

CITY OF BLOOMFIELD
FISCAL YEARS 2025-2029
INFRASTRUCTURE CAPITAL IMPROVEMENT PLAN

August 14, 2023

INTRODUCTION

Every year, counties, municipalities, tribal governments, special districts, and senior citizen facilities are called by the New Mexico Department of Finance and Administration (DFA) to update their Infrastructure Capital Improvement Plan (ICIP), which spans a five-year period. According to program guidance, an eligible project is “any partially funded or unfunded capital improvement for which the entity plans to have funding in place during state fiscal years (July 1, 2025 to June 30, 2029).” Only projects that are properly scoped and ready for funding should be included in the Plan. The previous list is provided as **Attachment A**. The ICIP can also be amended mid-year by submitting the new project information and providing a resolution adopting the change. Senior Citizen Projects are kept on a separate list. The “East Blanco Bridge Replacement” project will remain on the list until the Phase II construction bid is awarded. All others were adjusted for construction cost escalation, or through the refinement of their scope. The cost “Bergin Lane Reconstruction” increased significantly upon completion of the Preliminary Design and cost estimate by Souder Miller Associates. “Brownfields” decreased significantly due to the refinement of clean-up scope to the East Parcel. The following sections provide a summary of the various projects on the proposed ICIP.

A summary table of this year’s projects are on the following pages:

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1.0 EAST BLANCO BRIDGE REPLACEMENT (ICIP 2025-001)

Summary: The East Blanco Bridge was rated “functionally obsolete” in the 2013 NMDOT Bridge Inspection Report. The bridge is substandard for both pedestrian and vehicular use, due to the lack of barriers, lack of sidewalks and pedestrian walkways on both sides of the structure. Further, there are no bicycle accommodations. Two fatalities have occurred on or near the bridge. The bridge piles are subject to scouring from the Bloomfield Wash. There are numerous cracks on the deck, along the edge and underside of the deck, and on the abutments. The deck also shows signs of wear/abrasion with exposed aggregate. To improve hydraulics and resist erosive velocities, a triple box culvert is proposed to replace the bridge. The proposed street cross section includes two-five-foot sidewalks, buffer area, bike lanes, and two-twelve-foot travel lanes. The project is divided into two phases to accommodate limited funding: Phase I included the relocation of utilities, and Phase II includes the construction of the bridge. Phase I was completed in March 2021 by Halo Services Inc. Design revisions were completed by CHC Engineers, and 404 Permit drawings are being revised to adhere to the Clean Water Act. With the current reported impact of 0.066 acre which is above the General condition 23 Mitigation that requires, “Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre.” The Finch acquisition is in the process of completion to obtain Right of Way Certification.

Funding Sources: A Capital Outlay award of \$2.4M was made by our Legislators during the 2021 Session. A MAP award was made in the amount of \$124,444 in June 2021. A NMDOT Transportation Project Fund in the amount of \$383,000 was also made. Due to the uncertainty of escalating construction costs, the project will remain in the ICIP until the bid is awarded.

Total Project Budget: \$4,423,633



Phase I utility relocation by Halo Services in February 2021.

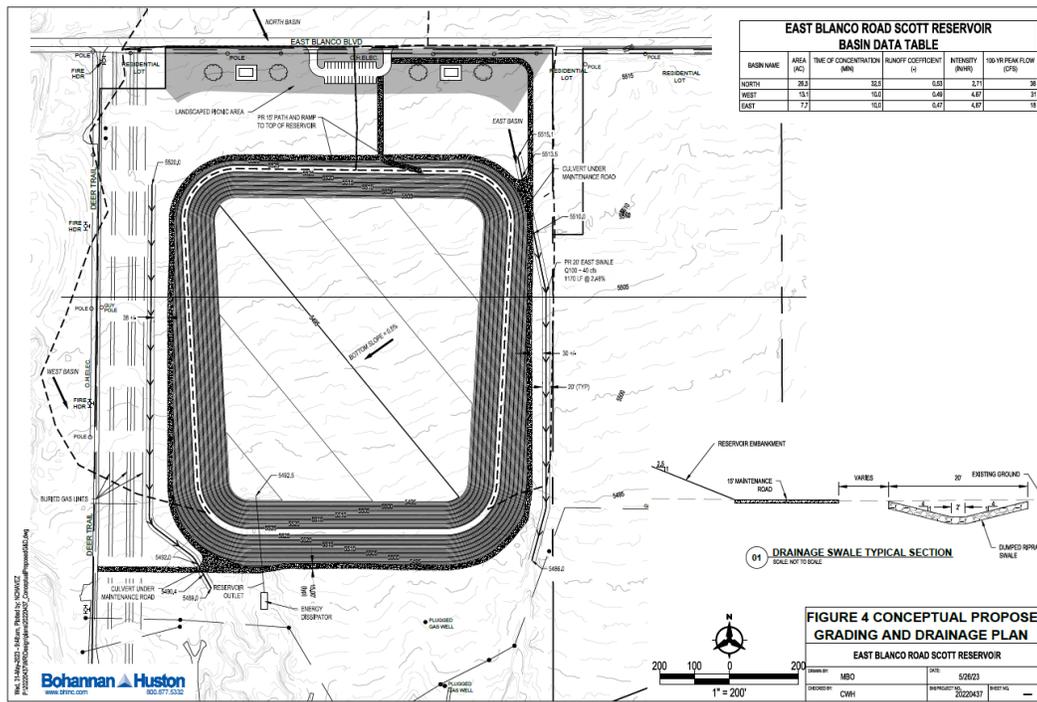
2.0 SCOTT RESERVOIR (ICIP 2025-002)

Summary: After Council directed Staff to search for a new reservoir site, Staff identified the Scott Farms site as a potential water reservoir location. The location of the site is very advantageous. It is located adjacent to East Blanco Blvd, where raw water could flow by gravity from the City's existing reservoir via a raw water line. Water could then be pumped out to the Water Filter Plant. Further, raw water from Second Source could be pumped to the new reservoir via a force main in Palomino Dr, which would provide additional settling and storage. A storage volume of 400 ac-ft could be available at the site, which would be five times the storage available in the current reservoir (80 ac-ft). This would extend the City's storage from one month to a total of five months.

Council authorized staff to conduct a geotechnical site investigation of the property, and the investigation concluded that the site would be able to accommodate a 440 ac-ft reservoir. However, recent concerns regarding subgrade stability have been raised by another geotechnical firm, who is experienced in dam design and construction. A second geotechnical investigation and preliminary design work will be needed before the project can move forward. An appraisal was completed on the property in February 2021. Environmental Assessment was completed in June 2022. The San Juan Water Commission voted unanimously to accept Bloomfield's request to provide 90% of the funding for the purchase of the property on September 7, 2022. In FY 2023, a Junior House Bill 2 in the amount of \$100,000 was awarded. A conceptual report was compiled by Bohannon Huston on June 27, 2023, with the estimate of \$40,068,332.92.

