

WASHOE COUNTY 5-YEAR CAPITAL IMPROVEMENT PLAN

The Capital Improvement Plan (CIP) is a five-year plan for capital improvements and includes a listing of possible project needs. The CIP generally contains capital projects that are \$100,000 or larger for assets that have a life-span of more than 1 year as part of the reporting requirements of the State and under Board of County Commissioner policies.

The entire 5-year plan includes approximately \$217.9 million in capital expenditures, while the planned expenditures for FY 12/13 totals slightly over \$58.9 million. This is \$2.2 million more than the FY11/12 planned CIP mainly due to increases in expected project expenditures from Water Recourses and Parks Capital which are restricted funding sources that can only be used for their respective purposes.

Projects in years 2-5 of the CIP are essentially presented in this document as part of our long-range capital planning process as a way to continue to keep an eye on the future capital needs of the County. To that end, this document is a planning tool and is also needed to meet the requirements of the State as part of Washoe County's FY 12/13 budget submittal as described in NRS 354.5945.

BACKGROUND

Due to fiscal challenges and limited resources, the FY 12/13 CIP is a scaled back plan and therefore, the first year of the CIP is greatly diminished from previous years. For example, the FY 07/08 adopted CIP was approximately \$282.9 million. The current proposed CIP represents a 79% reduction from that time period. Therefore the current proposed projects have a very high priority, or in the case of Parks Capital Fund projects, are projects that have special funding sources like grants or dedicated funding from local or state voter-approved initiatives.

One of the determining factors in deciding which projects to include in the CIP include the ongoing cost (or cost savings) to the operating budget. In the current plan, the known impact to operating after implementation of the first year projects is a reduction in expenditures of approximately \$200,000. This is mainly due to projects such as replacing old heating and air conditioning systems with more efficient models, reducing lease costs by moving into county-owned facilities, and various other energy conservation and preservation projects.

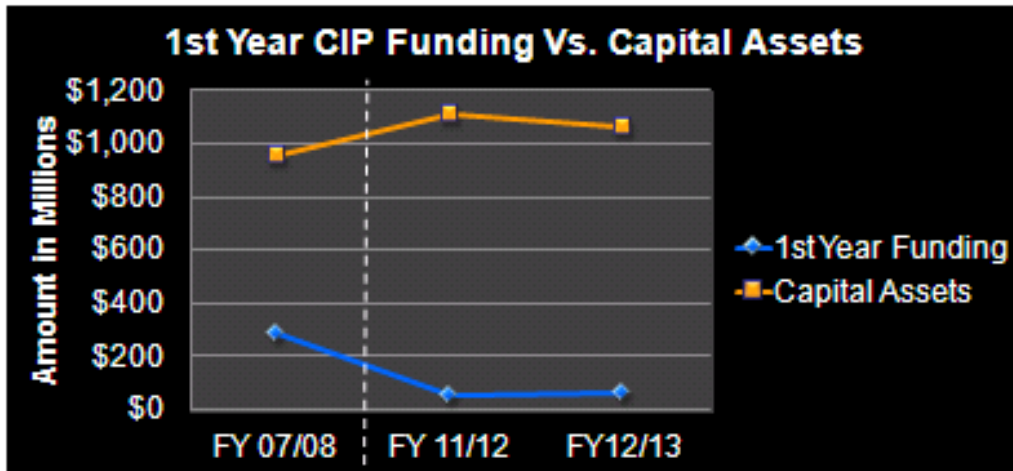
Because of the greatly diminished funding available during the last several years and based on a similar projection for near future, the CIP process has been streamlined somewhat to reflect the simplification of the plan itself. Even though funding levels for capital projects have been reduced in light of the current economic climate, the need for a comprehensive long-term capital financing and infrastructure preservation strategy is critical given the fact that the County has an investment in capital facilities of approximately \$1 billion.

Over the next five years, the CIP plan totals just under \$218 million (about \$100 million less than the previous five-year plan) with the primary sources of funding coming from dedicated sources such as Water Resources, Parks Construction, grants, voter initiatives, and possible future debt financing. The chart and information below illustrate the current state of Washoe County's CIP.



