



# ENGINEERING

## Monthly Report

Fiscal Year 2017-2018

August 2017

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**Financial Impact Review:** Review by Finance Director, Sharon Wojda, determined no significant change to previously published financial information at this time. Future budget adjustments may be needed for projects with significant changes in scope and schedule, but estimates are unknown at this time.

**Operational Impact Review:** Review by Utility Director, Paul Rheault, determined operational impacts are in line with achieving greater efficiency in our systems.

# CAPITAL IMPROVEMENT PROGRAM in BRIEF

For a quick summary of the 2018 fiscal year take a look below.

*The numbers may look low, especially considering we are in the heart of the constructions season, but the fiscal year started on July 1, 2017 and expenditures that would normally have been booked in July were booked in June for th fiscal year end.*

How have the numbers **changed** since the CIP was adopted in June?

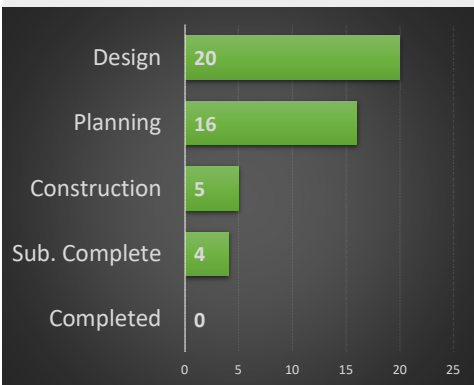
|                 | Baseline | Now      |
|-----------------|----------|----------|
| TOTAL PROJECTS  | 75       | 75       |
| ACTIVE PROJECTS | 45       | 45       |
| BUDGET          | \$57.4 M | \$57.4 M |

**Not at all, but the year is young.**

How much of the 2018 fiscal year budgets have been **spent** so far?

We've spent **\$2.9 Million**  
That's **5%**  
of the total amount budgeted this FY.

Of the projects that are active this fiscal year, what phase are they in now in the overall **project life cycle**?

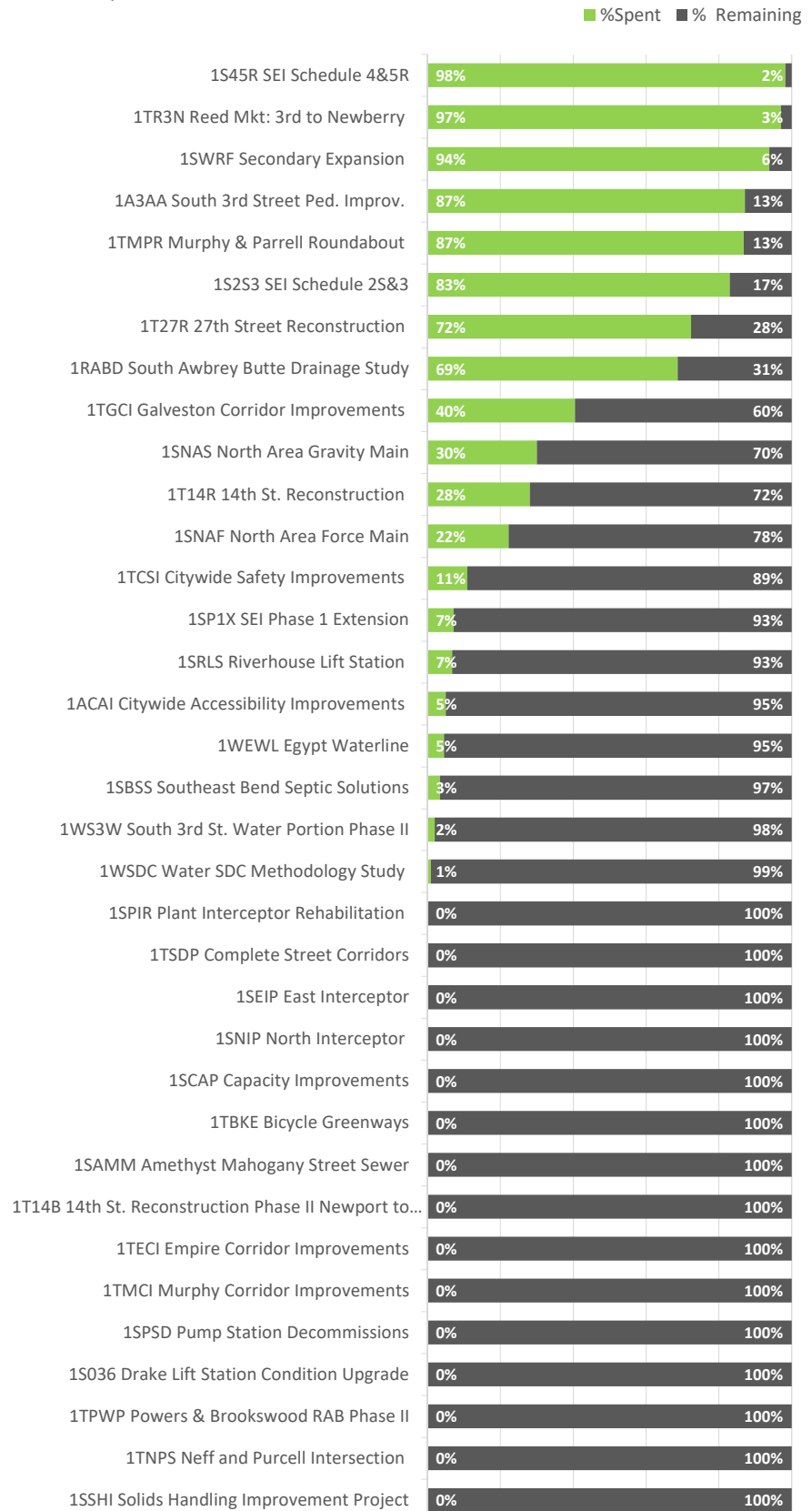


Most are in Design , but a significant number are queued up in the Planning phase, meaning they are being queued up to start later this fiscal year.

Reporting Period: July 1 - 31

## SPENDING ON ACTIVE PROJECTS

Total percentage of budgets spent over the lifespan of the project for projects that are active in fiscal year 2018.



# EIPD Procurement Timeline

| KEY |                        |
|-----|------------------------|
|     | Design RFP Advertised  |
|     | Award Design Contract  |
|     | Complete Design        |
|     | Bid Advertised         |
|     | Award Bid Construction |
|     | Construction Start     |
|     | Complete Construction  |
|     | Contract Amendment     |



