



CITY OF BLOOMFIELD
FISCAL YEARS 2021-2025
INFRASTRUCTURE CAPITAL IMPROVEMENT PLAN
August 20, 2019



Second Source Headworks during high sediment period in the San Juan River.

Prepared by:
Jason Thomas, PE
City Engineer/Public Works Director



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1.0 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 (July1, 2021 to June 30, 2025).” 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 updated list is provided as **Attachment B**. Detailed project descriptions are provided as **Attachment C**. 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. Two previous ICIP projects were fully funded last year due to the Fire Departments efforts to obtain grant funding: “Replace SCBA Equipment” and “Replace Microwave Repeater Station System”. The following sections provide a summary of the various projects on the proposed ICIP.

A summary table of this year’s projects follows:

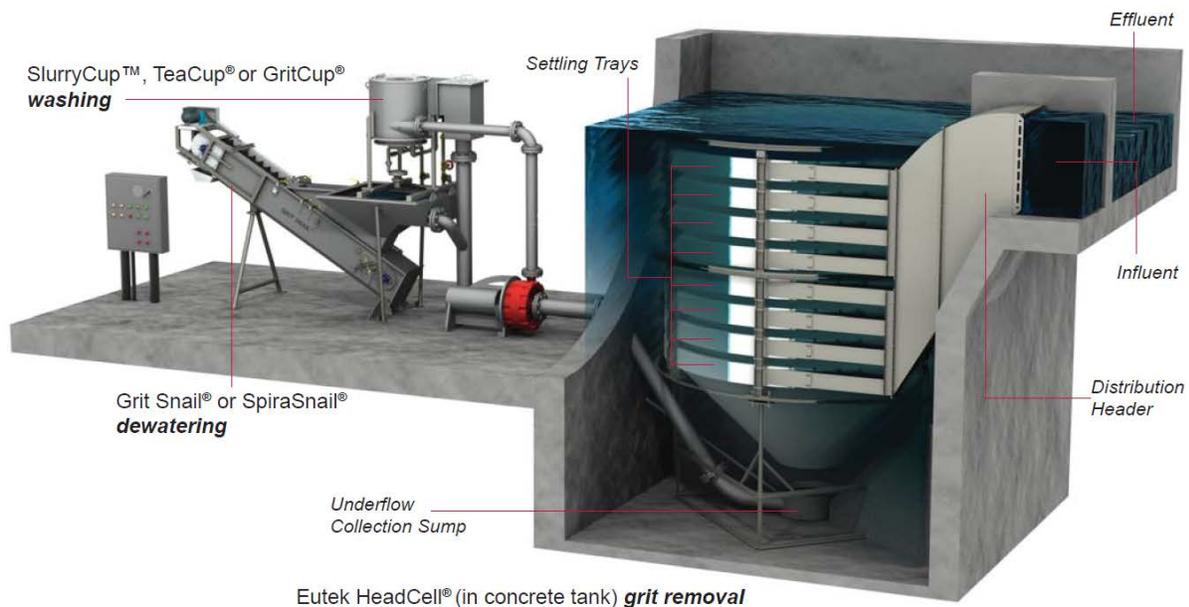
ICIP RANKING	PROJECT	TOTAL BUDGET
1	Second Source Upgrades	\$ 2,400,838
2	Wastewater Treatment Plant Improvements	\$ 13,805,152
3	East Blanco Bridge Replacement	\$ 3,337,110
4	East Tank Replacement	\$ 653,899
5	Police Vehicle Purchase	\$ 500,000
6	Replace Ladder Truck	\$ 1,500,000
7	Chip Seal or Overlay of Various Streets	\$ 421,139
8	Water Storage Tank Aeration	\$ 474,275
9	Replace Jet Rodder Truck	\$ 420,000
	TOTAL	\$ 23,512,403

2.0 SECOND SOURCE UPGRADES (ICIP Ranking 2021-001)

Summary: At the direction of Council, efforts to develop an alternate primary raw water source have been 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 riser structure 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, water monitoring probes, a new SCADA and PLC system, and electrical upgrades will also be included. One such grit/sediment removal device being considered is the Eutek HeadCell. A link to a demonstration video describing the HeadCell is provided: <https://www.youtube.com/watch?v=HBxCPDx3wRU>. An as-built survey of the facility was completed by Cheney-Walters-Echols this month (August 2019) using remaining Capital Outlay Grant funds SAP-16-A2289.

Funding Sources: One source of funding is already in place: the Capital Outlay Grant that was originally intended for the Riverbed Filtration Project. The remaining balance is \$127,818. This grant has already been used to complete an as-built survey of the facility. Remaining funds will be used to plan and design improvements to the facility.

Total Project Budget: \$2,400,838



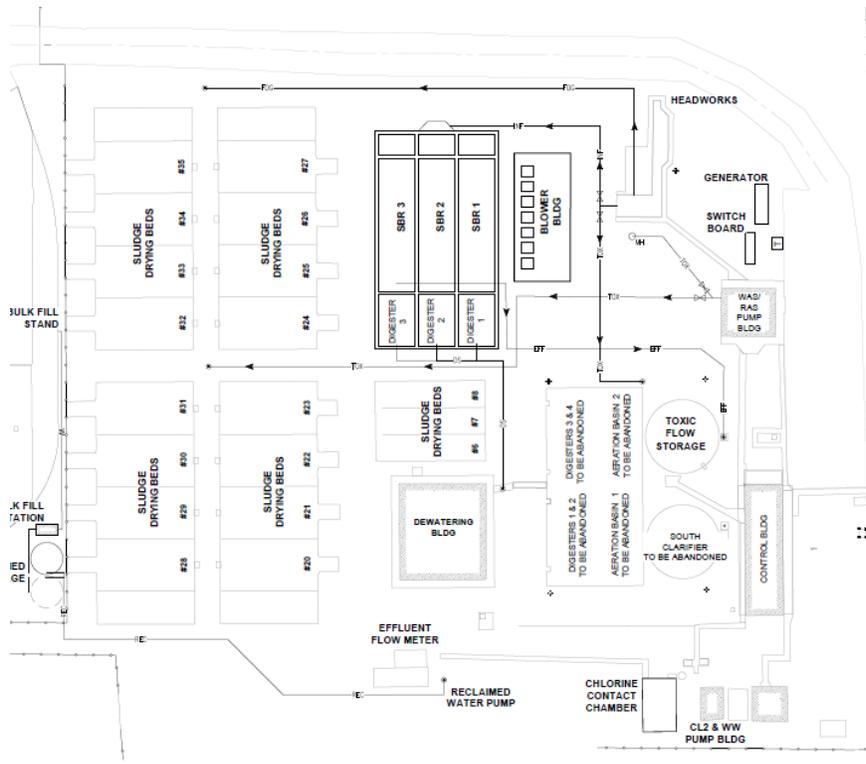
Eutek HeadCell for removing grit and sediment.

