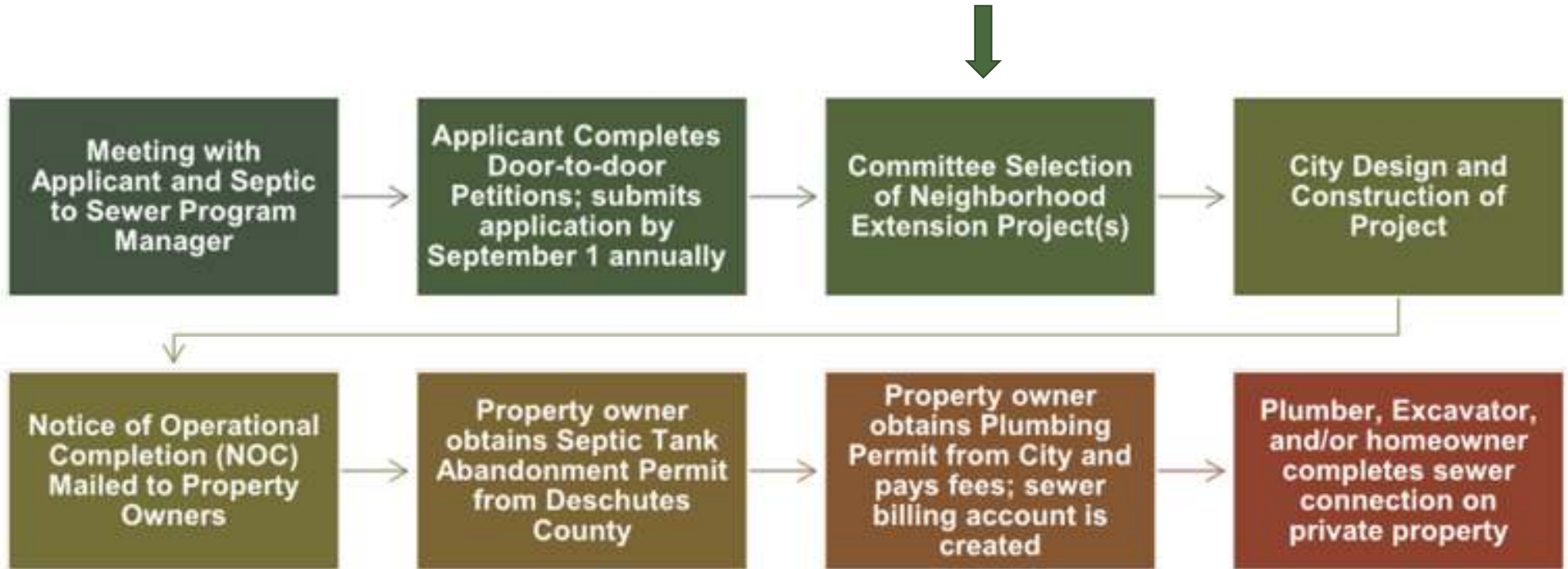
October 16, 2023 – 3:30 PM

Agenda

- Introductions
 - Committee Members
 - Mayor Melanie Kebler
 - Councilor Barbara Campbell
 - Eric King - City Manager
 - Ryan Oster, PE – EIPD 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 – EIPD Business Operations Manager & CIP Analyst
- 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**