| City of Bend 2018 - 2022 Capital Improvement Program Project List |               |                                  |                 |                      |               |                             |                   |                   |                   |                   |                   |                   |                            |                          |                               |
|---|---------------|----------------------------------|-----------------|----------------------|---------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|--------------------------|-------------------------------|
| Project Name & Number   | Major Project | Project Manager & Team Member(s) | Projected Start | Estimated Completion | Current Phase | Total Project Cost Estimate | Spent to Date     | 2017-18 Requested | 2018-19 Requested | 2019-20 Projected | 2020-21 Projected | 2021-22 Projected | Total 2018-22 CIP Budgeted | Budget Notes & Revisions | Percent Total Cost Est. Spent |
| <b>Transportation</b>   |               |                                  |                 |                      |               |                             |                   |                   |                   |                   |                   |                   |                            |                          |                               |
| 1A3AA South 3rd Street Pedestrian Improvements                    | 1X3RD         | Suhr, Burr                       | 2011            | Jul 2017             | Design        | 815,000                     | 749,461           | 15,000            | -                 | -                 | -                 | -                 | 15,000                     |                          | 92%                           |
| <b>1XCAI Citywide Accessibility Improvement Program</b>           |               |                                  |                 |                      |               |                             |                   |                   |                   |                   |                   |                   |                            |                          |                               |
| 1ACAI Citywide Accessibility Improvements                         | 1XCAI         | Rowan                            | 2016            | Sep 2018             | Design        | 1,156,000                   | 195,231           | 850,000           |                   |                   |                   |                   | 850,000                    |                          |                               |
| Dean Swift Road Corridor  | 1XCAI         | Rowan                            | 2018            | Sep 2018             | Design        | 150,000                     | -                 |                   | 150,000           |                   |                   |                   | 150,000                    |                          |                               |
| NE Division Street Corridor                                       | 1XCAI         | Rowan                            | 2018            | Sep 2018             | Design        | 500,000                     | -                 |                   | 500,000           |                   |                   |                   | 500,000                    |                          |                               |
| Lodge Pole Drive Corridor   | 1XCAI         | Rowan                            | 2019            | Dec 2019             | Design        | 315,000                     | -                 |                   |                   | 315,000           |                   |                   | 315,000                    |                          |                               |
| Poplar Street Corridor  | 1XCAI         | Rowan                            | 2019            | Jun 2020             | Design        | 250,000                     | -                 |                   |                   | 250,000           |                   |                   | 250,000                    |                          |                               |
| SW Truman Hill Taft Silver Lake Corridor                          | 1XCAI         | Rowan                            | 2020            | Jun 2020             | Design        | 440,000                     | -                 |                   |                   |                   | 440,000           |                   | 440,000                    |                          |                               |
| SW Cleveland Avenue Corridor                                      | 1XCAI         | Rowan                            | 2020            | Jun 2021             | Design        | 190,000                     | -                 |                   |                   |                   | 190,000           |                   | 190,000                    |                          |                               |
| NW Delaware Avenue Corridor                                       | 1XCAI         | Rowan                            | 2021            | Dec 2021             | Design        | 500,000                     | -                 |                   |                   |                   |                   | 500,000           | 500,000                    |                          |                               |
| NW Hill Street Corridor   | 1XCAI         | Rowan                            | 2021            | Jun 2022             | Design        | 250,000                     | -                 |                   |                   |                   |                   | 250,000           | 250,000                    |                          |                               |
| NW Seismore Street Corridor                                       | 1XCAI         | Rowan                            | 2021            | Jun 2022             | Design        | 125,000                     | -                 |                   |                   |                   |                   | 125,000           | 125,000                    |                          |                               |
| 1ACAI Citywide Accessibility Improvements                         |               |                                  |                 |                      |               | 3,876,000                   | 195,231           | 850,000           | 650,000           | 565,000           | 630,000           | 875,000           | 3,570,000                  |                          | 5%                            |
| 1T14R 14th St. Reconstruction †                                   | 1XGOB         | Sabourin, Burr                   | 2016            | Oct 2017             | Design        | 6,195,000                   | 1,341,739         | 4,206,369         | 150,000           | -                 | -                 | -                 | 4,356,369                  |                          | 22%                           |
| 1T14B 14th St. Reconstruction Schedule B Newport to Galveston †   |               | Sabourin, Burr                   | 2017            | Oct 2018             | Design        | 2,600,000                   | -                 | -                 | 1,300,000         | 1,300,000         | -                 | -                 | 2,600,000                  |                          | 0%                            |
| 1TCSI Citywide Safety Improvements                                |               | Rowan                            | 2016            | Sep 2018             | Design        | 3,535,000                   | 388,800           | 2,219,000         | 775,000           | -                 | -                 | -                 | 2,994,000                  |                          | 11%                           |
| 1TGCI Galveston Corridor Improvements †                           |               | Sabourin                         | 2011            | Oct 2017             | Design        | 950,000                     | 384,649           | 520,000           | -                 | -                 | -                 | -                 | 520,000                    |                          | 40%                           |
| 1TBKE Bicycle Greenways   |               | Rowan                            | 2018            | May 2018             | Pending       | 900,000                     | -                 | 225,000           | 225,000           | 225,000           | 225,000           | -                 | 900,000                    |                          | 0%                            |
| 1TMPR Murphy & Parrell Roundabout                                 |               | Sabourin                         | 2015            | May 2020             | Sub. Complete | 2,952,600                   | 2,562,595         | 10,000            | 5,000             | 5,000             | -                 | -                 | 20,000                     |                          | 87%                           |
| 1TNPS Neff and Purcell Intersection                               |               | Rowan                            | 2016            | May 2021             | Pending       | 4,000,000                   | -                 | 50,000            | 350,000           | 300,000           | 3,300,000         | -                 | 4,000,000                  |                          | 0%                            |
| 1TPWP Powers & Brookwood Roundabout Phase II                      | 1XGOB         | Sabourin                         | 2017            | Oct 2017             | Design        | 50,000                      | -                 | 50,000            | -                 | -                 | -                 | -                 | 50,000                     |                          | 0%                            |
| 1TECI Empire Corridor Improvements                                |               | Forster                          | 2018            | Mar 2018             | Pending       | 15,630,000                  | -                 | 500,000           | 3,465,000         | 5,665,000         | 3,000,000         | 3,000,000         | 15,630,000                 |                          | 0%                            |
| 1TMCI Murphy Corridor Improvements                                |               | Forster                          | 2018            | Mar 2018             | Pending       | 10,000,000                  | -                 | 500,000           | 1,500,000         | 2,000,000         | 3,000,000         | 3,000,000         | 10,000,000                 |                          | 0%                            |
| 1TSDP Complete Street Corridors                                   |               | Rowan                            | 2017            | Oct 2020             | Pending       | 801,000                     | 965               | 200,000           | 600,000           | -                 | -                 | -                 | 800,000                    |                          | 0%                            |
| 1TR3N Reed Mkt: 3rd to Newberry                                   | 1XGOB         | Sabourin                         | 2012            | Oct 2018             | Sub. Complete | 13,804,664                  | 13,402,345        | 160,000           | 16,000            | -                 | -                 | -                 | 176,000                    |                          | 97%                           |
| <b>Total Transportation Projects</b>                              |               |                                  |                 |                      |               | <b>69,985,264</b>           | <b>19,221,015</b> | <b>9,505,369</b>  | <b>9,036,000</b>  | <b>10,060,000</b> | <b>10,155,000</b> | <b>6,875,000</b>  | <b>45,631,369</b>          |                          |                               |
| <b>Stormwater</b>   |               |                                  |                 |                      |               |                             |                   |                   |                   |                   |                   |                   |                            |                          |                               |
| 1RMP1 Stormwater Master Plan Update                               |               | Martin                           | 2020            | Jun 2018             | Pending       | 500,000                     | -                 | -                 | 500,000           | -                 | -                 | -                 | 500,000                    |                          | 0%                            |
| 1RABD South Awbrey Butte Drainage Study                           |               | Sabourin                         | 2016            | Oct 2017             | Planning      | 285,000                     | 195,873           | 10,000            | -                 | -                 | -                 | -                 | 10,000                     |                          | 69%                           |
| 1RNPR Newport Pipe Replacement Design                             |               | Sabourin                         | 2018            | Jun 2019             | Pending       | 442,000                     | -                 | -                 | 442,000           | -                 | -                 | -                 | 442,000                    |                          | 0%                            |
| 1RFGU Franklin & Greenwood Underpass                              |               | Sabourin                         | 2021            | Jun 2022             | Pending       | 5,620,000                   | -                 | -                 | -                 | -                 | 120,000           | 600,000           | 720,000                    |                          | 0%                            |
| 1RRMC Roosevelt & McKinley  |               | Martin                           | 2020            | Jun 2022             | Pending       | 579,000                     | -                 | -                 | -                 | -                 | 104,000           | 475,000           | 579,000                    |                          | 0%                            |
| <b>Total Stormwater Projects</b>                                  |               |                                  |                 |                      |               | <b>6,926,000</b>            | <b>195,873</b>    | <b>10,000</b>     | <b>942,000</b>    | <b>-</b>          | <b>224,000</b>    | <b>1,075,000</b>  | <b>2,251,000</b>           |                          |                               |
| <b>Water</b>  |               |                                  |                 |                      |               |                             |                   |                   |                   |                   |                   |                   |                            |                          |                               |
| 1WAWP Awbrey Well Supply Expansion                                |               | Martin                           | 2020            | Jun 2019             | Pending       | 2,021,760                   | -                 | -                 | -                 | 2,021,760         | -                 | -                 | 2,021,760                  |                          | 0%                            |
| 1WCPS College Parallel Pipe Study                                 |               | Martin                           | 2020            | Jun 2019             | Pending       | 1,215,760                   | -                 | -                 | -                 | 1,215,760         | -                 | -                 | 1,215,760                  |                          | 0%                            |
| 1WEWL Egypt Waterline   |               | Forster, Webster                 | 2012            | Dec 2017             | Design        | 771,000                     | 35,376            | 590,000           | -                 | -                 | -                 | -                 | 590,000                    |                          | 5%                            |
| 1WLPE Lafayette Pipe Enlargement                                  |               | Martin                           | 2020            | Jun 2019             | Pending       | 250,640                     | -                 | -                 | -                 | 250,640           | -                 | -                 | 250,640                    |                          | 0%                            |
| 1WMP1 Water Master Plan Update                                    |               | Martin                           | 2017            | Dec 2017             | Pending       | 550,000                     | -                 | 550,000           | -                 | -                 | -                 | -                 | 550,000                    |                          | 0%                            |
| 1WRBO Parallel Piping Rock Bluff to Brookwood                     |               | Martin                           | 2022            | Jun 2022             | Pending       | 2,940,000                   | -                 | -                 | -                 | -                 | -                 | 2,940,000         | 2,940,000                  |                          | 0%                            |
| 1WS3W South 3rd St. Water Portion Phase 2                         | 1X3RD         | Suhr                             | 2016            | Jun 2018             | Design        | 632,000                     | 12,875            | 550,000           | -                 | -                 | -                 | -                 | 550,000                    |                          | 2%                            |
| 1WSDC Water SDC Methodology Study                                 |               | Ockner                           | 2017            | Dec 2017             | Pending       | 60,578                      | 578               | 60,000            | -                 | -                 | -                 | -                 | 60,000                     |                          | 1%                            |
| 1WSPP Parallel Piping Brookwood to Brosterhaus                    |               | Martin                           | 2021            | Jun 2021             | Pending       | 1,596,400                   | -                 | -                 | -                 | -                 | 1,596,400         | -                 | 1,596,400                  |                          | 0%                            |
| 1WSSC New Water Well Near NE Shirley Court                        |               | Martin                           | 2021            | Jun 2021             | Pending       | 2,830,464                   | -                 | -                 | -                 | -                 | 2,830,464         | -                 | 2,830,464                  |                          | 0%                            |
| 1WSWO New Water Well Shiloh Site                                  |               | Martin                           | 2022            | Jun 2022             | Pending       | 2,721,600                   | -                 | -                 | -                 | -                 | -                 | 2,721,600         | 2,721,600                  |                          | 0%                            |
| 1WVSS Valves Operational System Study                             |               | Martin                           | 2020            | Jun 2022             | Pending       | 234,000                     | -                 | -                 | -                 | 78,000            | 78,000            | 78,000            | 234,000                    |                          | 0%                            |
| <b>Total Water Projects</b>                                       |               |                                  |                 |                      |               | <b>15,824,202</b>           | <b>48,828</b>     | <b>1,750,000</b>  | <b>-</b>          | <b>3,566,160</b>  | <b>4,504,864</b>  | <b>5,739,600</b>  | <b>15,560,624</b>          |                          |                               |

