

**City of Benicia**

# **Capital Improvement Program**

**FY 2011-16**

## Buildings & Related Infrastructure

### City of Benicia Capital Improvement Program

BR	Project Description	Year	
		CP	Funding
			General Plan
			Goals/Prog/Policy
<a href="#">1</a>	Youth Activity Center Improvements		4.5, 2.28
<a href="#">2</a>	Camel Barn Floor Repairs		3.1, 2.28
<a href="#">3</a>	Depot Freight Room & Renovation		2.12.N, 3.1, 2.28
<a href="#">4</a>	City Hall Bathrooms ADA Improvements (Completed)		2.16, 2.28
<a href="#">5</a>	Clocktower Stairway (Completed)		3.1, 2.28
<a href="#">6</a>	Library Basement Completion	CP	3.4, 2.28
<a href="#">7</a>	James Lemos Swim Center		2.28
<a href="#">8</a>	City Gym Improvements		2.28
<a href="#">9</a>	Commandants Renovation - Phase I (Completed)	CP	3.1, 2.28
<a href="#">9.1</a>	Commandants Renovation - Phase II	CP	3.1, 2.28
<a href="#">10</a>	Community Center	CP	2.28, 2.32
<a href="#">11</a>	Fire Station #12 Upgrades		2.28
<a href="#">12</a>	Upgrade Current Police Facility	CP	2.28
<a href="#">13</a>	City Hall Reinforcement		3.1, 2.28
<a href="#">14</a>	Senior Center Upgrades		2.28
<a href="#">15</a>	City Hall Non-Structural Improvements		3.1, 2.28
<a href="#">16</a>	Corporation Yard Improvements		2.28
<a href="#">17</a>	Clocktower Improvements	CP	3.1, 2.28
<a href="#">18</a>	CAO/HR/IS Modular Improvements (Close Out)		2.28
<a href="#">19</a>	Camel Barn Seismic Upgrade		3.1, 2.28
<a href="#">20</a>	Library Improvements		3.4, 2.28
<a href="#">21</a>	Camel Barn Parking Lot Lights		2.23, 3.1, 2.28
<a href="#">22</a>	New Police Facility		2.28
<a href="#">23</a>	Library Water Sealing (Completed)		3.4, 2.28
<a href="#">24</a>	BUSD Field Improvements (Completed)		2.35, 2.28
<a href="#">25</a>	Energy Efficiency and Photo Voltaic		

## Buildings & Related Infrastructure

### City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ 631,941	\$ -	\$ -	\$ 60,860	\$ -	\$ -	\$ -	\$ 692,801
Park Dedication Fee	\$ 423,495	-	-	-	-	-	-	\$ 423,495
Traffic Mitigation Fee	\$ -	-	-	-	-	-	-	\$ -
Water Capital Connections	\$ -	-	-	-	-	-	-	\$ -
Wastewater Capital Connections	\$ -	-	-	-	-	-	-	\$ -
<b>Grants</b>								
Local Grants	\$ 1,020,375	132,625	-	-	-	-	-	\$ 1,153,000
State Grants	\$ 1,007,285	-	-	-	-	-	-	\$ 1,007,285
Federal Grants	\$ -	-	-	-	-	-	-	\$ -
<b>Operations</b>								
General Fund	\$ 5,422,010	-	-	-	-	-	-	\$ 5,422,010
Gas Taxes	\$ -	-	-	-	-	-	-	\$ -
Internal Service Funds	\$ 862,405	180,000	170,000	-	-	-	750,000	\$ 1,962,405
Water Operations	\$ -	-	-	-	-	-	-	\$ -
Wastewater Operations	\$ -	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Donations	\$ 325,000	-	-	-	-	-	-	\$ 325,000
Special Fees and Charges	\$ 73,363	-	-	-	-	-	-	\$ 73,363
Sale of Property	\$ 435,835	-	-	-	-	-	-	\$ 435,835
Interfund Loans & Debt Issuance	\$ 1,099,805	11,860,000	-	-	-	-	-	\$ 12,959,805
Reserved Funds	\$ 1,107,915	-	-	8,000	-	-	-	\$ 1,115,915
<b>Annual Revenues</b>	<b>\$ 12,409,429</b>	<b>\$ 12,172,625</b>	<b>\$ 170,000</b>	<b>\$ 68,860</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 750,000</b>	<b>\$ 25,570,914</b>
<b>Annual Program Needs</b>	<b>\$ 11,737,994</b>	<b>\$ 12,567,725</b>	<b>\$ 170,000</b>	<b>\$ 2,319,275</b>	<b>\$ 1,405,000</b>	<b>\$ 2,450,000</b>	<b>\$ 22,071,000</b>	<b>\$ 52,720,994</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 1,974,080</b>	<b>\$ 1,405,000</b>	<b>\$ 2,450,000</b>	<b>\$ 21,321,000</b>	<b>\$ 27,150,080</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 18,912,000</b>	<b>\$ 22,071,000</b>	<b>\$ 40,983,000</b>

## Buildings & Related Infrastructure

### City of Benicia Capital Improvement Program

BR	Project Description	CP	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<a href="#">1</a>	Youth Activity Center Improvements		22,490	-	-	-	230,000	-	-	252,490
<a href="#">2</a>	Camel Barn Floor Repairs		260,552	-	-	-	75,000	-	-	335,552
<a href="#">3</a>	Depot Freight Room & Renovation		32,948	-	-	-	-	-	1,000,000	1,032,948
<a href="#">4</a>	City Hall Bathrooms ADA Improvments (Con		245,395	-	-	-	-	-	-	245,395
<a href="#">5</a>	Clocktower Stairway (Completed)		158,884	-	-	-	-	-	-	158,884
<a href="#">6</a>	Library Basement Completion	CP	63,965	30,000	-	819,275	-	-	-	913,240
<a href="#">7</a>	James Lemos Swim Center		-	100,000	-	-	-	-	2,510,000	2,610,000
<a href="#">8</a>	City Gym Improvements		188,975	30,000	-	-	-	250,000	-	468,975
<a href="#">9</a>	Commandants Renovation - Phase I (Compl	CP	3,513,045	-	-	-	-	-	-	3,513,045
<a href="#">9.1</a>	Commandants Renovation - Phase II	CP	-	-	-	300,000	-	600,000	-	900,000
<a href="#">10</a>	Community Center	CP	4,079,675	365,100	-	-	-	-	-	4,444,775
<a href="#">11</a>	Fire Station #12 Upgrades		327,990	35,000	-	-	-	-	-	362,990
<a href="#">12</a>	Upgrade Current Police Facility	CP	2,191,025	15,000	15,000	-	-	-	-	2,221,025
<a href="#">13</a>	City Hall Reinforcement		-	-	-	1,100,000	-	-	-	1,100,000
<a href="#">14</a>	Senior Center Upgrades		31,795	-	125,000	-	500,000	-	-	656,795
<a href="#">15</a>	City Hall Non-Structural Improvements		58,490	132,625	-	100,000	-	100,000	750,000	1,141,115
<a href="#">16</a>	Corporation Yard Improvements		56,920	-	-	-	600,000	-	-	656,920
<a href="#">17</a>	Clocktower Improvements	CP	18,885	-	-	-	-	1,500,000	-	1,518,885
<a href="#">18</a>	CAO/HR/IS Modular Improvements (Close C		30,000	-	-	-	-	-	-	30,000
<a href="#">19</a>	Camel Barn Seismic Upgrade		-	-	-	-	-	-	1,650,000	1,650,000
<a href="#">20</a>	Library Improvements		51,885	-	30,000	-	-	-	-	81,885
<a href="#">21</a>	Camel Barn Parking Lot Lights		-	-	-	-	-	-	161,000	161,000
<a href="#">22</a>	New Police Facility		-	-	-	-	-	-	16,000,000	16,000,000
<a href="#">23</a>	Library watersealing (Completed)		15,625	-	-	-	-	-	-	15,625
<a href="#">24</a>	BUSD Field Improvements (Completed)		389,450	-	-	-	-	-	0	389,450
<a href="#">25</a>	Energy Efficiency and Photo Voltaic		-	11,860,000	-	-	-	-	-	11,860,000
<b>Annual Program Needs</b>			<b>\$ 11,737,994</b>	<b>\$ 12,567,725</b>	<b>\$ 170,000</b>	<b>\$ 2,319,275</b>	<b>\$ 1,405,000</b>	<b>\$ 2,450,000</b>	<b>\$ 22,071,000</b>	<b>\$ 52,720,994</b>

Total CIP (5, 6-20, 20 Years)

**\$ 18,912,000 \$ 22,071,000 \$ 40,983,000**

# Parks & Recreation Facilities

## City of Benicia Capital Improvement Program

PR	Project Descriptions	Year	
		CP	Funding
		General Plan	
		Goal/Prog/Policy	
<a href="#">1</a>	First St. Peninsula Improvements (Completed)		2.12.J, 3.13, 2.30, 2.32, 2.28, 2.15B
<a href="#">2</a>	Recreation Area Lighting (Completed)		2.31, 2.30, 2.32, 2.28
<a href="#">3</a>	Playground Replacement Fund		2.30, 2.32, 2.28, 2.31
<a href="#">4</a>	Arneson		2.30, 2.32, 3.6, 2.28, 2.31
<a href="#">5</a>	Jack London		2.30, 2.32, 2.28, 2.31
<a href="#">6</a>	Benicia Community Park		2.30, 2.32, 2.28, 2.31
<a href="#">7</a>	Boccee Ball (Completed)		2.30, 2.32, 2.28
<a href="#">8</a>	Overlook Park		2.30, 2.32, 2.28, 2.31
<a href="#">9</a>	Willow Glen Park		2.30, 2.32, 2.28, 2.31
<a href="#">10</a>	West Ninth Street Park		2.30, 2.32, 3.13, 2.28, 2.31
<a href="#">11</a>	Southampton Park		2.30, 2.32, 2.28, 2.31
<a href="#">12</a>	Parks Master Plan Update		2.30, 2.32, 2.28
<a href="#">13</a>	YAC		2.30, 2.32, 4.5, 2.28, 2.31
<a href="#">14</a>	Francesca Terrace		2.30, 2.32, 2.28, 2.31
<a href="#">15</a>	Duncan Graham Park		2.30, 2.32, 2.28, 2.31
<a href="#">16</a>	Civic Center Park		2.30, 2.32, 2.12.J, 2.28, 2.31
<a href="#">17</a>	Bridgeview Park		2.30, 2.32, 2.28, 2.31
<a href="#">18</a>	Lake Herman Regional Park		2.30, 2.32, 2.2, 3.23, 2.28
<a href="#">19</a>	X-Park	CP	2.30, 2.32, 2.28
<a href="#">20</a>	City Cemetery Road Improvements		3.1, 2.28
<a href="#">21</a>	Sarivia Park		2.30, 2.32, 2.28, 2.31
<a href="#">22</a>	Channing Circle		2.30, 2.32, 2.28, 2.31
<a href="#">23</a>	Benicia Views II		2.30, 2.32, 2.28, 2.31
<a href="#">24</a>	Park Solano		2.30, 2.32, 2.28, 2.31
<a href="#">25</a>	Roller Hockey Rink Surface		2.30, 2.32, 2.28, 2.31
<a href="#">26</a>	Clocktower Park Improvements		2.30, 2.32, 3.1, 2.28
<a href="#">27</a>	Skillman		2.30, 2.32, 2.28, 2.31
<a href="#">28</a>	Gateway		2.30, 2.32, 3.9.4, 2.28, 2.31
<a href="#">29</a>	City Park		2.30, 2.32, 2.12.J, 2.28
<a href="#">30</a>	Fitzgerald Field		2.30, 2.32, 2.12.J, 3.11, 2.28, 2.31
<a href="#">31</a>	First St. Green Expansion		2.30, 2.32, 2.12.J, 2.12.O, 3.13, 2.28
<a href="#">32</a>	Benicia Waterfront Path		2.30, 2.32, 2.12.J, 2.15, 3.13, 2.28

