

Douglas County Capital Improvement Program Budget

Funded Projects Fiscal Years 2017 to 2021

Project Type and Description	Estimated Completion	PBB Quarti	Department/Program	Fund	Funding Source	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Total
County Building/Facility Capital Improvement Projects:											
China Spring Gymnasium Restroom Facility	6/30/17	1	China Spring Youth Camp	Ad Valorem Capital Projects (405)	Construction Reserves	170,000					170,000
Carpet Replacement within County Facilities	6/30/21	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Current Revenue	25,000	25,000	25,000	25,000	25,000	125,000
County Facility Parking Lots Maintenance	6/30/21	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Current Revenue	25,000	25,000	25,000	25,000	25,000	125,000
Lake Tahoe Administration Building HVAC Replacement	6/30/17	1	Public Works	Ad Valorem Capital Projects (405)	Construction Reserves	1,500,000					1,500,000
Generator Replacement JLEC Building	6/30/17	1	Public Works	Ad Valorem Cap. Projects (405), Gen. Fund (101)	Construction Reserves	650,000					650,000
Replace Fire Panel Historic Courthouse Building	6/30/21	4	Public Works - Buildings Ops./Maint.	Ad Valorem Capital Projects (405)	Construction Reserves	52,950					52,950
Total Building/Facility Projects						\$ 2,422,950	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 2,622,950
County Leisure/Enhancement Capital Improvement Projects:											
Aspen Park Asphalt/Playground	6/30/17	1	Community Services - Parks	Parks Residential Construct. Tax (420)	Construction Reserves	180,000					180,000
Brautovich Park Renovation/Dog Park	6/30/18	1	Community Services - Parks	Parks Residential Construct. Tax (420)	Construction Reserves	30,000	30,000				60,000
TLLT Maint. And Cap. Improvements	6/30/17	1	Community Services - Parks	Room Tax (234)	Dedicated Taxes	250,000					250,000
Total Leisure/Community Enhancement Projects						\$ 460,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 490,000
County Transportation Capital Improvement Projects:											
Portable Barrier Rail and Impact Attenuators	6/30/17	2	Public Works - Transportation Repair	Regional Transp. Fund (430)	Dedicated Taxes	50,000					50,000
Portable Message Boards	6/30/17	2	Public Works - Transportation Repair	Regional Transp. Fund (430)	Dedicated Taxes	50,000					50,000
Buckeye Lane Reconstruction	6/30/17	2	Public Works - Transportation Repair	Regional Transp. Fund (430)	Dedicated Taxes	1,636,640					1,636,640
Fredericksburg Road Drainage Improvements	6/30/17	2	Public Works - Transportation Repair	Regional Transp. Fund (430)	Dedicated Taxes	90,000					90,000
Martin Slough Trailhead	6/30/17	2	Community Dev. - Constr. Insp./Mgmt.	County Construct.(410), Minden, Gardnerville	Grants, Const. Res.	13,500	119,336				132,836
Mottsville Lane Reconstruction	6/30/17	2	Public Works - Transportation Repair	Regional Transportation (430)	Dedicated Taxes	2,250,000					2,250,000
Total County Transportation Projects						\$ 4,090,140	\$ 119,336	\$ -	\$ -	\$ -	\$ 4,209,476
County Utility (Water/Sewer) Capital Improvement Projects:											
James Canyon Water Line Upgrade	6/30/17	2	Public Works - Water Distribution	Carson Valley Water Utility (326)	Construction Reserves	269,000					269,000
North Valley Wastewater Treatment Plant Upgrades	6/30/19	1	Public Works - Wastewater Treatment	Sewer Utility (325)	Grants, Debt Financing	920,000	4,390,000	2,190,000			7,500,000
Sierra Country Estates Water System Improvements	6/30/17	1	Public Works - Water Supply/Treatment	Carson Valley Water Utility (326)	Grants, Const. Res., Debt	1,476,000					1,476,000
Water and Wastewater SCADA Upgrades	6/30/21	1	Public Works - Water/Sewer Treatment	Sewer (325), CV Water (326), LT Water (327)	Construction Reserves	260,000	465,000	220,000	220,000	100,000	1,265,000
West Valley Water Distribution Improvements	6/30/18	1	Public Works - Eng. Plan./Design/Const.	Carson Valley Water Utility (326)	Construction Reserves	90,000	415,000				505,000
Electric Supply for Upper Montana Tank	6/30/17	1	Public Works - Water Supply/Treatment	Carson Valley Water Utility (326)	Construction Reserves	60,000					60,000
Total Utility (Water/Sewer) Projects						\$ 3,075,000	\$ 5,270,000	\$ 2,410,000	\$ 220,000	\$ 100,000	\$ 11,075,000
County Vehicle/Large Equipment (Capital Outlay)											
County Motor Pool Vehicle Replacement	6/30/21	3	Public Works - Fleet Replacement	Motor Pool/Vehicle Maintenance (313)	Other (Motor Pool Users)	196,044	212,438	61,366	272,114	226,213	968,175
Total Capital Outlay						\$ 196,044	\$ 212,438	\$ 61,366	\$ 272,114	\$ 226,213	\$ 968,175
Town Capital Improvement Projects:											
Genoa Town Office Roof	6/30/17		Town of Genoa	Genoa Ad Val.(622), Ad Valorem Projects (405)	Construction Reserves	17,500					17,500
Total Town Projects						\$ 17,500	\$ -	\$ -	\$ -	\$ -	\$ 17,500
Total Capital Improvement Program Budget						\$ 10,261,634	\$ 5,681,774	\$ 2,521,366	\$ 542,114	\$ 376,213	\$ 19,383,101

