

KERN COUNCIL OF GOVERNMENTS
Congestion Mitigation and Air Quality (CMAQ) Program
PROJECT APPLICATION – Due Thursday, July 17, 2025

*Please note this is a PDF fillable form so responses may be typed. Items 1, 2, 7, and 22 are drop downs. Totals in item 6 will automatically calculate.

- (1) Is the project included in a local agency-adopted resolution supporting the project? Yes
- (2) Does the proposed project meet basic eligibility requirements? Yes
- (3) Project background and justification: Explain the project in terms of the existing infrastructure, its impact for service, safety or any other issue that is relevant to the project (attach to application). If the project scope relates to fueling infrastructure please provide a 3-year fleet conversion plan.
- (4) Lead Agency: City of Wasco
- (5) Project description [(Location:) + (Limits) + (;) + (Improvement/Activity)]
Shoulder Stabilization of the East side of Wasco Avenue from the Poso Avenue Bridge to ~ .12 miles South. Work will
include grading, hauling, ac paving, concrete, striping & other items of work typical with a shoulder stabilization Project.

(6)	Funding Type	PE	R/W	Const.	Total
	Local	\$	\$	\$	\$ 0
	Local	\$	\$	\$	\$ 0
	State TDA (LTF)	\$ 16,738	\$ 0	\$ 16,737	\$ 33,475
	Federal CMAQ	\$ 18,284	\$ 0	\$ 240,085	\$ 258,369
	Total	\$ 35,022	\$ 0	\$ 256,822	\$ 291,844

- (7) Programming Year by Phase: PE: FY 26-27 R/W: N/A Const: FY 27-28
- (8) VMT Reduction (annual miles): N/A
- (9) VOC Reduction (kg/day): N/A Additional documentation required. See instructions.
- (10) NOx Reduction (kg/day): N/A Additional documentation required. See instructions.
- (11) PM₁₀ Reduction (kg/day): 0.11 kg/day Additional documentation required. See instructions.
- (12) PM_{2.5} Reduction (Kg/day): N/A Additional documentation required. See instructions.
- (13) CO Reduction (kg/day): N/A Additional documentation required. See instructions.
- (14) Cost-Effectiveness (\$/lb): 644.26 Additional documentation required. See instructions.
- (15) Livability and Safety: Describe how project provides the six benefits; limit to half page per benefit.
- (16) Hwy Peak Period LOS Before Project (AM/PM average): N/A
- (17) Hwy Peak period LOS After Project (AM/PM average): N/A
- (18) Bikeway Peak Period LOS Before Project (AM/PM average): N/A
- (19) Bikeway Peak period LOS After Project (AM/PM average): N/A
- (20) Pedestrian Peak period LOS Before Project (AM/PM average): N/A
- (21) Pedestrian Peak period LOS After Project (AM/PM average): N/A
- (22) Is the project identified as a RACM/BACM? No

Application completed by: Maria Lara

Date Completed: 7/16/2025

E-mail: malara@cityofwasco.org

Phone Number: 661-758-7218

Agency: City of Wasco

Address: 764 E. Street Wasco, CA 93280

Send completed application electronically on a flash drive with transmittal letter on agency letterhead to:

Attn: Ceasar Valle ❖ Kern Council of Governments, 1401 19th Street, Suite 300, Bakersfield, CA 93301

OR send Digitally via [Dropbox, click here.](#)

CITY OF WASCO
CMAQ APPLICATION 2025
Wasco Avenue East Shoulder Improvement Project

Project Description:

The City of Wasco is requesting approximately \$291,844.00 in CMAQ funds for shoulder stabilization on the east shoulder of Wasco Avenue, from the city limits to the Poso Avenue Bridge, extending about .12 miles south. Work will include curb and gutter, sidewalk, grading, hauling, asphalt paving, concrete, striping & other items of work typical of a shoulder stabilization project.

Project Justification:

Travel on roads with dirt shoulders leads to higher particulate matter emissions (PM10). PM10 has been linked to premature death, respiratory and cardiovascular diseases, lost workdays, school absences, and reduced activity, all of which increase health costs. The San Joaquin Valley Air Pollution Control District (Valley Air District) reports that the valley currently does not meet the PM10 standards set by state clean air guidelines. This project will help the Valley Air District reach its air quality goals by reducing PM10 emissions by 4.8 pounds annually.

