

CITY OF BEAVERTON

BUDGET TREND ANALYSIS - FY 09-10 TO FY 12-13

With Explanations on Significant Changes Between Estimated 11-12 and Recommended 12-13

Fund: **SEWER**

Department: **Funding of Sewer Projects**

| <u>Class</u> | <i>Actual</i> | <i>Actual</i> | <i>Budgeted</i> | <i>Estimated</i> | <i>Recommended</i> | % Change |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|
| | <i>09-10</i> | <i>10-11</i> | <i>11-12</i> | <i>11-12</i> | <i>12-13</i> | <i>Budgeted vs. Recommended</i> |
| Capital outlay | <u>\$2,721,101</u> | <u>\$2,602,777</u> | <u>\$4,923,907</u> | <u>\$3,487,072</u> | <u>\$2,730,577</u> | -44.5% |

Construction and improvement projects are as follows:

| <u>Project No.</u> | | <i>Budget</i> | |
|--------------------|--------------------------------------|--------------------|--------------------|
| | | <i>11-12</i> | <i>12-13</i> |
| 3811 | Sewer collection system improvements | \$882,171 | \$136,000 |
| 3850 | Maintenance & replacement projects | 4,041,736 | 2,594,577 |
| | | <u>\$4,923,907</u> | <u>\$2,730,577</u> |

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2012-13 BUDGET

| | |
|--|--|
| FUND: 502 SEWER | DEPARTMENT: PUBLIC WORKS |
| PROGRAM: 3XXX SEWER PROJECTS | PROGRAM MANAGER: DAVID WINSHIP |

SANITARY SEWER PROGRAM

Increased-Capacity Projects

Recommendations made in the City's January 2004 Sanitary Sewer Collection System Master Plan and the 2009 Clean Water Services Master Plan are used by city staff to determine which projects are necessary to increase the capacity of the sewer system to serve new development and redevelopment aging and/or underdeveloped land. In FY 2012-13, construction of increased capacity sanitary sewer improvement will continue on the South Central "H" and Murray Village Sanitary Sewer Extension.

Replacement and Rehabilitation Projects

The city's sewer system is comprised of approximately 275 miles of piping ranging in size from 6 to 21 inches and more than 7,801 manholes. A significant portion of the sewer lines in older sections of the city and some newly annexed areas are nearing or exceeding 65 years of service, which is considered the average useful life of sanitary sewers. City staff has evaluated all the older sewer lines with TV inspection and has rated all older pipes and designated a systematic time line for replacement of each pipe.

Progress on FY 2011-12 Action Plan:

CIP Projects

- 6067 South Central 'H' (Alger Trunk Diversion, 5th E of Alger)
- 6076 Belaire Subdivision Utility Improvements, Phase 1
- 6072 Main Avenue Sewer Renewal Project (7th to Farmington)
- 6054 Dale Avenue Laterals, 17th to 20th Streets
- 6082 Arctic to 107th Avenue Sanitary Sewer Rehab
- 6083 South Cooper Mountain Infrastructure Study

FY 2012-13 Action Plan:

CIP Projects

- 6067 South Central 'H' (Alger Trunk Diversion, 5th E of Alger) - Continuation
- 6076 Belaire Subdivision Utility Improvements, Phase 1 - Continuation
- 6072 Main Avenue Sewer Renewal Project (7th to Farmington) - Continuation
- 6063 Royal Woodlands West Utility Improvements
- 6074 South Central D/F Utility Improvement
- 6082 Arctic to 107th Avenue Sanitary Sewer Rehab - Continuation
- 6083 South Cooper Mountain Infrastructure Study