## Parks & Recreation Facilities

### City of Benicia Capital Improvement Program

PR	Project Descriptions	Year	
		CP Funding	General Plan
			<b>Goal/Prog/Policy</b>
<a href="#">33</a>	Matthew Turner Park		2.30, 2.32, 2.28
<a href="#">34</a>	Misc. Trails		2.30, 2.32, 2.15, 3.17, 2.28
<a href="#">35</a>	Bottle Hill Park		2.30, 2.32, 3.11, 2.28
<a href="#">36</a>	Little League		2.30, 2.32, 3.11, 2.28
<a href="#">37</a>	Raymond Bardoni Park		2.30, 2.32, 3.13, 2.28
<a href="#">38</a>	Park D-7		2.30, 2.32, 2.28
<a href="#">39</a>	Marsh Overlook & Pier Trail		2.30, 2.32, 2.12.J, 2.15, 3.13, 2.28
<a href="#">40</a>	Perth Way Neighborhood Park		2.30, 2.32, 2.28
<a href="#">41</a>	Hastings Road Neighborhood Park		2.30, 2.32, 2.28
<a href="#">42</a>	Waterfront Project (E2nd to First St)		2.30, 2.32, 2.12.J, 3.13, 2.28
<a href="#">43</a>	ADA Restroom Upgrade		2.16, 2.28
<a href="#">44</a>	Executive Golf Course Feasibility Study		2.32, 2.28
<a href="#">45</a>	Tree Maintenance		2.30, 2.28

**Parks and Recreation Facilities**  
**City of Benicia Capital Improvement Program**

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Park Dedication Fee	\$ 861,121	-	-	-	-	-	100,000	\$ 961,121
Traffic Mitigation Fee	\$ -	-	-	-	-	-	-	\$ -
Water Capital Connections	\$ -	-	-	-	-	-	-	\$ -
Wastewater Capital Connections	\$ -	-	-	-	-	-	-	\$ -
<b>Grants</b>								
Local Grants	\$ -	-	-	-	-	-	-	\$ -
State Grants	\$ 1,086,625	-	-	-	-	-	-	\$ 1,086,625
Federal Grants	\$ -	-	-	-	-	-	-	\$ -
<b>Operations</b>								
General Fund	\$ 2,372,553	-	-	-	-	-	-	\$ 2,372,553
Gas Taxes	\$ -	-	-	-	-	-	-	\$ -
Internal Service Funds	\$ 172,455	31,995	20,000	20,000	20,000	20,000	300,000	\$ 584,450
Water Operations	\$ -	-	-	-	-	-	-	\$ -
Wastewater Operations	\$ -	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Donations	\$ 140,195	-	-	-	-	-	-	\$ 140,195
Special Fees and Charges	\$ -	-	-	-	-	-	-	\$ -
Sale of Property	\$ 37,305	120,000	40,000	-	-	-	-	\$ 197,305
Interfund Loans & Debt Issuance	\$ -	-	-	-	-	-	-	\$ -
Reserved Funds	\$ -	-	-	-	-	-	-	\$ -
<b>Annual Revenues</b>	<b>\$ 4,670,254</b>	<b>\$ 151,995</b>	<b>\$ 60,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ 400,000</b>	<b>\$ 5,342,249</b>
<b>Annual Program Needs</b>	<b>\$ 3,815,079</b>	<b>\$ 151,995</b>	<b>\$ 60,000</b>	<b>\$ 2,471,000</b>	<b>\$ 2,362,000</b>	<b>\$ 4,942,500</b>	<b>\$ 25,181,050</b>	<b>\$ 39,838,799</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 2,451,000</b>	<b>\$ 2,342,000</b>	<b>\$ 4,922,500</b>	<b>\$ 24,781,050</b>	<b>\$ 34,496,550</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 9,987,495</b>	<b>\$ 25,181,050</b>	<b>\$ 35,168,545</b>

## Parks & Recreation Facilities

### City of Benicia Capital Improvement Program

PR	Project Descriptions	CP	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<a href="#">1</a>	First St. Penninsula Improvements (Completed)		1,520,103	-	-	-	-	-	-	1,520,103
<a href="#">2</a>	Recreation Area Lighting (Completed)		1,171,560	-	-	-	-	-	-	1,171,560
<a href="#">3</a>	Playground Replacement Fund		130,760	20,000	20,000	20,000	20,000	20,000	300,000	530,760
<a href="#">4</a>	Arneson		-	-	-	-	15,000	-	-	15,000
<a href="#">5</a>	Jack London		52,620	-	-	-	60,000	-	-	112,620
<a href="#">6</a>	Benicia Community Park		56,290	-	-	986,000	1,000,000	1,000,000	281,750	3,324,040
<a href="#">7</a>	Boccee Ball (Completed)		82,665	-	-	-	-	-	-	82,665
<a href="#">8</a>	Overlook Park		-	-	-	-	-	832,500	300,000	1,132,500
<a href="#">9</a>	Willow Glen Park		37,585	-	-	-	250,000	250,000	368,000	905,585
<a href="#">10</a>	West Ninth Street Park		137,640	-	-	200,000	-	-	50,000	387,640
<a href="#">11</a>	Southampton Park		34,600	-	-	-	-	400,000	65,500	500,100
<a href="#">12</a>	Parks Master Plan Update		-	-	-	100,000	-	-	-	100,000
<a href="#">13</a>	Youth Activity Center		50,385	-	-	-	-	-	-	50,385
<a href="#">14</a>	Francesca Terrace		29,065	-	-	-	322,000	-	249,550	600,615
<a href="#">15</a>	Duncan Graham Park		55,835	-	-	20,000	-	-	31,500	107,335
<a href="#">16</a>	Civic Center Park		115,375	-	-	300,000	-	-	150,000	565,375
<a href="#">17</a>	Bridgeview Park		74,230	11,995	-	-	-	345,000	116,000	547,225
<a href="#">18</a>	Lake Herman Regional Park		-	-	-	-	-	-	1,065,000	1,065,000
<a href="#">19</a>	X-Park	CP	1,015,026	-	-	-	-	-	350,000	1,365,026
<a href="#">20</a>	City Cemetery Road Improvements		37,305	120,000	40,000	25,000	-	25,000	800,000	1,047,305
<a href="#">21</a>	Sarivia Park		-	-	-	75,000	-	-	-	75,000
<a href="#">22</a>	Channing Circle		-	-	-	-	-	200,000	110,000	310,000
<a href="#">23</a>	Benicia Views II		-	-	-	-	-	-	75,000	75,000
<a href="#">24</a>	Park Solano		-	-	-	-	-	75,000	32,000	107,000
<a href="#">25</a>	Roller Hockey Rink Surface		48,680	-	-	-	-	-	350,000	398,680
<a href="#">26</a>	Clocktower Park Improvements		-	-	-	-	-	-	1,000,000	1,000,000
<a href="#">27</a>	Skillman		-	-	-	-	-	-	450,000	450,000
<a href="#">28</a>	Gateway		-	-	-	-	-	-	100,000	100,000
<a href="#">29</a>	City Park		-	-	-	50,000	-	-	600,000	650,000
<a href="#">30</a>	Fitzgerald Field		-	-	-	-	-	-	1,000,000	1,000,000
<a href="#">31</a>	First St. Green Expansion		-	-	-	-	-	1,000,000	-	1,000,000
<a href="#">32</a>	Benicia Waterfront Path		-	-	-	-	-	-	65,000	65,000
<a href="#">33</a>	Matthew Turner Park		-	-	-	-	345,000	445,000	-	790,000
<a href="#">34</a>	Misc. Trails		-	-	-	-	-	-	96,000	96,000
<a href="#">35</a>	Bottle Hill Park		-	-	-	-	-	-	200,000	200,000
<a href="#">36</a>	Little League		-	-	-	345,000	-	-	575,000	920,000
<a href="#">37</a>	Raymond Bardoni Park		-	-	-	-	-	-	862,500	862,500
<a href="#">39</a>	Marsh Overlook & Pier Trail		-	-	-	-	-	-	1,150,000	1,150,000
<a href="#">40</a>	Perth Way Neighborhood Park		-	-	-	-	-	-	2,070,000	2,070,000



**Parks & Recreation Facilities**  
**City of Benicia Capital Improvement Program**

PR	Project Descriptions	CP	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<a href="#">41</a>	Hastings Road Neighborhood Park		-	-	-	-	-	-	3,168,250	3,168,250
<a href="#">42</a>	Waterfront Project (E2nd to First St)		-	-	-	-	-	-	3,450,000	3,450,000
<a href="#">43</a>	ADA Restroom Upgrade Fund		-	-	-	300,000	300,000	300,000	4,800,000	5,700,000
<a href="#">44</a>	Executive Golf Course Feasibility Study		-	-	-	-	-	-	100,000	100,000
<a href="#">45</a>	Tree Maintenance		20,530	-	-	50,000	50,000	50,000	800,000	970,530
<b>Total Program Costs</b>			<b>\$ 4,670,254</b>	<b>\$ 151,995</b>	<b>\$ 60,000</b>	<b>\$ 2,471,000</b>	<b>\$ 2,362,000</b>	<b>\$ 4,942,500</b>	<b>\$ 25,181,050</b>	<b>\$ 39,838,799</b>
<b>Total CIP (5, 6-20, 20 Years)</b>								<b>\$ 9,987,495</b>	<b>\$ 25,181,050</b>	<b>\$ 35,168,545</b>

## Miscellaneous Projects

### City of Benicia Capital Improvement Program

MP	Project Descriptions	CP	General Plan Goals/Prog/Policy
<a href="#">1</a>	Citywide ADA Improvements		2.16, 2.28
<a href="#">2</a>	Upgrade Current Police Range		2.28
<a href="#">3</a>	Upgrade Police & Fire Communications		2.28
<a href="#">4</a>	Audio/Visual/Communication Upgrades		2.28
<a href="#">5</a>	Marina Sheetpile Breakwater Repairs		3.1, 2.28
<a href="#">6</a>	Recycling Center/Corp Yard Improvements		2.28
<a href="#">7</a>	CAD / Records Management System		2.28
<a href="#">8</a>	Radio Infrastructure Upgrade - 2018 Requirements		2.28
<a href="#">9</a>	Senior Center Projects		2.28
<a href="#">10</a>	City Hall Projects		2.28
<a href="#">11</a>	Fire Facility Projects		2.28
<a href="#">12</a>	Library Projects		2.28
<a href="#">13</a>	Lemos Pool		2.28
<a href="#">14</a>	Gymnasium		2.28
<a href="#">15</a>	Park and Playground Equipment		2.28
<a href="#">16</a>	Police Facilities		2.28

