



ARTERIAL LIFE CYCLE PROGRAM

Project Narrative

KYRENE ROAD: NORTH OF CHANDLER BOULEVARD TO
LOOP 202

CHN-20-RTP-060

CITY OF CHANDLER

DATE: 09-04-2025

General Project Information

Project Location:	KYRENE ROAD: NORTH OF CHANDLER BOULEVARD TO LOOP 202			
ALCP #:	CHN-20-RTP-060	Project Type		
Agency:	CITY OF CHANDLER	☒ Arterial	☐ Bridge	☐ Implementation Study
Contact Information (Fill in project partners if Multi-Jurisdictional Project)				
Agency	Contact Name	Phone Number	Email	

Intergovernmental Agreement with Project Partners (if applicable)			
☒ Not Required	☐ Needed for Project	☐ In Process	☐ Signed and Effective
Estimated Approval Date:		Effective Date:	

Project Scope and Data

Project Scope: Insert description of Project here. At minimum, this section should address the number of lanes, bicycle, pedestrian, and transit related upgrades.
Kyrene Road is currently a four-lane arterial roadway that provides two lanes in each direction, separated by a raised median with protected left turn pockets. Kyrene Road supports commuting traffic to and from the Loop 202 Santan Freeway as well as local traffic associated with homes and businesses between the Loop 202 Santan Freeway and Chandler Boulevard. Due to access restrictions on the existing freeway network, Kyrene Road is the only Loop 202 Santan Freeway westbound exit ramp between the Loop 101 interchange and the I-10 Interchange. Motorists using this exit experience high levels of congestion during the weekday peak travel hours.

Improvements may include additional lanes, median improvements, bus pads, streetlights, additional pedestrian facilities, landscaping, right-of-way acquisition, and utility relocations. The design will be locally funded, but construction will use 479 RARF ALCP funds.

This project was in the 2019 Transportation Master Plan as an Arterial Mid-Term Recommended project. The city also performed a study at this location on February 27, 2020, which assessed different possible options for the city to improve traffic flows.

The scope of work is to provide services including data collection, utility coordination, facilitate progress meetings, project management, survey, cost estimates, conceptual pre-design, project assessment reports, public and stakeholder meetings, right of way coordination, geotechnical services, environmental services, permitted plans including phasing plans, specifications, bid schedule with a final cost estimate, and bidding assistance.

RSTIIP Goals: How will the project align with the goals stated in the RSTIIP including improving safety, mobility, prosperity, responsiveness, livability, and/or preservation?

The purpose of this project is to re-evaluate mobility and safety concerns, future capacity needs and implement an improvement alternative that can accommodate future demands and reduce safety concerns.

The project will follow the City's 2019 Transportation Master Plan which includes emphasizing transportation efficiency and safety, continue to develop an integrated multimodal transportation system, and improve operational efficiencies of the transportation infrastructure. Other aspects of the plan are related to roadways, transit, bicycle/pedestrian, and overall strategies to enhance the city's transportation system which this project will strive to achieve.

Project Considerations: Title VI, and Utility Relocation

The city established the Title VI Non-Discrimination Program Implementation Plan back in July 2024. The city assures that no person shall on the grounds of race, color, national origin, age, sex, and disability, as provided by Title VI of the Civil Rights Act of 1964, and the Civil Rights Restoration Act of 1987. The City is responsible for initiating and monitoring Title VI activities, preparing required reports, and other responsibilities as required per federal regulations and policies.

The city's code ordinance 48-12. - Street and utility improvement requirements - This section outlines the standards and responsibilities for subdivision street, utility, and infrastructure improvements. Any entity performing work within public right of way including City projects are responsible for planning, financing, and constructing improvements, including streets, sidewalks, curbs, pedestrian/equestrian paths, streetlights, storm drainage, sewage disposal, and utility installations—in compliance with City codes, standards, and approvals. All engineering plans must be prepared by a licensed engineer and approved by the City Engineer before final plat recording. Improvements must be inspected, completed, and accepted by the city before any occupancy is allowed, though phased construction may be permitted. Also the entity overseeing the performance or work within public right of way will provide street signs, ensure underground utilities are in place before paving, and make provisions for future sewer connections where public systems are not yet available.

