NORTHWEST FIRE DISTRICT

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

FOR FISCAL YEARS ENDING JUNE 30, 2024 – JUNE 30, 2028

Northwest Fire District
13535 N. Marana Main Street
Marana, AZ 85653
Phone 520-887-1010
Fax 520-887-1034
www.nwfdaz.gov

Prepared by the Capital Improvement Program Committee of Northwest Fire District

Norman K. Bradley III, Fire Chief
Scott Draper, Assistant Chief – Essential Services
Alex Sepulveda, Assistant Chief - Operations
Kim Sotomayor, Director – Business Services

TABLE OF CONTENTS

CIP Overview Process 1
- Capital Project Planning 1
- Capital Financing Plan 2
- Impact on Operating Budget 2
- CIP Process 3

CIP PROJECTS OVERVIEW CAPITAL FUND FY 24-28 4
Vehicle/Apparatus Replacement Program 5
Upgrade on KME Prepaid Truck FY22-23 (carryover) 6
Pumpers (2) FY22-23 (carryover) 7
Station 331 AC Unit Replacement FY22-23 (carryover) 8
Piechura Memorial Project FY22-23 (carryover) 9
Station 331 Remodel 10
Combine Fleet/Whse/ESC Bldg Improvement 11
MDT Replacement 12
Cardiac Monitor Replacement (Reserve) 13
SCBA Cylinder Replacement Program 14
Replacement Chest Compressors (5) 15
Pharmaceutical Dispenser for Station 337/New Amb 16
HVAC Replacement Program 17
Training - Erosion control 18
Roof Management 19
Asphalt Maintenance (Reserve) 20
Station 330 & 332 Bay Heating Improvement 21
Painting Program 22
Concrete Expansion Joint Removal and Repair 23
Burn Building Inspection and Repair 24
Fleet Building Stabilization 25
Training Drive 26
Scissor Lift 27
Interior Doors Bay Areas 28

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.

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 Five-Year Capital Improvement Plan
w/Vehicle Replacement Program

	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
SOURCES						
Beginning Fund Balance	$ 3,004,378	$ 888,650	$ 828,881	$ 868,165	$ 710,714	
Communications Contract Revenue	$ 124,323	$ 127,431	$ 130,617	$ 133,882	$ 137,229	$ 653,483
Debt Proceeds	$ 2,049,000	$ 1,349,000	$ 499,000	$ -	$ -	$ 3,897,000
Transfers In	$ 2,400,000	$ 2,400,000	$ 2,400,000	$ 2,400,000	$ 2,400,000	$ 12,000,000
Total Revenue	$ 4,573,323	$ 3,876,431	$ 3,029,617	$ 2,533,882	$ 2,537,229	$ 16,550,483
Total Sources	**$ 7,577,701**	**$ 4,765,081**	**$ 3,858,498**	**$ 3,402,047**	**$ 3,247,944**	
USES						
Vehicle/Apparatus Replacement Program	$ 1,800,000	$ 1,829,200	$ 1,100,000	$ 1,100,000	$ 1,000,000	6,829,200
Upgrade on KME Prepaid Truck (carryover)	$ 21,301	$ -	$ -	$ -	$ -	21,301
Pumpers (2) - FY22-23 (carryover)	$ 1,600,462	$ -	$ -	$ -	$ -	1,600,462
Station 331 AC Unit Replacement (carryover)	$ 20,025	$ -	$ -	$ -	$ -	20,025
Piechura Memorial Project * (carryover)	$ 57,595					
Station 31 Remodel	$ -	$ -	$ 433,333	$ 433,333	$ 433,334	1,300,000
Combine Fleet/Whse/ESC Bldg Improvement			$ -	$ -	$ 850,000	850,000
MDT Replacement	$ 160,668	$ -	$ -	$ -	$ -	160,668
Cardiac Monitor Replacement (Reserve)	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	1,250,000
SCBA Cylinder Replacement Program	$ 388,000	$ 388,000	$ 388,000	$ 388,000	$ 388,000	1,940,000
Replacement Chest Compressors (5)	$ 165,000	$ -	$ -	$ -	$ -	165,000
Pharmaceutical Dispenser for Sta 37/New Amb	$ 22,000	$ -	$ -	$ -	$ -	22,000
HVAC Replacement	$ 215,667	$ 215,667	$ 215,666	$ -	$ -	647,000
Training Erosion	$ 500,000	$ -	$ -	$ -	$ -	500,000
Roof Management	$ 200,000	$ 200,000	$ 200,000	$ -	$ -	600,000
Asphalt Maintenance (Reserve)	$ -	$ -	$ 200,000	$ 200,000	$ 200,000	600,000
Station 330 & 332 Bay Heating Improvement	$ -	$ 150,000	$ -	$ -	$ -	150,000
Painting	$ 120,000	$ 120,000	$ 120,000	$ 120,000	$ 120,000	600,000
Concrete Expansion Joint Removal and Repair	$ 83,333	$ 83,333	$ 83,334	$ -	$ -	250,000
Burn Building Inspection and Repair	$ -	$ -	$ -	$ 200,000	$ -	200,000
Fleet Building Stabilization	$ -	$ 200,000	$ -	$ -	$ -	200,000
Training Drive	$ 1,000,000	$ 500,000	$ -	$ -	$ -	1,500,000
Scissor Lift	$ 35,000	$ -	$ -	$ -	$ -	35,000
Interior Doors Bay Areas	$ 50,000	$ -	$ -	$ -	$ -	50,000
Total Uses	**$ 6,689,051**	**$ 3,936,200**	**$ 2,990,333**	**$ 2,691,333**	**$ 3,241,334**	**19,490,656**
Ending Fund Balance	$ 888,650	$ 828,881	$ 868,165	$ 710,714	$ 6,610	