## Miscellaneous Projects

### City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ 302,345	\$ 53,520	\$ 58,900	\$ -	\$ -	\$ -	\$ 150,000	\$ 564,765
Park Dedication Fee	\$ -	-	-	-	-	-	-	\$ -
Traffic Mitigation Fee	\$ -	-	-	-	-	-	-	\$ -
Water Capital Connections	\$ -	-	-	-	-	-	-	\$ -
Wastewater Capital Connections	\$ -	-	-	-	-	-	-	\$ -
<b>Grants</b>								
Local Grants	\$ 80,455	-	-	-	-	-	-	\$ 80,455
State Grants	\$ -	-	-	-	-	-	-	\$ -
Federal Grants	\$ -	-	-	-	-	-	-	\$ -
<b>Operations</b>								
General Fund	\$ 50,000	-	-	-	-	-	-	\$ 50,000
Gas Taxes	\$ -	-	-	-	-	-	-	\$ -
Internal Service Funds	\$ 32,190	-	-	-	-	-	-	\$ 32,190
Water Operations	\$ -	-	-	-	-	-	-	\$ -
Wastewater Operations	\$ -	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Donations	\$ -	-	-	-	-	-	-	\$ -
Special Fees and Charges	\$ -	-	-	-	-	-	-	\$ -
Sale of Property	\$ -	-	-	-	-	-	-	\$ -
Interfund Loans & Debt Issuance	\$ -	-	-	-	-	-	-	\$ -
Reserved Funds	\$ -	-	-	-	-	-	-	\$ -
<b>Annual Revenues</b>	<b>\$ 464,990</b>	<b>\$ 53,520</b>	<b>\$ 58,900</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 150,000</b>	<b>\$ 727,410</b>
<b>Annual Program Needs</b>	<b>\$ 95,265</b>	<b>\$ 53,520</b>	<b>\$ 58,900</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 3,500,000</b>	<b>\$ 4,167,410</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 3,350,000</b>	<b>\$ 3,440,000</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ -</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>

## Miscellaneous Projects

### City of Benicia Capital Improvement Program

MP	Project Descriptions	CP	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<u>1</u>	Citywide ADA Improvements		258,895	10,000	10,000	-	-	-	150,000	428,895
<u>2</u>	Upgrade Current Police Range		18,485	-	-	-	-	-	-	18,485
<u>3</u>	Upgrade Police & Fire Communications		114,965	-	-	-	-	-	-	114,965
<u>4</u>	Audio/Visual/Communication Upgrades		105,455	43,520	48,900	-	-	-	-	197,875
<u>5</u>	Marina Sheetpile Breakwater Repairs		-	-	-	-	-	-	500,000	500,000
<u>6</u>	Recycling Center/Corp Yard Improvements		57,190	-	-	-	-	-	0	57,190
<u>7</u>	CAD / Records Management System		-	-	-	-	-	-	350,000	350,000
<u>8</u>	Radio Infrastructure Upgrade - 2018 Requirments		-	-	-	-	-	-	2,500,000	2,500,000
<b>Annual Program Needs</b>			<b>\$ 554,990</b>	<b>\$ 53,520</b>	<b>\$ 58,900</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,500,000</b>	<b>\$ 4,167,410</b>
<b>Total CIP (5, 6-20, 20 Years)</b>								<b>\$ 112,420</b>	<b>\$ 3,500,000</b>	<b>\$ 3,500,000</b>

# Transportation Projects

## City of Benicia Capital Improvement Program

TR	Project Description	CP	Year	General Plan
			Funding	
Goal/Program/Policy				
<b>Local Roads and Streets</b>				
<a href="#">1</a>	Alley Improvement Program		GT	2.28, 3.11, 2.12.J, 2.20.J & K
<a href="#">2</a>	East N St Paving (600 block) <b>Completed</b>		U	2.28, 3.11, 2.20.J & K
<a href="#">3</a>	Ind. Wy Flood Control (200 block)		GT/AW	2.28, 2.20.J & K
<a href="#">4</a>	Citywide Street Resurfacing Program		GT/AW/GP	2.28, 2.20.J & K
<a href="#">5</a>	Columbus Pkwy Overlay (I-780 to Rose Drive)		GP	2.28, 2.20.J & K
<a href="#">6</a>	East 2 St Overlay (Riverhill Dr to Hillcrest Av) <b>Completed</b>		GF/GP	2.28, 2.20.J & K
<a href="#">7</a>	East H St Overlay (East 2 to East 5 St) <b>Completed</b>		GF/GP	2.28, 3.11, 2.20.J & K
<a href="#">8</a>	East 5 St Overlay (Military East to I-780) <b>Completed</b>		GF/GP	2.28, 3.11, 2.20.J & K
<a href="#">10</a>	Channel Rd Extension to Industrial Wy		DEV	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">11</a>	East B St Improvements (east of East 2 St)		U	2.12.J, 2.28, 2.20.J & K
<a href="#">12</a>	Park Rd Widening (Adams St-Connector Rd) <b>DELETE</b>		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">13</a>	Park Rd Widening (Ind Wy-Sulphur Spg Cr Br)		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">14</a>	Benicia Ind. Park Railroad Crossing Upgrades		U	2.28, 2.20.J & K
<a href="#">15</a>	Military West Widening (West 2 to West 5 St)		TM	2.28,2.4.1,2.20.I,3.10,2.20.J&K
<a href="#">16</a>	East 2 St Reconstruct (East B to East E St)		U	2.28, 2.20.J & K
<a href="#">17</a>	East 5 St Widening (Military East to I-780)		TM	2.28,2.4.1,2.20.I,3.10,2.20.J&K
<a href="#">18</a>	East Channel Rd Reconstruction		U	2.28, 2.20.J & K
<a href="#">19</a>	Bayshore Rd Extend (Park Rd to Industrial Wy)		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">20</a>	Industrial Wy Widening (East 2 St to I-680)		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">21</a>	Lake Herman Rd Reconstruction		U	2.28, 2.20.J & K
<a href="#">22</a>	East 2 St Widening (Military East to I-780)		DEV	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">23</a>	Ind. Wy Extend (East 2 St-Lake Herman Rd)		DEV	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">24</a>	Park Rd/East 2 St Cross-Connector Rd		TM	2.28,2.4.1,2.20.I,2.24,2.20.J&K
<a href="#">25</a>	East 2 St Widen (Ind. Wy-Lake Herman Rd)		DEV	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">97</a>	West K St Overlay <b>Completed</b>		GT	2.20J&K, 2.25
<a href="#">98</a>	First St Rehabilitation		GT/U	2.20J&K, 2.25
<a href="#">99</a>	Military West Rehabilitation		GT/U	2.20J&K, 2.25
<a href="#">106</a>	West 2nd Street Overlay <b>Completed</b>		GT	2.20J&K, 2.25
<a href="#">108</a>	East 2nd Street Overlay		GP	2.20J&K, 2.25
<a href="#">109</a>	Columbus Parkway Reliever Route		DEV	2.28, 2.4.1, 2.20.I,J &K

# Transportation Projects

## City of Benicia Capital Improvement Program

TR	Project Description	Year		General Plan Goal/Program/Policy
		CP	Funding	
<b>Intersections</b>				
<a href="#">9</a>	Columbus/Rose Thru/Right Turn		TM/GP	2.28,2.4.1, 2.20.I, 2.20.J & K
<a href="#">26</a>	Rose/Columbus Parkway Signal/Intrsectn Mod		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">27</a>	East 6 St/Military East Intersection Mods		U	2.28, 3.11, 2.14, 2.20.J & K
<a href="#">28</a>	Benicia High School Traffic Signal <b>Completed</b>		TM	2.28, 2.22. 2.20.J & K
<a href="#">29</a>	Southampton Rd/Hastings Dr Signalization		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">30</a>	Lake Herman Rd/East 2 St Signalization		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">31</a>	Park Rd/Industrial Wy Intersection Mods		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">32</a>	East 2 St/Industrial Wy Intersection Mods		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">33</a>	East 2 St/Military East Intersection Mods		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">34</a>	Park Rd/Bayshore Dr Signal Upgrades		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">35</a>	Bayshore Rd/I-680 Ramps Signalization		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">36</a>	East 2 St/Rose Dr Signal Modification		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">37</a>	East 5 St/I-780 Ramps Signalization		TM	2.28,2.4.1,2.20.I,3.11,2.20.J&K
<a href="#">38</a>	Industrial Wy/I-680 Ramps Signalization		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">39</a>	East 5 St/Military East Intersection Mods		TM	2.28,2.4.1,2.20.I,3.11,2.20.J&K
<a href="#">40</a>	Lake Herman Rd/I-680 Ramps Signalization		TM	2.28, 2.4.1, 2.20.I, 2.20.J & K
<a href="#">41</a>	West 7 St/Military West Intersection Mods		U	2.28,2.4.1,2.20.I,2.14,2.20.J&K
<a href="#">107</a>	First Street/Military West Signal Modification		GP	2.28,2.4.1,2.20.I,2.14,2.20.J&K
<b>Bridges</b>				
<a href="#">42</a>	West 9 St Pedestrian Bridge Painting		GT	2.28, 2.20.J & K
<a href="#">43</a>	Roadway Bridge Replacement		U	2.28, 2.20.J & K
<a href="#">110</a>	Upstream Bridge Removal: W. Channel Road		AW	2.28