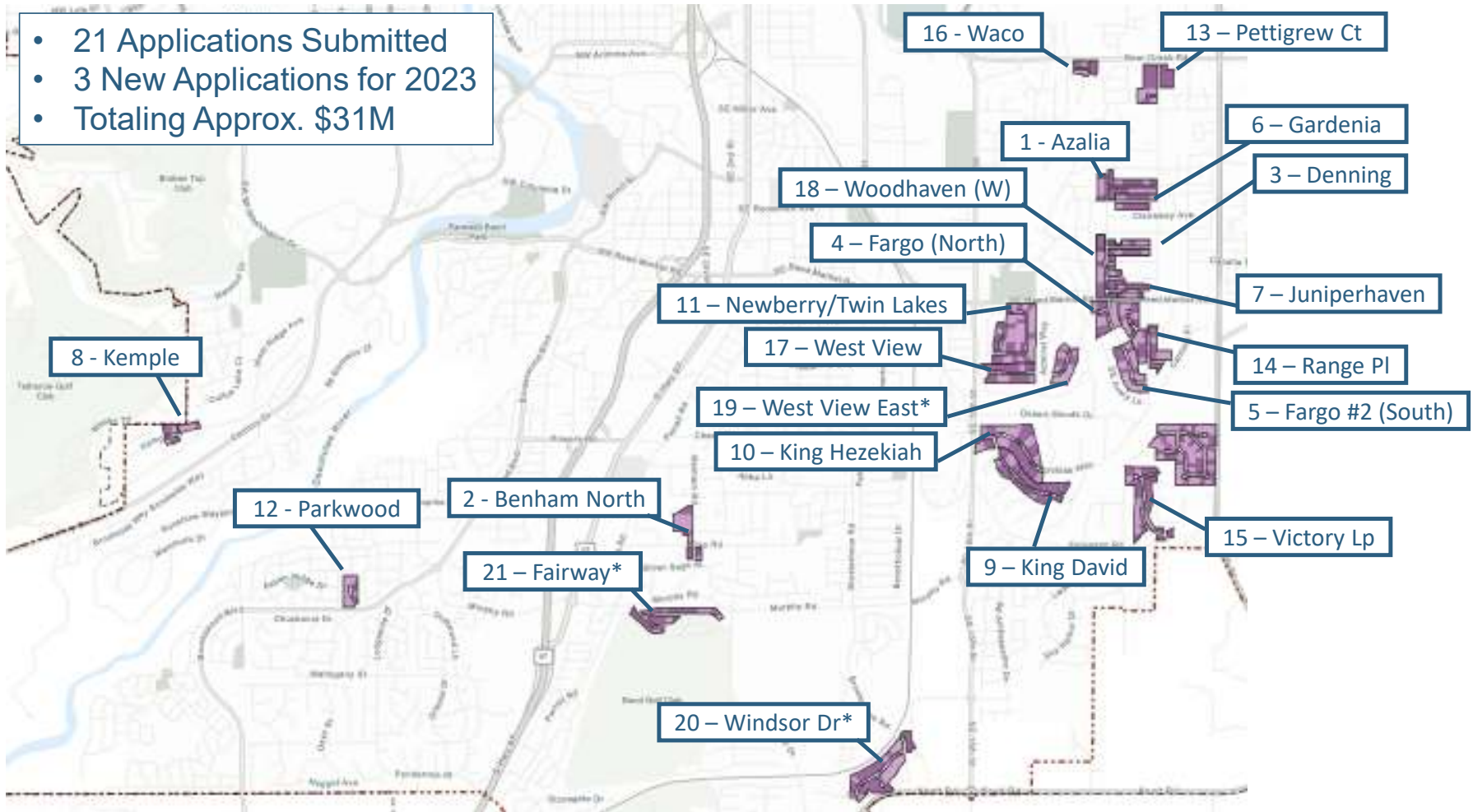
OTHER FACTORS



CITY OF BEND

2023 Neighborhood Extension Program Applications

- 21 Applications Submitted
- 3 New Applications for 2023
- Totaling Approx. \$31M

