

TECHNICAL ADVISORY COMMITTEE REGULAR MEETING AGENDA

Local Governments and Citizens Working Together

TECHNICAL ADVISORY COMMITTEE (TAC)

March 9, 2023

Time: 9:00 a.m.

In-Person/Virtual

230 West Morrison Street

Yuma, Arizona 85364

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YMPO TAC MEMBERS

Chair	Eulogio Vera, Public Works Director, City of San Luis
Vice Chair	Eric Holland, Planning Director, Cocopah Indian Tribe
Member	Saul Albor, Community Development Director, City of Somerton
Member	Mark Hoffman, Senior Planner, ADOT
Member	Susan Cowey, CIP Administrator, City of Yuma
Member	Frank Sanchez, County Engineer, Yuma County
Member	Jennifer Albers, Principal Planner, City of Yuma
Member	Kelly Fricke, Interim Public Works Director, Yuma County
Member	Joseph Grant, Public Works Director, Town of Wellton
Member	Dave Wostenberg, City Engineer, City of Yuma

YMPO TAC EX-OFFICIOS

CALTRANS	Beth Landrum
EPA	John Kelly
FHWA	Romare Truly
FTA	Ariana Valle
YCIPTA	Shelly Kreger

1. Call to Order and Declaration of Votes

The meeting will be called to order and the City of Yuma will declare the number of their votes.

2. Title VI of the Civil Rights ACT of 1964

A brief message will be read out reminding members of our Title VI obligations. YMPO has on the TAC Website Survey Cards for the public to complete. Please send these to Charles Gutierrez, YMPO Senior Planning Manager, at cgutierrez@ympo.org.

Jesus Aguilar (JR) will read a Title VI Statement, Information Only.

3. **Call to the Public**

This item is to provide an opportunity for comments by the public. Individuals wishing to address the committee need not request permission in advance and are limited to three (3) minutes.

4. **Approval of Minutes**

The approval of the February 9, 2022 minutes.

This item is on the agenda for information, discussion, and/or action.

5. **Regional Coordination Plan Update**

The YMPO Regional Coordination Plan Kick-Off was kicked off as of November 1, 2022. The Coordination Plan is nearing the completion and this meeting is for Working Paper 2. The schedule is for completion in April.

JR Aguilar, YMPO, will present this item. This is on the agenda for information, discussion, and/or action. Please refer to Summary Agenda Item 5.

6. **Call for Projects**

YMPO TAC members have submitted projects for consideration inclusion into the FY 2024 - 2028 Transportation Improvement Program (TIP) for the Yuma Metropolitan Planning Area.

Charles Gutierrez, YMPO, will present this item. This is on the agenda for information, discussion, and/or action. Please refer to Summary Agenda Item 6.

7. **YMPO FY 2023-2026 TIP Amendment #7**

At the request of the Cities of Yuma, Somerton, and San Luis and Yuma County are requesting the TIP be amended to accept and modify the HSIP projects for FY 23, 24, 25, and 26. YMPO is also requesting the inclusion of the US 95 segments for the design phase.

YMPO staff will present this item. This is on the agenda for information, discussion, and/or action.

12. **YMPO and ADOT**

YMPO and ADOT staff will have the opportunity to update any other business that is or was not covered in the previous agenda items.

- a. YMPO
- b. ADOT MPD Update

This item is on the agenda for information and discussion. Charles Gutierrez (YMPO) and Mark Hoffman (ADOT) will present this item.

13. In-Kind Match Forms

This item is on the agenda as a reminder that all YMPO business that any member or staff that does work for YMPO in any form (i.e., read, comment, meetings), YMPO is able to capture portions, or all, of your time as 'soft' match for those YMPO programs.

This item is on the agenda for information and discussion only.

14. TAC Status Report

Member agencies will have the opportunity to report the status of their projects (Local or Federal). A list of ongoing projects is shown in the information below.

Town of Wellton: No projects listed

Yuma County:

Avenue D/E Corridor through 16th Street to 23rd Street
Martinez Lake and Red Cloud Mine Road
North Frontage Road from 10E to Fortuna

City of San Luis:

Cesar Chavez (Juan Sanchez) Boulevard
County 24th Street

City of Yuma:

32nd Street Ave B-Ave D
Avenue B - Reconstruction 24th Street-16th Street
18th St & Ave C
28th Street Widening between 33rd drive-45th drive

City of Somerton: No projects listed

ADOT:

I-8 Sentinel Rest Area Project
I-8 MP 0.1 - 31 Various Bridges
I-8 Colorado River Bridge Repair Project
I-8 Wellton-Ave 36E Pavement Life Extension Project
I-8 W. of Aztec to E. of Aztec MP 71-82
US 95, Ave 9E to Rifle Range Rd Project
US 95 Wellton-Mohawk Canal Bridge Project
US 95 MP 67-80 Pavement Life Extension Project

Cocopah Indian Tribe: No projects listed

15. Future Agenda Items

Members will have the opportunity to suggest future items for the TAC agenda.

- a. TIP Amendment
- b. Grant Awards

16. Progress Reports

YMPO staff has provided a list of recent activities

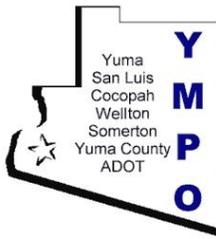
- a. Feb 9 - TAC Meeting (CF, CG, NC, JR)
- b. Feb 9 - Statewide Mobility Managers Virtual Meeting (JR)
- c. Feb 9 - YRBC Meeting (JR)
- d. Feb 10 - COG/MPO Planners Meeting (CG)
- e. Feb 13 - Virtual RTAC Advisory Committee Meeting (CF)
- f. Feb 13 - ADOT/YMPO Monthly Coordination Meeting (CF, CG)
- g. Feb 14 - IT Manager Interviews (CF, CG)
- h. Feb 14 - RTS Sponsorship Opportunity Meeting with Kittleson (CF, CG)
- i. Feb 14 - RTS Sponsorship Opportunity Meeting with Kimley-Horn (CF, CG)
- j. Feb 15 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CF, CG)
- k. Feb 15 - ADOT 5310 Grant Application Training (NC, JR, CG)
- l. Feb 15 - YMPO RCP 5311 Brochure Discussion (CG, JR)
- m. Feb 16 - RTS Planning Meeting (CG, CF)
- n. Feb 16 - WACOG Networking for Community Resources (JR)
- o. Feb 17 - Arizona State Transportation Board Meeting in Oro Valley (CF, CG)
- p. Feb 21 - ADOT TA Program OC Meeting #3 (CF, CG)
- q. Feb 21 - Yuma PM10 SIP Update Call (CF, CG)
- r. Feb 21 - Achieve/YMPO 5310 Site Visit (JR)
- s. Feb 22 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CF, CG)
- t. Feb 22 - Corridor Profile Studies Update (CG)
- u. Feb 22 - YMPO and Wilson Meeting (CG)
- v. Feb 22 - YMPO and ADOT Meeting (CG)
- w. Feb 23 - NAU SCP/YMPO 5310 Site Visit (JR)
- x. Feb 23 - Executive Board Meeting (CF, CG, BD, NC)
- y. Feb 24 - YMPO RAISE 2023 Submission (CF, CG)
- z. Feb 24 - PASS Trainer Observation with SEAGO in Florence (JR)
- aa. Feb 27 - RTAC Board Meeting (CF, CG)
- bb. Feb 28 - 5310 Program Visit with Horizon Health and Wellness (JR)
- cc. Feb 28 - AZ DOT RDIP Workshop and Roundtable Discussions (CG)

- dd. Mar 1 - AZ DOT RDIP Workshop and Roundtable Discussions (CG)
- ee. Mar 1 - RTS Conference Planning Meeting (CF)
- ff. Mar 1 - YC's Meeting with Marisol Flores-Aguirre, Gov. Hobb's' Southern AZ Office Director: Economic Development (CF)
- gg. Mar 2 - YMPO Visit with Irma Llamas and Steve Nath from HOPE Arizona (JR)
- hh. Mar 2 - Meeting with YMPO & Michael Baker Intl (CG)
- ii. Mar 6 - Staff Meeting (CF, CG, BD, NC, JR)
- jj. Mar 6 - BOS Annual Presentation (CF)

kk. Mar 6 - Emotional Intelligence Part 1 Training with Yuma County (CF, CG, BD, NC, JR, RA)

Adjournment

Notice: In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, YMPO does not discriminate on the basis of disability in the admission of or access to, or treatment or employment in, its programs, activities, or services. For information regarding rights and provisions of the ADA or Section 504, or to request reasonable accommodations for participation in YMPO programs, activities, or services, contact Crystal Figueroa or Charles Gutierrez at 928-783-8911.