Funding Sources: Funding from the San Juan Water Commission approved \$914,000 with a City of Bloomfield 10% share at 101,550. Congressionally Directed Spending, WaterSMART grants, DOI Grants, Bipartisan Infrastructure Law Grants, Capital Outlay, Water Trust Board, EPA Water Infrastructure Improvements for the Nation Small and Underserved Communities Emerging Contaminants Grant Program, EPA Grants

Total Project Budget: \$42,595,032



3.0 BERGIN LANE RECONSTRUCTION (ICIP 2025-003)

Summary: A plan was developed by Souder Miller & Associates in July 2005, that would have reconstructed part of Bergin Lane. However, funding was re-allocated by the City to another project, and the improvements were never made. Mesa Alta Junior High and the Bloomfield Municipal Schools Administrative Offices are located here. A significant number of students walk to school along this street. There is no sidewalk connectivity from West Broadway to the school. The water and sewer lines are also in need of replacement. During rain events, the streets are flooded: a complete storm drain system is needed. The major reconstruction would include new water, sewer, and storm drains. A new pavement section would be reconstructed. New curbs, sidewalks, ADA ramps, and other features would be constructed to offer a safer walk to school. Souder Miller has completed an as-built survey, Preliminary Plans, and stormwater design on the project. Staff applied for NMDOT Transportation Project Funds in the amount of \$300,000 for the final design. Staff applied for NMDOT Transportation Project Funds in the amount of \$100,000 for the final design. Staff recommends hiring Souder Miller to complete the final design while construction funding is pursued. The cost estimate increased significantly from concept to preliminary design.

Funding Sources: NMDOT TPF awarded \$285,000 with a \$15,000 City share. A NMDOT TPF awarded 95,000 with a \$5,000 city share. Federal Infrastructure Funds, NMDOT TPF Funds, Capital Outlay, Congressionally Directed Spending

Total Project Budget: \$10,632,147



3D Rendering showing sidewalks, turning lanes, bicycle paths, while maintaining existing electric.

4.0 POLICE VEHICLE PURCHASE (ICIP 2025-004)

Summary: A police vehicle must idle most of the day and is frequently subjected to quick acceleration. Due to the extreme use and high miles of this fleet, repairs are frequent. A vehicle replacement plan would be needed to purchase two new units annually (at a cost of \$80,000 each) and take two old units out of service. However, City funding is not available to fund this plan.

Funding Sources: Our Legislators awarded funds for the purchase of two equipped vehicles during the 2021, 2022, 2023 Legislative Sessions, and one vehicle during the 2024 Legislative Session. Staff will request \$160,000 during the next Legislative Session to replace two vehicles.

Total Project Budget: \$947,150 (\$161,000 request every Fiscal Year)



5.0 BROWNFIELDS CLEAN-UP: BLANCO AND 5TH STREET (ICIP 2025-005)

Summary: The old Aerex Refinery on both corners of W. Blanco Blvd and 5th Street has been identified by the City as a “brownfield”. The EPA defines a brownfield as a property the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. In 2006, a subsurface investigation on the east parcel showed signs of contamination from the old refinery. In 2019, the EPA funded a Phase I Environmental Site Assessment for both parcels, which indicated the likely presence of soil and groundwater contamination on the west parcel. Funded by a Brownfields Coalition Grant awarded to NMED and Northwest New Mexico Council of Governments, a Phase II assessment was performed on both parcels. Passive soil gas analysis, environmental boring, and soil sample analyses were performed on the west parcel. Results are still preliminary, but petroleum contamination was found in different areas across the west parcel. A geophysical survey was also conducted, and anomalies that indicated underground tanks and piping may be present. City crews performed investigative excavation and found no underground infrastructure on the west parcel. In fact, the trench profiles were very clean with no signs of contamination in the area investigated. The City applied but was not awarded an EPA Brownfields Grant in 2021. However, NMED Brownfields Program Staff informed City Staff this month that they plan to award a subgrant for this project. Based on the results from the Phase II assessment, the clean-up project scope was significantly decreased to the northern part of the East Parcel.

Funding Sources: NMED Brownfields Program Subgrant Recipient

Total Project Budget: \$629,749



Conceptual design by Hitchcock Design Group, from results of Community Workshop.

6.0 SECOND SOURCE UPGRADES (ICIP 2025-006)

Summary: At the direction of Council, efforts to develop an alternate primary raw water source were shifted from a Riverbed Filtration Project to the Second Source Facility. The two major issues that prevent Second Source from operating properly are: groundwater intrusion into the basin and sediment loading. The project will enhance the operation of the Second Source facility by reducing salty groundwater intrusion and improving sediment removal and handling. Groundwater intrusion will be addressed by a cut-off wall and other improvements to divert groundwater around the basin. Sediment removal will be improved by installing a floating suction device on the pump station inlet, enlarging the basin, installing curtain walls, and installing a grit/sediment removal and dewatering device. Other improvements such as automatic actuated headgates are also planned.

Bloomfield Public Works used the remaining Capital Outlay Grant Funds to perform a design-build project that automated the pump station and added water quality probes in the wet well. The pump station can now be run remotely from the Water Plant, while monitoring water quality coming in from the river. Crews also constructed a floating suction device, which greatly enhanced water quality being pumped from the pond. All three of the pumps have been rebuilt and are now in service. The station has been in use since October 2021, and has pumped 437 million gallons. In FY2022, a Capital Outlay Grant was used to add automated controls and purchase the materials for the floating suction device.

Issues of sedimentation from the river still remain a challenge and further improvements are needed to make the facility operational year-round.

Funding Sources: Federal Infrastructure funds may also be used for more improvements. Congressionally Directed Spending, WaterSMART grants, DOI Grants, Bipartisan Infrastructure Law Grants, Capital Outlay, Water Trust Board, EPA Water Infrastructure Improvements for the Nation Small and Underserved Communities Emerging Contaminants Grant Program, EPA Grants

Total Project Budget: \$4,822,996



Possible design for added settling time to minimize Turbidity

7.0 REPLACE LADDER TRUCK (ICIP 2025-007)

Summary: The Fire Department's Ladder Truck is a 1989 model, and no longer meets the current ISO requirements for a ladder truck. The ladder truck will be replaced with a new truck.

Funding Sources: Applied for a FEMA Assistance to Firefighter's Grant in FY20 for the replacement truck. Other possible funding sources include the State Fire Fund.

