



ARPA Project Updates

JOPLIN, MISSOURI

SEPTEMBER 19, 2022

Agenda

1. Overview
 - ❖ Background
 - ❖ Program Status
 - ❖ Joplin Top 20 Projects
2. Program Updates
 - ❖ State Grants
 - ❖ County Support
 - ❖ Project Overviews
3. Financial Summary



Background

- ❖ On July 18th, our team proposed over 70 local unfunded projects to City Council to prioritize ARPA project spending
- ❖ Later in August, City Council officially approved the project list that outlined the priorities for ARPA spending
- ❖ Throughout August and September, our team worked with City staff to monitor and seek funding for these projects
- ❖ The largest potential funding source is from the State of Missouri ARPA funds. However, the State is rolling out funding opportunities over the course of the next few months
 - ❖ *No Awards have been released at this time*

ARPA Program Status

Step 1 – Collection

- The initial prioritization scores were collected over the span of two weeks

Step 2 – Results

- Report out on ALL project scores according to Department Head and City Council ranking

Step 3 – Finalize and Adopt Project Prioritization

- Finalize Community Project Prioritization and Present Resolution for Council Adoption

Step 4 – Commit Funds and Apply for Grants

- Apply and secure additional funding to increase the Return Of Investment (ROI) of ARPA spending with Council approval

Joplin Top 20 Projects

	ARPA Eligible (EC-1 to EC-6)
	Need more development
	EC-6 Only

Rank	Project	Category	Cost Estimate
1	Neighborhood Improvements Estimate	Housing	\$5,000,000
2	City of Joplin Fiber Backbone Network	Broadband	\$17,000,000
3	MOSWIN Interoperability Radio System	Public Safety	\$600,000
4	Home Rehabilitation and Repair	Housing	\$3,000,000
5	Police Equipment	Public Safety-P	\$1,440,000
6	East Town Infrastructure and Revitalization	Transportation	\$5,400,000
7	Replacement and Relocation of Joplin Fire Station 3	Public Safety-P	\$6,500,000
8	Tin Cup Parallel Force Main and Lift Station Improvements	Sewer/Water	\$4,750,000
9	Wastewater Treatment – Trickling Filter Replacement	Sewer/Water	\$7,700,000
10	Fire Equipment	Public Safety-F	\$253,000
11	Pennsylvania Avenue Viaduct Removal & Road Replacement	Transportation	\$2,300,000
12	Shoal Creek WWTF Final Clarifier	Sewer/Water	\$3,500,000
13	East Town Stormwater Improvements	Stormwater	\$1,426,000
14	Neighborhood Sidewalk Repair and Replacement	Transportation	\$4,000,000
15	Glendale Parallel Replacement Phase I	Sewer/Water	\$2,500,000
16	City Facilities Video Security Enhancements	Internal City	\$250,000
17	17th Street and Annie Baxter Stormwater Improvements	Stormwater	\$740,500
18	Tin Cup Trail and Underpass	Transportation	\$4,800,000
19	Zora St Widening / Improvements from Range Line to MO249	Transportation	\$12,000,000
20	Construction Investment MSSU Health Science Innovation Center	Subrecipient	\$5,000,000
27	Joplin East Industrial Park Culvert Replacement	Stormwater	\$2,800,000
30	20th Street Widening / Improvements from Schifferdecker Avenue to the Missouri/Kansas State Line	Transportation	\$12,000,000
31	Dover Outdoor Recreation Area (DORA)	Parks	\$4,000,000
34	Create or Expand New Industrial Park	Econ Develop	\$3,000,000

Program Updates



State Grants – Available and Applied

Grant	Application Period	Project
Drinking Water Infrastructure Grant	May 16 – July 14	
Wastewater Infrastructure Grant	May 16 – July 14	
Stormwater Infrastructure Grant	May 16 – July 14	#17 - 17th St. & Annie Baxter #27 - Industrial Park Culvert #13 - East Town
Lead Service Line Inventory Grant	May 16 – July 14	
Missouri Area Career Center Opportunities	July 25 – October 28	
Private Moexcels ARPA Grant	July 1 – September 1	
Agriculture Innovation & Workforce Development	July 1 – September 1	
Broadband Infrastructure Grant	August 15 – September 29	TBD
Governors Transportation Cost Share Program *	Deadline September 30	#19 - ZORA Street Widening
Workforce Training Grant	August 30 – October 29	
Local Tourism Asset Development Grant	September 15 – November 15	#31 - Dover Outdoor (DORA)
Public Safety Grant Program	October 15 – November 15	#5 - Police Equipment
Fire Protection Grant Program	October 15 – November 15	#10 - Fire Equipment

State Grants – *Unreleased*

- ❖ Two grants are undergoing development and only draft guidelines have been published. Our team is reviewing ARPA projects for grant eligibility.
- ❖ Eight other State grants have no information released.