TECHNICAL ADVISORY COMMITTEE REGULAR MEETING MINUTES

Local Governments and Citizens Working Together

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Member	Jennifer Albers, Principal Planner, City of Yuma
Member	Kelly Fricke, Interim Public Works Director, Yuma County
Member	Joseph Grant, Public Works Director, Town of Wellton
Member	Dave Wostenberg, City Engineer, City of Yuma

ADDITIONAL PRESENT

Jenny Torres, City of San Luis

Romare Truely, FHWA

Isabell Garcia, ADOT

Jennifer Hobert, ADOT

Mark Henige, ADOT

Mary Ellen Finch, MCAS Yuma

YMPO STAFF PRESENT

Senior Planning Manager

Executive Director

Administrative Assistant

Mobility Manager

Charles Gutierrez

Crystal Figueroa

Norma Chavez

Jesus R Aguilar Jr

1. **Call to Order and Declaration of Votes**

Chairman Eulogio Vera called the meeting to order at 9:00 A.M. The City of Yuma declared votes as Dave Wostenberg 2, Susan Cowey 2, and Jennifer Albers 1.

2. **Title VI of the Civil Rights ACT of 1964**

A brief Title VI Nondiscrimination Notice to the Public was read by YMPO Staff Jesus R. Aguilar Jr.

3. **Call to the Public**

There were no announcements from the public or TAC members.

4. **Approval of Minutes**

The January 12, 2022 minutes were approved. Planning Director Eric Holland, Cocopah Indian Tribe, motioned for approval. Public Works Director Joseph Grant, Town of Wellton, seconded the motion. The motion carried.

5. **Regional Coordination Plan Update**

Mr. Aguilar provided a brief update on YMPO's Regional Coordination Plan (RCP). Since January's TAC meeting, YMPO held two public engagement workshops on February 1, 2023, at the San Luis Library from 1:00 to 2:30 PM and the Yuma Main Library from 4:00 to 5:30 PM. In addition, public notices and survey links were announced and published in local radio stations, newspapers, and senior living communities in the region. LSC Transportation Consultants have presented Tech Memo #1 to the TAC and RMC providers for comments. Steps that follow are:

- LSC will continue working on Mobility Needs Assessment (Task 5)
- The Preferred Conditions (Task 6A)
- The Yuma Program Brochure (Task 6B)
- TAC recommends approval to the Executive Board in April or May 2023
- The Executive Board's approval in April or May 2023
- Submission to ADOT in May 2023

6. **Call for Projects**

YMPO Senior Planning Manager, Charles Gutierrez, began his presentation by informing the TAC members that based upon the dollar amounts from last month's TAC meeting, the current funding availability for FY 2023 to 2027 is:

FY 2023

STBG - \$22,077

Carbon Reduction Program (CRP) - \$595,879

FY 2024

STBG - \$22,077

CRP - \$297,939

FY 2026 -

STBG - \$387,573

CRP - \$273,765

FY 2027

STBG - \$938,742

CRP - \$273,765

The TAC member agencies are being asked to present their project for inclusion in the FY 2024 - 2028 Transportation Improvement Program (TIP) for the Yuma Metropolitan Planning Area. TAC Member Agencies are to submit their projects including the total cost and description for each project. The information will then be distributed within the TAC in 2 to 3 weeks. In next month's TAC meeting, the TAC will rate and prioritize all projects, and begin programming for them. If required, a project will go through the Air Quality Conformity analysis.

Mr. Grant said that upon the Town Manager's review of Town of Wellton's project, they have decided to switch out their current intersection widening project for the rehabilitation of William Street (North of Interstate 8 to Los Angeles Avenue). Mr. Grant emphasized the significance of William Street as it is the first impression individuals get of Wellton upon exiting the freeway. The street currently has edges that are broken off and without shoulders. Town of Wellton's current project is approximately \$561,000 for construction; however, the rehabilitation of William Street is approximately \$900,000. The Town of Wellton requested that the rehabilitation project be programmed for FY 2027.

Yuma County Engineer, Frank Sanchez, asked for confirmation from Mr. Grant that although the project has already been partially funded, all that is needed is to move the project to FY 2027?

Mr. Grant clarified that the Town of Wellton was funded for their current project but would need additional funding if they were to exchange it for their new proposed project, in addition to programming it for FY 2027.

Mr. Gutierrez said that once a project has been programmed and then replaced with a possible new project, the funding amount goes back into the pool and available to all member agencies.

Mr. Grant concluded by asking the TAC to please consider the Town of Wellton's project as they rarely propose a new project.

Mr. Holland submitted a possible project for the intersection light at the intersection of Cocopah Casino and Korner Street. According to the information provided by Yuma County Public Works, Cocopah Indian Tribe needs approximately \$95,000 for maintenance of the intersection light. Mr. Holland asked the TAC to please consider their project as Cocopah Indian Tribe has not had a project programmed in the TIP in years.

Mr. Gutierrez asked Mr. Holland whether there had been any major accidents at the intersection of Cocopah Casino and Korner Street.

Mr. Holland said he did not know of any accidents at the intersection.

Mr. Gutierrez said he would inquire about possible accidents in the intersection with Mike Blankenship from Greenlight Traffic Engineering.

Mr. Sanchez said Yuma County is looking at replacing the bridge on Somerton Avenue and 10 1/4. He stated that there was a recent accident on the bridge and was surprised the guard rail prevented the vehicle from going into the canal. The bridge is very old and constantly being maintained because farm vehicles regularly drive over the bridge causing it to flex and the asphalt to break. Mr. Sanchez said Yuma County will formalize and submit a Design Concept Report (DCR) with any additional documentation.

Next, Mr. Vera said that due to the Circulation Study and POE Expansion findings, the City of San Luis will request funding for a Traffic Signal on Main Street.

Mr. Sanchez asked if there have been fatalities on Main Street in San Luis?

Mr. Vera said there have been no fatalities on Main Street.

City Engineer Dave Wostenberg said the City of Yuma will not be requesting any funding at this time. However, the City is working with Yuma County and will include, in their TIP, the preliminary design funds in the outer year for design and environmental plans for County 14th to Foothills Boulevard.

City of Somerton Interim Community Development Director, Saul Albor, will request funding for the reconstruction of Main Street from Somerton Avenue to State Avenue. Mr. Albor stated that they have 100% design for the reconstruction, which includes new roads, new curb and gutter, and sidewalk widening for pedestrian path. Furthermore, the City of Somerton will be seeking funding for plans for the design of City Avenue to Union Avenue.

ADOT Senior Planner, Mark Hoffman, reminded the TAC that Transit projects are also eligible on the Carbon Reduction Program (CRP). Mr. Hoffman encouraged informing YCIPTA Transit Director, Shelly Kreger, that the funds are available.

Mr. Gutierrez said YMPO has spoken with Ms. Kreger and YCIPTA has contacted the City of Yuma about possibly placing more bus pull-outs.

Mr. Hoffman asked if YMPO anticipates authorizing CRP funds for FY 23?

Mr. Gutierrez said he wasn't sure.