Total Project Budget: \$2,200,000



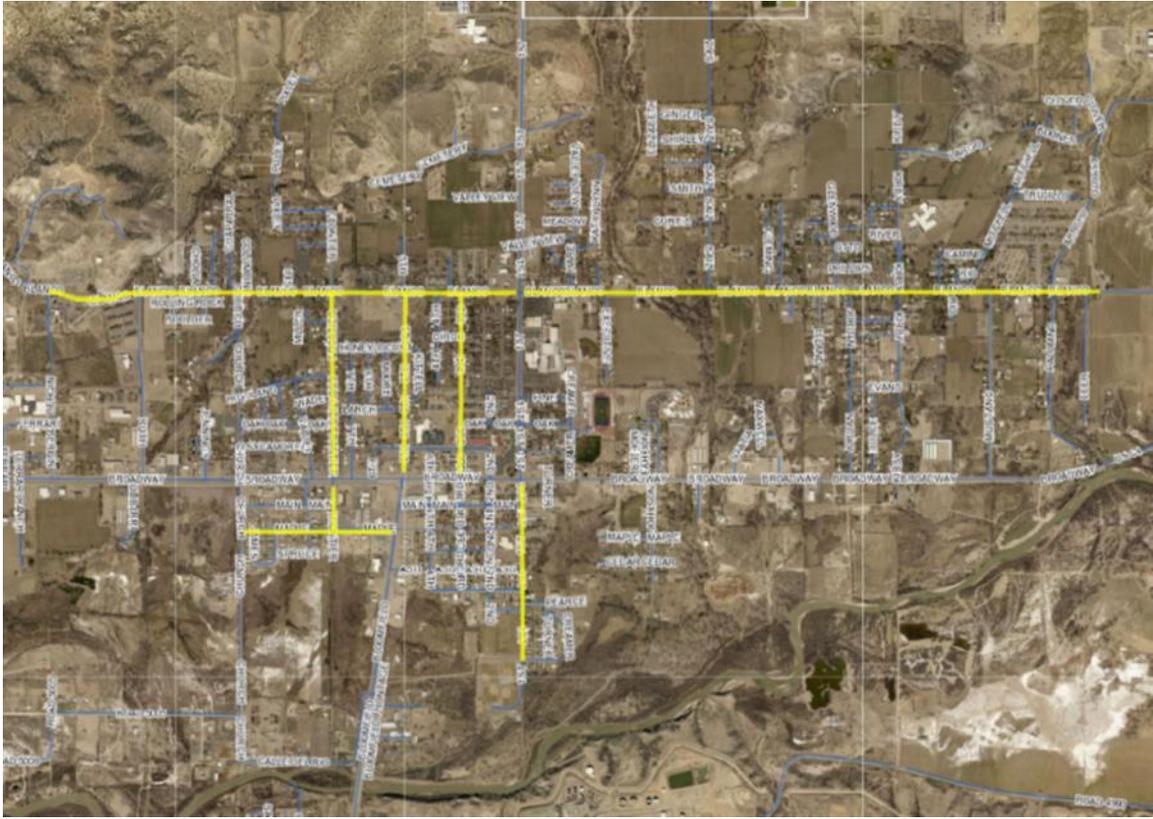
8.0 ANNUAL CITY-WIDE PAVEMENT PRESERVATION (ICIP 2025-008)

Summary: Staff attempts to fund an annual city-wide pavement preservation project through the NMDOT Local Government Road Fund (LGRF) program. Each year, the project focuses on a specific group of streets. Re-stripping of lanes and crosswalks are also typically included. Where feasible, bike lanes are also added.

Funding Sources: Funding sources include the City's Street Maintenance Budget and NMDOT Local Government Road Funds.

Total Project Budget: \$3,000,000 (\$600,000 request each fiscal year)

Map of Streets in LGRF plus East Blanco Blvd



9.0 CITY WIDE WATER & SEWER LINE EXTENSION/REPLACEMENTS (ICIP 2025-009)

Summary:

East Blanco to Saiz Lane Sewer Line Replacement- The sewer line in East Blanco Boulevard is clay tile pipe and has failed several times. The sewer line in Saiz Lane is asbestos cement pipe and has also collapsed and necessitated significant emergency repairs. The most recent Saiz Lane repair required the replacement of 475 ft of 8” collapsed line. The total cost of the repair was \$65,000. At the downstream end near the E. Blanco Bridge, a new sewer siphon was constructed as part of Phase I of the bridge replacement project. This project will be the first in a water and sewer line renewal plan that specifically targets asbestos-cement pipe. Crews plan to replace the sewer line from the new siphon upstream to the Saiz Lane connection this fiscal year.

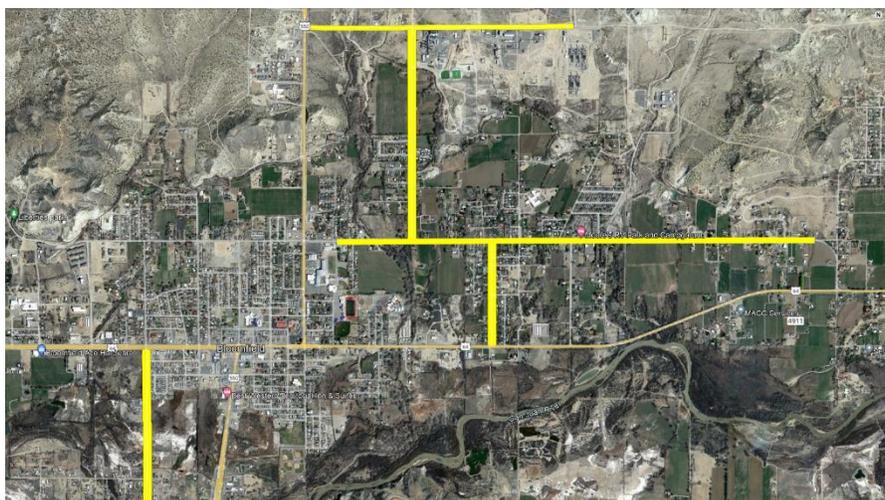
Arizona Street Water Extension- A water extension on Arizona Street from Flagstaff St. to Arroyo Dr. would provide several benefits to the city. The first is being proactive in providing utilities to an area of industrial growth. The second benefit is possibly working in conjunction with the refineries to strengthen common infrastructure.

Jordan Lane Water & Sewer Replacement- Jordan Lane is funded to have the water and sewer lines replaced through the American Rescue Plan Act (ARPA), but the paving portion of the project has not been funded yet.

South Church Street Water & Sewer Replacement- Church St. is funded to have the water and sewer lines replaced through the American Rescue Plan Act (ARPA), but the paving portion of the project has not been funded yet.

Funding Sources: Surplus revenues from the Utility Fund and Capital Outlay. Federal Infrastructure Funds may also be used: America Rescue Plan Act (ARPA).