# Transportation Projects

## City of Benicia Capital Improvement Program

TR	Project Description	CP	Year	General Plan
			Funding	
Goal/Program/Policy				
<b>Freeway</b>				
<a href="#">44</a>	I-780 Ramp Widening at East 2 St		TM/DEV	2.27.1, 2.28, 2.20.J & K
<a href="#">45</a>	I-780 Ramp Improvements at West 7 St		TM	2.27.1, 2.28, 2.20.J & K
<a href="#">46</a>	I-780 Ramp Improvements at Southampton Rd		DEV	2.27.1, 2.28, 2.20.J & K
<a href="#">47</a>	I-780 Ramp Improvements at East 2 St		U	2.27.1, 2.28, 2.20.J & K
<a href="#">48</a>	I-780 Aux. Lanes (East 2 to East 5 St) <b>(Deleted)</b>		U	2.26.2, 2.27.1, 2.28, 2.20.J&K
<a href="#">49</a>	I-680/Industrial Wy Interchange Improvements		U	2.27.1, 2.28, 2.20.J & K
<a href="#">50</a>	I-680/Bayshore Dr Interchange Improvements		U	2.27.1, 2.28, 2.20.J & K
<a href="#">51</a>	I-780 E/B Aux. Lanes, Columbus Pkwy-Military W		TM	2.26.2, 2.27.1, 2.28, 2.20.J&K
<a href="#">52</a>	I-680/Lake Herman Rd Interchange Imps.		TM	2.24, 2.27.1, 2.28, 2.20.J & K
<a href="#">111</a>	I-680 (Reversible) HOV/HOT Lane		U	
<a href="#">112</a>	I-680/I-780 Intelligent Transportation Improvements		U	
<b>Alternative Modes (Bicycle and Pedestrian)</b>				
<a href="#">53</a>	Suggested Routes to School Program Update		U	2.14G,2.15,2.21,2.28,2.20J&K
<a href="#">54</a>	Sidewalk Replacement Program		GT	2.14G,2.15,2.21,2.28,2.20J&K
<a href="#">55</a>	Curb Ramp Installations		GT	2.16,2.15,2.21,2.28,2.20J&K
<a href="#">56</a>	State Park Rd Bike/Pedestrian Bridge <b>Completed</b>	CP	TM/GP	2.15, 2.21, 2.28, 2.20.J & K
<a href="#">57</a>	Park Rd Bike Lane (Adams St to Oak Rd) <b>Completed</b>		GF/GP	2.15, 2.21, 2.28, 2.20.J & K
<a href="#">58</a>	Mills School Walkway Improvements <b>Completed</b>		GF/GP	2.15,2.21,3.11,2.28,2.20.J&K
<a href="#">59</a>	Semple School Route Safety Improvements <b>Completed</b>		GF/GP	2.15,2.21,3.11,2.28,2.20J&K
<a href="#">60</a>	First Street Sidewalk Streetscaping Phase 1		U	2.12J,2.14,2.15,2.21,2.22,2.20
<a href="#">61</a>	East 3 St Pedestrian Tunnel Upgrades		U	2.15,2.21,2.28,3.11,2.20J&K
<a href="#">62</a>	Bay and Ridge Trail Route Improvements		U	2.14.G,2.15,2.21,2.28,2.20J&K
<a href="#">63</a>	Citywide Lighted Crosswalk Installation		TM/U/GP	2.14,2.15,2.21,2.28,2.20J&K
<a href="#">64</a>	Park Rd/Benicia Bridge Ped Walkway Imp.		GT/GP	2.14.G,2.15,2.21,2.28,2.20J&K
<a href="#">65</a>	Electric Vehicle Charging Stations		U	2.15, 2.21, 2.28, 2.20.J & K
<a href="#">66</a>	Historic SP Depot Sidewalk		U	2.12.J,2.14.G,2.15,2.21, 2.20
<a href="#">67</a>	Historic Arsenal Area Walkway Improvements		U	2.14,2.15,2.21,2.25,2.20J&K
<a href="#">68</a>	Citywide Bike Route Improvements		U	2.15, 2.21, 2.28, 2.20.J & K
<a href="#">69</a>	First Street Sidewalk Streetscaping Phase 2		U	2.12.J,2.14,2.15,2.21,2.20.J&K
<a href="#">70</a>	BHS/BMS Pedestrian Bridge		U	2.15,2.21,2.22,2.28,2.20J&K
<a href="#">96</a>	West 7 St Sidewalk Safety <b>Completed</b>		GT	2.14,2.15,2.21,2.28,2.20J&K
<a href="#">100</a>	Military East Bike Lane <b>Cancel</b>		U	2.15,2.21,2.28,2.20J&K
<a href="#">86</a>	East 5th Street Smart Growth <b>Completed</b>		GP/GF	2.14,2.14.G,2.15,2.20E&F,2.21

# Transportation Projects

## City of Benicia Capital Improvement Program

TR	Project Description	CP	Year Funding	General Plan Goal/Program/Policy
<b>Traffic Calming</b>				
<a href="#">71</a>	Citywide Neighborhood TC Program Develop <b>Completed</b>		TM	2.14,2.20F,2.28,3.9.5,2.20J&K
<a href="#">72</a>	Rose Drive Corridor TC Improvements		DEV	2.14,2.20F,2.28,3.9.5,2.20J&K
<a href="#">73</a>	Neighborhood TC Improvements		TM	2.14,2.20F,2.28,3.9.5,2.20J&K
<a href="#">74</a>	Radar Speed Signs in School Zones		U	2.14,2.20F,2.28,3.9.5,2.20J&K
<a href="#">75</a>	Gateway Entrance Enhancements		U	2.14,2.20F,2.28,3.9.5,2.20J&K
<a href="#">103</a>	Street Tree Planting Program		U	2.14,2.20F,2.28,3.10,3.11,3.20
<a href="#">105</a>	Major Roads Traffic Calming Program		TM	2.14,2.20F,2.28,3.9.5,2.20J&K
<b>Transit</b>				
<a href="#">76</a>	Bus Shelter Upgrades		Transit	2.17, 2.21, 2.28, 2.16
<a href="#">77</a>	Industrial Park Regional Transit Hub		GP	2.17, 2.21, 2.28
<a href="#">78</a>	Transit Bus Replacement Program		U/GP	2.17, 2.21, 2.28
<a href="#">79</a>	Benicia Downtown Intermodal Facilities Project		GP	2.17, 2.21, 2.28, 2.23
<a href="#">80</a>	East B St Parking Lot Improvements		U	2.17, 2.21, 2.28, 2.23
<a href="#">81</a>	East E St Parking Lot Improvements		U/DEV	2.17, 2.21, 2.28, 2.23
<a href="#">82</a>	Columbus Pkwy/Rose Dr Park&Ride Facility		U	2.17, 2.21, 2.28, 2.23
<a href="#">83</a>	Benicia Ferry Parking Lot		U	2.17, 2.21, 2.28, 2.23
<a href="#">84</a>	Benicia Ferry Terminal		U	2.17, 2.21, 2.28, 2.19
<a href="#">85</a>	Benicia Intermodal Transportation Station		U/GP	2.17, 2.21, 2.28, 2.18
<b>Transportation Related</b>				
<a href="#">87</a>	Miscellaneous Public Improvements		GT	2.28, 2.20.J & K
<a href="#">88</a>	Traffic Count Program		TM	2.28, 2.20.J & K
<a href="#">89</a>	Traffic Impact Fee Program Update		TM	2.28, 2.4, 2.5.I, 2.20.J & K
<a href="#">90</a>	Radar Speed Study		TM	2.28, 2.20.E, J & K
<a href="#">91</a>	Corporation Yard Improvements		GT	2.28, 2.20.J & K
<a href="#">92</a>	Street Lighting Upgrades - Citywide		U	2.28
<a href="#">93</a>	Street Lighting Upgrades - First St		U	2.28, 2.20.J & K
<a href="#">94</a>	Public Utility Rule 20A Undergrounding		GP	2.28, 3.7.D
<a href="#">95</a>	Underground Gasoline Tank Replacement		U	2.28
<a href="#">101</a>	City Hall Parking Lot Striping <b>Deleted</b>		GP	2.28, 2.20.J & K
<a href="#">102</a>	Engineering Division Facility Evaluation <b>Deleted</b>		U	2.28, 2.20.J & K
<a href="#">104</a>	Residential Permit Parking Program		U	2.28, 2.20.J & K



# Transportation Projects

## City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Park Dedication Fees	-	-	-	-	-	-	-	\$ -
Traffic Mitigation Fees	2,493,045	40,000	35,000	199,000	475,000	315,000	8,400,000	\$ 11,957,045
Water Capital Connections	-	-	-	-	-	-	-	\$ -
Wastewater Capital Connections	-	-	-	-	-	-	-	\$ -
<b>Grants</b>								
Local Grants	559,000	2,400,000	357,000	371,000	300,000	970,000	4,445,000	\$ 9,402,000
State Grants	489,915	275,000	149,000	75,000	-	-	-	\$ 988,915
Federal Grants	3,748,385	-	-	371,000	-	-	-	\$ 4,119,385
<b>Operations</b>								
General Fund	976,455	-	-	-	-	-	-	\$ 976,455
Gas Taxes	1,592,380	590,000	590,000	425,000	350,000	350,000	20,282,000	\$ 24,179,380
Internal Service Funds	-	-	-	-	-	-	-	\$ -
Water Operations	-	-	-	-	-	-	-	\$ -
Wastewater Operations	-	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Developer Contributions	251,000	-	21,000	693,050	-	-	9,000,000	\$ 9,965,050
Special Fees and Charges	-	145,000	145,000	245,000	145,000	145,000	2,175,000	\$ 3,000,000
Sale of Property	-	-	-	-	-	-	-	\$ -
Interfund Loans & Debt Issuance	-	-	-	-	-	-	-	\$ -
Reserved Funds	33,120	-	-	-	-	-	-	\$ 33,120
<b>Annual Revenues</b>	<b>\$ 10,143,300</b>	<b>\$ 3,450,000</b>	<b>\$ 1,297,000</b>	<b>\$ 2,379,050</b>	<b>\$ 1,270,000</b>	<b>\$ 1,780,000</b>	<b>\$ 44,302,000</b>	<b>\$ 64,621,350</b>
<b>Annual Program Needs</b>	<b>\$ 4,652,205</b>	<b>\$ 3,495,000</b>	<b>\$ 1,297,000</b>	<b>\$ 2,529,050</b>	<b>\$ 2,270,000</b>	<b>\$ 1,780,000</b>	<b>\$ 97,392,000</b>	<b>\$ 118,956,350</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 150,000</b>	<b>\$ 1,000,000</b>	<b>\$ 0</b>	<b>\$ 53,185,000</b>	<b>\$ 54,335,000</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 11,371,050</b>	<b>\$ 97,392,000</b>	<b>\$ 108,763,050</b>

## Transportation Projects

### City of Benicia Capital Improvement Program

TR	Project Description	CP	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Local Roads and Streets</b>										
1	Alley Improvement Program		8,900	15,000	15,000	15,000	15,000	15,000	225,000	308,900
2	E N St Paving (600 block) <b>Completed</b>		40,000	-	-	-	-	-	-	40,000
3	Ind. Wy Flood Control (200 block)		49,925	195,000	-	-	-	-	-	244,925
4	Citywide Street Resurfacing Program		1,141,895	760,000	834,000	520,000	445,000	445,000	6,675,000	10,820,895
5	Columbus Pkwy Overlay (I-780 to Rose Drive)		-	50,000	-	371,000	-	-	-	421,000
6	E 2 St Overlay (Riverhill to Hillcrest) <b>Completed</b>		209,000	-	-	-	-	-	-	209,000
7	E H St Overlay (E 2 to E 5) <b>Completed</b>		374,710	-	-	-	-	-	-	374,710
8	E 5 St Overlay (Military E to I-780) <b>Completed</b>		236,000	-	-	-	-	-	-	236,000
10	Channel Rd Extension to Industrial Wy		-	-	-	-	-	-	500,000	500,000
11	East B St Improvements (east of East 2 St)		-	-	-	-	-	-	590,000	590,000
13	Park Rd Widening (Ind Wy-Sulphur Spg Cr Br)		-	-	-	-	-	-	1,000,000	1,000,000
14	Benicia Ind. Park Railroad Crossing Upgrades		-	-	-	-	-	-	900,000	900,000
16	East 2 St Reconstruct (East B to East E St)		-	-	-	-	-	-	1,000,000	1,000,000
19	Bayshore Rd Extend (Park Rd to Industrial Wy)		-	-	-	-	-	-	1,600,000	1,600,000
20	Industrial Wy Widening (East 2 St to I-680)		-	-	-	-	-	-	2,250,000	2,250,000
21	Lake Herman Rd Reconstruction		-	-	-	-	-	-	2,250,000	2,250,000
22	East 2 St Widening (Military East to I-780)		-	-	-	-	-	-	3,400,000	3,400,000
23	Ind. Wy Extend (East 2 St-Lake Herman Rd)		-	-	-	-	-	-	3,000,000	3,000,000
24	Park Rd/East 2 St Cross-Connector Rd		-	-	-	-	-	-	4,100,000	4,100,000
25	East 2 St Widening (Ind. Wy-Lake Herman Rd)		-	-	-	-	-	-	6,000,000	6,000,000
97	West K St Overlay <b>Completed</b>		336,895	-	-	-	-	-	-	336,895
98	First St Rehabilitation		-	-	-	25,000	500,000	-	-	525,000
99	Military West Rehabilitation		-	-	-	50,000	500,000	-	-	550,000
106	West 2nd Street Overlay <b>Completed</b>		125,000	-	-	-	-	-	0	125,000
108	East 2nd Street Overlay <b>DELETE</b>		205,000	-	-	-	-	-	0	205,000
109	Columbus Parkway Reliever Route		-	-	-	500,000	-	-	-	500,000
111	Storm Drain Projects		-	-	-	-	-	-	15,000,000	15,000,000
<b>Intersections</b>										
9	Columbus/Rose Thru/Right Turn		-	-	-	-	-	70,000	645,000	715,000
26	Rose/Columbus Parkway Signal/Intrscn Mod		-	-	-	30,000	150,000	-	-	180,000
27	East 6 St/Military East Intersection Mods		-	-	-	50,000	-	-	-	50,000
28	BHS Traffic Signal <b>Completed</b>		1,216,775	-	-	-	-	-	-	1,216,775
29	Southampton Rd/Hastings Dr Signalization		-	-	-	50,000	250,000	-	-	300,000
30	Lake Herman Rd/East 2 St Signalization		-	-	-	-	-	-	200,000	200,000
31	Park Rd/Industrial Wy Intersection Mods		198,850	-	-	-	40,000	150,000	-	388,850
32	East 2 St/Industrial Wy Intersection Mods		-	-	-	-	-	-	300,000	300,000
33	East 2 St/Military East Intersection Mods		-	-	-	-	-	-	350,000	350,000
34	Park Rd/Bayshore Dr Signal Upgrades		-	-	-	-	-	-	475,000	475,000
35	Bayshore Rd/I-680 Ramps Signalization		-	-	-	-	-	-	500,000	500,000
36	East 2 St/Rose Dr Signal Modification		-	-	-	-	-	-	500,000	500,000
37	East 5 St/I-780 Ramps Signalization		-	-	-	-	-	-	550,000	550,000
38	Industrial Wy/I-680 Ramps Signalization		-	-	-	-	-	-	550,000	550,000
39	East 5 St/Military East Intersection Mods		-	-	-	-	-	-	650,000	650,000
40	Lake Herman Rd/I-680 Ramps Signalization		-	-	-	-	-	-	750,000	750,000
41	West 7 St/Military West Intersection Mods		-	-	-	-	-	100,000	900,000	1,000,000
107	First Street/Military West Signal Modification		-	250,000	-	-	-	-	-	250,000