Mr. Sanchez asked if traffic signals, or City of Somerton's walkway would qualify for CRP funds?

Mr. Hoffman said the walkway for pedestrians would qualify, however, would have to research whether the traffic signal project would also qualify.

7. Arizona Border Master Plan

Mr. Gutierrez provided a brief presentation on the Arizona Border Master Plan. The Arizona Department of Transportation (ADOT) and Federal Highway Administration (FHWA), working collaboratively with State of Sonora, the Mexican Federal Agencies, Secretaria de Relaciones Exteriores (SRE) and Secretaria de

Comunicaciones y Transportes (SCT), and several other local, state, and federal agencies in the United States and Mexico, have initiated the process to update the Arizona-Sonora Border Infrastructure Master Plan (BIMP). The original Border Master Plan was developed in 2012 and completed in February 2013.

The project team began collecting and reviewing data in late 2021 and will continue into 2023. The plan will be approved in mid-2023. Data on existing conditions in the study area and projections for future conditions are currently under development. Site-specific information on operations and infrastructure at each Land Port of Entry (LPOE) will also be updated.

The BIMP process will enable border stakeholders to consider the region's needs for the future. The updated plan will include a list of prioritized Arizona-Sonora border-related infrastructure projects or studies that need to be developed, expanded, modernized or improved.

8. AZ SMART Fund

City of San Luis Assistant City Manager, Jenny Torres, informed the TAC that the City of San Luis is applying for the Arizona Smart Fund for the Cesar Chavez Blvd widening project. Ms. Torres stated that the City is considering using the AZ SMART Funds for the reimbursement of design and engineering costs of \$2.8 million. As part of the regulations of the AZ SMART Fund program, YMPO is required to approve the request for City of San Luis' submittal.

Mark Henige, ADOT, asked Ms. Torres for status on the acquisition of right-of-way.

Ms. Torres said the City of San Luis has acquired 16 acres of state right-of-way and approximately 60 acres of federal right-of-way. She added that the City is currently in negotiations with private property owners.

Mr. Gutierrez said that the City of San Luis is looking for recommendation to the Executive Board for YMPO Director Crystal Figueroa and Executive Board Chair to approve the letter to be sent to San Luis for support of their efforts for the SMART Fund for \$2.8 million.

Ms. Figueroa encouraged all member agencies to apply for AZ SMART Fund Program for reimbursement, design, or non-federal match purposes.

Mr. Vera motioned for approval. Mr. Holland seconded the motion. Motion carried.

12. YMPO and ADOT

YMPO and ADOT staff will have the opportunity to update any other business that is or was not covered in the previous agenda items.

- a. Transportation Alternative Program - For informational purposes, Mr. Gutierrez updated the TAC on the Transportation Alternative Program that is currently being redeveloped at ADOT. ADOT's objective is for a fair and equitable program that helps Arizona's local and tribal governments address their unique litany of transportation investment needs. The program's values are:
 - i. Provide technical assistance to equalize access to program resources for all Arizona communities.
 - ii. Investment should look 'beyond the car' to focus on safety, accessibility, and connections between public health and transportation.
 - iii. Program decisions should be transparent and incorporate the principles of diversity, equity, and inclusiveness.

More information to come.

- b. ADOT MPD Update - Mr. Hoffman provided a brief update on the Arizona Border Masterplan. The project team finished up meeting with the border communities and finalizing their projects list that they want to include for scoring. The project team has reached out to the technical working group and policy group to get input on the weighting of the evaluation criteria to score each project under the categories.

ADOT has completed the needs and revenue analysis for the State Long Range Transportation Plan. They are currently getting ready for the public meetings scheduled for the end of February and beginning of March.

- c. Mr. Henige mentioned to the TAC that the Off-System Bridge applications were submittal deadline was at the end of December. The Bridge Committee will provide an update on selection by the end of the week. Additionally, ADOT LPA will be sending out letters of notification, or following up with questions that the Committee might have with regards to cost on the projects.

Mr. Henige also mentioned that YMPO has submitted all member agency projects that were programmed for authorization for design for FY 23.

Mr. Hoffman asked if the 40th Street HURF Exchange project for FY 23 has been submitted to ADOT LPA? Dave Wostenberg said that there has to be a TIP change for the project due to the bridge construction needs to be completed first

Mr. Henige said he believed the construction was going to be removed from the TIP. Mr. Wostenberg mentioned that construction will take place but in a different year. Mr. Hoffman said there has been no TIP Amendment for that effort. Jennifer Hobert, ADOT, asked Dave if the design was going to be done with local funds, and if the City of Yuma would be pursuing a grant for construction? Mr. Wostenberg clarified by stating that there are three different elements to 40th Street. It was clarified that the City has reached out to YMPO already and a TIP amendment will be happening for this project as soon as possible. Charles Gutierrez, YMPO, assured the TAC and the city that there are already other requests for an amendment and that will occur at the next TAC meeting.

13. In-Kind Match Forms

This item is on the agenda as a reminder that all YMPO business that any member or staff that does work for YMPO in any form (i.e., read, comment, meetings), YMPO is able to capture portions, or all, of your time as 'soft' match for those YMPO programs.

This item is on the agenda for information and discussion only.

14. TAC Status Report

Member agencies will have the opportunity to report the status of their projects (Local or Federal). A list of ongoing projects is shown in the information below.

Town of Wellton: Mr. Grant said nothing to report.

Yuma County: Mr. Sanchez said:

Avenue D/E Corridor through 16th Street to 23rd Street - finalizing RAISE application and recently received and reviewing the draft DCR for Phase II.

Martinez Lake and Red Cloud Mine Road - Realignment was completed and now open to traffic.

North Frontage Road from 10E to Fortuna - Expect to have final plans from Consultants soon.

City of San Luis: Mr. Vera said:

Cesar Chavez (Juan Sanchez) Boulevard - The City is working on right-of-way acquisitions.

County 24th Street - The project is currently out to bid.

City of Yuma: Mr. Wostenberg said:

32nd Street Ave B-Ave D - Finalizing agreement from Bureau of Reclamation.

Avenue B - Reconstruction 24th Street-16th Street - 95% plans

18th St & Ave C - New signal, 90% plans and will have an open house on Monday, February 13, 2023.

28th Street Widening between 33rd drive-45th drive - Plans are 100% complete but need to negotiate some right-of-way issues.

City of Somerton: Mr. Albor said:

Avenue 1/2 and 1/4 - Improving roadway and plans are currently at 95% plans.

ADOT: Isabell Gracia, ADOT, said:

I-8 Sentinel Rest Area Project - Project is 98% complete. Contractor is working on installing electrical panels and then the ADEQ process will begin. Looking to open the rest area by May 2023.

I-8 MP 0.1 - 31 Various Bridges - Project is 95% complete. Contactor is placing pavement marking and working on punch list items.

I-8 Colorado River Bridge Repair Project - Project was awarded to Future Construction and Engineering.

I-8 Wellton-Ave 36E Pavement Life Extension Project - Project is 83% complete. Contractor is working on placing pavement markings.

I-8 W. of Aztec to E. of Aztec (MP 71-82) - Project bid opened, and the lowest bidder was FNF Construction Inc. Project will go before the Transportation Board on February 17th for award consideration.

US 95, Rifle Range Rd-Wellton-Mohawk Canal Bridge Project - Contractor is working on to procure the 96" pipe for the siphon.

US 95 MP 67-80 Pavement Life Extension Project - Project is 65% complete. This project is on winter shutdown until March when the contractor will come back and complete final pavement markings.

Cocopah Indian Tribe: Mr. Holland said nothing to report.

15. Future Agenda Items

Members will have the opportunity to suggest future items for the TAC agenda.

