NORTHWEST FIRE DISTRICT

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FOR FISCAL YEARS ENDING JUNE 30, 2023 – JUNE 30, 2027

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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.

Northwest Fire District 5-Year Capital Improvement Plan

Project Summary

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Total
Sources						
Beginning Fund Balance	$ 2,700,400	$ 1,628,493	$ 883,391	$ 622,949	$ 471,598	
Communication contract	$ 122,124	$ 124,566	$ 127,058	$ 129,599	$ 132,191	$ 635,538
Investment income	$ -	$ -	$ -	$ -	$ -	$ -
Debt Proceeds	$ -	$ -	$ -	$ 1,300,000	$ 2,700,000	$ 4,000,000
Transfer In	$ 1,300,000	$ 1,700,000	$ 2,000,000	$ 2,200,000	$ 2,200,000	$ 9,400,000
Total Revenue	$ 1,422,124	$ 1,824,566	$ 2,127,058	$ 3,629,599	$ 5,032,191	$ 14,035,538
Total Resources	$ 4,122,524	$ 3,453,059	$ 3,010,449	$ 4,252,548	$ 5,503,789	
Uses						
HVAC Replacements	$ 143,000	$ 99,000	$ 154,000	$ 176,000	$ 143,000	$ 715,000
Roof Management	$ 191,036	$ -	$ -	$ -	$ -	$ 191,036
Station 31 remodel	$ -	$ -	$ -	$ 1,300,000	$ -	$ 1,300,000
Combine Fleet/ESC Bldg Improvement					$ 2,700,000	$ 2,700,000
Asphalt Maintenance (TXFR to Reserve)	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
Parking Lot Maintenance	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
Ladder Truck	$ -	$ 1,600,000	$ -	$ -	$ -	$ 1,600,000
Code 3 Trucks (7)	$ -	$ 110,000	$ -	$ 55,000	$ 220,000	$ 385,000
Engines (6)	$ 1,386,928		$ 1,400,000	$ 1,400,000	$ -	$ 4,186,928
Ambulances (2)	$ -	$ -	$ 283,500	$ 299,950	$ -	$ 583,450
Tender	$ -	$ -	$ -	$ -	$ 325,000	$ 325,000
Column Lifts	$ 65,628	$ -	$ -	$ -	$ -	$ 65,628
MDT Replacement	$ -	$ 160,668	$ -	$ -	$ -	$ 160,668
AV Training Equipment	$ 107,439	$ -	$ -	$ -	$ -	$ 107,439
Training Erosion	$ 50,000	$ 50,000	$ -	$ -	$ -	$ 100,000
Cardiac Monitors (TXFR to Reserve)	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 1,250,000
Total	**$ 2,494,031**	**$ 2,569,668**	**$ 2,387,500**	**$ 3,780,950**	**$ 3,938,000**	**$ 15,170,149**
Ending Fund Balance	**$ 1,628,493**	**$ 883,391**	**$ 622,949**	**$ 471,598**	**$ 1,565,789**	

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

HVAC Replacement

Project Start Date:	July	1	2022		**New**	
Project End Date:	June	30	2027		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

A plan to replace 13 HVAC units that are well over twenty years of age in the first fiscal year of the plan, and replacing an additional 52 units over the remaining four years of the CIP Plan. During the summer of 2021 air conditioning outages cost enough in repairs that several of the units in the proposal could have already been replaced. This plan will address the immediate needs of replacing failing units as well as proactively replacing units before incurring emergency repair costs. Estimated costs average $11,000 per unit.
FY22-23 (13) units located at ESC, Logistics, EMS and Station 31.
FY23-24 (9) units located at Fleet and Station 36.
FY24-25 (14) units located at Stations 35 and 38.
FY25-26 (16) units located at Stations 34, 33, and Training Building A.
FY26-27 (13) units located at Station 39, Training Buildings B and E.

