



CITY OF  
CLOVERDALE

## **Five Year Capital Improvement Program**

*Fiscal Years 2010 - 2014*

***Adopted February 9, 2011***

***Resolution No. 005-2011***



**Coastland**

Civil Engineering - Construction Management - Building Dept. Services

1400 Neotomas Ave.  
Santa Rosa, CA 95405  
(707) 571-8005

# **Program Cost Summary**

*Fiscal Years 2010 - 2014*

**City of Cloverdale**  
**Five Year Capital Improvement Program**  
**FISCAL YEARS 2010-2014**

**PROGRAM COST SUMMARY**

PROGRAM	COST BY FISCAL YEAR					
	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
Airport Improvements	\$ 1,119,458	\$ 449,540	\$ 449,150	\$ 445,120	\$ -	\$ 2,463,268
Civic Facility Improvements	\$ -	\$ 57,000	\$ -	\$ -	\$ 10,477,800	\$ 10,534,800
Drainage Improvements	\$ -	\$ -	\$ -	\$ -	\$ 4,262,744	\$ 4,262,744
Police Facilities Improvements	\$ 2,000,000	\$ 6,052,750	\$ -	\$ -	\$ -	\$ 8,052,750
Park Improvements	\$ 120,000	\$ 385,200	\$ 333,200	\$ -	\$ 5,256,180	\$ 6,094,580
Sanitation Improvements	\$ -	\$ -	\$ -	\$ -	\$ 64,635,424	\$ 64,635,424
Street Improvements	\$ -	\$ 804,000	\$ 804,000	\$ 804,000	\$ 7,998,426	\$ 10,410,426
Water Improvements	\$ 2,737,720	\$ -	\$ -	\$ -	\$ 29,859,967	\$ 32,597,687
<b>Grand Total</b>	<b>\$ 5,977,178</b>	<b>\$ 7,748,490</b>	<b>\$ 1,586,350</b>	<b>\$ 1,249,120</b>	<b>\$ 122,490,541</b>	<b>\$ 139,051,679</b>

# **Project Cost Listing**

*Fiscal Years 2010 - 2014*

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT COST LISTING**

Project Number	Project Name	COST BY FISCAL YEAR					Total
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	

**Airport Improvements**

AP-004	Runway Rehabilitation, Runway 32 threshold and taxiway relocation. Relocate & realign VASI	\$ 1,016,238	\$ -	\$ -	\$ -	\$ -	\$ 1,016,238
AP-011	Apron Pavement Rehabilitation	\$ -	\$ 300,040	\$ -	\$ -	\$ -	\$ 300,040
AP-013	Access Road Drainage and Paving within Airport Property	\$ -	\$ 149,500	\$ -	\$ -	\$ -	\$ 149,500
AP-014	Runway End Identifier Lights and Parallel Taxiway	\$ 103,220	\$ -	\$ -	\$ -	\$ -	\$ 103,220
AP-016	Precision Approach Path Indicator (PAPI) for Runway 14	\$ -	\$ -	\$ 45,110	\$ -	\$ -	\$ 45,110
AP-018	Segmented Circle and Lighted Wind Cone	\$ -	\$ -	\$ 37,050	\$ -	\$ -	\$ 37,050
AP-019	Perimeter Fencing and Card Access Gate	\$ -	\$ -	\$ 186,940	\$ -	\$ -	\$ 186,940
AP-020	Automatic Weather Observation System (AWOS)	\$ -	\$ -	\$ 180,050	\$ -	\$ -	\$ 180,050
AP-021	Apron and Hanger Area Lighting	\$ -	\$ -	\$ -	\$ 74,100	\$ -	\$ 74,100
AP-023	Improve Taxiways	\$ -	\$ -	\$ -	\$ 221,000	\$ -	\$ 221,000
AP-024	Airport Layout Plan (ALP) Update/ALP Narrative	\$ -	\$ -	\$ -	\$ 150,020	\$ -	\$ 150,020
<b>Airport Improvements Subtotal</b>		<b>\$ 1,119,458</b>	<b>\$ 449,540</b>	<b>\$ 449,150</b>	<b>\$ 445,120</b>	<b>\$ -</b>	<b>\$ 2,463,268</b>

**Civic Facility Improvements**

CF-001	City of Cloverdale Civic Center Facility	\$ -	\$ -	\$ -	\$ -	\$ 8,441,000	\$ 8,441,000
CF-002	Corporation Yard Upgrades	\$ -	\$ -	\$ -	\$ -	\$ 2,036,800	\$ 2,036,800
CF-004	Library Improvements	\$ -	\$ 30,500	\$ -	\$ -	\$ -	\$ 30,500
CF-008	ADA Upgrades to City Buildings	\$ -	\$ 26,500	\$ -	\$ -	\$ -	\$ 26,500
<b>Civic Facility Improvements Subtotal</b>		<b>\$ -</b>	<b>\$ 57,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,477,800</b>	<b>\$ 10,534,800</b>

**Drainage Improvements**

DR-006	Railroad Ave Drainage Project	\$ -	\$ -	\$ -	\$ -	\$ 312,910	\$ 312,910
DR-007	School St. Drainage Project	\$ -	\$ -	\$ -	\$ -	\$ 229,553	\$ 229,553
DR-013	Kerry Lane Drainage Improvements	\$ -	\$ -	\$ -	\$ -	\$ 362,344	\$ 362,344
DR-014	Reinforced Concrete Box (RCB) - Los Colinas to Citrus Fair Drive	\$ -	\$ -	\$ -	\$ -	\$ 1,777,720	\$ 1,777,720
DR-016	Reinforced Concrete Box (RCB) in Third Street	\$ -	\$ -	\$ -	\$ -	\$ 152,633	\$ 152,633
DR-017	Second Street - 7'x5' RCB Storm Drain	\$ -	\$ -	\$ -	\$ -	\$ 1,013,190	\$ 1,013,190

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT COST LISTING**

Project Number	Project Name	COST BY FISCAL YEAR					
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
DR-020	24" and 33" Reinforced Concrete Pipes on Brookside Drive	\$ -	\$ -	\$ -	\$ -	\$ 257,100	\$ 257,100
DR-026	Josephine Drive - 30" Storm Drain	\$ -	\$ -	\$ -	\$ -	\$ 157,294	\$ 157,294
<b>Drainage Improvements Subtotal</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,262,744</b>	<b>\$ 4,262,744</b>

**Police Facilities Improvements**

PO-001	Police Facilities and Equipment	\$ 2,000,000	\$ 6,052,750	\$ -	\$ -	\$ -	\$ 8,052,750
<b>Police Facilities Improvements Subtotal</b>		<b>\$ 2,000,000</b>	<b>\$ 6,052,750</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,052,750</b>

**Park Improvements**

PR-001	Furber Park - Phase II	\$ -	\$ -	\$ -	\$ -	\$ 308,200	\$ 308,200
PR-002	Cloverdale Skate Park	\$ 10,000	\$ 300,000	\$ 333,200	\$ -	\$ -	\$ 643,200
PR-003	Cloverdale Dog Park	\$ 10,000	\$ 85,200	\$ -	\$ -	\$ -	\$ 95,200
PR-004	City Park Improvements	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
PR-005	Cloverdale Greenway	\$ -	\$ -	\$ -	\$ -	\$ 1,348,500	\$ 1,348,500
PR-006	New Community and Neighborhood Parks	\$ -	\$ -	\$ -	\$ -	\$ 3,599,480	\$ 3,599,480
<b>Park Improvements Subtotal</b>		<b>\$ 120,000</b>	<b>\$ 385,200</b>	<b>\$ 333,200</b>	<b>\$ -</b>	<b>\$ 5,256,180</b>	<b>\$ 6,094,580</b>

**Sanitation Improvements**

SA-003	E. Fourth, N. Main, E. Second and East St. Sewer Main Up-Sizing	\$ -	\$ -	\$ -	\$ -	\$ 1,843,548	\$ 1,843,548
SA-004	North Cloverdale Boulevard 10" Sewer Main Project	\$ -	\$ -	\$ -	\$ -	\$ 1,168,072	\$ 1,168,072
SA-015	N. Cloverdale Boulevard 8-inch Sewer Main Extension Project	\$ -	\$ -	\$ -	\$ -	\$ 1,990,288	\$ 1,990,288
SA-017	Wastewater Treatment Facility Main Up-Sizing	\$ -	\$ -	\$ -	\$ -	\$ 400,848	\$ 400,848
SA-020	Aged Network Replacement Phase 1	\$ -	\$ -	\$ -	\$ -	\$ 1,609,290	\$ 1,609,290
SA-021	Aged Network Replacement Phase 2	\$ -	\$ -	\$ -	\$ -	\$ 2,886,300	\$ 2,886,300
SA-022	Aged Network Replacement Phase 3	\$ -	\$ -	\$ -	\$ -	\$ 1,152,512	\$ 1,152,512
SA-023	Aged Network Replacement Phase 4	\$ -	\$ -	\$ -	\$ -	\$ 1,958,293	\$ 1,958,293
SA-024	Aged Network Replacement Phase 5	\$ -	\$ -	\$ -	\$ -	\$ 2,329,658	\$ 2,329,658
SA-025	Aged Network Replacement Phase 6	\$ -	\$ -	\$ -	\$ -	\$ 425,973	\$ 425,973
SA-026	Aged Network Replacement Phase 7	\$ -	\$ -	\$ -	\$ -	\$ 4,110,931	\$ 4,110,931

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT COST LISTING**

Project Number	Project Name	COST BY FISCAL YEAR					
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
SA-027	Aged Network Replacement Phase 8	\$ -	\$ -	\$ -	\$ -	\$ 1,794,093	\$ 1,794,093
SA-028	South Trunk Sewer Main Up-Sizing	\$ -	\$ -	\$ -	\$ -	\$ 1,165,100	\$ 1,165,100
SA-029	South Asti Sewer Main Extension	\$ -	\$ -	\$ -	\$ -	\$ 8,476,730	\$ 8,476,730
SA-030	Theresa Drive 8-inch Sewer Main Extension	\$ -	\$ -	\$ -	\$ -	\$ 767,388	\$ 767,388
SA-031	Wastewater Treatment Plant Upgrade to AWT	\$ -	\$ -	\$ -	\$ -	\$ 32,556,400	\$ 32,556,400
<b>Sanitation Improvements Subtotal</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 64,635,424</b>	<b>\$ 64,635,424</b>