3.0 WASTEWATER TREATMENT PLANT IMPROVEMENTS (ICIP Ranking 2021-002)

Summary: The Water Reclamation Facility was constructed in 1979 with an upgrade in 2005. Concrete structures that make up the aeration basins, digesters, and clarifiers, are displaying cracks and spalling. Equipment is obsolete, and some parts must be specially fabricated. Treatment is less than optimal. Due to these issues, the facility is under an EPA Administrative Order that sets a compliance schedule for primary treatment upgrades by December 6, 2024. A Preliminary Engineering Report (PER) was completed in February 2018, and approved by City Council and the NMED. The concept plan calls for the construction of three Sequencing Batch Reactors (SBR's) to replace the extended activated sludge process. The final plans are being prepared by Bohannon Huston, and are near the 60% completion milestone. Final plans should be completed by the end of this calendar year.

Funding Sources: A Capital Outlay Grant totaling \$840,000 has been used to fund the PER, and is being used to fund the final design effort. A Clean Water State Revolving Loan Fund (CWSRF) grant/loan of \$100,000 is also being used for the remaining design effort. Last week another CWSRF offer of \$11,000,000 (\$7,650,000 loan and \$3,350,000 subsidy) was provided by the NMED. **The \$11M construction loan will require a sewer rate increase of at least \$3.22/1000.** The remaining balance of the project (\$1,900,000), including construction contingency, will be requested from Capital Outlay at the 2020 Legislative Session. An application for the effluent re-use portion of the project will be filed with the Water Trust Board for \$600,000.

Total Project Budget: 13,805,152



Proposed Site Layout from BHI Tech Memo dated March 1, 2019.

4.0 EAST BLANCO BRIDGE REPLACEMENT (ICIP Ranking 2021-003)

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 piers 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 final design is complete and Right of Way mapping and services are under way. The project is divided into two phases to accommodate limited funding: Phase I includes the relocation of utilities, and Phase II includes the construction of the bridge. Environmental and Utility Certifications for Phase I have been obtained from the NMDOT.

Funding Sources: An NMDOT Local Government Road Fund (LGRF) Grant in the amount of \$140,128 has been used for this effort. A NMDOT MAP Grant in the amount of \$420,383 with a required City match of \$140,128 is also being used to fund Phase I. A second MAP Grant in the amount of \$2,000,000, was applied for, but only an award of \$151,825 (State: \$113,869, City: \$37,956) was made. A new grant opportunity through the Farmington Metropolitan Planning Organization (FMPO) was also applied for in May 2019, and an award of \$95,000 may be forthcoming. Additional LGRF and MAP fund applications will be made in an attempt to fully fund the project.

Total Project Budget: \$3,337,110



Grouted Riprap placed in June 2017 to repair erosion around the piers.

5.0 EAST TANK REPLACEMENT (ICIP Ranking 2021-004)

Summary: The City of Bloomfield had a tank inspection performed on the 0.5 million gallon (MG) East Tank in October, 2017. The diver/inspector recommended lowering the working volume due to the poor condition of the tank. The tank appears to have been in continuous service since it was constructed in 1986. There is no indication of the tank ever being re-coated, and no evidence of cathodic protection from the diving inspection, or on the original drawings. The East Tank serves a majority of the city east of 550 and north of E. Blanco, and also serves areas outside the city, including The North Ranch Coves and Harvest Gold (operated by Apple Orchard Mutual Domestic Water Consumer's Association, AOMD). A bypass water line project was completed in 2018 so the tank could be removed from service. A Preliminary Engineering Report was completed in August 2019, which recommended that rehabilitation of the tank was the best option.

Funding Sources: The City was awarded \$500,000 in Capital Outlay Funds. Remaining needed funds can be taken from the Capital Replacement Fund. Even though this project is considered completely funded, its being maintained on the CIP in case bids come back very high.

Total Project Budget: \$653,899



Extremely corroded roof to be replaced with an aluminum free-standing dome roof.

6.0 POLICE VEHICLE PURCHASE (ICIP Ranking 2021-005)

Summary: The City has not purchased new police vehicles since 2013. Currently, there are 27 operable units, including all spares. A total of 17 have over 100,000 miles of rough service. 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 to purchase two new units annually, and take two old units out of service. However, City funding is not available to fund this plan, and grant funding for replacing vehicles is scarce.

Funding Sources: Possible funding sources include Capital Outlay Funds, and Federal Funds.

Total Project Budget: \$500,000



7.0 REPLACE LADDER TRUCK (ICIP 2021-006)

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 this year for the replacement truck. Other possible funding sources include a SAFER Grant (FEMA) or the State Fire Fund.