DESIRED OUTCOMES:

As units reach the end of their useful life, repair frequency and costs increase. The decrease in repair cost, and the improved efficiency of newer units over the next five years will amount to a significant reduction in operating and maintenance cost to the District.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Replacement of many units has been delayed for over ten years. The District will continue to experience high maintenance costs for these units, and could experience complete unit failure which would result in emergency unbudgeted replacement costs.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Equipment & Furniture		143,000	99,000	154,000	176,000	143,000	715,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**143,000**	**99,000**	**154,000**	**176,000**	**143,000**	715,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		143,000	99,000	154,000	176,000	143,000	715,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**143,000**	**99,000**	**154,000**	**176,000**	**143,000**	**715,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Roof Management, Year 1, Stations 33, 35, and Logistics

Project Start Date:	July	1	2022		**New**	NO
Project End Date:	June	30	2023		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

During the 2021 monsoon season 12 NWFD roofs had leaks. As two of these roofs are still under warranty and being addressed, this leaves ten NWFD roofs that will leak with the next heavy rains. This CIP request is to restore 3 of 10 of these leaking roofs to a maintainable condition.
In 2021 the budget for roof maintenance and repair was $1,200. This is an inadequate sum to even maintain a single roof. The expected operational budget for roof maintenance on the number of roofs that the NWFD should be between $20,000 and $40,000 per year once all roofs are restored to a maintainable condition. (The range in the amount to properly maintained roofs once restored depends on internal staff versus contracted services.)

DESIRED OUTCOMES:

The desired outcome is that ALL NWFD roofs be restored and maintained within a roof management program. Next year's CIP process will have a second group of roofs needing to be restored, whereas the roofs that are restored in this CIP cycle will move onto the maintenance portion of the roof management program to be paid for under operational budget. The roofing proposal included an option for adding ladders to sections of roofs that are dangerous to access. This is a small but important portion of the roof maintenance CIP budget.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

More expensive roofing replacement as more damage occurs to the underlying roofing material. Damage to other building materials and the contents of the building. Potential, expensive mold remediation.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Buildings & Improvements		191,036					
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**191,036**	**-**	**-**	**-**	**-**	191,036

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE	6,000						6,000
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**6,000**	**-**	**-**	**-**	**-**	**-**	**6,000**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		191,036					191,036
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**191,036**	**-**	**-**	**-**	**-**	**191,036**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Station 31 Remodel

Project Start Date:	July	1	2024		**New**	YES
Project End Date:	June	30	2025		**Replacement**	

PROJECT DESCRIPTION & OPERATING IMPACT:

Remodel Station 31.

DESIRED OUTCOMES:

Provide a safe and performance enhancing living environment to our Firefighters. The remodel will provide private rooms with independent notification zones, and a separate area to store turnout gear.

STRATEGIC PLAN GOALS:

Other

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Buildings & Improvements					1,300,000		1,300,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	-	1,300,000	-	1,300,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
General Obligation Bonds					1,300,000		1,300,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	-	1,300,000	-	1,300,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Combine Fleet & ESC Bulding Improvement

Project Start Date:	July	1	2026		**New**	NO
Project End Date:	June	30	2027		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Project consists of Fleet expansion and consolidation of Essential Services to include Fleet, Facilities, and Warehouse/ESC. The expansion of Fleet would facilitate for multiple divisions that are tightly intertwined to be consolidated into one location. This project would improve efficiencies and workflow in Essential Services allowing for potential growth for the Division.

DESIRED OUTCOMES:

Create greater financial efficiencies and ensure financial sustainability and responsibility by consolidating all essential services functions to one location.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Failure to complete in the Strategic Plan 2022-2024 Goal 5 - Objective E. Design, develop, and propose a plan to consolidate all essential service functions to one location.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Buildings & Improvements						2,700,000	2,700,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**-**	**-**	**-**	**-**	**2,700,000**	2,700,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
General Obligation Bonds						2,700,000	2,700,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**-**	**-**	**-**	**2,700,000**	**2,700,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Asphalt Maintenance - Reserve

Project Start Date:	July	1	2022		**New**	
Project End Date:	June	30	2027		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Perform preventative maintenance on District parking lots to preserve further degradation of existing asphalt. Also included is a full replacement of Training Center asphalt within the next three years with concrete, being funded by creating a reserve over time. In Fiscal Year FY21-22 a similar Five-Year Capital Improvement Plan for Asphalt Maintenance was approved. The approved plan provided 200,000 per year for Asphalt Maintenance Reserve.