Public Involvement and Outreach Activities: Note public involvement and outreach activities that have and/or are anticipated to occur for the project. Please note if the activities have or will occur. The city and individual departments have Policies and Procedures that need to be followed by respective departments. The city has PWU-116 Public Involvement & Notification for Design and Construction Projects (dated February 8, 2024) that outlines the requirements for public involvement and notification procedures to be followed during the design and construction of City projects.		
Management Plan: Include the internal steps the jurisdiction will take to ensure quality and timely completion of the project. Provide name of the jurisdiction's project manager/employee that is responsible for project completion.		
Project Manager Name:	Phone:	Email:
Ray Dovalina	480-782-3314	Ray.Dovalina@chandleraz.gov
The city incorporates five phases of project delivery used by the Capital Improvement Division/Public Works Department are described as follows: <u>Pre-Design</u> The Pre-Design Phase consists of all activities necessary to prepare the project for detailed design. This phase begins with service request processing and project set up. Important elements of this phase is planning, budget set up, public outreach, AE selection and award. It includes the development of the pre-design report, which is submitted to the Owner Department for review. Once the Owner approves the pre-design report, the project is ready for design. <u>Design</u> The Design Phase consists of all activities necessary to prepare the project plans and specifications. This phase begins with Owner approval of the pre-design report. The first steps in the design process will vary depending on the nature of the design. However, design often starts by requesting a survey and obtaining a geotechnical report. The Design Phase also includes all property related activities such as purchasing the property and acquiring right-of-way or rights-of-entry. The Design Phase concludes with the CIP City Engineer signing the cover page of the final construction plans. <u>Bid and Award</u> The Bid and Award Phase includes those activities necessary to advertise the availability of completed plans and specifications for bid and to award the contract. This phase begins with the CIP City Engineer signing the cover page of the final construction plans. The initial steps include utility coordination, advertising the project for bids, evaluating the received bids, and awarding the construction contract to the successful bidder. The Bid and Award Phase concludes with the award and execution of the construction contract by the City Council. <u>Construction</u> The Construction Phase consists of the actual construction of the project. It begins when the City Council takes public action to award the construction contract to the selected Contractor and issuance of the Notice of Executed Contract. The initial steps include approval of the Contractor's		

insurance and bonds. This phase starts with the issuance of the Notice-to-Proceed. Construction ends on the date of Final Acceptance of the project by the CIP City Engineer when all physical work and corrections have been completed.

Post-Construction

The Post-Construction Phase includes the steps taken to: conduct any facility commissioning and startup (unless these activities are part of the construction contract), finalize all change orders, negotiate any outstanding issues with the contractor, close out the construction contract, prepare the contract acceptance Report, prepare the Lessons Learned Memoranda or Report, and prepare the as-built drawings. The Phase ends with closing the project.

Warranty

The warranty phase includes the period (generally one year after final acceptance) where contractor will connect, replace, repair built items that have failed an inspection is performed before one year expires.

In addition, the City's project development and implementation of capital projects require following these Policies and Procedures:

City of Chandler's Capital Improvement Project Delivery Manual

PWU-120	February 8, 2024	Administration of Capital Improvement Projects
PWU-124	February 8, 2024	Engineering Plan Review and Approval
PWU-128	March 29, 2024	Real Property Needs
PWU-131	April 11, 2024	Capital Improvement Project Closeouts
PWU-418	March 29, 2024	Capital Improvement Processes

Project Data					
Average Daily Traffic (ADT):	28,729	Year:	2020	ADT Source:	Kyrene Road-SR 202L to Chandler Boulevard Project Assessment Report (Nov 2021)

Length of Facility:			
Before Improvements:	1 mile	After Improvements:	1 mile

Number of Lanes:			
Current:	4	Planned:	6
Speed Limit on corridor:	45mph (Posted)	Peak AM/PM:	AM-NB (66%)/SB (34%) PM-NB (46%)/SB (54%)

Pedestrian Facilities:			
Before Improvements:	5ft Sidewalks/direction	After Improvements:	5ft Sidewalks/direction

Bicycle Facilities:			
Before Improvements:	Varies 6.5ft to 7ft (Includes Curb/Gutter) per direction	After Improvements:	6.5ft (Includes Curb/Gutter) per direction

Project Costs and Financial Information

Programming		
MAG Transportation Improvement Program Project Listing:	TIP IDs by Work Phase:	
	Pre-Design:	XXXX, XXXX, XXXX
	Design:	CHN20-060D, CHN20-060DRB
	ROW:	CHN20-060RW, CHN20060RWRB
	Construction:	CHN20-060C, CHN20-060CRB

Cost Estimate: Provide a cost breakdown for the project including quantitates and expected unit costs.		
TOTAL CONSTRUCTION ITEMS	\$ 33,719,216	
FINAL DESIGN FEE	\$ 4,288,000	
CONSTRUCTION MANAGEMENT FEE	\$ 5,057,883	
UTILITY RELOCATIONS AND ADJUSTMENTS	\$ 4,500,000	
RIGHT OF WAY ACQUISITION	\$ 1,837,901	
TOTAL	\$ 49,403,000	
Source of Cost Estimate:	Derived from a previous study (2020) with adjusted for inflation.	