* Funded through donations received

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Vehicle/Apparatus Replacement Program.

Project Start Date:	July	1	2024		**New**	NO
Project End Date:	June	30	2028		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

NWFD Vehicle/Apparatus Replacement Program.

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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
		1,800,000	1,829,200	1,100,000	1,100,000	1,000,000	6,829,200
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**1,800,000**	**1,829,200**	**1,100,000**	**1,100,000**	**1,000,000**	**6,829,200**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		1,800,000	1,829,200	1,100,000	1,100,000	1,000,000	6,829,200
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**1,800,000**	**1,829,200**	**1,100,000**	**1,100,000**	**1,000,000**	**6,829,200**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Air compressor upgrade on KME Heavy Rescue Air/Light/Rehab Truck. Carryover Capital Expenditure from FY22-23.

Project Start Date:	April	29	2022		**New**	NO
Project End Date:	November	20	2023		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

The District prepaid H&E Equipment Services for a KME Heavy Rescue Air/Light/Rehab Truck in October of 2021. In April of 2022, the Board approved $21,300.85 in additional funds to upgrade the compressor unit on this truck. This expense was not prepaid, it will be paid when the vehicle has been completed.

DESIRED OUTCOMES:

The upgraded compressor will allow the District to adequately meet the air supply demands during a large incident.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

The District will continue to experience difficulties providing suffucient air supply during large incidents.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Vehicles		21,301					21,301
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**21,301**	**-**	**-**	**-**	**-**	**21,301**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		20,301					20,301
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**20,301**	**-**	**-**	**-**	**-**	**20,301**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Purchase of two Rosenbauer FX Pumpers (Engines).

Project Start Date:	December	12	2022		**New**	NO
Project End Date:	October	30	2024		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Two pumpers for an estimated cost of $1,386,928 were included in the FY22-23 Capital Improvement Plan. Due to unanticipated historical inflation, this estimate was too low. On December 6, 2022 the Board approved a modified Capital Improvement Plan. This modification approved $1,600,462 for the purchase of these two pumpers. The anticipated delivery date is June through October of 2024.

DESIRED OUTCOMES:

With the addition of these two trucks, we will allow for both a 2005 (Shop 0526) and 2008 (Shop 0803) frontline pumper 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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Vehicles		1,600,462					1,600,462
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**1,600,462**	**-**	**-**	**-**	**-**	**1,600,462**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		1,600,462					1,600,462
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**1,600,462**	**-**	**-**	**-**	**-**	**1,600,462**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

HVAC Replacement

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2026		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Station 331 HVAC replacement PO was issued during FY2022-23 and will not be completed by June 30, 2023. This will be carried into FY2023-24 and paid from fund balance.