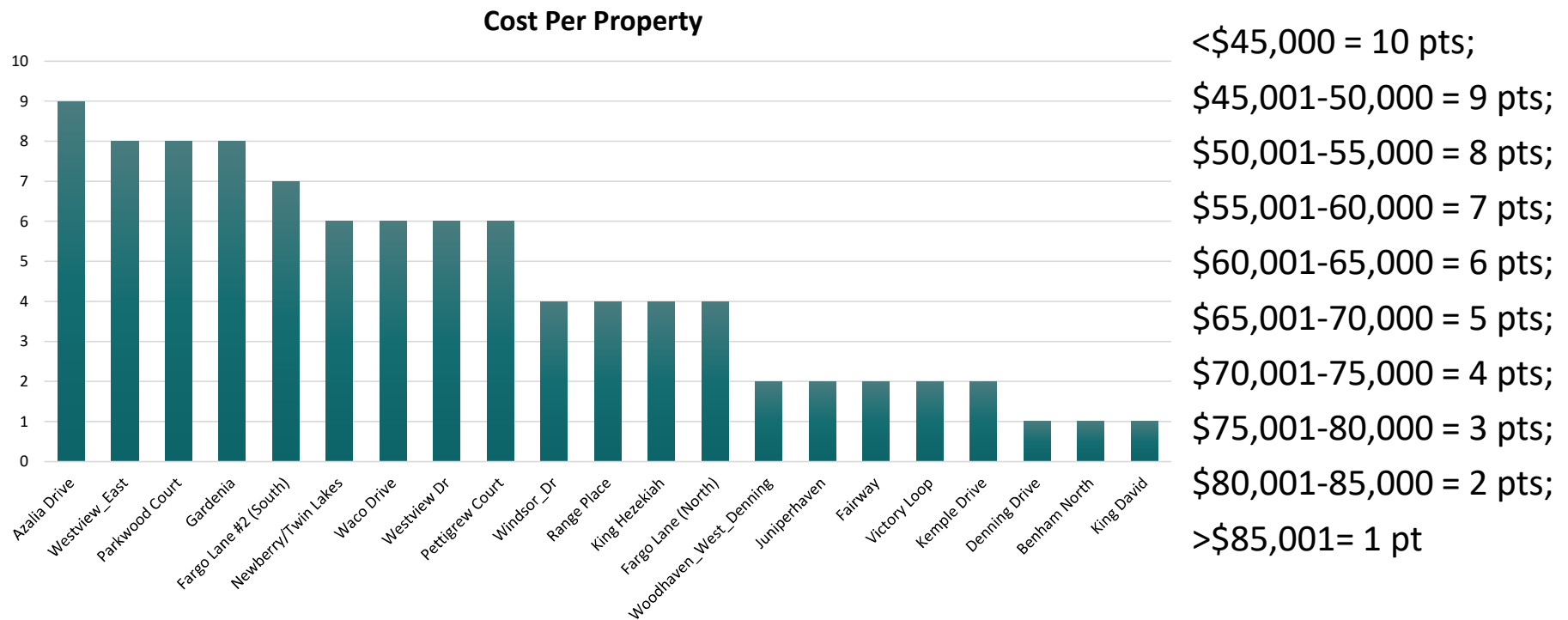


Scoring Summary – Raw Data

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	9	43%	\$ 99,000.00	\$ 49,500.00	40	1	5%	Pressure sewer
2	Benham North	\$ 1,252,350	1,210	11	\$ 113,850	5	45%	\$ 55,000.00	\$ 108,850.00	37	0	0%	Discharges to Southeast Interceptor; Facilitates future development on adjacent local roadways;
3	Denning Drive	\$ 1,381,725	1,335	15	\$ 92,115	5	33%	\$ 55,000.00	\$ 88,448.33	40	1	7%	Discharges to Southeast Interceptor
4	Fargo Lane (North)	\$ 947,025	915	12	\$ 78,919	7	58%	\$ 77,000.00	\$ 72,502.08	28	0	0%	Discharges to Southeast Interceptor
5	Fargo Lane #2 (South)	\$ 1,071,225	1,035	17	\$ 63,013	11	65%	\$ 121,000.00	\$ 55,895.59	27	1	6%	Discharges to existing gravity sewer main and pump station
6	Gardenia	\$ 558,900	810	10	\$ 55,890	3	30%	\$ 33,000.00	\$ 52,590.00	37	0	0%	Pressure sewer required
7	Juniperhaven	\$ 776,250	750	9	\$ 86,250	3	33%	\$ 33,000.00	\$ 82,583.33	33	2	22%	discharges to Southeast Interceptor
8	Kemple Drive	\$ 874,575	845	10	\$ 87,458	4	40%	\$ 44,000.00	\$ 83,057.50	23	0	0%	Includes one vacant lot
9	King David	\$ 2,742,750	2,650	26	\$ 105,490	4	15%	\$ 44,000.00	\$ 103,798.08	38	1	4%	Discharges to Southeast Interceptor
10	King Hezekiah	\$ 1,956,150	1,890	25	\$ 78,246	11	44%	\$ 121,000.00	\$ 73,406.00	41	1	4%	Discharges to Southeast Interceptor
11	Newberry/Twin Lakes	\$ 2,794,500	2,700	41	\$ 68,159	25	61%	\$ 275,000.00	\$ 61,451.22	42	2	5%	Discharges to Southeast Interceptor
12	Parkwood Court	\$ 503,700	730	8	\$ 62,963	7	88%	\$ 77,000.00	\$ 53,337.50	26	1	13%	Gravity not cost effective; pressure sewer would be required to connect to Romaine Village area
13	Pettigrew Court	\$ 962,550	930	15	\$ 64,170	5	33%	\$ 55,000.00	\$ 60,503.33	25	0	0%	Discharges to Southeast Interceptor
14	Range Place	\$ 2,323,575	2,245	30	\$ 77,453	14	47%	\$ 154,000.00	\$ 72,319.17	36	0	0%	Discharges to Southeast Interceptor
15	Victory Loop	\$ 2,420,175	2,460	29	\$ 83,454	9	31%	\$ 99,000.00	\$ 80,040.52	33	0	0%	Pressure and gravity sewer required; dependent on Ferguson Extension Project scheduled for construction in 2023
16	Waco Drive	\$ 538,200	520	8	\$ 67,275	4	50%	\$ 44,000.00	\$ 61,775.00	32	1	13%	Discharges to Cessna Rd
17	Westview Dr	\$ 1,185,075	1,145	18	\$ 65,838	4	22%	\$ 44,000.00	\$ 63,393.06	44	0	0%	Discharges to Southeast Interceptor
18	Woodhaven_West_Dennin	\$ 2,758,275	2,665	32	\$ 86,196	11	34%	\$ 121,000.00	\$ 82,414.84	35	2	6%	Discharges to Southeast Interceptor; Includes Denning, dependent on Denning for SEI discharge
19	Westview_East	\$ 900,450	870	15	\$ 60,030	10	67%	\$ 110,000.00	\$ 52,696.67	42	4	27%	Discharges to Southeast Interceptor
20	Windsor_Dr	\$ 2,427,075	2345	31	\$ 78,293	14	45%	\$ 154,000.00	\$ 73,325.00	39	1	3%	Discharges to Southeast Interceptor
21	Fairway	\$ 2,892,825	2,795	33	\$ 87,661	8	24%	\$ 88,000.00	\$ 84,994.70	40	2	6%	Discharges to Southeast Interceptor