- a. TIP Amendment
- b. Grant Awards

16. Progress Reports

YMPO staff has provided a list of recent activities

- a. Jan 12 - TAC Meeting (CG, CF, NC, JR)
- b. Jan 12 - YRBC Meeting (JR)
- c. Jan 12 - AZ RTS/ADOT/YMPO Meeting (CF, CG, BD)
- d. Jan 13 - ADOT/YMPO RAISE Grant Discussion (CF, CG)
- e. Jan 16 - YMPO/Wilson RAISE Grant Discussion (CF, CG)
- f. Jan 17 - Yuma PM10 SIP Update Call (CF)
- g. Jan 18 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CF, CG)
- h. Jan 19 - RTS Conference Meeting (CF, BD, NC, JR, CG)
- i. Jan 19 - Update QuickBooks (CG, BD, CF, NC)
- j. Jan 19 - WACOG - Networking for Community Resources Meeting (JR)
- k. Jan 19 - NACOG - YMPO Check In with Tod Morris (JR)
- l. Jan 20 - Arizona State Transportation Meeting in Sierra Vista (CF)
- m. Jan 23 - Virtual RTAC Advisory Committee Meeting (CF)
- n. Jan 23 - 2023 COG/MPO Planners Meeting Discussion (CG)
- o. Jan 23 - ADOT TA Program - MPO Workshop (CG, CF)
- p. Jan 24 - How to Compete for RAISE Grants - Rural and Tribal Applicants (CF)
- q. Jan 24 - ADOT LRTP Update - Tribes/COG/MPO Partners (CG)
- r. Jan 24 - COG/MPO Tribal Webinar 1-3 (CG)
- s. Jan 25 - 5310 Program Visit with Saguaro Foundation (JR)
- t. Jan 25 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CG, CF)
- u. Jan 26 - Executive Board Meeting (CF, CG, BD, JR, NC)
- v. Jan 26 - Audit Committee Meeting (CF, BD, NC)
- w. Jan 26 - GFOA COA Application Submittal (BD)

- x. Jan 30 - RTAC Board Meeting/Legislator Lunch (CF, CG, BD)
- y. Jan 31 - UPWP Group Workshop with FHWA, FTA & ADOT (CF, CG, BD)
- z. Feb 1 - YMPO Regional Coordination Plan Public Workshop #1 in San Luis and Yuma County Libraries (JR, CF, NC)
- aa. Feb 1 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CF)
- bb. Feb 2 - Arizona State Transportation Board Study Session (CF)
- cc. Feb 6 - Staff Meeting (CF, CG, BD, NC, JR)
- dd. Feb 6 - Standards of Conduct Training with Yuma County (CF, BD, NC, RA, CG, JR)
- ee. Feb 7 - 5310 Program Visit with Crossroads Mission (JR)
- ff. Feb 8 - ADOT/YMPO/Wilson RAISE Weekly Meeting (CF, CG)
- gg. Feb 8 - COF/MPO Directors Meeting (CF)

Mr. Gutierrez stated that the Progress Reports were stated as presented.

17. Adjournment

TAC Chairman Mr. Vera adjourned the TAC meeting.

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February 13, 2023

Mr. David Wostenberg, P.E.
City Engineer / Director of Engineering
City of Yuma
155 West 14th Street
Yuma, AZ 85364

Re: **Highway Safety Improvement Program (HSIP) (VRU)**
City of Yuma - Pedestrian Hybrid Beacons (PHB), Three Locations
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO: YMPO
COG/MPO TIP No.: TBD
Southwest District, Yuma County

Dear Mr. Wostenberg:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Transportation Safety Section (TSS) has determined that the City of Yuma's request to utilize HSIP funds for a safety countermeasure (project) to install pedestrian hybrid beacons (PHB) with advanced markings and signs at three locations as outlined below is eligible for the Highway Safety Improvement Program (HSIP) funding.

The three locations are:

- Intersection of 32nd St & Palm Drive
- S Avenue C at Central Drain north of W 22nd Lane
- S Avenue C and Crane Street

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Pedestrians" emphasis area by implementing the "infrastructure improvement to reduce pedestrian fatalities" strategy.

During a 5-year period ending December 31, 2021, the City of Yuma experienced three fatal crashes at these three locations. With the CRF of 57% obtained from the CMF Clearinghouse, the City of Yuma could see a 5-year reduction of 1.71 fatal pedestrian crashes. Based on the above CRF, a B/C ratio of 13 was calculated.

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds and 0.0% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). This project address the safety of vulnerable road users (VRU) provided in 23 U.S.C.148 (g)(3). The City of Yuma anticipates the total design/construction cost of this countermeasure at **\$1,660,238.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY25	
HSIP (100%)	\$ 493,725.00	HSIP (100%)	\$ 1,166,513.00
Local Match (0%)	\$ 0.00	Local Match (0%)	\$ 0.00
Total	\$ 493,725.00	Total	\$ 1,166,513.00

Please note that eligibility does not give the City of Yuma authorization to begin work. A JPA will need to be completed between the City of Yuma and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.

- b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by the City of Yuma verifying the unit prices and quantities are the responsibility of the City of Yuma and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location & Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
ADOT, Local Public Agency Section, ATTN: Mark Henige
ADOT, Southwest District Administrator, ATTN: Bruce Fenske

ADOT, TSMO, Regional Traffic Engineer, ATTN: Jay Gomes, P.E.

ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP

ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE

ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP₁

YMPO, ATTN: Charles Gutierrez

ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

February 14, 2023

Mr. Louie Galaviz
City Manager
City of Somerton
143 N. State Avenue
Somerton, AZ 85350

Re: **Highway Safety Improvement Program (HSIP)**

City of Somerton - County 15th St and Avenue D, Crest Curve Correction

ADOT Project No. : TBD

Federal Project No.: TBD

COG/MPO: YMPO

COG/MPO TIP No.: TBD

Southwest District, Yuma County

Dear Mr. Galaviz:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that the City of Somerton's request to utilize HSIP funds for a safety countermeasure (project) to construct safety improvements as outlined below is eligible for the Highway Safety Improvement Program (HSIP) funding.

The safety improvements involve lowering a vertical crest curve located approximately 500 feet north of the intersection of County 15th Street and Avenue D by approximately 2-3 feet and by installing flashing beacons at current stop signs at the intersection.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Intersections" emphasis area by implementing the "infrastructure upgrade or improvement" strategy.

HSIP

City of Somerton - County 15th St and Avenue D, Crest Curve Correction

During a 5-year period ending December 31, 2021, the City of Somerton experienced one fatal crash and one suspected serious injury crash at this intersection. With CMFs obtained from the CMF Clearinghouse and Combined Crash Reduction Factor calculated below (CCRF of 79.4%), the City of Somerton could see a 5-year reduction of 0.79 fatal and 0.79 suspected serious injury crashes. Based on the above CCRF, a B/C ratio of 7.2 was calculated.

CRF 1, CMF ID # 721: Flatten Crest Vertical Curve = 0.49

CRF 2, CMF ID # 456: Provide Flashing Beacons at Stop Controlled Intersections = 0.42

$$CCRF = 1 - (1 - CRF 1) \times (1 - CRF 2)$$

$$CCRF = 1 - (1 - .51) \times (1 - .58)$$

$$CCRF = 1 - (.49 \times .42)$$

$$CCRF = 1 - .206$$

$$CCRF = .794 \text{ or } 79.4\%$$

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 94.3% HSIP federal funds and 5.7% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). The City of Somerton anticipates the total design/construction cost of this countermeasure at **\$2,136,975.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (94.3%)	\$ 428,122.00	HSIP (94.3%)	\$ 1,587,045.00
Local Match (5.7%)	\$ 25,878.00	Local Match (5.7%)	\$ 95,930.00
Total	\$ 454,000.00	Total	\$ 1,682,975.00

Please note that eligibility does not give the City of Somerton authorization to begin work. A JPA will need to be completed between the City of Somerton and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.

2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by the City of Somerton verifying the unit prices and quantities are the responsibility of the City of Somerton and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location and Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.