Total Project Budget: \$1,500,000



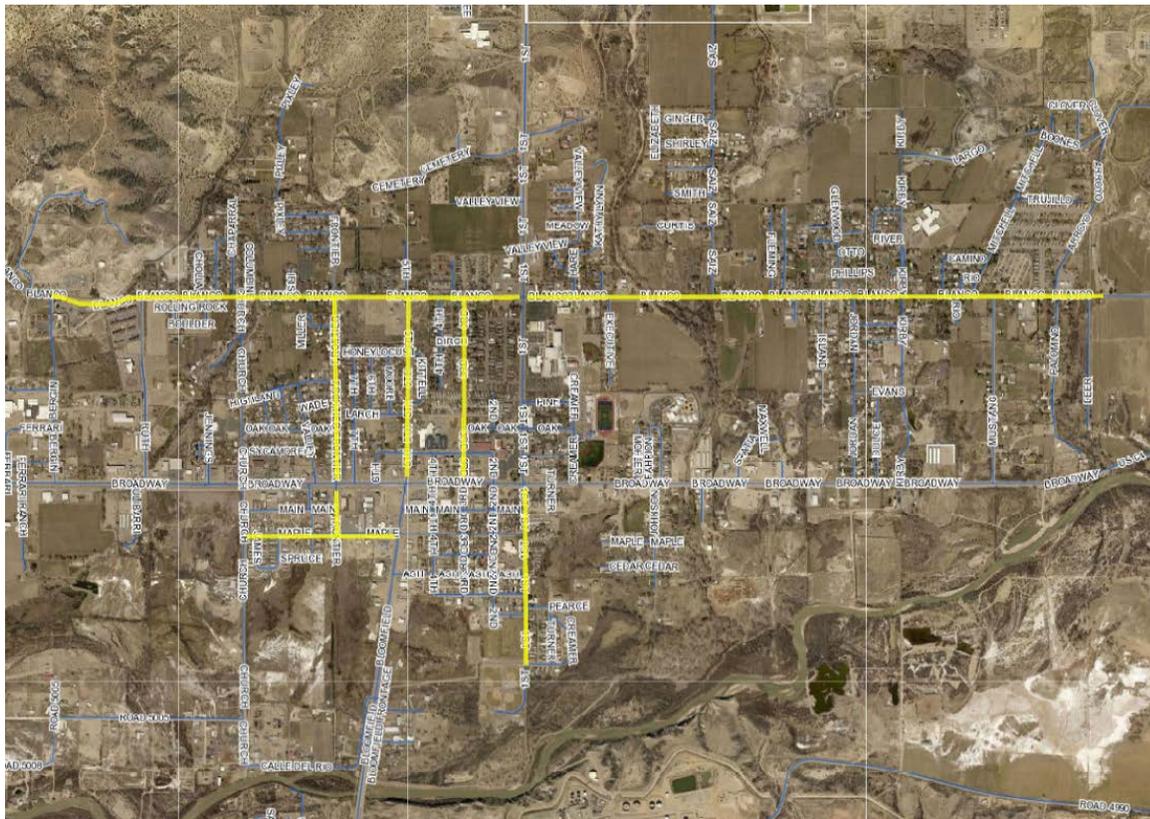
8.0 CHIP SEAL OR OVERLAY OF VARIOUS STREETS (ICIP 2021-007)

Summary: This City-wide project focuses on pavement preservation. A NMDOT Local Government Road Fund (LGRF) award in the amount of \$400,896 (State: \$375,672, City: 25,224) is in place. Due to delays in compiling Right of Way information, the project has not yet been awarded. Compiling Right of Way documentation was contracted to Cheney-Walters-Echols, and totaled \$20,243. This work will likely occur in the Spring 2020.

Last year, East Blanco Blvd was preserved with a double penetration chip seal overlay by San Juan County, through an agreement.

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

Total Project Budget: \$421,139



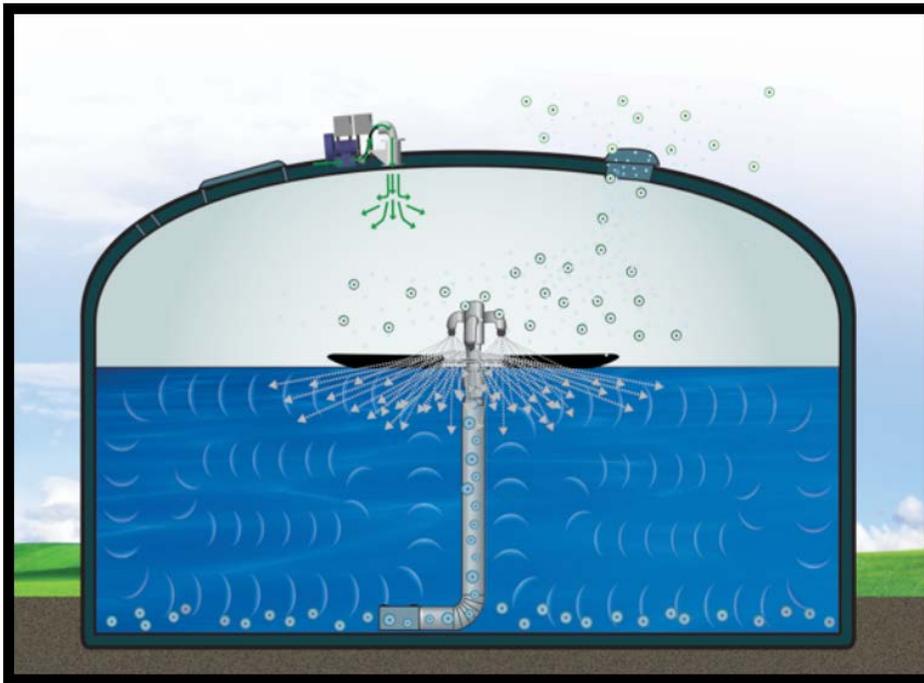
Map of Streets in LGRF Application plus East Blanco Blvd

9.0 WATER STORAGE TANK AERATION (ICIP 2021-008)

Summary: Prior to the circulation of water from the North Zone to the East Zone as part of the East Tank By-pass, the City had received Notices of Violation for high Total Trihalomethanes (TTHM's) in the North Pressure Zone of the water supply system. Testing in the 300,000 and 800,000 gallon tanks that supply this zone, indicate that in-tank aeration is a good option for reducing TTHM's there. Some testing in the Wilderness (West) Tank in the Central Pressure Zone indicate that in-tank aeration would also improve water quality. This project includes right of way survey for new electrical service, BLM and NMDOT permitting, constructing new power service (Farmington Electric) to these tank locations, construction of electrical controls, and purchase and installation of aeration equipment. An electrical load study has been performed so that a new electrical service estimate could be obtained from Farmington Electric. The cost of this load study was \$4,695. A link to view a demonstration of the proposed aeration equipment is provided: <https://www.youtube.com/watch?v=SiUUEEO9RcQ&feature=youtu.be>.

Funding Sources: Possible funding sources include the water operations budget, Water Trust Board, Capital Outlay, and NMED Rural Infrastructure Loan Program (RIP). A total of \$4,695 has been spent to perform a load study for the purpose of obtaining a new electrical service estimate from Farmington Electric.