**Douglas County
Capital Improvement Program
Planned Projects 2017 - 2021**

Project Type and Description	Estimated Completion	PBB Quartile	Department - Program	Fund	Funding Source	Planned projects are currently unfunded, or pending funding (e.g. grant awards), and subject to change. The Board of County Commissioners approves planned projects as funding becomes available through the budget amendment process.					
						FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Total
Airport Capital Improvement Projects:											
Airfield Lighting	6/30/17	1	Maintenance - Air	Airport Fund (204)	Grant and Other	586,687					586,687
Eastside Glider Staging Area Design	6/30/17	1	Maintenance - Air	Airport Fund (204)	Grant and Other	80,000					80,000
Perimeter Fencing Design and Construction	6/30/17	1	Maintenance - Air	Airport Fund (204)	Grant and Other	3,693,333					3,693,333
Eastside Glider Staging Area Construction	6/30/18	1	Maintenance - Air	Airport Fund (204)	Grant and Other		900,000				900,000
Rehabilitate RW 12/30, TW B, TW C, and TW S	6/30/18	1	Maintenance - Air	Airport Fund (204)	Grant and Other		500,000				500,000
Acquire Airfield Sweeper	6/30/18	1	Maintenance - Air	Airport Fund (204)	Grant and Other		270,000				270,000
Rehabilitate RW 16/34 (Design)	6/30/19	1	Maintenance - Air	Airport Fund (204)	Grant and Other			75,000			75,000
Rehabilitate Heavy Ramp (Design)	6/30/19	1	Maintenance - Air	Airport Fund (204)	Grant and Other			45,000			45,000
Construct Eastside Taxiway (Design)	6/30/19	1	Maintenance - Air	Airport Fund (204)	Grant and Other			90,000			90,000
Rehabilitate RW 16/34 (Construction)	6/30/20	1	Maintenance - Air	Airport Fund (204)	Grant and Other				700,000		700,000
Rehabilitate Heavy Ramp (Construction)	6/30/20	1	Maintenance - Air	Airport Fund (204)	Grant and Other				480,000		480,000
Construct Eastside Taxiway (Construction)	6/30/20	1	Maintenance - Air	Airport Fund (204)	Grant and Other				2,000,000		2,000,000
Rehabilitate Northwest Ramp (Design)	6/30/21	1	Maintenance - Air	Airport Fund (204)	Grant and Other					95,000	95,000
Utility/Fire Suppression Analysis (Design)	6/30/21	1	Maintenance - Air	Airport Fund (204)	Grant and Other					100,000	100,000
Construct SRE Building (Design and Construction)	6/30/21	1	Maintenance - Air	Airport Fund (204)	Grant and Other					450,000	450,000
Total Airport Projects						\$ 4,360,020	\$ 1,670,000	\$ 210,000	\$ 3,180,000	\$ 645,000	\$ 10,065,020
County Building/Facility Capital Improvement Projects:											
Minden Inn Rooftop HVAC Replacement	6/30/18	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves		200,000				200,000
Valley Library HVAC Replacement	6/30/18	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves		200,000				200,000
County Warehouse Rooftop HVAC Replacement	6/30/18	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves		18,000				18,000
Lake Tahoe Administration Building Boiler Replacement	6/30/19	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves			100,000			100,000
Judicial & Law Enforcement Center Boiler Replacement	6/30/19	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves			100,000			100,000
Judicial & Law Enforcement Center Roof Replacement	6/30/19	1	Public Works - Buildings Ops./Maint.	County Construction (410)	Construction Reserves			150,000			150,000