Installing paved shoulders will reduce the dust particulate matter produced when vehicles park or drive in front of critical public facilities, such as a new city water well, a new 1.5-million-gallon water storage tank, and the sanitation and police fleet parking lot. Completing and installing sidewalks, curbs, and gutters will increase and improve the number of transportation options available on this road by creating an even and accessible surface. Not only will the sidewalks offer a safe space for pedestrians, but the gutters will also provide a safe route for rainwater to drain, preventing it from conflicting with pedestrians or other motor vehicle traffic.

CITY OF WASCO
CMAQ APPLICATION 2025
Wasco Avenue East Shoulder Improvement Project

15) Describe whether and how the project provides the four Livability benefits.

1. Will enhance or reduce the average cost of user mobility through the creation of more convenient transportation options for travelers.

Yes, the project will improve user mobility on the east side of Wasco Avenue, from the city limits to Poso Avenue Bridge, roughly 0.12 miles south, by paving and stabilizing the dirt shoulder on the eastbound lane. Extending the eastbound lane to full pavement width and adding pedestrian infrastructure will enhance air quality and make it safer and easier for pedestrians and bicyclists to use this road.

2. Will improve existing transportation choices by enhancing points of modal connectivity, increasing the number of modes accommodated on existing assets, or reducing congestion on existing modal assets.

Yes, this project will increase the number of modes accommodated on the east side of the roadway and improve modal connectivity by enhancing access. The east side of Wasco Avenue currently has unpaved shoulders and no sidewalks. The paving of the road will be designed to comply with the Americans with Disabilities Act (ADA) standards. It will enhance active forms of transportation, including walkability and bike access, on existing modal assets.

3. Will improve travel between residential areas and commercial centers and jobs.

Yes, this project will enhance travel by making it easier for city crews to access our critical infrastructure facilities, such as our new water well and 1.5-million-gallon water storage tank. It will also improve the safety, cleanliness, speed, and accessibility of the sanitation and police fleet parking. Additionally, it will create a more complete street and reduce particulate matter.

4. Will improve accessibility and transportation services for economically disadvantaged populations, non-drivers, senior citizens, and persons with disabilities, or make goods, commodities, and services more readily available to these groups.

The project will enhance safety, accessibility, and connectivity by installing curb & gutter, as well as a sidewalk on the east side of Wasco Avenue. This initiative will provide necessary public infrastructure to boost safety, improve air quality, and accessibility to critical public facilities (water well, water storage tank, sanitation, and police fleet) serving the economically disadvantaged community of Wasco. Consequently, the project will enhance access to these vital resources for economically

CITY OF WASCO
CMAQ APPLICATION 2025

Wasco Avenue East Shoulder Improvement Project

disadvantaged populations, non-drivers, seniors, and individuals with disabilities. Wasco is considered an economically disadvantaged community, with a median household income of \$55,060.00, which is only 43% of the statewide median household income of \$96,334.00 (2023 American Community Survey 5-Year Estimates).

5. Is the existing Accident Rate higher than the average rate for a similar facility?: No
Does the project reduce the Accident Rate to the average rate or lower?: No

The recent 5-year average for fatal and injury crashes in Wasco is 33.6 (TIMS SWITRS Summary 2025). The current accident rate in the project area is 1 collision out of 168 collisions in Wasco. These rates are based on collisions in Wasco from 2020 through 2024. Of the 168 total collisions, one occurred in or near the project area, and one occurred at the comparison site (J Street and 9th Street). The project aims to reduce the accident rate in the target area to zero collisions per 100 (Source: TIMS - Transportation Injury Mapping System (berkeley.edu)).

6. Is the existing Fatality Rate higher than the average rate for a similar facility?: No.
Does the project reduce the Fatality Rate to the average rate or lower?: Yes.

No, the existing fatality rate is not higher than the state average. The project aims to maintain a fatality rate to zero, which is equal to the state average rate.

