# City of Benicia

# Capital Improvement Program

## FY 2007-27

# Total Program Revenues

## City of Benicia Capital Improvement Program

| Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| **Development** | | | | | | | | |
| Capital License Tax | $ 407,600 | $ 320,000 | $ 30,000 | $ 10,000 | $ 10,000 | $ 10,000 | $ 150,000 | $ 937,600 |
| Park Dedication Fee | $ 490,000 | 71,030 | - | - | - | - | 100,000 | 661,030 |
| Traffic Mitigation Fee | $ 420,000 | 461,000 | 887,000 | 350,000 | 1,150,000 | 150,000 | 7,888,000 | 11,306,000 |
| Water Capital Connections | $ - | 1,075,000 | 1,010,000 | 1,000,000 | 1,010,000 | 1,000,000 | 19,950,000 | 25,045,000 |
| Wastewater Capital Connections | $ - | 475,000 | 485,000 | 475,000 | 485,000 | 550,000 | 7,450,000 | 9,920,000 |
| **Grants** | | | | | | | | |
| Local Grants | $ 40,000 | 62,000 | - | - | - | - | - | 102,000 |
| State Grants | $ 1,294,000 | 900,000 | - | - | - | - | - | 2,194,000 |
| Federal Grants | $ 1,362,630 | - | 2,152,000 | 700,000 | 750,000 | 1,000,000 | 3,937,500 | 9,902,130 |
| **Operations** | | | | | | | | |
| General Fund | $ 5,711,328 | 1,578,380 | 187,500 | 125,000 | - | - | 437,500 | 8,039,708 |
| Gas Taxes | $ 734,200 | 735,000 | 600,000 | 580,000 | 600,000 | 1,550,000 | 9,152,000 | 13,951,200 |
| Internal Service Funds | $ 424,000 | 678,300 | 318,040 | 170,000 | 70,000 | 70,000 | 1,050,000 | 2,780,340 |
| Water Operations | $ - | 1,235,000 | 1,270,000 | 1,193,750 | 2,161,000 | 640,000 | 28,450,000 | 34,949,750 |
| Wastewater Operations | $ - | 570,000 | 645,000 | 883,750 | 725,000 | 720,000 | 10,580,000 | 14,123,750 |
| **Miscellaneous** | | | | | | | | |
| Donations | $ 455,398 | 15,000 | 15,000 | - | 1,300,000 | - | 11,630,000 | 13,415,398 |
| Special Fees and Charges | $ - | - | - | - | - | - | - | - |
| Sale of Property | $ 400,000 | 320,000 | 20,000 | - | - | - | - | 740,000 |
| Interfund Loans | $ 225,000 | - | - | - | - | - | - | 225,000 |
| Reserved Funds | $ 781,500 | 2,462,000 | 1,235,000 | 710,000 | 35,000 | 110,000 | 4,021,000 | 9,354,500 |
| **Annual Revenues** | **$ 12,745,656** | **$ 10,957,710** | **$ 8,854,540** | **$ 6,197,500** | **$ 8,296,000** | **$ 5,800,000** | **$ 104,796,000** | **$ 157,647,406** |
| **Annual Program Needs** | **$ 11,644,383** | **$ 12,764,710** | **$ 8,946,540** | **$ 21,304,000** | **$ 10,663,500** | **$ 16,379,500** | **$ 255,915,490** | **$ 337,618,123** |
| **Annual Shortfall** | **$ 269,727** | **$ 646,000** | **$ 776,000** | **$ 14,282,500** | **$ 3,797,500** | **$ 9,079,500** | **$ 151,119,490** | **$ 179,970,717** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 70,058,250** | **$ 255,915,490** | **$ 325,973,740** |

# Total Program Expenditures

## City of Benicia Capital Improvement Program

| | Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|
| 22 | Buildings and Related Infrastructure | $ 2,586,000 | $ 4,561,180 | $ 273,040 | $ 6,051,250 | $ 50,000 | $ 50,000 | $ 16,935,000 | $ 30,506,470 |
| 42 | Parks and Recreation Facilities | 4,215,563 | 211,030 | 40,000 | 6,653,750 | 1,255,000 | 645,000 | 14,407,990 | 27,428,333 |
| 6 | Miscellaneous Projects | 101,600 | 97,000 | 155,000 | 100,000 | 10,000 | 100,000 | 650,000 | 1,213,600 |
| 95 | Transportation Program | 2,920,830 | 1,935,500 | 3,768,500 | 3,866,500 | 4,602,500 | 12,279,500 | 137,799,500 | 167,172,830 |
| 20 | Storm Water Program | 1,820,390 | 470,000 | 170,000 | 625,000 | 235,000 | 340,000 | 16,493,000 | 20,153,390 |
| 44 | Water Operations Program | - | 2,780,000 | 1,320,000 | 1,243,750 | 2,161,000 | 640,000 | 29,400,000 | 37,544,750 |
| 4 | Water Capital Connection Program | - | 1,075,000 | 1,010,000 | 1,000,000 | 1,010,000 | 1,000,000 | 19,950,000 | 25,045,000 |
| 57 | Wastewater Operations Program | - | 1,160,000 | 1,725,000 | 1,288,750 | 855,000 | 775,000 | 12,830,000 | 18,633,750 |
| 9 | Wastewater Capital Connection Program | - | 475,000 | 485,000 | 475,000 | 485,000 | 550,000 | 7,450,000 | 9,920,000 |
| 299 | Annual Program Needs | $ 11,644,383 | $ 12,764,710 | $ 8,946,540 | $ 21,304,000 | $ 10,663,500 | $ 16,379,500 | $ 255,915,490 | $ 337,618,123 |
| | Total CIP (5, 6-20, 20 Years) | | | | | | $ 70,058,250 | $ 255,915,490 | $ 325,973,740 |

# Buildings & Related Infrastructure

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| Development | | | | | | | | |
| Capital License Tax | $ 336,000 | $ 310,000 | $ - | $ - | $ - | $ - | $ - | $ 646,000 |
| Park Dedication Fee | $ - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fee | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Grants | | | | | | | | |
| Local Grants | $ - | - | - | - | - | - | - | $ - |
| State Grants | $ - | 900,000 | - | - | - | - | - | $ 900,000 |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| Operations | | | | | | | | |
| General Fund | $ 910,000 | 1,065,880 | 75,000 | - | - | - | - | $ 2,050,880 |
| Gas Taxes | $ - | - | - | - | - | - | - | $ - |
| Internal Service Funds | $ 379,000 | 483,300 | 198,040 | 150,000 | 50,000 | 50,000 | 750,000 | $ 2,060,340 |
| Water Operations | $ - | 5,000 | - | - | - | - | - | $ 5,000 |
| Wastewater Operations | $ - | 5,000 | - | - | - | - | - | $ 5,000 |
| Miscellaneous | | | | | | | | |
| Donations | $ 100,000 | - | - | - | - | - | - | $ 100,000 |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ 400,000 | 300,000 | - | - | - | - | - | $ 700,000 |
| Interfund Loans & Debt Issuance | $ 225,000 | - | - | - | - | - | - | $ 225,000 |
| Reserved Funds | $ 770,000 | 312,000 | - | - | - | - | - | $ 1,082,000 |
| **Annual Revenues** | **$ 3,120,000** | **$ 3,381,180** | **$ 273,040** | **$ 150,000** | **$ 50,000** | **$ 50,000** | **$ 750,000** | **$ 7,774,220** |
| **Annual Program Needs** | **$ 2,586,000** | **$ 4,561,180** | **$ 273,040** | **$ 6,051,250** | **$ 50,000** | **$ 50,000** | **$ 16,935,000** | **$ 30,506,470** |
| **Undetermined Funding Shortfall** | **$ 0** | **$ 646,000** | **$ 0** | **$ 5,901,250** | **$ 0** | **$ 0** | **$ 16,185,000** | **$ 22,732,250** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 10,985,470** | **$ 16,935,000** | **$ 27,920,470** |