Judicial Law Enforcement Center Building Project	6/30/20	1	Judicial, DA, Constable, Alt. Sent. & Sheriff	TBD	TBD	1,650,000	8,000,000	12,000,000	10,000,000		31,650,000
China Spring Construct New Kitchen and Dining Facility	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	1,600,000					1,600,000
China Spring Gym Remodel	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	2,205,000					2,205,000
China Spring Redundant Well	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	1,100,000					1,100,000
China Spring Remodel Boys Dorm	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	1,260,000					1,260,000
China Spring Remodel Girls Dorm	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	600,000					600,000
China Spring Staff Parking and Camp Security	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	500,000					500,000
Total Building/Facility Projects						\$ 8,915,000	\$ 8,418,000	\$ 12,350,000	\$ 10,000,000	\$ -	\$ 39,683,000
County Leisure/Enhancement Capital Improvement Projects:											
Aspen Water Play Park	6/30/20	1	Community Services - Parks	TBD	TBD	-		35,000	950,000		985,000
Ballfield Remetering	6/30/17	1	Community Services - Athletic Fields	TBD	TBD	30,000					30,000
Community and Senior Center enhancement	6/30/20	2	Community Services - Buildings	Tahoe Douglas Transp. Dist. (236)	Grants	-	200,000	100,000	1,200,000		1,500,000
Fairgrounds Improvements and Camping Area	6/30/21	2	Community Services - Buildings	TBD	TBD	-				8,200,000	8,200,000
Herbig Park Improvements	6/30/19	1	Community Services - Parks	TBD	Grants	-		80,000			80,000
Kahle Connection to Roundhill Bike Path	6/30/20	1	Community Services - Parks	TBD	TBD	-		50,000	800,000		850,000
Kahle Park Bleacher Walls	6/30/17	2	Community Services - Buildings	TBD	TBD	35,000					35,000
Kahle Park Sports Turf	6/30/21	1	Community Services - Athletic Fields	TBD	TBD	-				2,000,000	2,000,000
Paver pathway Replacement	6/30/21	1	Community Services - Parks	TBD	Other	10,000	10,000	10,000	10,000	10,000	50,000
Pony Express Trail phase I	6/30/21	1	Community Services - Parks	TBD	Grants	-				320,000	320,000
River Parks	6/30/19	1	Community Services - Parks	TBD	Grants	-	300,000	300,000		300,000	900,000
Topaz Lake Campground improvements	6/30/21	1	Community Services - Parks	TBD	Grants				80,000	1,500,000	1,580,000
Zephyr Cove & Kahle Play Equipment	6/30/19	1	Community Services - Parks	TBD	Grants	-	120,000	120,000			240,000
Total Leisure/Community Enhancement Projects						\$ 75,000	\$ 630,000	\$ 695,000	\$ 3,040,000	\$ 12,330,000	\$ 16,770,000
County Flood Control/Storm Drainage Capital Improvement Projects:											
Martin Slough/US 395 Culvert Expansion	6/30/18	2	Community Dev. - Constr. Insp./Mgmt.	County Construction (410)	Ded. Taxes, Grants, Other		1,189,558				1,189,558
State Route 88 Flood Mitigation Project	6/30/20	2	Community Dev. - Constr. Insp./Mgmt.	County Construction (410)	Dedicated Taxes, Grants, Other	50,500	2,086,000			-	2,136,500
Site Improvements - Storm Drainage and Flooding Control	6/30/17	1	China Spring Youth Camp - Facilities	China Spring (242)	TBD	1,000,000					1,000,000
Total Flood Control/Storm Drainage Projects						\$ 1,050,500	\$ 3,275,558	\$ -	\$ -	\$ -	\$ 4,326,058