DESIRED OUTCOMES:

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		20,025					20,025
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	20,025	-	-	-	-	20,025

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		20,025	-	-	-	-	20,025
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	20,025	-	-	-	-	20,025

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Piechura Memorial

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

PROJECT DESCRIPTION & OPERATING IMPACT:

The S.J. Piechura Tribute Committee was established in November 2022, in an attempt to identify and implement the best way to honor Chief Piechura. The members are made up of his wife Donna, friends, and colleagues. The Jeff Piechura Committee has mutually agreed on the following: Renaming the Northwest Fire District Training Center to teh Jeff Piechura Northwest Fire District Training Center, Building a fixed, physical tribute from donations at the Training Center with NWFD receiving the donations and allocating the funds as needed for the memorial.

DESIRED OUTCOMES:

Renaming the training center to memorialize Chief Piechura's contribution to the District, and accepting donations to facilitate the contruction of the Piechura Memorial.

STRATEGIC PLAN GOALS:

Other

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

The District will be responsible for using donated funds as intended.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		57,595					57,595
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	57,595	-	-	-	-	57,595

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Donation		57,595	-	-	-	-	57,595
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	57,595	-	-	-	-	57,595

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Station 31 Remodel

Project Start Date:	July	1	2025		**New**	YES
Project End Date:	June	30	2028		**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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements				433,333	433,333	433,334	1,300,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**-**	**-**	**433,333**	**433,333**	**433,334**	1,300,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund				433,333	433,333	433,334	1,300,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**-**	**433,333**	**433,333**	**433,334**	**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	2027		**New**	NO
Project End Date:	June	30	2028		**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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements						850,000	850,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	-	-	850,000	850,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund						850,000	850,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	-	-	850,000	850,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Mobile Device Terminal Replacement Program

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

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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Computers & Software		160,668					160,668
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**160,668**	**-**	**-**	**-**	**-**	160,668

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL			-	-	-		-
OPERATING & MAINTENANCE			-	-	-		-
OTHER			-	-	-		-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		160,668					160,668
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**160,668**	**-**	**-**	**-**	**-**	**160,668**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Zoll Cardiac Monitor Replacement Plan

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2028		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Manufacturer indicates the lifespan of a Zoll Cardiac monitor is 7 years. The previous batch of monitors began experiencing issues with charging and shutting down during calls at year 6. The current Zoll X series monitors were received in 2022. Replacement of all 25 monitors would be no later than 2029.

DESIRED OUTCOMES:

Plan to replace 25 Zoll Cardiac Monitors in FY2728. Estimated cost per monitor is $45,000 each plus tax. Vendor discounted the current set of monitors by $5,000 each. This discount is not guaranteed at the time of the next purchase.

STRATEGIC PLAN GOALS:

Support and reinforce the critical functions of personnel related services

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Failure to upgrade these monitors in 5-7 years could result in monitor critical failures and the ability to maintenance and repair obsolete equipment.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	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	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
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 Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

SCBA Cylinder Replacement Program

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2028		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Plan to purchase updated equipment for the SCBA program in order to remain compliant.

DESIRED OUTCOMES:

The majority of the SCBA cylinders will expire in 2028 (331 - 45 minute cylinders and 33 - 60 minute cylinders, 7 - RIT Assembly).

STRATEGIC PLAN GOALS:

Support and reinforce the critical functions of personnel related services

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Failure to replace units will cause the District to continue to use outdated equipment and risk failure along with the ability to maintenance and repair obsolete equipment.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Equipment & Furniture		388,000	388,000	388,000	388,000	388,000	1,940,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**388,000**	**388,000**	**388,000**	**388,000**	**388,000**	1,940,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		388,000	388,000	388,000	388,000	388,000	1,940,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**388,000**	**388,000**	**388,000**	**388,000**	**388,000**	**1,940,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Stryker Lucas Thumper (Automatic CPR) Replacement

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

PROJECT DESCRIPTION & OPERATING IMPACT:

The Stryker Lucas Thumper Replacement program consists of purchasing 5 of the newest version Lucas Thumper Automatic CPR machines to replace aging equipment on the current PM's.