# Buildings & Related Infrastructure

## City of Benicia Capital Improvement Program

| BR | Project Description | CP | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Youth Activity Center Improvements | | 20,000 | - | - | 230,000 | - | - | - | 250,000 |
| 2 | Camel Barn Floor Repairs (Completed) | | 150,000 | - | - | - | - | - | - | 150,000 |
| 3 | Depot Freight Room & Renovation | | - | 25,000 | - | - | - | - | 185,000 | 210,000 |
| 4 | City Hall Bathrooms ADA Improvments (Complete | | 256,000 | - | - | - | - | - | - | 256,000 |
| 5 | Clocktower Stairway (Completed) | | 140,000 | - | - | - | - | - | - | 140,000 |
| 6 | Library Basement Completion | CP | - | 412,000 | - | - | - | - | - | 412,000 |
| 7 | James Lemos Swim Center | | - | - | - | 2,070,000 | - | - | - | 2,070,000 |
| 8 | City Gym Improvements | | 100,000 | - | - | 187,500 | - | - | - | 287,500 |
| 9 | Commandants Renovation - Phase I | CP | 250,000 | 1,280,000 | - | - | - | - | - | 1,530,000 |
| 9.1 | Commandants Renovation - Phase II | CP | - | 1,400,000 | - | - | - | - | - | 1,400,000 |
| 10 | Community Center | CP | 100,000 | 690,880 | - | - | - | - | - | 790,880 |
| 11 | Fire Station #12 Upgrades | | 70,000 | 217,000 | - | - | - | - | - | 287,000 |
| 12 | Upgrade Current Police Facility | CP | 1,425,000 | - | - | - | - | - | - | 1,425,000 |
| 13 | City Hall Reinforcement | | - | - | - | 650,000 | - | - | - | 650,000 |
| 14 | Senior Center Upgrades | | 45,000 | 25,000 | 25,000 | 327,750 | - | - | - | 422,750 |
| 15 | City Hall Non-Structural Improvements | | - | 150,000 | 165,000 | 50,000 | 50,000 | 50,000 | 750,000 | 1,215,000 |
| 16 | Corporation Yard Improvements | | - | 110,000 | 50,000 | 300,000 | - | - | - | 460,000 |
| 17 | Clocktower Improvements | CP | - | 210,000 | - | 1,500,000 | - | - | - | 1,710,000 |
| 18 | CAO/HR/IS Modular Improvements | | 30,000 | - | - | - | - | - | - | 30,000 |
| 19 | Camel Barn Seismic Upgrade | | - | - | - | 575,000 | - | - | - | 575,000 |
| 20 | Library Improvements | | - | 41,300 | 33,040 | - | - | - | - | 74,340 |
| 21 | Camel Barn Parking Lot Lights | | - | - | - | 161,000 | - | - | - | 161,000 |
| 22 | New Police Facility | | - | - | - | - | - | - | 16,000,000 | 16,000,000 |
| | **Annual Program Needs** | | **$ 2,586,000** | **$ 4,561,180** | **$ 273,040** | **$ 6,051,250** | **$ 50,000** | **$ 50,000** | **$ 16,935,000** | **$ 30,506,470** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | **$ 10,985,470** | **$ 16,935,000** | **$ 27,920,470** |

# Parks and Recreation Facilities

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2010-27 | Total |
|---|---|---|---|---|---|---|---|---|
| Development | | | | | | | | |
| Capital License Tax | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fee | $ 490,000 | 71,030 | - | - | - | - | 100,000 | $ 661,030 |
| Traffic Mitigation Fee | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Grants | | | | | | | | |
| Local Grants | $ - | - | - | - | - | - | - | $ - |
| State Grants | $ 1,150,000 | - | - | - | - | - | - | $ 1,150,000 |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| Operations | | | | | | | | |
| General Fund | $ 2,210,438 | - | - | - | - | - | - | $ 2,210,438 |
| Gas Taxes | $ - | - | - | - | - | - | - | $ - |
| Internal Service Funds | $ 40,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 300,000 | $ 440,000 |
| Water Operations | $ - | - | - | - | - | - | - | $ - |
| Wastewater Operations | $ - | - | - | - | - | - | - | $ - |
| Miscellaneous | | | | | | | | |
| Donations | $ 125,398 | - | - | - | - | - | - | $ 125,398 |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ - | 20,000 | 20,000 | - | - | - | - | $ 40,000 |
| Interfund Loans & Debt Issuance | $ - | - | - | - | - | - | - | $ - |
| Reserved Funds | $ - | - | - | - | - | - | - | $ - |
| **Annual Revenues** | **$ 4,015,836** | **$ 111,030** | **$ 40,000** | **$ 20,000** | **$ 20,000** | **$ 20,000** | **$ 400,000** | **$ 4,626,866** |
| **Annual Program Needs** | **$ 4,215,563** | **$ 211,030** | **$ 40,000** | **$ 6,653,750** | **$ 1,255,000** | **$ 645,000** | **$ 14,407,990** | **$ 27,428,333** |
| **Undetermined Funding Shortfall** | **$ 269,727** | **$ 0** | **$ 0** | **$ 6,663,750** | **$ 1,235,000** | **$ 625,000** | **$ 14,007,990** | **$ 22,801,467** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 8,523,750** | **$ 14,407,990** | **$ 22,931,740** |

# Parks & Recreation Facilities

## City of Benicia Capital Improvement Program

| PR | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | First St. Penninsula Improvements | | | 1,520,103 | Complete | - | - | - | - | - | 1,520,103 |
| 2 | Recreation Area Lighting | | | 1,171,560 | Complete | - | - | - | - | - | 1,171,560 |
| 3 | Playground Replacement Fund | | | 40,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 300,000 | 440,000 |
| 4 | Arneson | | | - | - | - | 15,000 | 15,000 | - | - | 30,000 |
| 5 | Jack London | | | 6,000 | - | - | 40,000 | - | - | - | 46,000 |
| 6 | Benicia Community Park | | | 54,000 | - | - | 780,000 | - | - | 281,750 | 1,115,750 |
| 7 | Boccee Ball | | | 85,900 | Complete | - | - | - | - | - | 85,900 |
| 8 | Overlook Park | | | 30,000 | 30,000 | - | 832,500 | - | - | 300,000 | 1,192,500 |
| 9 | Willow Glen Park | | | 40,000 | - | - | 230,000 | - | - | 368,000 | 638,000 |
| 10 | West Ninth Street Park | | | 55,000 | 71,030 | - | - | - | - | 50,000 | 176,030 |
| 11 | Southampton Park | | | 35,000 | - | - | 421,000 | - | - | 65,500 | 521,500 |
| 12 | Parks Master Plan Update | | | - | - | - | 50,000 | - | - | - | 50,000 |
| 13 | YAC | | | 65,000 | Complete | - | 55,000 | - | - | - | 120,000 |
| 14 | Francesca Terrace | | | - | 50,000 | - | 322,000 | - | - | 249,550 | 621,550 |
| 15 | Duncan Graham Park | | | 60,000 | - | - | 75,000 | - | - | 31,500 | 166,500 |
| 16 | Civic Center Park | | | 120,000 | - | - | 287,500 | - | - | - | 407,500 |
| 17 | Bridgeview Park | | | 95,000 | - | - | 345,000 | 115,000 | - | - | 555,000 |
| 18 | Lake Herman Regional Park | | | - | - | - | 22,000 | 345,000 | 345,000 | 345,000 | 1,057,000 |
| 19 | X-Park | CP | | 838,000 | - | - | - | - | - | - | 838,000 |
| 20 | City Cemetery Road Improvements | | | - | 20,000 | 20,000 | 460,000 | 50,000 | 50,000 | 115,000 | 715,000 |
| 21 | Sarivia Park | | | - | - | - | 34,500 | - | - | - | 34,500 |
| 22 | Channing Circle | | | - | - | - | 86,250 | 115,000 | 230,000 | 9,300 | 440,550 |
| 23 | Benicia Views II | | | - | - | - | 75,000 | - | - | - | 75,000 |
| 24 | Park Solano | | | - | - | - | 55,000 | 20,000 | - | 32,000 | 107,000 |
| 25 | Roller Hockey Rink Surface | | | - | 20,000 | - | - | - | - | - | 20,000 |
| 26 | Clocktower Park Improvements | | | - | - | - | 483,000 | - | - | 465,750 | 948,750 |
| 27 | Skillman | | | - | - | - | 25,000 | 230,000 | - | - | 255,000 |
| 28 | Gateway | | | - | - | - | 50,000 | - | - | - | 50,000 |
| 29 | City Park | | | - | - | - | 50,000 | - | - | 142,140 | 192,140 |
| 30 | Fitzgerald Field | | | - | - | - | 575,000 | - | - | - | 575,000 |
| 31 | First St. Green Expansion | | | - | - | - | 575,000 | 345,000 | - | - | 920,000 |
| 32 | Benicia Waterfront Path | | | - | - | - | - | - | - | 65,000 | 65,000 |
| 33 | Matthew Turner Park | | | - | - | - | 345,000 | - | - | 83,500 | 428,500 |
| 34 | Misc. Trails | | | - | - | - | - | - | - | 96,000 | 96,000 |