Total Project Budget: \$474,275



A schematic of Medora Corporation's Grid Bee System

10.0 REPLACE JET RODDER TRUCK (ICIP 2021-009)

Summary: The Jet Rodder truck is a Vactor 2100 mounted on a 1990 Peterbuilt chassis. The truck is used to clear blocked sewer lines and storm sewers, clean lift stations, expose buried utilities using hydro excavation, clear the raw water line from the BID ditch to the reservoir, and other various **critical** functions in Public Works. Repairs to the clutches, gearboxes, displacement pump, electrical, and hydraulic systems have been necessary. Overheating has also occurred. Parts are obsolete, and “work-arounds” are becoming necessary to keep the unit operating. Since Fiscal Year 2018, the City has spent about \$38,600 in contract vacuum truck services due to the unreliability of this truck.

Funding Sources: Surplus Revenues from the Utility Fund could be set aside over the next few years to assist with the purchase of the truck. Capital Outlay may also be a source.

Total Project Budget: \$420,000



ATTACHMENT A
FY 20 – 24 ICIP PROJECT SUMMARY
(LAST YEAR'S PLAN)

Infrastructure Capital Improvement Plan FY 2020-2024

Bloomfield Project Summary

ID	Year	Rank	Project Title	Category	Funded to date	2020	2021	2022	2023	2024	Total	Amount	Phases?
											Project Cost	Not Yet Funded	
15948	2020	001	Water Supply Alternate Diversion	Water - Water Supply	366,325	200,000	100,000	3,292,774	0	0	3,959,099	3,592,774	Yes
15906	2020	002	Wastewater Treatment Plant Improvements	Water - Wastewater	840,000	79,000	10,306,475	0	0	0	11,225,475	10,385,475	No
21282	2020	003	East Blanco Blvd. Bridge Replacement	Transportation - Highways/Roads/Bridges	761,431	2,019,503	0	0	0	0	2,780,934	2,019,503	No
34761	2020	004	East Tank Replacement	Water - Water Supply	127,706	1,638,481	0	0	0	0	1,766,187	1,638,481	No
27905	2020	005	Police Vehicle Purchase	Vehicles - Public Safety Vehicle	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000	Yes
19846	2020	006	Replace Ladder Truck (1989)	Equipment - Public Safety Equipment	0	1,500,000	0	0	0	0	1,500,000	1,500,000	No
30014	2020	007	Chip Seal or Overlay of various Streets	Transportation - Highways/Roads/Bridges	56,725	400,896	0	0	0	0	457,621	400,896	No
27913	2020	008	Replace SCBA equipment	Facilities - Administrative Facilities	0	250,000	0	0	0	0	250,000	250,000	No
34787	2020	009	Water Storage Tank Aeration	Water - Water Supply	4,695	469,580	0	0	0	0	474,275	469,580	Yes
34815	2020	010	Replace Jet Rodder Truck	Water - Wastewater	0	420,000	0	0	0	0	420,000	420,000	No
34850	2020	011	Replace Repeater Station System	Equipment - Public Safety Equipment	0	65,000	0	0	0	0	65,000	65,000	No

Number of projects:	11												
Grand Totals	Funded to date:	Year 1:	Year 2:	Year 3:	Year 4:	Year 5:	Total Project Cost:						Total Not Yet Funded:
	2,156,882	7,142,460	10,506,475	3,392,774	100,000	100,000	23,398,592						21,241,708

ATTACHMENT B
FY 21 – 25 ICIP PROJECT SUMMARY
(THIS YEAR'S PLAN)

Infrastructure Capital Improvement Plan FY 2021-2025

Bloomfield Project Summary

ID	Year	Rank	Project Title	Category	Funded						Total	Amount	Phases?
					to date	2021	2022	2023	2024	2025	Project Cost	Not Yet Funded	
36474	2021	001	Second Source Upgrades	Facilities - Administrative Facilities	127,818	89,785	2,183,235	0	0	0	2,400,838	2,273,020	No
15906	2021	002	Wastewater Treatment Plant Improvements	Water - Wastewater	940,000	12,865,152	0	0	0	0	13,805,152	12,865,152	No
21282	2021	003	East Blanco Blvd. Bridge Replacement	Transportation - Highways/Roads/Bridges	921,189	2,415,921	0	0	0	0	3,337,110	2,415,921	No
34761	2021	004	East Tank Replacement	Water - Water Supply	653,899	0	0	0	0	0	653,899	0	No
27905	2021	005	Police Vehicle Purchase	Vehicles - Public Safety Vehicle	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000	Yes
19846	2021	006	Replace Ladder Truck (1989)	Equipment - Public Safety Equipment	0	1,500,000	0	0	0	0	1,500,000	1,500,000	No
30014	2021	007	Chip Seal or Overlay of various Streets	Transportation - Highways/Roads/Bridges	421,139	0	0	0	0	0	421,139	0	No
34787	2021	008	Water Storage Tank Aeration	Water - Water Supply	4,695	469,580	0	0	0	0	474,275	469,580	Yes
34815	2021	009	Replace Jet Rodder Truck	Water - Wastewater	0	420,000	0	0	0	0	420,000	420,000	No

Number of projects: 9

	Funded to date:	Year 1:	Year 2:	Year 3:	Year 4:	Year 5:	Total Project Cost:	Total Not Yet Funded:
Grand Totals	3,068,740	17,860,438	2,283,235	100,000	100,000	100,000	23,512,416	20,443,672

ATTACHMENT C
ICIP DETAILED CAPITAL PROJECT DESCRIPTIONS

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank 2021 001 **Priority:** High **ID:**36474
Project Title: Second Source Upgrades **Class:** New **Type/Subtype:** Facilities - Administrative Facilities
Contact Name: Jason Thomas **Contact Phone:** 5053337816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 2,400,838 **Proposed project start date:** 6/17/19
Project Location: 915 N. First St Bloomfield NM 87413 **Latitude:** 36.7084 **Longitude:** 107.9572
Legislative Language: Plan, design, construct, and equip upgrades to the Second Source Facility for the City of Bloomfield, San Juan County.
Scope of Work: Plan, design, construct, and equip upgrades to the Second Source Facility. At the direction of Council, efforts to develop an alternate primary raw water source have been 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 riser structure 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, water monitoring probes, a new SCADA and PLC system, and electrical upgrades will also be included. A remaining balance in Capital Outlay SP 16-A2289-STB will be used to plan and design improvements to the facility.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
CAP	127,818	Yes	127,818	0	2016	SAP 16-A2289-STB
CAP	2,274,000	No	0	0		Apply for in 21-22
SLOAN	2,274,000	No	0	0		Water Trust Board
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	4,675,818		127,818	0		