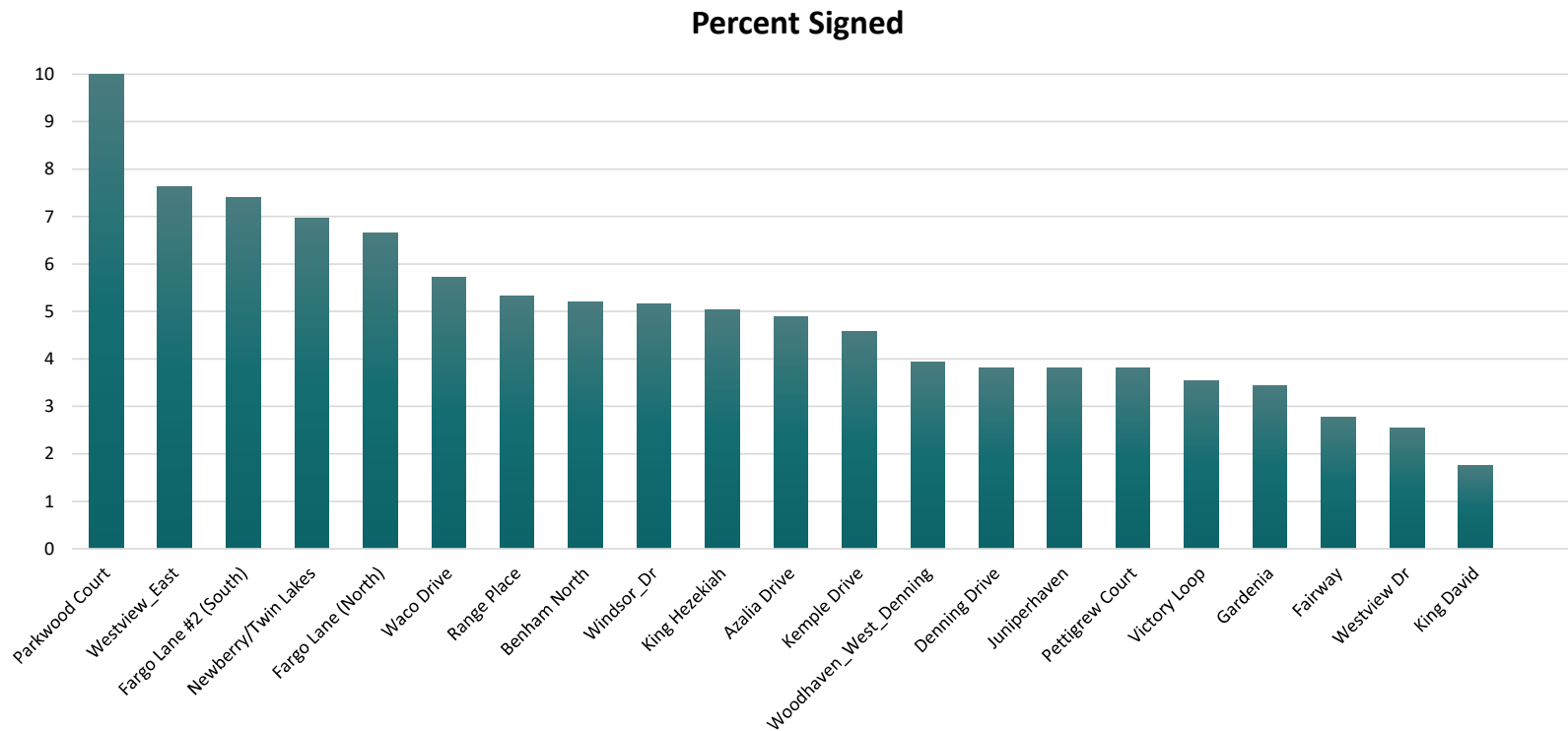
Scoring – Adjusted Cost per Property

([Cost Including Design – Fees to City within 2 Years of NOC]/No. Properties Benefitted)