# Parks & Recreation Facilities

## City of Benicia Capital Improvement Program

| PR | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 35 | Bottle Hill Park | | | - | - | - | - | - | - | 132,250 | 132,250 |
| 36 | Little League | | | - | - | - | 345,000 | - | - | 575,000 | 920,000 |
| 37 | Raymond Bardoni Park | | | - | - | - | - | - | - | 862,500 | 862,500 |
| 38 | Park D-7 | | | - | Removed | - | - | - | - | - | - |
| 39 | Marsh Overlook & Pier Trail | | | - | - | - | - | - | - | 1,150,000 | 1,150,000 |
| 40 | Perth Way Neighborhood Park | | | - | - | - | - | - | - | 2,070,000 | 2,070,000 |
| 41 | Hastings Road Neighborhood Park | | | - | - | - | - | - | - | 3,168,250 | 3,168,250 |
| 42 | Waterfront Project (E2nd to First St) | | | - | - | - | - | - | - | 3,450,000 | 3,450,000 |
| | **Total Program Costs** | | | **$4,215,563** | **$ 211,030** | **$ 40,000** | **$ 6,653,750** | **$ 1,255,000** | **$ 645,000** | **$ 14,407,990** | **$ 27,428,333** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 8,804,780** | **$ 14,407,990** | **$ 23,212,770** |

# Miscellaneous Projects

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| **Development** | | | | | | | | |
| Capital License Tax | $ 71,600 | $ 10,000 | $ 30,000 | $ 10,000 | $ 10,000 | $ 10,000 | $ 150,000 | $ 291,600 |
| Park Dedication Fee | $ - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fee | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| **Grants** | | | | | | | | |
| Local Grants | $ - | 62,000 | - | - | - | - | - | $ 62,000 |
| State Grants | $ - | - | - | - | - | - | - | $ - |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| **Operations** | | | | | | | | |
| General Fund | $ 25,000 | 25,000 | - | - | - | - | - | $ 50,000 |
| Gas Taxes | $ - | - | - | - | - | - | - | $ - |
| Internal Service Funds | $ 5,000 | 75,000 | 50,000 | - | - | - | - | $ 130,000 |
| Water Operations | $ - | - | - | - | - | - | - | $ - |
| Wastewater Operations | $ - | - | - | - | - | - | - | $ - |
| **Miscellaneous** | | | | | | | | |
| Donations | $ - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | $ - | - | - | - | - | - | - | $ - |
| Reserved Funds | $ - | - | - | - | - | - | - | $ - |
| **Annual Revenues** | **$ 101,600** | **$ 172,000** | **$ 80,000** | **$ 10,000** | **$ 10,000** | **$ 10,000** | **$ 150,000** | **$ 533,600** |
| **Annual Program Needs** | **$ 101,600** | **$ 97,000** | **$ 155,000** | **$ 100,000** | | | **$ 650,000** | **$ 1,213,600** |
| **Undetermined Funding Shortfall** | **$ 0** | **$ 0** | **$ 0** | **$ 90,000** | **$ 0** | **$ 90,000** | **$ 500,000** | **$ 680,000** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 180,000** | **$ 650,000** | **$ 830,000** |

# Miscellaneous Projects

## City of Benicia Capital Improvement Program

| MP | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Citywide ADA Improvements | | | - | 10,000 | 10,000 | 10,000 | 10,000 | 100,000 | 150,000 | 290,000 |
| 2 | Upgrade Current Police Range | | | - | - | 20,000 | - | - | - | - | 20,000 |
| 3 | Upgrade Police & Fire Communications | | | 71,600 | - | - | 90,000 | - | - | - | 161,600 |
| 4 | Audio/Visual/Communication Upgrades | | | 30,000 | 62,000 | - | - | - | - | - | 92,000 |
| 5 | Marina Sheetpile Breakwater Repairs | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 6 | Recycling Center/Corp Yard Improvements | | | - | 25,000 | 125,000 | - | - | - | 0 | 150,000 |
| | **Annual Program Needs** | | | **$ 101,600** | **$ 97,000** | **$ 155,000** | **$ 100,000** | **$ 10,000** | **$ 100,000** | **$ 650,000** | **$ 1,213,600** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 462,000** | **$ 650,000** | **$ 650,000** |

# Transportation Projects

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| **Development** | | | | | | | | |
| Capital License Tax | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | 420,000 | 461,000 | 887,000 | 350,000 | 1,150,000 | 150,000 | 7,888,000 | $ 11,306,000 |
| Water Capital Connections | - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | - | - | - | - | - | - | - | $ - |
| **Grants** | | | | | | | | |
| Local Grants | - | - | - | - | - | - | - | $ - |
| State Grants | 144,000 | - | - | - | - | - | - | $ 144,000 |
| Federal Grants | 1,362,630 | - | 2,152,000 | 700,000 | 750,000 | 1,000,000 | 3,937,500 | $ 9,902,130 |
| **Operations** | | | | | | | | |
| General Fund | 809,500 | 17,500 | 42,500 | 50,000 | - | - | 437,500 | $ 1,357,000 |
| Gas Taxes | 720,200 | 735,000 | 600,000 | 580,000 | 600,000 | 1,550,000 | 9,152,000 | $ 13,937,200 |
| Internal Service Funds | - | 100,000 | 50,000 | - | - | - | - | $ 150,000 |
| Water Operations | - | - | - | - | - | - | - | $ - |
| Wastewater Operations | - | - | - | - | - | - | - | $ - |
| **Miscellaneous** | | | | | | | | |
| Developer Contributions | 230,000 | 15,000 | 15,000 | - | 1,300,000 | - | 11,630,000 | $ 13,190,000 |
| Special Fees and Charges | - | - | - | - | - | - | - | $ - |
| Sale of Property | - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | - | - | - | - | - | - | - | $ - |
| Reserved Funds | 1,500 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 143,000 | $ 169,500 |
| **Annual Revenues** | **$ 3,687,830** | **$ 1,333,500** | **$ 3,751,500** | **$ 1,685,000** | **$ 3,805,000** | **$ 2,705,000** | **$ 33,188,000** | **$ 50,155,830** |
| **Annual Program Needs** | **$ 2,920,830** | **$ 1,935,500** | **$ 3,768,500** | **$ 3,866,500** | **$ 4,602,500** | **$ 12,279,500** | **$ 137,799,500** | **$ 167,172,830** |
| **Undetermined Funding Shortfall** | **$ 0** | **$ 0** | **$ 776,000** | **$ 1,327,500** | **$ 2,227,500** | **$ 8,074,500** | **$ 104,611,500** | **$ 117,017,000** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 26,452,500** | **$ 137,799,500** | **$ 164,252,000** |

# Transportation Projects

## City of Benicia Capital Improvement Program

| TR | Project Description | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Local Roads and Streets** | | | | | | | | | | | |
| 1 | Alley Improvement Program | | GT | 30,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 315,000 | 445,000 |
| 2 | East N St Paving (600 block) | | U | 40,000 | - | - | - | - | - | - | 40,000 |
| 3 | Ind. Wy Roadway Improvements (200 block) | | TM | 25,000 | 50,000 | 500,000 | - | - | - | - | 575,000 |
| 4 | Citywide Street Resurfacing Program | | GT | 257,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 7,950,000 | 10,707,000 |
| 5 | Columbus Pkwy Overlay (I-780 to Rose Drive) | | GF/GP | - | - | - | 50,000 | 150,000 | - | - | 200,000 |
| 6 | East 2 St Overlay (Riverhill Dr to Hillcrest Av) | | GF/GP | 209,000 | - | - | - | - | - | - | 209,000 |
| 7 | East H St Overlay (East 2 to East 5 St) | | GF/GP | 374,710 | - | - | - | - | - | - | 374,710 |
| 8 | East 5 St Overlay (Military East to I-780) | | GF/GP | 236,000 | - | - | - | - | - | - | 236,000 |
| 9 | Columbus Pkwy Reliever Route | | TM/DEV | - | - | - | - | 500,000 | - | - | 500,000 |
| 10 | Channel Rd Extension to Industrial Wy | | DEV | - | - | - | - | - | - | 500,000 | 500,000 |
| 11 | East B St Improvements (east of East 2 St) | | U | - | - | - | - | - | - | 590,000 | 590,000 |
| 12 | Park Rd Widening (Adams St-Connector Rd) | | TM | - | - | - | - | - | - | 750,000 | 750,000 |
| 13 | Park Rd Widening (Ind Wy-Sulphur Spg Cr Br) | | TM | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 14 | Benicia Ind. Park Railroad Crossing Upgrades | | U | - | - | - | - | - | - | 900,000 | 900,000 |
| 15 | Military West Widening (West 2 to West 5 St) | | TM | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 16 | East 2 St Reconstruct (East B to East E St) | | U | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 17 | East 5 St Widening (Military East to I-780) | | TM | - | - | - | - | - | - | 750,000 | 750,000 |
| 18 | East Channel Rd Reconstruction | | U | - | - | - | - | - | - | 1,300,000 | 1,300,000 |
| 19 | Bayshore Rd Extend (Park Rd to Industrial Wy) | | TM | - | - | - | - | - | - | 1,600,000 | 1,600,000 |
| 20 | Industrial Wy Widening (East 2 St to I-680) | | TM | - | - | - | - | - | - | 2,250,000 | 2,250,000 |
| 21 | Lake Herman Rd Reconstruction | | U | - | - | - | - | - | - | 2,250,000 | 2,250,000 |
| 22 | East 2 St Widening (Military East to I-780) | | DEV | - | - | - | - | - | - | 3,400,000 | 3,400,000 |
| 23 | Ind. Wy Extend (East 2 St-Lake Herman Rd) | | DEV | - | - | - | - | - | - | 3,000,000 | 3,000,000 |
| 24 | Park Rd/East 2 St Cross-Connector Rd | | TM | - | - | - | - | - | - | 4,100,000 | 4,100,000 |
| 25 | East 2 St Widen (Ind. Wy-Lake Herman Rd) | | DEV | - | - | - | - | - | - | 6,000,000 | 6,000,000 |
| 97 | West K St Overlay | | | 25,000 | 387,000 | - | - | - | - | - | 412,000 |
| 98 | First St Rehabilitation | | | - | - | - | 25,000 | 500,000 | - | - | 525,000 |
| 99 | Military West Rehabilitation | | | - | - | - | - | 50,000 | 1,000,000 | - | 1,050,000 |
| 106 | West 2nd Street Overlay | | | - | 125,000 | - | - | - | - | 0 | 125,000 |