**Street Improvements**

ST-001	Cloverdale Boulevard Widening	\$ -	\$ -	\$ -	\$ -	\$ 1,668,000	\$ 1,668,000
ST-002	Pavement Management Program (PMP)	\$ -	\$ 804,000	\$ 804,000	\$ 804,000	\$ 804,000	\$ 3,216,000
ST-010	Roundabout at South Interchange at Northbound Ramps	\$ -	\$ -	\$ -	\$ -	\$ 1,827,738	\$ 1,827,738
ST-011	Roundabout at South Interchange at Southbound Ramps	\$ -	\$ -	\$ -	\$ -	\$ 1,827,738	\$ 1,827,738
ST-014	Signal at Cloverdale Boulevard and Treadway Drive	\$ -	\$ -	\$ -	\$ -	\$ 310,520	\$ 310,520
ST-028	Signal at Cloverdale Boulevard and Healdsburg Avenue	\$ -	\$ -	\$ -	\$ -	\$ 305,430	\$ 305,430
ST-033	Sidewalk Pedestrian Ramp Program	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
ST-034	Cloverdale Boulevard Sidewalk Infill	\$ -	\$ -	\$ -	\$ -	\$ 1,155,000	\$ 1,155,000
<b>Street Improvements Subtotal</b>		<b>\$ -</b>	<b>\$ 804,000</b>	<b>\$ 804,000</b>	<b>\$ 804,000</b>	<b>\$ 7,998,426</b>	<b>\$ 10,410,426</b>

**Water Improvements**

WA-015	16" Water Main Extension from Corporation Yard to Santana Drive	\$ -	\$ -	\$ -	\$ -	\$ 1,461,194	\$ 1,461,194
WA-016	16" Water Main in Asti Road from E. First St. to Citrus Fair Dr.	\$ 900,700	\$ -	\$ -	\$ -	\$ -	\$ 900,700
WA-036	Northwest Zone 1 Improvements - Replace Older, Undersized Water Mains	\$ -	\$ -	\$ -	\$ -	\$ 1,555,627	\$ 1,555,627
WA-039	12" Water Main Under Highway 101 from Asti Rd to Ottoboni Drive	\$ -	\$ -	\$ -	\$ -	\$ 892,660	\$ 892,660
WA-040	Ritter Tank Feeder Main Upsizing	\$ -	\$ -	\$ -	\$ -	\$ 1,165,765	\$ 1,165,765
WA-041	Foothill Blvd 12" Main Extension	\$ -	\$ -	\$ -	\$ -	\$ 753,258	\$ 753,258
WA-042	Tarman Tract Undersized Mains Replacement	\$ -	\$ -	\$ -	\$ -	\$ 2,055,844	\$ 2,055,844
WA-043	Various Zone 1 Improvements	\$ -	\$ -	\$ -	\$ -	\$ 585,549	\$ 585,549

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT COST LISTING**

Project Number	Project Name	COST BY FISCAL YEAR					
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
WA-044	12" Water Main from Clover Springs Dr. to Chablis Way and 8" Water Main from Pepperwood Drive to Elbridge Ave.	\$ -	\$ -	\$ -	\$ -	\$ 625,241	\$ 625,241
WA-045	Main Reservoir Replacement and Expansion	\$ -	\$ -	\$ -	\$ -	\$ 1,692,894	\$ 1,692,894
WA-046	Reservoir Storage at Asti Rd. Reservoir Site	\$ -	\$ -	\$ -	\$ -	\$ 1,952,769	\$ 1,952,769
WA-047	750,000 Gallon Tank at the Ritter Tank Site	\$ -	\$ -	\$ -	\$ -	\$ 1,096,659	\$ 1,096,659
WA-048	North Cloverdale Water System Expansion	\$ -	\$ -	\$ -	\$ -	\$ 3,752,989	\$ 3,752,989
WA-049	Southern Asti Road Water System Expansion	\$ -	\$ -	\$ -	\$ -	\$ 5,196,284	\$ 5,196,284
WA-050	Southwestern Cloverdale Water System Expansion Phase 1	\$ -	\$ -	\$ -	\$ -	\$ 2,025,086	\$ 2,025,086
WA-051	Southwestern Cloverdale Water System Expansion Phase 2	\$ -	\$ -	\$ -	\$ -	\$ 1,018,176	\$ 1,018,176
WA-052	Southwestern Cloverdale Water System Expansion Phase 3	\$ -	\$ -	\$ -	\$ -	\$ 762,748	\$ 762,748
WA-053	8" Water Main in Vista View Dr. Extension	\$ -	\$ -	\$ -	\$ -	\$ 601,630	\$ 601,630
WA-054	Church Lane Area Water System Expansion	\$ -	\$ -	\$ -	\$ -	\$ 687,583	\$ 687,583
WA-055	Well Field Improvements	\$ 514,800	\$ -	\$ -	\$ -	\$ -	\$ 514,800
WA-056	Water Distribution System - SCADA Improvements	\$ 137,340	\$ -	\$ -	\$ -	\$ -	\$ 137,340
WA-057	Recoat Southcrest and Hot Springs Reservoirs and Replace Ritter Reservoir	\$ 516,960	\$ -	\$ -	\$ -	\$ -	\$ 516,960
WA-058	Water Treatment Plant - 4th Filter Bed Media and Necessary Modifications	\$ 667,920	\$ -	\$ -	\$ -	\$ -	\$ 667,920
WA-059	12-inch Main Vista View Drive Improvements and 8" Main Extension in University St.	\$ -	\$ -	\$ -	\$ -	\$ 968,011	\$ 968,011
WA-060	New Wells	\$ -	\$ -	\$ -	\$ -	\$ 1,010,000	\$ 1,010,000
<b>Water Improvements Subtotal</b>		<b>\$ 2,737,720</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 29,859,967</b>	<b>\$ 32,597,687</b>
<b>Grand Total All Projects</b>		<b>\$ 5,977,178</b>	<b>\$ 7,748,490</b>	<b>\$ 1,586,350</b>	<b>\$ 1,249,120</b>	<b>\$ 122,490,541</b>	<b>\$ 139,051,679</b>

# **Funding Source Summary**

*Fiscal Years 2010 - 2014*

**City of Cloverdale**  
**Five Year Capital Improvement Program**  
**FISCAL YEARS 2010-2014**  
**FUNDING SOURCE SUMMARY**

<b>PROGRAM</b>	<b>COST BY FISCAL YEAR</b>					
	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>FY 2014 &amp; Beyond</b>	<b>Total</b>
Airport Fund	\$ 29,386	\$ 11,800	\$ 11,789	\$ 11,684	\$ -	\$ 64,659
Area of Benefit	\$ -	\$ -	\$ -	\$ -	\$ 24,417,902	\$ 24,417,902
CDBG Funds	\$ -	\$ 29,000	\$ -	\$ -	\$ 100,000	\$ 129,000
Community Fundraising	\$ 8,000	\$ 325,200	\$ 266,560	\$ -	\$ -	\$ 599,760
Developer Contribution	\$ -	\$ -	\$ -	\$ -	\$ 248,416	\$ 248,416
Development Impact Fees*						
Civic Facilities	\$ -	\$ -	\$ -	\$ -	\$ 2,933,804	\$ 2,933,804
Drainage	\$ -	\$ -	\$ -	\$ -	\$ 1,257,294	\$ 1,257,294
Police Facilities	\$ -	\$ 2,254,770	\$ -	\$ -	\$ -	\$ 2,254,770
Park Improvements	\$ 12,000	\$ 60,000	\$ 66,640	\$ -	\$ 4,177,380	\$ 4,316,020
Sanitary Sewer	\$ -	\$ -	\$ -	\$ -	\$ 24,111,408	\$ 24,111,408
Street	\$ -	\$ -	\$ -	\$ -	\$ 5,628,906	\$ 5,628,906
Water	\$ -	\$ -	\$ -	\$ -	\$ 9,650,386	\$ 9,650,386
Federal Airport Grant	\$ 1,063,485	\$ 427,063	\$ 426,694	\$ 422,864	\$ -	\$ 2,340,106
Measure M Funds	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
Quimby Act Funds	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Rancho de Amigos Signal Fund	\$ -	\$ -	\$ -	\$ -	\$ 62,104	\$ 62,104

**City of Cloverdale**  
**Five Year Capital Improvement Program**  
**FISCAL YEARS 2010-2014**  
**FUNDING SOURCE SUMMARY**

<i>PROGRAM</i>	<b>COST BY FISCAL YEAR</b>					
	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
Redevelopment Fund	\$ 2,000,000	\$ 3,797,980	\$ -	\$ -	\$ 1,155,000	\$ 6,952,980
Sewer Operations Fund	\$ -	\$ -	\$ -	\$ -	\$ 29,289,610	\$ 29,289,610
State Airport Grant	\$ 26,587	\$ 10,677	\$ 10,667	\$ 10,572	\$ -	\$ 58,503
Unfunded/Grants	\$ -	\$ 782,000	\$ 754,000	\$ 754,000	\$ 12,382,246	\$ 14,672,246
USDA	\$ 2,737,720	\$ -	\$ -	\$ -	\$ -	\$ 2,737,720
Water Operations Fund	\$ -	\$ -	\$ -	\$ -	\$ 7,026,085	\$ 7,026,085
<b>Grand Total</b>	<b>\$ 5,977,178</b>	<b>\$ 7,748,490</b>	<b>\$ 1,586,350</b>	<b>\$ 1,249,120</b>	<b>\$ 122,490,541</b>	<b>\$ 139,051,679</b>

**\*Note:** Projects within the funds shown with an asterisk(\*) are dependent on the level of development that occurs. The year in which these projects are scheduled for engineering and/or construction may change depending on the level of development that occurs and the demands that this development puts on the City's existing facilities.

# **Project Data Forms**

*Fiscal Years 2010 - 2014*

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-004

**Project Name:** Runway Rehabilitation, Runway 32 threshold and taxiway relocation. Relocate & realign VASI

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Provide runway surface rehabilitation for existing 3145 ft. x 60 ft. A/C runway. Rehabilitation anticipated to consist of crack sealing, asphalt concrete overlay and re-marking. Runway 32 threshold will be relocated with the re-marking of the runway. Construct relocated taxiway for Runway 32. Relocate and realign VASI

**Justification:** Improvements needed for safety.

**Comments:** CATEx approved April 2, 2009. Construction contract awarded August 11, 2010.

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Construction		\$886,777					\$886,777
	CM & Inspection		\$109,535					\$109,535
	Administration		\$19,926					\$19,926
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$1,016,238	\$0	\$0	\$0	\$0	\$1,016,238
<b>PROJECT FUNDING</b>	Federal Airport Grant		\$965,426					\$965,426
	State Airport Grant		\$24,136					\$24,136
	Airport Fund		\$26,676					\$26,676
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$1,016,238	\$0	\$0	\$0	\$0	\$1,016,238

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010) & FAA Construction Grant

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-011

**Project Name:** Apron Pavement Rehabilitation

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Rehabilitated apron paving to include crack sealing, asphalt concrete overlay and re-marking

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction			\$230,800				\$230,800
	Administrative/Legal			\$23,080				\$23,080
	Design (Engineering)			\$23,080				\$23,080
	CM & Inspection			\$23,080				\$23,080
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$300,040	\$0	\$0	\$0	\$300,040
<b>PROJECT FUNDING</b>	Federal Airport Grant			\$285,038				\$285,038
	State Airport Grant			\$7,126				\$7,126
	Airport Fund			\$7,876				\$7,876
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$300,040	\$0	\$0	\$0	\$300,040

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-013

**Project Name:** Access Road Drainage and Paving within Airport Property

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Construct drainage improvements and pave the access road within the airport property. Improvements to include aggregate base, asphalt concrete surfacing and signage.