**City of Beaverton
CIP Financial Plan - Sewer
FY 11-12 Adopted**

| Projects | Funding Sources | | | Total for Fiscal Year |
|--|------------------|------------------|------------------|-----------------------|
| | SDC | Renewal & Rehab | IGA w/CWS | |
| Estimated Beginning Balance, 07/01/2011 | 3,451,831 | 579,631 | | 4,031,462 |
| Estimated Additional Resources, FY 2011/12 | 65,607 | 1,526,532 | 3,132,171 | 4,724,310 |
| Total Available in FY 11/12 | 3,517,438 | 2,106,163 | 3,132,171 | 8,755,772 |
| Projects for FY 11/12 | | | | |
| <u>CIP#</u> <u>Proj #</u> | | | | |
| 3811 SDC Projects: | | | | |
| 6077 Murray Village Sanitary Sewer Extension | 199,668 | | 467,171 | 666,839 |
| 6076 Belaire Subd Utility Improv. Phase 1 | 105,000 | | 105,000 | 210,000 |
| Program 3811 Total | | | | 210,000 |
| 3850 Rehab Projects: | | | | |
| 6067 South Central 'H' (Alger Trunk diversion, 5th E of Alger) | | 287,000 | 105,000 | 392,000 |
| 6076 Belaire Subd Utility Improv. Phase 1 | | 455,000 | 455,000 | 910,000 |
| 6072 Main Ave Sewer Renewal Project (7th to Farmington) | | 300,000 | 300,000 | 600,000 |
| 6054 Dale Avenue Lateral 17th to 20th | | 188,000 | 188,000 | 376,000 |
| 4067B Hall Blvd (12th to Allen) Utility Improvements | | 78,000 | 72,000 | 150,000 |
| 6082 Arctic to 107th Sanitary Sewer Rehab | | | 1,440,000 | 1,440,000 |
| Program 3850 Total | | | | 3,868,000 |
| Total Project Costs in FY 11/12 | 304,668 | 1,308,000 | 3,132,171 | 4,744,839 |
| Estimated Ending Balance @ 6/30/2012 | 3,212,770 | 798,163 | 0 | 4,010,933 |

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

**City of Beaverton
CIP Financial Plan - Sewer
FY 11-12 Estimated**

| Projects | Funding Sources | | | Total for Fiscal Year |
|--|------------------|------------------|------------------|-----------------------|
| | SDC | Renewal & Rehab | IGA w/CWS | |
| Actual Beginning Balance, 07/01/2012 | 3,541,188 | 1,406,869 | | 4,948,057 |
| West Slope Project (3850) Reimbursement | | 231,828 | | |
| Estimated Additional Resources, FY 2011/12 | 66,130 | 715,114 | 1,317,402 | 2,098,646 |
| Total Available in FY 11/12 | 3,607,318 | 2,353,811 | 1,317,402 | 7,046,703 |
| Projects for FY 11/12 | | | | |
| <u>CIP#</u> <u>Proj #</u> | | | | |
| 3811 SDC Projects: | | | | |
| 6077 Murray Village Sanitary Sewer Extension | 375,000 | | 600,000 | 975,000 |
| 6063 Royal Woodlands West Utility Improvement | 30,000 | | | 30,000 |
| 6076 Belaire Subd Utility Improv. Phase 1 | 220,000 | | | 220,000 |
| Program 3811 Total | | | | 1,225,000 |
| 3850 Rehab Projects: | | | | |
| 6067 South Central 'H' (Alger Trunk diversion, 5th E of Alger) | | 54,254 | 225,323 | 279,577 |
| 6076 Belaire Subd Utility Improv. Phase 1 | | 163,000 | 163,000 | 326,000 |
| 6072 Main Ave Sewer Renewal Project (7th to Farmington) | | 300,000 | 300,000 | 600,000 |
| 4067B Hall Blvd (12th to Allen) Utility Improvements | | 37,416 | 29,079 | 66,495 |
| 6082 Arctic to 107th Sanitary Sewer Rehab | | 930,000 | | 930,000 |
| 6063 Royal Woodlands West Utility Improvement | | 60,000 | | 60,000 |
| Program 3850 Total | | | | 2,262,072 |
| Total Project Costs in FY 11/12 | 625,000 | 1,544,670 | 1,317,402 | 3,487,072 |
| Estimated Ending Balance @ 6/30/2012 | 2,982,318 | 809,141 | 0 | 3,791,459 |

