Grant Project Updates

OCTOBER 16, 2023



1. Overview
   - ❖ Program Status
   - ❖ Joplin Grant Strategy
2. Program Update
   - ❖ Grants Awarded and/or Applied
   - ❖ Project Backgrounds

OVERVIEW



ARPA/GRANT PROGRAM STATUS

Step 1 – Project Collection

Step 2 – Community Survey

Step 3 – Project Prioritization

Step 4 – Grant Applications

- Apply to Federal and State grant opportunities for transportation, sewer, industrial, housing, and economic development initiatives.
- Leverage new funding channels including the American Rescue Plan Act (ARPA), Bipartisan Infrastructure Law (BIL), and Infrastructure Investment and Jobs Act (IIJA)

Step 5 – Commit Funds and Report

- Continue reporting on progress to US Treasury and City Council

Step 6 – Project Implementation

- Implement projects based on award requirements
- Re-evaluate unfunded project list

LEGEND		
Funded	Unfunded	Partially Funded

JOPLIN TOP 20 INITIAL PROJECTS (PRE-REPRIORITIZATION)

Rank	Project	Category	Original 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-Police**	**$1,440,000**
6	East Town Infrastructure and Revitalization	Transportation	$5,400,000
7	Replacement and Relocation of Joplin Fire Station 3	Public Safety-Police	$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-Fire**	**$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 Grant)**	**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 Grant)**	**Stormwater**	**$740,500**
18	Tin Cup Trail and Underpass	Transportation	$4,800,000
19	**Zora St Improvements from Range Line to MO249**	**Transportation**	**$12,000,000**
20	**Construction Investment MSSU Health Science Innovation Center**	**Subrecipient**	**$1,500,000**

LEGEND		
Funded	Unfunded	Pending

JOPLIN TOP INITIAL PROJECTS (PRE-REPRIORITIZATION)

Rank	Project	Category	Original Cost Estimate
21	Zora Street Water Main Installation (Drinking Water Grant)	Sewer/Water	$4,000,000
22	Downtown SMART Technology for Traffic Signals	Transportation	$5,700,000
30	20th Street Improvements from Schifferdecker Ave to the MO/KS State Line	Transportation	$12,000,000
31	Dover Outdoor Recreation Area (DORA)	Parks	$4,000,000
32	County Road 180 Water Main Installation	Sewer/Water	$4,500,000
34	Create or Expand New Industrial Park	Econ Develop	$3,000,000
36	7th Street Water Main Installation	Sewer/Water	$2,500,000
n/a	Trail Connecting Landreth Park to Dover Park	Parks	$1,250,000
n/a	Justice Center	Internal City	$2,000,000
n/a	Cybersecurity Resilience	Internal City	$186,472
n/a	Lone Elm Recycling Center	Solid Waste	$3,899,423
n/a	Joplin Regional Recycling Outreach	Solid Waste	$2,355,244
n/a	Sewer Project (12th and Iowa)	Sewer/Water	$5,266,782
n/a	Stormwater Projects (Remaining Stormwater Grant)	Stormwater	$6,509,500
n/a	COJ Transit Transition/Study	Transportation	$500,000
n/a	Playground Materials	Parks	$40,000
n/a	Non-Playground Materials	Parks	$29,796
n/a	EV Charging Stations	Internal City Projects	$294,400
n/a	Grand Falls Trail Head and Parking Area	Parks	$500,000