DESIRED OUTCOMES:

The desired outcome is to outfit all PM units with new Stryker Lucas Thumper machines. The District's current equipment is aging (8 years old) and the manufacturer recommends replacement at 7-8 years of age. The thumper at 31 is less than a year old as their old model failed due to accidental submersion and liquid contamination. It was replaced earlier in 2022. Accounting for an additional PM being placed in service, we are requsting 5 including a service agreement.

STRATEGIC PLAN GOALS:

Support and reinforce the critical functions of personnel related services

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Continuing to utilize outdated/old equipment could have the potential to experience a failure during critial times of use.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Equipment & Furniture		165,000					165,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	165,000	-	-	-	-	165,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		165,000					165,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	165,000	-	-	-	-	165,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Pharmaceutical Dispenser for Station 37 / New Ambulance

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

PROJECT DESCRIPTION & OPERATING IMPACT:

The Distict will need to purchase an additional pharmaceutical dispenser when a new ambulance is put into service at Station 337.

DESIRED OUTCOMES:

The District has determined a need for an additional ambulance at station 337. When this ambulance is put into service, the District will need to purchase a Pharmaceutical Dispenser and fill it with the initial product load out. Estimated cost of machine: $22,000, Product load in cost $9,500.

STRATEGIC PLAN GOALS:

Support and reinforce the critical functions of personnel related services

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Will not need this unit if the District does not put the ambulance in service. Currently, each station with an ambulance also has a pharmaceutical dispenser. If the dispenser is not placed at Station 337, it will be the only station with an ambulance that does not have an immediate access to a dispenser. Not supplying the station with a dispenser will cause the crews to remain out of service while restocking at Station 338 or Station 333 after every run. Unsure if there are operational/DHS/AG ramifications if this dispenser is not placed along with the ambulance.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Equipment & Furniture		22,000					22,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**22,000**	**-**	**-**	**-**	**-**	22,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE		9,500					9,500
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**9,500**	**-**	**-**	**-**	**-**	**9,500**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		22,000					22,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**22,000**	**-**	**-**	**-**	**-**	**22,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

HVAC Replacement

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2026		**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. THe plan is to replace the following units over the next 3 years.
(9) units located at Fleet and Station 36.
(14) units located at Stations 35 and 38.
(16) units located at Stations 34, 33, and Training Building A.
(13)units located at Station 39, Training Buildings B and E.
Evaluated condensing units and indoor FCUs located at Stations 30 and 32.

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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		215,667	215,667	215,666			647,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**215,667**	**215,667**	**215,666**	**-**	**-**	**647,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		215,667	215,667	215,666	-	-	647,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**215,667**	**215,667**	**215,666**	**-**	**-**	**647,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Training Erosion

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	December	31	2023		**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 improve storm water drainage and reduce negative effects of erosion. This project was budgeted for $50,000 last year but the funding was reallocated to address the erosion repair at Station 336.

DESIRED OUTCOMES:

Slow or stop damage already occuring at Training building A through improved storm water drainage. Attempting to prevent similar damage from happening at Training buildings B and E.

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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Engineering & Architectural		500,000					500,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	500,000	-	-	-	-	500,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		500,000					500,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	500,000	-	-	-	-	500,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Roof Management

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2026		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

To avoid leaking and other major repairs, roofs require regular interval maintenance. Tile roofs require removal and new paper every ten years. Asphalt roofs have a ten year life span. Elastomeric roofs should be recoated every 3 to five years, and silicone roofs require recoating every 5 to 10 years. Ideally roofs are inspected and repaired at the minimal interval. NWFD has 22 building in total. All have roofs and all require maintenance. On average performing contracted maintenance on 3 to 4 buildings makes this maintenance a schedulable process. We are still having to repair roofs, rather than maintain them. We are nearing a point where most damaged roofs will be renewed. Unfortunately we have a large number of TPO roofs that are not typically replaced, but do occassionally leak. We do not have the staffing or expertise to identify/repair suspect areas. Paying a service contract for inspection could pay for much of itself in reduced interior damage from leaking roofs.