# Transportation Projects

## City of Benicia Capital Improvement Program

TR	Project Description	CP	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Bridges</b>										
42	West 9 St Pedestrian Bridge Painting		5,000	-	-	-	-	-	32,000	37,000
110	W. Channel Railroad Bridge Removal		-	-	-	100,000	-	-	-	100,000
<b>Freeway</b>										
44	I-780 Ramp Improvements at East 2 St		-	-	-	-	-	-	325,000	325,000
45	I-780 Ramp Improvements at West 7 St		-	-	-	-	-	-	360,000	360,000
46	I-780 Ramp Improvements at Southampton Rd		-	-	-	-	-	-	500,000	500,000
47	I-780 Ramp Improvements at East 2 St		-	-	-	-	-	-	500,000	500,000
49	I-680/Industrial Wy Interchange Improvements		-	-	-	-	-	-	550,000	550,000
50	I-680/Bayshore Dr Interchange Improvements		-	-	-	-	-	-	900,000	900,000
52	I-680/Lake Herman Rd Interchange Imps.		-	-	-	-	-	-	7,500,000	7,500,000
<b>Alternative Modes (Bicycle and Pedestrian)</b>										
53	Suggested Routes to School Program Update <b>COMPLI</b>		5,000	-	-	-	-	-	-	5,000
54	Sidewalk Replacement Program		124,480	15,000	15,000	15,000	15,000	15,000	225,000	424,480
55	Curb Ramp Installations		13,700	10,000	10,000	10,000	10,000	10,000	150,000	213,700
56	State Park Rd Bike/Pedestrian Bridge <b>Completed</b> CP		3,347,300	-	-	-	-	-	-	3,347,300
57	Park Rd Bike Lane (Adams to Oak) <b>Completed</b>		320,000	-	-	-	-	-	-	320,000
58	Mills School Walkway Improvements <b>Completed</b>		97,020	-	-	-	-	-	-	97,020
59	Semple School Route Safety Imprvt <b>Completed</b>		145,525	-	-	-	-	-	-	145,525
61	East 3 St Pedestrian Tunnel Upgrades		10,000	-	-	50,000	-	-	-	60,000
62	Bay and Ridge Trail Route Improvements		-	-	-	-	-	-	500,000	500,000
63	Citywide Lighted Crosswalk Installation		30,000	30,000	-	-	-	-	100,000	160,000
64	Park Rd/Benicia Bridge Ped Walkway Imp.		40,000	-	-	400,000	-	-	-	440,000
96	West 7 St Sidewalk Safety <b>Completed</b>		335,570	-	-	-	-	-	-	335,570
100	Military East Bike Lane <b>Cancel</b>		-	-	-	-	-	-	-	-
86	East 5th Street Smart Growth <b>Completed</b>		202,055	-	-	-	-	-	-	202,055
<b>Traffic Calming</b>										
72	Rose Drive Corridor TC Improvements		-	-	21,000	193,050	-	-	-	214,050
73	Neighborhood TC Improvements		4,735	15,000	10,000	10,000	10,000	10,000	150,000	209,735
74	Radar Speed Signs in School Zones		41,000	-	-	50,000	-	-	-	91,000
105	Major Roads Traffic Calming Program		36,920	25,000	25,000	25,000	25,000	25,000	375,000	536,920
<b>Transit</b>										
77	Industrial Park Regional Transit Hub		-	-	-	-	300,000	900,000	-	1,200,000
79	Downtown Area Park and Ride Facility		523,000	2,120,000	357,000	-	-	-	-	3,000,000
84	Benicia Ferry Terminal		-	-	-	-	-	-	5,000,000	5,000,000
85	Benicia Intermodal Transportation Station		531,940	-	-	-	-	-	20,000,000	20,531,940

## Transportation Projects

### City of Benicia Capital Improvement Program

TR	Project Description	CP	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Transportation Related</b>										
<a href="#">87</a>	Miscellaneous Public Improvements		139,705	10,000	10,000	10,000	10,000	10,000	150,000	339,705
<a href="#">88</a>	Traffic Count Program		4,080	-	-	5,000	-	5,000	15,000	29,080
<a href="#">89</a>	Traffic Impact Fee Program Update		25,195	-	-	50,000	-	-	150,000	225,195
<a href="#">90</a>	Radar Speed Study		46,625	-	-	-	-	25,000	50,000	121,625
<a href="#">91</a>	Corporation Yard Improvements		-	-	-	-	-	-	500,000	500,000
<a href="#">94</a>	Public Utility Rule 20A Undergrounding		-	-	-	-	-	-	4,000,000	4,000,000
<a href="#">95</a>	Underground Gasoline Tank Replacement		-	-	-	-	-	-	500,000	500,000
<b>Total Program Costs</b>			<b>\$ 10,193,300</b>	<b>\$ 3,495,000</b>	<b>\$ 1,297,000</b>	<b>\$ 2,529,050</b>	<b>\$ 2,270,000</b>	<b>\$ 1,780,000</b>	<b>\$ 97,392,000</b>	<b>\$ 118,956,350</b>

Total CIP (5, 6-20, 20 Years)

\$ 11,371,050 \$ 97,392,000 \$ 108,763,050

AW - Allied Waste   DEV - Developer   GP - Grant Programs   GT - Gas Tax Funds   TM - Traffic Mitigation   U - Undetermined

# Water Operations Fund

## City of Benicia Capital Improvement Program

WO	Project Descriptions	Year	
		CP Funding	General Plan
		Goal/Program/Policy	
<b>Water Operations</b>			
<a href="#">1</a>	Tools, Equipment and Furniture	WOps	2.39
<a href="#">2</a>	Reservoir Maintenance	WOps	2.39
<a href="#">3</a>	Filter Replacement Fund	WOps	2.39
<a href="#">4</a>	Equipment Replacement Fund	WOps	2.39
<a href="#">5</a>	System Replacement Fund	WOps	2.39
<a href="#">6</a>	Corp Yard Improvements	WOps	2.39
<a href="#">7</a>	Cross Connection Control Program	WOps	2.39
<a href="#">8</a>	Cordelia and Lake Herman Lines Survey	WOps	2.39
<a href="#">9</a>	Computer System Upgrades	WOps	2.39
<a href="#">10</a>	Service Line Replacement Program	WOps	2.39
<a href="#">11</a>	Facility Security	WOps	2.39
<a href="#">12</a>	Cathodic Protection Improvements	WOps	2.39
<a href="#">13</a>	Water Distribution System Improvement Project	WOps	2.39
<a href="#">14</a>	Water Treatment Plant Improvement Project	WOps	2.39
<a href="#">15</a>	Solano Water Authority Projects	WOps	2.39, 2.36
<a href="#">16</a>	Master Plan Update	WOps	2.39
<a href="#">17</a>	DELETED ( <i>Replace energy dissipater w/ pump sta</i> )	WOps	2.39
<a href="#">18</a>	Replace backwash tank	WOps	2.39
<a href="#">19</a>	Landscape Improvements	WOps	2.39
<a href="#">20</a>	Reserve for Water Supply	WOps	2.39, 2.36
<a href="#">21</a>	Raw Water Transmission Line Improvements	WOps	2.39
<a href="#">22</a>	Upgrade plant utility water system	WOps	2.39
<a href="#">23</a>	Phased Alum Removal	WOps	2.39
<a href="#">24</a>	P-2 Pump Station Improvements	WOps	2.39
<a href="#">25</a>	Replace roof at P-3 Pump Station	WOps	2.39
<a href="#">26</a>	DELETED ( <i>Construct canopy over tank farm</i> )	WOps	2.39
<a href="#">27</a>	Clarifier demolition	WOps	2.39
<a href="#">28</a>	Install pipeline to sewer system	WOps	2.39
<a href="#">29</a>	Re-line sludge lagoons	WOps	2.39
<a href="#">30</a>	UV Disinfection	WOps	2.39
<a href="#">31</a>	Expand and modify operations bldg; build shop	WOps	2.39
<a href="#">58</a>	MIEX Pretreatment System	WOps	2.39