# Transportation Projects

## City of Benicia Capital Improvement Program

| TR | Project Description | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Intersections** | | | | | | | | | | | |
| 26 | Rose Dr Right Turn Pocket | | DEV | - | - | 30,000 | - | - | - | - | 30,000 |
| 27 | East 6 St/Military East Intersection Mods | | U | - | - | - | 50,000 | - | - | - | 50,000 |
| 28 | BHS Traffic Signal and Entrance Circulation Imp | | U | 5,000 | - | 25,000 | 375,000 | - | - | - | 405,000 |
| 29 | Southampton Rd/Hastings Dr Signalization | | TM | - | - | - | 50,000 | 250,000 | - | - | 300,000 |
| 30 | Lake Herman Rd/East 2 St Signalization | | TM | - | - | - | - | - | - | 200,000 | 200,000 |
| 31 | Park Rd/Industrial Wy Intersection Mods | | TM | - | - | - | 250,000 | - | - | - | 250,000 |
| 32 | East 2 St/Industrial Wy Intersection Mods | | TM | - | - | - | - | - | - | 300,000 | 300,000 |
| 33 | East 2 St/Military East Intersection Mods | | TM | - | - | - | - | - | - | 350,000 | 350,000 |
| 34 | Park Rd/Bayshore Dr Signal Upgrades | | TM | - | - | - | - | - | - | 475,000 | 475,000 |
| 35 | Bayshore Rd/I-680 Ramps Signalization | | TM | - | - | - | - | - | - | 500,000 | 500,000 |
| 36 | East 2 St/Rose Dr Signal Modification | | TM | - | - | - | - | - | - | 500,000 | 500,000 |
| 37 | East 5 St/I-780 Ramps Signalization | | TM | - | - | - | - | - | - | 550,000 | 550,000 |
| 38 | Industrial Wy/I-680 Ramps Signalization | | TM | - | - | - | - | - | - | 550,000 | 550,000 |
| 39 | East 5 St/Military East Intersection Mods | | TM | - | - | - | - | - | - | 650,000 | 650,000 |
| 40 | Lake Herman Rd/I-680 Ramps Signalization | | TM | - | - | - | - | - | - | 750,000 | 750,000 |
| 41 | West 7 St/Military West Intersection Mods | | U | - | - | - | - | 750,000 | - | - | 750,000 |
| **Bridges** | | | | | | | | | | | |
| 42 | West 9 St Pedestrian Bridge Painting | | U | - | - | - | 5,000 | - | - | 32,000 | 37,000 |
| 43 | Roadway Bridge Replacement | | U | - | - | - | - | - | - | 2,000,000 | 2,000,000 |
| **Freeway** | | | | | | | | | | | |
| 44 | I-780 Ramp Widening at East 2 St | | TM/DEV | - | - | - | - | - | - | 325,000 | 325,000 |
| 45 | I-780 Ramp Improvements at West 7 St | | TM | - | - | - | - | - | - | 360,000 | 360,000 |
| 46 | I-780 Ramp Improvements at Southampton Rd | | DEV | - | - | - | - | - | - | 500,000 | 500,000 |
| 47 | I-780 Ramp Improvements at East 2 St | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 48 | I-780 Aux. Lanes (East 2 to East 5 St) | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 49 | I-680/Industrial Wy Interchange Improvements | | U | - | - | - | - | - | - | 550,000 | 550,000 |
| 50 | I-680/Bayshore Dr Interchange Improvements | | U | - | - | - | - | - | - | 900,000 | 900,000 |
| 51 | I-780 Aux. Lanes, Columbus Pkwy-Military W | | TM | - | - | - | - | - | - | 5,000,000 | 5,000,000 |
| 52 | I-680/Lake Herman Rd Interchange Imps. | | TM | - | - | - | - | - | - | 7,500,000 | 7,500,000 |

# Transportation Projects

## City of Benicia Capital Improvement Program

| TR | Project Description | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Alternative Modes (Bicycle and Pedestrian)** | | | | | | | | | | | |
| 53 | Suggested Routes to School Program Update | | U | - | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 40,000 | 52,500 |
| 54 | Sidewalk Replacement Program | | GT | - | 50,000 | 50,000 | 345,000 | 270,000 | 270,000 | 8,122,500 | 9,107,500 |
| 55 | Curb Ramp Installations | | GT | - | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 285,000 | 335,000 |
| 56 | State Park Rd Bike/Pedestrian Bridge | CP | U | 210,000 | 361,000 | 2,426,000 | 809,000 | - | - | - | 3,806,000 |
| 57 | Park Rd Bike Lane (Adams St to Oak Rd) | | GF/GP | 320,000 | - | - | - | - | - | - | 320,000 |
| 58 | Mills School Walkway Improvements | | GF/GP | 97,020 | - | - | - | - | - | - | 97,020 |
| 59 | Semple School Route Safety Improvements | | GF/GP | 160,000 | - | - | - | - | - | - | 160,000 |
| 60 | First Street Sidewalk Streetscaping Phase 1 | | U | 75,000 | 15,000 | 15,000 | - | - | - | 800,000 | 905,000 |
| 61 | East 3 St Pedestrian Tunnel Upgrades | | U | 10,000 | - | - | 50,000 | - | - | - | 60,000 |
| 62 | Bay and Ridge Trail Route Improvements | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 63 | Citywide Lighted Crosswalk Installation | | U | - | - | - | 30,000 | - | - | 100,000 | 130,000 |
| 64 | Park Rd/Benicia Bridge Ped Walkway Imp. | | U | 10,000 | - | - | 75,000 | 250,000 | 500,000 | - | 835,000 |
| 65 | Electric Vehicle Charging Stations | | U | - | - | - | - | - | 50,000 | - | 50,000 |
| 66 | Historic SP Depot Sidewalk | | U | - | - | - | - | - | - | 75,000 | 75,000 |
| 67 | Historic Arsenal Area Walkway Improvements | | U | - | - | - | - | - | - | 750,000 | 750,000 |
| 68 | Citywide Bike Route Improvements | | U | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 69 | First Street Sidewalk Streetscaping Phase 2 | | U | - | - | - | - | - | - | 2,000,000 | 2,000,000 |
| 70 | BHS/BMS Pedestrian Bridge | | U | - | - | - | 25,000 | - | 7,500,000 | - | 7,525,000 |
| 96 | West 7 St Sidewalk Safety | | | 318,600 | - | - | - | - | - | - | 318,600 |
| 100 | Military East Bike Lane | | | - | 40,000 | - | - | - | - | - | 40,000 |
| 86 | East 5th Street Smart Growth | | U | - | 135,000 | - | - | - | - | - | 135,000 |
| **Traffic Calming** | | | | | | | | | | | |
| 71 | Citywide Traffic Calming Program Develop | | DEV | 75,000 | 15,000 | 15,000 | - | - | 75,000 | - | 180,000 |
| 72 | Rose Drive Corridor TC Improvements | | DEV | - | 50,000 | 50,000 | 45,000 | - | - | - | 145,000 |
| 73 | Neighborhood TC Improvements | | U | - | 25,000 | 25,000 | 30,000 | 30,000 | 30,000 | 793,000 | 933,000 |
| 74 | Radar Speed Signs in School Zones | | U | - | - | - | 25,000 | 25,000 | - | - | 50,000 |
| 75 | Gateway Entrance Enhancements | | U | - | - | - | 150,000 | 150,000 | 150,000 | - | 450,000 |
| 103 | Street Tree Planting Program | | | - | - | - | 10,000 | 10,000 | 10,000 | 349,000 | 379,000 |
| 105 | Major Roads Traffic Calming Program | | | - | 25,000 | 25,000 | 30,000 | 30,000 | 30,000 | 793,000 | 933,000 |
| **Transit** | | | | | | | | | | | |
| 76 | Bus Shelter Upgrades | | Transit | 1,500 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 143,000 | 169,500 |
| 77 | Ind. Park Regional Transit Transfer Facility | | U/GP | - | - | - | 250,000 | 750,000 | 1,000,000 | - | 2,000,000 |
| 78 | Transit Bus Replacement Program | | U/GP | - | - | - | 500,000 | - | - | 4,375,000 | 4,875,000 |
| 79 | Downtown Area Park and Ride Facility | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 80 | East B St Parking Lot Improvements | | U | - | - | - | - | - | - | 554,000 | 554,000 |
| 81 | East E St Parking Lot Improvements | | U/DEV | - | - | - | - | - | - | 750,000 | 750,000 |
| 82 | Columbus Pkwy/Rose Dr Park&Ride Facility | | U | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 83 | Benicia Ferry Parking Lot | | U | - | - | - | - | - | - | 2,850,000 | 2,850,000 |
| 84 | Benicia Ferry Terminal | | U | - | - | - | - | - | - | 5,000,000 | 5,000,000 |
| 85 | Benicia Intermodal Transportation Station | | U/GP | 350,000 | - | - | - | - | - | 40,000,000 | 40,350,000 |