Budget Summary: Use the cost estimate above, as necessary, to fill in the budget summary as listed below. Forms submitted without a table will be returned to the Lead Agency.				
Work Phase	FY for Work	Total Cost	Local Cost	Regional Share
Pre-Design				
Design	FY25-26	\$4,288,000	\$2,906,000	\$1,381,634
ROW/Utilities	FY26-27	\$6,337,901	\$2,193,000	\$4,144,901
Construction	FY27-28	\$38,777,099	\$30,487,296	\$8,289,803
TOTAL		\$49,403,000	\$35,586,662	\$13,816,338

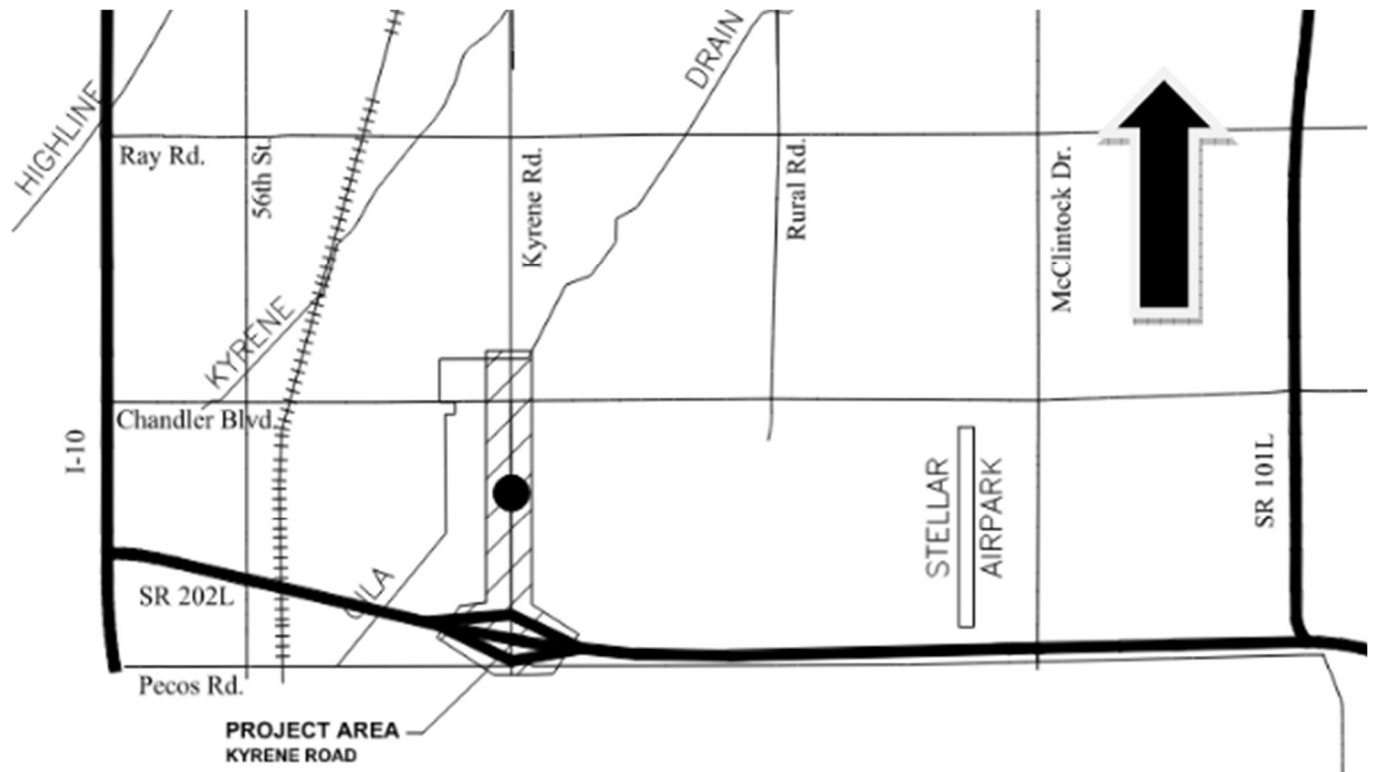
Project Schedule: The project schedule should clearly identify all project deliverable dates, including project start, milestones, interim tasks and projected completion date. *The milestones listed below are examples, please add or delete rows where needed to show the project's schedule.*