Grant	Application Period	Project
Emergency Medical Services Grant Program	October 15 – November 15	
County Jail Maintenance & Improvement Grant	October 15 – November 15	
Small Business Grant	October – November	
Community Revitalization Grant	In development	TBD
Cell Towers Grant	In development/October	
Entertainment Industry Grant	Unreleased/October	
Industrial Site Development Grant	Unreleased/October	TBD
Nonprofit Grant	Unreleased/October	
Grants to Local County Law Enforcement & Prosecutors	Unreleased	
Grants To Port Authorities	Unreleased	
Agriculture In Urban/Suburban Communities Grant	Unreleased	

#2 - City of Joplin Fiber Backbone Network

Category	Broadband
Schedule of Project	Design and right-of-way in 2022 Construction in 2023
Goal	Provide a fiber network that will provide a foundation that will support, in partnership with other Internet Service Providers (ISPs), critically needed connectivity to key parts of Joplin.
Background	<ul style="list-style-type: none"> Establishing the backbone network will allow neighborhoods and businesses to experience reliable, affordable connectivity Benefit the city, educational institutions, health centers, and business by reaching unserved and underserved populations

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$17,000,000	\$3,000,000	TBD	TBD

#3 - MOSWIN Interoperability Radio System

Category	Public Safety-Police Projects
Schedule of Project	Planned for 2022/2023
Goal	Provide interoperability for the Joplin Police and Fire Departments with all other participating Missouri Public Safety Departments through an upgrade of the current radio system.
Background	<ul style="list-style-type: none"> Joplin Police and Fire Departments currently unable to communicate through the radio system with all other agencies across the State of Missouri. Critical that all agencies have the ability to communicate with each other as agencies respond across jurisdictions in mutual aid situations. The ability to communicate effectively is also imperative following disasters.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$600,000	-	-	\$600,000

#5 – Police Equipment

Category	Public Safety-Police Projects
Schedule of Project	TBD
Goal	Provide updated equipment and vehicles for police to provide for a more safe and secure community.
Background	<ul style="list-style-type: none"> • Replace 100 Body Cameras and required Storage Server – The current police body cameras have reached end-of-life. • Replace remaining Mobile and Portable Radios for Police and Fire – The City has already replaced half of the mobile and portable radios for public safety. The remaining radios have reached end-of-life. • 14 Police Vehicles for 22 additional officers proposed under Proposition Public Safety and recommended in the Police Resource Allocation Study.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$1,440,000	\$454,690	\$20,000	-

#10 – Fire Equipment

Category	Public Safety-Fire Projects
Schedule of Project	TBD
Goal	Provide updated equipment and vehicles for fire to provide for a more safe and secure community.
Background	<ul style="list-style-type: none"> • Add Security Fencing for Fire Stations – Currently, no security at any • Replace Haz-Mat Suits and new reflective raincoats – The current haz-mat suits have reached end-of-life and firefighters need reflective raincoats for safety purposes. • 110 Bulletproof Vests for Firefighters – Joplin firefighters are increasingly required to be on standby on site for the Joplin Police Department during critical incidents. The vests will help protect firefighters during these volatile situations. • Replace Special Operations/Chief’s Vehicle – The original vehicle was purchased in 2010 through a grant and it has reached end-of-life.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$253,000	-	\$20,000	-

#13 - East Town Stormwater Improvements

Category	Stormwater
Schedule of Project	TBD
Goal	Improve the ditch between Division Avenue and Cox Avenue.
Background	<ul style="list-style-type: none"> • Two properties flood along the drainage ditch that starts at the intersection of Valley Street and Division Avenue. • Extensive storm sewer conveys over 80 acres to the ditch located at the intersection of Valley Street and Division Avenue. • Three culverts run into ditch... <ol style="list-style-type: none"> 1. The culvert coming from the northeast is undersized and can only convey a 2-year storm event. Need 50-year flood protection. 2. The culverts from Cox Ave to Murphy Blvd are undersized and can only convey a 2-year storm event before flooding the street. 3. The undersized culvert for Mineral Avenue floods the structure on the west side of Avenue during 10-year storm events or greater.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$1,426,000	\$1,048,110	\$377,890	-