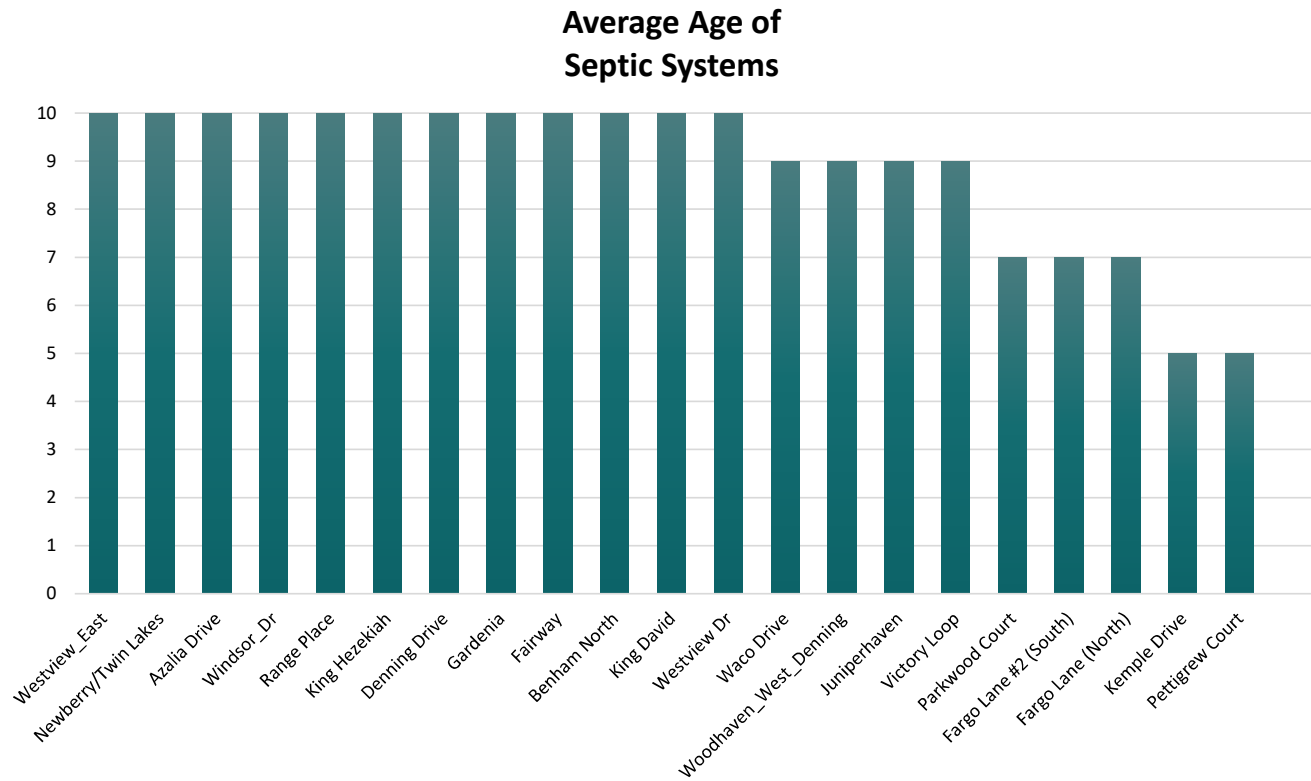


Scoring – Percent Signed

(No. Properties Signed/No. Properties Benefitted)*11.43
(weighted to a maximum score of 10)

