

NORTHWEST FIRE DISTRICT

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM



FOR FISCAL YEARS ENDING
JUNE 30, 2019 – JUNE 30, 2023

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CAPITAL IMPROVEMENT PROGRAM (CIP) OVERVIEW / PROCESS

Capital Project Planning

The Northwest Fire District utilizes a formal practice to perform an annual review of the multi-year Capital Improvement Program (CIP). As a primary management decision making tool for the District, the CIP formally depicts those capital projects, be it new or replacement, that have been determined to have a high project priority. High priority capital projects are those that have been assessed to be vital in maintaining District infrastructure as well as continuing delivery of quality fire-rescue services to the community.

The District views capital expenditures at a two-tier level, that is, certain nominal capital asset expenditures will be budgeted in the normal departmental operating budget process while other types of significant capital project expenditures are to be included in the multi-year CIP.

Capital Project Definition: Through its adopted financial policies, the District has defined a capital project as one expected to have an estimated useful life greater than ten years and an estimated cost of \$30,000 or more. Capital projects include the purchase of land, construction / purchase / or major renovation of buildings, and purchase of fire-rescue equipment and vehicles. Capital projects typically have one or more of the following characteristics: (1) expenditures which take place over one or more years, requiring continuing funding sources beyond a single fiscal year; (2) various funding resources including debt; (3) a systematic acquisition over an extended period of time, and; (4) scheduled replacement of physical assets.

In conjunction with performing an annual assessment of the District's capital improvement needs, a schedule is updated annually for the replacement of its non-infrastructure capital assets. Asset replacement is primarily predicated on asset condition and useful life cycle. Within the funding resources available each fiscal year, the District will replace these assets according to the aforementioned schedule.



CIP OVERVIEW / PROCESS (Continued)

Although District capital projects are scheduled for a five-year plan, only those projects during the first year of the plan are adopted as part of the District's annual budget. The remaining years within the District's CIP serve as a guide for future planning and are subject to annual review and modification in subsequent years.

Capital Financing Plan

The District utilizes a combination of funding sources for financing its capital program. Primary to the District's capital plan is the establishment and maintenance of a Capital Projects Reserve Fund for the specific purpose of accumulating funds for future capital expenditures and thus maximizing the pay-as-you-go method of financing. Additional funding sources that can be utilized include outside revenues, tax levy revenues, grants, capital project fund balances, lease purchase or other debt instruments, and general obligation bonds. In conjunction with the District's annual CIP review and update, extensive analysis of funding resources is performed to ensure capital project expenditure requirements are adequately funded over the five-year plan. Given the unpredictable nature of projecting CIP project costs, project contingency costs where appropriate are included in determining total funding sources required for project completion.

Impact on the Operating Budget

Although the District prepares a separate Capital Budget from the Operating Budget, the two budgets are linked. The completion of certain capital projects is the beginning of recurring costs for the operating budget. These recurring costs can include staffing, operating, and maintenance costs associated with new facilities. Debt service payments are not included because they typically are repaid utilizing a separate levy from that which funds operations. Each individual capital project is evaluated for the impact of recurring costs on the operating budget and the calculated cost impact is included in the five-year plan. These costs are reflected on the individual capital project profiles which are contained in the CIP Project Profile Schedules in this document.



CIP OVERVIEW / PROCESS (Continued)

CIP Process

Typically, in mid-fall the District CIP process begins with the District CIP Project Officer sending out a request for potential CIP project submittals with an associated deadline. Once the deadline has passed and all potential projects have been submitted, an evaluation and scoring committee is convened to prioritize the projects. Projects are prioritized based upon the following criteria: 1) Addresses Safety Mandates, 2) Addresses Legal Mandates, 3) Aligned with Strategic Plan, 4) Long-term Value, 5) Short-term Value, 6) Enhances Service, 7) Enhances Employee Conditions, 8) Maintains Current Service Level, 9) Creates Future Budget Savings.