Crash Details for: Case ID 9259709

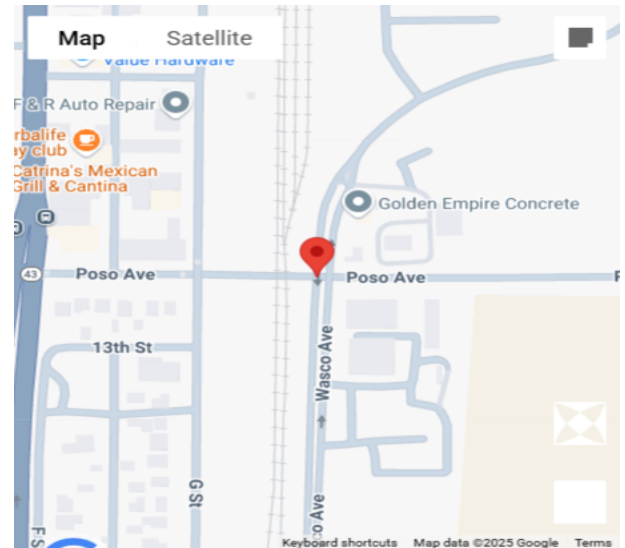
Crash Information

County	Kern
City	Wasco
Date & Time (M/D/Y)	05/04/2021 08:21
Location (Intersection)	Wasco Av & Poso Av
Dist. & Dir. from Intersection	At Intersection
State Highway	No
Geocoded Location	35.5869827, -119.3315201

Type of Crash	B - Sideswipe
Motor Vehicle Involved With	C - Other Motor Vehicle
Crash Severity	3 - Injury (Other Visible)
PCF Violation Category	03 - Unsafe Speed
Weather	A - Clear
Alcohol Involved	No

Pedestrian Crash	No	Bicycle Crash	No
Motorcycle Crash	No	Truck Crash	Yes

Map View



Street View



Parties: 2

Party Number	Party Type	Statewide Vehicle Type	At Fault	Party Direction	Movement Preceding Collision
1	1 - Driver (including Hit and Run)	G - Truck or Truck Tractor with Trailer	Yes	South	B - Proceeding Straight
2	1 - Driver (including Hit and Run)	A - Passenger Car/Station Wagon	No	South	E - Making Left Turn

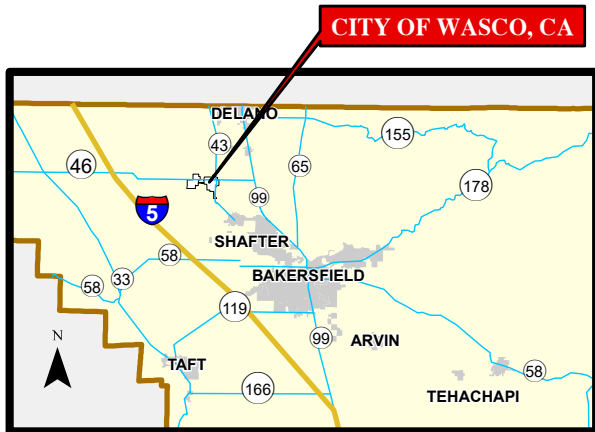
Victims: 1

Party Number	Victim Role	Victim Gender	Victim Age	Victim Degree of Injury
2	1 - Driver	M - Male	24	6 - Suspected Minor Injury