Infrastructure Capital Improvement Plan FY2021-2025

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.								
	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2021	2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	127,818	89,785	0	0	0	0	217,603
Construction	N/A	0	0	2,183,235	0	0	0	2,183,235
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		127,818	89,785	2,183,235	0	0	0	2,400,838
Amount Not Yet Funded		2,273,020						

PHASING BUDGET							
Can this project be phased? No							
Phasing: Stand Alone: Yes Multi-Phased: No							
A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.							
A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.							
If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.							
Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0

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3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

Has your local government/agency budgeted for operating expenses for the project when it is completed?							Yes
If no, please explain why:							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	20,000	20,000	20,000	20,000	20,000	100,000	
Annual Operating Revenues	0	0	0	0	0	0	

Does the project lower operating costs?

No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield					
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more

(b) Has the project had public input and buy-in? Yes

(c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. Bloomfield provides treated water to Apple Orchard Mutual Domestic, Blanco Water Users, and is a backup supply for the City of Aztec

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? No

Please explain. Jason Thomas, Public Works Director, will manage the project. Brad Ellsworth, Finance Director, and George Duncan, City Manager, will oversee the Public Works Director.

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- (f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes
If yes, please explain. Provides an alternative primary source of water to Bloomfield, other than the Bloomfield Irrigation District
- (g) **Does the project benefit all citizens within a recognized region, district or political subdivision?** Yes
If yes, please explain and provide the number of people that will benefit from the project. Provides an alternative primary source of water to Bloomfield, Apple Orchard Mutual Domestic, Blanco Water Users, and is a back-up supply for the City of Aztec.
- (h) **Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.** Yes
If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.) In the event of a Bloomfield Irrigation District ditch failure, the facility will act as an alternate primary water source. (Reference Ditch Failure Emergency in May 2016).

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank 2021 002 **Priority:** High **ID:**15906
Project Title: Wastewater Treatment Plant Improvements **Class:** Renovate/Repair **Type/Subtype:** Water - Wastewater
Contact Name: Jason Thomas **Contact Phone:** 505-333-7816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 13,805,152 **Proposed project start date:** 04/06/2017
Project Location: 1176 South Church Street Bloomfield NM 87413 **Latitude:** 36.7022 **Longitude:** 107.9914
Legislative Language: To plan, design, and construct improvements to the Wastewater Treatment plant in Bloomfield NM, San Juan County.
Scope of Work: The City of Bloomfield is under an EPA Administrative Order to complete primary treatment upgrades by December 6, 2024. Plant equipment (1979) is obsolete and treatment is less than optimal. Since Bloomfield cannot afford to finance a complete replacement, a major upgrade is being planned to re-use as much of the existing facility as possible. A Capital Outlay Grant is being used to update the Preliminary Engineering Report, and will also be used to complete the Final Design on a major plant upgrade. Final Design will be completed by December 2019.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
CAP	840,000	Yes	840,000	313,924	1/25/17	SAP 16-A4071-STBR
NMEDL	100,000	Yes	100,000	0	2/27/19	Loan CWSRF 091
NMEDDL	11,000,000	Yes	0	0		Offer Letter received 8/14/19
CAP	1,900,000	No	0	0		Request planned for 19-20 Sess
SLOAN	600,000	No	0	0		WTB app. Effluent Reuse
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	14,440,000		940,000	313,924		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.							
Completed	Funded to Date	Estimated Costs Not Yet Funded				2025	Total Project Cost
		2021	2022	2023	2024		

Infrastructure Capital Improvement Plan FY2021-2025

Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	Yes	0	0	0	0	0	0	0
Acquisition	Yes	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	0	0	0	0	0	0	0
Planning	Yes	115,424	0	0	0	0	0	115,424
Design (Engr./Arch.)	No	790,316	0	0	0	0	0	790,316
Construction	No	34,260	12,865,152	0	0	0	0	12,899,412
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		940,000	12,865,152	0	0	0	0	13,805,152
Amount Not Yet Funded		12,865,152						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes
If no, please explain why:	
ANNUAL OPERATING BUDGET	YEAR 1
Annual Operating Expenses plus Debt Service	YEAR 2
Annual Operating Revenues	YEAR 3
	YEAR 4
	YEAR 5
	TOTAL
	0
	1,122,884
	1,122,884
	1,122,884
	1,122,884
	4,491,536
	0
	1,200,000
	1,200,000
	1,200,000
	1,200,000
	4,800,000

Does the project lower operating costs? No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more

(b) Has the project had public input and buy-in? Yes

(c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. Bulk reclaimed water will be available for purchase by oil field/commercial businesses. Further, reclaimed water will replace potable water, making more potable water available.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. Public Works Director, Jason Thomas will administer the construction, with oversight by Brad Ellsworth, Finance Director, and George Duncan, City Manager

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Bulk reclaimed water will be available for purchase by oil field/commercial businesses.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. More potable water supply will be available for Bloomfield (7090), Blanco Water

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Users Ass'n (388), Apple Orchard MD (522), and Aztec (6,577, emergency connection).

(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert. Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

EPA Administrative Order CWA-06-2019-1778 mandates the upgrade of the facility.

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ICIP Capital Project Description

Year/Rank 2021 003 **Priority:** High **ID:**21282
Project Title: East Blanco Blvd. Bridge Replacement **Class:** Replace Existing **Type/Subtype:** Transportation - Highways/Roads/Bridges
Contact Name: Jason Thomas **Contact Phone:** 505-333-7816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 3,337,110 **Proposed project start date:** 08/04/2015
Project Location: 406 East Blanco Blvd. Bloomfield NM 87413 **Latitude:** 36.7433 **Longitude:** 107.9717

Legislative Language: To plan, design, and construct a triple box culvert to replace the existing bridge on East Blanco Blvd. in Bloomfield, NM, San Juan County.