Introduction to CIP

Data	FY07/08		FY 11/12	FY 12/13
1 st Year Funding	\$282.9 Million	...	\$56.8 Million	\$59 Million
5 Year Plan	\$1.4 Billion	...	\$317 Million	\$217.9 Million
Capital Assets	\$955.6 Million	...	\$1.11 Billion	\$1.06 Billion



For FY 12/13, capital plan funding totals \$58,975,310. However, most of this money represents the continuation of projects from previous years and ongoing projects like infrastructure preservation. Some examples of these include: ongoing major maintenance (to roads, buildings, and utility infrastructure), equipment services purchases and leases, and regular replacement of currently owned technology hardware and software among others. Only \$7.1 million represents funding for new projects in FY 12/13. Some of these projects include the following:

- \$2.64 million in restricted WC-1 funds for the construction of the Ballardini Ranch Trailhead including restroom facility, parking, kiosk and signage.
- \$1.15 million to purchase a warehouse for the Registrar of Voter’s, Search and Rescue, and records retention. This purchase will save approximately \$142,000 in rent on average per year (over the next ten years). In addition, it will move sensitive materials and items out of the flood zone thereby reducing the risk of exposure due to flood.
- \$685,000 for water rehabilitation projects including: fire flow improvements to Lemmon Valley Tank #2 (\$100,000); secondary supply for Sunrise Estates (\$300,000); and FCC Radio SCADA Upgrades (\$285,000)
- \$500,000 for the replacement of the irrigation system at Ranch San Rafael Park, which was originally installed in 1982/83. The system is beyond its useful life and suffers daily failures, some of which cause facility damage and consume tremendous amount of staff time to repair. Phase I would fix the most pressing issues until future funding could be dedicated to replace the remainder of the irrigation system.

Washoe County 5-Year Capital Improvement Plan

- \$500,000 to provide a redundant microwave back up to Public Safety Answering Points (PSAPs). Currently the PSAPs are connected via underground wiring. This will provide PSAPs the ability to maintain connectivity in the event underground wiring is disrupted due to natural or manmade damage.
- \$450,000 to upgrade the HVAC system at 230 Edison. The original system is not adequate for the current needs of the building, which include a server room and other high intensity technology applications. A new HVAC system will help control the temperature for this environment and reduce the likelihood that expensive systems might overheat creating downtime in sensitive county technology and possibly the need to purchase new hardware due to early failure. In addition, it is expected to save \$11,000 per year in energy costs.
- \$425,000 to replace the roof at 75 Court Street. The current roof is approximately 18-22 years old and is beyond repair. The foam roof is now saturated with water and there is no way to get it out and reseal the roof. The best solution is a complete removal and replacement.
- \$225,000 for improvements to the Nevada playground at Lazy 5 Regional Park including surfacing.
- \$200,000 for improvements to Donovan Ranch fire flow.
- \$130,000 to rebuild the engine on one of the Sheriff's "Kiowa" helicopters. The current engine is past 1,742 hours and the manufacture and the Federal Aviation Administration specify that this particular engine should be overhauled at 1,800 hours of flight time.

Ongoing capital investment is extremely important for any government, and postponing the upkeep of infrastructure can have a compounding effect on expenditures in future years. Unfortunately, due to the current fiscal climate, the CIP has also been greatly diminished in its capacity to keep up with all requested items in this area and as such only the most critical items are being addressed.

The following tables summarize the funding sources and projects by type, followed by a list of all approved projects for the adopted 5-year CIP.

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM FISCAL YEAR 2013-2017
SUMMARY BY FUNDING SOURCE**

REVENUE SUMMARY	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Funding Source						
Ad Valorem	\$20,005,455	\$10,262,627	\$ 8,364,620	\$ 7,769,123	\$10,990,234	\$ 57,392,059
Grants	199,000	-	-	-	-	199,000
Fees and Charges	20,175,327	19,723,900	8,221,000	8,809,400	13,650,451	70,580,078
Interest Earnings	957,780	168,023	86,348	87,399	89,521	1,389,071
Gas Taxes	2,940,664	3,000,000	3,000,000	3,000,000	3,000,000	14,940,664
Bonds, Grants, and Taxes	14,697,084	8,384,052	95,512	76,098	81,781	23,334,527
Debt Financing	-	-	-	-	50,108,176	50,108,176
Total Sources	\$58,975,310	\$41,538,602	\$19,767,480	\$19,742,020	\$77,920,163	\$217,943,575

