

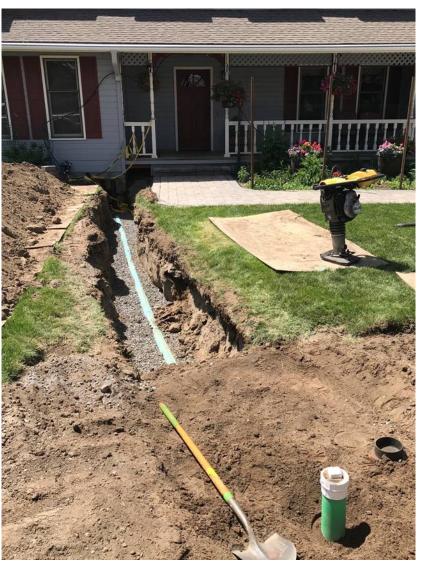
SEPTIC TO SEWER CONVERSION PROGRAM 2021 NEIGHBORHOOD EXTENSION PROJECT COMMITTEE MEETING

FEBRUARY 25, 2021, 3:00PM LINDSEY CROMSIGT, PE

AGENDA

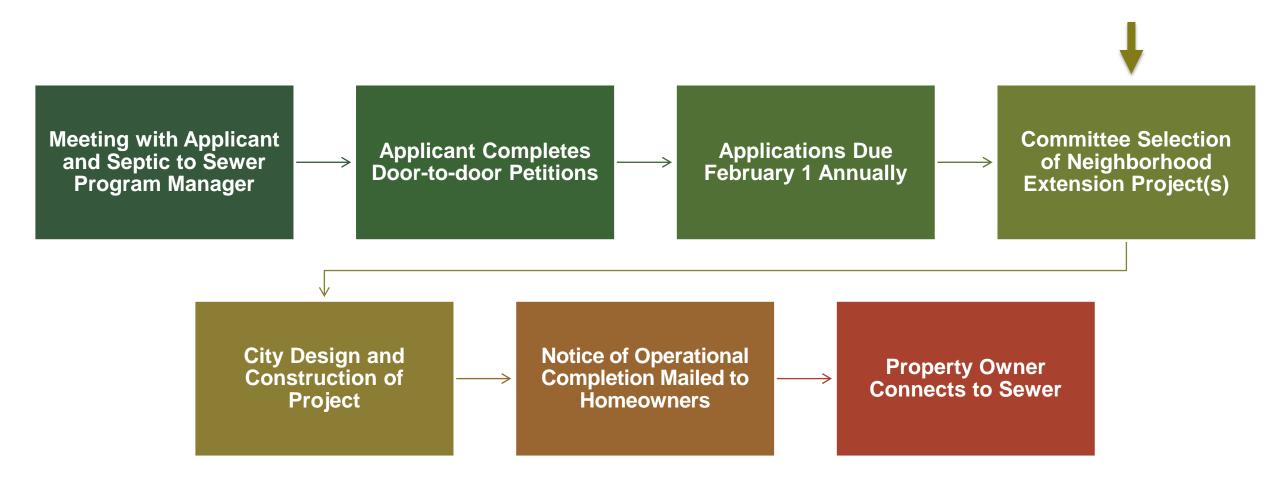


- Introductions
 - Eric King City Manager
 - Councilor Barbara Campbell
 - Councilor Melanie Kebler
 - Ryan Oster, PE EIPD Director/City Engineer
 - Eric Forster, PE Assistant City Engineer
 - Jessica MacClanahan, PE Principal Engineer
 - Elizabeth Oshel Associate City Attorney
 - Dana Wilson EIPD Finance Program Manager
- Review Applications
- Review Staff Scoring System
- Review Budget and Staff Recommendation
- Discussion



