



2022-2027

Citywide Capital Improvement Program

New Projects

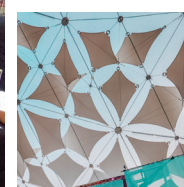


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FACILITIES MANAGEMENT

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire										
Fire Facilities: Individual Bunkroom & Nursing Room Updates (AM-2021-39)										
Matrix Rating	Needs	Justification				Executive Summary				
70	1,4,5,6,7,8,11	The traditional open dorms are riddled with privacy concerns and contribute to sleep deprivation and transmission of viruses and diseases in large open spaces. Individual, gender-neutral design is based on best practices as well as a risk management concern.				Renovate existing stations to accommodate a diverse workforce to allow men and women privacy while on the job, living, and working in the station. These areas include dorm rooms, bathrooms, locker rooms, and private nursing rooms. The separate areas will allow for individual company alerting.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$460,000	\$322,400	\$335,296	\$348,708	\$362,656	\$377,162	\$2,206,222	100%	0%
Estimated Total Project Cost: \$2,206,222										
Fire Facilities: CCB Roof Replacement (AM-2021-103)										
Matrix Rating	Needs	Justification				Executive Summary				
53	1,3,5,6,11,12	The roof is deteriorating and is in dire need of replacement. Constantly having to repair for leaks that continue to occur in areas that house critical emergency systems could impact public safety. Basic risk analysis indicates it is much better to prevent a failure rather than waiting for one to occur at this facility.				The roof at Combined Communications is original and hasn't been replaced since the building was commissioned in 2003. It is a membrane roof that cannot be roofed over and requires special considerations for removal and replacement.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$52,850	\$1,000,000	\$557,163	\$0	\$0	\$0	\$0	\$1,557,163	100%	0%
Estimated Total Project Cost: \$1,610,013										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)										
Fire Facilities: CCB UPS Replacement (AM-2021-104)										
Matrix Rating	Needs	Justification					Executive Summary			
53	1,3,5,6,11,12	The UPS (Uninterruptable Power Supply) at Combined Communications has been in continual service since the building was commissioned in 2003. Typical lifespan for a UPS is 10-15 years. The system needs to be replaced as it has aged out beyond its serviceable life and parts are no longer available. The UPS is a key component in providing clean conditioned power to critical equipment housed in this facility in addition to backup power when other power systems fail. Basic risk analysis indicates it is much better to prevent a catastrophic failure rather than waiting for one to occur that would impact critical public safety systems, service, and delivery.					The UPS (Uninterruptable Power Supply) at Combined Communications has been in continual service since 2003. The system needs to be replaced as it has surpassed its serviceable life. System failure is imminent which would impact critical public safety systems, service, and delivery.			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$50,000	\$1,200,000	\$0	\$0	\$0	\$0	\$1,250,000	100%	0%
Estimated Total Project Cost: \$1,250,000										
Fire Facilities: CCB Generator Control System Upgrade (AM-2021-105)										
Matrix Rating	Needs	Justification					Executive Summary			
48	1,3,5,6,11,12	The control system has not been updated since being put in service in 2003. This is the key component in controlling the flow of power to the building. Recent power outages at the building have revealed switch failures. Basic risk analysis indicates it is critical to prevent a failure rather than waiting for one to occur at this facility.					The generator control system at Combined Communications has been in continual service since the building was commissioned in 2003. The system is critical in controlling the path of power to the building between commercial sources and the backup generators when commercial power fails.			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	100%	0%
Estimated Total Project Cost: \$150,000										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)										
Fire Facilities: HVAC and Mechanical Systems (AM-2021-95)										
Matrix Rating	Needs	Justification				Executive Summary				
48	1,3,5,6,11,12	If we continue to defer maintenance on these items, potential damages and injuries can occur to both the public and employees at these facilities.				SFD has responsibility for 16 fire stations + 5 other facilities. All facilities have levels of repair/ replacement that need attention. This project is for the most critical needs involving HVAC work. Stations 8 & 14 were completed in 2020, Stations 16 & 17 and INHS were deferred in 2021.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$309,894	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000	100%	0%
Estimated Total Project Cost: \$449,894										
Fire Facilities: Training Center Expansion (AM-2021-77)										
Matrix Rating	Needs	Justification				Executive Summary				
141	1,2,3,4,5,7,8,9,12	The SFD has outgrown the existing footprint and capability of the Training Center. When the building was constructed initially, it was built to allow for two additional phases that would expand north with additional classrooms/cafeteria and south for restrooms and office space.				The project adds restrooms that are compliant with the Americans with Disabilities Act (ADA), staff office space, classrooms, and an expanded cafeteria area for students, meeting participants, and cadre.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$150,000	\$3,500,000	\$0	\$0	\$0	\$3,650,000	0%	100%
Estimated Total Project Cost: \$3,650,000										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)

Fire Facilities: Logistics Warehouse for Apparatus/Equipment (AM-2021-60)

Matrix Rating	Needs	Justification	Executive Summary							
135	1,2,3,4,5,7,11,12	The SFD Logistics division is a fully integrated supply chain providing procurement, inventory, distribution, and customer services. The Division could be realizing in cost-saving; via on-site warehouse space, integrated customer and courier services (e.g., uniforms, tools, PPE, uniforms, etc.) In 2020, the Logistics Division responded to over 2000 repair, replacement, and purchase orders for equipment, supplies, or services (e.g., COVID PPE). An on-site warehouse accomplishes the following strategic initiatives for SFD: Procurement reform and centralization – modernizing procurement policies, providing transparency, and centralizing purchasing functions with the larger organization. Strategic decision making –becoming an active participant with centralized services for better fiscal responsibility, budget planning, and projections. Workforce professionalization –promoting best business practices through timely and available procurements with on-hand accountability Performance measures – developing, tracking, and measuring performance and informing supply chain adjustments, and improve customer services. Regionalization – expanding relationships with agencies in the County to develop additional cooperative procurement opportunities (e.g., COVID and PPE distributions, equipment and pharmaceutical shortages, etc).	The Logistics Division has several de-centralized storage areas for apparatus, equipment, disposable supplies, and large caches. The Division is responsible for inventory management and asset tracking at the department's 16 fire stations & other Fire Department facilities.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$85,000	\$1,000,000	\$0	\$0	\$1,085,000	0%	100%
Estimated Total Project Cost: \$1,085,000										

Fire Facilities: Station 7 Renovation (AM-2021-31)