DESIRED OUTCOMES:

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.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Failure to maintain current parking surfaces will result in full replacement costs in the future. Poorly maintained parking surfaces create potential safety and liability issues.

PROJECT EXPENDITURES:	**Reserve**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
Land & Improvements	600,000	200,000	200,000	200,000	200,000	200,000	1,600,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**600,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	1,600,000

IMPACT ON OPERATING BUDGET	**Reserve**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	**Reserve**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
Capital Reserve Fund	600,000						600,000
Capital Improvement Fund		200,000	200,000	200,000	200,000	200,000	1,000,000
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**600,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**1,600,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

NWFD station/facility parking lot paving and preventative maintenance program.

Project Start Date:	July	1	2022		New	NO
Project End Date:	June	30	2023		Replacement	NO

PROJECT DESCRIPTION & OPERATING IMPACT:

The NWFD station/facility parking lot paving and preventative maintenance program will maximize the lifespan of our parking lots. Asphalt has already started degrading at numerous locations to the point of significant repairs needing to be performed immediately at multiple locations.

DESIRED OUTCOMES:

As asphalt progresses through its performance lifecycle, fine hairline cracks will spread and deepen, diminishing the appearance of the pavement. Preventative paving and maintenance will save the taxpayers a significant amount of money over the years if done prior to total degradation and replacement timeframe.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Pavement will continue to degrade and cause a larger future expense for total replacement verses maintenance. A poorly maintained parking surface creates potential safety and liability issues.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Land & Improvements		100,000	100,000	100,000	100,000	100,000	500,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	100,000	100,000	100,000	100,000	100,000	500,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		100,000	100,000	100,000	100,000	100,000	500,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	100,000	100,000	100,000	100,000	100,000	500,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase a Ladder Truck

Project Start Date:	July	1	2023		New	NO
Project End Date:	June	30	2024		Replacement	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Purchase a Ladder Truck to replace the 2005 model. Estimated cost of the Ladder Truck is $1,600,000.

DESIRED OUTCOMES:

Reduce maintenance costs and increase reliability.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles			1,600,000				1,600,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	1,600,000	-	-	-	1,600,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund			1,600,000				1,600,000
Grant Funds							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	1,600,000	-	-	-	1,600,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase seven replacement Code 3 Trucks.

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2027		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Replace seven Code 3 Trucks that are currently six to eight years old.
Estimated cost of a Code 3 Truck is $55,000. This request includes the following replacements:
Two trucks in FY23-24: (Shop #1305) 2013 Chevy Tahoe, & (Shop #1508) 2015 Ford F-150.
One truck in FY25-26: (Shop #1503) 2015 Ford F-150.
Four trucks in FY26-27: (Shop #1405) 2014 Ford F-150, (Shop #1506, #1504,#1505) 2015 Ford F-150.
Total cost of plan $385,000.

DESIRED OUTCOMES:

Reduce maintenance costs and increase reliability.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles			110,000		55,000	220,000	385,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	110,000	-	55,000	220,000	385,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund			110,000		55,000	220,000	385,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	110,000	-	55,000	220,000	385,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:						
Purchase four replacement Engines.						
Project Start Date:	July	1	2024		New	NO
Project End Date:	June	30	2026		Replacement	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Four KME Pumpers purchased in 2010 should be replaced. Estimated cost of each Engine is $700,000. This request includes the following replacements:
Two Engines in FY24-25: Engines 339 & 332.
Two Engines in FY254-26: Engines 3359 & 336.
Total cost of plan $2,800,000.