#17 - 17th Street and Annie Baxter Stormwater Improvements

Category	Stormwater
Schedule of Project	TBD
Goal	Install a trapezoidal channel with a 40-foot bottom width, depth of 1 foot, and 8:1 side slope. The swale will have a 5-foot bottom width, depth of 2 feet, and 3:1 side slope. The swale will convey a 100-year storm event with 1 foot of freeboard per the City of Joplin's requirements.
Background	<ul style="list-style-type: none"> • Existing open ditch northeast of the intersection of 17th Street and Maiden Lane conveys a significant amount of stormwater runoff • Existing storm sewer system discharges into the open ditch near the Annie Baxter Avenue cul-de-sac. • Existing open ditch has not been improved to account for a possible increase in runoff.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$740,500	\$544,268	\$196,233	-

#20 - Construction Investment of the MSSU Health Science Innovation Center

Category	Sub-recipient
Schedule of Project	Construction start in 2023 provided County and Local funding support
Goal	The Health Science Innovation Center will contain state-of-the-art teaching and training facilities, including a large simulation hospital, expanded cadaver lab, radiologic technology laboratory, and research facilities for students, faculty, and university partners. The construction and equipping of the Health Science Innovation Center will increase the quality and number of graduates in the university's health science programs.
Background	<ul style="list-style-type: none"> • Missouri Southern cannot respond to the critical need for health care workers in Joplin's medical and dental industries. • MSSU plans to build a \$30 million Health Science Innovation Center to train health professionals in many fields of health care • This investment will help fill regional workforce gaps within Freeman Health System, Mercy Hospital-Joplin, and other healthcare providers

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$1,500,000	-	-	TBD

#19 - Zora St Widening / Improvements from Range Line (Loop 49) to MO249

Category	Transportation
Schedule of Project	Construction tentatively scheduled for 2022-2023.
Goal	Widen and improve Zora Street from Rangeline Road to MO-249, including the construction of a roundabout at the intersection of Zora St. and Duquesne Road. Project will provide for additional capacity , address current deficiencies in the roadway, reduce driver dissatisfaction and improve safety for traffic and pedestrians along this corridor. Will stimulate economic development as this route from MO-249 west is a main access route for the Joplin/Webb City Industrial Park.
Background	<ul style="list-style-type: none"> Aims to improve Zora Street from Rangeline Road to MO-249 including the construction of a roundabout at intersection of Zora St. and Duquesne Road Approved by Joplin voters via City's Capital Improvements Sales Tax

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$12,000,000	\$8,000,000	\$4,000,000	TBD

#27 – Joplin East Industrial Park Culvert Replacements

Category	Stormwater
Schedule of Project	Design and right of way in 2022-23 – construction starting in Fall 2023 with completion in Summer 2024
Goal	Stimulate further economic development of the Joplin East Industrial Park by addressing the overtopping of 26th street which impedes commerce and transport of goods for the industrial entities within the park. Additionally, re-evaluate and improve the current capacity of the existing regional detention basin serving this watershed . Improving the capacity of the regional detention basin will allow for continued growth in the undeveloped portions of the Industrial Park in this watershed.
Background	<ul style="list-style-type: none"> • The Crossroads Industrial Park has grown steadily since its inception. • Two recent facilities are the Casey’s distribution center and the Ajinomoto Foods facility. • Replacing the existing culverts and improving the road will enhance the viability of that industrial land.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$2,800,000	\$2,058,000	\$742,000	-

#30 - 20th Street Widening / Improvements from Schifferdecker Ave to the Missouri/Kansas State Line

Category	Transportation
Schedule of Project	Construction to start in 2024
Goal	Widen and improve 20th Street from Schifferdecker Ave. to the MO/KS State Line. Project will provide for additional capacity , address current deficiencies in the roadway, reduce driver dissatisfaction and improve safety for traffic and pedestrians along this corridor. Will stimulate economic development including the underdeveloped West Industrial Park.
Background	<ul style="list-style-type: none"> • Aims to improve the eastern mile of this corridor that is a three Lane Roadway with Shared Use Pedestrian Path • Approved by the voters of the City of Joplin in the City's current Capital Improvements Sales Tax program • Survey and Design work is being completed