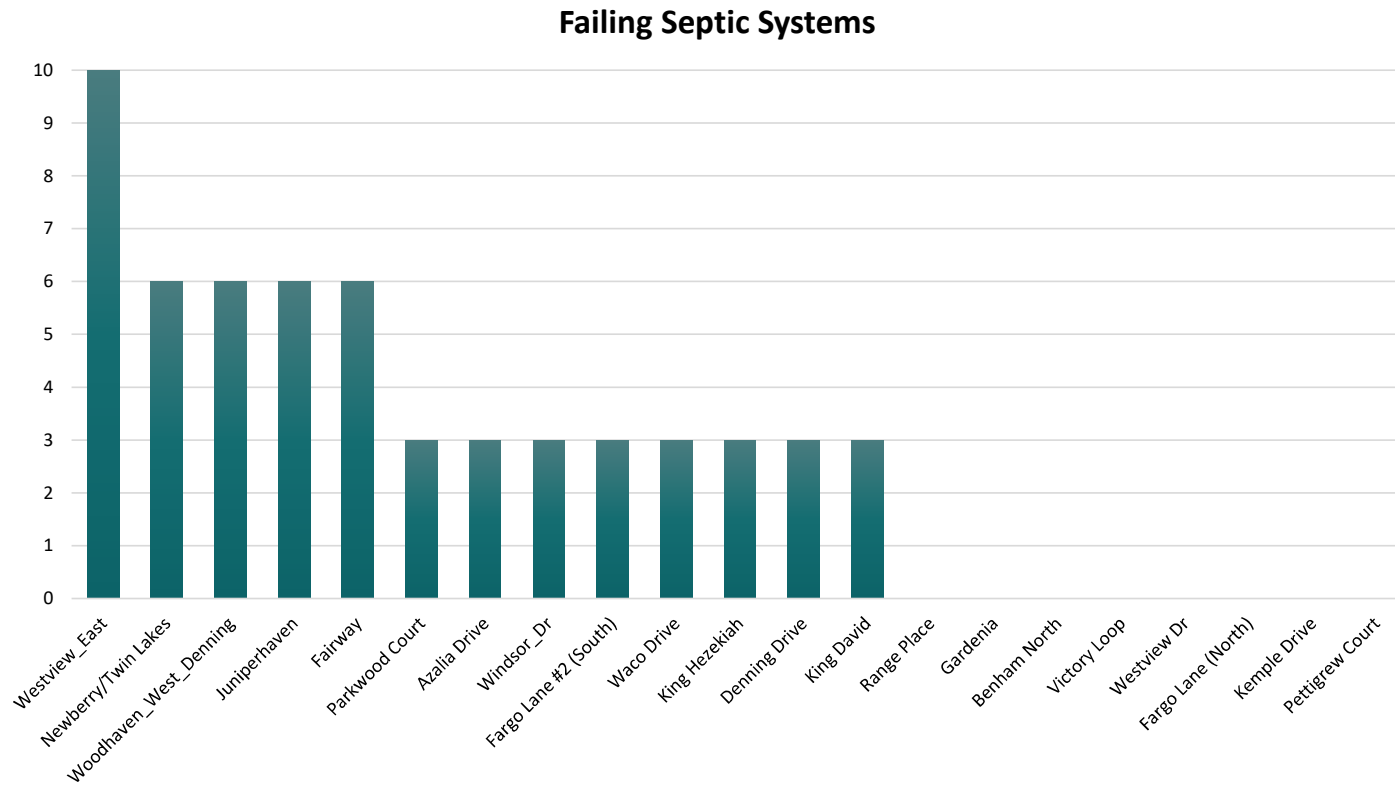


Scoring – Average Age of Septic Systems



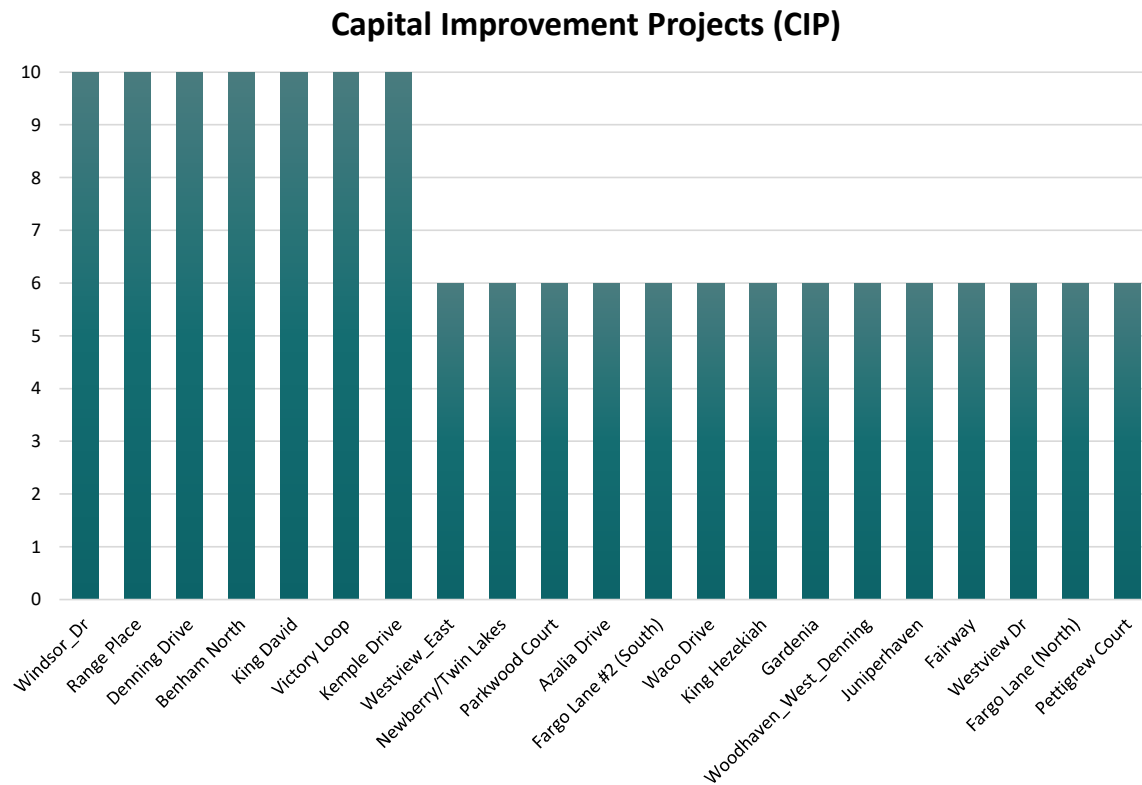
< 25 yr = 5 pts;
25-29 yr = 7 pts;
30-34 yr = 9 pts;
≥ 35 yr = 10 pts