**Douglas County
Capital Improvement Program
Planned Projects 2017 - 2021**

Project Type and Description	Estimated Completion	PBB Quartile	Department - Program	Fund	Funding Source	Planned projects are currently unfunded, or pending funding (e.g. grant awards), and subject to change. The Board of County Commissioners approves planned projects as funding becomes available through the budget amendment process.					
						FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Total
County Technology Capital Improvement Projects:											
911 Radio Console Replacement	6/30/17	1	911 Emergency Services - Dispatch	County Const. (410), 911 Emerg. (255)	Construction Reserves	150,000	150,000	150,000	150,000	150,000	750,000
Wireless Key Security Card Access			Technology Services	TBD	TBD	33,000	800	900	1,000	1,100	36,800
Total County Technology Projects						\$ 183,000	\$ 150,800	\$ 150,900	\$ 151,000	\$ 151,100	\$ 786,800
County Transportation Capital Improvement Projects:											
Centerville Lane Reconstruction	6/30/18	2	Public Works - Transportation Repair	Regional Transportation (430)	Ded. Taxes, Debt Financing	-	2,110,000				2,110,000
Dresslerville Road Reconstruction	6/30/20	2	Public Works - Transportation Repair	Regional Transportation (430)	Debt Financing	-			1,200,000		1,200,000
Jacks Valley Road Reconstruction - Phase 2	6/30/18	2	Public Works - Transportation Repair	Regional Transportation (430)	Debt Financing	-	4,406,000				4,406,000
Johnson Lane Reconstruction	6/30/20	2	Public Works - Transportation Repair	Regional Transportation (430)	Debt Financing	-			2,200,000		2,200,000
Martin Slough Multi Modal Path	6/30/19	2	Community Dev. - Constr. Insp./Mgmt.	TBD	Dedicated Taxes, Other	82,373	690,600	13,528			786,501
Rehabilitation Projects	6/30/21	2	Public Works - Transportation Repair	Regional Transportation (430)	Dedicated Taxes	-			1,000,000	1,000,000	2,000,000
Road Maintenance Equipment Replacement	6/30/21	3	Public Works - Fleet Replacement	Road Operating (232)	TBD	-	1,200,000	1,100,000	300,000	300,000	2,900,000
Waterloo Lane Reconstruction	6/30/18	2	Public Works - Transportation Repair	Regional Transportation (430)	Debt Financing	-	2,298,500				2,298,500
Total County Transportation Projects						\$ 82,373	\$ 10,705,100	\$ 1,113,528	\$ 4,700,000	\$ 1,300,000	\$ 17,901,001
County Utility (Water/Sewer) Capital Improvement Projects:											
Cave Rock- Replace Hidden Woods Tank	6/30/21	2	Public Works - Water Distribution	Lake Tahoe Water Utility (327)	Debt Financing	-				1,150,000	1,150,000
Cave Rock- Water Distribution System Improvements	6/30/21	2	Public Works - Water Distribution	Lake Tahoe Water Utility (327)	Debt Financing	-		250,000	1,250,000	3,147,000	4,647,000
Cave Rock Water System Improvements - Phase 2B	6/30/19	2	Public Works - Water Distribution	Lake Tahoe Water Utility (327)	Debt Financing	-		125,000	1,125,000	1,000,000	2,250,000
Cave Rock Water Treatment Plant - Redundant Capacity	6/30/21	1	Public Works - Water Supply	Lake Tahoe Water Utility (327)	Debt Financing	-	75,000	1,075,000			1,150,000
Skyland - Water Distribution System Improvements	6/30/21	2	Public Works - Water Distribution	Lake Tahoe Water Utility (327)	Debt Financing	-			250,000	3,250,000	3,500,000
West Valley Well	6/30/20	1	Public Works - Water Supply	Carson Valley Water Utility (326)	Construction Reserves	-			175,000	1,045,000	1,220,000
ZWUD Water Distribution System Improvements	6/30/20	2	Public Works - Water Distribution	Lake Tahoe Water Utility (327)	Debt Financing	-		200,000	1,400,000		1,600,000
ZWUD Water Treatment Plant Programmable Logic Controller	6/30/20	1	Public Works - Water Supply	Lake Tahoe Water Utility (327)	Debt Financing	-		25,000	125,000		150,000
Total Utility (Water/Sewer) Projects						-	75,000	1,675,000	4,325,000	9,592,000	15,667,000
Town Capital Improvement Projects:											
Genoa Town Hall Historic Preservation	6/30/19		Town of Genoa	Genoa Construction Reserve (624)	Grants, Construction Reserves	-		60,000			60,000
Total Town Projects						\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000
Total Capital Improvement Program Planned Projects						\$ 14,665,893	\$ 24,924,458	\$ 16,254,428	\$ 25,396,000	\$ 24,018,100	\$ 105,258,879

DOUGLAS COUNTY CAPITAL IMPROVEMENT PROGRAM 2018-2022

Board of County Commissioners
April 20, 2017

Overview

- Capital Improvement Program (CIP) Defined
- CIP Process
- Annual CIP Budget vs.5-Year CIP Plan
- Proposed FY 2017-18 CIP Budget
- Proposed FY 2017-22 CIP Plan
- CIP Project Highlights

Capital Improvement Program Defined

- NRS 354.5945 requires annual 5-year Capital Improvement Program (CIP):
 - A Planning and Budgeting Tool
 - Identifies needed projects and improvements
 - Allows for prioritization and planning of future funding
 - A Growth Management Tool
 - Timing for projects based on Master Plan
 - Coordination of public planning (Master Plan), private development (Development Code) and public capital investment (CIP)

Master Plan	CIP	Annual Budget
20 Years	5 Years +	1 Year

Capital Improvement Program Defined

- Capital Improvements are large-scale endeavors in cost, size and benefit to the community
 - New construction of facilities and infrastructure
 - Rehabilitation, reconstruction or renovation
 - Acquisition of property and equipment
- Capital Assets are assets acquired for use in operations with a useful life of more than 1 year:
 - Land & Improvements
 - Buildings, Infrastructure & Improvements: \$50,000 or more
 - Vehicles, Machinery & Equipment: \$10,000 or more
 - Assets purchased with Federal Funds: \$5,000 or more