LEGEND

Funded | Unfunded

JOPLIN REPRIORITIZED PROJECTS

Rank	Project	Category	Cost Estimate
	Dover Outdoor Recreation Area (DORA)	**Parks/Tourism**	**$238,000**
	Broadband Fiber Backbone Network	**Broadband**	**$5,000,000**
	20th Street Widening Project	**Transportation**	**$3,000,000**
1	**Tin Cup Trail YMCA Bridge Connector**	**Trails**	**$750,000**
2	Neighborhood Sidewalk Repair and Replacement	Transportation	$4,000,000
3	East Industrial Park Culvert Replacements	Stormwater	$2,800,000
4	Pennsylvania Avenue Viaduct Removal & At-Grade Road	Transportation	$2,300,000
5	Downtown SMART Technology for Traffic Signals	Transportation	$5,700,000
6	Landreth Park to Frisco Trail Connector	Trails	$280,000
7	Ewert Park Trail Connections	Trails	$2,680,000
8	Euclid Avenue Stormwater Improvements	Stormwater	$1,223,500
9	Schifferdecker Trail Connections	Trails	$810,000
10	44th & Main Street Shared Use Paths	Trails	$600,000
11	Garvin Park Ditch Stormwater Improvements	Stormwater	$444,000
12	Colorado Drive Storm Sewer Improvements	Stormwater	$1,170,500
13	Streetscape along Joplin Avenue from 6th Street to 10th Street	Transportation	$3,000,000
14	Katy Trail Development	Trails	$2,700,000
15	**Trail Wayfinding**	**Trails**	**$150,000**
16	Streetscape along Wall Avenue from 7th Street to 10th Street	Transportation	$2,500,000
17	Landreth Park Fitness Trail	Parks	$350,000
18	**Joe Becker Stadium Plumbing**	**Parks**	**$225,000**
19	**Museum Complex Boiler/Chiller Replacement**	**Parks**	**$600,000**
20	Park Sign Kiosks	Parks	$300,000
21	Turf Joe Becker Outfield	Parks	$500,000
22	Turf Redden Outfield	Parks	$500,000
23	Park Outdoor Games	Parks	$105,000
24	Turf Soccer Complex	Parks	$1,750,000
25	Fire Chief Vehicle	Fire	$50,000
26	Trail Benches	Parks	$200,000

PROGRAM UPDATE

Grants Overview

50% ***of the Top 20 projects*** *are potentially being funded or partially funded through State/County/City ARPA and additional investments*

25+ ***projects are eligible*** *for grants from state and federal programs under ARPA and BIL*

12/14 ***grants have been awarded*** *for stormwater and wastewater projects that address essential local initiatives/public works projects*

$84M ***total*** *has been awarded or applied for to cover stormwater, wastewater, police, fire, housing, education, and parks projects*

LEGEND	
Awarded	Resubmitted
Denied	Pending

GRANTS – *APPLIED AND/OR AWARDED*

	Grant		Project	Status	Grant Amount Requested	Award Date
1	BIL	Governor's Transportation Cost-Share (MODOT)	#19 - Zora St Widening / Improve	Awarded	$4,000,000	Dec-23
2	ARPA	Wastewater Infrastructure Grant	12th and Iowa	Awarded	$3,599,782	Nov-23
3	ARPA	Stormwater Infrastructure Grant	#13 - East Town Stormwater #17 - 17th St & Annie Baxter	Awarded	$5,000,000	Nov-23
4	ARPA	Justice Center Grant (Legislative Priority)	Justice Ctr Facility Improvements	Awarded	$1,000,000	Dec-23
5	ARPA	Drinking Water Grant (Legislative Priority)	#21 - Zora Street Water Main Install #32 - County Road 180 Water Main #36 - 7th Street Water Main Install	Awarded	$5,000,000	Dec-23
6	County	Jasper County	#30 - 20th Street Widening Project	Awarded	$4,000,000	Dec-23
7	County	Jasper County	#3 - MOSWIN Interoperability Radios	Awarded	$637,048	Dec-23
8	ARPA	Peace Officer Grant Program	#5 - Police Equipment	Awarded	$20,000	Mar-2023
9	ARPA	Fire Protection Grant Program	#10 - Fire Equipment	Awarded	$20,000	Mar-2023
10	ARPA	Emergency Medical Services Grant	#10 - Fire Equipment	Awarded	$20,000	Mar-2023
11	ARPA	Community Revitalization Grant	#1 - Neighborhood Improvements #4 - Home Rehabilitation & Repair	Awarded	$3,500,000	Apr-23
12	BIL	SMART Grant (USDOT)	#22 - Downtown SMART Technology	Resubmitted	$5,698,500	2024
13	ARPA	Local Tourism Asset Development Grant	#31 - Dover Outdoor Recreation Area	Awarded	$1,437,133	Apr-23
14	ARPA	Industrial Site Development Grant	#34 - Create/Expand Industrial Park	Denied	$2,787,500	May-23