# Water Operations Fund

## City of Benicia Capital Improvement Program

WO	Project Descriptions	Year	
		CP Funding	General Plan
Goal/Program/Policy			
<a href="#">59</a>	Plant Headworks Improvements	WOps	2.39
<a href="#">60</a>	Laboratory Upgrades	WOps	2.39
<a href="#">61</a>	Coagulant Mixing Improvement Project	WOps	2.39
<a href="#">62</a>	Treated Water Reservoir Improvements	WOps	2.39
<a href="#">63</a>	Chemical Trench & Backwash Tank Improvements	WOps	2.39
<a href="#">69</a>	Chemical Tank Farm Improvements	WOps	2.39
<a href="#">70</a>	Alternative Energy Options	WOps	2.39
<b>Water Line Projects</b>			
<a href="#">32</a>	Civic Center Area Waterline Upgrades	WOps	2.39
<a href="#">33</a>	Lower Arsenal Area Waterline Improvements	WOps	2.39
<a href="#">34</a>	East F Street Water Main Relocation	WOps	2.39
<a href="#">35</a>	Adams Street Water Main	WOps	2.39
<a href="#">36</a>	East G Street Waterline Upgrade	WOps	2.39
<a href="#">37</a>	West 7th Street Water Main Upgrade	WOps	2.39
<a href="#">38</a>	West I Street Alley Water Main Replacement	WOps	2.39
<a href="#">39</a>	East D Street Water Main	WOps	2.39
<a href="#">40</a>	East 5th Street Water Main Replacement	WOps	2.39
<a href="#">41</a>	Pacifica Court Water Main Replacement	WOps	2.39
<a href="#">42</a>	West Manor Area Secondary Connection	WOps	2.39
<a href="#">43</a>	Pine Lake Area Improvements - Zone 2 connection	WOps	2.39
<a href="#">44</a>	Francisca Court Water Main Replacement	WOps	2.39
<a href="#">45</a>	West 8th Street Water Main Upgrade	WOps	2.39
<a href="#">46</a>	East O Street Water Main Upgrade	WOps	2.39
<a href="#">47</a>	East H Street Water Main Upgrade	WOps	2.39
<a href="#">48</a>	Jefferson Street Water Main	WOps	2.39
<a href="#">49</a>	West I Street Water Main Replacement	WOps	2.39
<a href="#">50</a>	Viewmont Water Main Replacement	WOps	2.39
<a href="#">51</a>	DELETED (P-2 Pump Station Discharge Line)	WOps	2.39
<a href="#">52</a>	Bayshore Road Water Main	WOps	2.39
<a href="#">53</a>	Park Road Water Main	WOps	2.39
<a href="#">54</a>	Benicia-Vallejo Secondary Connection	WOps	2.39
<a href="#">55</a>	Bayshore Road Water Main Replacement	WOps	2.39

# Water Operations Fund

## City of Benicia Capital Improvement Program

WO	Project Descriptions	Year	
		CP Funding	General Plan
Goal/Program/Policy			
<a href="#">56</a>	Install Redundant Treated Water Pipeline	WOps	2.39
<a href="#">57</a>	Lake Herman Transmission Main Replacement	WOps	2.39
<a href="#">64</a>	Snapdragon Area Corrosion Control	WOps	2.39
<a href="#">65</a>	Old R-1 Reservoir Water Main Improvements	WOps	2.39
<a href="#">66</a>	Remote-Read Water Meter System	WOps	2.39
<a href="#">67</a>	McKay Way Water Main Replacement	WOps	2.39
<a href="#">68</a>	East 2nd Street Water Main Replacement	WOps	2.39

# Water Operations Revenues

## City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ -	\$ -					\$ -	\$ -
Park Dedication Fees	\$ -	-					-	\$ -
Traffic Mitigation Fees	\$ -	-	-	-	-	-	-	\$ -
Water Capital Connections	\$ -	-	-	-	-	-	-	\$ -
Wastewater Capital Connections	\$ -	-	-	-	-	-	-	\$ -
<b>Grants</b>								
Local Grants	\$ -	-	-	-	-	-	-	\$ -
State Grants	\$ -	-	-	-	-	-	-	\$ -
Federal Grants	\$ -	-	-	-	-	-	-	\$ -
<b>Operations</b>								
General Fund	\$ -	-	-	-	-	-	-	\$ -
Gas Taxes	\$ -	-	-	-	-	-	-	\$ -
Internal Service Funds	\$ -	-	-	-	-	-	-	\$ -
Water Operations	\$ 470,335	1,803,000	475,000	1,022,000	1,347,750	1,325,000	27,849,000	\$ 34,292,085
Wastewater Operations	\$ -	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Developer Contributions	\$ -	-	-	-	-	-	-	\$ -
Special Fees and Charges	\$ -	-	-	-	-	-	-	\$ -
Sale of Property	\$ -	-	-	-	-	-	-	\$ -
Interfund Loans & Debt Issuance	\$ -	-	-	-	-	-	-	\$ -
Reserved Funds	\$ -	720,000	175,000	150,000	100,000	-	910,000	\$ 2,055,000
<b>Annual Revenues</b>	<b>\$ 470,335</b>	<b>\$ 2,523,000</b>	<b>\$ 650,000</b>	<b>\$ 1,172,000</b>	<b>\$ 1,447,750</b>	<b>\$ 1,325,000</b>	<b>\$ 28,759,000</b>	<b>\$ 36,347,085</b>
<b>Annual Program Needs</b>	<b>\$ 470,335</b>	<b>\$ 2,523,000</b>	<b>\$ 650,000</b>	<b>\$ 1,172,000</b>	<b>\$ 1,587,750</b>	<b>\$ 1,325,000</b>	<b>\$ 32,934,000</b>	<b>\$ 40,662,085</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 140,000</b>	<b>\$ 0</b>	<b>\$ 4,175,000</b>	<b>\$ 4,315,000</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 7,257,750</b>	<b>\$ 32,934,000</b>	<b>\$ 40,191,750</b>



## Water Operations Fund

### City of Benicia Capital Improvement Program

WO	Project Descriptions	Year CP Funding	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<b>Water Operations</b>										
<a href="#">6</a>	Corp Yard Improvements	WOps	-	-	-	-	33,750	-	500,000	533,750
<a href="#">8</a>	Cordelia and Lake Herman Lines Survey	WOps	-	-	-	25,000	-	-	-	25,000
<a href="#">10</a>	Service Line Replacement Program	WOps	-	75,000	75,000	75,000	75,000	75,000	1,125,000	1,500,000
<a href="#">11</a>	Facility Security	WOps	-	308,000	-	-	-	-	-	308,000
<a href="#">12</a>	Cathodic Protection Improvements	WOps	-	225,000	200,000	100,000	140,000	-	-	665,000
<a href="#">15</a>	Solano Water Authority Projects	WOps	-	-	-	-	-	-	500,000	500,000
<a href="#">16</a>	Master Plan Update	WOps	-	150,000	-	-	-	-	500,000	650,000
<a href="#">18</a>	Demolish backwash tank	WOps	-	-	-	-	-	-	450,000	450,000
<a href="#">19</a>	Landscape Improvements	WOps	-	-	-	-	-	-	100,000	100,000
<a href="#">21</a>	Raw Water Transmission Line Improvements	WOps	-	-	-	150,000	100,000	-	-	250,000
<a href="#">22</a>	Upgrade plant utility water system	WOps	-	-	-	-	-	-	75,000	75,000
<a href="#">24</a>	P-2 Pump Station Improvements	WOps	-	-	-	-	-	-	300,000	300,000
<a href="#">25</a>	Replace roof at P-3 Pump Station	WOps	-	-	50,000	-	-	-	50,000	100,000
<a href="#">27</a>	Clarifier demolition	WOps	-	-	-	-	-	-	350,000	350,000
<a href="#">28</a>	Install pipeline to sewer system	WOps	-	-	-	-	-	-	1,000,000	1,000,000
<a href="#">29</a>	Re-line sludge lagoons	WOps	-	-	-	-	-	500,000	1,100,000	1,600,000
<a href="#">30</a>	UV Disinfection	WOps	-	-	-	-	-	-	5,000,000	5,000,000
<a href="#">31</a>	Expand and modify operations bldg; build shop	WOps	-	-	-	-	-	-	2,500,000	2,500,000
<a href="#">58</a>	MIEX Pretreatment System	WOps	-	-	-	-	-	500,000	1,000,000	1,500,000
<a href="#">59</a>	Plant Headworks Improvements	WOps	-	190,000	-	-	-	-	-	190,000
<a href="#">61</a>	Flash Mix Room Improvements	WOps	-	-	-	150,000	-	-	-	150,000
<a href="#">62</a>	Treated Water Reservoir Improvements	WOps	-	855,000	-	-	100,000	-	-	955,000
<a href="#">69</a>	Chemical Tank Farm Improvements	WOps	-	-	-	250,000	750,000	-	-	1,000,000
<a href="#">70</a>	Alternative Energy Options	Unknown	-	-	-	-	-	-	675,000	675,000
<a href="#">71</a>	New - Lake Herman Pump Station Improvements	WOps	-	-	75,000	-	-	-	-	75,000
<a href="#">72</a>	New - Filter Improvements	WOps	-	-	100,000	-	-	-	110,000	210,000
<a href="#">73</a>	New - Zone 2 Distribution System Improvements	Unknown	-	-	-	-	140,000	-	-	140,000
<a href="#">74</a>	New - Cordelia Pump Station Improvements	Unknown	-	-	-	-	-	-	3,000,000	3,000,000

## Water Operations Fund

### City of Benicia Capital Improvement Program

WO	Project Descriptions	Year CP Funding	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<b>Water Line Projects</b>										
<a href="#">32</a>	COMPLETED Civic Center Area Waterline Upgrades	WOps	470,335	-	-	-	-	-	-	470,335
<a href="#">33</a>	Lower Arsenal Area Waterline Improvements	WOps	-	-	150,000	323,000	-	-	-	473,000
<a href="#">34</a>	East F Street Water Main Relocation	WOps	-	-	-	-	-	-	105,000	105,000
<a href="#">35</a>	Adams Street Water Main Replacement	WOps	-	-	-	-	-	-	473,000	473,000
<a href="#">36</a>	East G Street Waterline Upgrade	WOps	-	-	-	99,000	-	-	-	99,000
<a href="#">37</a>	West 7th Street Water Main Upgrade	WOps	-	-	-	-	99,000	-	-	99,000
<a href="#">38</a>	West I Street Alley Water Main Replacement	WOps	-	-	-	-	-	100,000	-	100,000
<a href="#">39</a>	East D Street Water Main	WOps	-	-	-	-	-	-	313,000	313,000
<a href="#">40</a>	East 5th Street Water Main Replacement	WOps	-	-	-	-	-	-	500,000	500,000
<a href="#">41</a>	Pacifica Court Water Main Replacement	WOps	-	-	-	-	-	-	50,000	50,000
<a href="#">43</a>	Pine Lake Area Improvements - Zone 2 Connect	WOps	-	-	-	-	-	-	288,000	288,000
<a href="#">44</a>	Francisca Court Water Main Replacement	WOps	-	-	-	-	-	-	50,000	50,000
<a href="#">45</a>	West 8th Street Water Main Upgrade	WOps	-	-	-	-	-	-	75,000	75,000
<a href="#">46</a>	East O Street Water Main Upgrade	WOps	-	-	-	-	-	-	75,000	75,000
<a href="#">47</a>	East H Street Water Main Upgrade	WOps	-	-	-	-	-	-	75,000	75,000
<a href="#">48</a>	Jefferson Street Water Main	WOps	-	-	-	-	-	-	250,000	250,000
<a href="#">49</a>	West I Street Water Main Replacement	WOps	-	-	-	-	-	-	150,000	150,000
<a href="#">50</a>	Viewmont Water Main Replacement	WOps	-	-	-	-	-	-	175,000	175,000
<a href="#">52</a>	Bayshore Road Water Main	WOps	-	-	-	-	-	-	500,000	500,000
<a href="#">53</a>	Park Road Water Main	WOps	-	-	-	-	150,000	150,000	445,000	745,000
<a href="#">54</a>	Benicia-Vallejo Secondary Connection	WOps	-	-	-	-	-	-	3,500,000	3,500,000
<a href="#">55</a>	Bayshore Road Water Main Replacement	WOps	-	-	-	-	-	-	1,500,000	1,500,000
<a href="#">56</a>	Install Redundant Treated Water Pipeline	WOps	-	-	-	-	-	-	1,200,000	1,200,000
<a href="#">57</a>	Lake Herman Transmission Main Replacement	WOps	-	-	-	-	-	-	1,500,000	1,500,000
<a href="#">64</a>	Snapdragon Area Corrosion Control	WOps	-	-	-	-	-	-	550,000	550,000
<a href="#">65</a>	Old R-1 Reservoir Water Main Improvements	WOps	-	-	-	-	-	-	250,000	250,000
<a href="#">66</a>	Remote-Read Water Meter System	WOps	-	-	-	-	-	-	2,500,000	2,500,000
<a href="#">67</a>	McKay Way Water Main Replacement	WOps	-	-	-	-	-	-	75,000	75,000
<a href="#">68</a>	East 2nd Street Water Main Replacement	WOps	-	720,000	-	-	-	-	-	720,000
<b>Total Program Needs</b>			<b>\$ 470,335</b>	<b>\$ 2,523,000</b>	<b>\$ 650,000</b>	<b>\$ 1,172,000</b>	<b>\$ 1,587,750</b>	<b>\$ 1,325,000</b>	<b>\$ 32,934,000</b>	<b>\$ 40,662,085</b>
<b>Total CIP (5, 6-20, 20 Years)</b>								<b>\$ 7,257,750</b>	<b>\$ 32,934,000</b>	<b>\$ 40,191,750</b>