Scoring – Number of Failing Septic Systems



0 = 0 pts;
1 = 3 pts;
2 = 6 pts;
3+ = 10 pts

Scoring – Capital Improvement Projects (CIP)

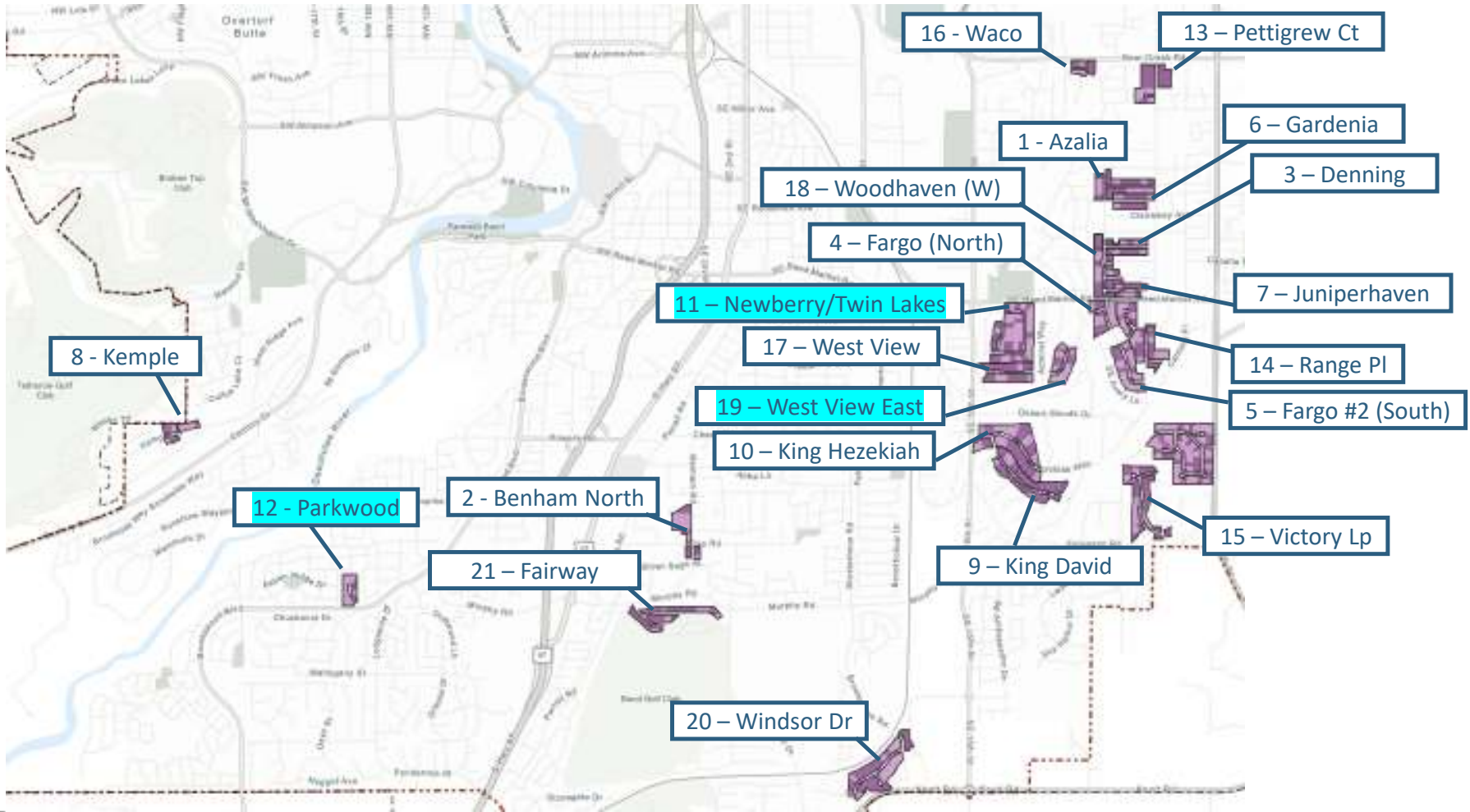


- Project may be addressed by a future capital improvement project = 3 pts;
- Project is isolated and does not facilitate construction of sewer in other areas = 6 pts;
- Project facilitates construction of sewer in other areas = 10 pts