DESIRED OUTCOMES:

Reduce maintenance costs and increase reliability.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles				1,400,000	1,400,000		2,800,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	1,400,000	1,400,000	-	2,800,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund				1,400,000	1,400,000		2,800,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	1,400,000	1,400,000	-	2,800,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase of two Type I Engines from an existing HGAC or Sourcewell contract

Project Start Date:	July				**New**	NO
Project End Date:	June				**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

It is requested the two Engines be purchase for the FY 22/23 from an established HGAC or Sourcewell contract. The cost is based on our latest KME build, which was on contract. Each truck should have $693464.23 allocated for a total of $1,386,928.45. The information below is provided as a breakdown of costs with a 4 percent increase that has already taken place and a 5 percent anticipated increase. Main truck cost - $391,950.47, Published Options - $213,993.78, Unpublished Options $19,344.78, change order (previously used to account for interior door vinyl) $172.54. Other costs that should not occur the 4% and 5% price increases are: contract fee at $2000, Delivery Fee at $5500, Inspection Costs at $5,000 and taxes at 8.7% which is $55,502.66.

DESIRED OUTCOMES:

With the addition of these two trucks, we will allow for both a 2005 (Shop 0526) and 2008 (Shop 0803) frontline Engine to then go into reserve status. The additional trucks should also allow for newer trucks to be placed at Training provide a trickle down effect for trucks to become reserves and for trucks to move to surplus.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	**ADJUSTMENTS**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
Vehicles		1,386,928					1,386,928
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**1,386,928**	**-**	**-**	**-**	**-**	1,386,928

IMPACT ON OPERATING BUDGET	**ADJUSTMENTS**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	**ADJUSTMENTS**	**FY22-23**	**FY23-24**	**FY24-25**	**FY25-26**	**FY26-27**	**TOTAL**
							-
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase two replacement Ambulances

Project Start Date:	July	1	2024		**New**	NO
Project End Date:	June	30	2026		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Two Ambulances purchased in 2016 should be replaced. This request includes the following replacements:
One Ambulance in FY24-25: (Shop # 1615), estimated cost $283,500.
One Ambulance in FY254-26: (Shop #1614), estmated cost $299,950.
Total cost of plan $583,450.

DESIRED OUTCOMES:

Reduce maintenance costs and increase reliability.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles				283,500	299,950		583,450
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	**283,500**	**299,950**	-	583,450

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund				283,500	299,950		583,450
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	**283,500**	**299,950**	-	**583,450**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:						
Purchase a Tender.						
Project Start Date:	July	1	2026		New	NO
Project End Date:	June	30	2027		Replacement	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Purchase a Tender to replace the 1997 model- Shop #973. Estimated cost of the Tender is $325,000. The current truck is twenty-four years old.

DESIRED OUTCOMES:

Reduce maintenance costs and increase reliability.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Not completing this project will delay the inevitable. When we replace vehicles it is very likley that they will be even more expensive and cause the CIP dollar amount to continue to have high peaks for capital outlay. Operationally and from a Fleet maintenance prospective, we will be operating older vehicles as frontline, reserves and for the Training Division and there will be highly cost per mile which will increase line items budgets.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles						325,000	325,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	-	-	325,000	325,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund						325,000	325,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	-	-	325,000	325,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase of a cable connected, battery mobile column lift system with six columns

Project Start Date:	July	1	2022		**New**	NO
Project End Date:	September	30	2022		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

During the last CIP process it was noted that the current Gray mobile column lifts are deficient and do not allow the Technicians to efficiently lift vehicles due to ongoing sync issues between the lifts. Last year, we were able to purchase four lifts and now we are requesting an additional six column lifts. The four we currently have allows us to lift two axle apparatus and with the addition of another six we will be able to have realiable lifts for lifting three axle apparatus such as Ladders 331 and Ladder 334. The cost of the lifts is $60,375.73 plus tax for a total of $65,628.42.

DESIRED OUTCOMES:

It is recommended that six vehicle lifts be purchased from ARI-Hetra under the National Cooperative Purchasing Alliance (NCPA) Contract Number 05-57 and quote number ARI21143.