NEP APPLICATION PROCESS





NEP APPLICATION CRITERIA









COST OF PROJECT

NUMBER OF PROPERTIES TO CONNECT

PROXIMITY TO CITY-PLANNED PROJECTS







PERCENTAGE OF SIGNATURES

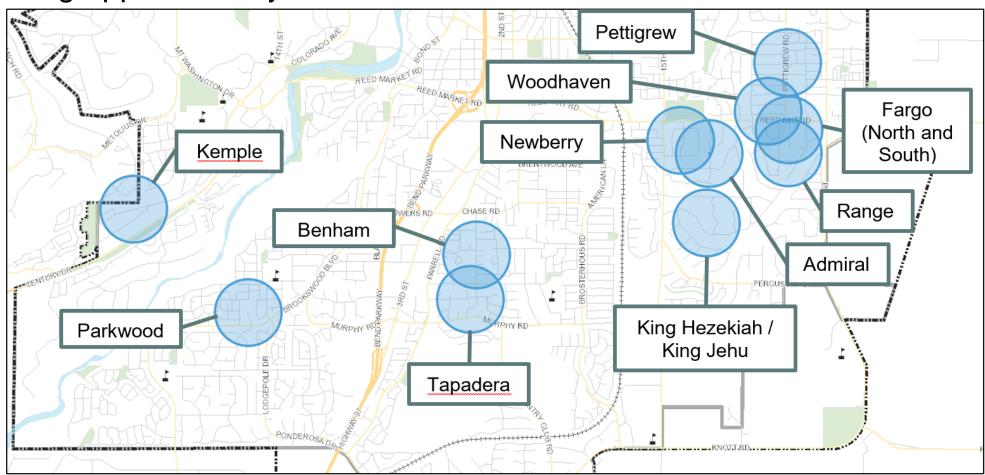
AGE & STATUS OF SEPTIC SYSTEM

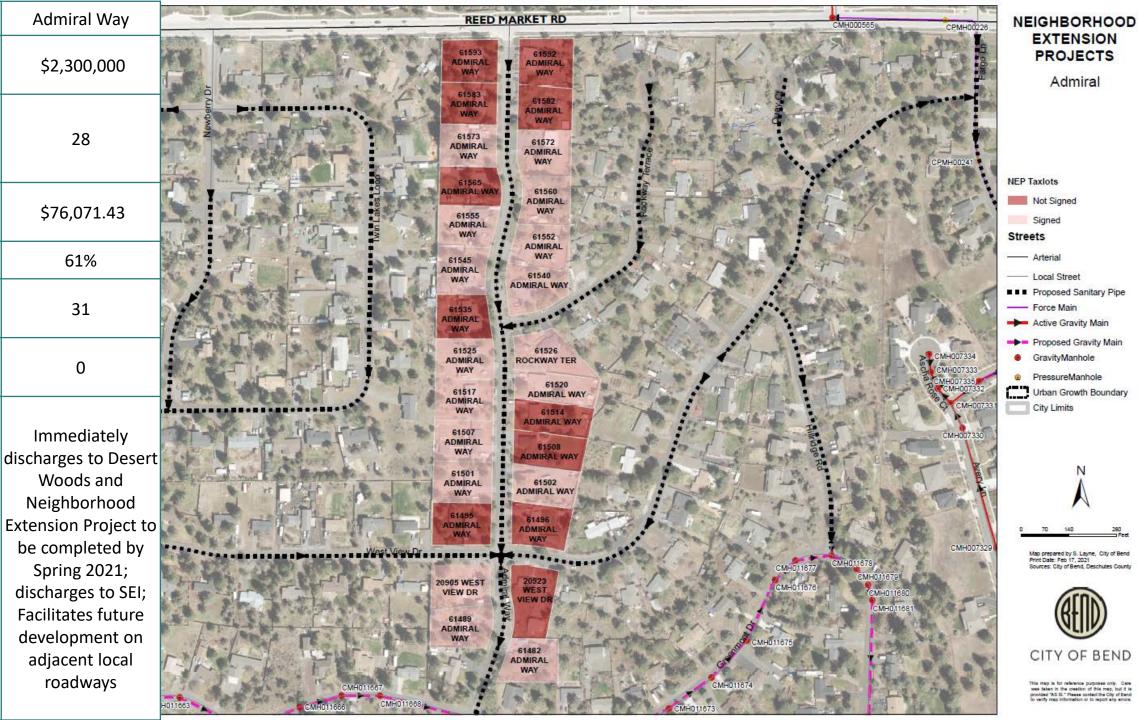
OTHER FACTORS

2021 NEIGHBORHOOD EXTENSION PROJECTS



- 12 applications; 9 resubmitted from 2020; 3 new; 2 include subprojects
- Totaling approximately \$26M