Scores & Staff Recommendation

Application No.	Rank	Application Name	Cost Per Property	Percent Signed	Average Age of Septic Systems	Failing Septic Systems	Capital Improvement Projects (CIP)	Score	Funding Required*	Previous Selection
19	1	Westview_East	8	7.6	10	10	6	41.6	\$ 810,405.00	0
11	2	Newberry/Twin Lakes	6	7.0	10	6	6	35.0	\$ 2,515,050.00	4
12	3	Parkwood Court	8	10.0	7	3	6	34.0	\$ 503,700.00	4
1	4	Azalia Drive	5	4.5	10	3	8	32.5	\$ 1,150,500.00	2
20	5	Windsor_Dr	4	5.2	10	3	10	32.2	\$ 2,427,075.00	0
5	6	Fargo Lane #2 (South)	7	7.4	7	3	6	30.4	\$ 1,071,225.00	3
16	7	Waco Drive	6	5.7	9	3	6	29.7	\$ 538,200.00	2
14	8	Range Place	4	5.3	10	0	10	29.3	\$ 2,091,217.50	4
10	9	King Hezekiah	4	5.0	10	3	6	28.0	\$ 1,760,535.00	4
3	10	Denning Drive	1	3.8	10	3	10	27.8	\$ 1,381,725.00	2
6	11	Gardenia	8	3.4	10	0	6	27.4	\$ 558,900.00	1
18	12	Woodhaven_West_Denning	2	3.9	9	6	6	26.9	\$ 2,758,275.00	3
7	13	Juniperhaven	2	3.8	9	6	6	26.8	\$ 776,250.00	3
21	14	Fairway	2	2.8	10	6	6	26.8	\$ 2,892,825.00	0
2	15	Benham North	1	5.2	10	0	10	26.2	\$ 1,252,350.00	3
9	16	King David	1	1.8	10	3	10	25.8	\$ 2,468,475.00	1
15	17	Victory Loop	2	3.5	9	0	10	24.5	\$ 2,420,175.00	2
17	18	Westview Dr	6	2.5	10	0	6	24.5	\$ 1,066,567.50	2
4	19	Fargo Lane (North)	4	6.7	7	0	6	23.7	\$ 947,025.00	4
8	20	Kemple Drive	2	4.6	5	0	10	21.6	\$ 874,575.00	4
13	21	Pettigrew Court	6	3.8	5	0	6	20.8	\$ 962,550.00	1

2023 Neighborhood Extension Program Selection



West View East

NEIGHBORHOOD EXTENSION PROJECTS

PROJECT: WESTVIEW EAST

Project Cost: \$900,450.00
 Linear Footage: 870
 # of Properties: 15
 # of Properties Signed: 10
 # of Failing Septics: 4
 Avg. Septic Age: 42

- Urban Growth Boundary
- City Limits
- Neighborhood Extension Taxlots**
 - Not Signed
 - Signed
- Collections Infrastructure**
 - Proposed Sanitary Pipe
 - Pressurized Main
 - Force Main
 - Vacuum Main
 - Active Gravity Main
 - Proposed Gravity Main
 - GravityManhole
 - AccessPort
 - CleanOutManhole
 - PressureManhole

- Roads**
 - Highway
 - Major Roads
 - Local Roads
 - Railroad

Map prepared by TSI, City of Bend

 Print Date: Oct 16, 2023

 Sources: City of Bend, Deschutes County



CITY OF BEND

This map is for informational purposes only. Care
 has been taken in the creation of this map, but it is
 guaranteed "AS IS". Please contact the City of Bend
 for any map information or to request any errors.



Newberry/ Twin Lakes

NEIGHBORHOOD EXTENSION PROJECTS

PROJECT: NEWBERRY/TWIN LAKES

Project Cost:	\$2,794,500.00
Linear Footage:	2700
# of Properties:	41
# of Properties Signed:	25
# of Failing Septics:	2
Avg. Septic Age:	42

- Urban Growth Boundary
- City Limits
- Neighborhood Extension Taxlots**
 - Not Signed
 - Signed
- Collections Infrastructure**
 - Proposed Sanitary Pipe
 - Pressurized Main
 - Force Main
 - Vacuum Main
 - Active Gravity Main
 - Proposed Gravity Main
 - GravityManhole
 - AccessPort
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Map prepared by T.A. City of Bend
 Print Date: 03/10/2022
 Sources: City of Bend, Deschutes County



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Parkwood Ct.

NEIGHBORHOOD EXTENSION PROJECTS

PROJECT: PARKWOOD COURT

Project Cost:	\$503,700.00
Linear Footage:	730
# of Properties:	8
# of Properties Signed:	7
# of Failing Septics:	1
Avg. Septic Age:	26

- Urban Growth Boundary
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 - Signed
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- Roads**
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0 100 200 Feet
 Map created by TSI, City of Bend
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Staff Recommendation

Program Budget	
Annual Budget for 2023 Selection	\$3,500,000
Staff Recommendation	
Westview_East	\$810,405
Newberry/Twin Lakes	\$2,515,050
Parkwood Court	\$503,700
Total	\$3,829,155
Budget Deficit*	
	\$329,155

*The budget deficit is projected to be covered with savings from the recently completed Pettigrew and Bayou Sewer Project & managed from funding within the SNEP Program.

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 or 541-330-4000; Relay Users Dial 7-1-1.