DESIRED OUTCOMES:

Roofs do not leak, and are less expensive to maintain than to repair.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Expensive damage to interior of buildings. Increased repair costs.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		200,000	200,000	200,000			600,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**200,000**	**200,000**	**200,000**	**-**	**-**	**600,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		200,000	200,000	200,000			600,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**200,000**	**200,000**	**200,000**	**-**	**-**	**600,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Asphalt Maintenance

Project Start Date:	July	1	2025		**New**	NO
Project End Date:	June	30	2028		**Replacement**	YES

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. Pavement should be sealed every two years. Each year beyond this interval increases the cost of repairs. With 15 sites NWFD should be resealing 1/2 to 1/3 of its sites per year.

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	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Land & Improvements				200,000	200,000	200,000	600,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**-**	**-**	**200,000**	**200,000**	**200,000**	**600,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund				200,000	200,000	200,000	600,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**-**	**200,000**	**200,000**	**200,000**	**600,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Station 330 and 332 bay heating improvement

Project Start Date:	July	1	2024		**New**	NO
Project End Date:	June	30	2025		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Both stations were built with solar thermal systems that were supposed to tie into both station hot water heating and bay heating. These systems should have been separate, with the solar thermal only contributing toward pre-heating station water. This configuration decreases water temperature to the station for non-bay heating, provides insufficient heating to the bay, it is hard on equipment, and is more expensive. Station 330 has natural gas available that can be used to support radiant heaters in the bay. The water heater at this station has already failed from excessive use, and has a temporary unit. Reconfiguration of the mechanical room is required to properly replace the water heater. Station 332 does not have natural gas available. Installing either LP or electric system providing for a radiant or dedicated boiler loop is recommended.

DESIRED OUTCOMES:

Reduce runtime/wear/cost on existing system. Improve water heater performance. Improve bay heating.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Non-functioning bay heat. High utility cost. Poorly functioning hot water system.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements			150,000				150,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**-**	**150,000**	**-**	**-**	**-**	**150,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds			150,000				150,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**150,000**	**-**	**-**	**-**	**150,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Painting

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2028		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

With 20 buildings, all having both an interior and an exterior; painting is an activity that should be ongoing for an organization this size. Completing 2 or 3 exteriors per year would put buildings on a cycle that would maintain exteriors of buildings. (Paint is not only for appearance. It protects the structure it is covering.) Painting the interior of buildings is something Facilities gets frequent requests for. Unfortunately, we do not have staffing to address these requests. As a consequence most painting done by Facilities is the finish on areas that were modified or needed to be repaired for other reasons.

DESIRED OUTCOMES:

Building surfaces that do not become repair problems.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Higher maintenance cost due to degrading building surfaces. Unsightly facilities.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		120,000	120,000	120,000	120,000	120,000	600,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**	**600,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		120,000	120,000	120,000	120,000	120,000	600,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**	**600,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Concrete Expansion Joint Removal and Repair

Project Start Date:	July	1	2023		**New**	NO
Project End Date:	June	30	2025		**Replacement**	YES

PROJECT DESCRIPTION & OPERATING IMPACT:

Like roofs, pavement, and painting; joint repair is a preventative maintenance task that is ongoing. No joint repair has been done at NWFD in the past five years. The situation at station 336 originated from a lack of joint repair and erosion control. To complete all locations would cost approximately $200,000. Each year that joint repair is not done more damage occurs under the surface of concrete slabs. Stations 330, 333 and 339 have had concrete needing to be ground to allow doors to open. Water flowing through joints reaching under slabs is a major contributor to this problem.

DESIRED OUTCOMES:

Prevent buildings and slabs from sinking.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Further damage to NWFD buildings and surrounding areas.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		83,333	83,333	83,334			250,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**83,333**	**83,333**	**83,334**	**-**	**-**	**250,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		83,333	83,333	83,334			250,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**83,333**	**83,333**	**83,334**	**-**	**-**	**250,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Burn Building Inspection and Repair

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

PROJECT DESCRIPTION & OPERATING IMPACT:

In 2022 the NWFD Burn Building required the completion of a five-year structural inspection. The facility passed, but a number of structural problems were identified that need to be addressed at the next five-year cycle. This will require removal of all brick and tile linings in the burn rooms, inspection of all surfaces behind bricks and tiles, and repair of deficiencies identified at that time. This will include additional scrutiny of the floor that is delaminating under the second-floor burn room.

