

NORTHWEST FIRE DISTRICT

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM



FOR FISCAL YEARS ENDING
JUNE 30, 2020 – JUNE 30, 2024

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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 \$50,000 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. Further 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 2019 - 2020 through FY 2023 - 2024

Program/Department	Project Description	Start Date	Completion Date	Projected 5-Year Project Cost
Construction Program				
Facilities	Fleet Facility Repairs	07/2019	06/2020	50,000
Facilities	Asphalt Maintenance	07/2019	06/2023	1,180,000
Facilities	HVAC Replacement	07/2019	06/2020	135,000
Facilities	New Facilities	07/2019	06/2020	5,558,000
	<i>Construction Program Subtotal</i>			6,923,000
Operations Program				
Fire/Rescue Services	Hose Replacement Plan	07/2019	06/2023	350,000
Fire/Rescue Services	Thermal Imaging Camera Replacement	07/2019	06/2023	200,000
Fire/Rescue Services	Flashover Simulator	07/2019	06/2020	61,000
Fleet Services	Vehicle Replacement Plan	07/2019	06/2023	5,025,000
EMS	Cardiac Monitors	07/2021	06/2022	1,500,000
	<i>Operations Program Subtotal</i>			7,136,000
Technology Program				
Technical Services	CAD to CAD Interface	07/2019	06/2020	100,000
Technical Services	Wireless Links	07/2019	06/2023	200,000
	<i>Technology Program Subtotal</i>			300,000
	CIP Projects Total			\$ 14,359,000



CIP PROJECTS EXPENDITURES SUMMARY SCHEDULE

Five-year CIP Expenditures Summary

<i>Expenditure Category</i>	<i>Projected Year 1 FY 2019-20</i>	<i>Projected Year 2 FY 2020-21</i>	<i>Projected Year 3 FY 2021-22</i>	<i>Projected Year 4 FY 2022-23</i>	<i>Projected Year 5 FY 2023-24</i>	<i>Projected Five-year Program</i>
Land & Improvements	\$ 40,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 180,000
Buildings & Improvements	3,000,000	1,500,000	-	-	-	4,500,000
Professional Services	50,000	-	-	-	-	50,000
Utilities	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-
Equipment & Furniture	856,000	668,000	1,410,000	160,000	160,000	3,254,000
Computers & Software	100,000	-	-	-	-	100,000
Vehicles	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000
Contingency	400,000	250,000	200,000	200,000	200,000	1,250,000
Total	\$ 5,321,000	\$ 3,503,000	\$ 2,695,000	\$ 1,395,000	\$ 1,445,000	\$ 14,359,000



CIP PROJECTS FUNDING SOURCE SUMMARY SCHEDULE

Five-year CIP Summary of Funding Sources

Funding Category	Projected Year 1 FY 2019-20	Projected Year 2 FY 2020-21	Projected Year 3 FY 2021-22	Projected Year 4 FY 2022-23	Projected Year 5 FY 2023-24	Projected Five-year Program
District Bond Funds	\$ 3,200,000	\$ 1,550,000	\$ -	\$ -	\$ -	\$ 4,750,000
District Capital Funds	350,000	50,000	50,000	50,000	50,000	550,000
District General Funds	1,771,000	1,903,000	2,645,000	1,345,000	1,395,000	9,059,000
District Grant Funds	-	-	-	-	-	-
Total	\$ 5,321,000	\$ 3,503,000	\$ 2,695,000	\$ 1,395,000	\$ 1,445,000	\$ 14,359,000

CIP PROJECTS OPERATING BUDGET IMPACT SUMMARY SCHEDULE

Funding Category	Projected Year 1 FY 2019-20	Projected Year 2 FY 2020-21	Projected Year 3 FY 2021-22	Projected Year 4 FY 2022-23	Projected Year 5 FY 2023-24	Projected Five-year Program
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: 07/2019 **End Date:** 06/2024

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)	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
	Project Actuals	Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
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: CAD to CAD Interface **New** X **Replacement** _____
Start Date: 07/2019 **End Date:** 06/2020

Project Description: The project will fund the creation of a CAD to CAD interface between the Intergraph CAD system and the County Spillman CAD system. Initial conversations with the primary PSAP's that serve calls to NWFD have occurred and the PSAP managers have shown interest in and support for this project.