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction			\$115,000				\$115,000
	Administrative/Legal			\$11,500				\$11,500
	Design (Engineering)			\$11,500				\$11,500
	CM & Inspection			\$11,500				\$11,500
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$149,500	\$0	\$0	\$0	\$149,500
<b>PROJECT FUNDING</b>	Federal Airport Grant			\$142,025				\$142,025
	State Airport Grant			\$3,551				\$3,551
	Airport Fund			\$3,924				\$3,924
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$149,500	\$0	\$0	\$0	\$149,500

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-014

**Project Name:** Runway End Identifier Lights and Parallel Taxiway

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Install runway end identifier lights and parallel taxiway reflectors. Upgrade the electrical system and service panels.

**Justification:** Per Airport Master Plan

**Comments:** CATEX approved April 2, 2009

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$79,400					\$79,400
	Administrative/Legal		\$7,940					\$7,940
	Design (Engineering)		\$7,940					\$7,940
	CM & Inspection		\$7,940					\$7,940
				\$0				\$0
			\$0					\$0
	<b>Total</b>	\$0	\$103,220	\$0	\$0	\$0	\$0	\$103,220
<b>PROJECT FUNDING</b>	Federal Airport Grant		\$98,059					\$98,059
	State Airport Grant		\$2,451					\$2,451
	Airport Fund		\$2,710					\$2,710
				\$0				\$0
				\$0				\$0
	<b>Total</b>	\$0	\$103,220	\$0	\$0	\$0	\$0	\$103,220

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-016

**Project Name:** Precision Approach Path Indicator (PAPI) for Runway 14

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Provide PAPI for Runway 14

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction				\$34,700			\$34,700
	Administrative/Legal				\$3,470			\$3,470
	Design (Engineering)				\$3,470			\$3,470
	CM & Inspection				\$3,470			\$3,470
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$45,110	\$0	\$0	\$45,110
<b>PROJECT FUNDING</b>	Federal Airport Grant				\$42,855			\$42,855
	State Airport Grant				\$1,071			\$1,071
	Airport Fund				\$1,184			\$1,184
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$45,110	\$0	\$0	\$45,110

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-018

**Project Name:** Segmented Circle and Lighted Wind Cone

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Provide segmented circle and lighted wind cone

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction				\$28,500			\$28,500
	Administrative/Legal				\$2,850			\$2,850
	Design (Engineering)				\$2,850			\$2,850
	CM & Inspection				\$2,850			\$2,850
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$37,050	\$0	\$0	\$37,050
<b>PROJECT FUNDING</b>	Federal Airport Grant				\$35,198			\$35,198
	State Airport Grant				\$880			\$880
	Airport Fund				\$972			\$972
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$37,050	\$0	\$0	\$37,050

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-019

**Project Name:** Perimeter Fencing and Card Access Gate

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Construct perimeter fencing and card access gate.

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction				\$143,800			\$143,800
	Administrative/Legal				\$14,380			\$14,380
	Design (Engineering)				\$14,380			\$14,380
	CM & Inspection				\$14,380			\$14,380
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$186,940	\$0	\$0	\$186,940
<b>PROJECT FUNDING</b>	Federal Airport Grant				\$177,593			\$177,593
	State Airport Grant				\$4,440			\$4,440
	Airport Fund				\$4,907			\$4,907
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$186,940	\$0	\$0	\$186,940

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-020

**Project Name:** Automatic Weather Observation System (AWOS)

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Provide Automatic Weather Observation System (AWOS)

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction				\$138,500			\$138,500
	Administrative/Legal				\$13,850			\$13,850
	Design (Engineering)				\$13,850			\$13,850
	CM & Inspection				\$13,850			\$13,850
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$180,050	\$0	\$0	\$180,050
<b>PROJECT FUNDING</b>	Federal Airport Grant				\$171,048			\$171,048
	State Airport Grant				\$4,276			\$4,276
	Airport Fund				\$4,726			\$4,726
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$180,050	\$0	\$0	\$180,050

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-021

**Project Name:** Apron and Hanger Area Lighting

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Provide apron and hanger area lighting

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction					\$57,000		\$57,000
	Administrative/Legal					\$5,700		\$5,700
	Design (Engineering)					\$5,700		\$5,700
	CM & Inspection					\$5,700		\$5,700
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$74,100	\$0	\$74,100
<b>PROJECT FUNDING</b>	Federal Airport Grant					\$70,395		\$70,395
	State Airport Grant					\$1,760		\$1,760
	Airport Fund					\$1,945		\$1,945
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$74,100	\$0	\$74,100

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-023

**Project Name:** Improve Taxiways

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** Pave Taxiways

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction					\$170,000		\$170,000
	Administrative/Legal					\$17,000		\$17,000
	Design (Engineering)					\$17,000		\$17,000
	CM & Inspection					\$17,000		\$17,000
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$221,000	\$0	\$221,000
<b>PROJECT FUNDING</b>	Federal Airport Grant					\$209,950		\$209,950
	State Airport Grant					\$5,249		\$5,249
	Airport Fund					\$5,801		\$5,801
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$221,000	\$0	\$221,000

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** AP-024

**Project Name:** Airport Layout Plan (ALP) Update/ALP Narrative

**Location:** Cloverdale Airport

**Project Type:** Airport Improvements

**Department:** Public Works

**Description:** ALP Update/ALP Narrative

**Justification:** Per Airport Master Plan

**Comments:** Anticipated to require CATEX form for approval

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction					\$115,400		\$115,400
	Administrative/Legal					\$11,540		\$11,540
	Design (Engineering)					\$11,540		\$11,540
	CM & Inspection					\$11,540		\$11,540
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$150,020	\$0	\$150,020
<b>PROJECT FUNDING</b>	Federal Airport Grant					\$142,519		\$142,519
	State Airport Grant					\$3,563		\$3,563
	Airport Fund					\$3,938		\$3,938
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$150,020	\$0	\$150,020

**Annual O & M:**

**Data Source:** Airport CIP 2010-2014 (Submitted to FAA February 2010)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> CF-001	<b>Project Name:</b> City of Cloverdale Civic Center Facility	
<b>Location:</b> City of Cloverdale	<b>Project Type:</b> Civic Facility Improvements	<b>Department:</b> Public Works

**Description:** New 11,000 sf Civic Center/City Hall for 20 employees and 100-person capacity community meeting room.

**Justification:** With the projected population increase it is estimated that the City of Cloverdale will require approx. 20 full-time employees. The resulting Civic Ctr. would need to be 11.000 sf.

**Comments:** The cost of new Civic Ctr. Facilities is being shared by new development and the City. The split is 72% existing and 28% new development per the Municipal Resource Group draft Impact Fee Study.

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Architect/Engineering						\$935,000	\$935,000
	Construction						\$5,980,000	\$5,980,000
	Constr. Management/Inspection						\$800,000	\$800,000
	Furniture, Fixtures & Equipment						\$726,000	\$726,000
								\$0
							\$0	\$0
							\$0	\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$8,441,000	\$8,441,000
<b>PROJECT FUNDING</b>	Development Impact Fees-CF						\$2,363,500	\$2,363,500
	Unfunded/Grants						\$6,077,500	\$6,077,500
								\$0
								\$0
								\$0
							\$0	\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$8,441,000	\$8,441,000

**Annual O & M:**

**Data Source:** Municipal Resource Group October 2010 Estimate.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> CF-002	<b>Project Name:</b> Corporation Yard Upgrades	
<b>Location:</b> City of Cloverdale	<b>Project Type:</b> Civic Facility Improvements	<b>Department:</b> Public Works

**Description:** The Corporation Yard is anticipated to require additional storage buildings, mechanical building and vehicle wash-down facility.

**Justification:** Needs for the storage and mechanical buildings and wash-down facility are based on recommendations in the 1995 Corporation Yard Master Plan prepared by Winzler & Kelly and improvements already completed to date.

**Comments:** The cost split is 72% existing and 28% new development per the Municipal Resource Group draft Impact Fee Study.

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Maint/Wash-down/Vehicle Bldg.						\$700,000	\$700,000
	Vehicle Storage Building						\$260,000	\$260,000
	Office Building						\$560,000	\$560,000
	Administrative/Legal						\$76,000	\$76,000
	Design (Engineering)						\$182,400	\$182,400
	CM & Inspection						\$182,400	\$182,400
	Environmental						\$76,000	\$76,000
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$2,036,800	\$2,036,800
<b>PROJECT FUNDING</b>	Development Impact Fees-CF						\$570,304	\$570,304
	Unfunded/Grants						\$1,466,496	\$1,466,496
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$2,036,800	\$2,036,800

**Annual O & M:**

**Data Source:** 1995 Corp Yard Master Plan prepared by W&K, costs updated to 2010.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> CF-004	<b>Project Name:</b> Library Improvements	
<b>Location:</b> City library on Cloverdale Boulevard	<b>Project Type:</b> Civic Facility Improvements	<b>Department:</b> Public Works

**Description:** Improve parking lot lighting. Install ADA signage and identification at ADA parking space and at building

**Justification:** Lighting improvements for safety. ADA signage and identification to conform to ADA requirements.

**Comments:**

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	ADA signage & Identification			\$2,500				\$2,500
	Lighting (exterior)			\$16,000				\$16,000
	Administrative/Legal			\$1,000				\$1,000
	Design (Engineering)			\$5,000				\$5,000
	CM & Inspection			\$5,000				\$5,000
	Environmental			\$1,000				\$1,000
	<b>Total</b>		\$0	\$0	\$30,500	\$0	\$0	\$0
<b>PROJECT FUNDING</b>	Unfunded/Grants			\$28,000				\$28,000
	CDBG Funds			\$2,500				\$2,500
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$30,500	\$0	\$0	\$0