Cost Including

Design

No. of Properties

Benefitted

Cost Per

Property

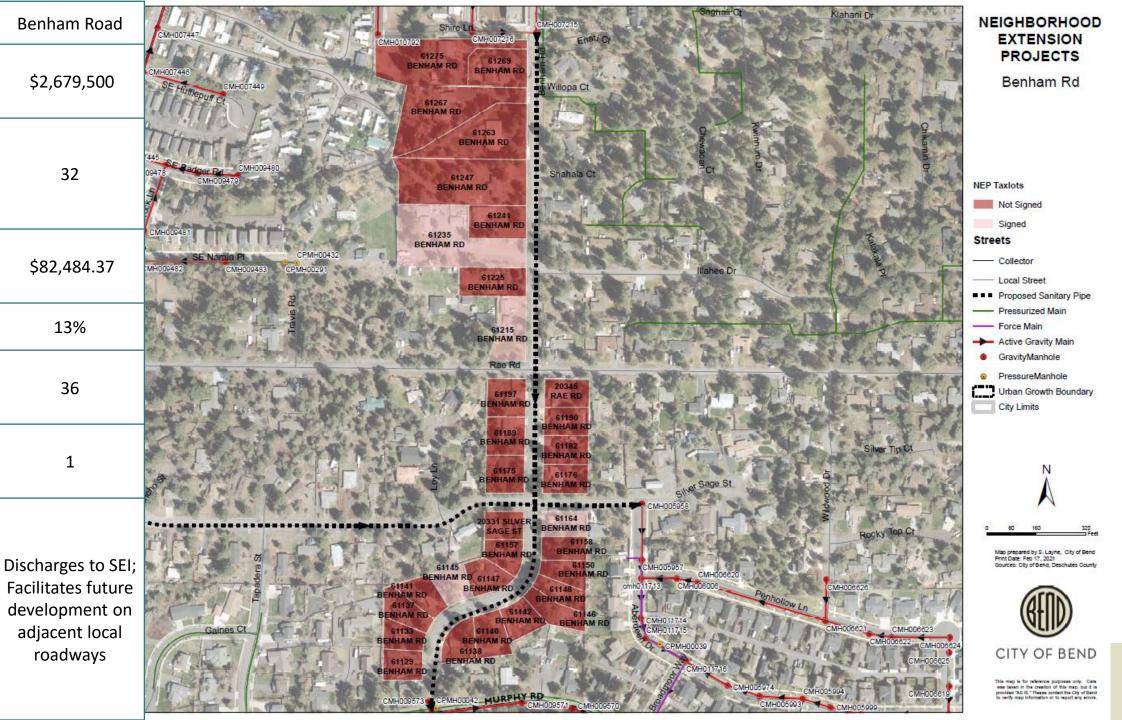
Percent Signed

Avg. Age of

Septic

No. Failing

Septic



Cost Including

Design

No. of Properties

Benefitted

Cost Per Property

Percent Signed

Avg. Age of Septic

No. Failing Septic



Cost Including

Design

No. of

Properties

Benefitted

Cost Per

Property

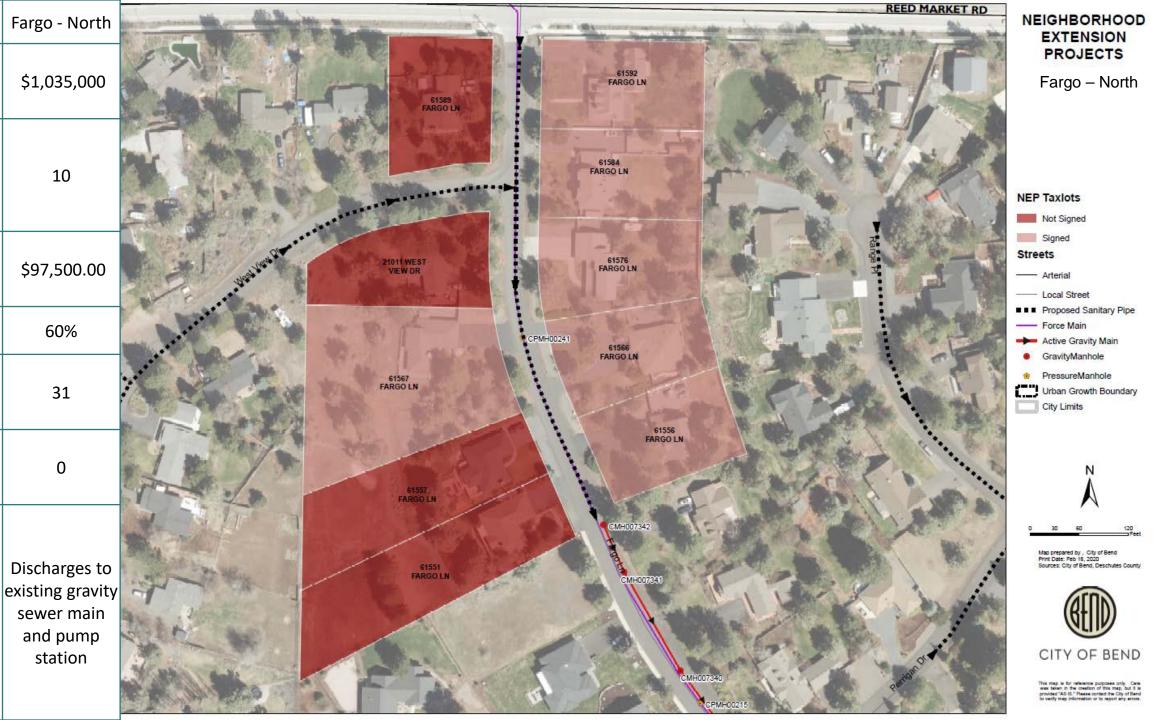
Percent Signed

Avg. Age of

Septic

No. Failing

Septic



Cost Including

Design

No. of

Properties

Benefitted

Cost Per

Property

Percent Signed

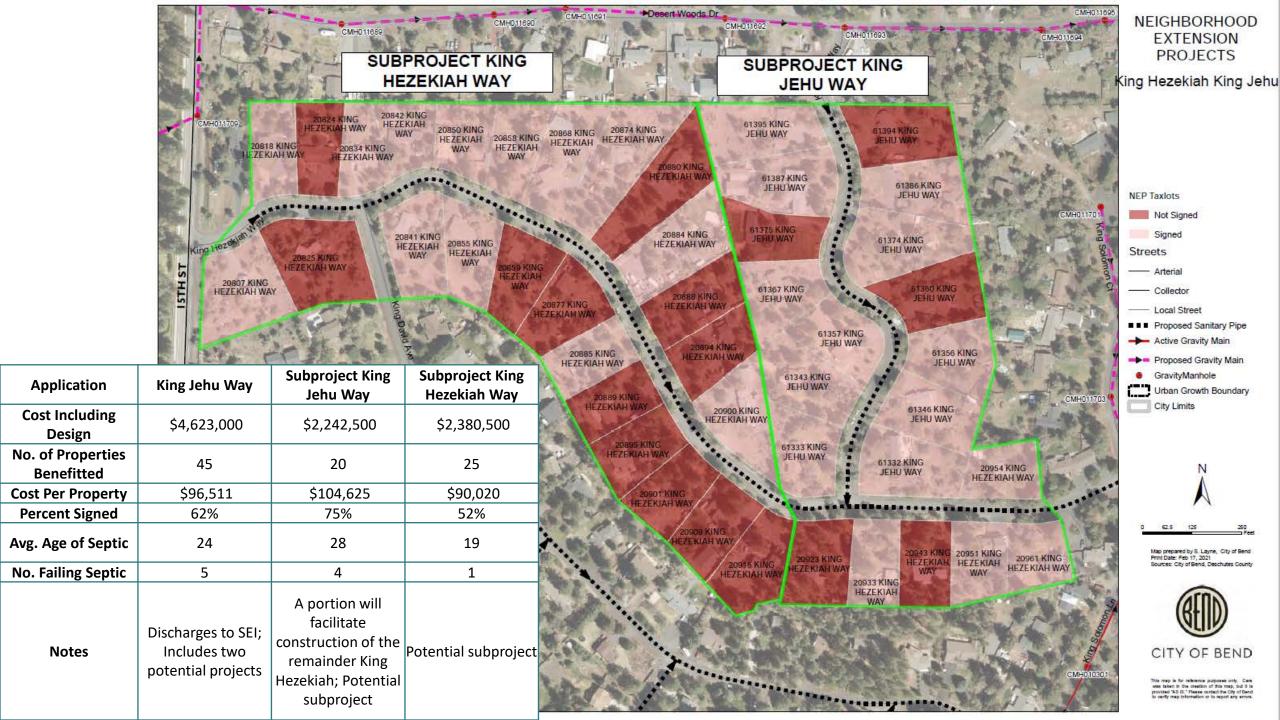
Avg. Age of

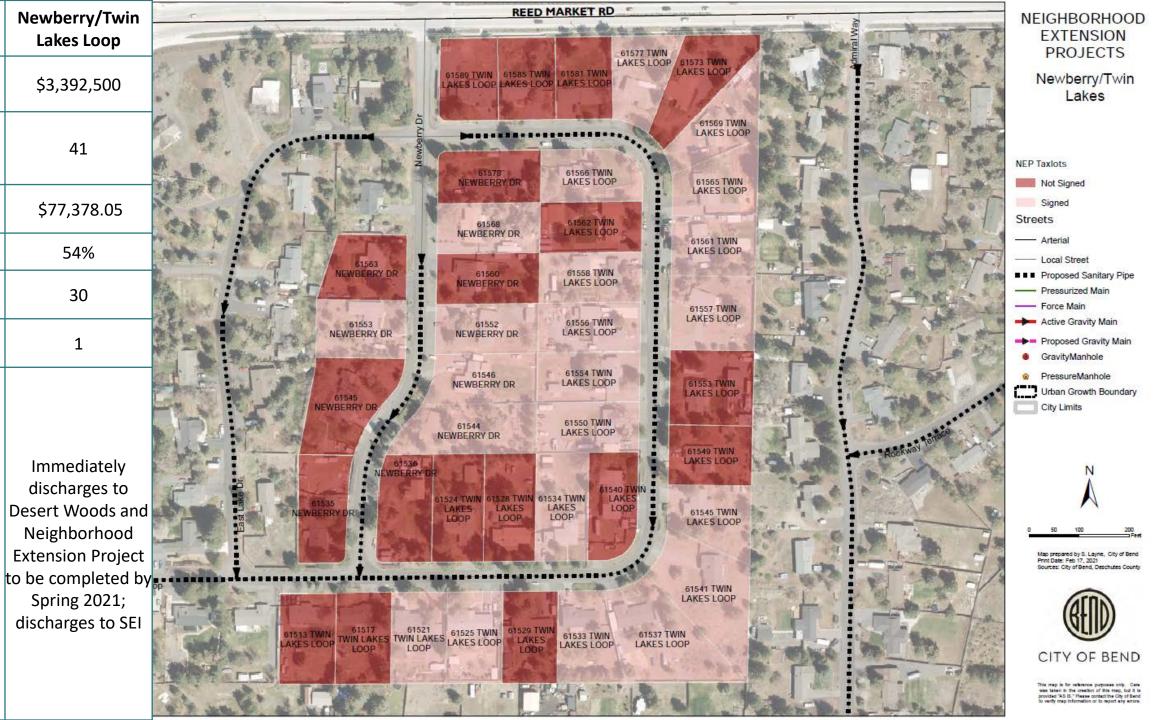
Septic

No. Failing

Septic







Cost Including

Design

No. of Properties

Benefitted

Cost Per

Property

Percent Signed

Avg. Age of

Septic

No. Failing

Septic



Cost

Including

Design

No. of **Properties**