East Blanco to Saiz Lane Sewer Line Replacement	\$	3,894,742
Arizona Street Water Extension	\$	1,000,000
Jordan Lane Water & Sewer Replacement	\$	400,000
South Church Street Water & Sewer Replacement	\$	600,000
Total Project Budget	\$	5,894,742



10.0 TRAIL RIGHT OF WAY ACQUISITION (ICIP 2025-010)

Summary: The City's trail system provides a good source of recreation for our citizens and could provide an attraction to draw people and businesses to our area. Staff has identified several properties that would enable our current trails to be expanded easily.

Funding Sources: Grants and Capital Outlay may be a source. Federal Infrastructure Funds may also be used. City's operating account

Total Project Budget: \$1,100,000 (\$190,000 request each fiscal year)



A potential trail expansion site next to Bloomfield Early Childhood Center on the Bloomfield Wash.

11.0 SLUDGE REMEDIATION EQUIPMENT REHABILITATION/REPLACEMENT (ICIP 2025-11)

Sludge Remediation Equipment Rehabilitation/Replacement: The water treatment system's solids remediation equipment has fallen into disrepair and needs to be replaced. This is a crucial step engineered by the systems designer. As of now the solids are removed by shutting down 1 of the 2 units and hiring a contractor to clean. This brings the operation of the plant down to 50% during this time which can create problems if the demand for water increases significantly. If the equipment is replaced the WT personnel can focus more attention on other pertinent aspects of the treatment facility and can adhere to a scheduled maintenance program.

Funding Sources: Grants and Capital Outlay may be a source. Federal Infrastructure Funds may also be used.

Total Project Budget: \$550,000 (\$140,000 request each fiscal year)



12.0 FLEET VEHICLE PURCHASE (ICIP 2025-012)

Summary:

Purchase and equip two (2) fleet cars annually: During FY23 the Council requested new fleet vehicles to replace the city’s aging inventory. MOC fleet was comprised of 64 Fleet vehicles. Currently the list of vehicles includes sedans, sport utility vehicles, along with medium and heavy duty vehicles. Many vehicles are pre-owned vehicles from the City of Bloomfield Police Department or Bloomfield Fire Department. The city provides varied services in the Bloomfield area extending to San Juan County and requires the use of Government-owned vehicles to transport employees, equipment, material, records, and other administrative documents maintained at any city site or within the city of Bloomfield.

MOC has used this opportunity to evaluate each vehicle in the fleet and develop a plan that combines current commitments with future growth plans. The current estimation should have the city fleet at 10 new vehicles by 2030. This plan takes into account the inflation and demand of vehicles in the United States. MOC plans to assure vehicles procured by 2030 will be fuel efficient, hybrid, or electric vehicles (EV). A challenge MOC faces is that Bloomfield has no access to Electric Vehicle Charging Stations. Public Works is aggressively applying for grants to supplement this deficiency. Another challenge to City of Bloomfield in acquiring these vehicles by 2030 is the limited vehicle funding available.

Funding Sources: Grants and Capital Outlay may be a source. City Operating Budget

Total Project Budget: \$400,000 (\$80,000 request each fiscal year)



13.0 PUBLIC WORKS EQUIPMENT (ICIP 2026-001)

Summary:

Commercial Lawn Mowers Replacement: Parks and Recreation maintains over 20 acres of sport fields, 11 acres of trail greenspace, 9 acres of lawns and parks, and 37 acres of natural open space. The new mowers would replace the obsolete and failing commercial mowers, which would improve the efficiency of their operations. The proposed project would replace two mowers, which are \$30,000 each.

Bucket Truck Purchase: The purchase of a bucket truck would eliminate the need to rent equipment or contract out seasonal work already performed by the Parks department. The truck could be utilized to complete projects such as hanging lights, flags and banners on Broadway, repair streetlights, trim trees and overhanging branches.

Backhoe Replacement: The purchase would replace an existing backhoe that has been in the fleet for several years. The machine has over 7000 hours and has created a lot of down time. To maintain cost and productivity the city is requesting a replacement.

Front End Loader Replacement: The purchase would replace an existing Volvo Front-End Loader that has been in the fleet for several years and requires multiple repairs each year. Receiving parts has been both lengthy and costly. For comparison, Volvo parts are two to three times more expensive than John Deere parts.

Concrete Slipform Curb Machine Purchase: Most utility work involves excavation or expansion of city roadways such as the Bergin Lane project on the west side of the city. An added expense of the reconstruction is the cost of hiring a contractor and the time involved in the bidding process to have curb laid. Owning a curb machine could allow the projects to go much smoother as the curb is installed immediately after the backfilling and grading, leaving the paving process to complete the project.

Brake Lathe Purchase, Jib Crane Purchase, Metal Cabinet Purchase: maintaining fleet vehicles requires many pieces of equipment and machinery. A useful and economic piece is a disc and drum brake lathe machine. The machine gives the brake rotor a new clean surface and is optimal when replacing brake pads. Resurfacing the rotors adds safety and saves an unnecessary expense. Also, a two-ton jib crane is useful when operating a shop. It keeps employees safe when moving heavy objects. Organization and keeping tools and parts off the floor is another safe practice. Metal cabinets provide a secure space and are strong enough to store many of the things an automotive shop uses daily.

Funding Sources: Capital Outlay, Congressionally Directed Spending (Agriculture)

Commercial Lawn Mowers Replacement	\$	80,000
Bucket Truck Purchase	\$	140,000
Backhoe Replacement	\$	175,000
Front End Loader Replacement	\$	350,000
Concrete Slipform Curb Machine Purchase	\$	200,000
Brake Lathe Purchase	\$	6,000
Jib Crane Purchase	\$	10,000
Metal Cabinets Purchase	\$	4,000
Total Project Budget	\$	965,000



14.0 CITY WIDE PARKING LOT UPGRADES (ICIP 2026-002)

Summary: The parking lots at City Hall, MOC, Water Reclamation Facility, and the Cultural Center need to be repaved. Both the back and the front of City Hall need new asphalt. There are numerous spots that continually get holes and must be patched up regularly. Add more lights to the front and back of City Hall.

Funding Sources: Capital Outlay, Local Funds, NMDOT

Total Project Budget: \$ 500,000



15.0 MOBILE COMMAND VEHICLE AND EQUIPMENT PURCHASE (ICIP 2026-003)

Summary: Bloomfield PD maintains safety and order in our community 24 hours a day. Unfortunately, many times this requires involvement in dangerous situations. An incident command vehicle would allow PD to respond to a situation readily equipped. This vehicle would have the capability to link to the Real Time Crime Center (RTCC) at the department and this would provide a live video feed of the city. The vehicle could also have the potential to deploy drones. The usefulness of a command center that is onsite will provide the ability to gather and share information in real time. The cost of the vehicle with the upgrades will total \$232,00.00

With the spread of deadly fentanyl reaching more of the state each day. Today the officers have a high potential of exposure to the substances they are testing. The existing method requires them to remove a small sample from the packaging it is concealed in and to deliver the sample to a testing pouch that contains the indicator ampule. This action is the moment that the officer is unprotected. Many things could cause the officer to accidentally come into contact with the substance. TruNarc is able to analyze the substance without removing it from the packaging. Thus, eliminating the need to handle the substance and increasing safety for the officer. The handheld unit and hazardous kit cost \$40,000.