**Annual O & M:**

**Data Source:** 1998 ADA Study

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> CF-008		<b>Project Name:</b> ADA Upgrades to City Buildings						
<b>Location:</b> City Park		<b>Project Type:</b> Civic Facility Improvements			<b>Department:</b> Public Works			
<b>Description:</b> Modify facilities in City-owned buildings to comply with ADA requirements, per 1998 ADA study. 1) City Park Concession Building - Walkway from parking lot to building, ramp and ADA parking. 2) City Park Restrooms - ADA parking								
<b>Justification:</b> To comply with ADA requirements.								
<b>Comments:</b>								
<b>Prerequisite:</b>								
	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	City Park Concession Building			\$11,000				\$11,000
	City Park Restrooms			\$3,500				\$3,500
	Design (Engineering)			\$6,000				\$6,000
	CM & Inspection			\$6,000				\$6,000
					\$0			
				\$0				\$0
				\$0				\$0
	<b>Total</b>	\$0	\$0	\$26,500	\$0	\$0	\$0	\$26,500
<b>PROJECT FUNDING</b>	CDBG Funds			\$26,500				\$26,500
				\$0				\$0
				\$0				\$0
				\$0				\$0
				\$0				\$0
	<b>Total</b>	\$0	\$0	\$26,500	\$0	\$0	\$0	\$26,500
<b>Annual O &amp; M:</b>								
<b>Data Source:</b> 1998 ADA Study								

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-006

**Project Name:** Railroad Ave Drainage Project

**Location:** South of the intersection of Lake and Main

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Construction of approximately 350 lf.. of 7' x 5' RCB

**Justification:** To replace existing undersized 36" storm drain.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$214,710	\$214,710
	Easements						\$25,000	\$25,000
	Administrative/Legal						\$10,800	\$10,800
	Design (Engineering)						\$25,800	\$25,800
	CM & Inspection						\$25,800	\$25,800
	Environmental						\$10,800	\$10,800
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$312,910
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$312,910	\$312,910
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$312,910

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> DR-013		<b>Project Name:</b> Kerry Lane Drainage Improvements						
<b>Location:</b> Kerry Lane to existing downstream creek.		<b>Project Type:</b> Drainage Improvements			<b>Department:</b> Public Works			
<b>Description:</b> Construction of a 42" storm drain.								
<b>Justification:</b> The existing 30" storm drain pipe is undersized as indicated in the Storm Drain Master Plan. This stretch of pipe needs to be replaced.								
<b>Comments:</b>								
<b>Prerequisite:</b>								
	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$270,144	\$270,144
	Administrative/Legal						\$13,600	\$13,600
	Design (Engineering)						\$32,500	\$32,500
	CM & Inspection						\$32,500	\$32,500
	Environmental						\$13,600	\$13,600
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$362,344	\$362,344
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$362,344	\$362,344
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$362,344	\$362,344
<b>Annual O &amp; M:</b>								
<b>Data Source:</b> 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010								

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-014

**Project Name:** Reinforced Concrete Box (RCB) - Los Colinas to Citrus Fair Drive

**Location:** In the rear back yards of existing homes along Los Colinas to the Citrus Fair property and along the Citrus Fair Drive property to Cloverdale Blvd.

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Construction of 5'x3' and 6'x4' reinforced concrete box.

**Justification:** Per the Storm Drain Master Plan, the existing structure needs to be upsized to handle future flows as areas develop upstream from First St.

**Comments:** Needed once upstream developments occur.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,326,520	\$1,326,520
	Administrative/Legal						\$66,400	\$66,400
	Design (Engineering)						\$159,200	\$159,200
	CM & Inspection						\$159,200	\$159,200
	Environmental						\$66,400	\$66,400
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,777,720
<b>PROJECT FUNDING</b>	Development Impact Fees-DR						\$1,100,000	\$1,100,000
	Unfunded/Grants						\$677,720	\$677,720
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,777,720

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-016

**Project Name:** Reinforced Concrete Box (RCB) in Third Street

**Location:** Third Street between Commercial Street and Cloverdale Boulevard

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Construction of 6' x 5' reinforced concrete box to replace the existing 48" reinforced concrete pipe in this location.

**Justification:** Per the Storm Drain Master Plan, the 48" reinforced concrete pipe is currently undersized to handle the flows of this creek. The reinforced concrete box should be installed to preclude flooding.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$76,433	\$76,433
	Easement						\$50,000	\$50,000
	Administrative/Legal						\$3,900	\$3,900
	Design (Engineering)						\$9,200	\$9,200
	CM & Inspection						\$9,200	\$9,200
	Environmental						\$3,900	\$3,900
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$152,633
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$152,633	\$152,633
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$152,633

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-017

**Project Name:** Second Street - 7'x5' RCB Storm Drain

**Location:** Second Street from Cloverdale Blvd. east to N. Main, then south to W. First and S. Main.

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Construct a 7'x5' storm drain (RCB) in Second St. from the existing box culvert at the intersection of Cloverdale Blvd. and Second St., east to N. Main Street, then south down N. Main St. to the existing 3'x6' RCB at the W. First and S. Main. intersection.

**Justification:** This project is necessary to relieve some of the undersized downstream facilities per the Storm Drain Master Plan.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$755,990	\$755,990
	Administrative/Legal						\$37,800	\$37,800
	Design (Engineering)						\$90,800	\$90,800
	CM & Inspection						\$90,800	\$90,800
	Environmental						\$37,800	\$37,800
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,013,190
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$1,013,190	\$1,013,190
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,013,190

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-020

**Project Name:** 24" and 33" Reinforced Concrete Pipes on Brookside Drive

Intersections of Clark Ave. & Brookside Dr.

**Location:** Tarman Drive & Brookside Dr., and  
Mayor Way & Brookside Dr.

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Construction of reinforced concrete pipes at the above locations.

**Justification:** Per the Storm Drain Master Plan, the existing facilities are undersized and need to be upsized to provide adequate storm drain coverage.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$191,700	\$191,700
	Administrative/Legal						\$9,600	\$9,600
	Design (Engineering)						\$23,100	\$23,100
	CM & Inspection						\$23,100	\$23,100
	Environmental						\$9,600	\$9,600
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$257,100
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$257,100	\$257,100
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$257,100

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** DR-026

**Project Name:** Josephine Drive - 30" Storm Drain

**Location:** Josephine Drive, just north of Fourth Street

**Project Type:** Drainage Improvements

**Department:** Public Works

**Description:** Replace existing undersized 18" and 24" reinforced concrete pipe with 30" reinforced concrete pipe. Realign to avoid private property

**Justification:** Once area to the west develops, storm drain flows will increase and existing facilities will be undersized. The Storm Drain Master Plan proposes upsizing these facilities when this development occurs.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$117,294	\$117,294
	Administrative/Legal						\$5,900	\$5,900
	Design (Engineering)						\$14,100	\$14,100
	CM & Inspection						\$14,100	\$14,100
	Environmental						\$5,900	\$5,900
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$157,294
<b>PROJECT FUNDING</b>	Development Impact Fees-DR						\$157,294	\$157,294
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$157,294

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Storm Drain Master Plan 1998. Cost Estimate 2010

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** PO-001

**Project Name:** Police Facilities and Equipment

**Location:** Unknown

**Project Type:** Police Facilities Improvements

**Department:** Police

**Description:** Construction of a new 13,056 sf police station based upon Program Verification Study by Ross-Drulis-Cusenbery, October, 2010.

**Justification:** Existing facility is undersized and needs seismic retrofit.

**Comments:** The cost of a new police station is to be shared by existing users and new development. The split is 72% existing and 28% new development per the Municipal Resource Group Draft Impact Fee Study.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	New Facility/Rental/Construction		\$861,995	\$5,103,005				\$5,965,000
	Marked/Equip. Patrol Cars							\$0
	Personnel Equipment							\$0
	A/E Fees		\$715,800					\$715,800
	Geotechnical and Topo Survey		\$59,650					\$59,650
	Construction CO Contingency				\$298,250			\$298,250
	Furniture, Fixtures & Equipment				\$357,900			\$357,900
	Project Admin/Printing			\$238,600				\$238,600
	Testing and Inspection				\$89,475			\$89,475
	Permits and Fees			\$89,475				\$89,475
	Construction Management			\$34,480	\$204,120			\$238,600
	<b>Total</b>		\$0	\$2,000,000	\$6,052,750	\$0	\$0	\$0
<b>PROJECT FUNDING</b>	Development Impact Fees-PO		\$0	\$2,254,770				\$2,254,770
	Redevelopment Fund		\$2,000,000	\$3,797,980				\$5,797,980
								\$0
								\$0
<b>Total</b>		\$0	\$2,000,000	\$6,052,750	\$0	\$0	\$0	\$8,052,750

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and 2005-2010 CIP. Costs based upon Ross-Drulis-Cusenbery Program Verification October 2010.



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** PR-002

**Project Name:** Cloverdale Skate Park

**Location:** Unknown at this time

**Project Type:** Park Improvements

**Department:** Public Works

**Description:** Construction of a 0.25 acre skateboard park.

**Justification:** This project provides for the addition of park facilities.

**Comments:** Cost estimate does not include land acquisition.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction			\$200,000	\$280,000			\$480,000
	Administrative/Legal			\$10,000	\$11,000			\$21,000
	Design (Engineering)		\$3,000	\$50,600				\$53,600
	CM & Inspection		\$7,000	\$24,400	\$33,200			\$64,600
	Environmental			\$15,000	\$9,000			\$24,000
	<b>Total</b>		\$0	\$10,000	\$300,000	\$333,200	\$0	\$0
<b>PROJECT FUNDING</b>	Development Impact Fees-PR		\$2,000	\$60,000	\$66,640			\$128,640
	Community Fundraising		\$8,000	\$240,000	\$266,560			\$514,560
	<b>Total</b>		\$0	\$10,000	\$300,000	\$333,200	\$0	\$0

**Annual O & M:**

**Data Source:** 2010 Cost Estimate

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** PR-003

**Project Name:** Cloverdale Dog Park

**Location:** Unknown at this time

**Project Type:** Park Improvements

**Department:** Public Works

**Description:** Construction of a dog park - estimated size 0.25 ac.

**Justification:** This project provides for the addition of park facilities.

**Comments:** Cost estimate does not include land acquisition costs.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction			\$15,000				\$15,000
	Land Acquisition		\$8,500	\$66,500				\$75,000
	Administrative/Legal		\$500	\$300				\$800
	Design (Engineering)		\$1,000	\$800				\$1,800
	CM & Inspection			\$1,800				\$1,800
	Environmental			\$800				\$800
	<b>Total</b>		\$0	\$10,000	\$85,200	\$0	\$0	\$0
<b>PROJECT FUNDING</b>	Development Impact Fees-PR		\$10,000					\$10,000
	Community Fundraising			\$85,200				\$85,200
								\$0
								\$0
<b>Total</b>		\$0	\$10,000	\$85,200	\$0	\$0	\$0	\$95,200