Matrix Rating	Needs	Justification				Executive Summary				
133	1,2,3,4,5,6,7,8,11,12	The station is in poor condition. Architecturally, this building is not compliant or efficient.				Fire Station 7 (1901 E First Ave) is 61-years old and in dire need of renovation to life-safety systems, bunk and living areas, and apparatus/storage areas. The project would update the station.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$200,000	\$3,000,000	\$0	\$0	\$0	\$3,200,000	0%	100%
Estimated Total Project Cost: \$3,200,000										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)

Fire Facilities: Training Campus Additions (AM-2021-92)

Matrix Rating	Needs	Justification	Executive Summary								
127	1,2,4,6,7,9,11,12	Class A Burn Building- Several inspectors have evaluated the structure over 15 years. While the inspections resulted in repairs, the efforts were temporary and failed quickly under the rigors of heat and force placed upon the props during evolutions. There are many cracks, concrete degradation, and structural deficiencies that need immediate attention. Outdoor Restroom/Shelter- Restrooms utilized during live training can introduce challenges for all genders, and existing facilities allow cross-contamination into seemingly clean areas. The shelter would provide the means to use a purposefully oversized restroom (for use with PPE) and eliminate delays in evolutions. The shelter would also provide respite from inclement weather and debriefings. Type V Prop- the majority of fire incidents occur in single-family residences and searching for savable victims is a skill that requires constant practice. The SFD currently does not have a prop that is configurable to allow staff to modify the floorplan and situation. The lack of flexibility limits the training staff's ability to prepare our firefighters for the real-world situations that they will experience (tight hallways, corners, hoarding, etc).	The project adds crucial repairs to the Class A burn building, non-gender outdoor shelter/restrooms for personnel in contaminated Personal Protective Equipment (PPE), and a Type V residential prop.								
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$60,000	\$250,000	\$150,000	\$400,000	\$0	\$860,000	0%	100%

Estimated Total Project Cost: \$860,000

Fire Facilities: Station 15 Relocation and Construction (AM-2021-93)

Matrix Rating	Needs	Justification	Executive Summary								
108	1,2,5,7,8,11,12	The current Station 15 is over 60 years old and requires immediate upgrades and construction to gain compliance with ADA, Life/Safety Systems, and department expectations and standards for apparatus/equipment storage, privacy, and safety. The current commercial and residential growth in Northeast Spokane combined with the North-South Freeway and Railroad construction highlights the need for closer Fire/Rescue resources to the Freeway Access.	The project relocates the existing Fire Station 15 (2120 E Wellesley Ave) into a new facility on the property at Wellesley/Haven.								
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$500,000	\$0	\$9,500,000	\$0	\$0	\$10,000,000	0%	100%

Estimated Total Project Cost: \$10,000,000

Executive Summary Report: New Projects

Facilities Management

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Fire (continued)

Fire Facilities: Station 5 Permanent Construction (AM-2021-10)

Matrix Rating	Needs	Justification	Executive Summary								
100	1,2,3,7,8,12	The current Station 5 was a renovated single-family home and designed, permitted, and modified as a temporary Station. The current residence lacks a required enclosed fire stairs/elevator lacks the ability for a large fire apparatus which is needed for the risk. The existing structure is non-compliant with the Americans with Disabilities Act (ADA), lacks adequate work/living space, no proper storage/repair space, and an inefficient employee health and fitness area. The current station location was a result of a temporary ordinance variance. The lack of funding to relocate has resulted in exceeding the	The purchased land is at the intersection of Cheney/Spokane and SR 195. The project constructs a station on the location to properly serve the area with career staffing in a facility capable of meeting the needs of employees and the community into the future.								
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$300,000		\$0	\$0	\$50,000	\$7,000,000	\$0	\$0	\$0	\$7,050,000	1%	99%

Estimated Total Project Cost: \$7,350,000

Fire Facilities: Station Alerting System (AM-2021-82)

Matrix Rating	Needs	Justification	Executive Summary								
80	1,2,5,12	The currently deployed system was installed pre-1990 and is outdated and beyond its service capability. Delays have occurred during all significant/high volume periods in the City and County when the existing system 'stacks' notifications or wholly failed due to volume. The new FSA system will include audible and visual devices that will deliver automatic dispatch alerts in multiple voice options to one or multiple stations in less than one second. The new system will help reduce or eliminate patient on-hold time and shave valuable seconds—even minutes—off response times. It will also increase firefighters' mental preparedness with clear and consistent vocalization of the alert, which helps units respond more quickly and efficiently. Heart attacks are the second leading cause of death for firefighters. This system will reduce cardiac stress, anxiety, optical shock, and sleep deprivation with ascending tones and zoned alerting. It will also increase firefighters' health, safety, and quality of life	The system interfaces with the Computer Aided Dispatch (CAD)/City data & radio networks, and paging system. The alert system accommodates system connections to lighting control, cell phone paging, voice radios, doorbell buttons, LED message Signs, HDTV, audio amplifiers, and speakers in the Station.								
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000	0%	100%

Estimated Total Project Cost: \$400,000

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)											
Fire Facilities: Fire Station Office Renovation (AM-2021-97)											
Matrix Rating	Needs	Justification				Executive Summary					
53	1,3,5,6,11,12	If we continue to defer maintenance on these items, potential damages, injuries and health concerns can become a factor for both the public and for employees at these facilities. Better utilization/efficiency of the space will also be a benefit as a result.				The Spokane Fire Department (SFD) is responsible for 16 fire stations + 5 other facilities. All facilities have levels of repair/ replacement that need attention. This project is for critical needs involving office facilities at the majority if not all of SFD stations.					
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified	
		2022	2023	2024	2025	2026	2027	Total			
\$0	\$0	\$0	\$0	\$276,908	\$312,906	\$353,584	\$399,550	\$1,342,948	0%	100%	
Estimated Total Project Cost: \$1,342,948											
Fire Facilities: Kitchen Renovations (AM-2021-101)											
Matrix Rating	Needs	Justification				Executive Summary					
53	1,3,5,6,11,12	If we continue to defer maintenance on these items, potential damages, injuries and health concerns can become a factor for both the public and for employees at these facilities.				The Spokane Fire Department (SFD) is responsible for 16 fire stations + 5 other facilities. All facilities have levels of repair/ replacement that need attention. This project is for critical needs involving kitchen facilities at the majority if not all of SFD stations.					
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified	
		2022	2023	2024	2025	2026	2027	Total			
\$0	\$0	\$0	\$0	\$613,125	\$554,265	\$626,319	\$707,740	\$2,501,449	0%	100%	
Estimated Total Project Cost: \$2,501,449											
Fire Facilities: Dispatch Chiller replacement (AM-2021-98)											
Matrix Rating	Needs	Justification				Executive Summary					
48	1,3,5,6,11,12	Overall HVAC maintenance and repair needs at Combined Communications have increased as the equipment ages. The chiller is a key component in providing cooling air to the critical equipment housed in this facility. Basic risk analysis indicates it is much better to prevent a failure rather than waiting for one to occur at this facility.				The Heating, Ventilation, and Air Conditioning (HVAC) chiller at Combined Communications has been in continual service since the building was commissioned in 2003. The chiller provides cooling air to this critical facility.					
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified	
		2022	2023	2024	2025	2026	2027	Total			
\$0	\$0	\$0	\$164,523	\$0	\$0	\$0	\$0	\$164,523	0%	100%	
Estimated Total Project Cost: \$164,523											