Benefitted

Cost Per

Property

Percent

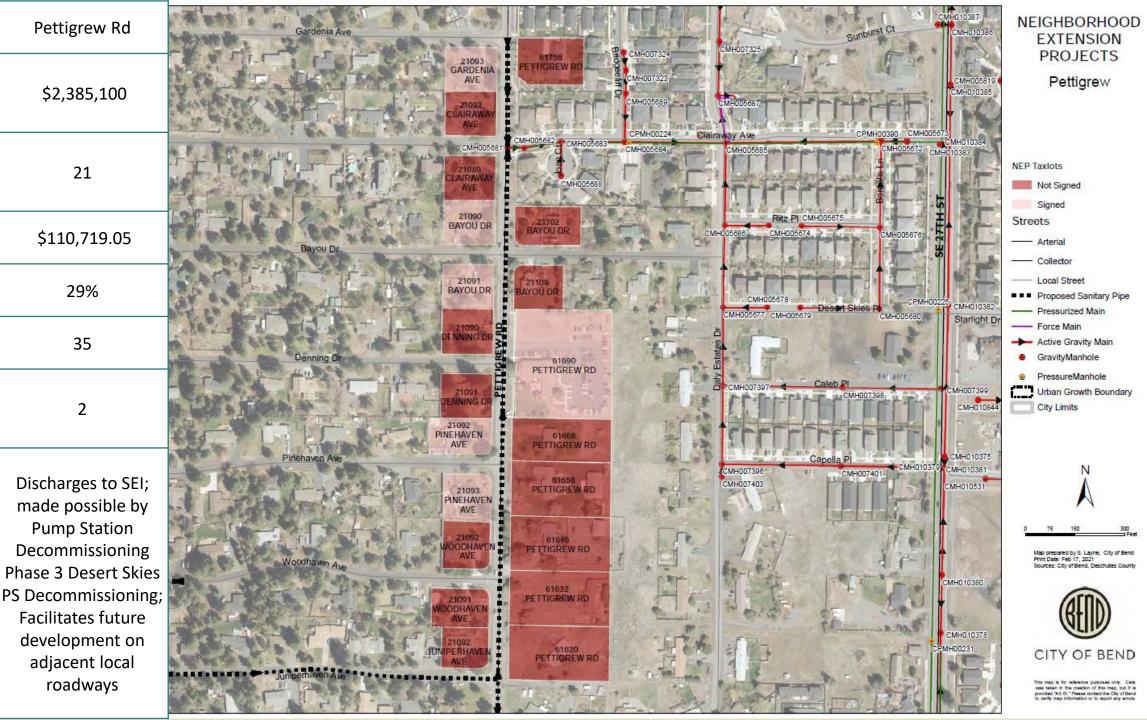
Signed

Avg. Age of

Septic

No. Failing

Septic



Cost Including

Design

No. of

Properties

Benefitted

Cost Per

Property

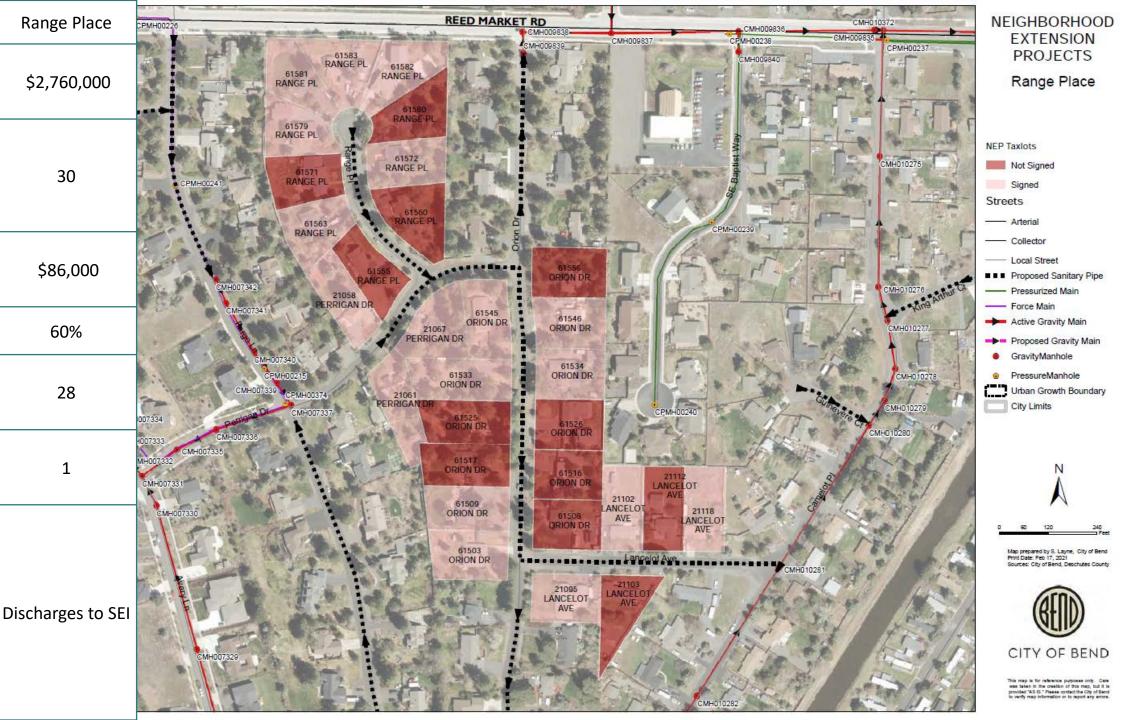
Percent Signed

Avg. Age of

Septic

No. Failing

Septic



Cost Including

Design

No. of Properties

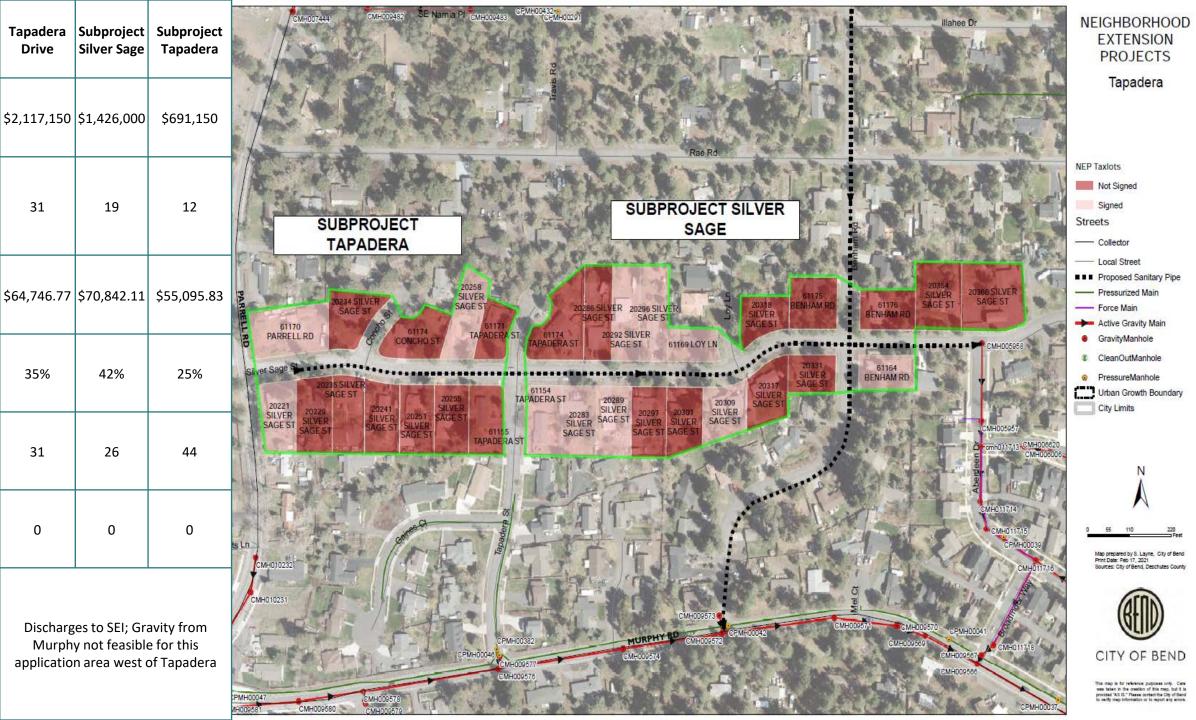
Benefitted

Cost Per Property

Percent Signed

Avg. Age of Septic

No. Failing Septic



Tapadera

Drive

31

35%

31

Application

Cost **Including**

Design

No. of

Properties

Benefitted

Cost Per

Property

Percent

Signed

Avg. Age of

Septic

No. Failing

Septic



Cost

Including

Design

No. of

Properties

Benefitted

Cost Per

Property

Percent

Signed

Avg. Age of

Septic

No. Failing

Septic

SUMMARY OF SCORING CRITERIA

15	
10)	
AL	

		Α	В	С	D	E	F	G	Н	1	J	K		