Project Justification: Call processing times can be reduced with this interface by eliminating the need for multiple address confirmations in a 911 call. The address confirmation process can take up to 30 seconds to complete depending on the caller. In addition, with the ability to share call information with law enforcement, it will eliminate the "telephone game" inherent with the calls for law enforcement.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	100,000	100,000	-	-	-	-	100,000	100,000
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	100,000	100,000	-	-	-	-	100,000	100,000

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	-	-	100,000	100,000	-	-	-	-	100,000	100,000
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	100,000	100,000	-	-	-	-	100,000	100,000
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	-	-	100,000	100,000	-	-	-	-	100,000	100,000

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
Start Date: 07/2019 **End Date:** 06/2024

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)	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
	Project Actuals	Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
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: 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 4 years old during FY 19-20. 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 \$1.5 Million.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements					Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24			
Land & Improvements	-	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	250,000	250,000	-	1,250,000	-	-	1,500,000	1,500,000	
Computers & Software	-	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	250,000	250,000	-	1,250,000	-	-	1,500,000	1,500,000	

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	-	-	-	-	-	-	-	-
Bond Interest	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District Capital Fund										
Capital Reserve Fund	-	-	250,000	250,000	-	-	-	-	250,000	250,000
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	250,000	250,000	-	-	-	-	250,000	250,000
District General Fund										
Tax Levy	-	-	-	-	-	1,250,000	-	-	1,250,000	1,250,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	1,250,000	-	-	1,250,000	1,250,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	250,000	250,000	-	1,250,000	-	-	1,500,000	1,500,000

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: Flashover Simulator **New** **Replacement**
Start Date: 07/2019 **End Date:** 06/2020

Project Description: To provide safe, realistic training that will enhance fireground survivability. The primary goals of a flashover simulator are to teach firefighters to recognize the warning signs of flashover and realize the limits of their protective gear.

Project Justification: Firefighter safety.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	61,000	61,000	-	-	-	-	61,000	61,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	61,000	61,000	-	-	-	-	61,000	61,000

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	-	-	61,000	61,000	-	-	-	-	61,000	61,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	61,000	61,000	-	-	-	-	61,000	61,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	61,000	61,000	-	-	-	-	61,000	61,000

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
Start Date: 07/2019 **End Date:** 06/2024

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 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	40,000	40,000	35,000	35,000	35,000	35,000	180,000	180,000
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	1,000,000	1,000,000
Capital Outlay Project Totals	-	-	240,000	240,000	235,000	235,000	235,000	235,000	1,180,000	1,180,000

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	-	-	240,000	240,000	235,000	235,000	235,000	235,000	1,180,000	1,180,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	240,000	240,000	235,000	235,000	235,000	235,000	1,180,000	1,180,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	240,000	240,000	235,000	235,000	235,000	235,000	1,180,000	1,180,000

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: HVAC Replacement New___ Replacement X
Start Date: 07/2019 **End Date:** 06/2020
Project Description: Replace existing HVAC at Station 31.
Project Justification: As various facilities age, the replacement and repair costs on HVAC systems continue to rise. There are approximately 100 air conditioning units in the District, as well as 40+ evaporative coolers. This request specifically deals with failing units at Station 31 for 2019-20.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	35,000	35,000	100,000	-	-	-	135,000	135,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	35,000	35,000	100,000	-	-	-	135,000	135,000

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	100,000	-	-	-	135,000	135,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	35,000	35,000	100,000	-	-	-	135,000	135,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	35,000	35,000	100,000	-	-	-	135,000	135,000

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: 07/2019 **End Date:** 06/2024

Project Description: For 2019-20, purchase a new ambulance and new engine.