| City of Bend 2018 - 2022 Capital Improvement Program Project List |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
|---|---------------|----------------------------------|-----------------|----------------------|---------------|-----------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|--------------------------|-------------------------------|
| Project Name & Number   | Major Project | Project Manager & Team Member(s) | Projected Start | Estimated Completion | Current Phase | Total Project Cost Estimate | Spent to Date      | 2017-18 Requested | 2018-19 Requested | 2019-20 Projected | 2020-21 Projected | 2021-22 Projected | Total 2018-22 CIP Budgeted | Budget Notes & Revisions | Percent Total Cost Est. Spent |
| <b>Water Reclamation</b>  |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
| <b>1XSEI Southeast Interceptor Projects</b>                       |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
| 1SP1X SEI Phase 1 Extension                                       | 1XSEI         | Forster, MacClanahan             | 2016            | Dec 2017             | Construction  | 10,500,000                  | 754,950            | 8,000,000         | -                 | -                 | -                 | -                 | 8,000,000                  |                          | 7%                            |
| 1S2S3 SEI Schedule 2S&3*  | 1XSEI         | Forster, MacClanahan             | 2017            | Dec 2017             | Construction  | 31,466,250                  | 26,211,773         | 11,715,000        | -                 | -                 | -                 | -                 | 11,715,000                 |                          | 83%                           |
| 1S45R SEI Schedule 4&5R   | 1XSEI         | Forster                          | 2014            | Dec 2016             | Sub. Complete | 12,500,000                  | 12,277,365         | 3,000,000         | -                 | -                 | -                 | -                 | 3,000,000                  |                          |                               |
| 1XSEI Southeast Interceptor                                       |               |                                  |                 |                      |               | 54,466,250                  | 39,244,087         | 22,715,000        | -                 | -                 | -                 | -                 | 22,715,000                 |                          | 72%                           |
| <b>1XNAS North Area Sewer Projects</b>                            |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
| 1SNAF North Area Force Main*                                      | 1XNAS         | Franklet, Burr, Murray           | 2017            | Jun 2018             | Construction  | 4,450,000                   | 980,566            | 1,700,000         | -                 | -                 | -                 | -                 | 1,700,000                  |                          | 22%                           |
| 1SNAS North Area Gravity Main                                     | 1XNAS         | Franklet, Burr, Murray           | 2017            | Jun 2018             | Construction  | 3,855,000                   | 1,159,347          | 1,100,000         | -                 | -                 | -                 | -                 | 1,100,000                  |                          | 30%                           |
| 1SRLS Riverhouse Lift Station Hydraulic Upgrade                   | 1XNAS         | Franklet, Burr, Murray           | 2016            | Jun 2017             | Construction  | 555,000                     | 37,637             | 400,000           | -                 | -                 | -                 | -                 | 400,000                    |                          | 7%                            |
| 1XNAS North Area Sewer Projects                                   |               |                                  |                 |                      |               | 8,860,000                   | 2,177,550          | 3,200,000         | -                 | -                 | -                 | -                 | 3,200,000                  |                          | 25%                           |
| <b>1XWRF Water Reclamation Facility Projects</b>                  |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
| 1SCAP WRF Capacity Improvements                                   | 1XWRF         | Robertson                        | 2017            | Jun 2018             | Planning      | 8,000,000                   | 214                | 7,998,000         | -                 | -                 | -                 | -                 | 7,998,000                  |                          | 0%                            |
| 1SSHI Solids Handling Improvement Project                         | 1XWRF         | Robertson                        | 2019            | Jun 2022             | Planning      | 5,500,000                   | -                  | 250,000           | 250,000           | 2,500,000         | 2,500,000         | -                 | 5,500,000                  |                          | 0%                            |
| 1SHWK Headworks   | 1XWRF         | Robertson                        | 2018            | Jun 2019             | Pending       | 1,000,000                   | -                  | -                 | 1,000,000         | -                 | -                 | -                 | 1,000,000                  |                          | 0%                            |
| 1SFPU Facilities Plan Update                                      | 1XWRF         | Robertson                        | 2018            | Jun 2019             | Pending       | 500,000                     | -                  | -                 | -                 | 500,000           | -                 | -                 | 500,000                    |                          | 0%                            |
| 1SSFU Support Facilities Upgrade                                  | 1XWRF         | Robertson                        | 2019            | Jun 2021             | Pending       | 2,500,000                   | -                  | -                 | -                 | 1,250,000         | 1,250,000         | -                 | 2,500,000                  |                          | 0%                            |
| 1XWRF Water Reclamation Facility Projects                         |               |                                  |                 |                      |               | 17,500,000                  | 214                | 8,248,000         | 1,250,000         | 4,250,000         | 3,750,000         | -                 | 17,498,000                 |                          | 0%                            |
| <b>1SPSD Pump Station Decommissions Program</b>                   |               |                                  |                 |                      |               |                             |                    |                   |                   |                   |                   |                   |                            |                          |                               |
| #6A Tri-Peaks   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 250,000                     | -                  | 30,000            | 220,000           | -                 | -                 | -                 | 250,000                    |                          | 0%                            |
| #13A+B Crown Villa #1   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 200,000                     | -                  | 20,000            | 180,000           | -                 | -                 | -                 | 200,000                    |                          | 0%                            |
| #14A+B Crown Villa #2   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 200,000                     | -                  | 20,000            | 180,000           | -                 | -                 | -                 | 200,000                    |                          | 0%                            |
| #15 Murphy  | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 150,000                     | -                  | 15,000            | 135,000           | -                 | -                 | -                 | 150,000                    |                          | 0%                            |
| #16A+B Quail Ridge #2   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 100,000                     | -                  | 10,000            | 90,000            | -                 | -                 | -                 | 100,000                    |                          | 0%                            |
| #17A+B Ridgewater #1  | 1SPSD         | Murray, England                  | 2017            | Jun 2018             | Planning      | 100,000                     | -                  | 100,000           | -                 | -                 | -                 | -                 | 100,000                    |                          | 100%                          |
| #18A+B Bridges at Shadow Glen                                     | 1SPSD         | Murray, England                  | 2017            | Jun 2018             | Planning      | 100,000                     | -                  | 100,000           | -                 | -                 | -                 | -                 | 100,000                    |                          | 100%                          |
| #19A+B South Village  | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 200,000                     | -                  | 20,000            | 180,000           | -                 | -                 | -                 | 200,000                    |                          | 0%                            |
| #20A+B Sun Meadow   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 100,000                     | -                  | 10,000            | 90,000            | -                 | -                 | -                 | 100,000                    |                          | 0%                            |
| #90A+B Quail Ridge #1   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 100,000                     | -                  | 10,000            | 90,000            | -                 | -                 | -                 | 100,000                    |                          | 0%                            |
| Nottingham PS Connection to SEI                                   | 1SPSD         | Murray, England                  | 2017            | Jun 2019             | Planning      | 15,000                      | -                  | 15,000            | -                 | -                 | -                 | -                 | 15,000                     |                          | 0%                            |
| 1SPSD Pump Station Decommissions Projects                         |               |                                  |                 |                      |               | 1,515,000                   | -                  | 350,000           | 1,165,000         | -                 | -                 | -                 | 1,515,000                  |                          | 0%                            |
| 1SWRF Secondary Expansion   |               | England, Robertson               | 2008            | Jun 2019             | Sub. Complete | 43,798,454                  | 41,107,582         | 1,500,000         | 1,000,000         | -                 | -                 | -                 | 2,500,000                  |                          | 94%                           |
| 1SPIR Plant Interceptor Rehabilitation                            |               | Suhr, Martin                     | 2015            | Dec 2018             | Design        | 10,700,000                  | 29,750             | 5,150,000         | 5,515,000         | -                 | -                 | -                 | 10,665,000                 |                          | 0%                            |
| 1SBSS Southeast Bend Septic Solutions                             |               | Martin                           | 2017            | Jun 2019             | Design        | 2,800,000                   | 97,662             | 1,150,000         | 800,000           | -                 | -                 | -                 | 1,950,000                  |                          | 3%                            |
| 1SEIP East Interceptor  |               | Franklet                         | 2017            | Jun 2019             | Planning      | 21,000,000                  | 13,770             | 1,000,000         | 1,000,000         | -                 | -                 | -                 | 2,000,000                  |                          | 0%                            |
| 1SNIP North Interceptor   |               | Franklet                         | 2017            | Dec 2021             | Planning      | 23,000,000                  | 13,770             | 1,000,000         | 1,000,000         | 7,000,000         | 7,000,000         | 7,000,000         | 23,000,000                 |                          | 0%                            |
| 1S036 Drake Lift Station Condition Upgrade                        |               | Robertson                        | 2017            | Dec 2018             | Pending       | 2,000,000                   | -                  | 1,000,000         | 1,000,000         | -                 | -                 | -                 | 2,000,000                  |                          | 0%                            |
| 1SPSO Parallel Sewer on Olney Avenue                              |               | Robertson                        | 2018            | Jun 2018             | Pending       | 605,000                     | -                  | 605,000           | -                 | -                 | -                 | -                 | 605,000                    |                          | 0%                            |
| 1SAMM Amethyst Mahogany Street Sewer                              |               | Forster                          | 2019            | Dec 2019             | Pending       | 2,500,000                   | -                  | 250,000           | 1,000,000         | 1,250,000         | -                 | -                 | 2,500,000                  |                          | 0%                            |
| 1SOC1 Odor Control Master Plan                                    |               | Martin                           | 2019            | Jun 2020             | Pending       | 1,050,000                   | -                  | -                 | -                 | 1,050,000         | -                 | -                 | 1,050,000                  |                          | 0%                            |
| 1SSLA Sewer Storage - Land Acquisition                            |               | Forster                          | 2019            | Jun 2020             | Pending       | 730,000                     | -                  | -                 | -                 | 730,000           | -                 | -                 | 730,000                    |                          | 0%                            |
| 1SPIC Plant Interceptor Condition Assessment                      |               | Forster                          | 2019            | Jun 2020             | Pending       | 630,000                     | -                  | -                 | -                 | 630,000           | -                 | -                 | 630,000                    |                          | 0%                            |
| 1SMP1 Collection System Master Plan (Years 6-10)                  |               | Franklet                         | 2019            | Jun 2020             | Pending       | 750,000                     | -                  | -                 | -                 | 750,000           | -                 | -                 | 750,000                    |                          | 0%                            |
| 1SGPA Gravity Pipe Condition Assessment                           |               | Forster                          | 2020            | Jun 2021             | Pending       | 2,000,000                   | -                  | -                 | -                 | 200,000           | 200,000           | 200,000           | 600,000                    |                          | 0%                            |
| <b>Total Water Reclamation Projects</b>                           |               |                                  |                 |                      |               | <b>193,904,704</b>          | <b>82,684,386</b>  | <b>46,168,000</b> | <b>13,730,000</b> | <b>15,860,000</b> | <b>10,950,000</b> | <b>7,200,000</b>  | <b>93,908,000</b>          |                          |                               |
| <b>Total 2017-2020 Capital Improvement Program</b>                |               |                                  |                 |                      |               | <b>286,640,170</b>          | <b>102,150,102</b> | <b>57,433,369</b> | <b>23,708,000</b> | <b>29,486,160</b> | <b>25,833,864</b> | <b>20,889,600</b> | <b>157,350,993</b>         |                          |                               |

**Budget Notes and Revisions**  
† Tied to other projects  
\* Budget includes Street Preservation Work

## S. 3rd St. Pedestrian Improvements

Project is a collaboration with ODOT to provide continuous pedestrian facilities along the 3rd Street corridor between Wilson Avenue and Powers Road by repairing existing facilities that are either non-compliant or deteriorated. In addition, the project will also construct pedestrian facilities where none currently exist. The project is being coordinated with several other projects (water, stormwater, streets) within the corridor.