No.	Application Name	Cost Including Design	Length (Linear Feet)	No. of Properties Benefitte d		No. Properties Signed	Percent Signed (E/C)*	Fees to City within 2 Years of NOC (E*\$10,000)*	Cost Per Property ([A-G]/C)*	Avg. Age of Septic	No. Failing Septic	Percent of Failing Septic (I/C)*	Notes	
1	Fargo Lane (South)	\$1,207,500	1,050	17	\$71,029	8	47%	\$ 80,000.00	\$66,323.53	26	1	6%	Discharges to existing gravity sewer main	
2	Kemple Drive	\$901,600	784	10	\$90,160	7	70%	\$ 70,000.00	\$83,160.00	30	0	0%	Includes two vacant parcels	
3	Tapadera Drive	\$2,117,150	1,841	31	\$68,295	11	35%	\$ 110,000.00	\$64,746.77	31	0	0%	Discharges to SEI; Gravity from Murphy not feasible for this application area west of Tapadera	
3.1	Subproject Silver Sage	\$1,426,000	1,240	19	\$75,053	8	42%	\$ 80,000.00	\$70,842.11	26	0	0%	Discharges to SEI	
3.2	Subproject Tapadera	\$691,150	601	12	\$57,596	3	25%	\$ 30,000.00	\$55,095.83	44	0	0%	Discharges to SEI	