LEGEND	
Awarded	Resubmitted
Denied	Pending

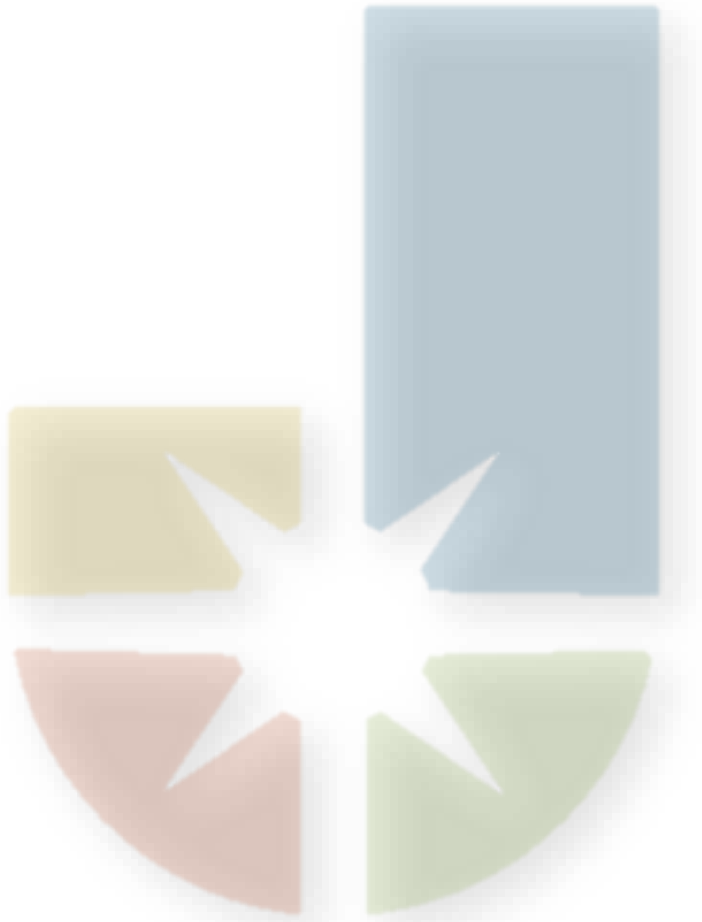
GRANTS – *APPLIED AND/OR AWARDED (CONTINUED)*

	Grant		Project	Status	Grant Amount Requested	Award Date
15	State	Land & Water Conservation Fund Grant (LWCF)	Trails connecting Landreth & Dover	Applied	$500,000	Spring 2023
16	ARPA	State and Local Cybersecurity Grant	Cybersecurity Resilience	Awarded	$158,502	Spring 2023
17	BIL	Political Subdivisions – SWIFR Grant (EPA)	Lone Elm Recycling Center	Applied	$2,778,235	Fall 2023
18	BIL	Recycling Edugcation and Outreach Grants (EPA)	Joplin Regional Recycling Outreach	Applied	$1,740,000	Fall 2023
19	FTA	Areas of Persistent Poverty (AoPP)	COJ Transit Transition/Study	Awarded	$500,000	Fall 2023
20	MO DNR	Scrap Tire Surface Materials	Playground Materials	Applied	$40,000	2024
21	MO DNR	Scrap Tire Surface Materials	Non-playground Materials	Applied	$29,796	2024
22	DOJ	Charging & Fueling Infrastructure (CFI)	EV Charging Stations	Applied	$294,400	Fall 2023
23	MDC	Outdoor Recreation Infrastructure Program	Grand Falls Trail Head and Parking Area	Applied	$500,000	Fall 2023

GRANTS – *AVAILABLE AND/OR UNRELEASED*

	Grant		Project/Category	Application Period
20	DOT	SMART	Smart Traffic Signals	October
21	DOE	LWCF	Trail Connecting Landreth Park to Dover Park	November
22	EDA	Public Works and Economic Adjustment Assistance (PWEAA)	Road/Surface Infrastructure at Crossroads Industrial Park	Rolling
23	FEMA	BRIC	I-44 Culvert Addition – Phase 1	Early 2024
24	FEMA	Flood Mitigation Assistance (FMA)	I-44 Culvert Addition – Phase 2	Early 2024
25	DOT	RAISE	20th Street Widening and Improvements from Schifferdecker Avenue to the Missouri/Kansas State Line	Early 2024
26	DOT	Safe Streets and Roads	Downtown Loop Project	Spring 2024
27	DOE	EECBG	City Facilities Energy Evaluation	Formula
28	HUD	HUD Choice	TBD	Spring 2024
29	DNR	Recreational Trails Program	TBD	December
30	DNR	Conservation Land Acquisition	Trails to Connect Joplin Parks	Rolling
31	EPA	Missouri Natural Resources Air Pollution Control Program Grant	TBD	October 20th