# Water Capital Fund

## City of Benicia Capital Improvement Program

WC	Project Descriptions	Year		
		CP	Funding	
			General Plan	
			Goals/Prog/Policy	
<a href="#">1</a>	AB 1600 Review		WCap	2.39, 2.4, 2.5.1
<a href="#">2</a>	Lake Herman Capacity Enhancements		WCap	2.39, 2.36, 3.23
<a href="#">3</a>	Water Purchases		WCap	2.39, 2.36
<a href="#">4</a>	Solano Water Authority Projects		WCap	2.39, 2.36
<a href="#">5</a>	System Capacity Improvements		WCap	2.39
<a href="#">6</a>	Reserve for Water Supply		WCap	2.39, 2.36
<a href="#">7</a>	Reserve for Storage Expansion		WCap	2.39
<a href="#">8</a>	Reserve for Plant Expansion		WCap	2.39
<a href="#">9</a>	Master Plan Update		WCap	2.39, 2.36

# Water Capital Connection Revenues

## City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	\$ -	\$ -					\$ -	\$ -
Park Dedication Fees	\$ -							\$ -
Traffic Mitigation Fees	\$ -							\$ -
Water Capital Connections	\$ -	105,000	227,000	125,000	350,000	75,000	3,625,000	4,507,000
Wastewater Capital Connections	\$ -							\$ -
<b>Grants</b>								
Local Grants	\$ -							\$ -
State Grants	\$ -							\$ -
Federal Grants	\$ -							\$ -
<b>Operations</b>								
General Fund	\$ -							\$ -
Gas Taxes	\$ -							\$ -
Internal Service Funds	\$ -							\$ -
Water Operations	\$ -							\$ -
Wastewater Operations	\$ -							\$ -
<b>Miscellaneous</b>								
Developer Contributions	\$ -							\$ -
Special Fees and Charges	\$ -							\$ -
Sale of Property	\$ -							\$ -
Interfund Loans & Debt Issuance	\$ -							\$ -
Reserved Funds	\$ -							\$ -
<b>Annual Revenues</b>	<b>\$ 0</b>	<b>\$ 105,000</b>	<b>\$ 227,000</b>	<b>\$ 125,000</b>	<b>\$ 350,000</b>	<b>\$ 75,000</b>	<b>\$ 3,625,000</b>	<b>\$ 4,507,000</b>
<b>Annual Program Needs</b>	<b>\$ 0</b>	<b>\$ 105,000</b>	<b>\$ 227,000</b>	<b>\$ 125,000</b>	<b>\$ 350,000</b>	<b>\$ 75,000</b>	<b>\$ 3,625,000</b>	<b>\$ 4,507,000</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>					<b>\$ 0</b>	<b>\$ 0</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 882,000</b>	<b>\$ 3,625,000</b>	<b>\$ 4,507,000</b>

# Water Capital Fund

## City of Benicia Capital Improvement Program

WC Project Descriptions	CP	Year Funding	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<a href="#">1</a> AB 1600 Review		WCap	-	30,000	30,000	-	-	-	50,000	110,000
<a href="#">2</a> Lake Herman Capacity Enhancements		WCap	-	75,000	125,000	125,000	75,000	75,000	500,000	975,000
<a href="#">3</a> Water Purchases		WCap	-	-	-	-	50,000	-	750,000	800,000
<a href="#">4</a> Solano Water Authority Projects		WCap	-	-	-	-	75,000	-	1,125,000	1,200,000
<a href="#">5</a> System Capacity Improvements		WCap	-	-	72,000	-	150,000	-	1,200,000	1,422,000
<b>Total Program Needs</b>			\$ -	\$ 105,000	\$ 227,000	\$ 125,000	\$ 350,000	\$ 75,000	\$ 3,625,000	\$ 4,507,000
<b>Total CIP (5, 6-20, 20 Years)</b>								\$ 882,000	\$ 3,625,000	\$ 4,507,000

# Wastewater Operations Fund

## City of Benicia Capital Improvement Program

WWO Project Descriptions	Year	
	CP Funding	General Plan
Goals/Prog/Policy		
<b>Wastewater Operations</b>		
<a href="#">1</a> Tools, Equipment and Furniture	WWOps	2.40, 2.41
<a href="#">2</a> Equipment Replacement Fund	WWOps	2.40, 2.41
<a href="#">3</a> System Replacement Fund	WWOps	2.40, 2.41
<a href="#">4</a> Computer System Upgrades	WWOps	2.40, 2.41
<a href="#">5</a> Facility Security	WWOps	2.40, 2.41
<a href="#">6</a> Corp Yard Improvements	WWOps	2.40, 2.41
<a href="#">7</a> Odor Scrubber Media Replacement	WWOps	2.40, 2.41
<a href="#">8</a> Replace Helical Scum Collectors	WWOps	2.40, 2.41
<a href="#">9</a> RBC Repair/Replacement	WWOps	2.40, 2.41
<a href="#">10</a> Valero Water Reuse Project	Valero	2.40, 2.41, 2.36.A
<a href="#">11</a> Valero Reimbursement	Valero	2.40, 2.41
<a href="#">12</a> Rehab grit separator	WWOps	2.40, 2.41
<a href="#">13</a> Master Plan Update	WWOps	2.40, 2.41
<a href="#">14</a> Plant Cathodic Protection Improvements	WWOps	2.40, 2.41
<a href="#">15</a> HMI replace with SCADA nodes	WWOps	2.40, 2.41
<a href="#">16</a> Rehab outfall pipe and diffuser	WWOps	2.40, 2.41
<a href="#">17</a> Add actuators/controls-aeration basin gates	WWOps	2.40, 2.41
<a href="#">18</a> Digester cleaning	WWOps	2.40, 2.41
<a href="#">19</a> Complete buffer zone	WWOps	2.40, 2.41
<a href="#">20</a> Lift station consolidation-eval & implementation	WWOps	2.40, 2.41
<a href="#">21</a> Replace belt filter press	WWOps	2.40, 2.41
<a href="#">22</a> Upgrade/replace PLCs	WWOps	2.40, 2.41
<a href="#">23</a> Lift Station Improvements	WWOps	2.40, 2.41
<a href="#">24</a> Combined with WWO20	WWOps	2.40, 2.41
<a href="#">25</a> Overhaul natural gas genset	WWOps	2.40, 2.41
<a href="#">26</a> Combined with WW023	WWOps	2.40, 2.41
<a href="#">27</a> Rehab 4 MCCs	WWOps	2.40, 2.41
<a href="#">28</a> Add third clarifier	WWOps	2.40, 2.41

# Wastewater Operations Fund

## City of Benicia Capital Improvement Program

WWO Project Descriptions	Year	
	CP Funding	General Plan
		<b>Goals/Prog/Policy</b>
<a href="#">45</a> Electrical vaults rehab/rewire	WWOps	2.40, 2.41
<a href="#">46</a> Boiler Control Panels	WWOps	2.40, 2.41
<a href="#">47</a> Sludge Disposal Options	WWOps	2.40, 2.41
<a href="#">48</a> Computerized O&M Manual	WWOps	2.40, 2.41
<a href="#">49</a> Odor Scrubber Piping Modifications	WWOps	2.40, 2.41
<a href="#">53</a> Final Discharge Flow Meter	WWOps	2.40, 2.41
<a href="#">54</a> Alternative Energy Options	WWOps	2.40, 2.41
<b>Wastewater Line Projects</b>		
<a href="#">29</a> Completed ( <i>West of W7th, North of K Street</i> )		2.40, 2.41
<a href="#">30</a> East 3rd Street Sewer Main Relocation	WWOps	2.40, 2.41
<a href="#">31</a> West H Street Sewerline Replacement	WWOps	2.40, 2.41
<a href="#">32</a> East 7th Street Sewerline Replacement	WWOps	2.40, 2.41
<a href="#">33</a> West 8th Street Area Sewerline Replacement	WWOps	2.40, 2.41
<a href="#">34</a> Combined with WW033	WWOps	2.40, 2.41
<a href="#">35</a> El Bonita Way area Sewer Main Replacement	WWOps	2.40, 2.41
<a href="#">36</a> Semple School Area Sewer Main Relocation	WWOps	2.40, 2.41
<a href="#">37</a> Bayview Circle Area Sewer Main Replacement	WWOps	2.40, 2.41
<a href="#">38</a> East N Street Area Sewer Main Replacement	WWOps	2.40, 2.41
<a href="#">39</a> West Manor Neigh Sewer Main Replacement	WWOps	2.40, 2.41
<a href="#">40</a> Citywide Collection System Upgrades	WWOps	2.40, 2.41
<a href="#">41</a> Wet Weather Program Re-Evaluation	WWOps	2.40, 2.41
<a href="#">42</a> West 2nd Street Sewerline Replacement	WWOps	2.40, 2.41
<a href="#">43</a> Combined with WW041	WWOps	2.40, 2.41
<a href="#">44</a> East 2nd Street Sewer Main Replacement	WWOps	2.40, 2.41
<a href="#">50</a> Sewer Main Relocation - 720 West I Street	WWOps	2.40, 2.41
<a href="#">51</a> King Solomon Church Repl. Sewer Mains	WWOps	2.40, 2.41
<a href="#">52</a> Bayshore Rd Gravity Main Rehabilitation	WWOps	2.40, 2.41