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire (continued)										
Fire Facilities: Roof Replacement Station 1 (AM-2021-102)										
Matrix Rating	Needs	Justification				Executive Summary				
48	1,3,5,6,11,12	The roof at Fire Station 1 has increasingly needed extensive and expensive repairs due to degradation of the roof surface. Water leaks have the potential to cause expensive internal water damage to the building.				The roof at Fire Station 1 is in need of replacement.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$320,000	\$0	\$0	\$0	\$0	\$320,000	0%	100%
Estimated Total Project Cost: \$320,000										
Fire Facilities: Bay Door Motors and Safety Systems Upgrade (AM-2021-96)										
Matrix Rating	Needs	Justification				Executive Summary				
48	1,3,5,6,12	If we continue to defer maintenance on these items, potential damages and injuries can become a factor for both the public and for employees at these facilities.				The Spokane Fire Department (SFD) is responsible for 16 fire stations + 5 other facilities. All facilities have levels of repair/ replacement that need attention. This project is for the most critical needs involving the bay door motors and associated safety systems at all 16 fire stations.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$78,522	\$41,633	\$43,302	\$45,020	\$15,609	\$224,086	0%	100%
Estimated Total Project Cost: \$224,086										
Fire Facilities: Station Shower Upgrade (AM-2021-100)										
Matrix Rating	Needs	Justification				Executive Summary				
48	1,3,5,6,11,12	If we continue to defer maintenance on these items, potential damages, injuries and health concerns can become a factor for both the public and for employees at these facilities.				The Spokane Fire Department (SFD) is responsible for 16 fire stations + 5 other facilities. All facilities have levels of repair/ replacement that need attention. This project is for the most critical needs involving shower facilities at the majority if not all of SFD stations.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$230,432	\$239,580	\$249,163	\$194,387	\$913,562	0%	100%
Estimated Total Project Cost: \$913,562										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

General Fund										
Citywide HVAC Controls Upgrade Phase 1 (AM-2021-38)										
Matrix Rating	Needs	Justification				Executive Summary				
114	1,2,3,4,5,6,9,10,11	Currently, HVAC techs do not have any remote access. In an emergency, they have to come to site to make changes to the HVAC. This makes it inefficient and potentially dangerous in a smoky or chemical emergency situation.				This is an HVAC controls update with graphics that allows the HVAC technicians to monitor and make corrections to HVAC systems in all city-owned buildings.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$407,000	\$593,000	\$0	\$0	\$0	\$0	\$1,000,000	100%	0%
Estimated Total Project Cost: \$1,000,000										
City-Owned Buildings ADA Restrooms Updates (AM-2021-108)										
Matrix Rating	Needs	Justification				Executive Summary				
50	2	Restrooms will be out of ADA compliance once baby changing tables are added. A retrofit will need to be completed to accept baby table changing stations.				Retrofit city owned building restrooms to meet Americans with Disabilities Act (ADA) requirements. With addition to baby changing stations some restrooms will need to be retrofitted to accept the changing tables. This is an ordinance that we need to comply to.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	100%	0%
Estimated Total Project Cost: \$150,000										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Solid Waste Management										
CNG Compressor (AM-2021-52)										
Matrix Rating	Needs	Justification				Executive Summary				
103	1,2,3,5,7,11,12	As Solid Waste Collection's diesel vehicles reach the end of their useful life, they are being replaced with CNG fueled vehicles. To accommodate the additional CNG vehicles, additional capacity is needed for fueling. The original CNG station built in 2015 was built with room to add additional fueling stations when appropriate. Another large CNG compressor is needed once the fleet exceeds fifty vehicles to allow adequate time for overnight fueling.				Expand the existing Compressed Natural Gas (CNG) fuel station that was built in 2015 to accommodate additional CNG vehicles.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000	100%	0%
Estimated Total Project Cost: \$100,000										

Streets										
Street Department Snow Maintenance Facility Improvements (AM-2021-90)										
Matrix Rating	Needs	Justification				Executive Summary				
30	3,4,5	Equipment used by the street department would last longer being stored inside while not being used. Facilities and equipment for making brine would provide alternative materials used for winter maintenance with economic and environmental benefits.				Equipment Storage Buildings and Brine Production Equipment				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$500,000	\$1,000,000	\$0	\$0	\$0	\$0	\$1,500,000	100%	0%
Estimated Total Project Cost: \$1,500,000										

Executive Summary Report: New Projects

Facilities Management

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Wastewater Management										
Maintenance and Warehouse Roof Membrane Replacement (AM-2021-85)										
Matrix Rating	Needs	Justification				Executive Summary				
80	1,2,3,5	The Maintenance and Warehouse Building is experiencing roofing failures, allowing weather and water exposure of critical equipment including electrical controls. Replacing the roof membrane will preserve critical function of plant equipment.				This project would renew the roof membrane for the existing Maintenance and Warehouse building areas at the Riverside Park Water Reclamation Facility (RPWRF).				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	100%	0%
Estimated Total Project Cost: \$200,000										

Water										
Water Dept. Ops Facility Maintenance and Renovation (AM-2021-69)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Water Dept. has identified unacceptable air quality conditions, unfavorable office space conditions, lack of storage, unacceptable levels of access, undersized bathroom facilities, etc.				Facility upgrades are required for industrial hygiene mitigation, office space, bathroom space, and storage requirements.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$200,000	\$1,100,000	\$1,000,000	\$0	\$0	\$0	\$2,300,000	100%	0%
Estimated Total Project Cost: \$2,300,000										