**Annual O & M:**

**Data Source:** 2010 Cost Estimate

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** PR-004

**Project Name:** City Park Improvements

**Location:** Varies

**Project Type:** Park Improvements

**Department:** Public Works

**Description:** Replacement of outdated play equipment and bleachers, landscape and drainage improvements at City Hall.

**Justification:** This project provides for the improvement of existing park facilities.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$74,628					\$74,628
	Administrative/Legal		\$3,731					\$3,731
	Design (Engineering)		\$8,955					\$8,955
	CM & Inspection		\$8,955					\$8,955
	Environmental		\$3,731					\$3,731
	<b>Total</b>		\$0	\$100,000	\$0	\$0	\$0	\$0
<b>PROJECT FUNDING</b>	Quimby Act Funds		\$100,000					\$100,000
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$100,000	\$0	\$0	\$0	\$0

**Annual O & M:**

**Data Source:** 2010 Cost Estimate

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** PR-005

**Project Name:** Cloverdale Greenway

**Location:** Citrus Fair Drive - Cloverdale Blvd. & West St. to Asti Lane

**Project Type:** Park Improvements

**Department:** Public Works

**Description:** Remove 2 traffic lanes and add 3 planting strips, 10' bike lane and 15' pedestrian pathway

**Justification:** To facilitate bicycle & pedestrian access from the train depot to downtown businesses

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>	
<b>PROJECT COST</b>	Construction						\$949,500	\$949,500	
	Administrative/Legal						\$95,000	\$95,000	
	Design (Engineering)						\$142,500	\$142,500	
	CM & Inspection						\$114,000	\$114,000	
	Environmental						\$47,500	\$47,500	
								\$0	\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,348,500	\$1,348,500	
<b>PROJECT FUNDING</b>	Unfunded/Grants						\$1,078,800	\$1,078,800	
	Development Impact Fees-PR						\$269,700	\$269,700	
								\$0	\$0
								\$0	\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,348,500	\$1,348,500	

**Annual O & M:**

**Data Source:** Dec. 2010 Cost Estimate

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> PR-006		<b>Project Name:</b> New Community and Neighborhood Parks						
<b>Location:</b> Not determined at this time		<b>Project Type:</b> Park Improvements			<b>Department:</b> Public Works			
<b>Description:</b> The development of approximately 16.82 acres of new park facilities to accommodate build-out population in accordance with General Plan Policy PR 1-2								
<b>Justification:</b> To comply with General Plan Policy PR 1-2								
<b>Comments:</b> Land acquisition is not included.								
<b>Prerequisite:</b>								
	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$2,686,080	\$2,686,080
	Administrative/Legal						\$134,300	\$134,300
	Design (Engineering)						\$322,400	\$322,400
	CM & Inspection						\$322,400	\$322,400
	Environmental						\$134,300	\$134,300
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$3,599,480	\$3,599,480
<b>PROJECT FUNDING</b>	Development Impact Fees-PR						\$3,599,480	\$3,599,480
								\$0
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$3,599,480	\$3,599,480
<b>Annual O &amp; M:</b>								
<b>Data Source:</b> Oct. 2010 CCE estimate reduced by 50% assuming that approximately half of the new park space will be left relatively undeveloped								

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> SA-003	<b>Project Name:</b> E. Fourth, N. Main, E. Second and East St. Sewer Main Up-Sizing
<b>Location:</b> E. Fourth (Main St to Clov. Blvd), N. Main (2nd St to 4th St), E. Second (East to Main) and East St. (Railroad Ave to 2nd St..)	<b>Project Type:</b> Sanitation Improvements <span style="float: right;"><b>Department:</b> Public Works</span>

**Description:** E. Fourth & N. Main: Replacement of approximately 1,200 linear feet of existing sewer mains and appurtenances with new 12-inch mains and appurtenances.  
E. Second & East St: Replacement of approx. 2,000 linear feet of existing sewer mains and appurtenances with new 15-inch mains and appurtenances.

**Justification:** To provide additional capacity to the existing sewer collection system in the downtown area to support anticipated increases in effluent flows produced by the areas in the northern portion of the Sphere of Influence.

**Comments:** Projects SA-002 and SA-003 were combined into this one project. Necessity is dependent upon development of the North area of the City

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Construction						\$1,340,763	\$1,340,763
	Administrative/Legal						\$111,730	\$111,730
	Design (Engineering)						\$167,595	\$167,595
	Environmental						\$55,865	\$55,865
	CM & Inspection						\$167,595	\$167,595
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,843,548
<b>PROJECT FUNDING</b>	Development Impact Fees-SA						\$1,843,548	\$1,843,548
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,843,548

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.4)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-004

**Project Name:** North Cloverdale Boulevard 10" Sewer Main Project

**Location:** N. Cloverdale Blvd. from North St. to E. Fourth St.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of the existing 6-inch main and appurtenances with a new 10-inch main and appurtenances, on North Cloverdale Boulevard between North St. and East Fourth St.

**Justification:** To provide additional capacity to the existing sewer collection system to support growth per the General Plan Update shown in the northern portion of the Sphere of Influence.

**Comments:** Dependent upon development of the North area of the City

**Prerequisite:** SA-003

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$849,508	\$849,508
	Administration						\$70,792	\$70,792
	Design PS&E						\$106,188	\$106,188
	Environmental						\$35,396	\$35,396
	Construction Management						\$106,188	\$106,188
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,168,072
<b>PROJECT FUNDING</b>	Development Impact Fees-SA						\$1,168,072	\$1,168,072
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,168,072

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.3)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-015

**Project Name:** N. Cloverdale Boulevard 8-inch Sewer Main Extension Project

**Location:** N. Cloverdale Blvd. from North St. to north of Hwy 128

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** A new 8-inch sewer main, a 6-inch force main and a pump station will be constructed to accommodate this area.

**Justification:** This project will provide service to the proposed development on the north end of the Sphere of Influence to the City's existing collection system.

**Comments:** This project should be constructed after or concurrently with the completion of the North Cloverdale Boulevard 10" Sewer Main Project (SA-004).

**Prerequisite:** SA-003 & SA-004

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,425,664	\$1,425,664
	Administration						\$118,805	\$118,805
	Design PS&E						\$178,208	\$178,208
	Right of Way						\$30,000	\$30,000
	Environmental						\$59,403	\$59,403
	Construction Management						\$178,208	\$178,208
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,990,288
<b>PROJECT FUNDING</b>	Area of Benefit						\$1,990,288	\$1,990,288
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,990,288

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.7)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-017

**Project Name:** Wastewater Treatment Facility Main Up-Sizing

**Location:** Just upstream of the headworks at the WWTF

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Upsize trunk main inflow pipe to 36" DIP just upstream of the headworks at the WWTF

**Justification:** To provide additional capacity to portions of the trunk main at the WWTF to accommodate proposed growth.

**Comments:** To provide immediate benefits, the WWTP and recycled water improvements would need to be implemented simultaneously.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$284,252	\$284,252
	Administration						\$23,688	\$23,688
	Design PS&E						\$35,532	\$35,532
	Right of Way						\$10,000	\$10,000
	Environmental						\$11,844	\$11,844
	Construction Management						\$35,532	\$35,532
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$400,848
<b>PROJECT FUNDING</b>	Development Impact Fees-SA						\$400,848	\$400,848
								\$0
								\$0
								\$0
								\$0
		\$0	\$0	\$0	\$0	\$0	\$400,848	\$400,848

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.6)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-020

**Project Name:** Aged Network Replacement Phase 1

**Location:** Shahan Dr., Heidi Ln., Kay Ct., Grace Ct., Block Dr., Oak Ln., N. Cloverdale Blvd.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains east of the pump station at Shahan Drive and from the pump station to Cloverdale Blvd. Most entail replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards. This project also includes replacement of the pump station.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,163,120	\$1,163,120
	Administration						\$96,927	\$96,927
	Design PS&E						\$145,390	\$145,390
	Right of Way						\$10,000	\$10,000
	Environmental						\$48,463	\$48,463
	Construction Management						\$145,390	\$145,390
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,609,290
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$1,609,290	\$1,609,290
								\$0
								\$0
								\$0
								\$0
		\$0	\$0	\$0	\$0	\$0	\$1,609,290	\$1,609,290

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.1)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-021

**Project Name:** Aged Network Replacement Phase 2

Jefferson St.(north of 4th St.), North St.(west of Venezia Wy), Champlain Ave., School St.(west of N. Clov. Blvd and

**Location:** west of Silva St), Washington St.(bet. School St. & 4th St), Haehl St., Charles St., Kerry Ln., Fourth St., Hardister Dr., Butler Ct.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in older areas west of Cloverdale Boulevard. Most entail replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$2,091,854	\$2,091,854
	Administration						\$174,321	\$174,321
	Design PS&E						\$261,482	\$261,482
	Right of Way						\$10,000	\$10,000
	Environmental						\$87,161	\$87,161
	Construction Management						\$261,482	\$261,482
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$2,886,300
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$2,886,300	\$2,886,300
								\$0
								\$0
								\$0
								\$0
		\$0	\$0	\$0	\$0	\$0	\$2,886,300	\$2,886,300

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.2)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-022

**Project Name:** Aged Network Replacement Phase 3

**Location:** Josephine Dr., N. Foothill Dr. (between School St. and the proposed alignment of W. 4th St.), Foster Ct.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in older areas along Josephine Drive. Most entail replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$830,917	\$830,917
	Administration						\$69,243	\$69,243
	Design PS&E						\$103,865	\$103,865
	Right of Way						\$10,000	\$10,000
	Environmental						\$34,622	\$34,622
	Construction Management						\$103,865	\$103,865
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,152,512
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$1,152,512	\$1,152,512
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,152,512

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.3)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-023

**Project Name:** Aged Network Replacement Phase 4

**Location:** 1st St., 2nd St.(along the northern boundary of Citrus Fair grounds), City Park, Franklin St.(between 2nd St. & Las Colinas Dr.), Las Colinas Dr., Washington St.(south of 1st St), Citrus Fair grounds (along northern boundary).

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in older areas near City Park and near the Citrus Fair Grounds. Includes replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards along First St., Franklin St., Las Colinas and Second St. Repair to damaged 10" mains on Washington St. and along the northern boundary of the Citrus Fair grounds.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,416,940	\$1,416,940
	Administration						\$118,078	\$118,078
	Design PS&E						\$177,118	\$177,118
	Right of Way						\$10,000	\$10,000
	Environmental						\$59,039	\$59,039
	Construction Management						\$177,118	\$177,118
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,958,293
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$1,958,293	\$1,958,293
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,958,293

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.4)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-024

**Project Name:** Aged Network Replacement Phase 5

**Location:** University Dr., E. Fourth St., Vista View Dr., Triplett Dr.,  
Main St (3rd St. to 4th St.) Stameroff Ct., Third St.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in older areas near University St. and along Cloverdale Creek. The majority of the upgrades entail replacing 6" asbestos concrete mains with 8" PVC mains.