# Transportation Projects

## City of Benicia Capital Improvement Program

| TR | Project Description | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Transportation Related** | | | | | | | | | | | |
| 87 | Miscellaneous Public Improvements | | GT | 15,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 570,000 | 685,000 |
| 88 | Traffic Count Program | | TM | 20,000 | - | - | - | - | 20,000 | 114,000 | 154,000 |
| 89 | Traffic Impact Fee Program Update | | TM | 50,000 | - | - | - | - | 50,000 | 285,000 | 385,000 |
| 90 | Radar Speed Study | | GP | 5,000 | - | - | - | - | 5,000 | 29,000 | 39,000 |
| 91 | Corporation Yard Improvements | | GT | - | 100,000 | 50,000 | - | - | - | 500,000 | 650,000 |
| 92 | Street Lighting Upgrades - Citywide | | U | - | - | - | 20,000 | 20,000 | 20,000 | 500,000 | 560,000 |
| 93 | Street Lighting Upgrades - First St | | U | - | - | - | 50,000 | - | - | - | 50,000 |
| 94 | Public Utility Rule 20A Undergrounding | | GP | - | - | - | - | 300,000 | 1,000,000 | 2,630,000 | 3,930,000 |
| 95 | Underground Gasoline Tank Replacement | | U | - | - | - | - | - | - | 500,000 | 500,000 |
| 101 | City Hall Parking Lot Striping | | | 2,000 | - | - | - | - | 2,000 | 6,000 | 10,000 |
| 102 | Engineering Division Facility Evaluation | | | - | - | - | 50,000 | - | - | 0 | 50,000 |
| 104 | Residential Permit Parking Program | | | - | - | - | 10,000 | 10,000 | 10,000 | 239,000 | 269,000 |
| | **Total Program Costs** | | | **$2,920,830** | **$1,935,500** | **$3,768,500** | **$3,866,500** | **$4,602,500** | **$12,279,500** | **$137,799,500** | **$167,172,830** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | PE/ENV | CON | | | **$26,452,500** | **$137,799,500** | **$164,252,000** |

**DEV** - Developer **GF** - General Fund **GP** - Grant Programs **GT** - Gas Tax Funds **TM** - Traffic Mitigation **U** - Undetermined

# Storm Water Projects

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| **Development** | | | | | | | | |
| Capital License Tax | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | $ - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| **Grants** | | | | | | | | |
| Local Grants | $ 40,000 | - | - | - | - | - | - | $ 40,000 |
| State Grants | $ - | - | - | - | - | - | - | $ - |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| **Operations** | | | | | | | | |
| General Fund | $ 1,756,390 | 470,000 | 70,000 | 75,000 | - | - | - | $ 2,371,390 |
| Gas Taxes | $ 14,000 | - | - | - | - | - | - | $ 14,000 |
| Internal Service Funds | $ - | - | - | - | - | - | - | $ - |
| Water Operations | $ - | - | - | - | - | - | - | $ - |
| Wastewater Operations | $ - | - | - | - | - | - | - | $ - |
| **Miscellaneous** | | | | | | | | |
| Donations | $ - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | $ - | - | - | - | - | - | - | $ - |
| Reserved Funds | $ 10,000 | - | 100,000 | 250,000 | - | 50,000 | 1,178,000 | $ 1,588,000 |
| **Annual Revenues** | **$ 1,820,390** | **$ 470,000** | **$ 170,000** | **$ 325,000** | **$ 0** | **$ 50,000** | **$ 1,178,000** | **$ 4,013,390** |
| **Annual Program Needs** | **$ 1,820,390** | **$ 470,000** | **$ 170,000** | **$ 625,000** | **$ 235,000** | **$ 340,000** | **$ 16,493,000** | **$ 20,153,390** |
| **Undetermined Funding Shortfall** | | **$ 0** | **$ 0** | **$ 300,000** | **$ 235,000** | **$ 290,000** | **$ 15,315,000** | **$ 16,140,000** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 1,840,000** | **$ 16,493,000** | **$ 18,333,000** |

# Storm Water Projects

## City of Benicia Capital Improvement Program

| SW | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Drainage Inlet Replacement Program | | GF | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 225,000 | 255,000 |
| 2 | Alley Drainage Improvement Program | | GF | 10,000 | 15,000 | 15,000 | 10,000 | 10,000 | 10,000 | 150,000 | 220,000 |
| 3 | Marina Area Storm Drain | | GF | 1,721,390 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 750,000 | 2,721,390 |
| 4 | St Augustine Dr Storm Drain Replacement | | U | - | - | - | 10,000 | 100,000 | - | - | 110,000 |
| 5 | West 7 St Drainage Improvements | | GF | 60,000 | 400,000 | - | - | - | - | - | 460,000 |
| 6 | Fire Museum Drainage Improvements | | U | - | - | - | - | - | - | 25,000 | 25,000 |
| 7 | Lake Herman Rd Overside Drain Replacement | | U | - | - | - | - | 50,000 | - | - | 50,000 |
| 8 | East B and East 2 St Interim Drainage Improvements | | U | - | - | - | - | - | - | 300,000 | 300,000 |
| 9 | East H St Alley Drainage | | U | - | - | - | - | - | - | 100,000 | 100,000 |
| 10 | East I St Drainage Improvements | | U | - | - | - | - | - | - | 100,000 | 100,000 |
| 11 | East J St Alley Drainage | | U | - | - | - | - | - | - | 100,000 | 100,000 |
| 12 | East K at East 6 St Drainage Improvements | | U | 24,000 | - | - | - | 20,000 | 200,000 | - | 244,000 |
| 13 | Sprig/Mallard Area Drainage Improvements | | U | - | - | - | - | - | - | 400,000 | 400,000 |
| 14 | West J St at Continental Apartments Stormwater Imp. | | U/DEV | - | - | 75,000 | 250,000 | - | - | - | 325,000 |
| 15 | East 2 St Area Drainage Imp. (I-780 to Davies Square) | | U | - | - | - | - | - | - | 750,000 | 750,000 |
| 16 | Industrial Way Drainage Imp. (Channel Rd to I-680) | | U | - | - | - | - | - | - | 750,000 | 750,000 |
| 17 | Historic Arsenal Area Drainage Improvements | | U | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 18 | East 5 St Area Drainage Improvements | | U | - | - | - | - | - | - | 1,500,000 | 1,500,000 |
| 19 | West 7 St Storm Drain Sys. (Cheryl Dr-Carquinez Strait) | | U/DEV | - | - | - | - | - | - | 1,500,000 | 1,500,000 |
| 20 | Sulphur Springs Creek Drainage Basin Improvements | | U | - | - | - | - | - | - | 7,500,000 | 7,500,000 |
| 21 | West 5 St Drainage Trunkline Improvements | | U | - | - | 25,000 | 225,000 | - | - | - | 250,000 |
| 22 | Open Space Detention Basin Maintenance | | U | - | - | - | - | - | 50,000 | 750,000 | 800,000 |
| 23 | Stormwater Program Fee Study | | | - | - | - | 75,000 | - | - | 428,000 | 503,000 |
| 24 | East 3rd St Trunkline Replacement | | | - | - | - | - | - | 25,000 | 165,000 | 190,000 |
| | **Total Program Needs** | | | **$ 1,820,390** | **$ 470,000** | **$ 170,000** | **$ 625,000** | **$ 235,000** | **$ 340,000** | **$ 16,493,000** | **$ 20,153,390** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 1,840,000** | **$ 16,493,000** | **$ 18,333,000** |