Executive Summary Report: New Projects

Facilities Management

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$3,157,000	\$6,895,608	\$16,332,394	\$12,148,761	\$2,036,742	\$1,694,448	\$42,264,953
Unfunded / Unidentified	0%	27%	92%	97%	82%	78%	75%
Unfunded / Identified	0%	0%	0%	0%	0%	0%	0%
Funded	100%	73%	8%	3%	18%	22%	25%

SPOKANE FIRE DEPARTMENT

Executive Summary Report: New Projects

Fire

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Fire

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

INNOVATION AND TECHNOLOGY SERVICES DEPARTMENT (ITSD)

Executive Summary Report: New Projects

Innovation and Technology Services

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Data Center										
Nutanix Virtual Infrastructure Expansion (IT-2021-56)										
Matrix Rating	Needs	Justification				Executive Summary				
48	1,5,6,7,11,12	The Nutanix virtual server platform contains over 90% of the City's application and other servers. New application acquisitions and upgrades increase the compute and storage resource requirements. In order to be fiscally responsible and keep initial acquisition costs low and reasonable, the current systems were selected based on conservative sizing with the intention to increase the platforms in the outyears as needed driven by business requirements. This is a planned increase.				Add additional compute and storage node to Nutanix virtual server platform.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000	100%	0%
Estimated Total Project Cost: \$40,000										
Disaster Recovery Datacenter Infrastructure (IT-2021-57)										
Matrix Rating	Needs	Justification				Executive Summary				
40	1,3,5,7,12	The disaster recovery/business continuity (DR/BC) site will provide IT services at an alternate location in the event of a natural or man-made disruption of City-wide critical services at the production site. The design will provide near instantaneous restoration of services where possible so that city applications and systems can remain operational to minimize business and citizen impacts.				Deploy a secondary disaster recovery (DR) datacenter to mirror the production datacenter at CCB. The secondary datacenter will include a Nutanix virtual server array, a NetApp file storage array, a Cohesity backup platform, and software to replicate the production environment to the DR site.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$1,342,000	\$0	\$0	\$0	\$0	\$1,342,000	100%	0%
Estimated Total Project Cost: \$1,342,000										

Executive Summary Report: New Projects

Innovation and Technology Services

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Network										
P1F North Route Redundant Internet (IT-2021-86)										
Matrix Rating	Needs	Justification					Executive Summary			
97	1,4,5,6,7,8,9,11,12	PRIORITY 1 FIBER PROJECT: This project will provide a high speed, diverse Internet route out of Spokane. It will match our current bandwidth on our primary route. Our current redundant Internet bandwidth is limited to 100Mb, can't be expanded, and won't be able to support our needs long term. This project also removes dependency on US Bank that houses the majority of regional Internet connectivity and is a single route out of the area. Lastly, it creates a geographically diverse path to Seattle and to Portland and is critical for our cloud services.					Complete route from N Newport Hwy to NoaNet point of presence (POP) at the Bonneville Power Administration (BPA) site to access diverse outbound route on NoaNet fiber.			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000	100%	0%
Estimated Total Project Cost: \$200,000										
PF5 Fire Station 1 to Cowley Fiber Increase (IT-2021-88)										
Matrix Rating	Needs	Justification					Executive Summary			
97	1,4,5,6,7,8,9,11,12	PRIORITY 5 FIBER PROJECT: This will connect 72 unused existing strands between Fire Station 1 and the CCB. The current connections are getting close to low available strand count. In the near future, we need to connect a total of 32 strands to create 40Gb connections to the core, which is nearly half of the proposed strand count increase. The additional strand count will also support CSO tanks connectivity and the ability to reroute traffic due to fiber cuts.					Connect 72 existing unused fiber strands			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000	100%	0%
Estimated Total Project Cost: \$32,000										

Executive Summary Report: New Projects

Innovation and Technology Services

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Network (continued)										
P3F City Hall to Fire Station 1 Fiber Increase (IT-2021-89)										
Matrix Rating	Needs	Justification					Executive Summary			
97	1,4,5,6,7,8,9,11,12	In order to connect new facilities in Riverfront Park, fiber strands between City Hall and Fire Station 1 were redirected leaving 18 strands unused. Fire Station 1 is the connection point between City facilities and services. Reconnecting these strands will increase fiber availability in one of the most critical and consumed fiber runs in the City. It will also improve quality of service between the two locations, address single points of failure, and allow us to more rapidly recover from fiber failures by rerouting traffic to the restored strands.					PRIORITY 3 FIBER PROJECT: Reconnect 18 strands of fiber that were cut and abandoned in place during Riverfront Park redevelopment.			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$7,500	\$0	\$0	\$0	\$0	\$0	\$7,500	100%	0%
Estimated Total Project Cost: \$7,500										
Cisco Network Hardware Upgrades (IT-2021-55)										
Matrix Rating	Needs	Justification					Executive Summary			
78	1,3,4,5,7,8,11,12	Many network switches, routers, and remote site hardware across the City of Spokane infrastructure are out of vendor support and will stop receiving hardware support, software upgrades, or security updates. The hardware targeted in the 2022 phase of this project is nearly 10 years old and this project will bring them into compliance as well as position the City for an increased security posture. The vendor has announced EOS for vulnerability and security issues and software bug fix development so the hardware must be replaced before the end of security patch development in 2023.					The 2022 phase of the network hardware upgrade project will replace 40 Cisco 3850 switches and other hardware at various locations to include City Hall, SPD, and Fire facilities.			
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$749,370	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000	100%	0%
Estimated Total Project Cost: \$1,149,370										

Executive Summary Report: New Projects

Innovation and Technology Services

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Network (continued)										
P2F Greene St. Bridge (IT-2021-106)										
Matrix Rating	Needs	Justification				Executive Summary				
74	1,4,5,6,8,9	PRIORITY 2 FIBER PROJECT: Installing conduit across bridges is a high priority goal and will support leasing opportunities and redundant paths to facilities. It is not cost effective or feasible to install conduit after bridge work is completed.				Install fiber conduit in the Greene St. bridge during reconstruction of the bridge.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	100%	0%
Estimated Total Project Cost: \$50,000										
PF4 Spokane Falls Blvd Conduit and Fiber (IT-2021-87)										
Matrix Rating	Needs	Justification				Executive Summary				
69	1,5,7,8,9,12	The current path is owned by Avista and is at maximum capacity. It is possible that an Avista need to increase their fiber may require us to vacate their conduit in the future. The second conduit run is owned by CenturyLink. By completing the missing sections of the conduit along Spokane Falls Blvd., we will also be able to lease space in a high value				PRIORITY 4 FIBER PROJECT: Add conduit and fiber along Spokane Falls Blvd from City Hall to Division where conduit does not currently exist.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$135,000	\$0	\$0	\$0	\$0	\$0	\$135,000	100%	0%
Estimated Total Project Cost: \$135,000										