Funding Sources: Capital Outlay, Department of Justice Grants, Congressionally Directed Spending

Total Project Budget: \$272,000



TruNarc Handheld Analyzer



Mobile Command Vehicle

16.0 POLICE DEPARTMENT INTERIOR IMPROVEMENTS (ICIP 2026-004)

Summary:

Bloomfield PD Indoor Shooting Range- The shooting range would provide opportunity for the officers to conduct training that previously was hindered by coordinating range time during the officer's time off. The availability of a firearms range at the PD would allow officers training during inclement weather, during their shift, or in conjunction with their shift. The facility would allow range masters the ability to tailor training needs to specific officers and provide better instructor to trainee ratio, creating a safer training environment. The facility would offer multiple training conditions including lowlight environment, where sixty to eighty percent of officer involved shooting occur. The facility would also help reduce overtime since the current training facility is twenty miles and over thirty minutes away. The range could be used as a recruitment tool since there are very few departments with such a facility. BPD would make the range available to surrounding agencies should they want to use it. The benefits of the range will be having a firearms training facility located at the Bloomfield Police Department that allows quality training with the least amount of inconvenience to the employees. This will be accomplished by having reduced overtime incurred, having the convenience of multiple shooting scenarios regardless of weather or time allotments. The range will allow range masters the ability to spend more time on with average shooters, developing their skills, providing training, and having the resource to improve on basic shooting abilities.

Bloomfield PD Real Time Crime Center (RTCC) maintains 40+ cameras that are placed strategically within city limits. The crime center is needing updates and expansion which includes additional servers in the IT room, cameras to provide security for their "Safe Places" and to eliminate any holes in the system across city limits. PD also needs switches that allow communication from the center to the cameras. A license plate reader will notify the center of a stolen vehicle or of a driver that has existing warrants. This technology will help the department stay informed of what is entering the city. Additional light poles in the parks will provide safety to places that previously had to be patrolled on foot.

Bloomfield PD Building. The carpet at the police department has become damaged and torn from everyday use. All three floors of the building's carpet need replacement.

Funding Sources: Capital Outlay, Department of Justice Grants, Congressionally Directed Spending

Bloomfield Police Department Indoor Shooting Range	\$	1,200,000
Real Time Crime Center (RTCC) Upgrades & Expansion	\$	200,000
Replace Carpets	\$	75,000
Total Project Budget	\$	1,475,000



17.0 LAW ENFORCEMENT BODY ARMOR (ICIP 2026-005)

Summary:

Body armor has been widely available for use by law enforcement personnel for more than 25 years. The dramatic reduction in officer homicides following the introduction of body armor attests to the protection it provides. This success story extends far beyond protection from handguns—an estimated 2,500 lives have been spared, including cases in which body armor prevented serious injuries to officers from other types of assaults or accidents. Body armor has an expiration date of 5 years from manufacture date. To ensure compliance and that officer protection is maximized new body armor vests are needed. BPD needs to replace 15 vests. Each vest is \$1500, for a total of \$22,500.

Funding Sources: Firehouse Sub's Grant, Capital Outlay, Department of Justice Grants, Congressionally Directed Spending

Total Project Budget: \$25,000



Law Enforcement Body Armor Vest

18.0 SECURING WATER PLANT FACILITY (ICIP 2026-006)

Summary: Securing public water resources from accidental and intentional threats is a top priority for public safety. There have been incidents in the past where people have driven through the WT property into the wash and became stuck. The water treatment facility needs a secured access gate and fence to keep inquisitive community members from entering the WT property.

Funding Sources: Department of Homeland Security Grants, Capital Outlay, Local Government Funds

Total Project Budget: \$ 60,000



19.0 WATER PLANT IMPROVEMENTS (ICIP 2027-001)

Summary:

Sludge Remediation Equipment Rehabilitation/Replacement: The water treatment system's solids remediation equipment has fallen into disrepair and needs to be replaced. This is a crucial step engineered by the systems designer. As of now the solids are removed by shutting down 1 of the 2 units and hiring a contractor to clean. This brings the operation of the plant down to 50% during this time which can create problems if the demand for water increases significantly. If the equipment is replaced the WT personnel can focus more attention on other pertinent aspects of the treatment facility and can adhere to a scheduled maintenance program.

New Baffled Clearwell Design & Construction To improve the quality of water and to reduce chlorine usage, a serpentine curtain arrangement should be designed to increase contact time. The overflow support structure should be replaced, and the expansion joint seams should be re-grouted. These are a few improvements mentioned in the clear-well inspection conducted in 2020.

Backwash Pond Baffling The Bloomfield Water Plant (WFP) is a direct filtration plant, providing coagulation, flocculation, filtration, disinfection, fluoridation and corrosion control to produce drinking water. During the process, backwash water is routinely drained to the backwash water pond where the solids are settled by gravity to the bottom of the pond. Once a sufficient quantity of solids has settled, the backwash is recycled to the water reclamation facility for retreatment. Currently the backwash discharge pipe and sewer line are 5 feet apart. To increase settling time, baffles are needed in the pond. This will allow solids to settle at the bottom of the pond

Chlorine Injections Chase/Conduit Bleach or sodium hypochlorite solutions contain some caustic to help stabilize the chlorine. What is happening is that over time the bleach and caustic solutions are dissolving the PVC glue. The line from the chlorine storage to injection point needs a conduit or chase to easily replace any deteriorating line.

Funding Sources: Waste & Waste Disposal Loan & Grant Program in New Mexico, Capital Outlay, Grants Congressionally Directed Spending, WaterSMART grants, DOI Grants, Bipartisan Infrastructure Law Grants, Capital Outlay, Water Trust Board, EPA Water Infrastructure Improvements for the Nation Small and Underserved Communities Emerging Contaminants Grant Program, EPA Grants .

New Baffled Clearwell Design & Construction	\$	500,000
Backwash Pond Baffling	\$	50,000
Chlorine Injections Chase/Conduit	\$	15,000
Total Project Budget	\$	565,000



20.0 BLOOMFIELD CULTURAL CENTER / LIBRARY / GYMNASIUM BUILDING IMPROVEMENTS (ICIP 2027-002)

Summary:

Exterior Stucco and Painting Improvement- Stucco repair is needed for the gymnasium building. The work would include all crack repair and painting of the building exterior including doors. Also replacing gutters and downspouts on the west side of the building.

Fire Alarm Control Panel Replacement- The fire panel that controls the fire alarm and sprinkler system needs to be replaced. The panel is not operational at this time. This is a crucial system that can help save lives and property.