Project Engineer: Jason Suhr | [jsuhr@bendoregon.gov](mailto:jsuhr@bendoregon.gov)

### Scope

Design, right of way acquisition, and construction of sidewalks, curb ramps that is coordinated with other infrastructure for water, stormwater, and streets. Stormwater scope increased to now include catch basin and drill hole vault replacement.

### Schedule

Start Date: 11/1/2011  
 Substantial Completion: 8/31/2017  
 Final Closeout: 8/31/2018

- Stormwater portion complete
- Water portion complete

### Cost

Total Estimated: \$1,031,000  
 Spent to Date: \$942,565  
 % Spent to Estimated: 94%

| Sub-Projects: | Est.      | Spent     |
|---------------|-----------|-----------|
| ADA           | \$815,000 | \$749,461 |
| Water         | \$31,000  | \$30,612  |
| Stormwater    | \$185,000 | \$162,491 |

**Status: On Scope**

**Status: On Schedule**

**Status: On Budget**

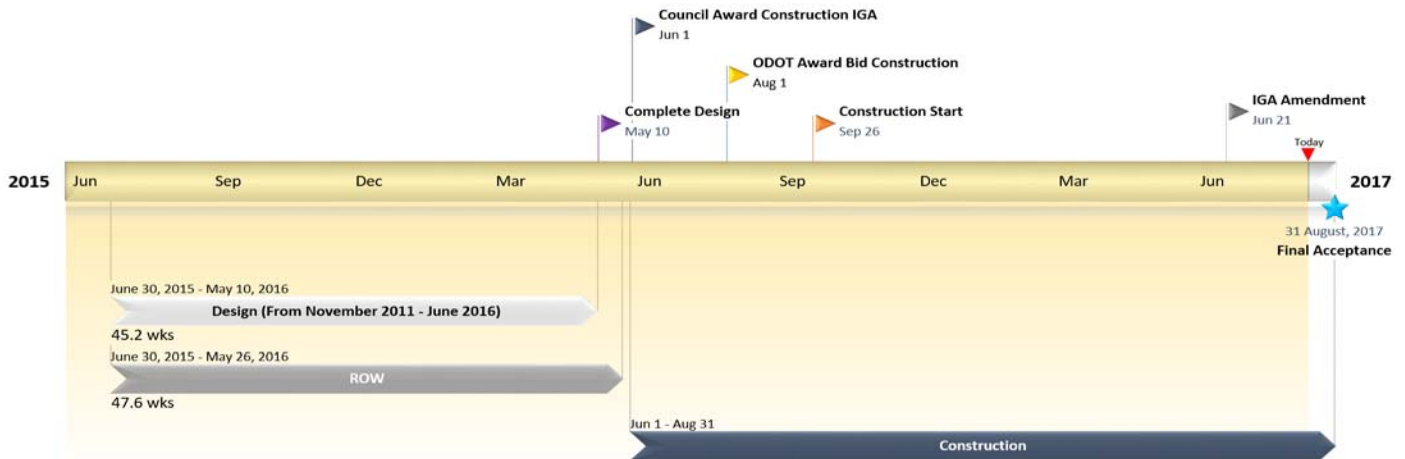
Adjustments: No change from prior month

Adjustments: No change from prior month

Adjustments: No change from prior month

**Status Update:** This project is substantially complete with crossing at 3<sup>rd</sup> & Roosevelt being the only work remaining. This is the last month these projects will be included in the monthly report.

### Cost Estimate Classification: 1





## Phase 2 - S. 3<sup>rd</sup> Street Improvements

Phase 2 projects are capital improvement projects and address maintenance issues. The timing is being driven to occur in advance of the street preservation work within 3rd Street that is planned for the summer of 2017. Due to the impacts to the 3rd Street roadway, it is imperative that they occur prior to the grind and inlay preservation work.



### Scope

Includes design and construction for streets, water, and stormwater. This work will include an analysis of the drainage basin to assess the condition of the existing stormwater facilities; creation of a striping and paving plan; replace existing 2-inch sub-standard waterlines with 8-inch pipelines.

### Schedule

Start Date: 10/1/2015  
 Substantial Completion: 6/30/2018  
 Final Closeout: 6/30/19

- Stormwater portion complete
- Streets portion complete

### Cost

Total Estimated: \$667,000  
 Spent to Date: \$35,129  
 % Spent to Estimated: 5%

| Sub-Projects: | Est.      | Spent    |
|---------------|-----------|----------|
| Water         | \$632,000 | \$12,875 |
| Stormwater    | \$5,000   | \$6,150  |
| Streets       | \$30,000  | \$16,104 |

**Status: On Scope**

**Status: Behind Schedule**

**Status: On Budget**

Adjustments: No change from prior month

Adjustments: Staffing constraints put project on hold until further notice

Adjustments: No change from prior month

**Status Update:** No change from last month. Water portion remains on hold due to workload constraints, however, estimated to resume in August 2017.

### Cost Estimate Classification: 4





## Citywide Accessibility Improvements

Through the help of dedicated volunteers on the City of Bend Accessibility Advisory Committee (COBAAC) and the Central Oregon Coalition for Access (COCA), key corridors and neighborhoods across the city have been prioritized for accessibility improvements. This project will design, construct, or repair these curb ramps and sidewalks including those identified through the City's Barrier Removal Request process.



Project Engineer: Rory Rowan | [rrowan@bendoregon.gov](mailto:rrowan@bendoregon.gov)

### Scope

Survey, design, and construction of accessibility improvements, as funding allows, in the Wells Acres, Bear Creek, Division, Downtown & Old Mill and Brookwood/Southwest neighborhoods.

### Schedule

Start Date: 3/1/16  
 Substantial Completion: **11/17/2017**  
 Final Closeout: **11/17/2018**

### Cost

Total Estimated: \$1,156,000  
 Spent to Date: \$195,231  
 % Spent to Estimated: 17%

**Status: On Scope**

**Status: Baseline Schedule Adjustment**

**Status: On Budget**

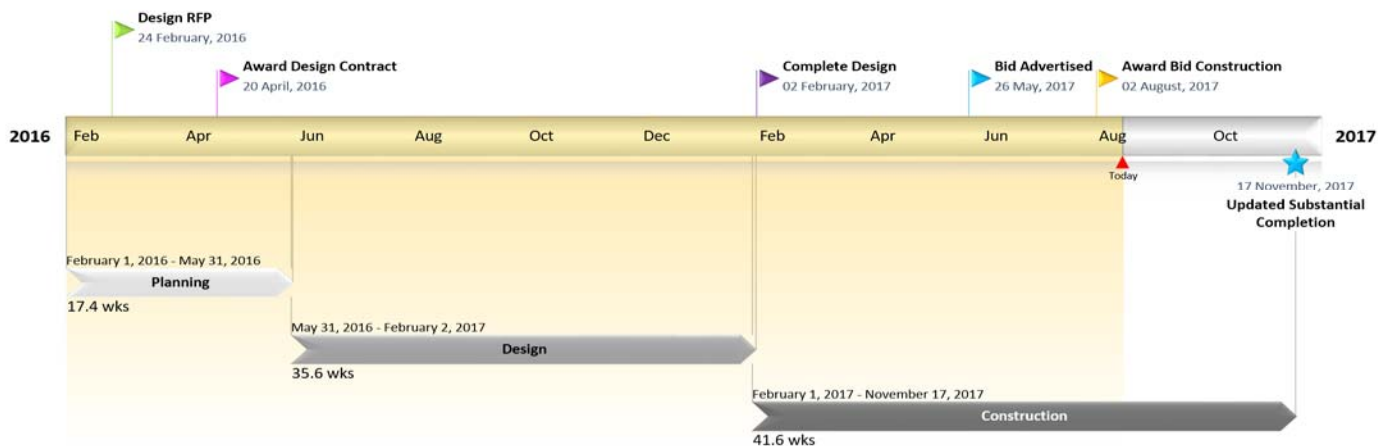
Adjustments: No change from prior month

Adjustments: Updated schedule based on construction schedule

Adjustments: Increase for construction of the three new project locations.