# Water Operations Revenues

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| Development | | | | | | | | |
| Capital License Tax | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | $ - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Grants | | | | | | | | |
| Local Grants | $ - | - | - | - | - | - | - | $ - |
| State Grants | $ - | - | - | - | - | - | - | $ - |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| Operations | | | | | | | | |
| General Fund | $ - | - | - | - | - | - | - | $ - |
| Gas Taxes | $ - | - | - | - | - | - | - | $ - |
| Internal Service Funds | $ - | - | - | - | - | - | - | $ - |
| Water Operations | $ - | 1,230,000 | 1,270,000 | 1,193,750 | 2,161,000 | 640,000 | 28,450,000 | $ 34,944,750 |
| Wastewater Operations | $ - | - | - | - | - | - | - | $ - |
| Miscellaneous | | | | | | | | |
| Developer Contributions | $ - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | $ - | - | - | - | - | - | - | $ - |
| Reserved Funds | $ - | 1,550,000 | 50,000 | 50,000 | - | - | 450,000 | $ 2,100,000 |
| **Annual Revenues** | **$ 0** | **$ 2,780,000** | **$ 1,320,000** | **$ 1,243,750** | **$ 2,161,000** | **$ 640,000** | **$ 28,900,000** | **$ 37,044,750** |
| **Annual Program Needs** | **$ 0** | **$ 2,780,000** | **$ 1,320,000** | **$ 1,243,750** | **$ 2,161,000** | **$ 640,000** | **$ 29,400,000** | **$ 37,544,750** |
| **Undetermined Funding Shortfall** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 500,000** | **$ 500,000** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 8,144,750** | **$ 29,400,000** | **$ 37,544,750** |

# Water Operations Fund

## City of Benicia Capital Improvement Program

| WO | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Water Operations** | | | | | | | | | | |
| 1 | Tools, Equipment and Furniture | | WOps | - | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 300,000 | 400,000 |
| 2 | Reservoir Maintenance | | WOps | - | 20,000 | 20,000 | 30,000 | 30,000 | 30,000 | 450,000 | 580,000 |
| 3 | Filter Replacement Fund | | WOps | - | 40,000 | 40,000 | 50,000 | 50,000 | 50,000 | 750,000 | 980,000 |
| 4 | Equipment Replacement Fund | | WOps | - | 70,000 | 70,000 | 70,000 | 70,000 | 80,000 | 1,050,000 | 1,410,000 |
| 5 | System Replacement Fund | | WOps | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 3,000,000 | 4,000,000 |
| 6 | Corp Yard Improvements | | WOps | - | - | - | 33,750 | - | - | 500,000 | 533,750 |
| 7 | Cross Connection Control Program | | WOps | - | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 150,000 | 200,000 |
| 8 | Cordelia and Lake Herman Lines Survey | | WOps | - | 30,000 | - | - | - | - | - | 30,000 |
| 9 | Computer System Upgrades | | WOps | - | - | - | - | - | - | 500,000 | 500,000 |
| 10 | Service Line Replacement Program | | WOps | - | 110,000 | 110,000 | - | - | - | - | 220,000 |
| 11 | Facility Security | | WOps | - | 100,000 | 50,000 | - | - | - | - | 150,000 |
| 12 | Cathodic Protection Improvements | | WOps | - | 150,000 | 75,000 | - | - | - | - | 225,000 |
| 13 | Water Distribution System Improvement Project | | WOps | - | 1,500,000 | - | - | - | - | - | 1,500,000 |
| 14 | Water Treatment Plant Improvement Project | | WOps | - | - | - | - | - | - | - | - |
| 15 | Solano Water Authority Projects | | WOps | - | - | - | 100,000 | - | - | 500,000 | 600,000 |
| 16 | Master Plan Update | | WOps | - | 75,000 | - | - | - | - | 250,000 | 325,000 |
| 17 | DELETED *(Replace energy dissipator w/ pump sta)* | | WOps | - | - | - | - | - | - | - | - |
| 18 | Replace backwash tank | | WOps | - | - | - | - | - | - | 450,000 | 450,000 |
| 19 | Landscape Improvements | | WOps | - | - | 100,000 | 100,000 | - | - | - | 200,000 |
| 20 | Reserve for Water Supply | | WOps | - | - | 200,000 | - | 200,000 | - | 1,000,000 | 1,400,000 |
| 21 | Raw Water Transmission Line Improvements | | WOps | - | 50,000 | 50,000 | 50,000 | - | - | - | 150,000 |
| 22 | Upgrade plant utility water system | | WOps | - | - | - | - | - | 75,000 | - | 75,000 |
| 23 | Phased Alum Removal | | WOps | - | 125,000 | 125,000 | - | - | - | - | 250,000 |
| 24 | P-2 Pump Station Improvements | | WOps | - | 30,000 | - | 250,000 | - | - | - | 280,000 |
| 25 | Replace roof at P-3 Pump Station | | WOps | - | - | 50,000 | - | - | - | 50,000 | 100,000 |
| 26 | DELETED *(Construct canopy over tank farm)* | | WOps | - | - | - | - | - | - | - | - |
| 27 | Clarifier demolition | | WOps | - | - | - | - | - | - | 350,000 | 350,000 |
| 28 | Install pipeline to sewer system | | WOps | - | - | - | - | - | - | 1,000,000 | 1,000,000 |
| 29 | Re-line sludge lagoons | | WOps | - | - | - | - | - | - | 1,600,000 | 1,600,000 |
| 30 | UV Disinfection | | WOps | - | - | - | - | - | - | 5,000,000 | 5,000,000 |
| 31 | Expand and modify operations bldg; build shop | | WOps | - | - | - | - | - | - | 2,500,000 | 2,500,000 |
| 58 | MIEX Pretreatment System | | WOps | - | - | - | 50,000 | 1,441,000 | - | 0 | 1,491,000 |
| 59 | Plant Headworks Improvements | | WOps | - | - | - | 100,000 | - | - | 0 | 100,000 |
| 60 | Laboratory Upgrades | | WOps | - | - | 50,000 | - | - | - | 0 | 50,000 |
| 61 | Coagulant Mixing Improvement Project | | WOps | - | - | - | 30,000 | - | - | 0 | 30,000 |
| 62 | Treated Water Reservoir Improvements | | WOps | - | - | - | - | - | - | 200,000 | 200,000 |

# Water Operations Fund

## City of Benicia Capital Improvement Program

| WO | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Water Line Projects** | | | | | | | | | | |
| 32 | Civic Center Area Waterline Upgrades | | WOps | - | 130,000 | - | - | - | - | - | 130,000 |
| 33 | Lower Arsenal Area Waterline Improvements | | WOps | - | 120,000 | - | - | - | - | - | 120,000 |
| 34 | East F Street Water Main Relocation | | WOps | - | - | 60,000 | - | - | - | - | 60,000 |
| 35 | Adams Street Water Main | | WOps | - | - | - | 120,000 | - | - | - | 120,000 |
| 36 | East G Street Waterline Upgrade | | WOps | - | - | 90,000 | - | - | - | - | 90,000 |
| 37 | West 7th Street Water Main Upgrade | | WOps | - | - | - | - | 50,000 | - | - | 50,000 |
| 38 | West I Street Alley Water Main Replacement | | WOps | - | - | - | - | 90,000 | - | - | 90,000 |
| 39 | East D Street Water Main | | WOps | - | - | - | 30,000 | - | - | - | 30,000 |
| 40 | East 5th Street Water Main Replacement | | WOps | - | - | - | - | - | 175,000 | - | 175,000 |
| 41 | Pacifica Court Water Main Replacement | | WOps | - | - | - | - | - | - | 25,000 | 25,000 |
| 42 | West Manor Area Secondary Connection | | WOps | - | - | - | - | - | - | 50,000 | 50,000 |
| 43 | Pine Lake Area Improvements - Zone 2 connection | | WOps | - | - | - | - | - | - | 75,000 | 75,000 |
| 44 | Francisca Court Water Main Replacement | | WOps | - | - | - | - | - | - | 50,000 | 50,000 |
| 45 | West 8th Street Water Main Upgrade | | WOps | - | - | - | - | - | - | 75,000 | 75,000 |
| 46 | East O Street Water Main Upgrade | | WOps | - | - | - | - | - | - | 75,000 | 75,000 |
| 47 | East H Street Water Main Upgrade | | WOps | - | - | - | - | - | - | 75,000 | 75,000 |
| 48 | Jefferson Street Water Main | | WOps | - | - | - | - | - | - | 250,000 | 250,000 |
| 49 | West I Street Water Main Replacement | | WOps | - | - | - | - | - | - | 150,000 | 150,000 |
| 50 | Viewmont Water Main Replacement | | WOps | - | - | - | - | - | - | 175,000 | 175,000 |
| 51 | DELETED *(P-2 Pump Station Discharge Line)* | | WOps | - | - | - | - | - | - | - | - |
| 52 | Bayshore Road Water Main | | WOps | - | - | - | - | - | - | 500,000 | 500,000 |
| 53 | Park Road Water Main | | WOps | - | - | - | - | - | - | 600,000 | 600,000 |
| 54 | Benicia-Vallejo Secondary Connection | | WOps | - | - | - | - | - | - | 3,500,000 | 3,500,000 |
| 55 | Bayshore Road Water Main Replacement | | WOps | - | - | - | - | - | - | 1,500,000 | 1,500,000 |
| 56 | Install Redundant Treated Water Pipeline | | WOps | - | - | - | - | - | - | 1,200,000 | 1,200,000 |
| 57 | Lake Herman Transmission Main Replacement | | WOps | - | - | - | - | - | - | 1,500,000 | 1,500,000 |
| | **Total Program Needs** | | | **$ -** | **$ 2,780,000** | **$ 1,320,000** | **$ 1,243,750** | **$ 2,161,000** | **$ 640,000** | **$ 29,400,000** | **$ 37,544,750** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 8,144,750** | **$ 29,400,000** | **$ 29,400,000** |