HVAC Replacement The climate control for the gymnasium is a swamp cooler and it does not cool efficiently in the warmer months. It will need to be updated.

Funding Sources: Capital Outlay, Federal Grants, Local Government Funds

Exterior Stucco and Painting Improvement	\$	330,000
Fire Alarm Control Panel Replacement	\$	50,000
HVAC Replacement	\$	85,000
Total Project Budget	\$	465,000



West Side of Gymnasium



East Side of Gymnasium



Fire Panel



HVAC Replacement

21.0 AQUATIC CENTER IMPROVEMENTS (ICIP 2027-003)

Summary: The existing equipment is not providing appropriate ventilation of chlorine vapor and is a concern for building repairs and sickness of the swimmers. The City of Bloomfield and the Bloomfield school district share operating responsibility and building upgrades would require agreement from both parties.

There are also 60 clear roof domes that need to be replaced. The domes have holes and cracks in them, and one appears to have black paint on it.

Funding Sources: Capital Outlay, Federal Grants

Total Project Budget: \$312,784



22.0 EMS PARK IMPROVEMENTS (ICIP 2027-004)

Summary: The park at W. Main and S. Eva Lane behind the EMS building has been donated to the City of Bloomfield. The park does not have shelter and has very limited equipment. We would like to add more equipment and a sensory garden. Preliminary design needs to be completed to assess future improvements.

Funding Sources: Outdoor Equity Fund, Grants, Capital Outlay

Total Project Budget: \$100,000



Park View from W. Main Towards S. Eva Lane



Park View along W. Main

23.0 BLOOMFIELD MEMORIAL PARK IMPROVEMENTS (ICIP 2027-005)

Summary: Bloomfield Memorial Park is undeveloped at this time. Located on North Kirby Lane, it is a 6.35 acre park with a two-acre pond and natural features. Future plans include nature trails, a playground, restrooms, picnic areas, parking and a Veteran memorial area. To increase the hospitality of the city to visitors and citizens.

The idea is to present to the public a picture of our community heritage and congeniality.

Funding Sources: Arts and Public Spaces Grant, Local Funds, Veterans Legacy Grant Program, Maritime Heritage Grants Program, Underrepresented Communities Grant Program, Local Funda

Total Project Budget: \$5,329,077



24.0 CITY LIMIT WELCOME IMPROVEMENTS (ICIP 2027-006)

Summary: To increase the hospitality of the city to visitors and citizens, stained concrete in the medians near city limits on N. 1st St., W. Broadway Blvd., and S. Bloomfield Blvd. The city limits on the east side of town, E. Broadway Blvd – Hwy 64 does not allow for a median.

The idea is to present to the public a picture of our community heritage and congeniality.

Funding Sources: Arts and Public Spaces Grant, Local Funds

Total Project Budget: \$50,000



25.0 SOLAR ARRAY PROJECT PHASE I (ICIP 2027-007)

Summary: The importance of being self-sufficient in terms of energy is very apparent today and the City of Bloomfield relies on the City of Farmington for our electricity. Adding a solar array would help the City of Bloomfield to not have to be as reliant on Farmington for electricity. It would also decrease what we would owe them, and we could then apply those funds elsewhere. A preliminary engineering report including archeological and environmental surveys will be beneficial to starting this process.

Funding Sources: Federal Energy & Water Development Grants, NM – Energy Efficiency & Renewable Energy Bond Program

Total Project Budget: \$11,259,211



26.0 SALMON PARK IMPROVEMENTS (ICIP 2027-008)

Summary:

Salmon Park: All-Abilities Playground - Plan, design, furnish and construct for an all-abilities playground. This playground will be located at Salmon Park. A geotechnical evaluation of the existing subgrade of the playground, parking lots, and Sycamore Ave will also be performed to recommend the subgrade preparation and pavement cross-sections. Construction by the sitework contractor will include interior sidewalks, the reconstruction of 3 parking lots to include ADA facilities, the reconstruction of a portion of Sycamore Avenue to improve access to the park and the construction of new curb, sidewalk, ADA ramps, and a crosswalk on 5th Street to connect the school to the new facility with an accessible route. It will feature Exerplay equipment that is for children with disabilities as well as those with special needs. Examples are equipment with sensory processing differences, spinners that have wheelchair accessible options, etc.

Salmon Park: Competition Horseshoe Facilities Improvement of Salmon Park’s existing Horseshoe pitching court to a competition standards facility would put us in the statewide tournament circuit. With being a tournament location, the city would be able to host several events through spring and summer months bringing in much needed revenue. The project cost would include six pitching courts, concrete walkways, and a perimeter fence.

Funding Sources: Federal Congressionally Directed Spending application was submitted to Senator Lujan and Federal Grants, National Horseshoe Pitchers Foundation (NHPF), Capital Outlay, Local Funds

Salmon Park All-abilities Playground	\$	3,314,610
Salmon Park – Competition Horseshoe Facilities	\$	60,000
Total Project Budget	\$	3,374,610



27.0 ELECTRIC FLEET VEHICLES AND CHARGING STATIONS (ICIP 2028-001)

Summary:

The Bipartisan Infrastructure Law invested \$7.5 Billion in EV charging and \$10 Billion in Clean transportation. Bloomfield is located on a corridor of tourist travel

The City of Bloomfield would like to put in four Solar Panel EV Charging Stations throughout Bloomfield. Solar panel charging stations would help keep the cost down that we would incur from the City of Farmington. We feel as though this would be a great investment for the city as we currently do not have one charging station. When people come in from Albuquerque on Highway 550, they come into Bloomfield first. Having these charging stations could help bring in tourists who could dine in our restaurants and shop in our stores. We are looking at putting the stations at City Hall, Cultural Center, Salmon Park, and one down on Vereda Del Rio Riverwalk.

Funding Sources: Submitted an application through Grants.gov for their Charging and Fueling Infrastructure Discretionary Grant Program, DOE Federal Grants, Capital Outlay, DOT Grants

Electric Fleet Vehicles	\$	550,000
Electric Vehicles Charging Stations	\$	600,000
Total Project Budget	\$	1,150,000



28.0 VEREDA DEL RIO SAN JUAN RIVERWALK IMPROVEMENTS (ICIP 2028-002)

Summary: The Bloomfield City Council in 2005 passed Resolution 2005-11, which was for the construction of trails, bicycle paths, and pedestrian walkways. City land was cleared of trees to reduce the risk of wildfires, and the land – which paralleled much of the San Juan River was dedicated as the Vereda de Rio San Juan area. The City would like to increase outdoor recreation at the Park to include a Pump track, Pickleball Courts, and a Dog Park

Funding Sources: New Mexico Outdoor Recreation Division Grants, Outdoor Equity Fund, Outdoor Recreation Trails & Grant, Capital Outlay and City Funding

Vereda Del Rio San Juan Pump Track	\$	400,000
Vereda Del Rio San Juan Pickle Ball Courts	\$	100,000
Vereda Del Rio San Juan Dog Park	\$	75,000
Trail Development	\$	38,418
Total Project Budget	\$	613,418



29.0 CITY HALL IMPROVEMENTS (ICIP 2028-003)

Summary:

City Hall Plumbing Upgrades and Improvements: Most of the plumbing fixtures in City Hall are from the 1982 original construction. Sewer laterals frequently backed up. Camera exploration of the lateral have revealed clogs. Sections of the laterals need to be replaced. Toilet Fixtures need replacing. The Gym bathrooms need remodeling to include lockers and new shower facilities.