**Justification:** For ongoing maintenance and upgrade to the aging system with heavy maintenance problems, and the ability to provide cleaning of the line. These are not needed for capacity or General Plan build out.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,687,024	\$1,687,024
	Administration						\$140,585	\$140,585
	Design PS&E						\$210,878	\$210,878
	Right of Way						\$10,000	\$10,000
	Environmental						\$70,293	\$70,293
	Construction Management						\$210,878	\$210,878
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$2,329,658
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$2,329,658	\$2,329,658
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$2,329,658

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.5)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-025

**Project Name:** Aged Network Replacement Phase 6

**Location:** Evergreen Lane, Lake Street (East of Asti Road), Live Oak Ln.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in older areas in Lake St. east of Asti Road. Includes replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$302,526	\$302,526
	Administration						\$25,210	\$25,210
	Design PS&E						\$37,816	\$37,816
	Right of Way						\$10,000	\$10,000
	Environmental						\$12,605	\$12,605
	Construction Management						\$37,816	\$37,816
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$425,973
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$425,973	\$425,973
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$425,973

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.6)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-026

**Project Name:** Aged Network Replacement Phase 7

**Location:** Allen Ave., Alter St., Blair St., Brookside Dr., Caldwell St., Clark Ave., Debmar Ln., Dina St., E. Cherry Creek Rd., Elm St., Hillview Dr., Mayor Way, Rosewood Dr., Tarman Dr.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in the Tarman Subdivision area. The majority includes replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$2,982,495	\$2,982,495
	Administration						\$248,541	\$248,541
	Design PS&E						\$372,812	\$372,812
	Right of Way						\$10,000	\$10,000
	Environmental						\$124,271	\$124,271
	Construction Management						\$372,812	\$372,812
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$4,110,931
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$4,110,931	\$4,110,931
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$4,110,931

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.7)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-027

**Project Name:** Aged Network Replacement Phase 8

**Location:** Bandiera Way, Burgundy Ct., Chablis Way, Cherry Creek Rd., Foothill Blvd., Roan Ct., Rose Ct., Vine Dr., & north of Cherry Creek along the private property.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replacement of aged sewer mains in the older areas near Foothill Boulevard between Cherry Creek Rd. and Porterfield Creek Dr. The majority entail replacing 6" asbestos concrete mains with 8" PVC mains that conform to current City Standards. The damaged 8" main north of Cherry Creek along the private property will also be repaired.

**Justification:** Ongoing maintenance and upgrade to the aging system, and to reduce inflow and infiltration into the wastewater collection system.

**Comments:** These are not needed for capacity or General Plan build-out.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,297,523	\$1,297,523
	Administration						\$108,127	\$108,127
	Design PS&E						\$162,190	\$162,190
	Right of Way						\$10,000	\$10,000
	Environmental						\$54,063	\$54,063
	Construction Management						\$162,190	\$162,190
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,794,093
<b>PROJECT FUNDING</b>	Sewer Operations Fund						\$1,794,093	\$1,794,093
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,794,093

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.2.8)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-028

**Project Name:** South Trunk Sewer Main Up-Sizing

**Location:** From the junction of the South & Southwest collection to the Wastewater Treatment Facility trunk main.

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Replace a portion of the existing 18-inch sewer main with 30-inch pipe.

**Justification:** To provide additional capacity to the existing sewer collection system to provide service to the areas in the southern portion of the Sphere of Influence.

**Comments:**

**Prerequisite:** SA-017

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$825,527	\$825,527
	Administration						\$68,794	\$68,794
	Design PS&E						\$103,191	\$103,191
	Right of Way						\$30,000	\$30,000
	Environmental						\$34,397	\$34,397
	Construction Management						\$103,191	\$103,191
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,165,100
<b>PROJECT FUNDING</b>	Development Impact Fees-SA						\$1,165,100	\$1,165,100
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,165,100

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update (Table 6.5)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-029

**Project Name:** South Asti Sewer Main Extension

**Location:** South Asti Road

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Install a 6-inch force main, 8-inch and 12-inch pipe, and add two new pump stations.

**Justification:** To provide service for the Urban Growth Boundary Exception Areas along Asti Road.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$6,153,986	\$6,153,986
	Administration						\$512,832	\$512,832
	Design PS&E						\$769,248	\$769,248
	Right of Way						\$15,000	\$15,000
	Environmental						\$256,416	\$256,416
	Construction Management						\$769,248	\$769,248
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$8,476,730
<b>PROJECT FUNDING</b>	Area of Benefit						\$8,476,730	\$8,476,730
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$8,476,730

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.8)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-030

**Project Name:** Theresa Drive 8-inch Sewer Main Extension

**Location:** Dutcher Creek Road/Theresa Drive area

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Extend a new line under Highway 101 and connect the Dutcher Creek Rd. and Teresa Drive areas to the proposed sewer main in Asti Road.

**Justification:** To provide service along Asti Road and the Dutcher Creek/Theresa Drive areas.

**Comments:** This project should be done in conjunction with or after the completion of the Asti Rd. Extension project (SA-029)

**Prerequisite:** SA-029

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$536,283	\$536,283
	Administration						\$44,690	\$44,690
	Design PS&E						\$67,035	\$67,035
	Right of Way						\$30,000	\$30,000
	Environmental						\$22,345	\$22,345
	Construction Management						\$67,035	\$67,035
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$767,388
<b>PROJECT FUNDING</b>	Area of Benefit						\$767,388	\$767,388
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$767,388

**Annual O & M:**

**Data Source:** Sewer System Master Plan Update 2009 (Table 6.8)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** SA-031

**Project Name:** Wastewater Treatment Plant Upgrade to AWT

**Location:** Wastewater Treatment Plant

**Project Type:** Sanitation Improvements

**Department:** Public Works

**Description:** Upgrade the treatment plant to advanced wastewater treatment.

**Justification:** AWT may be required by State Water Quality Control Board and in order to establish City reclaimed water service

**Comments:** To provide immediate benefits, the WWTP and recycled water improvements would need to be implemented simultaneously. The 60/40 funding split is assumed pending Impact Fee program update. Project scope and cost are currently under review.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	WWTP Construction Costs						\$17,330,000	\$17,330,000
	WWTP Soft Costs						\$5,200,000	\$5,200,000
	Reuse/Disposal Constr. Costs						\$7,712,600	\$7,712,600
	Reuse/Disposal Soft Costs						\$2,313,800	\$2,313,800
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$32,556,400	\$32,556,400
<b>PROJECT FUNDING</b>	Sewer Operations Fund, 40%						\$13,022,560	\$13,022,560
	Development Impact Fees-SA, 60%						\$19,533,840	\$19,533,840
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$32,556,400	\$32,556,400

**Annual O & M:** \$1,115,000

**Data Source:** HDR Preliminary Design Report February, 2010, WWTP Alternative 3 (Table 5-1) and Reuse/Disposal Alternative 1B (Table 4-2).

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-001

**Project Name:** Cloverdale Boulevard Widening

**Location:** Cloverdale Blvd. (Shady Lane to South of Elbridge Lane)

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Widening of Cloverdale Blvd to provide 1-12' lane in each direction with 14' center left turn lane, with turn lanes at intersections, 6' wide Class II bicycle lanes (including the gutter pan), street lights and 5' sidewalks.

**Justification:** Provide facilities for cyclists and pedestrians.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,056,000	\$1,056,000
	Right of Way						\$200,000	\$200,000
	Administrative/Legal						\$105,600	\$105,600
	Design (Engineering)						\$126,800	\$126,800
	Environmental						\$52,800	\$52,800
	CM & Inspection						\$126,800	\$126,800
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,668,000	\$1,668,000
<b>PROJECT FUNDING</b>	Development Impact Fees-ST						\$1,668,000	\$1,668,000
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,668,000	\$1,668,000

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and 2005-2010 CIP. Estimate as of 1/2011.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-002

**Project Name:** Pavement Management Program (PMP)

**Location:** City Wide

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Implement a pavement management program for all City streets within Cloverdale. This will include annual overlays, slurry sealing, crack sealing and needed street reconstruction and maintenance.

**Justification:** To maintain an average Pavement Condition Index (PCI) of 70 and maximize useable life of the City street system and minimize maintenance costs.

**Comments:** The City has not adopted a pavement management goal.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT</b>	Pavement Improvements			\$600,000	\$600,000	\$600,000	\$600,000	\$2,400,000
<b>COST</b>	Administrative/Legal			\$30,000	\$30,000	\$30,000	\$30,000	\$120,000
	Design (Engineering)			\$72,000	\$72,000	\$72,000	\$72,000	\$288,000
	Environmental			\$72,000	\$72,000	\$72,000	\$30,000	\$246,000
	CM & Inspection			\$30,000	\$30,000	\$30,000	\$72,000	\$162,000
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$804,000	\$804,000	\$804,000	\$804,000	\$3,216,000
<b>PROJECT FUNDING</b>	Measure M Funds			\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
	Unfunded/Grants			\$754,000	\$754,000	\$754,000	\$754,000	\$3,016,000
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$0	\$804,000	\$804,000	\$804,000	\$804,000	\$3,216,000

**Annual O & M:**

**Data Source:** 2008 Pavement Management Program Update Final Report, October 2008

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-010

**Project Name:** Roundabout at South Interchange at Northbound Ramps

**Location:** South Hwy 101 interchange at northbound ramps

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Construction of a roundabout to include northbound 101 ramps and Asti Road. A roundabout is recommended per the General Plan Transportation and Circulation Element.

**Justification:** It is anticipated that these intersections will meet traffic signal warrants.

**Comments:** This project replaces prior CIP projects for signalization of the two intersections.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,363,938	\$1,363,938
	Administrative/Legal						\$68,200	\$68,200
	Design (Engineering)						\$163,700	\$163,700
	Environmental						\$68,200	\$68,200
	CM & Inspection						\$163,700	\$163,700
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,827,738
<b>PROJECT FUNDING</b>	Development Impact Fees-ST						\$1,827,738	\$1,827,738
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,827,738

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Alexander Valley Resort Traffic Study. Cost estimate 2010.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-011

**Project Name:** Roundabout at South Interchange at Southbound Ramps

**Location:** South Hwy 101 interchange at southbound ramps

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Construction of a roundabout to include southbound 101 ramps and S. Cloverdale Boulevard. A roundabout is recommended per the General Plan Transportation and Circulation Element

**Justification:** It is anticipated that these intersections will meet traffic signal warrants.

**Comments:** This project replaces prior CIP projects for signalization of the two intersections.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,363,938	\$1,363,938
	Administrative/Legal						\$68,200	\$68,200
	Design (Engineering)						\$163,700	\$163,700
	Environmental						\$68,200	\$68,200
	CM & Inspection						\$163,700	\$163,700
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,827,738
<b>PROJECT FUNDING</b>	Development Impact Fees-ST						\$1,827,738	\$1,827,738
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,827,738

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and Alexander Valley Resort Traffic Study. Cost estimate 2010.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-014

**Project Name:** Signal at Cloverdale Boulevard and Treadway Drive

**Location:** Intersection of Cloverdale Boulevard and Treadway Drive

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Construction of a traffic signal at this intersection per signal warrant analysis in Traffic Fee Impact Report.