# Water Capital Connection Revenues

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| Development | | | | | | | | |
| Capital License Tax | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | $ - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | $ - | - | - | - | - | - | - | $ - |
| Water Capital Connections | $ - | 1,075,000 | 1,010,000 | 1,000,000 | 1,010,000 | 1,000,000 | 19,950,000 | $ 25,045,000 |
| Wastewater Capital Connections | $ - | - | - | - | - | - | - | $ - |
| Grants | | | | | | | | |
| Local Grants | $ - | - | - | - | - | - | - | $ - |
| State Grants | $ - | - | - | - | - | - | - | $ - |
| Federal Grants | $ - | - | - | - | - | - | - | $ - |
| Operations | | | | | | | | |
| General Fund | $ - | - | - | - | - | - | - | $ - |
| Gas Taxes | $ - | - | - | - | - | - | - | $ - |
| Internal Service Funds | $ - | - | - | - | - | - | - | $ - |
| Water Operations | $ - | - | - | - | - | - | - | $ - |
| Wastewater Operations | $ - | - | - | - | - | - | - | $ - |
| Miscellaneous | | | | | | | | |
| Developer Contributions | $ - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | $ - | - | - | - | - | - | - | $ - |
| Sale of Property | $ - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | $ - | - | - | - | - | - | - | $ - |
| Reserved Funds | $ - | - | - | - | - | - | - | $ - |
| **Annual Revenues** | **$ 0** | **$ 1,075,000** | **$ 1,010,000** | **$ 1,000,000** | **$ 1,010,000** | **$ 1,000,000** | **$ 19,950,000** | **$ 25,045,000** |
| **Annual Program Needs** | **$ 0** | **$ 1,075,000** | **$ 1,010,000** | **$ 1,000,000** | **$ 1,010,000** | **$ 1,000,000** | **$ 19,950,000** | **$ 25,045,000** |
| **Undetermined Funding Shortfall** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** | **$ 0** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 5,095,000** | **$ 19,950,000** | **$ 25,045,000** |

# Water Capital Fund

## City of Benicia Capital Improvement Program

| WC | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | AB 1600 Review | | WCap | - | - | 10,000 | - | 10,000 | - | 75,000 | 95,000 |
| 2 | Lake Herman Capacity Enhancements | | WCap | - | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 5,000,000 | 5,125,000 |
| 3 | Water Purchases | | WCap | - | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 750,000 | 1,000,000 |
| 4 | Solano Water Authority Projects | | WCap | - | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 1,125,000 | 1,500,000 |
| 5 | System Capacity Improvements | | WCap | - | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 2,250,000 | 3,000,000 |
| 6 | Reserve for Water Supply | | WCap | - | 200,000 | - | 200,000 | - | 200,000 | 1,500,000 | 2,100,000 |
| 7 | Reserve for Storage Expansion | | WCap | - | 500,000 | - | 500,000 | - | 500,000 | 3,750,000 | 5,250,000 |
| 8 | Reserve for Plant Expansion | | WCap | - | - | 700,000 | - | 700,000 | - | 5,250,000 | 6,650,000 |
| 9 | Master Plan Update | | WCap | - | 75,000 | - | - | - | - | 250,000 | 325,000 |
| | **Total Program Needs** | | | **$ -** | **$1,075,000** | **$1,010,000** | **$1,000,000** | **$1,010,000** | **$1,000,000** | **$19,950,000** | **$25,045,000** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$5,095,000** | **$19,950,000** | **$19,950,000** |

# Wastewater Operations Revenues

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| **Development** | | | | | | | | |
| Capital License Tax | - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | - | - | - | - | - | - | - | $ - |
| Water Capital Connections | - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | - | - | - | - | - | - | - | $ - |
| **Grants** | | | | | | | | |
| Local Grants | - | - | - | - | - | - | - | $ - |
| State Grants | - | - | - | - | - | - | - | $ - |
| Federal Grants | - | - | - | - | - | - | - | $ - |
| **Operations** | | | | | | | | |
| General Fund | - | - | - | - | - | - | - | $ - |
| Gas Taxes | - | - | - | - | - | - | - | $ - |
| Internal Service Funds | - | - | - | - | - | - | - | $ - |
| Water Operations | - | - | - | - | - | - | - | $ - |
| Wastewater Operations | - | 565,000 | 645,000 | 883,750 | 725,000 | 720,000 | 10,580,000 | $ 14,118,750 |
| **Miscellaneous** | | | | | | | | |
| Developer Contributions | - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | - | - | - | - | - | - | - | $ - |
| Sale of Property | - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | - | - | - | - | - | - | - | - |
| Reserved Funds | - | 595,000 | 1,080,000 | 405,000 | 30,000 | 55,000 | 2,250,000 | $ 4,415,000 |
| **Annual Revenues** | **$ 0** | **$ 1,160,000** | **$ 1,725,000** | **$ 1,288,750** | **$ 755,000** | **$ 775,000** | **$ 12,830,000** | **$ 18,533,750** |
| **Annual Program Needs** | **$ 0** | **$ 1,160,000** | **$ 1,725,000** | **$ 1,288,750** | **$ 855,000** | **$ 775,000** | **$ 12,830,000** | **$ 18,633,750** |
| **Undetermined Funding Shortfall** | | **$ 0** | **$ 0** | **$ 0** | **$ 100,000** | **$ 0** | **$ 0** | **$ 100,000** |
| **Total CIP (5, 6-20, 20 Years)** | | | | | | **$ 5,803,750** | **$ 12,830,000** | **$ 18,633,750** |