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

**City of Beaverton
CIP Financial Plan - Sewer
FY 12-13 Recommended**

| Projects | Funding Sources | | | Total for Fiscal Year |
|---|------------------|------------------|------------------|-----------------------|
| | SDC | Renewal & Rehab | IGA w/CWS | |
| Estimated Beginning Balance, FY 2012/13 | 2,982,318 | 809,141 | | 3,791,459 |
| Estimated Additional Resources, FY 2012/13 | 64,730 | 788,990 | 1,572,323 | 2,426,043 |
| Total Available in FY 12/13 | 3,047,048 | 1,598,131 | 1,572,323 | 6,217,502 |
| Projects for FY 12/13 | | | | |
| <u>CIP#</u> <u>Proj #</u> | | | | |
| 3811 SDC Projects: | | | | |
| 6076 Belaire Subd Utility Improv. Phase 1 | 66,000 | | | 66,000 |
| 6063 Royal Woodlands West Utility Improvement | 15,000 | | 15,000 | 30,000 |
| 6083 So. Cooper Mtn. Infrastructure Study | 40,000 | | | 40,000 |
| Program 3811 Total | | | | 136,000 |
| 3850 Rehab Projects: | | | | |
| 6067 South Central 'H' (Alger Trunk diversion, 5th E of Alger) | | 49,254 | 225,323 | 274,577 |
| 6076 Belaire Subd Utility Improv. Phase 1 | | 278,000 | 402,000 | 680,000 |
| 6072 Main Ave Sewer Renewal Project (7th to Farmington) | | 200,000 | 200,000 | 400,000 |
| 6063 Royal Woodlands West Utility Improvement | | 30,000 | 30,000 | 60,000 |
| 6074 South Central Area D/F Utility Imp. | | 430,000 | 420,000 | 850,000 |
| 6082 Arctic to 107th Sanitary Sewer Rehab | | 50,000 | 250,000 | 300,000 |
| 4106 Scholls Ferry Road Improvement (Wa. Co.) - 27" Sanitary Sewer Extension (Loon to Roy Rogers) | | | 30,000 | 30,000 |
| Program 3850 Total | | | | 2,594,577 |
| Total Project Costs in FY 12-13 | 121,000 | 1,037,254 | 1,572,323 | 2,730,577 |
| Less Vehicle Replacement Reserve | | (65,832) | | |
| Estimated Ending Balance @ 6/30/2013 | 2,926,048 | 495,045 | 0 | 3,421,093 |

Note: Shaded projects are to be completed by city workers, application or installation of materials only.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

| OBJ | 2010 - ACTUAL | | 2011 - ACTUAL | | 2012 BUDGETED | | 2012 YTD | 2012 | 2013 - RECOMD | | 2013 ADOPTED | |
|-----|---------------|-----|---------------|-----|---------------|-----|----------|---------|---------------|-----|--------------|-----|
| | AMOUNT | FTE | AMOUNT | FTE | AMOUNT | FTE | ACT AMT | EST AMT | AMOUNT | FTE | AMOUNT | FTE |

CLASS: 15 CAPITAL OUTLAY

682 CONSTRUCTION

| | | | | | | | | | | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|
| | 2,326,916 | | 2,172,992 | | 4,597,907 | | 1,462,760 | 3,083,072 | 2,373,577 | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|

683 CONST DESIGN & ENGR INSPECTION

| | | | | | | | | | | | | |
|--|---------|--|---------|--|---------|--|---------|---------|---------|--|--|--|
| | 394,185 | | 429,785 | | 326,000 | | 347,280 | 404,000 | 357,000 | | | |
|--|---------|--|---------|--|---------|--|---------|---------|---------|--|--|--|

TOTAL CLASS: 15 CAPITAL OUTLAY

| | | | | | | | | | | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|
| | 2,721,101 | | 2,602,777 | | 4,923,907 | | 1,810,040 | 3,487,072 | 2,730,577 | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|

TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS

| | | | | | | | | | | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|
| | 2,721,101 | | 2,602,777 | | 4,923,907 | | 1,810,040 | 3,487,072 | 2,730,577 | | | |
|--|-----------|--|-----------|--|-----------|--|-----------|-----------|-----------|--|--|--|

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