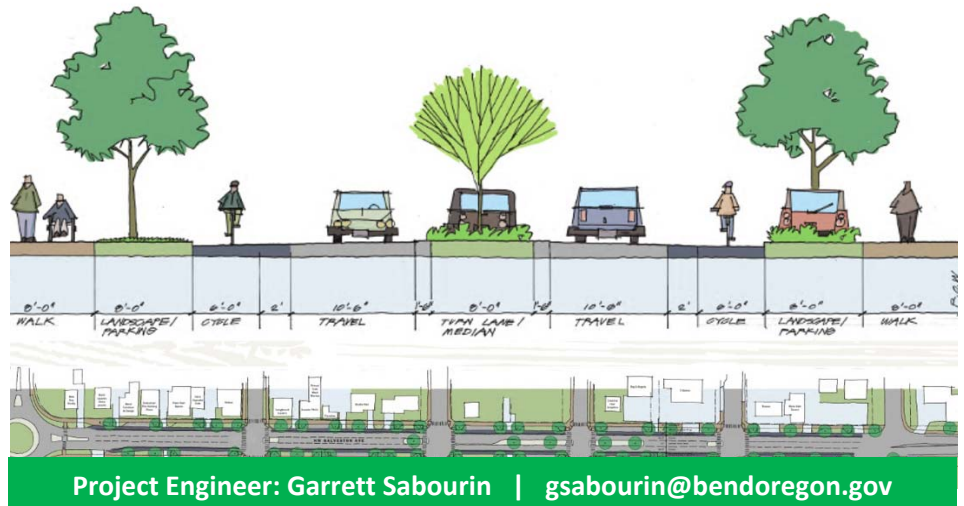
**Status Update:** Construction contracts awarded for NE Kearney Ave and NE Wells Acres Road Corridors. Construction to begin in September and conclude in November.

### Cost Estimate Classification: 2



## Galveston Corridor Improvements

The project is the highest ranked Traffic Safety Advisory Committee (TSAC) arterial and collector street safety project to improve vehicle, bicycle, and pedestrian safety, access, and connectivity. It also continues the bike and pedestrian improvements on Galveston from 14th to Lindsey Ct. The project will improve bicycle and pedestrian safety, access, stormwater system, and parking.



### Scope

Study to improve safety, access, and connectivity for vehicles, bicycles, and pedestrians. Also to improve the streetscape along a newly emerging mixed use corridor. A collaborative process has formed between City staff and property/business owners with a taskforce to devise project concepts and designs. At 30% design project will be brought to council to decide the Stormwater and other elements to be carried forward.

### Schedule

Start Date: 06/01/2011  
 Substantial Completion: TBD  
 Final Closeout: TBD

### Cost

Total Estimated: \$950,000  
 Spent to Date: \$384,649\*  
 % Spent to Estimated: 8%  
 \* Includes planning.

### Status: On Scope

Adjustments: No change from prior month

### Status: On Schedule

Adjustments: No change from prior month

### Status: On Budget

Adjustments: No change from prior month

**Status Update:** Project only received authority for 30% design. Once City Council goal setting complete and 2018-2022 Capital Improvement Program approved future of project direction will be determined. No update will be provided until then.

### Cost Estimate Classification: 4



## Citywide Safety Improvements

With the help of the community and a prior safety study, the city has identified multiple locations across the city where there have been a high number of crashes. Several treatments are proposed to make these locations safer for people walking, riding bicycles, and driving. This project will further develop the design of these treatments and construct them with additional community input.



Project Engineer: Rory Rowan | [rrowan@bendoregon.gov](mailto:rrowan@bendoregon.gov)

### Scope

Survey, design, traffic analysis, public involvement, and construction of safety improvements at the following locations: 3rd St at Hawthorne, Franklin, Roosevelt, and Reed Market, Colorado Ave & Bend Pkwy (US Hwy 97) interchange, Neff Rd at Williamson Blvd, 27th St at Conners Ave, Brosterhous Road railroad underpass.

### Schedule

Start Date: 10/1/2014  
 Substantial Completion: 9/30/2018  
 Final Closeout: 9/30/2019

### Cost

Total Estimated: \$3,535,000  
 Spent to Date: \$388,800  
 % Spent to Estimated: 11%

Status: **Increased Scope**

Status: **Behind Schedule**

Status: **On Budget**

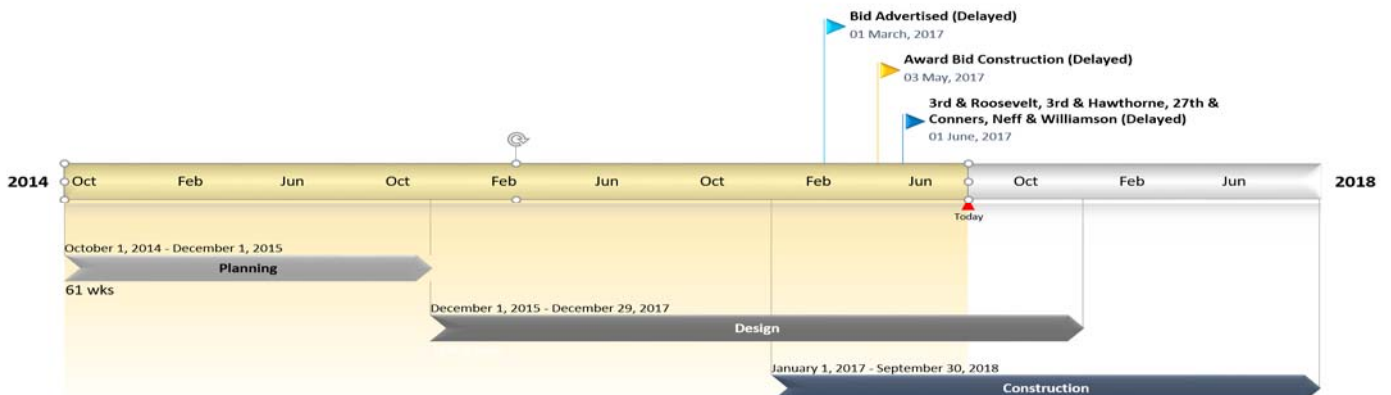
Adjustments: **Added locations at 3<sup>rd</sup> and Canal and 3<sup>rd</sup> and Pinebrook**

Adjustments: No change from prior month

Adjustments: **No impact to budget for scope increase due to savings on previous locations and ODOT grant money**

**Status Update:** 3<sup>rd</sup> & Roosevelt is under construction to be completed in September. Other locations will be put out to bid in January 2018.

### Cost Estimate Classification: 4





# 14<sup>th</sup> Street Reconstruction

Improve safety of corridor from SW Colorado Avenue to NW Newport Avenue for all modes of transportation. Project is part of voter approved General Obligation Bond and will focus on an up updated roadway configuration to include surfacing, striping, bike lanes, sidewalks and streetscape. Design will attempt to tie-in with suggested changes being made to the Galveston Corridor Improvements.



**Project Engineer: Garrett Sabourin | gsabourin@bendoregon.gov**

## Scope

Upgrade to City standard to include but not limited to: roadway, surface, curbs, sidewalks, and striping. Includes safety improvements for bicycles, pedestrians and vehicles.

## Schedule

Start Date: 06/30/2014  
 Substantial Completion: TBD  
 Final Closeout: TBD

## Cost

Total Estimated: \$6,195,000  
 Spent to Date: \$688,693  
 % Spent to Estimated: 11%

| Sub-Projects: | Est.        | Spent     |
|---------------|-------------|-----------|
| GO Bond       | \$4,893,612 | \$440,409 |
| Trans Con.    | \$1,299,630 | \$248,284 |

**Status: On Scope**

**Status: On Schedule**

**Status: On Budget**

Adjustments: No change from prior month

Adjustments: No change from prior month

Adjustments: No change from prior month

**Status Update:** Design is on schedule and anticipating advertising for Phase I construction in spring 2018.

### Cost Estimate Classification: 3



## Powers & Brookwood Roundabout Phase II

The stormwater from the newly constructed roundabout on Brookwood and Powers is conveyed to and drains into stormwater structures through a swale to the northeast of the roundabout. The Powers & Brookwood Roundabout Phase II Project intent is to rehabilitate this swale. This will be done by cleaning out the storm structures and re-constructing the check dams to convert the swale into a series of retention ponds. This will ensure proper erosion control and sediment collection.

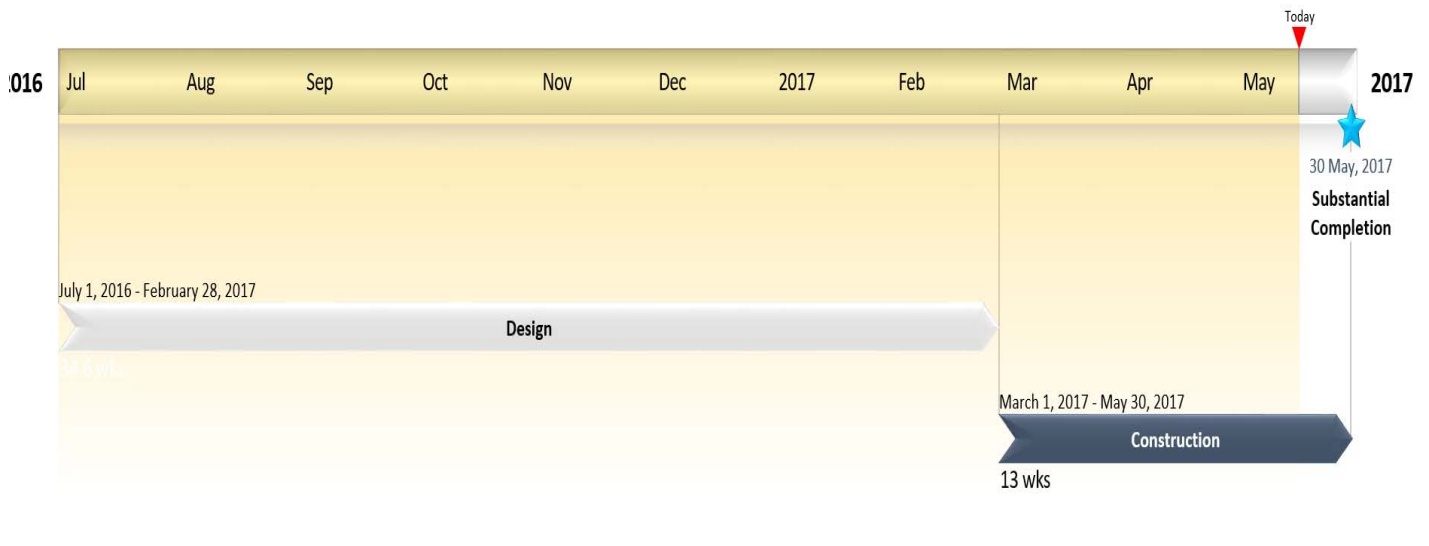


**Project Engineer: Garrett Sabourin | gsabourin@bendoregon.gov**

| Scope   | Schedule   | Cost  |
|---|--|---|
| Re-construct check dams to convey water at appropriate velocity and location. Check dam height will also convert swale into retention ponds for increased retention capacity and sediment collection. | Start Date: 07/01/2016<br>Substantial Completion: 05/30/17<br>Final Closeout: 05/30/2018 | Total Estimated: \$50,000<br>Spent to Date: \$0<br>% Spent to Estimated: 0% |
| <b>Status: On Scope</b>   | <b>Status: Behind Schedule</b>   | <b>Status: On Budget</b>  |
| Adjustments: No change from prior month   | Adjustments: No change from prior month  | Adjustments: No change from prior month                                     |

**Status Update:** Street Operations Division assisted with establishing vegetation and addressing bank stabilization issues. Stormwater utility will review to ensure repair is sufficient to fix issues. Potential to remove project from CIP.