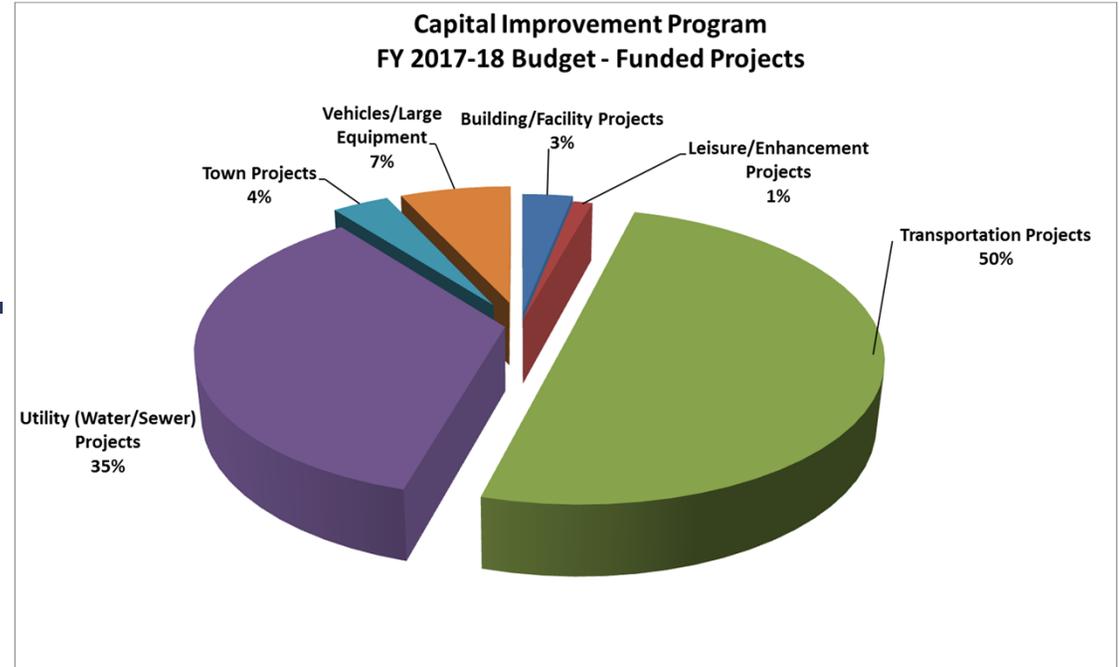
Capital Improvement Program Process

Date	Action
February – April	<ul style="list-style-type: none">• County Departments conduct Capital Improvement Program (CIP) needs assessments, project reviews and submit project planning sheets
April 20	<ul style="list-style-type: none">• Board of County Commissioners' review proposed FY 2017-18 CIP Budget and 5-Year CIP Plan
May 4	<ul style="list-style-type: none">• Board of County Commissioners' review final proposed FY 2017-18 CIP Budget and 5-Year CIP Plan
May 15	<ul style="list-style-type: none">• Board of County Commissioners adopt FY 2017-18 Budget, including CIP Budget.
June - July	<ul style="list-style-type: none">• 5 - Year CIP document prepared
August 1	<ul style="list-style-type: none">• 5-Year CIP submitted to State as required

Annual CIP Budget vs. 5 -Year CIP Plan

- **FY 2017-18 CIP “Budget”:**
 - Only includes projects with available funding
 - Board approves CIP Budget during annual budget adoption
- **FY 2018 – 2022 CIP “5-Year Plan”:**
 - Includes planned projects currently without or pending funding
 - Planned projects are subject to change
 - Board approves planned projects as funding becomes available, (e.g. prioritization of current fund available, grant awards, through the budget amendment process)

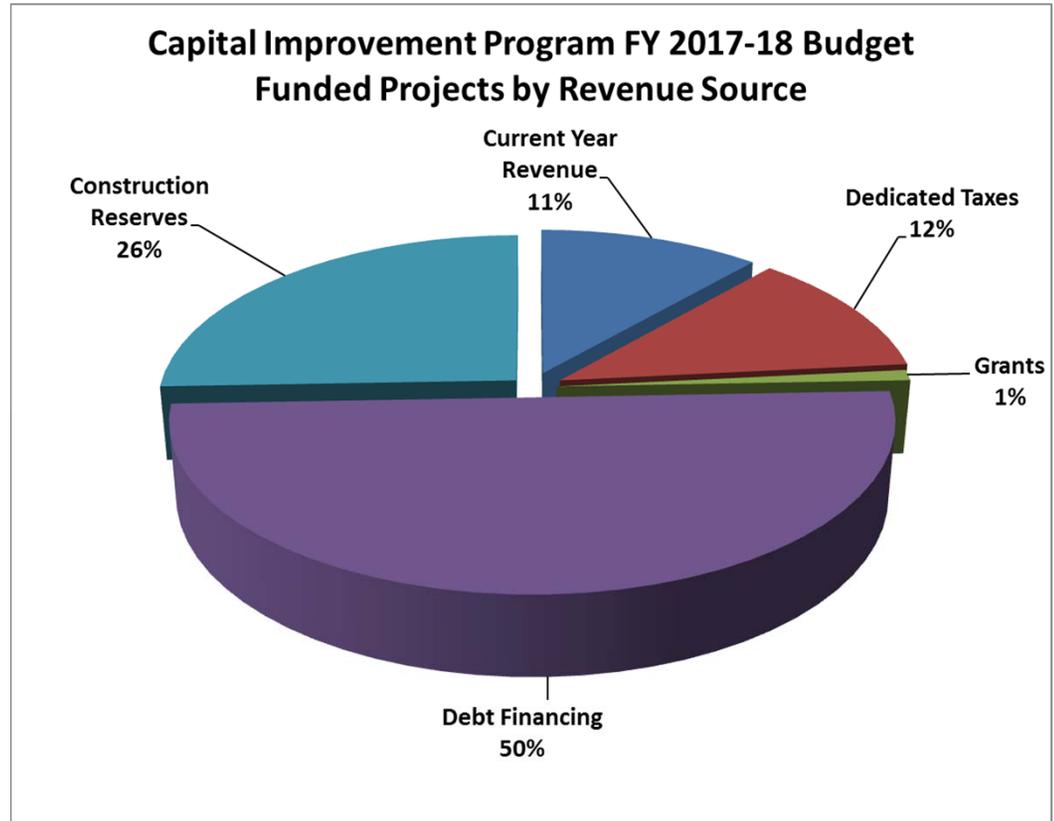
FY 2017-18 Proposed CIP Budget - Funded Projects