**Justification:** With the build-out of the development in the southern portion of the City. It is anticipated that traffic signal warrants will be met at this intersection, thus the need for a signal.

**Comments:** Funding is in accordance with Rancho de Amigos Development Agreement

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$229,320	\$229,320
	Warrant Study						\$3,000	\$3,000
	Administrative/Legal						\$11,500	\$11,500
	Design (Engineering)						\$27,600	\$27,600
	Environmental						\$11,500	\$11,500
	CM & Inspection						\$27,600	\$27,600
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$310,520	\$310,520
<b>PROJECT FUNDING</b>	Developer Contribution						\$248,416	\$248,416
	Rancho de Amigos Signal Fund						\$62,104	\$62,104
							\$0	\$0
							\$0	\$0
	<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$310,520	\$310,520

**Annual O & M:**

**Data Source:** 1998 Development Impact Fee Update and 2005-2010 CIP.





**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** ST-034

**Project Name:** Cloverdale Boulevard Sidewalk Infill

**Location:** Various locations

**Project Type:** Street Improvements

**Department:** Public Works

**Description:** Construction of curbs, gutters and sidewalks along portions of Cloverdale Boulevard where sidewalks do not currently exist.

**Justification:** Increase accessibility.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$861,800	\$861,800
	Administrative/Legal						\$43,100	\$43,100
	Design (Engineering)						\$103,500	\$103,500
	Environmental						\$43,100	\$43,100
	CM & Inspection						\$103,500	\$103,500
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,155,000
<b>PROJECT FUNDING</b>	Redevelopment Fund						\$1,155,000	\$1,155,000
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,155,000

**Annual O & M:**

**Data Source:** 1/2011 Estimate

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-015

**Project Name:** 16" Water Main Extension from Corporation Yard to Santana Drive

**Location:** Asti Road - south of Citrus Fair Drive from the Corporation Yard entrance to the ex. 12" main at Santana Drive

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Extend the 16" main in Asti Rd. from adjacent to the Wastewater Treatment Plant to the existing 12" main at Santana Drive

**Justification:** To move provided for sufficient tank recharge as growth increases demands upon existing tank feed mains.

**Comments:** In the Water Master Plan Update 2010 this project is called Hot Springs and Southcrest Reservoir Flow Improvements Phase II

**Prerequisite:** WA-016

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,062,686	\$1,062,686
	Administration						\$88,557	\$88,557
	Design PS&E						\$132,836	\$132,836
	Environmental						\$44,279	\$44,279
	Construction Management						\$132,836	\$132,836
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,461,194
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$1,461,194	\$1,461,194
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,461,194

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.8a)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-016

**Project Name:** 16" Water Main in Asti Road from E. First St. to Citrus Fair Dr.

**Location:** Asti Road - north of Citrus Fair Drive from the ex. 16" main in E. 1st St. to the ex. 16" main at Citrus Fair Dr.

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Construction of 16" main and necessary appurtenances along Asti Rd. from E. First St. to Citrus Fair Drive

**Justification:** To provided sufficient tank adequate tank recharge under current peak demands.

**Comments:** USDA pre-application costs used here. These are not the same as the Water Master Plan Update costs for this project. In the Water System Master Plan Update 2010 this project is called Hot Springs and Southcrest Reservoir Flow Improvements Phase I

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$652,700					\$652,700
	Architectural & Engineering		\$45,700					\$45,700
	Construction Management		\$52,200					\$52,200
	Contingencies		\$150,100					\$150,100
				\$0				\$0
	<b>Total</b>	\$0	\$900,700	\$0	\$0	\$0	\$0	\$900,700
<b>PROJECT FUNDING</b>	USDA		\$900,700					\$900,700
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$900,700	\$0	\$0	\$0	\$0	\$900,700

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.1) and USDA pre-application submittal

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> WA-036	<b>Project Name:</b> Northwest Zone 1 Improvements - Replace Older, Undersized Water Mains		
<b>Location:</b> W. 4th St., Champlain, North St., Josephine Dr., Antonio St., Hardister., Franklin St., Butler Ct., W. 1st St., Las Colinas.	<b>Project Type:</b> Water Improvements	<b>Department:</b> Public Works	

**Description:** Upsize the 8" main to a 12" main in N. Foothill Blvd and extend it northerly to W. 4th St, then in W. 4th St. to N. Jefferson; upsize the (existing) water mains to 8" in the following areas: W 4th from Josephine to N. Jefferson (4"), Champlain from N. Jefferson to N. Cloverdale (6"), North St (6"), Josephine Dr. from W. 4th to Antonio St. (4"), Antonio St (4"), Hardister St (4"), Franklin St. from W 2nd to W 1st (4"), Connect Butler Ct to the water main adjacent to City Park (6"), W. 1st from Franklin to Las Colinas (4"), Las Colinas (4"); and abandon 4" main in W. First St. from Commercial St. to Franklin St.

**Justification:** To alleviate restricted fire flows due to aged and undersized water mains in the northern part of Zone 1.

**Comments:**

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Construction						\$1,131,365	\$1,131,365
	Administrative/Legal						\$94,280	\$94,280
	Design (Engineering)						\$141,421	\$141,421
	Environmental						\$47,140	\$47,140
	CM & Inspection						\$141,421	\$141,421
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,555,627
<b>PROJECT FUNDING</b>	Water Operations Fund						\$1,555,627	\$1,555,627
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,555,627

**Annual O & M:**  
**Data Source:** Water System Master Plan Update 2010 (Table 5.3)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-039

**Project Name:** 12" Water Main Under Highway 101 from Asti Rd to Ottoboni Drive

**Location:** Under Highway 101 at Briarwood Mobile Home Park.

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Install a 12" water main under Highway 101 to connect the new 16" line in Asti to the existing 12" main in Briarwood Mobile Home Park.

**Justification:** To move provided for sufficient tank recharge as growth increases demands upon existing tank feed mains.

**Comments:** In the Water Master Plan Update 2010 this project is called Hot Springs and Southcrest Reservoir Flow Improvements Phase III.

**Prerequisite:** WA-015, WA-016

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$645,571	\$645,571
	Administration						\$53,798	\$53,798
	Design PS&E						\$80,696	\$80,696
	Right of Way						\$5,000	\$5,000
	Environmental						\$26,899	\$26,899
	Construction Management						\$80,696	\$80,696
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$892,660
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$892,660	\$892,660
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$892,660

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.8b)

**City of Cloverdale  
Five Year Capital Improvement Program  
PROJECT DATA FORM**

**Project Number:** WA-040

**Project Name:** Ritter Tank Feeder Main Upsizing

**Location:** From Ritter Reservoir to Hillside CT, from Hillside Ct. to N. Cloverdale Blvd, from N. Cloverdale Blvd south to North St.

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Replace the existing 10-inch main from Ritter Reservoir to Hillcrest CT, the 8-inch main from Hillcrest Ct to N. Cloverdale Blvd. and the 10-inch main down Cloverdale Blvd to North Street, all with 12-inch main.

**Justification:** As development occurs, additional capacity is required in feeds to Ritter Tank site.

**Comments:** In the Water System Master Plan Update 2010 this project is called North Zone 2 Improvements. (Table 5.9)

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$847,829	\$847,829
	Administration						\$70,652	\$70,652
	Design PS&E						\$105,979	\$105,979
	Environmental						\$35,326	\$35,326
	Construction Management						\$105,979	\$105,979
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,165,765
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$1,165,765	\$1,165,765
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,165,765

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.9).

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-041

**Project Name:** Foothill Blvd 12" Main Extension

**Location:** N. Foothill Blvd from adjacent to Vintage Meadows subdivision northerly to W. Fourth, then in W. Fourth St. to N. Jefferson

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Extend 12" main at the northerly end of Foothill Blvd adjacent to Vintage Meadows subdivision, through Foothill Blvd. to W. Fourth St., upsizing the existing section west of City Park from 8" to 12". Extend the new main from the intersection of Foothill Blvd & W. Fourth St through W. Fourth St. to N. Jefferson.

**Justification:** To accommodate additional Northwest Zone 1 development.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$547,824	\$547,824
	Administration						\$45,652	\$45,652
	Design PS&E						\$68,478	\$68,478
	Environmental						\$22,826	\$22,826
	Construction Management						\$68,478	\$68,478
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$753,258
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$753,258	\$753,258
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$753,258

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.10).



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-043

**Project Name:** Various Zone 1 Improvements

**Location:** Railroad Ave, N. Cloverdale Blvd., S. Cloverdale Blvd.,  
Shady Lane, E. First St. and Oakbrook Ln.

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Upsize the 4" main in Railroad Ave. between Cloverdale Blvd. and S. East St.; Move the hydrants and services along N. Cloverdale Blvd from the 2" and 4" mains to the ex. 10" main between Cloverdale Creek and E. 3rd. St.; Add new 8" main from S. Cloverdale Blvd. to Douglas Fir Circle in Shady Lane; Add new 8" main from E. 1st St. to Oakbrook Ln. to complete loop.

**Justification:** To replace aged and undersized mains, and to improve water system functionality in Zone 1.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$425,853	\$425,853
	Administration						\$35,488	\$35,488
	Design PS&E						\$53,232	\$53,232
	Environmental						\$17,744	\$17,744
	Construction Management						\$53,232	\$53,232
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$585,549
<b>PROJECT FUNDING</b>	Water Operations Fund						\$585,549	\$585,549
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$585,549

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.5)



**City of Cloverdale  
Five Year Capital Improvement Program  
PROJECT DATA FORM**

**Project Number:** WA-045

**Project Name:** Main Reservoir Replacement and Expansion

**Location:** Main reservoir site

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Two new 370,000 gallon tanks at the Main reservoir site.

**Justification:** The two existing Main Reservoir tanks are aged may be threatened by land instability due to the Hwy 101 bypass construction. Increased storage capacity is necessary to accommodate growth.

**Comments:** In the Water System Master Plan Update 2010 this project is called Reservoir Storage Improvements

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,220,286	\$1,220,286
	Administration						\$101,691	\$101,691
	Design PS&E						\$152,536	\$152,536
	Right of Way						\$15,000	\$15,000
	Environmental						\$50,845	\$50,845
	Construction Management						\$152,536	\$152,536
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,692,894
<b>PROJECT FUNDING</b>	* Water Operations Fund						\$1,235,813	\$1,235,813
	* Development Impact Fees-WA						\$457,081	\$457,081
								\$0
								\$0
								\$0
<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,692,894	\$1,692,894

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.7a)

\*Split based upon ratio of existing to future capacity.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-046

**Project Name:** Reservoir Storage at Asti Rd. Reservoir Site

**Location:** Asti Rd. reservoir site

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Two new 500,000 gallon tanks at the Asti Rd. reservoir site.