Executive Summary Report: New Projects

Innovation and Technology Services

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Network (continued)										
Cisco Phone System Upgrade (IT-2021-53)										
Matrix Rating	Needs	Justification				Executive Summary				
55	1,3,4,5,8,11	The existing phone system is over 11 years old and needs to be upgraded to the current hardware and software to maintain technical and security support from the vendor. The vendor has already announced the end of software patching development. Security vulnerability support is available until 2024; however, we will be unable to renew hardware support for part of the platform in 2023. The vendor is expected to announce end of life milestones for the rest of the platform soon.				Upgrade the existing Cisco Call Manager and voice servers and associated software				
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified
			2022	2023	2024	2025	2026	2027	Total	
\$0		\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000	100%
Estimated Total Project Cost: \$110,000										
City Hall Network Uninterruptible Power Supply Upgrades (IT-2021-54)										
Matrix Rating	Needs	Justification				Executive Summary				
33	1,3,5,11,12	There are UPSs on the 2nd and 6th floors that provide emergency battery backup to the network hardware that provides user and remote facility connectivity. The hardware is over 10 years old and is experiencing battery failures and other issues.				Replace two network UPSs with upgraded hardware and update the electrical.				
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified
			2022	2023	2024	2025	2026	2027	Total	
\$0		\$0	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000	100%
Estimated Total Project Cost: \$65,000										

Executive Summary Report: New Projects

Innovation and Technology Services

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$1,039,500	\$1,342,000	\$0	\$0	\$0	\$0	\$2,381,500
Unfunded / Unidentified	0%	0%	NaN%	NaN%	NaN%	NaN%	0%
Unfunded / Identified	0%	0%	NaN%	NaN%	NaN%	NaN%	0%
Funded	100%	100%	NaN%	NaN%	NaN%	NaN%	100%

SPOKANE PUBLIC LIBRARY

Executive Summary Report: New Projects

Library

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Library

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

PARKS & RECREATION DEPARTMENT

Executive Summary Report: New Projects

Parks and Recreation

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Parks

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

SPOKANE POLICE DEPARTMENT

Executive Summary Report: New Projects

Police

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Police

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

SOLID WASTE COLLECTION DEPARTMENT

Executive Summary Report: New Projects

Solid Waste Collection

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Solid Waste Collection

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

SPOKANE SOLID WASTE DISPOSAL

Executive Summary Report: New Projects

Solid Waste Disposal

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Solid Waste Disposal

No New Projects

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unfunded / Unidentified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Unfunded / Identified	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
Funded	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%

STREET DEPARTMENT

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Pedestrian and Bikeways										
Division Street Pedestrian Hybrid Beacons (STR-2021-4)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Improve safety of existing pedestrian crossings.				Construct pedestrian hybrid beacons (PHB) to improve safety of pedestrian and bicycle crossings of Division St.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$30,900	\$203,600	\$1,478,200	\$0	\$0	\$0	\$0	\$1,681,800	100%	0%
Estimated Total Project Cost: \$1,712,700										
Boone Ave. Protected Bike Lanes - Howard to Ruby (STR-2021-3)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Provide a lower stress bike route.				Study to consider alternatives for implementing protected bike lanes.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000	100%	0%
Estimated Total Project Cost: \$75,000										
Driscoll - Alberta - Cochran Sidewalk (STR-2021-5)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	A high pedestrian activity corridor that is lacking sidewalk for most of the project limits.				Construction of infill sidewalk and Americans with Disabilities Act (ADA) curb ramps.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$50,000	\$175,000	\$1,475,000	\$0	\$0	\$0	\$0	\$1,650,000	100%	0%
Estimated Total Project Cost: \$1,700,000										

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Street Capital										
44th Avenue - Crestline to Altamont (STR-2021-1)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Pave an existing unpaved, planned arterial route. Improve arterial connectivity and provide alternative routes.				Strip pave unpaved section of planned Arterial roadway.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$100,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000	100%	0%
Estimated Total Project Cost: \$900,000										
Riverside Ave., Grant to Sherman (STR-2021-6)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Complete the road network in the U District Bridge, south landing area.				Construction complete street improvements, paving, curb, sidewalk and drainage.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$285,000	\$170,000	\$0	\$0	\$0	\$0	\$0	\$170,000	100%	0%
Estimated Total Project Cost: \$455,000										
Strong Road - Five Mile to Austin (STR-2021-2)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Provide complete streets improvements and reconstructed pavement section to serve recent and continued development on Five Mile Prairie. Reconstruct rural roadway originally built as a County road.				Reconstruct roadway section, construct curb, sidewalk, drainage and bike facilities.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$150,000	43%	57%
Estimated Total Project Cost: \$150,000										

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Vehicle and Equipment

U-Bit Truck 10 Year Overhaul in 2022 (STR-2021-91)

Matrix Rating	Needs	Justification				Executive Summary					
15	5,6	To verify the mechanical integrity of the truck, ensure it is safe to operate and extend the life of the vehicle deferring the cost of replacement.				U-Bit Truck used to inspect bridges is due for a 10 year inspection/overhaul to be completed by Aspen Aerial in Duluth, MN in 2022.					
Prior Spending		2021		Estimated Funding					Percentage Funded*	Percentage Unfunded and Unidentified	
				2022	2023	2024	2025	2026			2027
\$0		\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000	100%	0%

Estimated Total Project Cost: \$300,000

Replace 6-Wheel Pothole Truck #427354 - 2022 (STR-2021-50)

Matrix Rating	Needs	Justification				Executive Summary				
10	5,6	Truck is used to repair potholes on roads throughout the City of Spokane.				Replace 6-wheel pothole truck #427354 in 2022.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$213,000	\$0	\$0	\$0	\$0	\$0	\$213,000	100%	0%

Estimated Total Project Cost: \$213,000

Replace Regenerative Street Sweeper in 2027 (STR-2021-64)

Matrix Rating	Needs	Justification				Executive Summary					
5	5,6	Sweeper is used to clean streets for maintenance and keep the city in compliance with PM10 environmental requirements.				Replace regenerative Street Sweeper.					
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000	100%	0%

Estimated Total Project Cost: \$400,000

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Vehicle and Equipment (continued)

Replace 2 Wausau Segment Snow Plows in 2027 (STR-2021-66)