### Cost Estimate Classification: 2



# Egypt Waterline Project

The Egypt Waterline seeks to create a redundant water source for Juniper Ridge. This project became a Capital Improvement Project after it was identified in the 2011 Water master Plan Optimization study by Murray and Smith Associates. A redundant connection for Juniper Ridge is necessary to provide an adequate water supply during system disruptions due to maintenance activities, public emergencies, or catastrophic events.



Project Engineer: Eric Forster | eforster@bendoregon.gov

## Scope

Design a waterline connection between Ranch Village Dr. and 18th Street. This work will include a pressure zone change to Juniper Ridge to match that of the neighborhood to the southwest.

## Schedule

Start Date: 7/1/2012  
 Substantial Completion: **04/30/18**  
 Final Closeout: **04/30/18**

## Cost

Total Estimated: **\$771,000**  
 Spent to Date: \$35,376  
 % Spent to Estimated: 5%

### Status: On Scope

Adjustments: **Expanded for concrete crosswalks and final lift paving with Parks & Rec, COB expanded street work and signage for the School District**

### Status: **Baseline Schedule Revision**

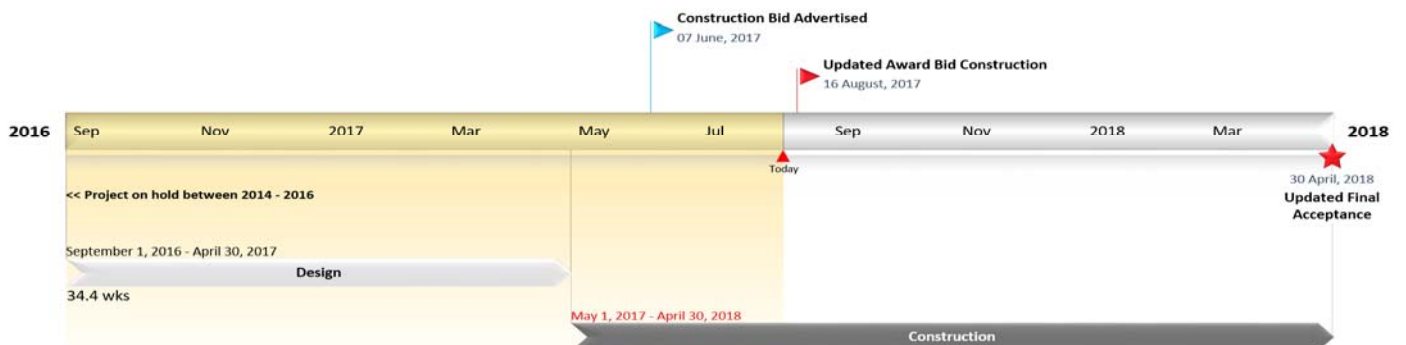
Adjustments: **Procurement delayed due to scope revision and multiple schedule options being reviewed.**

### Status: On Budget

Adjustments: **CIP budget not affected with scope increase because additional funding from:**  
 Parks & Rec: \$51,995  
 COB Street Ops: \$83,033  
 School District: \$6,000

**Status Update:** Bids under engineer’s estimate. Allowable construction duration adjusted to allow for greater flexibility to contractor and lower overall costs. Construction to begin in September 2017.

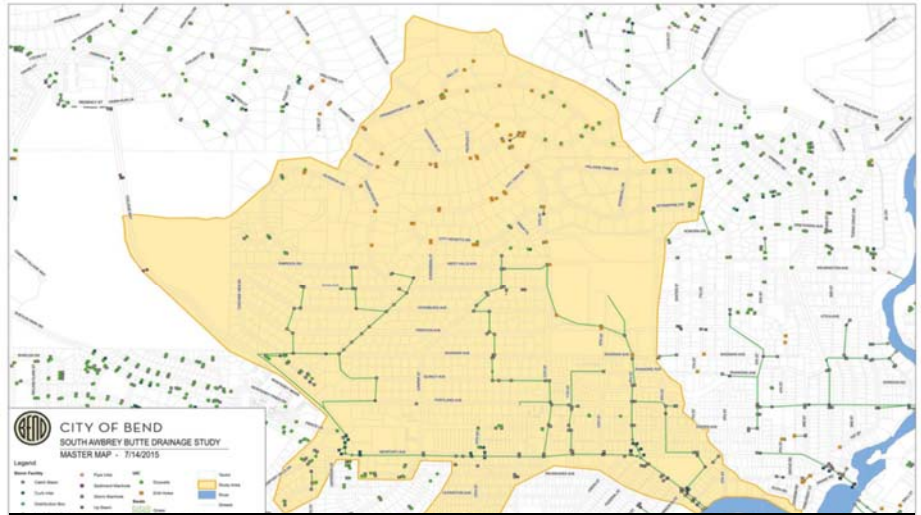
### Cost Estimate Classification: **1**





# South Awbrey Butte Drainage Study

An evaluation will be completed in order to identify areas with run-off problems and complete a modeling effort in order to estimate run-off volumes. This will be the basis for future stormwater system improvements on Awbrey Butte and downstream areas.



**Project Engineer: Garrett Sabourin | gsabourin@bendoregon.gov**

## Scope

Complete a drainage system analysis for the southern hillside of Awbrey Butte. The intent is to identify and provide recommendations for drainage problem areas, as well as provide design peak flow rates at critical design locations along the Newport Avenue drainage.

## Schedule

Start Date: 7/1/15  
 Substantial Completion: 05/26/2017  
 Final Closeout: 09/01/2017

## Cost

Total Estimated: \$285,000  
 Spent to Date: \$195,873  
 % Spent to Estimated: 69%

**Status: On Scope**

**Status: On Schedule**

**Status: On Budget**

Adjustments: No change from prior month

Adjustments: No change from prior month

Adjustments: No change from prior month

**Status Update:** Consultant submitted the draft improvement plan. The City will perform an internal review and incorporate comments.

**Cost Estimate Classification: N/A**



# Southeast Interceptor Phase I

Large diameter gravity sewer pipeline extending from the southwest quadrant to the northeast quadrant of the City, approximately 4 ½ miles in length. This project reroutes or intercepts a significant volume of sewage away from the downtown and central sewer systems to the east side of the City in accordance with the Collection System Master Plan completed in 2014. Segment 2S&3 indicates the 2.5 mile stretch of 27<sup>th</sup> Street between Neff and Reed Market Rd.