After prioritizing projects, the schedule and supporting documentation are forwarded to the CIP Executive Evaluation Committee for final review and prioritization. Careful analysis is made of how capital project expenditures are calculated, available funding/resource capacity, potential cost impacts on the operating budget, and financing sources to be utilized.

At this point in the process, a recommended CIP five-year plan is publicly presented to the District Fire Board for an initial review and consideration session. The primary purpose of this session is to have the District Fire Board examine CIP project priorities, expenditure outlays, funding sources, and operating budget impacts. Additional meetings may be scheduled by the District Fire Board to further discuss recommended projects and make revisions/additions based on Board priorities and public concerns. The process culminates when the Board formally adopts the Capital Improvements Program. As previously addressed, those CIP projects included in the first year of the plan are adopted as part of the Districts overall annual budget.



CIP PROJECTS OVERVIEW FY 2018 - 2019 through FY 2022 - 2023

Program/Department	Project Description	Start Date	Completion Date	Projected 5-Year Project Cost
Construction Program				
Facilities	Drainage - Fleet & Station 33	07/2018	06/2019	225,000
Facilities	Asphalt Maintenance	07/2018	06/2023	1,175,000
Facilities	Station 34 Bay Door Replacement	07/2018	06/2019	40,000
Facilities	New Facilities	07/2018	06/2020	14,110,000
	<i>Construction Program Subtotal</i>			15,550,000
Operations Program				
Fire/Rescue Services	Hose Replacement Plan	07/2018	06/2023	350,000
Fire/Rescue Services	Thermal Imaging Camera Replacement	07/2018	06/2023	200,000
Fleet Services	Vehicle Replacement Plan	07/2018	06/2023	4,425,000
EMS	Cardiac Monitors	07/2021	06/2022	1,250,000
	<i>Operations Program Subtotal</i>			6,225,000
Technology Program				
Technical Services	Radios Purchase	07/2018	06/2019	115,000
Technical Services	Tucson Mountain Wireless Link	07/2018	06/2023	240,000
Technical Services	Records Management Software	07/2018	06/2019	30,000
Technical Services	Unitrends Backup Server	07/2018	06/2019	35,000
	<i>Technology Program Subtotal</i>			420,000
CIP Projects Total				\$ 22,195,000



CIP PROJECTS EXPENDITURES SUMMARY SCHEDULE

Five-year CIP Expenditures Summary

Expenditure Category	Projected Year 1 FY 2018-19	Projected Year 2 FY 2019-20	Projected Year 3 FY 2020-21	Projected Year 4 FY 2021-22	Projected Year 5 FY 2022-23	Projected Five-year Program
Land & Improvements	\$ 260,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 400,000
Buildings & Improvements	10,110,000	3,540,000	-	-	-	13,650,000
Professional Services	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-
Equipment & Furniture	465,000	210,000	160,000	1,410,000	160,000	2,405,000
Computers & Software	65,000	-	-	-	-	65,000
Vehicles	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000
Contingency	400,000	250,000	200,000	200,000	200,000	1,250,000
Total	\$ 11,575,000	\$ 5,085,000	\$ 1,445,000	\$ 2,645,000	\$ 1,445,000	\$ 22,195,000



CIP PROJECTS FUNDING SOURCE SUMMARY SCHEDULE

Five-year CIP Summary of Funding Sources

<i>Funding Category</i>	<i>Projected Year 1 FY 2018-19</i>	<i>Projected Year 2 FY 2019-20</i>	<i>Projected Year 3 FY 2020-21</i>	<i>Projected Year 4 FY 2021-22</i>	<i>Projected Year 5 FY 2022-23</i>	<i>Projected Five-year Program</i>
District Bond Funds	\$ 10,270,000	\$ 3,590,000	\$ -	\$ -	\$ -	\$ 13,860,000
District Capital Funds	40,000	50,000	50,000	50,000	50,000	240,000
District General Funds	1,265,000	1,445,000	1,395,000	1,595,000	1,395,000	7,095,000
District Grant Funds	-	-	-	1,000,000	-	1,000,000
Total	\$ 11,575,000	\$ 5,085,000	\$ 1,445,000	\$ 2,645,000	\$ 1,445,000	\$ 22,195,000