Matrix Rating	Needs	Justification				Executive Summary				
5	5	Snow plows are used to clear city streets of snow during the winter months. Plows are necessary to replace plows that are at end of life.				Replace 2 Wausau Segment snow plows in 2027				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000	100%	0%

Estimated Total Project Cost: \$40,000

Replace 4 Front end loaders in 2027 (STR-2021-63)

Matrix Rating	Needs	Justification				Executive Summary					
5	5	Front end loaders are used for street maintenance to clear snow from streets, cleanup of storm debris and complete summer maintenance activities.				Replace 3-4 front end loaders in 2027.					
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000	100%	0%

Estimated Total Project Cost: \$800,000

6-Wheel Traffic Control Truck with Attenuator - 2022 (STR-2021-51)

Matrix Rating	Needs	Justification	Executive Summary							
5	5	Truck is necessary to support maintenance activities done by the City of Spokane Street crews throughout the city year round.	Purchase new 6 Wheel Traffic Control Truck with Attenuator in 2022							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000	100%	0%

Estimated Total Project Cost: \$120,000

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Vehicle and Equipment (continued)

Replace 6-Wheel Crackseal Truck in 2023 (STR-2021-58)

Matrix Rating	Needs	Justification				Executive Summary				
5	6	To support crack sealing crews doing maintenance work on asphalt streets.				Replace 6-wheel truck with flatbed used for crack sealing.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	100%	0%

Estimated Total Project Cost: \$100,000

Replace 2 Each: 6-Wheel Dump Trucks - 2027 (STR-2021-67)

Matrix Rating	Needs	Justification				Executive Summary				
5	5	Dump trucks are used during winter and summer supporting maintenance activities.				Replace 2 each 6-wheel dump trucks in 2027.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$413,000	\$413,000	100%	0%

Estimated Total Project Cost: \$413,000

Replace F-250 Radio Truck in 2023 (STR-2021-59)

Matrix Rating	Needs	Justification				Executive Summary				
0		Replace Equipment that is at end of life with newer equipment				Replace F250 Radio Truck in 2023				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000	100%	0%

Estimated Total Project Cost: \$60,000

Executive Summary Report: New Projects

Street

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Replace 4 F350 pickups in 2027 (STR-2021-65)										
Matrix Rating	Needs	Justification				Executive Summary				
0	6	Pickups are used to complete street maintenance work. Replacement is necessary to equipment is at end of life and replace with more current equipment.				Replace 4 each 1 Ton Pickups				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000	100%	0%
Estimated Total Project Cost: \$250,000										

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$2,056,600	\$3,113,200	\$0	\$0	\$50,000	\$2,003,000	\$7,222,800
Unfunded / Unidentified	0%	0%	NaN%	NaN%	0%	4%	1%
Unfunded / Identified	0%	0%	NaN%	NaN%	0%	0%	0%
Funded	100%	100%	NaN%	NaN%	100%	96%	99%

WASTEWATER MANAGEMENT DEPARTMENT

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Collections Capital										
Future Development Sewer Upgrades (WWM-2021-11)										
Matrix Rating	Needs	Justification				Executive Summary				
30	1,5,7	It is important to upgrade our sewer system as opportunities become available. Developer projects provide an opportunity and oftentimes costs savings.				Sewer improvement projects in coordination with developer projects.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000	100%	0%
Estimated Total Project Cost: \$1,500,000										
West Plains Sewer Lift Station (WWM-2021-15)										
Matrix Rating	Needs	Justification				Executive Summary				
25	1,7	As development continues to the west, the lift station will be required push sewage to the east where it can drain via gravity.				This project is a new regional sewage lift station to serve the West Plains area. Sewer inverts are too low in this area of the West Plains to convey the sewage east into the City's system. There is an expectation that development will participate in the construction funding.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$5,000,000	\$5,400,000	7%	93%
Estimated Total Project Cost: \$5,400,000										

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Collections Vehicles and Equipment										
Closed Circuit Television Inspection Truck 2027 (WWM-2021-28)										
Matrix Rating	Needs	Justification				Executive Summary				
117	1,2,3,4,5,6,7,11	To maintain the capacity and integrity of the wastewater collection system.				This truck is used to inspect all new Storm and Sanitary sewer pipes as well as routine inspection of existing infrastructure for blockages and structural condition.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000	100%	0%
Estimated Total Project Cost: \$350,000										
10 Yard Dump Truck 2027 (WWM-2021-29)										
Matrix Rating	Needs	Justification				Executive Summary				
102	1,2,3,5,6,7,11	To maintain the integrity and the capacity of the Sanitary Sewer System.				These trucks are used in the repair process of sanitary and storm sewer systems throughout the city and assist other departments with construction or snow removal requirements.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000	100%	0%
Estimated Total Project Cost: \$350,000										
Catch Basin Cleaner 2027 (WWM-2021-30)										
Matrix Rating	Needs	Justification				Executive Summary				
102	1,2,3,5,6,7,11	To maintain the integrity and the capacity of the Storm System.				These trucks are used to clean Storm inlets throughout the city and assist other departments with construction or general pumping requirements.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	100%	0%
Estimated Total Project Cost: \$500,000										

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Collections Vehicles and Equipment (continued)										
WWC SCADA Equipment Upgrades (WWM-2021-37)										
Matrix Rating	Needs	Justification				Executive Summary				
77	1,2,5,11	Equipment will reach end of support and will need to be replaced and upgraded				Replace and upgrade existing SCADA equipment				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$10,000	\$10,000	\$120,000	\$30,000	\$30,000	\$200,000	100%	0%
Estimated Total Project Cost: \$200,000										
8- F150 4x4 2023 - 2027 (WWM-2021-45)										
Matrix Rating	Needs	Justification				Executive Summary				
73	1,2,5,11	To maintain, repair, rehabilitate sanitary and stormwater infrastructure. Inspection of capital and private projects and snow removal.				These trucks is used for a variety of tasks of by multiple crews				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$115,000	\$70,000	\$0	\$35,000	\$70,000	\$290,000	100%	0%
Estimated Total Project Cost: \$290,000										
Engineer Tech Equipment (WWM-2021-46)										
Matrix Rating	Needs	Justification				Executive Summary				
68	1,2,3,11	Engineering Techs need to be able to accurately locate and measure assets for consistent and accurate map of infrastructure.				Upgrade existing GPS equipment and new LIDAR capability used by Engineer Techs to locate and map assets.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	100%	0%
Estimated Total Project Cost: \$100,000										