Project Justification: In order to maintain a safe and reliable fleet, vehicles must be replaced on a regular basis. Additionally, with the I-10 interchange project at Ruthrauff road and the opening of Station 41, these new apparatus are necessary to providing safe, reliable transportation to our community.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	875,000	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000	5,025,000
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	875,000	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000	5,025,000

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	-	-	875,000	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000	5,025,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	875,000	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000	5,025,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	875,000	875,000	1,050,000	1,050,000	1,000,000	1,050,000	5,025,000	5,025,000

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: 07/2019 **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 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	3,000,000	3,000,000	1,500,000	-	-	-	4,500,000	4,500,000
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	400,000	400,000	408,000	-	-	-	808,000	808,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
Capital Outlay Project Totals	-	-	3,600,000	3,600,000	1,958,000	-	-	-	5,558,000	5,558,000

Capital Project Funding Source Summary										
District Bond Fund										
2018 General Obligation Bonds	-	-	3,000,000	3,000,000	1,500,000	-	-	-	4,500,000	4,500,000
Bond Interest	-	-	200,000	200,000	50,000	-	-	-	250,000	250,000
Sub - Total	-	-	3,200,000	3,200,000	1,550,000	-	-	-	4,750,000	4,750,000
District Capital Fund										
Capital Reserve Fund	-	-	-	-	-	-	-	-	-	-
Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
District General Fund										
Tax Levy	-	-	400,000	400,000	408,000	-	-	-	808,000	808,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	400,000	400,000	408,000	-	-	-	808,000	808,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	3,600,000	3,600,000	1,958,000	-	-	-	5,558,000	5,558,000

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: Fleet Facility Repair New Replacement
Start Date: 07/2019 **End Date:** 06/2020

Project Description: Engineers will be used to determine appropriate remediation of shoring up Fleet Facility.

Project Justification: This work needs to be done for safety issues, which if not corrected, could eventually render the building uninhabitable.

Capital Outlay Expenditure Category	Prior FY(s) Project Actuals	Adopted FY 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	50,000	50,000	-	-	-	-	50,000	50,000
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	-	-	-	-	-	-
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	50,000	50,000	-	-	-	-	50,000	50,000

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	-	-	50,000	50,000	-	-	-	-	50,000	50,000
General Fund Fees	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	50,000	50,000	-	-	-	-	50,000	50,000
District Grant Fund										
100% Match	-	-	-	-	-	-	-	-	-	-
Less Than 100% Match	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	-	-	-	-	-	-
Capital Funding Project Totals	-	-	50,000	50,000	-	-	-	-	50,000	50,000

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: Wireless Links New Replacement
Start Date: 07/2019 **End Date:** 06/2024

Project Description: Reflected below include 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 2019-20 Expenditure			Projected Requirements				Five Year Total	Total Project
		Carry Forward	New Funds	Year 1 Total	Year 2 FY 2020-21	Year 3 FY 2021-22	Year 4 FY 2022-23	Year 5 FY 2023-24		
Land & Improvements	-	-	-	-	-	-	-	-	-	-
Buildings & Improvements	-	-	-	-	-	-	-	-	-	-
Professional Services	-	-	-	-	-	-	-	-	-	-
Utilities	-	-	-	-	-	-	-	-	-	-
Engineering & Architectural	-	-	-	-	-	-	-	-	-	-
Equipment & Furniture	-	-	-	-	50,000	50,000	50,000	50,000	200,000	200,000
Computers & Software	-	-	-	-	-	-	-	-	-	-
Vehicles	-	-	-	-	-	-	-	-	-	-
CIP Project Contingency	-	-	-	-	-	-	-	-	-	-
Capital Outlay Project Totals	-	-	-	-	50,000	50,000	50,000	50,000	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	-	-	-	-	50,000	50,000	50,000	50,000	200,000	200,000
Short Term Financing	-	-	-	-	-	-	-	-	-	-
Long Term Financing	-	-	-	-	-	-	-	-	-	-
Sub - Total	-	-	-	-	50,000	50,000	50,000	50,000	200,000	200,000
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	-	-	-	-	50,000	50,000	50,000	50,000	200,000	200,000

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