## Wastewater Operations Revenues

### City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	-	\$ -					\$ -	\$ -
Park Dedication Fees	-	-					-	\$ -
Traffic Mitigation Fees	-	-					-	\$ -
Water Capital Connections	-	-					-	\$ -
Wastewater Capital Connections	-	-					-	\$ -
<b>Grants</b>								
Local Grants	-	-					-	\$ -
State Grants	-	-					-	\$ -
Federal Grants	-	-					-	\$ -
<b>Operations</b>								
General Fund	-	-					-	\$ -
Gas Taxes	-	-					-	\$ -
Internal Service Funds	-	-					-	\$ -
Water Operations	-	-					-	\$ -
Wastewater Operations	316,145	200,000	-	860,000	727,750	237,000	6,856,000	\$ 9,196,895
<b>Miscellaneous</b>								
Developer Contributions	-	-					-	\$ -
Special Fees and Charges	-	-					-	\$ -
Sale of Property	-	-					-	\$ -
Interfund Loans & Debt Issuance	-	-					-	\$ -
Reserved Funds	-	387,430	95,000	75,000	160,000	140,000	10,037,600	\$ 10,895,030
<b>Annual Revenues</b>	<b>\$ 316,145</b>	<b>\$ 587,430</b>	<b>\$ 95,000</b>	<b>\$ 935,000</b>	<b>\$ 887,750</b>	<b>\$ 377,000</b>	<b>\$ 16,893,600</b>	<b>\$ 20,091,925</b>
<b>Annual Program Needs</b>	<b>\$ 316,145</b>	<b>\$ 587,430</b>	<b>\$ 95,000</b>	<b>\$ 935,000</b>	<b>\$ 987,750</b>	<b>\$ 877,000</b>	<b>\$ 57,618,600</b>	<b>\$ 61,416,925</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 100,000</b>	<b>\$ 500,000</b>	<b>\$ 40,725,000</b>	<b>\$ 41,325,000</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 3,482,180</b>	<b>\$ 57,618,600</b>	<b>\$ 61,100,780</b>



**Wastewater Operations Fund**  
**City of Benicia Capital Improvement Program**

**Projects - Fund 014**

WWO Project Descriptions	CP	Year Funding	Prior	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<b>Wastewater Operations</b>										
<a href="#">5</a> Facility Security and Ancillary Projects	WWOps	-	-	-	-	-	-	-	300,000	300,000
<a href="#">6</a> Corp Yard Improvements	WWOps	-	-	-	-	-	33,750	-	500,000	533,750
<a href="#">7</a> Odor Scrubber Media Replacement	WWOps	-	-	45,000	-	-	-	-	125,000	170,000
<a href="#">8</a> Replace Helical Scum Collectors	WWOps	-	-	-	-	-	-	-	150,000	150,000
<a href="#">9</a> RBC Replacement	WWOps	-	-	-	-	-	-	-	1,200,000	1,200,000
<a href="#">10</a> Water Reuse Project	Unknown	-	-	-	-	-	-	-	40,000,000	40,000,000
<a href="#">12</a> Rehab grit separator	WWOps	-	-	-	-	-	-	-	50,000	50,000
<a href="#">13</a> Master Plan Update	WWOps	-	-	-	-	-	-	-	500,000	500,000
<a href="#">14</a> Plant Cathodic Protection Improvements	Unknown	-	-	-	-	-	100,000	500,000	-	600,000
<a href="#">15</a> HMI replace with SCADA nodes	WWOps	-	50,000	-	-	-	-	-	-	50,000
<a href="#">17</a> Add actuators/controls-aeration basin gates	WWOps	-	-	-	30,000	-	-	-	-	30,000
<a href="#">18</a> Digester cleaning	WWOps	-	200,000	-	-	-	-	-	200,000	400,000
<a href="#">21</a> Replace belt filter press	WWOps	-	-	-	-	-	-	140,000	90,000	230,000
<a href="#">22</a> Upgrade/replace PLCs	WWOps	-	-	-	-	-	80,000	-	-	80,000
<a href="#">23</a> COMPLETED Lift Station Improvements	WWOps	-	-	-	-	-	-	-	500,000	500,000
<a href="#">25</a> Overhaul natural gas genset	WWOps	-	-	-	-	75,000	-	-	-	75,000
<a href="#">27</a> Rehab 4 MCCs	WWOps	-	-	-	-	-	-	-	200,000	200,000
<a href="#">28</a> Add third clarifier	WWOps	-	-	-	-	-	-	-	1,500,000	1,500,000
<a href="#">46</a> Boiler Control Panels	WWOps	-	-	-	-	-	-	-	40,000	40,000
<a href="#">47</a> Sludge Disposal Options	WWOps	-	-	-	-	-	-	-	450,000	450,000
<a href="#">48</a> Computerized O&M Manual	WWOps	-	-	-	-	-	-	-	10,000	10,000
<a href="#">49</a> Odor Scrubber Piping Modifications	WWOps	-	40,000	-	-	-	-	-	-	40,000
<a href="#">54</a> Alternative Energy Options	Unknown	-	-	-	-	-	-	-	725,000	725,000
<a href="#">55</a> Effluent Flow Recycle Pump Station	WWOps	-	30,000	-	-	-	-	-	-	30,000
<a href="#">56</a> Emergency Electrical MCC Connection Points	WWOps	-	-	50,000	-	-	-	-	-	50,000
<a href="#">57</a> Plant Electrical System Upgrade	WWOps	-	-	-	-	-	-	-	200,000	200,000
<a href="#">58</a> Chemical Tank Replacement	WWOps	-	15,000	-	-	-	80,000	-	-	95,000
<a href="#">59</a> Grit Separator Gates	WWOps	-	-	-	-	30,000	-	-	-	30,000
<a href="#">60</a> Influent Pumps Rehabilitation	WWOps	-	-	-	-	-	30,000	-	-	30,000

**Wastewater Operations Fund**  
**City of Benicia Capital Improvement Program**

**Projects - Fund 014**

WWO Project Descriptions	CP	Funding	Prior	Year	1	2	3	4	5	6-20	Total
				2011-12	2012-13	2013-14	2014-15	2015-16	2016-31		
<b>Wastewater Line Projects</b>											
<a href="#">30</a> COMPLETED - East 3rd Street Sewer Main Reloca	WWOps		316,145	-	-	-	-	-	-	-	316,145
<a href="#">31</a> West H Street Sewerline Replacement	WWOps		-	-	-	-	-	-	-	50,000	50,000
<a href="#">32</a> East 7th Street Sewerline Replacement	WWOps		-	-	-	-	-	237,000	-	150,000	387,000
<a href="#">36</a> Semple School Area Sewer Main Relocation	WWOps		-	-	-	-	-	-	-	646,000	646,000
<a href="#">39</a> West Manor Neigh Sewer Main Replacement	WWOps		-	-	-	-	-	-	-	400,000	400,000
<a href="#">41</a> Wet Weather Program Re-Evaluation	WWOps		-	-	-	-	-	-	-	450,000	450,000
<a href="#">52</a> Bayshore Rd Gravity Main Rehabilitation	WWOps		-	-	-	800,000	664,000	-	-	-	1,464,000
<a href="#">61</a> Bayshore Force Main Replacement	WWOps		-	252,430	-	-	-	-	-	-	252,430
<a href="#">62</a> West Fork Sewerline Replacement			-	-	-	-	-	-	-	911,600	911,600
<a href="#">63</a> East Channel Road Sewerline Replacement			-	-	-	-	-	-	-	2,493,000	2,493,000
<a href="#">64</a> I-780 Crossing at West 7th Street Sewerline Replacement			-	-	-	-	-	-	-	152,000	152,000
<a href="#">65</a> West 7th Street Sewerline Replacement			-	-	-	-	-	-	-	646,000	646,000
<a href="#">66</a> I-780 at Rose Drive Sewerline Replacement			-	-	-	-	-	-	-	4,399,000	4,399,000
<a href="#">67</a> Park Industrial Lift Station Replacement			-	-	-	-	-	-	-	581,000	581,000
<b>Total Program Needs</b>			<b>\$ 316,145</b>	<b>\$ 587,430</b>	<b>\$ 95,000</b>	<b>\$ 935,000</b>	<b>\$ 987,750</b>	<b>\$ 877,000</b>	<b>\$ 57,618,600</b>	<b>\$ 61,416,925</b>	
<b>Total CIP (5, 6-20, 20 Years)</b>									<b>\$ 3,482,180</b>	<b>\$ 57,618,600</b>	<b>\$ 61,100,780</b>

# Wastewater Capital Fund

## City of Benicia Capital Improvement Program

WWC Project Descriptions	Year		General Plan Goals/Prog/Policy
	CP	Funding	
<a href="#">1</a> AB 1600 Review		WWCap	2.40, 2.41, 2.5.I., 2.4
<a href="#">2</a> System Capacity Improvements		WWCap	2.40, 2.41, 2.5.I
<a href="#">3</a> Reserve for Plant/System Expansion		WWCap	2.40, 2.41, 2.5.I
<a href="#">4</a> Master Plan Update		WWCap	2.40, 2.41, 2.5.I

## Wastewater Capital Connection Revenues

### City of Benicia Capital Improvement Program

Revenue Descriptions	Prior	1 2011-12	2 2012-13	3 2013-14	4 2014-15	5 2015-16	6-20 2016-31	Total
<b>Development</b>								
Capital License Tax	-	\$ -					\$ -	\$ -
Park Dedication Fees	-	-					-	\$ -
Traffic Mitigation Fees	-	-	-	-	-	-	-	\$ -
Water Capital Connections	-	-					-	\$ -
Wastewater Capital Connections	-	25,000	25,000	-	-	-	7,372,400	\$ 7,422,400
<b>Grants</b>								
Local Grants	-	-	-	-	-	-	-	\$ -
State Grants	-	-	-	-	-	-	-	\$ -
Federal Grants	-	-	-	-	-	-	-	\$ -
<b>Operations</b>								
General Fund	-	-	-	-	-	-	-	\$ -
Gas Taxes	-	-	-	-	-	-	-	\$ -
Internal Service Funds	-	-	-	-	-	-	-	\$ -
Water Operations	-	-	-	-	-	-	-	\$ -
Wastewater Operations	-	-	-	-	-	-	-	\$ -
<b>Miscellaneous</b>								
Developer Contributions	-	-	-	-	-	-	-	\$ -
Special Fees and Charges	-	-	-	-	-	-	-	\$ -
Sale of Property	-	-	-	-	-	-	-	\$ -
Interfund Loans & Debt Issuance	-	-	-	-	-	-	-	\$ -
Reserved Funds	-	-	-	-	-	-	-	\$ -
<b>Annual Revenues</b>	<b>\$ 0</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 7,372,400</b>	<b>\$ 7,422,400</b>
<b>Annual Program Needs</b>	<b>\$ 0</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 7,372,400</b>	<b>\$ 7,422,400</b>
<b>Undetermined Funding Shortfall</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Total CIP (5, 6-20, 20 Years)</b>						<b>\$ 50,000</b>	<b>\$ 7,372,400</b>	<b>\$ 7,422,400</b>

**Wastewater Capital Fund**      **Projects - Fund 044**  
**City of Benicia Capital Improvement Program**

WWC Project Descriptions	CP	Prior	1	2	3	4	5	6-20	Total
			2011-12	2012-13	2013-14	2014-15	2015-16	2016-31	
<a href="#">1</a> AB 1600 Review		-	25,000	25,000	-	-	-	50,000	100,000
<a href="#">2</a> System Capacity Improvements		-	-	-	-	-	-	7,322,400	7,322,400
<b>Total Program Needs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 7,372,400</b>	<b>\$ 7,422,400</b>
<b>Total CIP (5, 6-20, 20 Years)</b>							<b>\$ 50,000</b>	<b>\$ 7,372,400</b>	<b>\$ 7,422,400</b>