CMAQ Wasco Avenue East Shoulder Improvements



CITY VICINITY LOCATION



KERN COUNTY VICINITY MAP

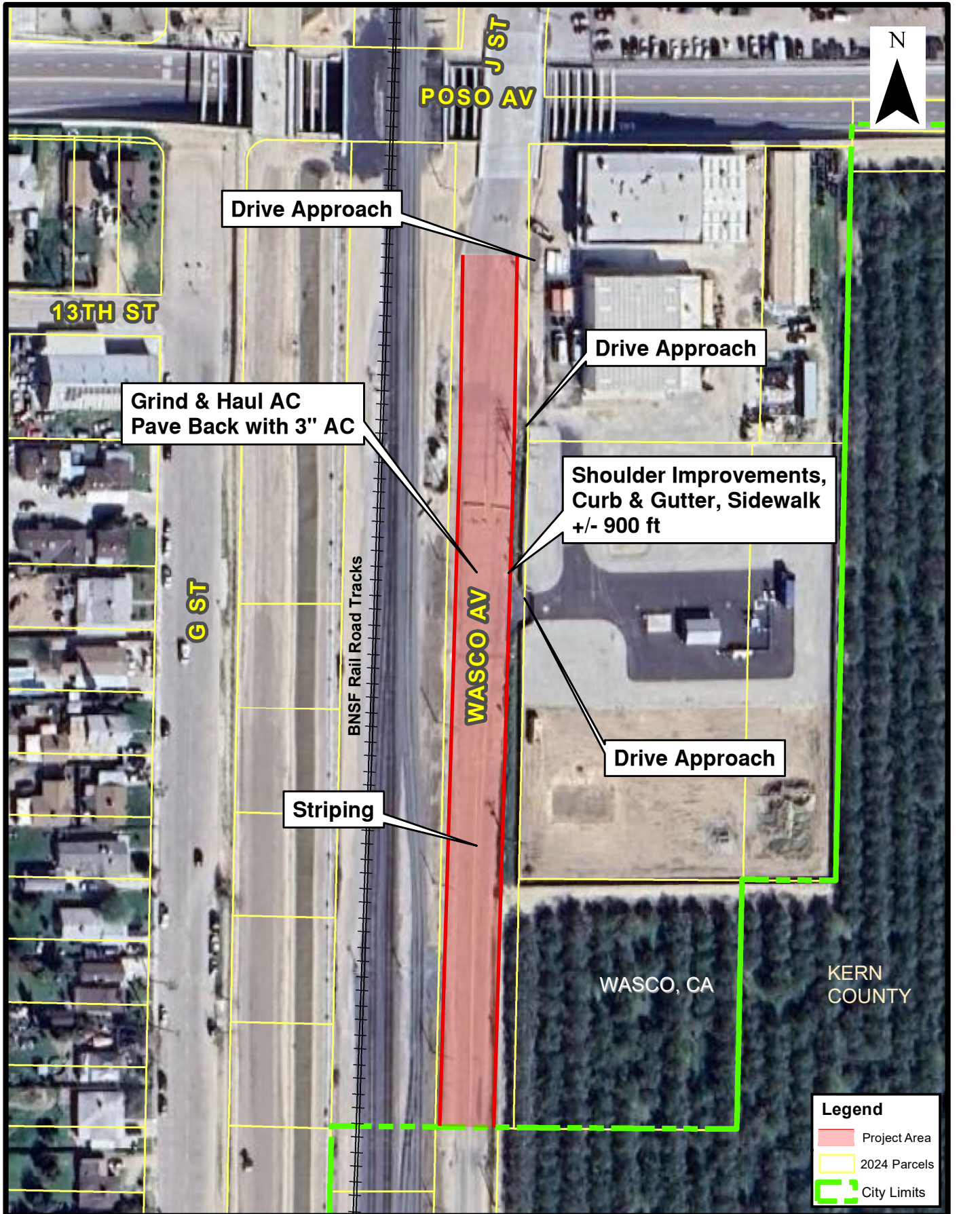
Legend

- Project Area
- 2024 Parcels
- City Limits



Project Site Map

CMAQ Wasco Avenue East Shoulder Improvements



Project Description

Shoulder Stabilization of the East side of Wasco Avenue from the Poso Avenue Bridge to ~ .12 miles South. Work will include grading, hauling, ac paving, concrete, striping & other items of work typical with a shoulder stabilization Project.

Inputs to Calculate Cost-Effectiveness:

Total Project Cost	291,844	
CMAQ Dollars	258,369	
Effectiveness Period (Life):	20 yrs	
Days of Use/year (D):	365 days	
Length (L) of Curb and Gutter:	0.12 mile	Centerline miles
Annual Average Daily Traffic (ADT):	69 vpd	

Emissions Factors (g/vehicle mile from the SJV Amended 2003 PM-10 Plan & SJV Air District):

	Before Emission Factor	After Emission Factor	
PM10 Factor	907.18	1.58	← 1.58 for paved local roads 4.54 for rural local roads

Annual Emission Reductions (PM10 in pounds/year)

Daily PM10 Reductions (kg/day)	=	0.01
Annual Emission Reductions (lbs/yr)	=	4.8

Capital Recovery Factor (CRF)

$$= \frac{(1+i)^n \times i}{(1+i)^n - 1} \text{ where } i = \text{Discount Rate (3\%)} \text{ and } n = \text{Project Life (20 years)}$$

So, the capital recovery factor = 0.07

Cost - Effectiveness of Funding Dollars

$$= (\text{CRF} \times \text{Funding}) / (\text{Annual PM10 Reductions})$$

$$= 3783.8$$

Thus,

$$\text{Calculated Cost - Effectiveness} = 3783.77$$

CITY OF WASCO
Engineers Estimate
CMAQ Wasco Avenue City Limits to Poso Bridge

				Estimate	
ITEM NO.	ITEM CODE	UNIT OF MEASURE	ESTIMATED QUANTITY	PRICE PER UNIT	TOTAL PRICE
1	Grind & Haul Existing AC	SF	15600	1.25	\$ 19,500.00
2	Grading & Compaction	LS	1	25,000.00	\$ 25,000.00
3	Striping (Thermoplastic)	LS	1	10,000.00	\$ 10,000.00
4	Curb & Gutter	LF	650	35.00	\$ 22,750.00
5	Drive Approach	EA	3	15,000.00	\$ 45,000.00
6	Concrete Sidewalk	SF	4000	10.00	\$ 40,000.00
7	AC Paving (3")	TONS	250	200.00	\$ 50,000.00