CIP PROJECTS OPERATING BUDGET IMPACT SUMMARY SCHEDULE

<i>Funding Category</i>	<i>Projected Year 1 FY 2018-19</i>	<i>Projected Year 2 FY 2019-20</i>	<i>Projected Year 3 FY 2020-21</i>	<i>Projected Year 4 FY 2021-22</i>	<i>Projected Year 5 FY 2022-23</i>	<i>Projected Five-year Program</i>
District General Funds	\$ 1,000,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ 2,200,000



CIP PROJECT PROFILE SCHEDULES

Project Detail Profiles

The attached CIP project profiles provide the reader with detailed insight into each District CIP project included in the five-year program. In addition to providing capital expenditure details and funding source details, the individual project profiles reflect the projected impact of recurring costs on the operating budget over the five-year program.



Northwest Fire District Five-Year Capital Improvement Plan Project Profile



CIP Project Name/ID Code: Hose Replacement Plan **New** ___ **Replacement** **X** ___
Start Date: 07/2018 **End Date:** 06/2023

Project Description: Purchase hose every year over the next five years to replace old, worn out hose.

Project Justification: Achieve NFPA compliance of hose not being greater than 10 years old and thereby, improve the safety of firefighters.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	70,000	70,000	70,000	70,000	70,000	70,000	350,000	350,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	70,000	70,000	70,000	70,000	70,000	70,000	350,000	350,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	70,000	70,000	70,000	70,000	70,000	70,000	350,000	350,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	70,000	70,000	70,000	70,000	70,000	70,000	350,000	350,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	70,000	70,000	70,000	70,000	70,000	70,000	350,000	350,000

Capital Project Impact On Operating Budget										
District General Fund										
-	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Radios Purchase New Replacement
Start Date: 07/2018 **End Date:** 06/2019

Project Description: Purchase 12 handheld and 4 mobile radios. The new radios will primarily be used to outfit new crews at Station 341, although some will also replace broken radios and provide spares.

Project Justification: Properly outfit personnel and response units with communications, which are critical to safety and properly providing service to the community.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	115,000	115,000	-	-	-	-	115,000	115,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	115,000	115,000	-	-	-	-	115,000	115,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	115,000	115,000	-	-	-	-	115,000	115,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	115,000	115,000	-	-	-	-	115,000	115,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	115,000	115,000	-	-	-	-	115,000	115,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Thermal Imaging Camera Replacement New ___ Replacement X ___
Start Date: 07/2018 **End Date:** 06/2023

Project Description: Purchase of four Thermal Imaging Cameras to replace older, existing units in the District. We stagger the purchases over several years to diminish the financial impact to the District while keeping our firefighters equipped with technologically advanced, high quality equipment.

Project Justification: Safety of personnel is greatly enhanced through the use of Thermal Imaging Cameras. It also increases their efficiency and allows firefighters the ability to locate people in limited visibility situations.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	40,000	40,000	40,000	40,000	40,000	40,000	200,000	200,000

Capital Project Impact On Operating Budget										
District General Fund										
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Tucson Mountain Wireless Link New ___ Replacement X ___
Start Date: 07/2018 **End Date:** 06/2023

Project Description: Install a Ceragon microwave link at 300 Mbps between Station 30 and Tucson Mountain in FY 2018-2019. Other years reflected below include additional replacement of microwave links across the District network.