FY 2017-18 CIP Budget - Funded Projects

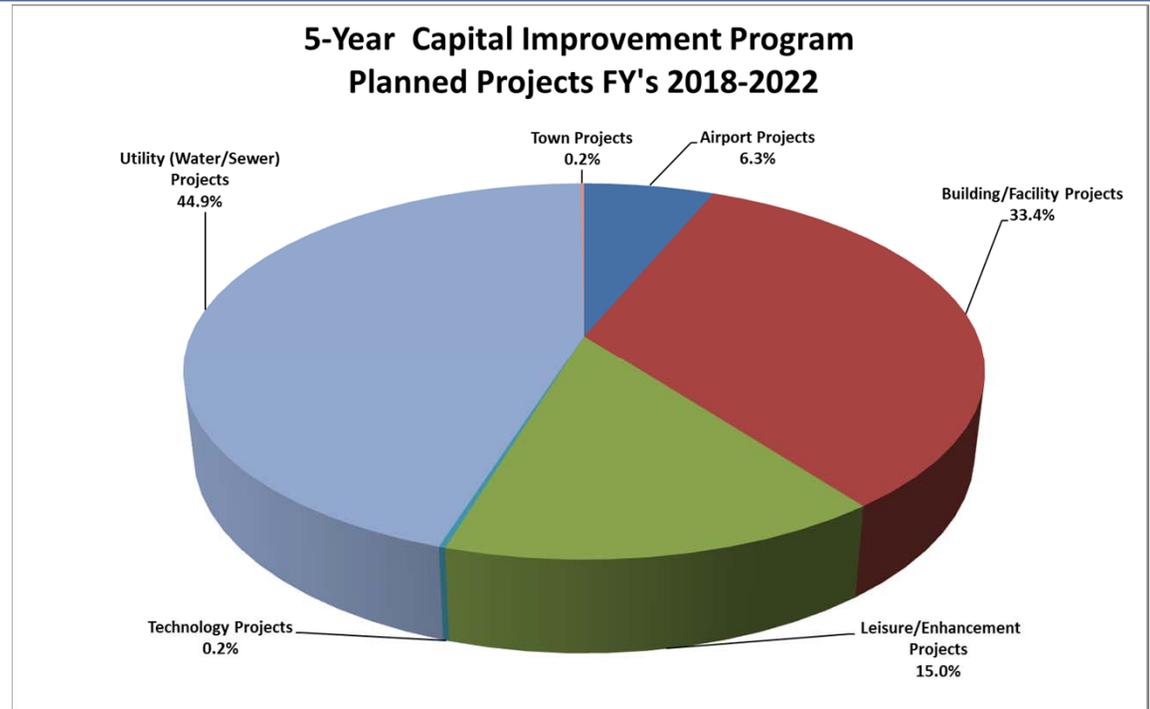
Capital Improvement Program Budget Expenses by Major Category	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Total
Projects:						
County Airport Projects	\$ 206,250	\$ -	\$ -	\$ -	\$ -	\$ 206,250
County Building/Facility Projects	635,000	605,000	310,000	280,000	280,000	2,110,000
County Leisure/Enhancement Projects	240,000	-	-	-	-	240,000
County Transportation Projects	10,231,000	6,688,500	3,290,000	1,090,000	1,140,000	22,439,500
County Utility (Water/Sewer) Projects	7,183,000	3,795,000	382,000	542,000	162,000	12,064,000
County Vehicle/Large Equipment	1,412,438	1,161,366	572,114	526,213	411,867	4,083,998
Town Projects	722,707	321,500	296,750	90,000	90,000	1,520,957
Total Projects	\$ 20,630,395	\$ 12,571,366	\$ 4,850,864	\$ 2,528,213	\$ 2,083,867	\$ 42,664,705

FY 2017-18 Proposed CIP Budget - Funded Projects by Revenue Source



FY 2017-18 CIP Budget - Funded Projects						
Capital Improvement Program Revenue by Funding Source	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Total
Current Year Revenue	\$ 2,371,707	\$ 2,026,500	\$ 906,750	\$ 670,000	\$ 670,000	\$ 6,644,957
Dedicated Taxes	2,455,000	1,090,000	1,090,000	1,090,000	1,140,000	6,865,000
Grants	206,250					206,250
Debt Financing	10,322,000	9,129,500	2,200,000			21,651,500
Construction Reserves	5,275,438	325,366	654,114	768,213	273,867	7,296,998
Other						-
Total Capital Improvement Program	\$ 20,630,395	\$12,571,366	\$4,850,864	\$2,528,213	\$2,083,867	\$42,664,705