STRATEGIC PLAN GOALS:

Other

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

If unable to fullfill this request, Fleet will use the vehicles lifts purchased last year and continue to use the Gray vehicle lifts that continue to have problems. Minus a few of them that have been taken out of service, we have been able to get the lifts to work. Sometimes it is on the rare first attempt and other times is may take 5-6 times to get them to work.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Equipment & Furniture		65,628					65,628
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	65,628	-	-	-	-	65,628

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		65,628					65,628
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	65,628	-	-	-	-	65,628

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Mobile Device Terminal Replacement Program

Project Start Date:	July	1	2023		**New**	YES
Project End Date:	June	31	2024		**Replacement**	NO

PROJECT DESCRIPTION & OPERATING IMPACT:

Replace current Panasonic CF31 ToughBooks and vehicle dock with latest supported Panasonic Toughbook model and dock. Technical Services will be responsible for deploying the new MDT, applying the appropriate software image (operating system) on to the MDT and configuring the MDT to connect to the City of Tucson Dispatch system (Via vehicle cellular modem). Historically, NWFD Fleet Services has installed the vehicle mount and MDT dock along with the necessary wiring in the apparatus. The Toughbook CF-31 was released in 2012 and underwent several upgrades to the "platform". Recently it was learned that the latest Toughbook 55 platform is not compatible with the dock used be the CF31. This change in dock presents issues which are describe in the section below. Also, it is not known if the current vehicle mount will need to be replaced.

DESIRED OUTCOMES:

At project completion, the District will have consistency and uniformity with the mobile device terminals (MDT) deployed in apparatus. There will be warranty and support from the vendor, Panasonic (3 year with purchase). The newer model MDT should perform faster and be more reliable, thus lessoning down time and increasing efficiencies. The quantity of spare MDTs will be lowered with vendor support and maintenance on the new MDT, allowing for savings in funds and staffs' time.

STRATEGIC PLAN GOALS:

Develop consistent functionality and security of all IT systems

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Panasonic announced the final date of sale of the CF31 model as being April 17, 2020. New CF31s are no longer available from vendors and in time, the ability to locate reliable used CF31 models, and docks, will be difficult. With the inability to locate CF31s, the District would then need to purchase a new Panasonic Toughbook model, as well as compatible vehicle mount/dock, which will lead to a mixed MDT deployment across the District's apparatus resulting in an increase in administrative overhead to manage various MDT models (Software images and parts), increase costs to store multiple models (software, updates), and limit the ability to quickly exchange an MDT if it fails (docking station incompatibility).

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Computers & Software			160,668				160,668
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	160,668	-	-	-	160,668

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL			-	-	-		-
OPERATING & MAINTENANCE			-	-	-		-
OTHER			-	-	-		-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund			160,668				160,668
Grant Funds							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	160,668	-	-	-	160,668

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Audio and Visual Technology Upgrades at the NWFD Training Facility, Building A, Rooms 104-106

Project Start Date:	July	1	2022		**New**	
Project End Date:	July	31	2022		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Install new Audio Visual (AV) equipment in the Northwest Fire District's Training Facility Building A, Rooms 104-106, by a third party vendor who specializes in AV implementations. The AV vendor will install, configure, and provide training for the AV equipment.

DESIRED OUTCOMES:

The desired outcome of the project is to have three training rooms (Rms 104-106) in Building A, at the District's training facility outfitted with modern and easy to operate AV equipment to facilitate trainings, video conferences, etc. Worth mentioning is that external partners use, and often pay to use, the District's training facility, therefore the AV system needs to be easy to operate and support device(s) and services that those partners will utilize in the training room(s).