4	Woodhaven Drive	\$2,001,000	1,740	18	\$111,167	8	44%	\$ 80,000.00	\$106,722.22	29	3	17%	Discharges to SEI; Gravity sewer not feasible on Reed Market	
5	Parkwood Court	\$494,500	700	8	\$61,813	6	75%	\$ 60,000.00	\$54,312.50	21	0	0%	Near SW Sewer Study basin, not on planned alignment; Gravity not cost effective; pressure sewer would be required to connect to Romaine Village area	
6	Benham Rd	\$2,679,500	2,330	32	\$83,734	4	13%	\$ 40,000.00	\$82,484.38	36	1	3%	Discharges to SEI; Facilitates future development on adjacent local roadways	
7	King Jehu Way	\$4,623,000	4,020	45	\$102,733	28	62%	\$ 280,000.00	\$96,511.11	24	5	11%	Discharges to SEI; Includes two subprojects	
7.1	Subproject King Jehu	\$2,242,500	1,950	20	\$112,125	15	75%	\$ 150,000.00	\$104,625.00	28	4	20%	Discharges to SEI; A portion will facilitate construction of the remainder King Hezekiah	
7.2	Subproject K. Hezekiah	\$2,380,500	2,070	25	\$95,220		52%	\$ 130,000.00	\$90,020.00	19	1	4%	Discharges to SEI	
8	Fargo Lane (North)	\$1,035,000			\$103,500		60%	\$ 60,000.00		31	0	0%	Discharges to SEI	
9		\$3,392,500			\$82,744		54%	\$ 220,000.00		30	1	2%	Discharges to SEI	
10	Range Place	\$2,760,000	2,400	30	\$92,000	18	60%	\$ 180,000.00	\$86,000.00	28	1	3%	Discharges to SEI	
11	Admiral Way	\$2,300,000	2,000	28	\$82,143	17	61%	\$ 170,000.00	\$76,071.43	31	0	0%	Immediately discharges to Desert Woods and Neighborhood Extension Project to be completed by Spring 2021; discharges to SEI; Facilitates future development on adjacent local roadways	
12	Pettigrew Rd	\$2,385,100	2,074	21	\$113,576	6	29%	\$ 60,000.00	\$110,719.05	35	2	10%	Discharges to SEI; made possible by Pump Station Decommissioning Phase 3 Desert Skies PS Decommissioning; Facilitates future development or adjacent local roadways	