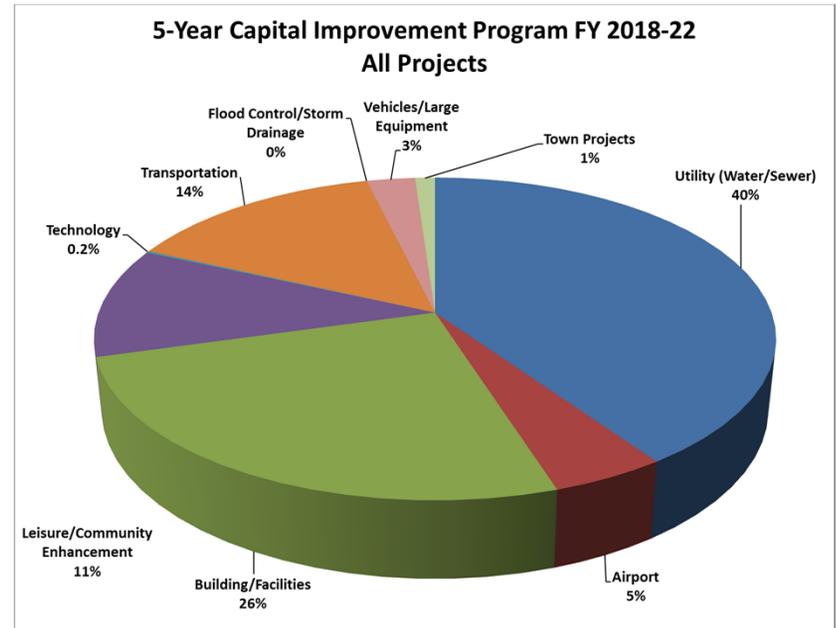
5-Year CIP Planned Projects FY's 2018-2022



5-Year CIP Planned Projects FY's 2018-2022						
Capital Improvement Program Expenses by Major Category	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Total
Projects:						
County Airport P rojects	\$ 3,093,750	\$ 210,000	\$ 3,180,000	\$ 645,000	\$ -	\$ 7,128,750
County Building/F acility P rojects	4,130,000	14,275,000	18,843,000	292,000	300,000	37,840,000
County Leisure/E nhancement P rojects	275,000	660,000	660,000	2,125,000	13,280,000	17,000,000
County Technology P rojects	228,800	5,500	6,000	6,000	6,500	252,800
County Utility (Water/S ewer) P rojects	1,068,000	5,453,000	10,476,000	15,052,000	18,849,000	50,898,000
County Vehicle/Large E quipment	94,000	-	-	-	-	94,000
Town P rojects	98,500	60,000	45,000	-	-	203,500
Total Projects	\$ 8,988,050	\$ 20,663,500	\$ 33,210,000	\$ 18,120,000	\$ 32,435,500	\$ 113,417,050

Planned projects are currently unfunded, or pending funding (board direction, grant awards), and are subject to change.

5-Year CIP – FY's 2018-2022 All Projects



Capital Improvement Program FY's 2018-2022			
Expenses by Major Category	Budget/Funded	Planned	Total
Airport Projects	\$ 206,250	\$ 7,128,750	\$ 7,335,000
Building/Facility Projects	2,110,000	37,840,000	39,950,000
Leisure/Com Enhancement Projects	240,000	17,000,000	17,240,000
Flood Control/Storm Drainage Projects	-	-	-
Technology Projects	-	252,800	252,800
Transportation Projects	22,439,500	-	22,439,500
Utility (Water/Sewer) Projects	12,064,000	50,898,000	62,962,000
Town Projects	1,520,957	203,500	1,724,457
Total Projects	38,580,707	113,323,050	151,903,757
Capital Outlay:			
Vehicles/Large Equipment	4,083,998	94,000	4,177,998
Total Capital Improvement Program	\$ 42,664,705	\$ 113,417,050	\$ 156,081,755

Airport Projects

Budgeted \$206,250:

- Rehabilitate Eastside Apron
- Rehabilitate Runway 12/30
- Airfield Sweeper

Planned \$7,128,750:

- Eastside Taxiway
- Rehabilitate Heavy Ramp and Northwest Ramp
- Rehabilitate Runway 16/34
- Construct Snow Removal Equipment Building
- Utility/Fire Suppression Analysis

Building/Facilities Projects

Budgeted and Funded: \$2,110,000

- Carpet Replacements
- Parking Lot Maintenance
- Asset Management Software
- Social Services Relocation

Planned \$37,840,000:

- Minden Inn and Library HVAC Replacements
- Lake Tahoe Admin and JLEC Buildings Boilers Replacement
- Administrative Building Roof Replacement
- JLEC Building Expansion
- Asset Management Software (future phases)
- Library projects: building expansion, carpet replacement, restroom upgrade, shelving replacement
- China Spring Youth Camp projects: redundant wall, remodel boys & girls dorms, staff parking & camp security, construction of new kitchen