Milestones	Actual/Estimated Dates
Project Initiation Package to Engineering	Early 2026
Alignment Study/Design Concept Report Submittal	TBD
Design Kick-off Meeting	TBD
30% Design Submittal	TBD
60% Design Submittal	TBD
90% Design Submittal	TBD
Final design/PS&E	Early 2028
Bid Opening	Spring/Summer 2028
Contract Awarded	Summer 2028
Construction NTP	Fall 2028
Preconstruction (Partnering) meeting	TBD
25% Construction	TBD
60% Construction	TBD
Substantial Completion	Summer 2030
Inspection	Summer 2030
Project Completion and Acceptance	Fall 2030
Facilities Open to Traffic	Fall/Winter 2030

Source of Project Schedule:

Estimated based on activities to be performed.

Map/Photograph: Include a map, drawing, photograph, plans or other graphic showing the location of the project. The preferred option is an aerial photograph combined with a GIS overlay.



Project Documents: Please include a copy of the related project documents to MAG. There are not minimum requirements for the project, it is a list of documents that a project could have.

- Copy of the Project Listing in the Capital Improvements Program **(Required) – See below**
- Intergovernmental Agreement
- Memorandum of Understanding
- Design Concept Report
- Corridor Study
- Project Assessment
- Project Amendments

City of Chandler
2026-2035 Capital Improvement Program

Kyrene Road (Chandler Boulevard to Santan 202)

Program #

6ST737

Program Description:

Kyrene Road Improvements (Chandler Blvd to San Tan (Loop 202) Freeway) This project includes widening Kyrene Road from Chandler Boulevard to the Santan (Loop 202) Freeway from four to six thru lanes (widening to outside), traffic signal modifications, street lighting, storm drainage, landscaping, ROW acquisition and utility relocations. This program also includes intersection improvements at Kyrene Rd and Chandler Blvd consisting of dual left turn lanes and single right in all directions per study that was completed in 2021 to adequately scope the needed improvements to address increasing traffic volumes and new development in the area. Grant funding shown is dependent on Proposition 400 extension program. If the extension is not approved, there may be an opportunity for to obtain federal grant funding.

Focus Area to Achieve Council Strategic Goals:



Estimated Total Program Cost:

Prior spending (10 years of actuals and current year estimates including carryforward)
New 10-year appropriation

\$185,836

\$49,403,000

\$49,588,836

Financial Information:

<u>Expenditures</u>	<u>2025-26</u>	<u>2026-27</u>	<u>2027-28</u>	<u>2028-29</u>	<u>2029-30</u>	<u>2030-31</u>	<u>2031-32</u>	<u>2032-33</u>	<u>2033-34</u>	<u>2034-35</u>	<u>Total</u>
Project Support Recharge	\$ 84,000	\$ 43,000	\$ 842,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 969,000
Other Professional Services	4,204,000	-	-	-	-	-	-	-	-	-	4,204,000
Land Acquisition	-	2,150,000	-	-	-	-	-	-	-	-	2,150,000
Construction or Acquisition	-	-	42,080,000	-	-	-	-	-	-	-	42,080,000
Total	\$ 4,288,000	\$ 2,193,000	\$42,922,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$49,403,000
<u>Funding Sources:</u>	<u>2025-26</u>	<u>2026-27</u>	<u>2027-28</u>	<u>2028-29</u>	<u>2029-30</u>	<u>2030-31</u>	<u>2031-32</u>	<u>2032-33</u>	<u>2033-34</u>	<u>2034-35</u>	<u>Total</u>
Streets General Obligation Bonds	\$ 4,288,000	\$ 2,193,000	\$42,922,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$49,403,000
Total	\$ 4,288,000	\$ 2,193,000	\$42,922,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$49,403,000
<u>Operations and Maintenance</u>	<u>2025-26</u>	<u>2026-27</u>	<u>2027-28</u>	<u>2028-29</u>	<u>2029-30</u>	<u>2030-31</u>	<u>2031-32</u>	<u>2032-33</u>	<u>2033-34</u>	<u>2034-35</u>	<u>Total</u>
Ongoing Expense	\$ -	\$ -	\$ -	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 86,100
Total	\$ -	\$ -	\$ -	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 12,300	\$ 86,100