ADOT, Finance, ATTN: Elise Maza

ADOT, Local Public Agency Section, ATTN: Bret Anderson

ADOT, Local Public Agency Section, ATTN: Mark Henige

ADOT, Southwest District Administrator, ATTN: Bruce Fenske

ADOT, TSMO, Regional Traffic Engineer, ATTN: Jay Gomes, P.E.

ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP

ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE

ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP1

YMPO, ATTN: Charles Gutierrez

ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

City of Somerton, Deputy City Manager Carmen Juarez

City of Yuma, Sam Palacios, P.E.

February 13, 2023

Mr. Jorge R. Perez
Assistant Director of Public Works
City of San Luis
1090 E. Union St.
San Luis, AZ 85349

Re: **Highway Safety Improvement Program (HSIP)**

City of San Luis – US95, County 20 ½ St to County 22nd St, Raised Median

ADOT Project No. : TBD

Federal Project No.: TBD

COG/MPO: YMPO

COG/MPO TIP No.: TBD

Southwest District, Yuma County

Dear Mr. Perez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that the City of San Luis' request to utilize HSIP funds for a safety countermeasure (project) to install a raised median on US 95 from County 20 ½ St to County 22nd St is eligible for the Highway Safety Improvement Program (HSIP) funding.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Lane Departure" emphasis area by implementing the "infrastructure improvement to keep vehicles on the road" strategy.

During a 5-year period ending December 31, 2021, the City of San Luis experienced two fatal crashes within this roadway segment. With the CRF of 71% obtained from the CMF Clearinghouse, the City of San Luis could see a 5-year reduction of 1.42 fatal crashes. Based on the above CRF, a B/C ratio of 11.7 was calculated.

HSIP

City of San Luis – US95, County 20 ½ St to County 22nd St, Raised Median

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 94.3% HSIP federal funds and 5.7% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). The City of San Luis anticipates the total design/construction cost of this countermeasure at **\$2,261,450.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (94.3%)	\$ 449,528.00	HSIP (94.3%)	\$ 1,683,019.00
Local Match (5.7%)	\$ 27,172.00	Local Match (5.7%)	\$ 101,731.00
Total	\$ 476,700.00	Total	\$ 1,784,750.00

Please note that eligibility does not give the City of San Luis authorization to begin work. A JPA will need to be completed between the City of San Luis and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by the City of San Luis verifying the unit prices and quantities are the responsibility of the City of San Luis and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

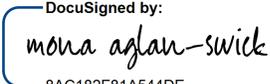
Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location Map
Work Limits Map

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
ADOT, Local Public Agency Section, ATTN: Mark Henige
ADOT, Southwest District Administrator, ATTN: Bruce Fenske
ADOT, TSMO, Regional Traffic Engineer, ATTN: Jay Gomes, P.E.
ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP
ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE
ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP₁
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

February 14, 2023

Mr. Frank Sanchez, P.E.
County Engineer
Yuma County
2351 W. 26th Street
Yuma, AZ 85364

Re: **Highway Safety Improvement Program (HSIP) (HRRR)**
Yuma County - Avenue B, Shoulder widening and Rumble Strips
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO: YMPO
COG/MPO TIP No.: TBD
Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that Yuma County's request to utilize HSIP funds for a safety countermeasure (project) to install safety improvements as outlined below is eligible for the Highway Safety Improvement Program (HSIP) funding.

The safety improvements include Installation of 5 foot paved shoulders and centerline and edge line rumble strips on Avenue B from County 18th St to just north of SR 195.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Lane Departure" emphasis area by implementing the "infrastructure improvement to keep vehicles on the road" strategy.

HSIP

Yuma County - Avenue B, Shoulder widening and Rumble Strips

During a 5-year period ending December 31, 2021, Yuma County experienced two fatal crashes and five suspected serious injury crashes within this roadway segment. With the CRFs obtained from the Crash Modification Factors Clearinghouse and a Combined Crash Reduction Factor CCRF of 56.5% calculated below, Yuma County could see a 5-year reduction of 1.13 fatal and 2.8 suspected serious injury crashes. Based on the above CRF, a combined B/C ratio of 5.4 was calculated.

CRF 1, CMF ID # 3653: Widen shoulder width to 5' or greater = 64%

CRF 2, CMF ID # 10449: Install Shoulder Rumble Strips = 68%

$$CCRF = 1 - (1 - CRF 1) \times (1 - CRF 2)$$

$$CCRF = 1 - (1 - .36) \times (1 - .32)$$

$$CCRF = 1 - (.64) \times (.68)$$

$$CCRF = 1 - .435$$

$$CCRF = .565 \text{ or } 56.5\%$$

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds for rumble strips and 94.3% HSIP federal funds and 5.7% local match for shoulder widening and associated work as described in Code of Federal Register 23 CFR Part 924 (Ref: *Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). This project meets the definition of the High Risk Rural Roads (HRRRs) provided in 23 U.S.C. 148(a)(1) and in accordance with the Arizona Strategic Traffic Safety Plan (STSP). Yuma County anticipates the total design/construction cost of this countermeasure at **\$4,470,329.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (100%)	\$ 0.00	HSIP (100%)	\$ 580,471.00
HSIP (94.3%)	\$ 438,825.00	HSIP (94.3%)	\$ 3,229,311.00
Local Match (5.7%)	\$ 26,525.00	Local Match (5.7%)	\$ 195,197.00
Total	\$ 465,350.00	Total	\$ 4,004,979.00

Please note that eligibility does not give Yuma County authorization to begin work. A JPA will need to be completed between Yuma County and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the Yuma County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

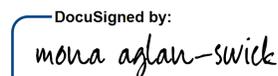
Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio

Location & Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
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ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP1
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

February 14, 2023

Mr. Frank Sanchez, P.E.
County Engineer
Yuma County
2351 W. 26th Street
Yuma, AZ 85364

Re: Highway Safety Improvement Program (HSIP) (HRRR)

Yuma County - Avenue G, Shoulder widening and Rumble Strips

ADOT Project No. : TBD

Federal Project No.: TBD

COG/MPO: YMPO

COG/MPO TIP No.: TBD

Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that Yuma County's request to utilize HSIP funds for a safety countermeasure (project) to install safety improvements as outlined below is eligible for the Highway Safety Improvement Program (HSIP) funding.

The safety improvements include the Installation of 5 foot paved shoulders and shoulder rumble strips on Avenue G from County 11th St to County 16th St.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Lane Departure" emphasis area by implementing the "infrastructure improvement to keep vehicles on the road" strategy.

HSIP

Yuma County - Avenue G, Shoulder widening and Rumble Strips

During a 5-year period ending December 31, 2021, Yuma County experienced two fatal crashes within this roadway segment. With the CRFs obtained from the Crash Modification Factors Clearinghouse and a Combined Crash Reduction Factor CCRF of 56.5% calculated below, Yuma County could see a 5-year reduction of 1.13 fatal crashes in this roadway segment. Based on the above CRF, a combined B/C ratio of 4.5 was calculated.