Building/Facilities Projects – Asset Replacement and Maintenance Plan

Ad Valorem Capital Projects Fund:

- **Short-term (5-years):** Fund critical needs from construction reserves
- **Long-term:** Plan funding for ongoing future needs from dedicated taxes

Ad Valorem Capital Projects Fund Forecast	2017 Budget	2018 Projected	2019 Projected	2020 Projected	2021 Projected	2022 Projected
REVENUES						
Ad Valorem Taxes	1,299,747	1,293,948	1,306,887	1,319,956	1,333,156	1,346,487
Interest Revenue	10,000	10,000	10,250	10,250	10,250	10,250
Total Revenue	1,309,747	1,303,948	1,321,062	1,330,206	1,343,406	1,356,737
EXPENSES						
Capital Outlay/Projects	2,372,950	400,000	600,000	650,000	700,000	750,000
Statutory Distributions:						
Gardnerville	46,473	47,359	47,833	48,311	48,794	49,282
Genoa	1,800	1,682	1,699	1,716	1,733	1,750
Minden	44,695	45,548	46,003	46,464	46,928	47,397
Total Distributions	92,968	94,589	95,535	96,490	97,455	98,430
Transfers Out (Debt Service)	1,076,348	1,042,500	1,068,013	1,068,230	1,068,038	1,067,435
Total Expense	3,542,266	1,537,089	1,763,547	1,814,720	1,865,493	1,915,865
Beginning Fund Balance	3,490,943	1,258,424	1,425,283	1,432,798	1,448,284	1,476,197
Net Change in Fund Balance (Use of Reserves)	(\$2,232,519)	(\$233,141)	(\$442,485)	(\$484,514)	(\$522,087)	(\$559,127)
Ending Fund Balance	\$1,258,424	\$1,025,283	\$982,798	\$948,284	\$926,197	\$917,070

Leisure/Community Enhancement Projects

Budgeted and Funded \$240,000:

- TLLT Park Maintenance and Capital Improvement Projects

Planned \$17,000,000:

- Aspen Park Asphalt/Playground & Water Play Park
- Ballfield Remetering
- Brautovich Park Renovation/Dog Park
- Community and Senior Center Enhancement
- Fairgrounds Improvements and Camping Area
- Herbig Park Improvement
- Kahle Bike Path and Sports Turf
- River Pathway Replacement & River Parks
- Pony Express Trail – Phase 1
- Topaz Lake Campground Enhancements
- Zephyr Cove & Kahle Play Equipment

Technology Projects

Planned \$252,800:

- Wireless network access to Town of Garnderville
- Wireless network access to Town of Genoa
- VOIP telephone system

Transportation Projects

Budgeted and Funded \$22,439,500:

- Jacks Valley Road Reconstruction – Phase 2
- Dresslerville Road Reconstruction
- Johnson Lane Reconstruction
- Centerville Lane Reconstruction
- Waterloo Lane Reconstruction
- Mottsville Lane Reconstruction
- Public Right-Of-Way Access Improvements (ADA)
- Culvert Replacements County Wide
- Pinenut/Dump Road Reconstruction
- Road Seals & Overlay
- Signal System Upgrade
- Tillman Lane Reconstruction
- Fish Spring Flood Repair Project
- Geotech Engineering

Utility Projects (Water/ Sewer)

Budgeted and Funded \$12,064,000:

- Cave Rock Lake Intake Station Submersible Pump
- Carson Valley Water: Electric Supply for Upper Montana Tank, James Canyon Water Line Upgrade, Sierra Country Estates Water System Improvements, Replace Walley's Well, West Valley Water Distribution Improvements
- Sewer projects: North Valley Wastewater Treatment Plant Upgrades, Effluent Storage Pond Repairs, Manhole Replacement, Foothill Sewer Forced Main Repair, Sewer Assessment
- Water and Wastewater SCADA Upgrades

Planned \$50,898,000:

- North Valley Waste Water Treatment Plant Upgrades
- West Valley Well
- Cave Rock: Hidden Woods Tank, Water Distribution System and Capacity Improvements
- Uppaway Water Distribution System Improvements
- Skyland Water Distribution System Improvements
- ZWUD Water Distribution System Improvements, Redudant Well Supply, Treatment Plant Programmable Logic Replacement

Town Projects

- Budgeted and Funded \$1,520,957
 - Town of Genoa projects: Town Church Historic Preservation, Town Hall Window Historic Preservation
 - Town of Gardnerville projects: Capital improvements within right of ways & easements, Tractor Attachments, Gator, Kubota Lawn & Open Space Tractor, Vacant Land Purchase, Gardnerville Station, Refurbished Refuse Truck
 - Town of Minden projects: Lawn Mower
- Planned \$203,500
 - Town of Genoa: Town Hall Foundation Historic Preservation, Town Church Historic Preservation, Town Hall Window Historic Preservation
 - Town of Gardnerville projects: Capital improvements within right of ways & easements, Hellwinkle Barns

Questions?

Next Step:
Final 5-Year CIP Plan: May 4, 2017
Adopt 5-Year CIP Plan: May 15, 2017