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

RPWRF Maintenance										
Maintenance/Warehouse HVAC Access Stairs (WWM-2021-84)										
Matrix Rating	Needs	Justification				Executive Summary				
80	1,2,5,6	The HVAC equipment currently has only ladder access and crews must access it routinely.				This project will add a stairway to the HVAC equipment that serves the Maintenance and Warehouse areas. This equipment is roof mounted and needs routine service. This project needs to consider the safety aspect- a tall vertical ladder is the only current access. Risks increase during bad weather.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000	100%	0%
Estimated Total Project Cost: \$80,000										
Seal Discrete Auto-analyzer (WWM-2021-83)										
Matrix Rating	Needs	Justification				Executive Summary				
65	1,2	The Discrete Analyzer analyzes numerous contaminants, including ammonia and nitrogen, which are monitoring requirements for the NPDES permit. Improved technology allows the lab personnel to test at lower detection limits of contaminants. New analyzer equipment will be needed to keep us in compliance.				This will be the purchase of new, improved laboratory equipment.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000	100%	0%
Estimated Total Project Cost: \$70,000										

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

RPWRF Vehicles and Equipment

Biosolids Front End Loader (WWM-2021-72)

Matrix Rating	Needs	Justification	Executive Summary							
70	1,2,5	Biosolids generated at the Riverside Park Water Reclamation Facility are applied to private farmland in accordance with Federal and State regulations. Replacement of Biosolids moving equipment is necessary to maintain the reliability necessary to meet Biosolids application regulations. This project is the purchase of a front end loader to replace the one that has reached the end of its service life. The loader is used in rough conditions; daily use, rough dirt roads and fields. The service life is approximately 5 to 6	Equipment being replaced is a Biosolids Front End Loader.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$225,000	\$0	\$0	\$0	\$0	\$225,000	100%	0%
Estimated Total Project Cost: \$225,000										

Stormwater

Study - Downtown Stormwater Relief Phase 2 (WWM-2021-17)

Matrix Rating	Needs	Justification	Executive Summary							
87	1,2,3,5,11,12	The downtown area generates large amounts of runoff due to the impervious nature of the area. This runoff drains to the combined system and overwhelms the sanitary system during storm events. This project will present solutions to separate runoff from the system and create capacity in the sanitary system.	This project is a study that will analyze potential stormwater separation solutions in the downtown area. These solutions, once implemented, will create additional capacity in the sanitary sewer system.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$75,000	\$75,000	\$0	\$0	\$0	\$150,000	100%	0%
Estimated Total Project Cost: \$150,000										

Executive Summary Report: New Projects

Wastewater

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Stormwater (continued)										
Washington Basin Stormwater Separation (WWM-2021-18)										
Matrix Rating	Needs	Justification				Executive Summary				
77	1,2,5,11	This project is necessary to remove untreated stormwater from the Spokane River and improve water quality.				This project will construct stormwater facilities throughout the basin to separate stormwater from the Washington outfall, the City's second largest stormwater outfall to the Spokane River.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$3,000,000	\$3,300,000	100%	0%
Estimated Total Project Cost: \$3,300,000										
Drywell Rehabilitation in Wellhead Protection Zones (WWM-2021-20)										
Matrix Rating	Needs	Justification				Executive Summary				
27	1,5,11	This project is necessary to protect the aquifer from contamination.				There are drywells located within wellhead protection zones that do not meet current Underground Injection Control (UIC) requirements. This project will rehabilitate or replace those drywells to meet current requirements and help protect the aquifer.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$200,000	\$1,000,000	\$1,000,000	\$2,200,000	25%	0%
Estimated Total Project Cost: \$2,200,000										

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$800,000	\$775,000	\$405,000	\$570,000	\$1,615,000	\$10,550,000	\$14,715,000
Unfunded / Unidentified	0%	0%	0%	0%	0%	47%	34%
Unfunded / Identified	0%	0%	0%	26%	46%	7%	11%
Funded	100%	100%	100%	74%	54%	45%	55%

WATER DEPARTMENT

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Source Wells and Booster Stations

Northwest Terrace PRV's (WAT-2021-13)

Matrix Rating	Needs	Justification	Executive Summary							
30	1,5,7	This project will increase capacity in the Indian Trail area and North Hill Pressure Zone.	This initial analysis will identify the pressure reducing valve station that will allow for increased transmission main capacity in Indian Trail for the North Hill Pressure Zone. The valve would reduce pressures from Low Pressure Zone to Northwest Terrace.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000	100%	0%

Estimated Total Project Cost: \$10,000

Study-Well Transmission Optimization (WAT-2021-14)

Matrix Rating	Needs	Justification	Executive Summary							
28	1,6,11	Demand and growth as well as a new well station have changed how we deliver water to the various pressure zones. This study will inform on whether there may be a more efficient way to do that than what we are currently doing.	This study will inform on the best way for the City to optimize transmission from the various well stations. There may be scenarios where it would be more efficient for one pressure zone to be pulling from a well that currently does not feed that zone.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$150,000	100%	0%

Estimated Total Project Cost: \$150,000

Highland Booster Capacity Improvements (WAT-2021-12)

Matrix Rating	Needs	Justification				Executive Summary					
30	1,5,7,11	The project is necessary to maintain levels of service to this pressure zone.				Modeling and analysis has determined that additional pumping capacity is needed to supply water to the Highland Reservoir.					
Prior Spending		2021	Estimated Funding						Percentage Funded*	Percentage Unfunded and Unidentified	
			2022	2023	2024	2025	2026	2027			Total
\$0		\$0	\$0	\$0	\$0	\$0	\$500,000	\$5,000,000	\$5,500,000	0%	100%

Estimated Total Project Cost: \$5,500,000

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Vehicles and Equipment										
Chlorine Truck (WAT-2021-74)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Replacement of aging fleet vehicles for reliability and safety. Current vehicles and equipment are reaching the end of useful life and are showing increased maintenance costs.				Replacement of Chlorine truck used in the disinfection of parts and equipment necessary for water system operation.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$130,000	\$0	\$0	\$0	\$0	\$0	\$130,000	100%	0%
Estimated Total Project Cost: \$130,000										
Light Vehicles (WAT-2021-75)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Replacement of aging fleet vehicles for reliability and safety. Current vehicles and equipment are reaching the end of useful life and are showing increased maintenance costs.				Replacement of 2 light vehicles in 2023 for the Water Quality Coordinator and the Upriver Superintendent. Vehicles are at the end of useful life and require replacement.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$130,000	\$0	\$0	\$0	\$0	\$130,000	100%	0%
Estimated Total Project Cost: \$130,000										
Mechanics Truck (WAT-2021-73)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Vehicles are necessary for the completion of mechanics duties to maintain the water system and hydroelectric facilities.				Replacement of 2 mechanics trucks in consecutive years.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$115,000	\$115,000	\$0	\$0	\$0	\$230,000	100%	0%
Estimated Total Project Cost: \$230,000										