Scope of Work: Plan, design, and construct a bridge replacement for the "functionally obsolete" bridge over Bloomfield Wash. East Blanco Blvd. is a minor arterial that connects businesses and neighborhoods (both inside the City limits and also in the County) to US Highway 550 and US Highway 64. The street is also a well-used pedestrian route: the Bloomfield High School and Bloomfield Aquatic Center are located at the west end of the street, at the intersection of US Highway 550. Most of the street lacks sidewalks, a buffer area between vehicles and pedestrians, and dedicated bike lanes. Two fatalities have occurred in recent years. The bridge over the Bloomfield Wash concentrates vehicles and pedestrians onto a facility with no ADA-accessible walks or buffers. There is a cantilevered wooden pedestrian walk, but pedestrians often walk over the bridge, where this is no railing or buffer. The bridge piers have also been severely scoured out by runoff in the wash. The proposed bridge is a concrete triple box culvert with concrete channels up- and down-stream, which will provide better resistance to scour. The project also includes utility relocation to accommodate the bridge. To date, the hydraulic calculations, Geotechnical Report, Final Design, Utility Relocation Drawings, Environmental Review, and Utility Review have been completed. ROW Acquisition is currently under way.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
DOT	420,383	Yes	420,383	4,116	2015	MAP
DOT	208,853	Yes	208,853	208,853	2015	LGRF
LFUNDS	140,128	Yes	140,128	0	2015	REQUIRED LOCAL MATCH
DOT	113,869	Yes	113,869	0	7/29/19	DOT MAP Grant L500379
DOT	37,956	Yes	37,956	0	7/29/19	Local Match for L500379
FGRANT	2,000,000	Yes	0	0		BUILD IT Grant-not awarded
	0	No	0	0		
	0	No	0	0		
TOTALS	2,921,189		921,189	212,969		

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Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.								
	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2021	2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	No	57,132	0	0	0	0	0	57,132
Acquisition	No	24,600	70,000	0	0	0	0	94,600
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	0	35,000	0	0	0	0	35,000
Planning	Yes	0	0	0	0	0	0	0
Design (Engr./Arch.)	Yes	311,632	0	0	0	0	0	311,632
Construction	No	527,825	2,310,921	0	0	0	0	2,838,746
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		921,189	2,415,921	0	0	0	0	3,337,110
Amount Not Yet Funded		2,415,921						

PHASING BUDGET							
Can this project be phased? No							
Phasing: Stand Alone: Yes Multi-Phased: No							
A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.							
A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.							
If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.							
Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	12
2	0	No	No	No	No	No	24

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3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

Has your local government/agency budgeted for operating expenses for the project when it is completed?							Yes
If no, please explain why:							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	10,000	10,000	10,000	10,000	10,000	50,000	
Annual Operating Revenues	34,000	34,000	34,000	34,000	34,000	170,000	

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

Major erosion repairs are often needed around the piers. The last repair with grouted riprap was performed in June 2017 for \$19,000, which was 1/5 of the total street maint. budget.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield					
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more

(b) Has the project had public input and buy-in? Yes

(c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. San Juan County - the bridge connects residents in the County to Hwy 550.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

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Please explain. Project managed by Jason Thomas, Public Works Director. Overseen by Brad Ellsworth, Finance Director, and George Duncan, City Manager, who both receive monthly updates.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Yes. Project is listed on the Farmington Metropolitan Planning Organization's Transportation Improvement Plan (TIP) and NMDOT's STIP.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project.

The total daily trips across the bridge in 2017 was 3,571. The benefit to cost ratio for the bridge replacement project was calculated to be 19:1, for the BUILD Grant Application.

(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert. Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Project provides safe ADA accessibility and bike lanes. One fatality has occurred on the bridge, and one fatality has occurred west of the bridge.

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ICIP Capital Project Description

Year/Rank 2021 004 **Priority:** High **ID:**34761
Project Title: East Tank Replacement **Class:** Renovate/Repair **Type/Subtype:** Water - Water Supply
Contact Name: Jason Thomas **Contact Phone:** 5053337816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 653,899 **Proposed project start date:** 11/01/2018
Project Location: 1104 N. First Street Bloomfield NM 87413 **Latitude:** 36.726667 **Longitude:** 107.9783333
Legislative Language: To plan, design, and rehab. the East Tank, in Bloomfield, San Juan County.
Scope of Work: Perform as-built survey, environmental and cultural resource report, update potable water storage PER, prepare final design for rehabilitating the existing 500,000 tank. PER to rehab. the tank was approved by City Council on 8/12/19 and by NMED on 8/14/19. Scope also included design and construction of a by-pass line and pressure reducing valve with City funds-this task is complete, and the tank is offline.

Secured and Potential Funding Budget:

State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.

Please complete table below with all secured and potential funding sources.

Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
CAP	500,000	Yes	500,000	0	9/21/18	SAP 18-C2272-STB
LFUNDS	153,899	Yes	153,899	0	8/19/19	Use City Cap. Replace. Funds
NONE	0	No	0	0		
NONE	0	No	0	0	0	0
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	653,899		653,899	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.

	Completed	Funded to Date	Estimated Costs Not Yet Funded				Total Project Cost
			2021	2022	2023	2024	

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Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	12,026	0	0	0	0	0	12,026
Planning	No	14,640	0	0	0	0	0	14,640
Design (Engr./Arch.)	No	25,200	0	0	0	0	0	25,200
Construction	No	602,033	0	0	0	0	0	602,033
Furnishing/Equipment	No	0	0	0	0	0	0	0
TOTALS		653,899	0	0	0	0	0	653,899
Amount Not Yet Funded		0						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	0	2,500	2,500	2,500	2,500	10,000
Annual Operating Revenues	0	2,500	2,500	2,500	2,500	10,000

Does the project lower operating costs?

No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield	City of Bloomfield
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more

(b) Has the project had public input and buy-in? Yes

(c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. Apple Orchard Mutual Domestic is served from this tank

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? No

Please explain. Managed by Jason Thomas, Public Works Director. Oversight by Brad Ellsworth, Finance Director, and George Duncan, City Manager, who will receive monthly updates.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Maintains the economy by improving the reliability of potable water storage for domestic and fire fighting use in the East Zone, which includes customers in the City and County

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. Ensures adequate potable water and fire fighting supply in the east zone, which

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includes portions of the City and County.