- Our team is aligning the City of Joplin for future grant applications well into the upcoming years so that the community can stay involved and up to date on projects & community and staff can work with a **long-term grant strategy**



CURRENT GRANT APPLICATIONS

STRENGTHENING MOBILITY AND REVOLUTIONIZING TRANSPORTATION GRANT (SMART)

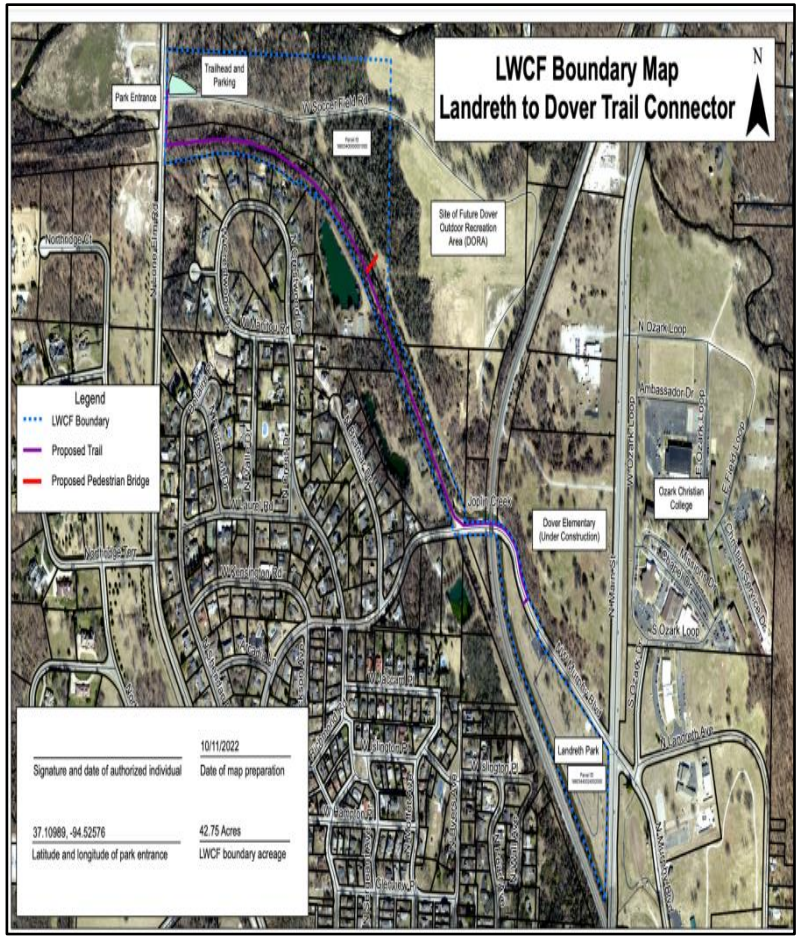
Project Name	Smart Traffic Signals
Cost Estimate	
Category	Transportation
Submission Deadline	October 10th
Schedule of Project	TBD
Goal	The City of Joplin will develop a city-wide plan and initiate a pilot project for the implementation of smart traffic light signals that will make necessary improvements for traffic, pedestrians, signal timing, reducing greenhouse gas emissions, and reducing congestion
Activities	• This pilot project will include the implementation of smart traffic signals on 1st – 8th street and Main. This stretch of downtown Joplin is one of the busiest corridors for both traffic and pedestrians. This path also includes 7th street that will provide beneficial data to the study



Local Support	+	Grant Request	+	COJ ARPA Match	=	Total Funds Request
$0		$1.5 million		$0		$1.5 million

LAND WATER AND CONSERVATION FUND GRANT (LWCF)

Project Name	Trail Connecting Landreth Park to Dover Park
Cost Estimate	$500,000
Category	Parks
Submission Deadline	November 15th
Schedule of Project	Acquisition 2024 and Construction 2025/2026
Goal	The City of Joplin has recognized the demand for open space and park/recreation venues in the post pandemic environment. Using a climate conscious lens to preserve trails in Joplin, the Trail to connect Dover Outdoor Recreation Area and Landreth park will enhance accessibility of trails all while connecting two major parks.
Activities	• This project will lay the foundation for many other development works to come. An example of this would be the new recreational site being developed at one end of this trail being put in place, Dover Outdoor Recreation Area. • Construction will include renovation of old railroad property, accessible trails, and wayfinding.