CRF 1, CMF ID # 3653+ Widen shoulder width to 5' or greater = 64%

CRF 2, CMF ID # 10449: Install Shoulder Rumble Strips = 68%

$$CCRF = 1 - (1 - CRF 1) \times (1 - CRF 2)$$

$$CCRF = 1 - (1 - .36) \times (1 - .32)$$

$$CCRF = 1 - (.64) \times (.68)$$

$$CCRF = 1 - .435$$

$$CCRF = .565 \text{ or } 56.5\%$$

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds for the rumble strips and 94.3% HSIP federal funds and 5.7% local match for the shoulders and associated work as described in Code of Federal Register 23 CFR Part 924 (Ref: *Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). This project meets the definition of the High Risk Rural Roads (HRRRs) provided in 23 U.S.C. 148(a)(1) and in accordance with the Arizona Strategic Traffic Safety Plan (STSP). Yuma County anticipates the total design/construction cost of this countermeasure at **\$4,633,955** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (100%)	\$ 0.00	HSIP (100%)	\$ 147,500.00
HSIP (94.3%)	\$ 438,825.00	HSIP (94.3%)	\$ 3,791,902.00
Local Match (5.7%)	\$ 26,525.00	Local Match (5.7%)	\$ 229,203.00
Total	\$ 465,350.00	Total	\$ 4,168,605.00

Please note that eligibility does not give Yuma County authorization to begin work. A JPA will need to be completed between Yuma County and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the Yuma County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio

Location and Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
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ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE
ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP1
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

January 31, 2022

Mr. Frank Sanchez, P.E.
Deputy County Engineer
Yuma County Department of Development Services
2351 W. 26th Street
Yuma, AZ 86442

Re: **Highway Safety Improvement Program (HSIP)**

Yuma County – County 11th Street and Avenue G Curve Realignment (**3rd Revision**)

ADOT Project No. : T0378

Federal Project No.: HSIP-YUM-0(223)T

COG/MPO: YMPO

COG/MPO TIP No.: YC23-03

Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Transportation Safety Section (TSS) has determined that Yuma County's **3rd revised** request to utilize HSIP funds for a safety countermeasure (project) to realign a 90-degree curve, pave 5' shoulders through the curve and install fluorescent curve warning signs at County 11th Street and Avenue G is eligible for Highway Safety Improvement Program (HSIP) funding.

At the request of Yuma County the first revision broke out the right-of-way costs from the design costs in the eligibility letter and adjustments accounted for a minor decrease in the construction and total project costs.

At the request of the ADOT Project Manager and Yuma County, the 2nd revision reduced the construction funds by \$250,000 and increased the design funds by \$250,000 to fund the relocation of Yuma County Water Users' irrigation facilities in advance of construction. The utility relocation was originally contained in the construction estimate. The total project cost remained the same.

At the request of the ADOT Project Manager and Yuma County, this 3rd revision moves the construction phase to FY25 as a result of the amount of time needed to finalize the acquisition right-of-way and irrigation facilities relocation. The total project cost remains the same.

All work will be performed by contract and ground disturbing activities and utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Intersections" emphasis area by implementing the "infrastructure upgrade or improvement" strategy.

During a 5-year period ending December 31, 2018, Yuma County experienced a total of 2 fatal road departure crashes in this roadway segment. With a CCRF of 88%, as calculated below, for fatal crashes, Yuma County could see a 5-year reduction of 1.76 fatal crashes. CRFs obtained from the FHWA CMF Clearinghouse. Based on the above CCRF, a B/C ratio of 17.0 was calculated.

CRF 1, Flatten Horizontal Curve = 78%

CRF 2, Pave Shoulders = 18%

CRF 3, Install New Fluorescent Curve Warning Signs = 34%

$$CCRF = 1 - (1 - CRF 1) * (1 - CRF 2) * (1 - CRF 3)$$

$$CCRF = 1 - (1 - 0.78) * (1 - 0.18) * (1 - 0.34)$$

$$CCRF = 1 - (0.22) * (0.82) * (0.66)$$

$$CCRF = 1 - 0.119$$

$$CCRF = 0.881 \text{ or } 88\%$$

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 94.3% HSIP federal funds and 5.7% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). Yuma County anticipates the total revised design/construction cost of this countermeasure at **\$1,908,138.00** (Enclosure 1) as shown below.

Original Anticipated Project Cost:

Preliminary Engineering/ADOT Admin- FY23		Construction-FY24	
HSIP	\$ 306,947.00	HSIP	\$ 1,492,428.00
Local Match	\$ 18,553.00	Local Match	\$ 90,210.00
Total	\$ 325,500.00	Total	\$ 1,582,638.00

First Revised Anticipated Project Cost:

Preliminary Engineering/ADOT Admin - FY23		Right of Way FY23	Construction - FY24
HSIP (94.3%)	\$ 207,932.00	\$ 99,015.00	\$ 1,492,428.00
Local Match (5.7%)	\$ 12,568.00	\$ 5,985.00	\$ 90,210.00
Total	\$ 220,500.00	\$ 105,000.00	\$ 1,582,638.00

Second Revised Anticipated Project Cost:

Preliminary Engineering/ADOT Admin –Utility Relocation FY23		Right of Way - FY23	Construction - FY24
HSIP (94.3%)	\$ 443,681.50	\$ 99,015.00	\$ 1,256,678.00
Local Match (5.7%)	\$ 26,818.50	\$ 5,985.00	\$ 75,960.00
Total	\$ 470,500.00	\$ 105,000.00	\$ 1,332,638.00

Third Revised Anticipated Project Cost:

Preliminary Engineering/ADOT Admin –Utility Relocation FY23		Right of Way - FY23	Construction - FY25
HSIP (94.3%)	\$ 443,681.50	\$ 99,015.00	\$ 1,256,678.00
Local Match (5.7%)	\$ 26,818.50	\$ 5,985.00	\$ 75,960.00
Total	\$ 470,500.00	\$ 105,000.00	\$ 1,332,638.00

Please note that eligibility does not give Yuma County authorization to begin work. ADOT clearances and an executed JPA will need to be completed between ADOT and Yuma County. Federal authorization will then be requested once all documents are received by ADOT. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.

- b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) Yuma County is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

- Encl: 1. Cost Estimate Revised
2. B/C Ratio Analysis
3. Work Limits Maps
4. Location Map

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Southwest District, ATTN: Bruce Fenke, P.E.
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, MPD, Programming Section Manager, ATTN: Lisa Danka
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Brent Anderson
ADOT, Local Public Agency Section, ATTN: Mark Henige
ADOT, TSMO, Regional Traffic Engineer, ATTN: James Gomes, P.E.

ADOT, Multi-Modal Planning Division, ATTN: Mark Hoffman

YMPO, ATTN: Charles Gutierrez

ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP

ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E

ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, RSP1

February 14, 2023

Mr. Frank Sanchez, P.E.
County Engineer
Yuma County
2351 W. 26th Street
Yuma, AZ 85364

Re: **Highway Safety Improvement Program (HSIP)**

Yuma County - County 14th St and Avenue C, Traffic Signal
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO:
COG/MPO TIP No.: TBD
Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that Yuma County's request to utilize HSIP funds for a safety countermeasure (project) to install a traffic signal at County 14th St and Avenue C is eligible for the Highway Safety Improvement Program (HSIP) funding.

All work will be performed by contract and ground disturbing activities are anticipated. Utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Intersections" emphasis area by implementing the "infrastructure upgrade or improvement" strategy.

During a 5-year period ending December 31, 2021, Yuma County experienced one fatal crash at this intersection. With the CRF of 77% obtained from the CMF Clearinghouse, Yuma County could see a 5-year reduction of 0.77 fatal crashes. Based on the above CRF, a B/C ratio of 9.6 was calculated.

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds and 0.0% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). Yuma County anticipates the total design/construction cost of this countermeasure at **\$1,017,639.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (100%)	\$ 283,750.00	HSIP (100%)	\$ 733,889.00
Local Match (0%)	\$ 0.00	Local Match (0%)	\$ 0.00
Total	\$ 283,750.00	Total	\$ 733,889.00

Please note that eligibility does not give Yuma County authorization to begin work. A JPA will need to be completed between Yuma County and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the Yuma County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

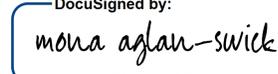
Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location Map
Work Limits Map

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
ADOT, Local Public Agency Section, ATTN: Mark Henige
ADOT, Southwest District Administrator, ATTN: Bruce Fenske
ADOT, TSMO, Regional Traffic Engineer, ATTN: Jay Gomes, P.E.
ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP
ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE
ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP1
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

February 14, 2023

Mr. Frank Sanchez, P.E.
County Engineer
Yuma County
2351 W. 26th Street
Yuma, AZ 85364

Re: **Highway Safety Improvement Program (HSIP) (HRRR)**

Yuma County - County 14th St and Avenue G, Traffic Signal & Left-Turn Lanes

ADOT Project No. : TBD

Federal Project No.: TBD

COG/MPO: YMPO

COG/MPO TIP No.: TBD

Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that Yuma County's request to utilize HSIP funds for a safety countermeasure (project) to install safety improvements as outlined below is eligible for the Highway Safety Improvement Program (HSIP) funding.