(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert. Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

A diving inspection performed in October 2017 indicated that corrosion on structural components is severe, and the tank is in need of immediate replacement.

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ICIP Capital Project Description

Year/Rank 2021 005 **Priority:** High **ID:**27905
Project Title: Police Vehicle Purchase **Class:** Replace Existing **Type/Subtype:** Vehicles - Public Safety Vehicle
Contact Name: David Karst **Contact Phone:** 505-632-6340 **Contact E-mail:** karstd@bloomfieldnm.gov
Total project cost: 500,000 **Proposed project start date:** 12/01/2018
Project Location: Ruth Lane Bloomfield NM 87413 **Latitude:** 36.7155 **Longitude:** 107.9978
Legislative Language: To purchase and equip two police vehicles for the City of Bloomfield, San Juan County.
Scope of Work: Purchase and equip two police vehicles through a state or other purchasing agreement. Two old vehicles will be taken out of service. Two vehicles will be replaced each year.

Secured and Potential Funding Budget:

State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.

Please complete table below with all secured and potential funding sources.

Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
LFUNDS	8,000	No	0	0		local match
FGRANT	492,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	500,000		0	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.

	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2021	2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0

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Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	No	0	100,000	100,000	100,000	100,000	100,000	500,000
TOTALS		0	100,000	100,000	100,000	100,000	100,000	500,000
Amount Not Yet Funded		500,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	100,000	No	No	No	Yes	No	12
2	100,000	No	No	No	Yes	No	12
3	100,000	No	No	No	Yes	No	12
4	100,000	No	No	No	Yes	No	12
5	100,000	No	No	No	Yes	No	12
TOTAL	500,000						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	42,000	42,000	42,000	42,000	42,000	210,000
Annual Operating Revenues	0	0	0	0	0	0

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

The fleet is aging, and some units are requiring engine replacements at about \$9,100 per unit. The replacement of two units would save \$18,200 per year.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield	City of Bloomfield	Police Department	City of Bloomfield	City of Bloomfield	City of Bloomfield
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 1-9 years

(b) Has the project had public input and buy-in? Yes

(c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Cities of Aztec and Farmington and San Juan County are all part of a joint powers agreement, where police coverage is shared.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. David Karst will oversee the project, with oversight from Brad Ellsworth, Finance Director.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Will enable more reliable patrol coverage and reduction in crime.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. The reliability of Bloomfield patrol vehicles will also enhance support to the Cities of

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Aztec, Farmington, and San Juan County Sheriff's Office.

(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.

Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Esnures reliable police coverage

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ICIP Capital Project Description

Year/Rank 2021 006 **Priority:** High **ID:**19846
Project Title: Replace Ladder Truck (1989) **Class:** Replace Existing **Type/Subtype:** Equipment - Public Safety Equipment
Contact Name: John Mohler **Contact Phone:** 505-632-6362 **Contact E-mail:** jmohler@bloomfieldnm.com
Total project cost: 1,500,000 **Proposed project start date:** 07/01/2019
Project Location: Bloomfield Bloomfield NM 87413 **Latitude:** 36.7192 **Longitude:** 107.9800
Legislative Language: Purchase, equip, and replace Fire Department Equipment to include the 1989 Ladder truck, using state or other procurement agreement. The old ladder truck will be taken out of service.
Scope of Work: As part of the City's strategic planning initiative, the fire department will adhere to a vehicle and apparatus replacement schedule. This will allow the City and the Fire Department to better plan for capital purchases of this equipment. Purchases/ refurbishing scheduled for the next five years include brush truck two, ladder truck, rescue two vehicle, and suburban.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
LFUNDS	10,000	Yes	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	10,000		0	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.							
	Completed	Funded to Date	Estimated Costs Not Yet Funded				Total Project Cost
			2021	2022	2023	2024	
Water Rights	N/A	0	0	0	0	0	0

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	No	0	1,500,000	0	0	0	0	1,500,000
TOTALS		0	1,500,000	0	0	0	0	1,500,000
Amount Not Yet Funded		1,500,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: No Multi-Phased: No

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?						Yes
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	42,000	42,000	42,000	42,000	42,000	210,000
Annual Operating Revenues	0	0	0	0	0	0

Does the project lower operating costs? No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield	City of Bloomfield	Fire Department	City of Bloomfield	City of Bloomfield	City of Bloomfield
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 1-9 years
- (b) Has the project had public input and buy-in? Yes
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes
- (d) Regionalism - Does the project directly benefit an entity other than itself? Yes
 If yes, please list the other entity. San Juan County, City of Aztec, and City of Farmington all participate in a county-wide response system.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
 Please explain. John Mohler, Fire Chief will administer the project. Brad Ellsworth, Finance Director, will oversee the project.
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes
 If yes, please explain. San Juan County, City of Aztec, and City of Farmington all participate in a county-wide response system.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes
 If yes, please explain and provide the number of people that will benefit from the project. 8,100 residents of Bloomfield, but also the entire County, including the City of Aztec and the City of Farmington

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(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.

Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Improve rescue capability.

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank 2021 007 **Priority:** High **ID:**30014
Project Title: Chip Seal or Overlay of various Streets **Class:** Renovate/Repair **Type/Subtype:** Transportation - Highways/Roads/Bridges
Contact Name: Jason Thomas **Contact Phone:** 505-333-7816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 421,139 **Proposed project start date:** 10/01/18
Project Location: 915 N. First St Bloomfield NM 87413 **Latitude:** 36.71949444 **Longitude:** 107.98000
Legislative Language: Design and construction of crack sealing, chip seal, or overlay of various streets in Bloomfield, NM.
Scope of Work: Work to be completed includes environmental, design and construction of crack seal, chip seal or overlay of various streets.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
DOT	375,672	Yes	375,672	0		DOT LGRF L500326
LFUNDS	25,224	Yes	25,224	0		match for LGRF Grant
LFUNDS	20,243	Yes	20,243	0		City funds for ROW docs
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	421,139		421,139	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.							
	Completed	Funded to Date	Estimated Costs Not Yet Funded				Total Project Cost
			2021	2022	2023	2024	
Water Rights	N/A	0	0	0	0	0	0
Easements and Rights of Way	N/A	20,243	0	0	0	0	20,243