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM FISCAL YEAR 2013-2017
SUMMARY OF EXPENDITURES BY FUND**

CAPITAL FUNDS SUMMARY	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Fund						
Other Funds	\$ 5,685,592	\$ 4,020,000	\$ 4,020,000	\$ 4,020,000	\$ 4,020,000	\$ 21,765,592
Capital Improvement Fund	6,900,487	2,118,851	2,110,000	2,060,000	2,260,000	15,449,338
Parks Capital Fund	15,334,864	8,472,014	100,000	80,000	85,300	24,072,178
Capital Facilities Tax Fund	13,056,878	7,853,837	5,966,480	5,422,620	58,554,412	90,854,227
Water Resources Fund	14,137,508	17,673,900	6,171,000	6,759,400	9,677,000	54,418,808
Equipment Services Fund	3,859,981	1,400,000	1,400,000	1,400,000	3,323,451	11,383,432
Total Uses	\$58,975,310	\$41,538,602	\$19,767,480	\$19,742,020	\$77,920,163	\$217,943,575

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST**

Other Funds Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Facilities Maint. Projects	\$ 368,090	\$ 370,000	\$ 370,000	\$ 370,000	\$ 370,000	\$ 1,848,090
Electric Vehicle Project	199,000	-	-	-	-	199,000
A911 Next Gen.Phase II	346,942	-	-	-	-	346,942
Microwave Paths to PSAPs	500,000	-	-	-	-	500,000
Tech. Upgrades to the Regional P.S.T.C.	145,000	-	-	-	-	145,000
Roads Capital	2,940,664	3,000,000	3,000,000	3,000,000	3,000,000	14,940,664
Assessor Tech Fee Projects	450,000	450,000	450,000	450,000	450,000	2,250,000
District Court Expansion	535,896	-	-	-	-	535,896
Reno Justice Court Capital	200,000	200,000	200,000	200,000	200,000	1,000,000
Other Funds Total	\$ 5,685,592	\$ 4,020,000	\$ 4,020,000	\$ 4,020,000	\$ 4,020,000	\$ 21,765,592

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Capital Improvements Fund Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Admin Complex - Roof Repair	\$ 359,016	\$ -	\$ -	\$ -	\$ -	\$ 359,016
Buildings Infrastructure	443,559	-	-	-	-	443,559
Detention Security Improvements	84,344	-	-	-	-	84,344
Galena Creek / Joy Lake Bridge Scour	340,200	-	-	-	-	340,200
Longley Lane Environmental Compl.	180,900	-	-	-	-	180,900
Ground Remediation - Rancho San Rafael	165,000	-	-	-	-	165,000
Parks Infra. Preservation	258,248	118,851	260,000	260,000	260,000	1,157,099
Bartley Ranch-Maint. Garage/storage unit	-	-	200,000	-	-	200,000
Bowers Mansion Park-Repair Swimming Pool	-	-	250,000	-	-	250,000
Rancho San Rafael-GBA area water play park	-	-	-	200,000	-	200,000
Parks Facilities Key Replacement Program	-	-	-	200,000	-	200,000
Golden Valley Park-Replace Restroom	-	-	-	-	300,000	300,000
Lemmon Valley Park-Replace Restroom	-	-	-	-	300,000	300,000
VOIP Infrastructure	84,250	100,000	100,000	100,000	100,000	484,250
Application Infrastructure Replacement	715,000	900,000	300,000	300,000	300,000	2,515,000
Tech. Svcs. Infrastructure	1,071,288	725,000	725,000	725,000	725,000	3,971,288
Network Infrastructure	43,130	75,000	75,000	75,000	75,000	343,130
TS Server/Storage Infra.	850,000	200,000	200,000	200,000	200,000	1,650,000
SAD 32 SS Valley Ranches Roads	736,000	-	-	-	-	736,000
Warm Springs Project	790,500	-	-	-	-	790,500
Other Expenditures/Uses	779,052	-	-	-	-	779,052
Capital Improvements Fund Total	\$ 6,900,487	\$ 2,118,851	\$ 2,110,000	\$ 2,060,000	\$ 2,260,000	\$ 15,449,338