STRATEGIC PLAN GOALS:

Develop consistent functionality and security of all IT systems

Maximize collaboration with outside partners and stakeholders

Support and reinforce the critical functions of personnel related services

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Current audio visual equipment in use at the NWFD Training Facility Building A, Rooms 104-106, is antiquated, difficult to operate, often requires IT/Training staff present during events, and has created service calls when the equipment fails to operate or is misconfigured.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Equipment & Furniture		107,439					107,439
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**107,439**	**-**	**-**	**-**	**-**	107,439

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL	-						-
OPERATING & MAINTENANCE	-						-
OTHER	-						-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		107,439					107,439
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**107,439**	**-**	**-**	**-**	**-**	**107,439**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Training Erosion

Project Start Date:	July	1	2022		**New**	
Project End Date:	June	30	2024		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Project consists of implementing the corrections that Western Technologies identified in their investigation of the Training site. This project will implement fixes to improve storm water drainage and reduce negative effects of the erosion.

DESIRED OUTCOMES:

Improved storm water drainage to reduce erosion and protect the property from damage.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

This work needs to be done for safety issues and to avoid future building repairs.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Land & Improvements		50,000	50,000				100,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	50,000	50,000	-	-	-	100,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Improvement Fund		50,000	50,000				100,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	50,000	50,000	-	-	-	100,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Cardiac Monitors Replacement Reserves

Project Start Date:	July	1	2022		New	YES
Project End Date:	June	30	2027		Replacement	NO

PROJECT DESCRIPTION & OPERATING IMPACT:

The District currently maintains 24 Zoll X-series Heart Monitor/Defibrillators. The current monitors were 6 years old during FY210-221. The national average for service life of a heart monitor is between 5-7 years. The total expense to replace all of the Districts monitors in FY21-22 was $1,054,234. This cleared the $1,000,000 balance in the Cardiac Reserve account (FUND 450) for FY22-23. The remaining empense of $54,234 was a reduction in the CarryOver funds, ($507,000 - $54,234 =$452,766 balance in the CarryOver account.

DESIRED OUTCOMES:

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.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Outdated technology would reduce the Districts ability to provide the highest level of service to residents.

PROJECT EXPENDITURES:	Reserve	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Equipment & Furniture	-	250,000	250,000	250,000	250,000	250,000	1,250,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	250,000	250,000	250,000	250,000	250,000	1,250,000

IMPACT ON OPERATING BUDGET	Reserve	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	Reserve	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Reserve Fund	-						-
Capital Improvement Fund		250,000	250,000	250,000	250,000	250,000	1,250,000
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	250,000	250,000	250,000	250,000	250,000	1,250,000

Northwest Fire District Capital Reserve Project Summary

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Total
Sources						
Beginning Fund Balance	$ 1,161,016	$ 1,211,016	$ 1,661,016	$ 2,111,016	$ 2,561,016	
Transfer in - Cardiac Monitors	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 1,250,000
Transfer In - Asphalt replacement	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
Total Revenue	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 2,250,000
Total Resources	$ 1,611,016	$ 1,661,016	$ 2,111,016	$ 2,561,016	$ 3,011,016	
Uses						
Asphalt Maintenance	$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
Cardiac Monitors	$ -	$ -	$ -	$ -	$ -	$ -
Total	**$ 400,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 400,000**
Ending Fund Balance	**$ 1,211,016**	**$ 1,661,016**	**$ 2,111,016**	**$ 2,561,016**	**$ 3,011,016**	

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Training drive - paving improvement to concrete

Project Start Date:	July	1	2022		**New**	NO
Project End Date:	June	30	2023		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

The pavement in the Training drive is damaged and sinking. This was brought to the Facilities department as a repair request. There is a savings fund already started to for replacement of the asphalt on drives around the Training Facility. This fund presently appears to have $400,000 accumulated. (Important: There is not a proposal to include with this CIP item. Having this work completed is similar to purchasing something by the unit. $400,000 will get us about 2/3 of what we would get with $600,000.) One item to note when looking at the history of this savings is that on the "Five-year CIP Expenditures Summary" the fund tops out at $600,000. This will not be enough to pave the entire Training drive in concrete. I would recommend that the $200,000 per year be continued until the project is complete. To minimize disruption to operations we would then do a new section every two years.