City Hall Server Room HVAC Mini Split Purchase: Server rooms should maintain a temperature range between 68 to 71 degrees. Server space temperature level is among the essential metrics in any data center environment. When the environment is too hot, overheating can happen, which can result in unanticipated server downtime. Keeping server rooms listed below the maximum temperature level and above the minimum is vital for performance in the long run.

City Hall Conference Room Improvements Online meetings became commonplace during the COVID pandemic. While most CPUs have the capacity to hold online meetings. Many times groups of individuals need to be present at the meeting to have informal sidebars. The City Hall Conference Room would benefit by becoming a location to have a group online meeting. This would include a new CPU, Flatscreen TV, speaker and microphone.

City Hall LED Sign The City of Bloomfield needs to update our sign at City Hall. The sign we currently have is old and somewhat difficult to see. We are proposing an LED sign to put up that would be more appealing and noticeable for those who have difficulty finding City Hall. It would also help to improve the overall look of our city.

Funding Sources: Capital Outlay, Local Funds, Corporate Sponsorship

City Hall Plumbing Upgrades and Improvements	\$	75,000
City Hall Server Room HVAC Mini Split Purchase	\$	50,000
City Hall Conference Room Improvements	\$	20,000
City Hall LED Sign	\$	20,000
Total Project Budget	\$	165,000



30.0 EAST BLANCO ROAD RECONSTRUCTION (ICIP 2028-004)

Summary: E. Blanco Road needs to be expanded and add bike lanes and sidewalks to match the East Blanco bridge design. Currently, E. Blanco Road is a very narrow two lane with no sidewalks.

Funding Sources: Capital Outlay, Local Funds, NMDOT

Total Project Budget: \$ 12,150,087

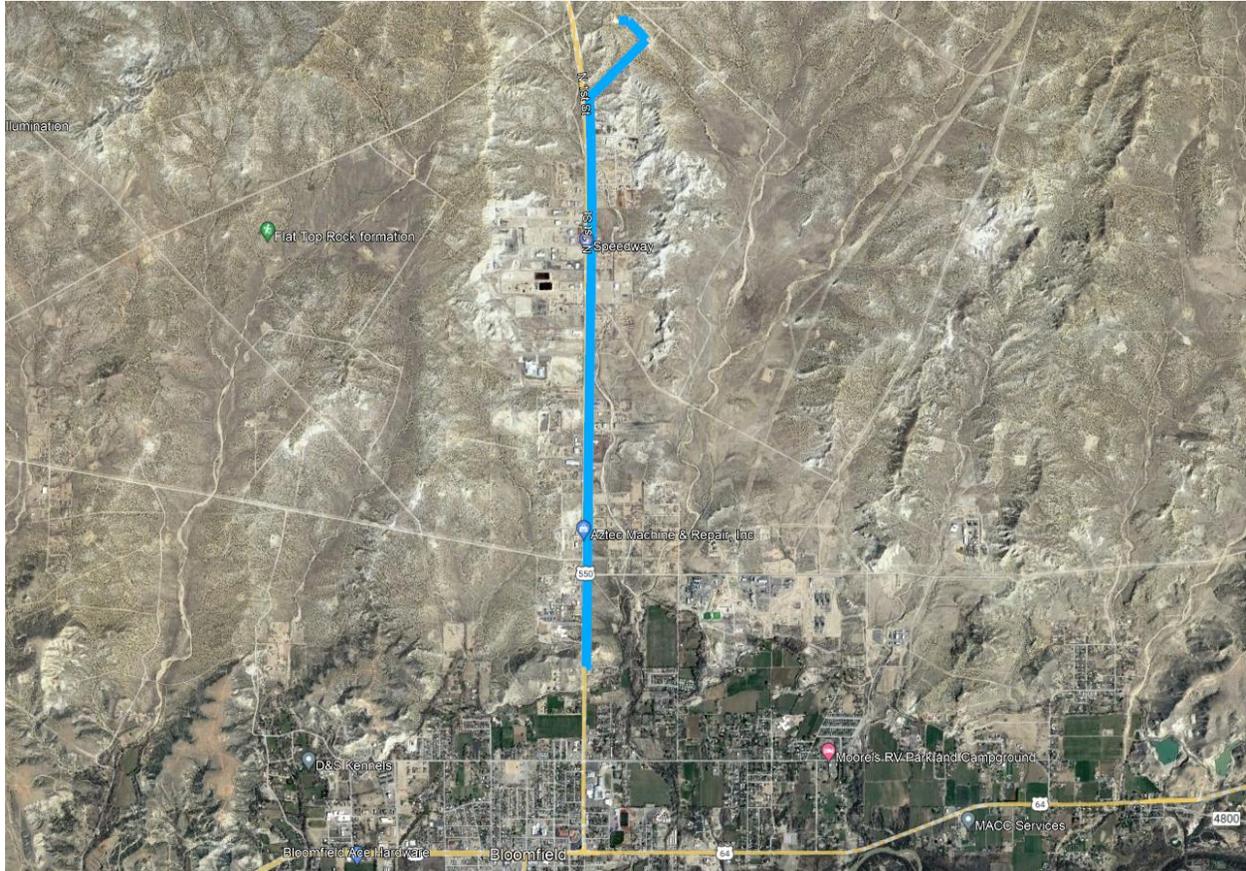


31.0 AZTEC WATERLINE REPLACEMENT & PUMP HOUSE IMPROVEMENTS (ICIP 2028-005)

Summary: Design and construct water main from the North Tank to City of Bloomfield tanks located by B Hill. The City of Bloomfield leases this line from the City of Aztec, but when it was initially constructed in 2001, cathodic protection was not included and the pipe material began to corrode. The City of Aztec has designed the replacement and requesting funding for the line should be a joint effort between Aztec and Bloomfield.

Funding Sources: Capital Outlay, Local Funds, Water Trust Board, SMARTwater Grants

Total Project Budget: \$1,520,000



32.0 TIRE RECYCLING & ILLEGAL DUMPSITE CLEAN-UP (ICIP 2028-006)

Summary: Clean up and improve the areas surrounding Bloomfield as they have old tires that are discarded in the middle of nowhere instead of being disposed of properly.