Local Support	Grant Request	COJ ARPA Match	Total Funds Request
$750,000	$500,000	None	$1,250,000

BUILDING RESILIENT INFRASTRUCTURE AND COMMUNITIES GRANT (BRIC)

Project Name	I-44 Culvert Addition – Phase 1 Planning
Cost Estimate	$1.5 Million
Category	Stormwater
Submission Deadline	Approx. February 2024
Schedule of Project	Design and right of way in 2023-2024
Goal	Promote commercial growth along Richard Joseph Boulevard by implementing flood control channel improvements downstream of I-44. Installing two 7’ x 7’ box culverts under I-44 will also virtually eliminate headwater backing up to the upstream neighborhood of Sunnyvale.
Activities	• Utilize the proposed culverts to create a trail from 36th street to 44th street along Silver Creek Tributary II and Silver Creek and under I-44. • The proposed trail would also connect to sidewalks from the 44th street widening project currently under construction improving connectivity between Joplin and Leawood



Local Support	+	Grant Request	+	COJ ARPA Match	=	Total Funds Request
$375,000		$1,125,000		None		$1,500,000

FEMA- FLOOD MITIGATION ASSISTANCE GRANT PROGRAM

Project Name	I-44 Culvert Addition – Phase 2 Construction
Cost Estimate	$8 Million
Category	Stormwater
Submission Deadline	Approx. January 2024
Schedule of Project	Construction Starting Fall 2024
Goal	Promote commercial growth along Richard Joseph Boulevard by implementing flood control channel improvements downstream of I-44. Installing two 7’ x 7’ box culverts under I-44 will also virtually eliminate headwater backing up to the upstream neighborhood of Sunnyvale.
Activities	• Utilize the proposed culverts to create a trail from 36th street to 44th street along Silver Creek Tributary II and Silver Creek and under I-44. • The trail would connect to sidewalks from the 44th street widening project currently under construction improving connectivity between Joplin and Leawood



Local Support		Grant Request		COJ ARPA Match		Total Funds Request
$2,000,000	+	6,000,000	+	None	=	$8,000,000

EDA- PUBLIC WORKS AND ECONOMIC ADJUSTMENT ASSISTANCE (PWEAA)

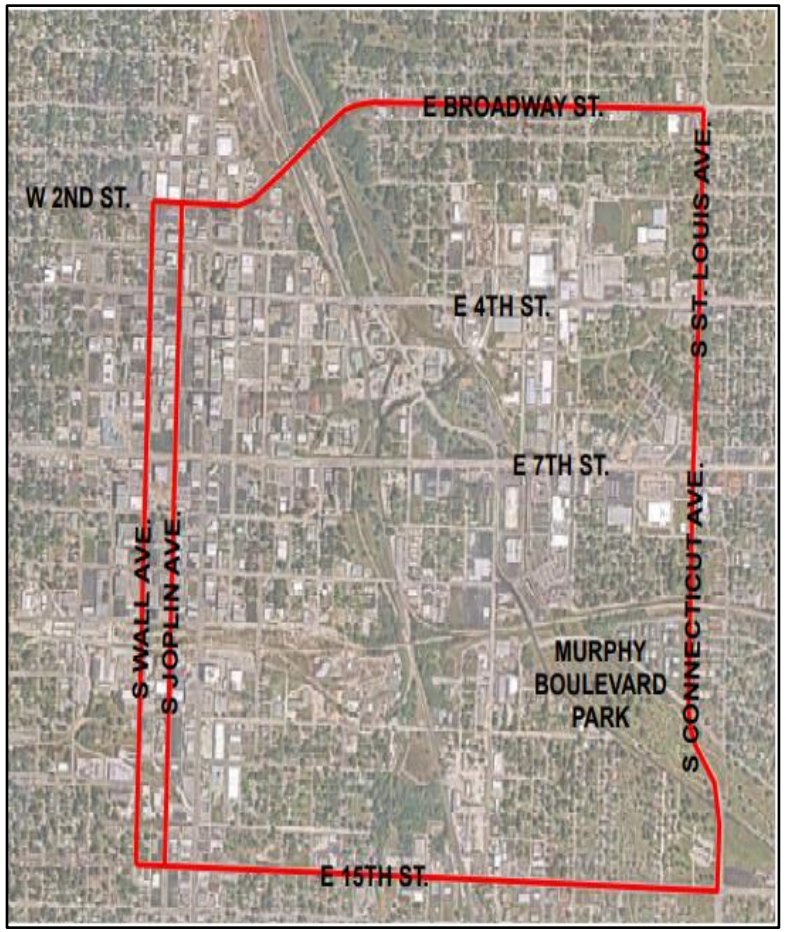
Project Name	Road/Surface Infrastructure at Crossroads Industrial Park
Cost Estimate	$2,000,000
Category	Industrial Sites
Submission Deadline	July / Rolling
Schedule of Project	Winter 2024 - 2026
Goal	To increase access and additional amenities for the Crossroads Industrial Park. Continue demonstrated success in economic development and workforce growth in conjunction with Crossroads Industrial Park.
Activities	• Improve roadway access and infrastructure around the proposed industrial site • Promote economic development within the Industrial site • Expand workforce development opportunities with regional partners