SCORING SYSTEM

1. Cost Per Property:

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

```
<$65,000 = 10 points;
>$65,000 - 70,000 = 9 points;
>$70,000 - 75,000 = 8 points;
>$75,000 - 80,000 = 7  points;
>$80,000 - 85,000 = 6 points;
>$85,000 - 90,000 = 5 points;
>$90,000 - 95,000 = 4 points;
>$95,000 - 100,000 = 3 points;
>$100,000 - 105,000 = 2 points;
>$105,000 - 110,000 = 1 points
>$110,000 = 0 points
```

SCORING SYSTEM CONT.



2. Percent Signed (weighted to maximum score of 10) (No. Properties Signed/No. Properties Benefitted)*13.33

3. Average Age of Septic Systems

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0-25 yr = 5 points;
>25-30 yr = 7 points;
>30-35 yr = 9 points;
>35+ = 10 points
```

4. Failing Septic Systems (weighted to maximum score of 10) (No. Failing/No. Properties Benefitted)*50

5. City Projects

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

STAFF SCORES (SORTED LOWEST TO HIGHEST)



No.	Application Name	Cost Per Property	Percent Signed	Average Age of Septic Systems	Failing Septic Systems	Capital Improvement Projects (CIP)	Score	Funding Required
7.2	Subproject King Hezekiah	4.0	6.9	5.0	2.0	6.0	23.9	\$2,070,000
8	Fargo Lane (North)	3.0	8.0	9.0	0.0	6.0	26.0	\$900,000
12	Pettigrew Rd	0.0	3.8	9.0	4.8	10.0	27.6	\$2,385,100
7	King Jehu/King Hezekiah Way	3.0	8.3	5.0	5.6	6.0	27.8	\$4,020,000
6	Benham Rd	6.0	1.7	10.0	1.6	10.0	29.2	\$2,679,500
3.2	Subproject Tapadera	10.0	3.3	10.0	0.0	6.0	29.3	\$691,150
9	Newberry/Twin Lakes	8.0	7.2	7.0	1.2	6.0	29.4	\$2,950,000
5	Parkwood Court	10.0	10.0	5.0	0.0	6.0	31.0	\$494,500
3.1	Subproject Silver Sage	9.0	5.6	7.0	0.0	10.0	31.6	\$1,426,000
10	Range Place	5.0	8.0	7.0	1.7	10.0	31.7	\$2,400,000
1	Fargo Lane (South)	10.0	6.3	7.0	2.9	6.0	32.2	\$1,050,000
4	Woodhaven Drive	1.0	5.9	7.0	8.3	10.0	32.3	\$2,001,000
2	Kemple Drive	6.0	9.3	7.0	0.0	10.0	32.3	\$901,600
3	Tapadera Drive	10.0	4.7	9.0	0.0	10.0	33.7	\$2,117,150
11	Admiral Way	8.0	8.1	9.0	0.0	10.0	35.1	\$2,000,000
7.1	Subproject King Jehu Way	2.0	10.0	7.0	10.0	10.0	39.0	\$1,950,000

BUDGET AND STAFF RECOMMENDATION



Program Budget									
Total Budget 2021 Budget \$2,500,000 - \$4,743,038									
Staff Re	Staff Recommendation								
7.1	Subproject King Jehu Way		\$	1,950,000					
11	Admiral Way		\$	2,000,000					
		Total	\$	3,950,000					

Subproject King Jehu Way

- \$1,950,000
- 20 properties benefited
- 75% signed
- 4 failing septic systems
- Facilitates King Hezekiah Way

Admiral Way

- \$2,000,000
- 28 properties benefited
- 61% signed
- 0 failing septic systems

Total Project

- \$3,950,000
- 48 properties benefitted
- 67% signed
- 4 failing septic systems