Funding Sources: Capital Outlay, RAID Grant (NMED Recycling and Illegal Dumping Fund), Recycling, Illegal Dumping, and Scrap Tire Management Rules (RIDSTMR)

Total Project Budget: \$95,000



33.0 RECLAIMED WATER MAINS PROJECT (ICIP 2028-007)

Summary: Using reclaimed water is an efficient way to irrigate landscaping affected by drought. Reclaimed water contains nutrients like nitrogen and phosphorus, along with high levels of salt. For the most part, plants and grasses native to the area can be irrigated with reclaimed water. However, there are some plants that do not respond well to the salt in reclaimed water, causing issues like leaf burn.

Funding Sources: Capital Outlay

Total Project Budget: \$341,058



34.0 COMPOSTING SITE & EQUIPMENT (ICIP 2028-008)

Summary: Also referred to as commercial composting, industrial composting is large-scale composting which is designed to handle a high volume of organic waste. This compost that is produced can be sold to farms and plant nurseries or to individuals depending on how the facility is organized. A typical industrial composting operation collects waste from grocery stores, restaurants, campus communities, green waste bins collected from households of individual families, and other commercial facilities with compost bins. Many facilities work along with garbage and recycling agencies to make composting easily accessible for individuals. Bloomfield would benefit from this facility with the local agriculture.

Funding Sources: Capital Outlay, USDA Grants, Composting and Food Waste Reduction cooperative agreements,

Total Project Budget: \$2,830,545



35.0 BANK STABILIZATION & RIPARIAN RESTORATION (ICIP 2028-009)

Summary: Determining the condition, potential, and sources of impairment of the riparian area is a vital step in planning an appropriate restoration project. Streams function to move sediment and water down gradient. Alterations to the hydrologic regime, channel morphology, and watershed condition all affect the ability of the stream to perform its intended functions. Hydrologic alterations such as dams, levees, berms, channel straightening, and rip-rap adversely affect the ability of the stream to distribute energy and material. Functioning streams must have access to their natural floodplains in order to distribute excess sediment and energy in support of sustainable riparian ecosystems.

Channels that are stable are in balance with their landscape position. Channel form is dependent on gradient, substrate size, and watershed discharge. Depending on stream type, a healthy channel has a characteristic width depth ratio, access to its floodplain, and incisement ratio.

Funding Sources: Capital Outlay, FEMA/DHSEM Pre-disaster Mitigation Grant, River Stewardship Program, New Mexico Environmental Department-Surface Water Quality Bureau,

Total Project Budget: \$843,382



36.0 OLD BOYS & GIRLS CLUB RENOVATIONS (ICIP 2028-010)

Summary: The Old Boys & Girls Club is in a prime location for a downtown revitalization project. In order to proceed, remediation of the asbestos in the tile mastic will need to occur. Received report from Envirotech on lead and asbestos. a quote from Envirotech on 11/21 to have it removed: \$14,648.

Funding Sources: Capital Outlay, Local Government Funds, Destination Forward

Total Project Budget: \$2,822,314



37.0 LYBERTEE PARK IMPROVEMENTS (ICIP 2028-011)

Summary: Lyberty Park is 150 acres of undeveloped land and is located off West Blanco Blvd. at Bergin Lane. It consists of bike and hiking trails. The park has a picnic area with two concrete tables and a fireplace. It also has vault style restrooms. At the very top of the park is a shelter that overlooks the beautiful City of Bloomfield. Lyberty Park is extensively used by ATV and off road recreational vehicles. There are also pristine areas that include cedars, sages and an abundance of spring wildflowers.

Funding Sources: Capital Outlay, New Mexico Department of Game and Fish Off-Highway Vehicle Grants

Total Project Budget: \$20,000

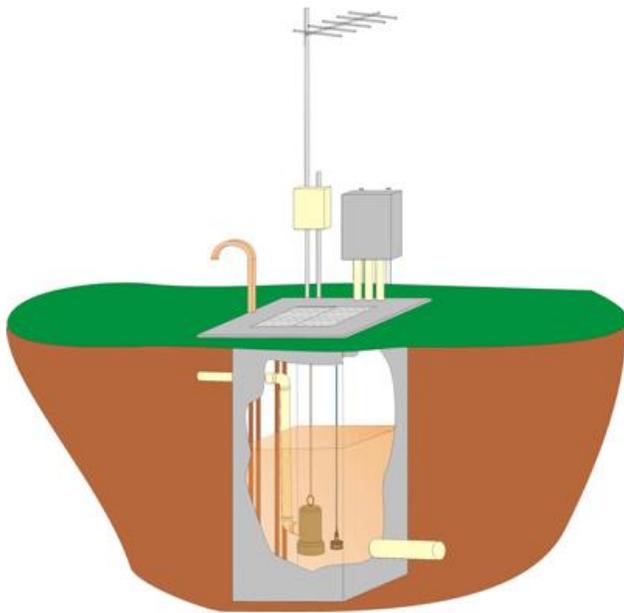


38.0 LIFT STATIONS UPGRADE (ICIP 2028-012)

Summary: Lift stations, also called pumping stations, contain pumps, valves, and electrical equipment necessary to move liquids (usually water, wastewater, or sewage) from low to high elevation. They may be used to overcome inadequate head, to provide easy-to-install pumping solutions, or to provide economic alternatives to other pumping options. For example, wastewater may be transported by elevating it first (using a lift station) and letting it flow through a system by gravity. This may be more economical than installing pumps to move the fluid in the system itself. Lift stations, especially those for sewage and wastewater, are installed in difficult operating environments. Both inside and outside are constantly subject to corrosion. Proper maintenance is required to maintain and protect the steel surfaces of these stations. In particular, grease and odors can result in major problems in an isolated, unmaintained lift station.

Funding Sources: Capital Outlay, Water Trust Board

Total Project Budget: \$800,000



39.0 ADVANCED METERING INFRASTRUCTURE (AMI) UPGRADE (ICIP 2028-013)

Summary: Advanced Metering Infrastructure (AMI) provides numerous benefits to water utilities. AMI improves a utility's ability to collect frequent and accurate water usage data to improve billing, leak detection, and water resource management. The types of water meters used by utilities have evolved over time. Older technology required that utilities send meter readers to individual sites (such as homes) to physically read meters. As the technology changed, meters that allowed for automated meter reading (AMR) became more prevalent. This provided some savings to utilities as meter readers could collect data by, for example, simply driving their truck down a street and remotely getting data from meters as they passed by. This made it possible for utilities to reduce the staff time needed to read all meters and bill more frequently. As water utilities look to replace older water meters, another option has emerged. AMI meters provide for remote collection of water use data - in real time. This supports more frequent billing, but more importantly also allows a utility to quickly identify excessive water use that could be the result of leaks.

Funding Sources: Water Trust Board, Capital Outlay

Total Project Budget: \$3,400,000