Local Support	Grant Request	COJ ARPA Match	Total Funds Request
$500,000	$1,500,000	None	$2,000,000



FHWA- SAFE STREETS AND ROADS FOR ALL

Project Name	Downtown Loop Project
Cost Estimate	TBD
Category	Transportation
Submission Deadline	Approx. June 2024
Schedule of Project	Completion of this project is projected to take 1-3 years
Goal	Provide connectivity between destination points throughout the City.
Activities	• For the safety of pedestrians and bike riders, the Downtown Loop will utilize corridors recommended for road diets and will not require significant infrastructure changes and costs. The road diets will require the corridors to be re-striped to accommodate protected bike lanes and they are will include a divider and delineators.



Local Support		Grant Request		COJ ARPA Match		Total Funds Request
TBD	+	TBD	+	None	=	TBD

RESILIENT BUILDING AMERICA INFRASTRUCTURE WITH SUSTAINABILITY AND EQUITY (RAISE)

Project Name	20th Street Widening and Improvements from Schifferdecker Avenue to the Missouri/Kansas State Line
Cost Estimate	$20 million
Category	Transportation
Submission Deadline	Approx. February 2024
Schedule of Project	Construction tentatively scheduled for 2024
Goal	Widen and improve 20th Street from Schifferdecker Ave. to the MO/KS State Line, including intersection improvements at Country Club Drive and Central City 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. Also, this project will serve to stimulate economic development in the area as Joplin grows to the West, including the underdeveloped Wildwood Park.
Activities	• A project to improve the eastern mile of this corridor, from Schifferdecker Avenue to Country Club Drive was approved by the voters of the City of Joplin in the City's current Capital Improvements Sales Tax program. Survey and Design work for this portion of the project has commenced.



Local Support	+	Grant Request	+	COJ ARPA Match	=	Total Funds Request
TBD		TBD		TBD		TBD

AWARDED GRANTS

AREAS OF PERSISTENT POVERTY (AOPP)

Project Name	COJ Transit Transition/Study
Cost Estimate	$500,000
Category	Transportation
Schedule of Project	1-2 Years
Goal	This Sustainable Transit Operations Study will commission a feasibility assessment that will evaluate local public transportation and recommend feasible options that promote more ridership in areas considered historically disadvantaged communities or designated as areas of persistent poverty.
Activities	• This project will commission a feasibility assessment that will evaluate local public transportation and recommend feasible options that promote more ridership in areas considered historically disadvantaged communities or designated as areas of persistent poverty. • Specifically, the study will define methods of how the City of Joplin can financially support the expansion of its transit system to areas where there is a need for more affordable access to employment, public services, education, and healthcare facilities.

Local Support		Grant Request		COJ ARPA Match		Total Funded
$100,000	+	$400,000	+	$0	=	$500,000

NEXT STEPS

- Council Discussion about proposed grant applications and projects
- With Council approval, apply to these grants as discussed
- Continue grant projects & researching grant opportunities