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Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	No	400,896	0	0	0	0	0	400,896
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		421,139	0	0	0	0	0	421,139
Amount Not Yet Funded		0						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?						Yes
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	0	5,000	5,000	5,000	5,000	20,000
Annual Operating Revenues	0	5,000	5,000	5,000	5,000	20,000

Does the project lower operating costs? No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield	City of Bloomfield	Streets Department	City of Bloomfield	City of Bloomfield	City of Bloomfield
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 10-15 years
- (b) Has the project had public input and buy-in? Yes
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? Yes
- (d) Regionalism - Does the project directly benefit an entity other than itself? Yes
 If yes, please list the other entity. County residents on the outer limits of the City will be served.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
 Please explain. Managed by Jason Thomas, Public Works Director. Oversight by Finance Director and City Manager, who will receive monthly reports.
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes
 If yes, please explain. Extends pavement life to ensure adequate transportation of goods and services.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes
 If yes, please explain and provide the number of people that will benefit from the project. Repairs will be located throughout the City.
- (h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and No

Infrastructure Capital Improvement Plan FY2021-2025

unavoidable? Emergencies must be documented by a Subject Matter Expert.

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank 2021 008 **Priority:** Medium **ID:**34787
Project Title: Water Storage Tank Aeration **Class:** New **Type/Subtype:** Water - Water Supply
Contact Name: Jason Thomas **Contact Phone:** 5053337816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 474,275 **Proposed project start date:** 06/30/2020
Project Location: 4000 N. First Street Bloomfield NM 87413 **Latitude:** 36.7755 **Longitude:** 107.9761
Legislative Language: To plan, design, construct, and equip in-tank aeration at the North Tanks and Wilderness (West) Tank to remove trihalomethanes from stored drinking water.
Scope of Work: Perform Right of Way survey for new electrical service, permitting across BLM land, NMDOT permit, procurement and construction of electrical controls for aeration equipment, purchase and installation of aeration equipment. An electrical load study has already been completed. The project includes retrofitting three tanks: a 300k and 800k tank at the north tank site, and a 1M tank at the Wilderness tank site.

Secured and Potential Funding Budget:						
State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.						
Please complete table below with all secured and potential funding sources.						
Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
LFUNDS	4,695	Yes	4,695	4,695		Electrical Load Study-complete
NMED	469,580	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	474,275		4,695	4,695		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.								
		Estimated Costs Not Yet Funded						
	Completed	Funded to Date	2021	2022	2023	2024	2025	Total Project Cost

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Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	No	0	32,500	0	0	0	0	32,500
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	No	4,695	0	0	0	0	0	4,695
Construction	No	0	88,377	0	0	0	0	88,377
Furnishing/Equipment	No	0	348,703	0	0	0	0	348,703
TOTALS		4,695	469,580	0	0	0	0	474,275
Amount Not Yet Funded		469,580						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	347,582	Yes	Yes	Yes	Yes	Yes	24
2	121,998	Yes	No	Yes	Yes	Yes	24
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	469,580						

Infrastructure Capital Improvement Plan FY2021-2025

Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	5,000	5,000	5,000	5,000	5,000	25,000
Annual Operating Revenues	5,000	5,000	5,000	5,000	5,000	25,000

Does the project lower operating costs?

No

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield					
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more
- (b) Has the project had public input and buy-in? No
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? No
- (d) Regionalism - Does the project directly benefit an entity other than itself? Yes
 If yes, please list the other entity. City of Aztec - has an emergency water line that can feed from the North Tanks.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
 Please explain. Managed by Public Works Director and oversight by Finance Director and City Manager
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes
 If yes, please explain. Maintains the economy by providing good quality drinking water.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? No
 If yes, please explain and provide the number of people that will benefit from the project.
- (h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and Yes

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unavoidable? Emergencies must be documented by a Subject Matter Expert.

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Reduced trihalomethanes (TTHM's) in distribution system. City has received Notices of Violation for exceeding the Running Annual Average of TTHM's in the water system.

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank 2021 009 **Priority:** High **ID:**34815
Project Title: Replace Jet Rodder Truck **Class:** Replace Existing **Type/Subtype:** Water - Wastewater
Contact Name: Jason Thomas **Contact Phone:** 5053337816 **Contact E-mail:** jthomas@bloomfieldnm.com
Total project cost: 420,000 **Proposed project start date:** 1/01/19
Project Location: 915 N. First St Bloomfield NM 87413 **Latitude:** 36.7022 **Longitude:** 107.9914
Legislative Language: To Replace the 1990 Jet Rodder Truck with a new unit.
Scope of Work: To Replace the 1990 Jet Rodder Truck with a new unit.

Secured and Potential Funding Budget:

State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.

Please complete table below with all secured and potential funding sources.

Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s) Received	Comment
LFUNDS	10,000	No	0	0		from utility operating budget
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	10,000		0	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.

	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2021	2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0

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Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	No	0	420,000	0	0	0	0	420,000
TOTALS		0	420,000	0	0	0	0	420,000
Amount Not Yet Funded		420,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes
If no, please explain why:	
ANNUAL OPERATING BUDGET	YEAR 1
	YEAR 2
	YEAR 3
	YEAR 4
	YEAR 5
	TOTAL
Annual Operating Expenses plus Debt Service	0
	5,000
	5,000
	5,000
	5,000
	5,000
Annual Operating Revenues	0
	5,000
	5,000
	5,000
	5,000
	5,000
	20,000
	20,000

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

The truck is critical to water and wastewater utility operations. Repairs are increasing, and contract jet rodder services are increasing.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	City of Bloomfield					
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 10-15 years
- (b) Has the project had public input and buy-in? No
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? No
- (d) Regionalism - Does the project directly benefit an entity other than itself? No
If yes, please list the other entity.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
Please explain. Procurement by MOC Superintendent with oversight by Brad Ellsworth, Finance Director.
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes
If yes, please explain. Maintains the economy by ensuring a reliable water distribution system and sewer collection system. The unit is used in water line repairs and sewer line cleaning.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes
If yes, please explain and provide the number of people that will benefit from the project. City of Bloomfield (7,090)

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(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.

Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

Prevents and mitigates sewer line overflows onto the streets and waterways. Used in waterline repairs to restore water service to customers.