The safety improvements include the installation of a traffic signal at the intersection of County 14th St and Avenue G in Yuma County, to include left-turn lanes on County 14th St.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Intersections" emphasis area by implementing the "infrastructure upgrade or improvement" strategy.

During a 5-year period ending December 31, 2021, Yuma County experienced one fatal angle crash in this intersection. With the CMFs obtained from the Crash Modification Factors Clearinghouse and a

HSIP

Yuma County - County 14th St and Avenue G, Traffic Signal & Left-Turn Lanes

combined Crash Reduction Factor CCRF of 87% calculated below, Yuma County could see a 5-year reduction of 0.87 fatal crashes at this intersection. Based on the above CRF, a combined B/C ratio of 7.5 was calculated.

CRF 1, CMF ID # 326: Install a Traffic Signal = 0.23

CRF 2, CMF ID # 7999: Install Left-Turn Lane = 0.566

$$CCRF = 1 - (1 - CRF 1) \times (1 - CRF 2)$$

$$CCRF = 1 - (1 - .77) \times (1 - .434)$$

$$CCRF = 1 - (.23) \times (.566)$$

$$CCRF = 1 - .13$$

$$CCRF = .87 \text{ or } 87\%$$

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds for the traffic signal and 94.3% HSIP federal funds and 5.7% local match for the left-turn lanes as described in Code of Federal Register 23 CFR Part 924 (Ref: *Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). This project meets the definition of the High Risk Rural Roads (HRRRs) provided in 23 U.S.C. 148(a)(1) and in accordance with the Arizona Strategic Traffic Safety Plan (STSP). Yuma County anticipates the total design/construction cost of this countermeasure at **\$1,470,107.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY26	
HSIP (100%)	\$ 306,450.00	HSIP (100%)	\$ 663,927.00
HSIP (94.3%)	\$ 0.00	HSIP (94.3%)	\$ 471,245.00
Local Match (5.7%)	\$ 0.00	Local Match (5.7%)	\$ 28,485.00
Total	\$306,450.00	Total	\$ 1,163,657.00

Please note that eligibility does not give Yuma County authorization to begin work. A JPA will need to be completed between Yuma County and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the Yuma County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location and Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
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ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP1
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

February 14, 2023

Mr. Frank Sanchez, P.E.
County Engineer
Yuma County
2351 W. 26th Street
Yuma, AZ 85364

Re: **Highway Safety Improvement Program (HSIP)**
Yuma County - US95 and Avenue C, Traffic Signal
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO: YMPO
COG/MPO TIP No.: TBD
Southwest District, Yuma County

Dear Mr. Sanchez:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that Yuma County's request to utilize HSIP funds for a safety countermeasure (project) to install a traffic signal at the intersection of US95 and Avenue C is eligible for the Highway Safety Improvement Program (HSIP) funding.

All work will be performed by contract and ground disturbing activities are anticipated. No utility relocations are anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2019 Strategic Highway Safety Plan. It supports the "Intersections" emphasis area by implementing the "infrastructure upgrade or improvement" strategy.

During a 5-year period ending December 31, 2021, Yuma County experienced two fatal crashes at this intersection. With the CRF of 77% obtained from the CMF Clearinghouse (CMF ID: 326), Yuma County could see a 5-year reduction of 1.54 fatal crashes. Based on the above CRF, a B/C ratio of 19.5 was calculated.

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds and 0.0% local match as described in Code of Federal Register 23 CFR Part 924 (*Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Transportation Systems Management and Operations, Traffic Safety Section, February 2022; 1.1.4 Funding, Federal Share*). Yuma County anticipates the total design/construction cost of this countermeasure at **\$1,000,506.00** (Enclosure 1) as shown below.

Anticipated Costs:

Anticipated Design/ADOT Admin – FY24		Anticipated Construction – FY25	
HSIP (100%)	\$ 283,750.00	HSIP (100%)	\$ 716,756.00
Local Match (0%)	\$ 0.00	Local Match (0%)	\$ 0.00
Total	\$ 283,750.00	Total	\$ 716,756.00

Please note that eligibility does not give Yuma County authorization to begin work. A JPA will need to be completed between Yuma County and ADOT prior to Federal authorization being requested. All ADOT clearances will need to be completed. Any work performed prior to federal authorization is not eligible for reimbursement.

The following will require a revised HSIP eligibility letter prior to ADOT finance requesting Federal authorization:

1. The project scope of work or the limits of the project change. A request for a new eligibility letter will need to be submitted outlining the changes and justification.
2. Anticipated cost estimate exceeds the above approved HSIP eligibility.
 - a) A request for a new eligibility letter will need to be submitted outlining all increased costs, justification, source of additional funds and revised total anticipated cost, if the total anticipated cost exceeds 20% of the above amount.
 - b) For anticipated cost increase less than 20% of the above amount, the HSIP Program Manager can be advised of the increased cost, justification and funding source by email. Federal authorization cannot be requested until after the Program Manager has notified FHWA of the approved increase by email.

Design and construction estimates submitted and prepared by Yuma County verifying the unit prices and quantities are the responsibility of the Yuma County and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) the agency is required to establish and maintain a data inventory of before and after crashes for this safety improvement project in order for an analysis and evaluation to be carried out by ADOT.

Please ensure that this project is in the TIP for the correct funding amount, the correct FY and that design and construction are broken out as separate line items (if applicable).

Upon receipt of this letter, if you have not already started, you should immediately submit your Project Initiation Packet to ADOT LPA Section. The goal is to have a signed JPA in place before July 1, 2023.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,

DocuSigned by:

8AC182F81A544DE...

Mona Aglan-Swick, P.E.
Safety Programs Manager
ADOT-Traffic Safety Section

LTT

Encl: Cost Estimate
B/C Ratio
Location & Work Limits Maps

Cc: FHWA, Arizona Division Office, ATTN: Eunice Chan
ADOT, Project Management Group, ATTN: Steve O'Brien, P.E.
ADOT, Finance, ATTN: Elise Maza
ADOT, Local Public Agency Section, ATTN: Bret Anderson
ADOT, Local Public Agency Section, ATTN: Mark Henige
ADOT, Southwest District Administrator, ATTN: Bruce Fenske
ADOT, TSMO, Regional Traffic Engineer, ATTN: Jay Gomes, P.E.
ADOT, TSMO, Assistant State Engineer, ATTN: George Williams, P.E., PTOE, PTP
ADOT, TSMO, Special Projects, ATTN: Adam Carreon, P.E., PTOE
ADOT, TSMO, State Traffic Safety Engineer, ATTN: Kerry Wilcoxon, P.E, PTOE, RSP₁
YMPO, ATTN: Charles Gutierrez
ADOT, Multimodal Planning Division, ATTN: Mark Hoffman