SUBTOTAL	\$	212,250.00
CONTINGENCIES	\$	21,225.00
Total	\$	233,475.00
PE	\$	35,021.25
CE	\$	23,347.50
TOTAL	\$	291,843.75

RESOLUTION NO. 2025 - 4219

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WASCO APPROVING AN APPLICATION FOR FUNDING AND AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE A GRANT AGREEMENT AND ANY AMENDMENTS THERETO FOR FISCAL YEAR 2025 CONGESTION MITIGATION AIR QUALITY PROGRAM AND/OR CARBON REDUCTION PROGRAM (CMAQ) FUNDING AND COMMITTING THE NECESSARY LOCAL MATCH AND STATING THE ASSURANCE TO COMPLETE THE WASCO AVENUE EAST SHOULDER IMPROVEMENT PROJECT

WHEREAS, the City of Wasco (herein referred to as APPLICANT) is submitting an application to the Kern Council of Governments (Kern COG) for \$291,844.00 in funding from the Congestion Mitigation Air Quality Program and/or Carbon Reduction Program (herein referred to as "federal funding") for the for Wasco Avenue East Shoulder Improvements from City limit to Poso Avenue (herein referred to as PROJECT); and

WHEREAS, APPLICANT has the financial capacity to complete, operate and maintain the PROJECT; and

WHEREAS, APPLICANT will ensure that funds required from other sources will be reasonably expected to be available within the time frame needed to carry out the PROJECT; and

WHEREAS, APPLICANT is authorized to execute and file an application for funding the PROJECT under the Congestion Mitigation Air Quality Program and/or Carbon Reduction Program; and

WHEREAS, APPLICANT authorizes its city manager, or designee to execute and file an application with Kern COG for federal funding for the PROJECT as referenced in this resolution.

NOW, THEREFORE, BE IT RESOLVED BY the City Council of the City of Wasco, as follows:

SECTION 1: APPLICANT will provide \$33,475.00 (11.47%) in Transportation Development Act (TDA) Local Transportation Funds (LTF) for (local) matching funds; and

SECTION 2: APPLICANT understands that the Congestion Mitigation Air Quality Program and/or Carbon Reduction Program funding for the project is fixed at the approved programmed amount, and that any cost increases must be funded by the APPLICANT from other funds, and that APPLICANT does not expect any cost increases to be funded with additional federal funding; and

SECTION 3: APPLICANT understands the funding deadlines associated with these funds and will comply with the program implementation procedures described in Chapter 2 of the Kern COG Project Delivery Policies and Procedures manual; and

SECTION 4: PROJECT will be implemented as described in the complete application and in this resolution and, if approved, for the amount programmed in the FTIP; and

SECTION 5: APPLICANT and the PROJECT will comply with the requirements as set forth in the program; and

SECTION 6: APPLICANT authorizes its City Manager, or designee to execute and file an application with Kern COG for federal funding for the PROJECT as referenced in this resolution.

BE IT FURTHER RESOLVED that the City Manager, or designee is hereby authorized and empowered to execute in the name of the City of Wasco all grant documents, including but not limited to, applications, agreements, amendments, reports, budget appropriations, and payment requests, necessary to secure grant funds and implement the approved grant PROJECT.

-o0o-

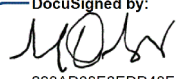
I HEREBY CERTIFY that the foregoing Resolution No. 2025 - 4219 was passed and adopted by the Council of the City of Wasco at a regular meeting thereof held on June 17, 2025, by the following vote:

COUNCIL MEMBERS:	MEDINA, SALDAÑA, MARTINEZ, RAYA, REYNA
AYES:	MEDINA, SALDAÑA, MARTINEZ, RAYA, REYNA
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	NONE

Signed by:

B0126BAE10EB473...
VALENTIN MEDINA
MAYOR of the City of Wasco

Attest: 6/18/2025

DocuSigned by:

290AD08E8EDD40F...
MARIA O. MARTINEZ, CMC
CITY CLERK and Ex Officio Clerk of
the Council of the City of Wasco

DS