Project Justification: The current wireless link is aging and becoming less reliable. Installing a new link is crucial to effective and reliable electronic communications, while also enhancing the speed of the District network.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	40,000	40,000	50,000	50,000	50,000	50,000	240,000	240,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	40,000	40,000	50,000	50,000	50,000	50,000	240,000	240,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	40,000	40,000	50,000	50,000	50,000	50,000	240,000	240,000
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	40,000	40,000	50,000	50,000	50,000	50,000	240,000	240,000
District General Fund										
Tax Levy	-	-	-	-	-	-	-	-	-	-
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	40,000	40,000	50,000	50,000	50,000	50,000	240,000	240,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Records Management Software New Replacement
Start Date: 07/2018 **End Date:** 06/2019

Project Description: New Records Management Software that provides destruction notification, destruction of electronic records, document tracking, bar code labeling/printing, records inventory management, workflow tracking, records classification and retention, disaster recovery, etc.

Project Justification: Compliance with Arizona Law with respect to records management.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	30,000	30,000	-	-	-	-	30,000	30,000
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	30,000	30,000	-	-	-	-	30,000	30,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	30,000	30,000	-	-	-	-	30,000	30,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	30,000	30,000	-	-	-	-	30,000	30,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	30,000	30,000	-	-	-	-	30,000	30,000

Capital Project Impact On Operating Budget										
District General Fund	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Unitrends Backup Server New Replacement
Start Date: 07/2018 **End Date:** 06/2019

Project Description: Replace an existing 11 TB Unitrends Server with one that is 24 TB.

Project Justification: As the District continues to grow, network storage is becoming more of an issue. The new server will assist in alleviating this issue, while providing greater stability and efficiency to the District network.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	35,000	35,000	-	-	-	-	35,000	35,000
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	35,000	35,000	-	-	-	-	35,000	35,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	35,000	35,000	-	-	-	-	35,000	35,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	35,000	35,000	-	-	-	-	35,000	35,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	35,000	35,000	-	-	-	-	35,000	35,000

Capital Project Impact On Operating Budget										
District General Fund										
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Drainage - Fleet & Station 33 New___ Replacement X
Start Date: 07/2018 **End Date:** 06/2019

Project Description: Engineers will be used to determine appropriate grades and levels, and then contractors will make the needed changes to ensure drainage is appropriate and effective. Asphalt removal and replacement will be necessary, along with trenching.

Project Justification: This work needs to be done to correct drainage at Fleet and Station 33, which is starting to cause foundation issues. Not correcting the issue will exacerbate the foundational issues, eventually rendering the buildings uninhabitable.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	225,000	225,000	-	-	-	-	225,000	225,000
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	225,000	225,000	-	-	-	-	225,000	225,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	225,000	225,000	-	-	-	-	225,000	225,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	225,000	225,000	-	-	-	-	225,000	225,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	225,000	225,000	-	-	-	-	225,000	225,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Asphalt Maintenance New ___ Replacement X ___
Start Date: 07/2018 **End Date:** 06/2023

Project Description: Perform preventive maintenance on District parking lots to prevent further degradation of existing asphalt. Also included is a full replacement of Training Center Asphalt in five years with concrete, with a reserve being built up over the five year period.

Project Justification: Maintenance will save the District and its taxpayers money by prolonging the usefulness of the current parking surfaces and thus, keeping the District from having to pay for full replacement.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements					Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23			
Land & Improvements	-	-	35,000	35,000	35,000	35,000	35,000	35,000	35,000	175,000	175,000
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
Capital Outlay Project Totals	-	-	235,000	235,000	235,000	235,000	235,000	235,000	235,000	1,175,000	1,175,000

Capital Project Funding Source Summary											
District Bond Fund											
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-	
Bond Interest	-	-	-	-	-	-	-	-	-	-	
Sub - Total	-	-	-	-	-	-	-	-	-	-	
District Capital Fund											
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-	
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-	
Short Term Financing	-	-	-	-	-	-	-	-	-	-	
Long Term Financing	-	-	-	-	-	-	-	-	-	-	
Sub - Total	-	-	-	-	-	-	-	-	-	-	
District General Fund											
Tax Levy	-	-	235,000	235,000	235,000	235,000	235,000	235,000	235,000	1,175,000	1,175,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	235,000	235,000	235,000	235,000	235,000	235,000	235,000	1,175,000	1,175,000
District Grant Fund											
100% Match	-	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	235,000	235,000	235,000	235,000	235,000	235,000	235,000	1,175,000	1,175,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Station 34 Bay Door Replacement New Replacement
Start Date: 07/2018 **End Date:** 06/2019

Project Description: Replace existing roll up doors with new roll up doors at Station 34.