DESIRED OUTCOMES:

Continued operation of a safe and fully functional Burn Building for Training.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Shortened life of the Burn Building resulting in the need for more expansive repairs, a more hazardous environment, or a new Burn Building to be constructed.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements					200,000		200,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	-	-	-	200,000	-	200,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund					200,000		200,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	-	-	-	200,000	-	200,000

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Fleet Building Stabilization

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

PROJECT DESCRIPTION & OPERATING IMPACT:

The Fleet building is sinking. Measures have been taken to reduce water from further eroding the ground under the building, but the building continues to sink. This problem is making it difficult to open doors in the facility. This project will use RamJack or another building stabilization company to correct the problem. This CIP item has been delayed one year to analyze the benefit or inadquacy of measures already taken to stop or slow further sinking of the builiding. Training A is also sinking with the potential need for building stabilization as well. Performing this work at Fleet would allow us to evaluate the benefit of the service.

DESIRED OUTCOMES:

The Fleet building stops sinking. We identify a measure that works to stop the sinking at Training A as well.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Fleet and Training will continue to sink until internal infrastructure fails, causing more rapid sinking. Common resulting problems from buildings sinking include sewer leaks, roof leaks, and mold.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements			200,000				200,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**-**	**200,000**	**-**	**-**	**-**	**200,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds			200,000				200,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**-**	**200,000**	**-**	**-**	**-**	**200,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Training Drive

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

PROJECT DESCRIPTION & OPERATING IMPACT:

Lower Training drive infrastructure (entire facility,) replace supporting materials with appropriate rocks and gravel fill. Replace drive with appropriate thickness asphalt.

DESIRED OUTCOMES:

A drive that can support fire trucks.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Ongoing problems and cost to bandaid a driving surface not adequate for its application.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Land & Improvements		1,000,000	500,000				1,500,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**1,000,000**	**500,000**	**-**	**-**	**-**	**1,500,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		1,000,000	500,000				1,500,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**1,000,000**	**500,000**	**-**	**-**	**-**	**1,500,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Scissor Lift

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

PROJECT DESCRIPTION & OPERATING IMPACT:

Purchase a scissor lift and trailer. These items are needed to service high lights in the Admin entryway, relief dampers at Station 331 and 336, and bay exhaust at most stations. Used lift = $25,000. Used trailer = $10,000.

DESIRED OUTCOMES:

Proper maintenance and decreased cost in replacement of NWFD maintenance items.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Inability to service equipment and systems. Bay systems have a life safety function.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Equipment & Furniture		35,000					35,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	**-**	**35,000**	**-**	**-**	**-**	**-**	**35,000**

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	**-**	**-**	**-**	**-**	**-**	**-**	**-**

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Capital Improvement Fund		35,000					35,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	**-**	**35,000**	**-**	**-**	**-**	**-**	**35,000**

Northwest Fire District Five-Year Capital Improvement Plan
Project Profile

PROJECT NAME:

Interior Doors Bay Areas. (Turnout rooms and Ice machine access.)

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

PROJECT DESCRIPTION & OPERATING IMPACT:

Interior bay walk doors to isolate turnout rooms and to isolate ice machines from bays. 3 doors needed at station 335, 1 door needed at station 336, and 1 door needed at station 338. Five doors total. Spaces will need doors plus ventilation added for new isolated spaces.

Reduce contaminents from turnouts into other spaces. Reduce contaments from reaching ice machines.

STRATEGIC PLAN GOALS:

Create greater financial efficiencies and ensure financial sustainability and responsibility

CONSEQUENCES OF NOT COMPLETING THE PROJECT:

Continued contamination from turnouts and into ice machines.

PROJECT EXPENDITURES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
Buildings & Improvements		50,000					50,000
							-
							-
							-
							-
TOTAL PROJECT EXPENDITURES	-	50,000	-	-	-	-	50,000

IMPACT ON OPERATING BUDGET	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
PERSONNEL							-
OPERATING & MAINTENANCE							-
OTHER							-
TOTAL IMPACT ON OPERATING BUDGET	-	-	-	-	-	-	-

FINANCE USE ONLY

REVENUE SOURCES:	ADJUSTMENTS	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28	TOTAL
General Obligation Bonds		50,000					50,000
							-
							-
							-
							-
OTHER SOURCES:							-
TOTAL PROJECT REVENUES	-	50,000	-	-	-	-	50,000