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Parks Capital Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Crystal Peak Park Improve.	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Undesig. Exp. District 1a	-	18,085	-	-	-	18,085
Mayberry Park Restroom	100,000	-	-	-	-	100,000
Undesig. Exp. District 1b	-	361,350	-	-	-	361,350
Callahan Park Phase I	44,000	-	-	-	-	44,000
Undesig. Exp. District 1c	-	1,706,541	-	-	-	1,706,541
Undesig. Exp. District 2a1	-	109,100	-	-	-	109,100
Undesig. Exp District 2a6	-	99,100	-	-	-	99,100
Undesig. Exp. District 2a7	-	487,500	-	-	-	487,500
Undesig. Exp. District 2a8	-	503,500	-	-	-	503,500
Undesig. Exp. District 2b	-	423,300	-	-	-	423,300
Lazy 5-NV Playground Improvements	225,000	-	-	-	-	225,000
Undesig. Exp. District 2c	-	875,800	-	-	-	875,800
Undesig. Exp. District 2d	-	81,055	-	-	-	81,055
Undesig. Exp. District 3b	-	208,100	-	-	-	208,100
Undesig. Exp. 4a Crystl Bay	-	462,400	-	-	-	462,400
IVGID Ball fields	481,842	-	-	-	-	481,842
Undesig. Exp. District 4b - IV	-	125,023	-	-	-	125,023
SQ-1 Recreation /Restoration/Land Projects	3,623,383	1,000,000	-	-	-	4,623,383
WC-1 Park Projects & Land Acquisitions	2,932,668	-	-	-	-	2,932,668
WC-1 Trails	468,583	-	-	-	-	468,583
Undesig. Exp. 404E	-	251,160	-	-	-	251,160
Ballardini Ranch Trailhead	2,643,077	-	-	-	-	2,643,077
WC-1 Bond Land Acquisitions-Washoe Valley	356,979	-	-	-	-	356,979
Huffaker Hills Trailhead	61,048	-	-	-	-	61,048

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Parks Capital Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Crystal Peak Park	71,465	-	-	-	-	71,465
Bi-State (Truckee River) Master Plan	53,000	-	-	-	-	53,000
Verdi Pond Liner	275,000	-	-	-	-	275,000
Washoe Valley Trail	175,000	-	-	-	-	175,000
Wetland Mitigation	50,000	60,000	100,000	80,000	85,300	375,300
North Valley Recreation Phase IV	2,500,000	1,700,000	-	-	-	4,200,000
Other Expenditures/Uses	1,173,819	-	-	-	-	1,173,819
Parks Capital Total	\$15,334,864	\$ 8,472,014	\$ 100,000	\$ 80,000	\$ 85,300	\$ 24,072,178

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Capital Facilities Tax Fund Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Sparks Justice Court	\$ 3,093,703	\$ -	\$ -	\$ -	\$ -	\$ 3,093,703
75 Court Street Re-Roof	425,000	-	-	-	-	425,000
230 Edison HVAC upgrade	450,000	-	-	-	-	450,000
Relocate Incline Justice Court to Service Center	50,000	460,000	-	-	-	510,000
Purchase storage warehouse	1,150,000	-	-	-	-	1,150,000
Major Non-routine Preventative Maint.	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Rancho San Rafael - Irrigation Replace. Phase I	500,000	-	-	-	-	500,000
Helicopter Engine Rebuild	130,000	-	-	-	-	130,000
Consolidation Remodel of Office Space	-	240,000	-	-	-	240,000
Electricity Upgrade at Jail	-	600,000	-	-	-	600,000
Medical Examiner Building	-	-	-	-	8,000,000	8,000,000
District Court Building	-	-	-	-	45,000,000	45,000,000
Other Expenditures/Uses	6,258,175	5,553,837	4,966,480	4,422,620	4,554,412	25,755,524
Capital Facilities Tax Fund Projects Total	\$13,056,878	\$ 7,853,837	\$ 5,966,480	\$ 5,422,620	\$58,554,412	\$ 90,854,227

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Water Resources Fund Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Water Rehab. Projects	\$ 870,000	\$ 5,717,000	\$ 1,351,000	\$ 1,186,400	\$ 100,000	\$ 9,224,400
Golden Valley Water Rights	170,000	73,000	70,000	73,000	77,000	463,000
Reclaimed Water Rehab. Projects	235,000	150,000	-	125,000	125,000	635,000
Sewer Rehab. Projects	1,250,000	9,387,900	-	1,025,000	4,225,000	15,887,900
Lemmon Valley Waste Water Treatment Plant Improvements	200,000	300,000	-	-	-	500,000
South Truckee Meadows Water Reclamation Facility- Rehab.	4,000,000	1,200,000	3,800,000	3,500,000	600,000	13,100,000
Lemmon Valley Well #6 Building Rehab.	150,000	-	-	-	-	150,000
Old Washoe Secondary Supply	200,000	-	-	-	-	200,000
Water New Construction	100,000	100,000	100,000	100,000	100,000	500,000
South Truckee Meadows Water New Construction	120,000	50,000	200,000	750,000	-	1,120,000
Spanish Springs New Water Construction	200,000	-	-	-	1,750,000	1,950,000
Arsenic Remediation New Construction	-	-	-	-	1,900,000	1,900,000
Double Diamond Tank #5	2,800,000	200,000	-	-	-	3,000,000
Creek Exchange Diversion Structures	25,000	-	-	-	-	25,000
Pleasant Valley Interceptor Reach 3A & 3B	-	-	650,000	-	800,000	1,450,000
Pleasant Valley Interceptor Reach 4	50,000	496,000	-	-	-	546,000
Spanish Springs Sewer Phase 1B	3,617,508	-	-	-	-	3,617,508
Truckee Canyon Water System Solids Mgmt.	150,000	-	-	-	-	150,000
Water Resources Fund Projects Total	\$14,137,508	\$17,673,900	\$ 6,171,000	\$ 6,759,400	\$ 9,677,000	\$ 54,418,808