Project Justification: The existing doors are aging and continually in need of repair. Replacing the doors should improve reliability and efficiency of response, as well as reduce repair and maintenance costs.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	40,000	40,000	-	-	-	-	40,000	40,000
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	40,000	40,000	-	-	-	-	40,000	40,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	40,000	40,000	-	-	-	-	40,000	40,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	40,000	40,000	-	-	-	-	40,000	40,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	40,000	40,000	-	-	-	-	40,000	40,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Vehicle Replacement Plan New Replacement
Start Date: 07/2018 **End Date:** 06/2023

Project Description: For 2018-19, replace Asset #2509, Shop 0902 - 2008 Chevy C450 Ambulance with a new ambulance.

Project Justification: In order to maintain a safe and reliable fleet, vehicles must be replaced on a regular basis.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	275,000	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000	4,425,000
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	275,000	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000	4,425,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	275,000	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000	4,425,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	275,000	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000	4,425,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	275,000	275,000	1,050,000	1,050,000	1,000,000	1,050,000	4,425,000	4,425,000

Capital Project Impact On Operating Budget										
District General Fund										
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: New Facilities New Replacement
Start Date: 07/2018 **End Date:** 06/2020

Project Description: Construct new facilities to facilitate growth demands and maintain/increase service levels to the community. Included in the five-year plan are Stations 37 and 41, as well as a new administration facility.

Project Justification: Meet response time standards and community expectations.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	10,070,000	10,070,000	3,540,000	-	-	-	13,610,000	13,610,000
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
Capital Outlay Project Totals	-	-	10,470,000	10,470,000	3,640,000	-	-	-	14,110,000	14,110,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	10,070,000	10,070,000	3,540,000	-	-	-	13,610,000	13,610,000
Bond Interest	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
Sub - Total	-	-	10,270,000	10,270,000	3,590,000	-	-	-	13,860,000	13,860,000
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	10,470,000	10,470,000	3,640,000	-	-	-	14,110,000	14,110,000

Capital Project Impact On Operating Budget										
District General Fund										
					1,000,000	1,200,000	-	-	-	2,200,000
Capital Project Impact Funding Project Totals					1,000,000	1,200,000	-	-	-	2,200,000



**Northwest Fire District Five-Year Capital Improvement Plan
Project Profile**



CIP Project Name/ID Code: Cardiac Monitors New ___ Replacement X ___
Start Date: 07/2021 **End Date:** 06/2022

Project Description: This project would replace the District's current cardiac monitors, allowing District staff to stay current with technology and continue providing the highest level of service to residents.

Project Justification: The District currently maintains 24 Zoll X-series Heart Monitor/Defibrillators. The current monitors will be 3 years old during FY 18-19. The national average for service life of a heart monitor is between 5-7 years. The entire purchase to replace all of the District monitors is estimated to be \$1.25 Million.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2018-19 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2019-20	Year 3 FY 2020-21	Year 4 FY 2021-22	Year 5 FY 2022-23		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	1,250,000	-	1,250,000	1,250,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	-	-	-	-	1,250,000	-	1,250,000	1,250,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	-	-	-	-	250,000	-	250,000	250,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	250,000	-	250,000	250,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	1,000,000	-	1,000,000	1,000,000
Sub - Total	-	-	-	-	-	-	1,000,000	-	1,000,000	1,000,000
Capital Funding Project Totals	-	-	-	-	-	-	1,250,000	-	1,250,000	1,250,000

Capital Project Impact On Operating Budget										
District General Fund										
	-	-	-	-	-	-	-	-	-	-
Capital Project Impact Funding Project Totals	-	-	-	-	-	-	-	-	-	-

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