# Wastewater Operations Fund

**Projects - Fund 014**

**City of Benicia Capital Improvement Program**

| WWO | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Wastewater Operations** | | | | | | | | | | |
| 1 | Tools, Equipment and Furniture | | WWOps | - | 30,000 | 30,000 | 30,000 | 30,000 | 40,000 | 600,000 | 760,000 |
| 2 | Equipment Replacement Fund | | WWOps | - | 60,000 | 60,000 | 70,000 | 70,000 | 80,000 | 1,200,000 | 1,540,000 |
| 3 | System Replacement Fund | | WWOps | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 3,000,000 | 4,000,000 |
| 4 | Computer System Upgrades | | WWOps | - | - | - | - | - | - | 300,000 | 300,000 |
| 5 | Facility Security | | WWOps | - | 100,000 | 50,000 | - | - | - | - | 150,000 |
| 6 | Corp Yard Improvements | | WWOps | - | - | - | 33,750 | - | - | 500,000 | 533,750 |
| 7 | Odor Scrubber Media Replacement | | WWOps | - | - | - | 25,000 | - | 25,000 | 125,000 | 175,000 |
| 8 | Replace Helical Scum Collectors | | WWOps | - | - | - | - | - | - | 150,000 | 150,000 |
| 9 | RBC Repair/Replacement | | WWOps | - | - | - | - | - | - | 1,200,000 | 1,200,000 |
| 10 | Valero Water Reuse Project | | Valero | - | 1,000,000 | 4,000,000 | 8,000,000 | 1,000,000 | - | - | 14,000,000 |
| 11 | Valero Reimbursement | | Valero | - | (1,000,000) | (4,000,000) | (8,000,000) | (1,000,000) | - | - | (14,000,000) |
| 12 | Rehab grit separator | | WWOps | - | - | - | - | - | - | 50,000 | 50,000 |
| 13 | Master Plan Update | | WWOps | - | - | - | - | - | - | 250,000 | 250,000 |
| 14 | Plant Cathodic Protection Improvements | | WWOps | - | 100,000 | 500,000 | - | - | - | - | 600,000 |
| 15 | HMI replace with SCADA nodes | | WWOps | - | 50,000 | - | - | - | - | - | 50,000 |
| 16 | Rehab outfall pipe and diffuser | | WWOps | - | 200,000 | 550,000 | - | - | - | - | 750,000 |
| 17 | Add actuators/controls-aeration basin gates | | WWOps | - | - | 30,000 | - | - | - | - | 30,000 |
| 18 | Digester cleaning | | WWOps | - | - | - | 100,000 | - | - | 100,000 | 200,000 |
| 19 | Complete buffer zone | | WWOps | - | - | - | - | 100,000 | - | - | 100,000 |
| 20 | Lift station consolidation-eval & implementation | | WWOps | - | - | - | 150,000 | 250,000 | 250,000 | 500,000 | 1,150,000 |
| 21 | Replace belt filter press | | WWOps | - | - | - | 100,000 | - | - | - | 100,000 |
| 22 | Upgrade/replace PLCs | | WWOps | - | - | - | 250,000 | - | - | - | 250,000 |
| 23 | Lift Station Improvements | | WWOps | - | 75,000 | 50,000 | 150,000 | - | - | 500,000 | 775,000 |
| 24 | Combined with WWO20 | | WWOps | - | - | - | - | - | - | - | - |
| 25 | Overhaul natural gas genset | | WWOps | - | - | - | - | - | - | 75,000 | 75,000 |
| 26 | Combined with WW023 | | WWOps | - | - | - | - | - | - | - | - |
| 27 | Rehab 4 MCCs | | WWOps | - | - | - | - | - | - | 200,000 | 200,000 |
| 28 | Add third clarifier | | WWOps | - | - | - | - | - | - | 1,500,000 | 1,500,000 |
| 45 | Electrical vaults rehab/rewire | | WWOps | - | 175,000 | - | - | - | - | - | 175,000 |
| 46 | Boiler Control Panels | | WWOps | - | 40,000 | - | - | - | - | - | 40,000 |
| 47 | Sludge Disposal Options | | WWOps | - | - | - | - | - | - | 50,000 | 50,000 |
| 48 | Computerized O&M Manual | | WWOps | - | - | 50,000 | - | - | - | - | 50,000 |

# Wastewater Operations Fund

**Projects - Fund 014**

**City of Benicia Capital Improvement Program**

| WWO | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Wastewater Line Projects** | | | | | | | | | | |
| 29 | Completed *(West of W7th, North of K Street)* | | | | | | | | | | |
| 30 | East 3rd Street Sewer Main Relocation | | WWOps | - | 100,000 | - | - | - | - | - | 100,000 |
| 31 | West H Street Sewerline Replacement | | WWOps | - | - | - | - | 50,000 | - | - | 50,000 |
| 32 | East 7th Street Sewerline Replacement | | WWOps | - | - | - | - | 125,000 | - | - | 125,000 |
| 33 | West 8th Street Area Sewerline Replacement | | WWOps | - | - | 175,000 | - | - | - | 160,000 | 335,000 |
| 34 | Combined with WW033 | | WWOps | - | - | - | - | - | - | - | - |
| 35 | El Bonita Way area Sewer Main Replacement | | WWOps | - | - | - | - | - | - | 250,000 | 250,000 |
| 36 | Semple School Area Sewer Main Relocation | | WWOps | - | - | - | - | - | - | 300,000 | 300,000 |
| 37 | Bayview Circle Area Sewer Main Replacement | | WWOps | - | - | - | - | - | - | 250,000 | 250,000 |
| 38 | East N Street Area Sewer Main Replacement | | WWOps | - | - | - | - | - | - | 270,000 | 270,000 |
| 39 | West Manor Neigh Sewer Main Replacement | | WWOps | - | - | - | - | - | - | 400,000 | 400,000 |
| 40 | Citywide Collection System Upgrades | | WWOps | - | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 450,000 | 600,000 |
| 41 | Wet Weather Program Re-Evaluation | | WWOps | - | - | - | - | - | 150,000 | 450,000 | 600,000 |
| 42 | West 2nd Street Sewerline Replacement | | WWOps | - | - | - | - | - | - | - | - |
| 43 | Combined with WW041 | | WWOps | - | - | - | - | - | - | - | - |
| 44 | East 2nd Street Sewer Main Replacement | | WWOps | - | - | - | 150,000 | - | - | - | 150,000 |
| | **Total Program Needs** | | | **$ -** | **$1,160,000** | **$1,725,000** | **$ 1,288,750** | **$ 855,000** | **$ 775,000** | **$12,830,000** | **$18,633,750** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 5,803,750** | **$12,830,000** | **$12,830,000** |

# Wastewater Capital Connection Revenues

## City of Benicia Capital Improvement Program

| Revenue Descriptions | Prior | 1<br>2007-08 | 2<br>2008-09 | 3<br>2009-10 | 4<br>2010-11 | 5<br>2011-12 | 6-20<br>2012-27 | Total |
|---|---|---|---|---|---|---|---|---|
| Development | | | | | | | | |
| Capital License Tax | - | $ - | $ - | $ - | $ - | $ - | $ - | $ - |
| Park Dedication Fees | - | - | - | - | - | - | - | $ - |
| Traffic Mitigation Fees | - | - | - | - | - | - | - | $ - |
| Water Capital Connections | - | - | - | - | - | - | - | $ - |
| Wastewater Capital Connections | - | 475,000 | 485,000 | 475,000 | 485,000 | 550,000 | 7,450,000 | $ 9,920,000 |
| Grants | | | | | | | | |
| Local Grants | - | - | - | - | - | - | - | $ - |
| State Grants | - | - | - | - | - | - | - | $ - |
| Federal Grants | - | - | - | - | - | - | - | $ - |
| Operations | | | | | | | | |
| General Fund | - | - | - | - | - | - | - | $ - |
| Gas Taxes | - | - | - | - | - | - | - | $ - |
| Internal Service Funds | - | - | - | - | - | - | - | $ - |
| Water Operations | - | - | - | - | - | - | - | $ - |
| Wastewater Operations | - | - | - | - | - | - | - | $ - |
| Miscellaneous | | | | | | | | |
| Developer Contributions | - | - | - | - | - | - | - | $ - |
| Special Fees and Charges | - | - | - | - | - | - | - | $ - |
| Sale of Property | - | - | - | - | - | - | - | $ - |
| Interfund Loans & Debt Issuance | - | - | - | - | - | - | - | - |
| Reserved Funds | - | - | - | - | - | - | - | $ - |
| Annual Revenues | $ 0 | $ 475,000 | $ 485,000 | $ 475,000 | $ 485,000 | $ 550,000 | $ 7,450,000 | $ 9,920,000 |
| Annual Program Needs | $ 0 | $ 475,000 | $ 485,000 | $ 475,000 | $ 485,000 | $ 550,000 | $ 7,450,000 | $ 9,920,000 |
| Undetermined Funding Shortfall | $ 0 | $ 0 | $ 0 | $ 0 | $ 0 | $ 0 | $ 0 | $ 0 |
| Total CIP (5, 6-20, 20 Years) | | | | | | $ 2,470,000 | $ 7,450,000 | $ 9,920,000 |

# Wastewater Capital Fund

**Projects - Fund 044**

**City of Benicia Capital Improvement Program**

| WWC | Project Descriptions | CP | Year Funding | Prior | 1 2007-08 | 2 2008-09 | 3 2009-10 | 4 2010-11 | 5 2011-12 | 6-20 2012-27 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | AB 1600 Review | | WWCap | - | - | 10,000 | - | 10,000 | - | 75,000 | 95,000 |
| 2 | System Capacity Improvements | | WWCap | - | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 2,250,000 | 3,000,000 |
| 3 | Reserve for Plant/System Expansion | | WWCap | - | 325,000 | 325,000 | 325,000 | 325,000 | 325,000 | 4,875,000 | 6,500,000 |
| 4 | Master Plan Update | | WWCap | - | - | - | - | - | 75,000 | 250,000 | 325,000 |
| | **Total Program Needs** | | | **$ -** | **$ 475,000** | **$ 485,000** | **$ 475,000** | **$ 485,000** | **$ 550,000** | **$ 7,450,000** | **$ 9,920,000** |
| | **Total CIP (5, 6-20, 20 Years)** | | | | | | | | **$ 2,470,000** | **$ 7,450,000** | **$ 7,450,000** |