**WASHOE COUNTY CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2013-2017 CONSOLIDATED PROJECT LIST CONTINUED**

Equipment Services Fund Projects	Year 1 2012/2013	Year 2 2013/2014	Year 3 2014/2015	Year 4 2015/2016	Year 5 2016/2017	Total 5 Years
Heavy Equipment Lease/Purchase	\$ 2,459,981	\$ -	\$ -	\$ -	\$ 1,923,451	\$ 4,383,432
Heavy Equipment Replacement	320,000	320,000	320,000	320,000	320,000	1,600,000
Light Equipment Replacement	1,080,000	1,080,000	1,080,000	1,080,000	1,080,000	5,400,000
Equipment Services Fund Projects Total	3,859,981	1,400,000	1,400,000	1,400,000	3,323,451	11,383,432
Total All Projects	\$58,975,310	\$41,538,602	\$19,767,480	\$19,742,020	\$77,920,163	\$217,943,575

Note: Other Expenditures/Uses include items such as: apportionment payments to other government agencies, minimal amounts remaining from old projects, and transfers to other funds.

FY12/13 Operating Budget Reconciliation to Capital Improvement Program

	(a)	(b)	(c)	(d)	(e)	(f)	(g)=(b+c+d+e+f)	
Fund	Total Capital Outlay	Capital But Doesn't Meet Threshold of CIP (\$100,000)	Capital Amounts Not Included in CIP	Less Amounts listed in CIP that are not Capital Expenditures	CIP Year One	CIP Two-Five Included in FY 12/13 Budget	Total CIP	Notes
General	\$ 423,590	\$ 55,500	\$ -	\$ -	\$ 368,090	\$ -	\$ 423,590	
Health	255,000	56,000	-	-	199,000	-	255,000	
Animal Services	80,000	80,000	-	-	-	-	80,000	
Regional Communications System	1,543,000	-	1,543,000	-	-	-	1,543,000	Amount budgeted in Capital Line items but not anticipated to be expended for capital in FY 13-17.
Child Protective Services	50,000	50,000	-	-	-	-	50,000	
Enhanced 911	751,652	(95,290)	-	-	846,942	-	751,652	
Regional Public Safety	145,000	-	-	-	145,000	-	145,000	
Roads Special Revenue Fund	2,940,664	-	-	-	2,940,664	-	2,940,664	
Other Restricted Special Revenue	1,205,896	20,000	-	-	1,185,896	-	1,205,896	
Capital Facilities Tax	9,608,661	-	-	(6,258,175)	13,056,878	2,809,958	9,608,661	
Parks Construction	23,131,041	173,819	-	(1,173,819)	15,334,864	8,796,177	23,131,041	Column (c) includes small amounts from ongoing projects and Debt payments.
Capital Improvements Fund	6,900,487	-	-	-	6,900,487	-	6,900,487	
Infrastructure	17,227,710	-	17,227,710	-	-	-	17,227,710	Flood Infrastructure Capital not included in Washoe County CIP as Flood is now it's own entity.
Building and Safety	20,000	20,000	-	-	-	-	20,000	
Water Resources	13,779,759	15,000	-	(372,749)	14,137,508	-	13,779,759	
Golf Course	90,000	90,000	-	-	-	-	90,000	
Equipment Services	1,400,000	-	-	(2,459,981)	3,859,981	-	1,400,000	Heavy Equipment Lease/Purchase not listed in State Doc as Capital but is shown in CIP.
Total	\$ 79,552,460	\$ 465,029	\$ 18,770,710	\$ (10,264,724)	\$ 58,975,310	\$ 11,606,135	\$ 79,552,460	