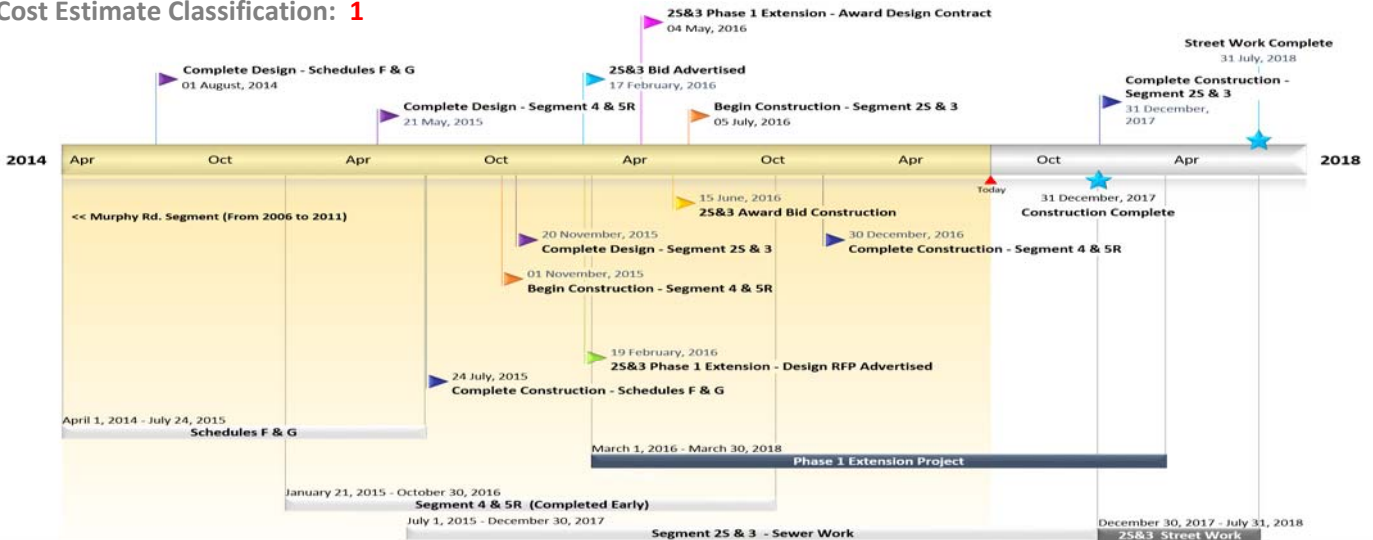


Project Engineer: Eric Forster | eforster@bendoregon.gov

| Scope   | Schedule   | Cost   |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
|---|--|--|---------------|------|-------|----------|--------------|--------------|------|--------------|--------------|------|--------------|--------------|------|--------------|-----------|
| Design and construction of gravity sewer, from South 3rd street to the Neff Road interim connection. Phase 1 Extension Project, approved in January 2016, adds approximately 3,000 feet of sewer main work. | Start Date: 7/1/2006<br>Sewer Completion: 12/31/2017<br>Street Completion: 7/31/2018<br>Final Closeout: 7/30/2019<br><ul style="list-style-type: none"> <li>• Previous segments, as well as 4&amp;5R, are complete.</li> </ul> | Total Estimated: \$72,000,000<br>Spent to Date: \$56,009,343<br>% Spent to Estimated: 78%<br><table border="1"> <thead> <tr> <th>Sub-Projects:</th> <th>Est.</th> <th>Spent</th> </tr> </thead> <tbody> <tr> <td>Previous</td> <td>\$17,500,000</td> <td>\$16,765,255</td> </tr> <tr> <td>4&amp;5R</td> <td>\$12,500,000</td> <td>\$12,277,365</td> </tr> <tr> <td>2S&amp;3</td> <td>\$31,500,000</td> <td>\$26,211,773</td> </tr> <tr> <td>P1EX</td> <td>\$10,500,000</td> <td>\$754,950</td> </tr> </tbody> </table> | Sub-Projects: | Est. | Spent | Previous | \$17,500,000 | \$16,765,255 | 4&5R | \$12,500,000 | \$12,277,365 | 2S&3 | \$31,500,000 | \$26,211,773 | P1EX | \$10,500,000 | \$754,950 |
| Sub-Projects:   | Est.   | Spent  |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| Previous  | \$17,500,000   | \$16,765,255   |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| 4&5R  | \$12,500,000   | \$12,277,365   |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| 2S&3  | \$31,500,000   | \$26,211,773   |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| P1EX  | \$10,500,000   | \$754,950  |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| <b>Status: On Scope</b>   | <b>Status: Potential Schedule Revision</b>   | <b>Status: Increased Budget</b>  |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |
| Adjustments: No change from prior month   | Adjustments: No change from prior month  | Adjustments: No change from prior month  |               |      |       |          |              |              |      |              |              |      |              |              |      |              |           |

**Status Update:** No change from prior month. Impacts to the schedule are likely due to accommodating critical access to medical facilities during the August solar eclipse. Coordination with St. Charles and City of Bend emergency responders is on-going to ensure public safety concerns are met.

## Cost Estimate Classification: 1



## North Area Sewer Capacity Improvements

This project will increase the capacity of the gravity main downstream of the multiple force main discharge point at manhole 3157 and reroute the force main discharge from several lift stations and the NE 3rd Street pressure sewer. It will also reconfigure the structure at Mervin Sampels Bypass and include modifications to both the Sawyer and Riverhouse lift stations.



Project Engineer: George Franklet | gfranklet@bendoregon.gov

### Scope

Analysis of alternatives for pipeline route and construction methods for crossing of irrigation canals and railroad tracks; design and construction of gravity and force mains, pump station modifications, and flow bypass optimization.

### Schedule

Start Date: 10/1/2013  
 Substantial Completion: 12/31/17  
 Final Closeout: 12/31/18

### Cost

Total Estimated: \$8,860,000\*  
 Spent to Date: \$2,152,789  
 % Spent to Estimated: 24%  
 \* Includes street preservation work

| Sub-Projects: | Est.        | Spent       |
|---------------|-------------|-------------|
| Force Main    | \$4,450,000 | \$1,159,347 |
| Gravity       | \$3,855,000 | \$980,567   |
| Lift Station  | \$555,000   | \$12,875    |

### Status: On Scope

Adjustments: No change from prior month

### Status: On Schedule

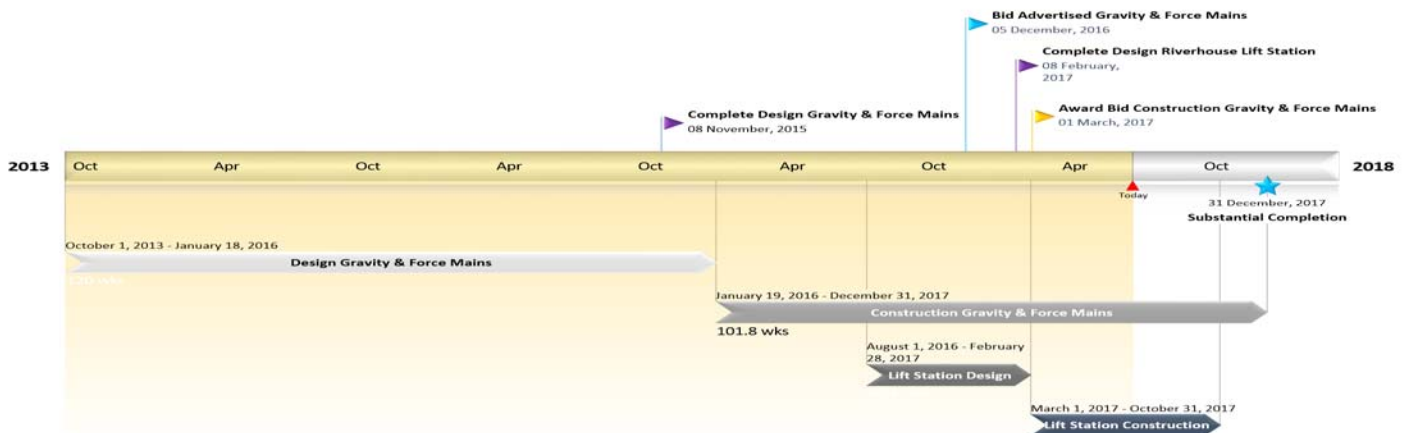
Adjustments: No change from prior month

### Status: Potential Cost Increase

Adjustments: Fractured rock and rubble under Highway 97

**Status Update:** Construction of Force Main complete on NE 3<sup>rd</sup> Street and crossing under Swalley Canal was completed in July. No traffic impacts during the eclipse period. Coordination with Burlington Pacific to complete the installation of Gravity Main east of the railroad tracks. The bore under HWY 97 continues after encountering unforeseen conditions. Cost increase likely due to fractured rock and rubble that requires hand tunneling under highway.

### Cost Estimate Classification: 1



## Southeast Bend Septic to Sewer Solutions

When constructed, existing residences, currently on septic systems, will eventually and systematically connect to the recently constructed South East Interceptor (SEI). This project will require phases to meet constructability limitations and to better meet community involvement requirements.



**Project Engineer: Skip Martin | [smartin@bendoregon.gov](mailto:smartin@bendoregon.gov)**

| Scope   | Schedule  | Cost   |
|---|---|--|
| Design 70,000 feet of gravity sewer through a portion of Southeast Bend area near King's Forest neighborhood. | Start Date: 10/10/2016<br>Substantial Completion: 12/31/2019<br>Final Closeout: 12/31/2019* | Total Estimated: \$2,800,000*<br>Spent to Date: \$97,662<br>% Spent to Estimated: 3% |
| <b>Status: On Scope</b>   | <b>Status: On Schedule</b>  | <b>Status: On Budget</b>   |
| Adjustments: No change from prior month   | Adjustments: No change from prior month   | Adjustments: No change from prior month  |

**Status Update:** Baseline schedule that updated. Two citizen advisory meetings and a City Infrastructure Tour were conducted in July. Topographic survey started and scheduled to be completed by December 2018. Approximately 60% of the 550 homeowners have been contacted.

### Cost Estimate Classification: 5





## Plant Interceptor Rehabilitation

The existing plant interceptor conveys all of the City's sewage to the WRF. The concrete pipeline is deteriorating due to age as well as the sulfides breaking down the concrete wall. This project will rehabilitate the plant interceptor by designing and constructing a Cured-In-Place Pipe (CIPP) liner on the pipe segments in the worst structural condition to lengthen the operational life of the pipeline. All project aspects were previously identified in the Plant Interceptor Condition Assessment and incorporated into the CSMP projects list.



**Project Engineer: Jason Suhr | jsuhr@bendoregon.gov**

### Scope

Rehabilitate all pipe segments and manholes with a Cured-In-Place Pipe (CIPP) liner, and replace the existing siphon junction box.