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Vehicles and Equipment (continued)										
Skid Steer Loader With Broom (WAT-2021-70)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Excavations in tight spaces are difficult with large equipment. A skid steer is more maneuverable and limits the damage due to surrounding surface.				Purchase of a new Skid Steer loader to be used for excavations in confined areas and cleanup at upriver dam.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000	100%	0%
Estimated Total Project Cost: \$80,000										
Upriver Dam Maintenance Boat (WAT-2021-71)										
Matrix Rating	Needs	Justification				Executive Summary				
15	1	Safely and efficiently maintaining a large spillway dam on the Spokane River requires a dedicated maintenance boat capable of carrying and towing large equipment and appurtenances and a stable work platform.				A boat is required for maintenance of the Upriver Dam Hydroelectric Project spillway gates, concrete, boat barriers, inspections, emergencies, and operations.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	100%	0%
Estimated Total Project Cost: \$50,000										

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Water Mains										
Ray St., 17th to 11th Ave, Main Replacement (WAT-2021-16)										
Matrix Rating	Needs	Justification				Executive Summary				
40	1,4,6	The existing transmission main is in poor shape, and at the end of its useful life. A pipe assessment has confirmed its condition.				The 1936 steel water main will be replaced with 36-inch ductile iron pipe in coordination with the street reconstruction project. This is an integrated project.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$308,080	\$100,000	\$536,920	\$350,000	\$0	\$0	\$0	\$0	\$886,920	100%	0%
Estimated Total Project Cost: \$1,295,000										
Future Development Water Projects (WAT-2021-22)										
Matrix Rating	Needs	Justification				Executive Summary				
30	1,5,6	The water system requires upgrades. Often there are cost savings by performing these upgrades when development construction is happening.				This project assigns dollars to potential water system improvements that could be made in conjunction with developer projects. These projects will be defined as development occurs.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000	100%	0%
Estimated Total Project Cost: \$1,500,000										
Palouse/Freya Roundabout (WAT-2021-34)										
Matrix Rating	Needs	Justification				Executive Summary				
30	1,4	The project will help to provide connectivity and redundancy within the water system and will relocate water infrastructure as needed for the roundabout.				This project will extend a 12-inch waterline around the proposed roundabout approximately 850-feet to the northwest to Thor St. Work will also include relocating existing water within the footprint of the proposed roundabout as needed. This is an integrated project.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000	100%	0%
Estimated Total Project Cost: \$25,000										

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Water Mains (continued)										
Northwest Terrace Transmission Main (WAT-2021-25)										
Matrix Rating	Needs	Justification				Executive Summary				
25	1,7	There is limited transmission main capacity in Indian Trail and this alleviates that issue.				This project will construct an 18-inch transmission main along HWY 291 to relieve demands from Indian Trail transmission by supplying most of the water from the Low to Northwest Terrace Pressure Zones. This is an integrated project with the Francis/Assembly roundabout.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	100%	0%
Estimated Total Project Cost: \$50,000										
Latah Booster to Thorpe Reservoir Transmission Main (WAT-2021-26)										
Matrix Rating	Needs	Justification				Executive Summary				
25	1,7	To meet demands to fill the new Thorpe reservoir. These demands include both domestic and fire flow.				Additional transmission main capacity is required between Latah Booster and Thorpe reservoir. Once the new reservoir is constructed, additional flow will be pushed through the pipes exceeding their capacity. This new pipe will create sufficient capacity to fill the new reservoir.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$8,000,000	\$8,800,000	0%	100%
Estimated Total Project Cost: \$8,800,000										
Latah-9th and Pine Transmission Main (WAT-2021-23)										
Matrix Rating	Needs	Justification				Executive Summary				
25	1,7	This project would provide necessary additional capacity for the southwestern portion of the city.				This project constructs a new transmission main connecting the Latah Booster and 9th and Pine reservoir. This new transmission main will allow additional water to be piped to the southwest part of the city and meet demands. Design will begin in 2028 with construction in 2029.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000	0%	100%
Estimated Total Project Cost: \$250,000										

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Water Mains (continued)

Westbow Transmission Main - Thomas Mallen to Spotted (WAT-2021-27)

Matrix Rating	Needs	Justification	Executive Summary							
25	1,7	The new pipe is necessary to deliver the required water to the Thomas Mallon tank to supply the Plains Pressure Zone.	This project will construct a new transmission main connecting the new Plains Booster and Thomas Mallon tank. Both development and intertie agreements with Fairchild AFB will require additional transmission to the reservoir and the Plains Pressure Zone. The existing pipe does not have capacity.							
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$8,000,000	\$8,800,000	0%	100%
Estimated Total Project Cost: \$8,800,000										

Water Maintenance

AMI Collector Installation for Smart Metering (WAT-2021-68)

Matrix Rating	Needs	Justification				Executive Summary				
15	1	For the on-going effort of implementing smart metering tech.				Includes purchasing of equipment and contracting for installation, set-up and programming.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000	100%	0%
Estimated Total Project Cost: \$1,000,000										

Electric Vehicle (EV) Charging Station Development (WAT-2021-62)

Matrix Rating	Needs	Justification				Executive Summary				
15	1	Necessary before purchase and use of all-electric vehicles.				Electric Vehicle (EV) charging station development.				
Prior Spending	2021	Estimated Funding							Percentage Funded*	Percentage Unfunded and Unidentified
		2022	2023	2024	2025	2026	2027	Total		
\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$1,000,000	\$1,300,000	100%	0%
Estimated Total Project Cost: \$1,300,000										

Executive Summary Report: New Projects

Water

* This percentage measures the level of actual financial commitment for the project. 100% would equate to the total cost of the project.

Executive Summary Category Totals							
	2022	2023	2024	2025	2026	2027	Grand Total
Estimated Funding	\$2,206,920	\$920,000	\$365,000	\$250,000	\$2,650,000	\$22,500,000	\$28,891,920
Unfunded / Unidentified	0%	0%	0%	0%	79%	94%	81%
Unfunded / Identified	0%	0%	0%	0%	0%	0%	0%
Funded	100%	100%	100%	100%	21%	6%	19%