DESIRED OUTCOMES:

The Training drive to be replaced would not be replaced all at once as this would be disruptive to operations. Replacing the damaged section with properly draining concrete instead of the asphalt would be a first step in changed the Training drive from asphalt to concrete. The Facilities department would like to use the initial amount saved for the Training drive to begin repaving the damaged asphalt section with concrete. At the same time we would like the savings account to continue to grow, to provide funds for subsequent sections to be replaced as funding reaches a sufficient amount to continue the work.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

All of the repair will need to be done regardless of whether it is asphalt or concrete. While the initial cost of repair with asphalt would be less, the ongoing cost will be more. (Repair in asphalt, and then again with concrete would amount to a duplication of work and cost.) From 2020 CIP doc: "The replacement of the asphalt with concrete will provides for a much stronger platform for our personnel to work on. The current asphalt has proven to not be strong enough to endure many of the typical training operations conducted at the facility.

How does this project improve public health, prevention, and emergency services? It improves all of these indirectly by allowing our personnel to have a good place to train and practice their operations.

What are the consequences of NOT completing this project? The asphalt has already degraded to the point of significant repairs being conducted in the fall of 2017. The sub surface, asphalt, and type of use will continue to lead to more degradation. This will be very costly, as well as significantly impact Training Operations for district personnel."

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Land & Improvements		400,000					400,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**400,000**	**-**	**-**	**-**	**-**	400,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE		400					400
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**400**	**-**	**-**	**-**	**-**	**400**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Capital Reserve Fund		400,000					400,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**400,000**	**-**	**-**	**-**	**-**	**400,000**

Northwest Fire District Wildland
Project Summary

	FY 22-23
Sources	
Beginning Fund Balance	$ 930,000
State Land Fires	$ 750,000
Total Revenue	$ 750,000
Total Resources	$ 1,680,000
Uses	
Type 6 Fire Engine	$ 300,000
Operating Expenses & Personnel	$ 750,000
Total	**$ 1,050,000**
Ending Fund Balance	**$ 630,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Wildland Vehicle Replacement Project

Project Start Date:	July	1	2022		**New**	
Project End Date:	June	30	2023		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Wildland vehicle replacement as funding via the Wildland Fund allows. The first vehicle that needs to be replaced is a Type 6 Fire Engine. In order to get an accurate cost estimate, the apparatus committee needs to spec the new vehicle and work with manufacturers to obtain a quote. Unfortunately, the apparatus committee does not have a meeting schedule just yet. Attached is a quote that Surprise Fire received in 2017 for a similar Type 6 Fire Engine. The quoted amount is $238,618.53. The $300,000 added to the CIP is intended to account for an increase in cost since 2017 and pay for equipment/supplies needs. Any leftover funds will roll over to the next fiscal year to help fund the next vehicle replacement.

DESIRED OUTCOMES:

The desired outcome is for a safer and more dependable wildland fleet to help us save lives and protect property from wildland and wildland-urban interface (WUI) fire incidents, both within our community and surrounding areas. Also, as a key collaborator of the Arizona Department of Forestry and Fire Management (DFFM), this project will help us better support the State and National wildland firefighting efforts.

STRATEGIC PLAN GOALS:

Maximize collaboration with outside partners and stakeholders

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

The consequences of not completing this project include apparatus unavailability, extended firefighting resource delays, and increased maintenance and repair costs. For example the Fleet Services Division anticipates repair costs for shop 0701 (Type 6 Fire Engine) of at least $20,000.00 in the next 25,000 to 50,000 miles. This estimate includes known repairs to:
Exhaust manifold
Power train control module
Diesel Particulate Filter (DPF) Sensors
Exhaust Back Pressure (EBP) Sensor
Variable Geometry Turbocharger (VGT) Actuators
Front and rear engine cover leaks

PROJECT EXPENDITURES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Vehicles		300,000					300,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**300,000**	**-**	**-**	**-**	**-**	300,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	TOTAL
Wildland Fund		300,000					300,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**300,000**	**-**	**-**	**-**	**-**	**300,000**