### Schedule

Start Date: 3/1/2015  
 Substantial Completion: 11/30/18  
 Final Closeout: 11/30/19

### Cost

Total Estimated: \$10,700,000  
 Spent to Date: \$29,750  
 % Spent to Estimated: 0.28%

**Status: On Scope**

**Status: On Schedule**

**Status: On Budget**

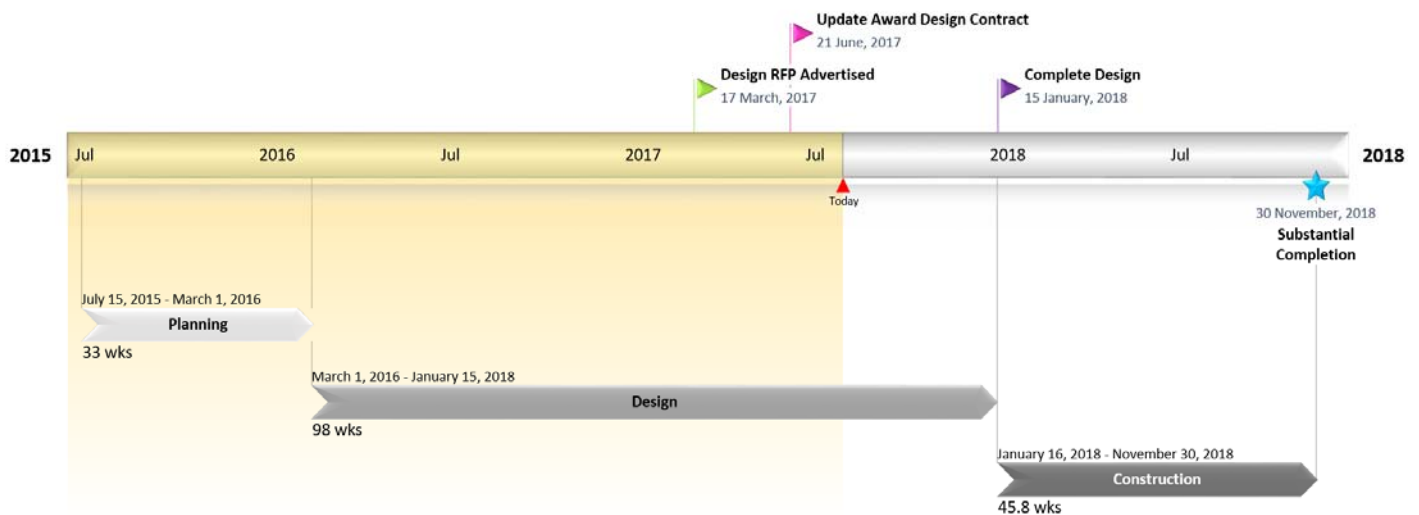
Adjustments: No change from prior month

Adjustments: No change from prior month

Adjustments: No change from prior month

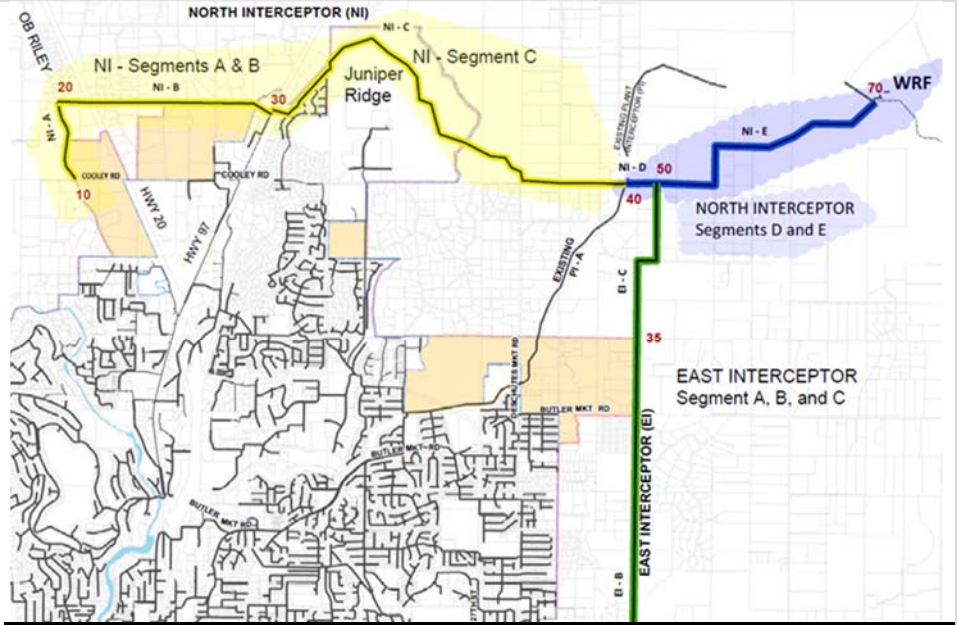
**Status Update:** Initiated design phase. Working to obtain special use permits from federal agencies. Completing topographical survey for baseline design.

### Cost Estimate Classification: 5



# North Interceptor Project

Sewer Interceptor running east to west on the Northern Edge of Bend's UGB, beginning at Cooley Road and OB Riley Road and running east past the Juniper Ridge development, connecting with existing Plant Interceptor, connecting with the East Interceptor, and continuing further east to deliver untreated waste water to the WRF. Segments NI-D and NI-E are designated as Priority 1 (10,300 feet). Segments NI-A, NI-B, and NI-C are designated a Priority 2 (26,300 feet).



**Project Engineer: Skip Martin | [smartin@bendoregon.gov](mailto:smartin@bendoregon.gov)**

## Scope

Design, bid, contract, and build approximately 36,000 feet of gravity sewer, various diameters running along the Northern edge of Bend's UGB. Connects to the WRF.

## Schedule

Start Date: 3/1/17  
 Substantial Completion: 12/31/2022  
 Final Closeout: 12/31/2023

## Cost

Total Estimated: \$23,000,000  
 Spent to Date: \$13,770  
 % Spent to Estimated: 0.06%

### Status: On Scope

Adjustments: No change from prior month

### Status: On Schedule

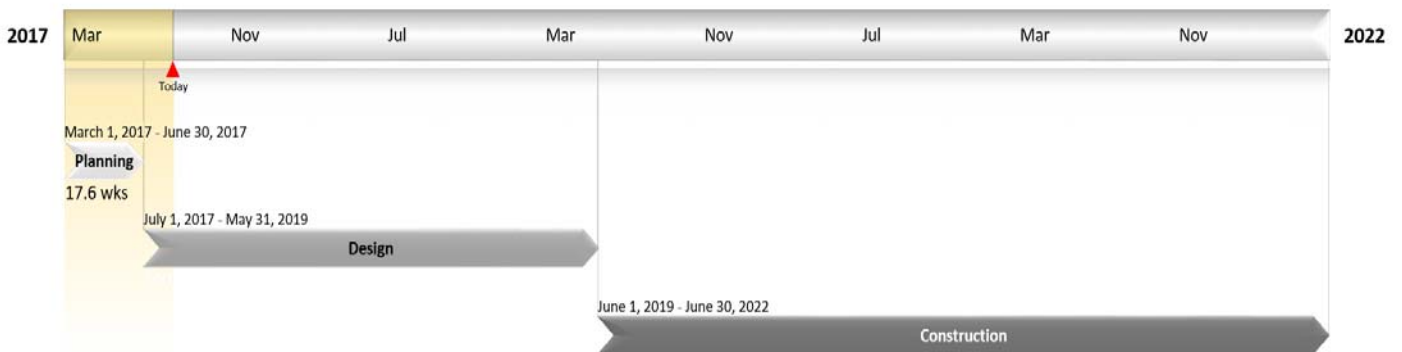
Adjustments: No change from prior month

### Status: On Budget

Adjustments: No change from prior month

**Status Update:** No update from prior month. Received ground survey and digital terrain model (DTM) for both North and East Interceptor alignments. Added it to Geographical Information System (GIS) data.

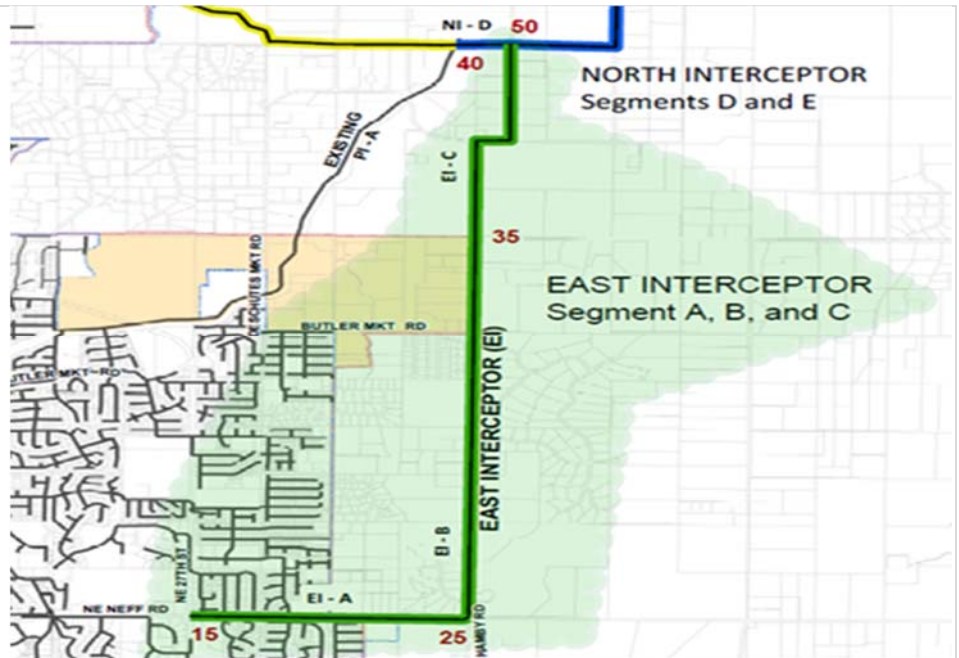
### Cost Estimate Classification: 5





## East Interceptor Project

Future Sewer Interceptor connecting with the SEI at Neff Rd and 27<sup>th</sup> St, proceeding east on Neff Rd to Hamby Rd (5,300 feet), then turning north on Hamby and connecting to the North Interceptor (16,500 feet). Total length of East Interceptor is approximately 21,800 feet.



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### Scope

Design, bid, contract, and build approximately 22,000 feet of gravity sewer, various diameters running along the Eastern edge of Bend's UGB. Connects to the North Interceptor

### Schedule

Start Date: 3/1/17  
 Substantial Completion: 12/31/2025  
 Final Closeout: 12/31/2026

### Cost

Total Estimated: \$21,000,000  
 Spent to Date: \$13,770  
 % Spent to Estimated: 0.07%

### Status: On Scope

Adjustments: No change from prior month

### Status: On Schedule

Adjustments: No change from prior month

### Status: On Budget

Adjustments: No change from prior month

**Status Update:** Received ground survey and digital terrain model (DTM) for both North and East Interceptor alignments. Added it to Geographical Information System (GIS) data.

### Cost Estimate Classification: 5