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$12,000,000	\$6,000,000	-	TBD

#31 - Dover Outdoor Recreation Area (DORA)

Category	Parks
Schedule of Project	Design and construction will be underway soon.
Goal	This project will provide a passive recreation facility for the community, as well as a draw for visitors as a host facility for national and international competitions.
Background	<ul style="list-style-type: none"> • Increased demand for cycling infrastructure through citizen input and market research in Joplin and proven to be economic development and tourism revenue engines. • In Northwest Arkansas, cycling recreation and event infrastructure attracts new residents and visitors • Development of a new bike focused park with diverse cycling amenities like, single track mountain bike trails, gravity fed downhill trails, a bicycle playground, and a competition grade Velosolutions Pumptrack will serve as an economic driver for Joplin.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$4,000,000	\$1,750,000	\$1,750,000	-

#34 – Create/Expand New Industrial Park

Category	Economic Development
Schedule of Project	The City can immediately begin to acquire property for an additional or expanded Industrial Park
Goal	All property in the City’s existing industrial parks is developed, under development or under contract for development. This project will acquire property to create a new Industrial Park or expand an existing Industrial Park.
Background	<ul style="list-style-type: none"> The City has developed two Industrial Parks that has driven economic development and job growth benefitting Joplin and the surrounding communities.

ARPA Unfunded as Requested	Existing Local Support	Missouri Grants	County Commitments
\$3,000,000	\$2,000,000	TBD	-

Financial Summary



Financial Summary

Rank	Project	ARPA Unfunded <i>(as requested)</i>	Local Support	State Grants	County Support*	Proposed Spending
2	City of Joplin Fiber Backbone Network	\$17,000,000	\$3,000,000	TBD	TBD	TBD
3	MOSWIN Interoperability Radio System	\$600,000			\$600,000	\$0
5	Police Equipment	\$1,440,000	\$454,690	\$20,000		\$965,310
10	Fire Equipment	\$253,000		\$20,000		\$233,000
13	East Town Stormwater Improvements	\$1,426,000	\$1,048,110	\$377,890		\$0
17	17th Street and Annie Baxter Stormwater Improvements	\$740,500	\$544,268	\$196,233		\$0
19	Zora St Widening / Improvements from Range Line (Loop 49) to MO249	\$12,000,000	\$8,000,000	\$4,000,000	TBD	\$0
20	Construction Investment of the MSSU Health Science Innovation Center	\$1,500,000				\$1,500,000
27	Joplin East Industrial Park Culvert Replacements	\$2,800,000	\$2,058,000	\$742,000		\$0
30	20th Street Widening and Improvements from Schifferdecker Avenue to the Missouri/Kansas State Line	\$12,000,000	\$6,000,000		TBD	\$0
31	Dover Outdoor Recreation Area (DORA)	\$4,000,000	\$1,750,000	\$1,750,000		\$0
34	Create or Expand New Industrial Park	\$3,000,000	\$2,000,000			\$0
TOTAL		\$56,759,500	\$24,855,068	\$7,106,123	\$600,000	\$2,485,310

Financial Summary *Continued*

Rank	Project	ROI Ratio	Funded w/o ARPA	Funding w/ ARPA
2	City of Joplin Fiber Backbone Network		18%	18%
3	MOSWIN Interoperability Radio System		100%	100%
5	Police Equipment	1:2	33%	100%
10	Fire Equipment	1:11	8%	100%
13	East Town Stormwater Improvements		100%	100%
17	17th Street and Annie Baxter Stormwater Improvements		100%	100%
19	Zora St Widening / Improvements from Range Line (Loop 49) to MO249		100%	100%
20	Construction Investment of the MSSU Health Science Innovation Center	19:1	95%	100%
27	Joplin East Industrial Park Culvert Replacements		100%	100%
30	20th Street Widening and Improvements from Schifferdecker Avenue to the Missouri/Kansas State Line		50%	50%
31	Dover Outdoor Recreation Area (DORA)		88%	88%
34	Create or Expand New Industrial Park		67%	67%

Allocation Summary



**Total Potential
Commitment
= \$2,485,310**

Next Steps

- **Apply** for grant opportunities on a case-by-case basis when available and eligible
- **Continue** coordinating with Jasper County to complete/fund projects with a county-wide impact
- **Present** regular Project Updates and Allocation Plan to City Council

Discussion & Questions