**Justification:** The Asti site will be required for fire flow capacity and additional water demand to accommodate growth in this area.

**Comments:**

**Prerequisite:** WA-015, WA-016 & WA-049

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$1,409,286	\$1,409,286
	Administration						\$117,441	\$117,441
	Design PS&E						\$176,161	\$176,161
	Right of Way						\$15,000	\$15,000
	Environmental						\$58,720	\$58,720
	Construction Management						\$176,161	\$176,161
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,952,769
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$1,952,769	\$1,952,769
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,952,769

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.7b)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-047

**Project Name:** 750,000 Gallon Tank at the Ritter Tank Site

**Location:** Ritter reservoir site

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Construction of one new 750,000 gallon tank at Ritter reservoir site. This project also includes upgrading or replacing the School Street pump station.

**Justification:** Additional water storage is necessary in Zone 2 to accommodate growth.

**Comments:** The upgrading or replacing of the School Street pump station is a high priority and may precede this project as a separate capital project.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$786,660	\$786,660
	Administration						\$65,555	\$65,555
	Design PS&E						\$98,333	\$98,333
	Right of Way						\$15,000	\$15,000
	Environmental						\$32,778	\$32,778
	Construction Management						\$98,333	\$98,333
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,096,659
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$1,096,659	\$1,096,659
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,096,659

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.7c)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-048

**Project Name:** North Cloverdale Water System Expansion

N. Cloverdale Blvd at Shahan Dr., north along N.

**Location:** Cloverdale Blvd. to McCray Rd, along McCray Rd, under Hwy 101.

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** To create a 12" main loop along Hwy 101, McCray Road and N. Cloverdale Boulevard.

**Justification:** To address one of the primary areas of development in the City where the bulk of new water demand will occur.

**Comments:**

**Prerequisite:** WA-047

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$2,718,538	\$2,718,538
	Administration						\$226,545	\$226,545
	Design PS&E						\$339,817	\$339,817
	Right of Way						\$15,000	\$15,000
	Environmental						\$113,272	\$113,272
	Construction Management						\$339,817	\$339,817
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$3,752,989
<b>PROJECT FUNDING</b>	Area of Benefit						\$3,752,989	\$3,752,989
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$3,752,989

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.11)

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

<b>Project Number:</b> WA-049	<b>Project Name:</b> Southern Asti Road Water System Expansion	
<b>Location:</b> Asti Road, South of Santana Drive, Chrome Iron Rd, along the airport	<b>Project Type:</b> Water Improvements	<b>Department:</b> Public Works

**Description:** Construct a 16" main in Asti Rd. from Santana Dr. to the new Asti Rd. Reservoir site. (Development Impact Fee funded.) Construct a 12" water main to continue new water service in Asti Rd to approx. 1/2 mile south of the Dutcher Creek Exit of Hwy 101. A 12" loop running from Asti Rd. in Chrome Iron Rd. to Cloverdale Airport, then North along the western boundary of the airport, along the railroad tracks to an existing 12" stub main in Santana Drive.

**Justification:** To support growth at the Alexander Valley site and to the south along Asti Road.

**Comments:**

**Prerequisite:**

	Item	Previous Budget	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014 & Beyond	Total
<b>PROJECT COST</b>	Construction						\$3,768,206	\$3,768,206
	Administration						\$314,017	\$314,017
	Design PS&E						\$471,026	\$471,026
	Right of Way						\$15,000	\$15,000
	Environmental						\$157,009	\$157,009
	Construction Management						\$471,026	\$471,026
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$5,196,284
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$861,000	\$861,000
	Area of Benefit						\$4,335,284	\$4,335,284
								\$0
								\$0
<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$5,196,284	\$5,196,284

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.12)



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-051

**Project Name:** Southwestern Cloverdale Water System Expansion Phase 2

**Location:** Dutcher Creek Rd to Sandholm Ln

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Extend the new 12" water main in Dutcher Creek Rd south to Theresa Dr.

**Justification:** To support growth at the on the western side of Hwy 101, south of Sandholm Lane. The development area extends south to the Rains Creek Water District at Theresa Drive along Dutcher Creek Rd.

**Comments:**

**Prerequisite:** WA-015, WA-016, WA-039 & WA-050

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$729,582	\$729,582
	Administration						\$60,799	\$60,799
	Design PS&E						\$91,198	\$91,198
	Right of Way						\$15,000	\$15,000
	Environmental						\$30,399	\$30,399
	Construction Management						\$91,198	\$91,198
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,018,176
<b>PROJECT FUNDING</b>	Area of Benefit						\$1,018,176	\$1,018,176
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,018,176

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.13b)



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-053

**Project Name:** 8" Water Main in Vista View Dr. Extension

**Location:** From N. Cloverdale Blvd to Vista View Drive near the top of the hill in Vista View Drive extension

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Install new 8" water main from the new 12" main in North Cloverdale Blvd to the upsized 12" water main in Vista View Drive.

**Justification:** To support development along extension of Vista View Drive.

**Comments:**

**Prerequisite:** WA-048 (partial)

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$437,549	\$437,549
	Administration						\$36,462	\$36,462
	Design PS&E						\$54,694	\$54,694
	Environmental						\$18,231	\$18,231
	Construction Management						\$54,694	\$54,694
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$601,630
<b>PROJECT FUNDING</b>	Area of Benefit						\$601,630	\$601,630
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$601,630

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.14)



**City of Cloverdale  
Five Year Capital Improvement Program  
PROJECT DATA FORM**

**Project Number:** WA-055

**Project Name:** Well Field Improvements

**Location:** Water Treatment Plant

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Replace Well 7 and install flow control modifications to Wells 3, 6 and 8.

**Justification:** Water production from the 3 existing older wells has diminished, even with repeated refurbishment. The newest well has not reached its rated capacity during summer peak demand due to decreased groundwater in the area. During summer months the City is close to not meeting demand (93% capacity), which is not a sufficient margin of safety per the City and per the California Department of Public Health.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$300,000					\$300,000
	Architectural & Engineering		\$105,000					\$105,000
	Construction Management		\$24,000					\$24,000
	Contingencies		\$85,800					\$85,800
				\$0				\$0
	<b>Total</b>	\$0	\$514,800	\$0	\$0	\$0	\$0	\$514,800
<b>PROJECT FUNDING</b>	USDA		\$514,800					\$514,800
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$514,800	\$0	\$0	\$0	\$0	\$514,800

**Annual O & M:**

**Data Source:** USDA Pre application submittal

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-056

**Project Name:** Water Distribution System - SCADA Improvements

**Location:** Nine water storage existing tanks and two pump stations

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Installation of a SCADA system to provide remote data on all of the storage facilities and pump stations in the City's water distribution system.

**Justification:** Existing remote data on the system is limited and some locations require visual inspection to determine tank water elevation. On several occasions, tanks have been found completely drained of water, putting the City "at risk" for adequate fire suppression water flows. A modern SCADA system would allow monitoring of all water storage levels and pump station operations from the Water Treatment Plant or from home, allowing problems to be anticipated and responded to prior to reaching a critical point.

**Comments:** This would improve the overall safety and reliability of the City's water system.

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$109,000					\$109,000
	Administrative		\$5,450					\$5,450
	Contingency		\$22,890					\$22,890
								\$0
								\$0
	<b>Total</b>	\$0	\$137,340	\$0	\$0	\$0	\$0	\$137,340
<b>PROJECT FUNDING</b>	USDA		\$137,340					\$137,340
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$137,340	\$0	\$0	\$0	\$0	\$137,340

**Annual O & M:**

**Data Source:** USDA Pre application submittal

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-057

**Project Name:** Recoat Southcrest and Hot Springs Reservoirs and Replace Ritter Reservoir

**Location:** Reservoirs

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Recoat the inside and outside surfaces of the Southcrest Reservoir and Hot Springs Reservoir (2 tanks) water tanks and replace the Ritter water tank.

**Justification:** As recommended in the USDA Preliminary Engineering Report.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$374,600					\$374,600
	Architectural & Engineering		\$26,200					\$26,200
	Construction Management		\$30,000					\$30,000
	Contingencies		\$86,160					\$86,160
				\$0				\$0
	<b>Total</b>	\$0	\$516,960	\$0	\$0	\$0	\$0	\$516,960
<b>PROJECT FUNDING</b>	USDA		\$516,960					\$516,960
								\$0
								\$0
								\$0
								\$0
	<b>Total</b>	\$0	\$516,960	\$0	\$0	\$0	\$0	\$516,960

**Annual O & M:**

**Data Source:** USDA Pre application submittal and Preliminary Engineering Report.

**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-058

**Project Name:** Water Treatment Plant - 4th Filter Bed Media and Necessary Modifications

**Location:** Water Treatment Plant

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Filter media for the fourth filter bay and necessary modifications to the plant piping to connect the fourth filter bay.

**Justification:** There is currently no back-up filter, nor is there the ability to take one of the existing 3 filters off line if there is a problem as all 3 are used during peak demand periods.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction		\$484,000					\$484,000
	Architectural & Engineering		\$33,880					\$33,880
	Construction Management		\$38,720					\$38,720
	Contingencies		\$111,320					\$111,320
	<b>Total</b>		\$0	\$667,920	\$0	\$0	\$0	\$0
<b>PROJECT FUNDING</b>	USDA		\$667,920					\$667,920
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$667,920	\$0	\$0	\$0	\$0

**Annual O & M:**

**Data Source:** USDA Pre application submittal (2010 WMP Table 5.17-portion)



**City of Cloverdale  
Five Year Capital Improvement Program**

**PROJECT DATA FORM**

**Project Number:** WA-060

**Project Name:** New Wells

**Location:** To be determined

**Project Type:** Water Improvements

**Department:** Public Works

**Description:** Construction of 3 new wells.

**Justification:** To provided sufficient water capacity and General Plan build-out peak hourly demand.

**Comments:**

**Prerequisite:**

	<i>Item</i>	<i>Previous Budget</i>	<i>FY 2010-11</i>	<i>FY 2011-12</i>	<i>FY 2012-13</i>	<i>FY 2013-14</i>	<i>FY 2014 &amp; Beyond</i>	<i>Total</i>
<b>PROJECT COST</b>	Construction						\$750,000	\$750,000
	Right of Way						\$5,000	\$5,000
	Administrative/Legal						\$37,500	\$37,500
	Design (Engineering)						\$90,000	\$90,000
	Environmental						\$90,000	\$90,000
	CM & Inspection						\$37,500	\$37,500
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,010,000
<b>PROJECT FUNDING</b>	Development Impact Fees-WA						\$1,010,000	\$1,010,000
								\$0
								\$0
								\$0
	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$1,010,000

**Annual O & M:**

**Data Source:** Water System Master Plan Update 2010 (Table 5.17-portion)