TIP No.	FY	Agency	Project Name/Location	Project Description	Func/Class	Fed Aid	Federal \$	HURF	Local \$	Total \$
DOT 23-02	2023	ADOT	I-8: MP 71 to 82	Pavement Rehabilitation		NHPP	\$19,811,400	\$0	\$1,188,600	\$21,000,000
DOT-23-03	2023	ADOT	US 95: MP 44.3 to 54	Pavement Rehabilitation		NHPP	\$7,779,750	\$0	\$470,250	\$8,250,000
YU 23-07D	2023	Yuma	Various Citywide Locations	Construct Ped Hybrid Beacon		HSIP	\$273,000	\$0	\$0	\$273,000
YC 23-06	2023	San Luis	10th Ave at Los Alamos	Flatten Curve		HSIP	\$306,947	\$0	\$18,554	\$325,501
YU 23-08	2023	Yuma	3 Citywide Turn Signal Locations	Install Flashing Yellow Arrow Signals		HSIP	\$162,750	\$0	\$0	\$162,750
YU 23-09	2023	Yuma	5 City of Yuma Locations	Upgrade Pavement Markings on 5 Arterial Streets		HSIP	\$136,500	\$0	\$0	\$136,500
MPO 23-1	2023	Yuma	LTAP	Technical Assistance Program		STBG	\$5,000	\$0	\$0	\$5,000
YC 23-02D	2023	Yuma Co.	Co. 19th and Ave G	Design CL Rumble Strips		HSIP	\$189,000	\$0	\$0	\$189,000
YC 23-05D	2023	Yuma Co.	13 Countywide Roadway Segments	Design Striping Upgrade		HSIP	\$136,500	\$0	\$0	\$136,500
YC 12-09	2023	Yuma Co.	Ave E Extension: Co. 23rd to Co. 16th	Local Funds for ROW Acquisition		Local	\$0	\$0	\$275,000	\$275,000
YC 23-04D	2023	Yuma Co.	Co. 14th at Ave 4E	Traffic Signal - N/S Turn lane		HSIP (94.3%)	\$207,932	\$0	\$12,568	\$220,500
YC 23-04R	2023	Yuma Co.	Co. 14th at Ave 4E	Right of Way - Traffic Signal - N/S Turn lane		HSIP	\$0	\$0	\$78,500	\$78,500
YC 23-03D	2023	Yuma Co.	Co. 11th at Ave G	Curve Realignment		HSIP (94.3%)	\$443,682	\$0	\$26,819	\$470,500
YC 23-03R	2023	Yuma Co.	Co. 11th at Ave G	Right of Way - Curve Flattening		HSIP (94.3%)	\$99,015	\$0	\$5,985	\$105,000
YU-23-10D	2023	Yuma	40th Street: 7 1/2 E to 6 3/4 E	Design Roadway		Local	\$0	\$0	\$100,000	\$100,000
YU-23-10C	2023	Yuma	40th Street: 7 1/2 E to 6 3/4 E	Construct Roadway		STBG	\$1,000,000	\$0	\$0	\$1,000,000
YU-23-10C	2023	Yuma	40th Street: 7 1/2 E to 6 3/4 E	Construct Roadway		HURFX	-\$1,000,000	\$900,000	\$0	-\$100,000
YU-23-11D	2023	Yuma	"A" Canal: 7E and 40th Street	Design Roadway		LOCAL	\$0	\$0	\$300,000	\$300,000
	2023	Totals					\$29,551,476	\$900,000	\$2,476,276	\$32,927,751

SL 23-06	2024	San Luis	10th Ave at Los Alamos	Flatten Curve		HSIP	\$1,313,113	\$0	\$79,372	\$1,392,485
MPO 24-01	2024	YMPO	LTAP	Technical Assistance Program		STBG	\$5,000	\$0.00	\$0	\$5,000
YU 23-08	2024	Yuma	3 Locations Citywide	Install Flashing Yellow Arrow Signals		HSIP	\$330,750	\$0	\$0	\$330,750
YU 23-09	2024	Yuma	5 Citywide Streets	Upgrade Striping to 6" on 5 streets		HSIP	\$568,890	\$0	\$0	\$568,890
YC 23-03C	2024	Yuma Co.	Co. 11th and Ave G	Curve Realignment		HSIP	\$1,256,678	\$0	\$75,960	\$1,332,638
YC 23-04	2024	Yuma Co.	Co. 14th at Ave 4E	Traffic Signal - N/S Turn lane		HSIP - 5.7%	\$965,396	\$0	\$58,354	\$1,023,750
YC 23-04	2024	Yuma Co.	Co. 14th at Ave 4E	Traffic Signal - N/S Turn lane		HSIP-100%	\$393,750	\$0	\$0	\$393,750
YC 24-11D	2024	Yuma Co.	Design Ave 3E Bridge Replacement	Ave 3E "A" Canal		Local	\$0	\$0	\$150,000	\$150,000
YU-23-11C	2024	Yuma	"A" Canal: 7E and 40th Street	Construction Roadway		STBG	\$1,000,000	\$0		\$1,000,000
YU-23-11C	2024	Yuma	"A" Canal: 7E and 40th Street	Construction Roadway		HURFX	-\$1,000,000	\$900,000		-\$100,000
YU-24-01D	2024	Yuma	Pedestrian Hybrid Beacons, Three Locations	Design		HSIP (100%)	\$493,725	\$0	\$0	\$493,725
SOM-24-01D	2024	Somerton	County 15th St and Ave D, Crest Curve Correction	Design		HSIP (94.3%)	\$428,122	\$0	\$25,878	\$454,000
SL-24-01D	2024	San Luis	US95, County 20 1/2 St to County 22nd St, Raised Medium	Design		HISP (94.3)	\$449,528	\$0	\$27,172	\$476,700
YC-24-01D	2024	Yuma County	Avenue B, Shoulder Widening and Rumble Strips	Design		HSIP (94.3%)	\$438,825	\$0	\$26,525	\$465,350
YC-24-02D	2024	Yuma County	Ave G, Shoulder Widening and Rumble Strips	Design		HSIP (94.3%)	\$438,825	\$0	\$26,525	\$465,350
YC24-03D	2024	Yuma County	County 14th St and Avenue C, Traffic Signal	Design		HISP (100%)	\$283,750	\$0	\$0	\$283,750
YC-24-04D	2024	Yuma County	County 14th and Avenue G, Traffic Signal & Left-Turn Lanes	Design		HISP (100%)	\$306,450	\$0	\$0	\$306,450
YC-24-05D	2024	Yuma County	US95 and Ave C, Traffic Signal	Design		HSIP (100%)	\$283,750	\$0	\$0	\$283,750
	2024	Totals					\$7,956,552	\$900,000	\$469,786	\$9,326,338
WE 25-02D	2025	Wellton	Williams St: Oakland Ave to Los Angeles Ave	Design Roadway Reconstruction		LOCAL	\$0	\$0	\$84,916	\$84,916

MPO 25-01	2025	YMPO	LTAP	Technical Assistance Program		STBG	\$5,000	\$0	\$0	\$5,000
YC 24-11C	2025	Yuma Co.	Replace Ave 3E Bridge over A Canal	Ave 3E "A" Canal		STBG	\$1,250,137	\$0	\$0	\$0
YC 24-11C	2025	Yuma Co.	Replace Ave 3E Bridge over A Canal	Ave 3E "A" Canal		HURFX	-\$1,250,137	\$922,623	\$181,254	\$1,103,877
YC 23-02C	2025	Yuma Co.	Co. 19th and Ave G	Construct CL Rumble Strips		HSIP	\$267,500	\$0	\$0	\$267,500
YC 23-05C	2025	Yuma Co.	13 Countywide Roadway Segments	Construct Striping Upgrade		HSIP	\$1,700,449	\$0	\$0	\$1,700,449
YU 23-07	2025	Yuma	Various Citywide Locations	Construct 5 Ped Hybrid Beacons		HSIP	\$1,742,344	\$0	\$0	\$1,742,344
YU 23-09	2025	Yuma	5 City of Yuma Locations	Upgrade Pavement Markings on 5 Arterial Streets		HSIP	\$568,890	\$0	\$0	\$568,890
YU-24-01c	2025	Yuma	Pedestrian Hybrid Beacons, Three Locations	Design		HSIP (100%)	\$1,166,513	\$0	\$0	\$1,166,513
YC-24-05D	2025	Yuma County	US95 and Ave C, Traffic Signal	Construction		HSIP (100%)	\$716,756	\$0	\$0	\$716,756
YC 23-03C	2025	Yuma Co.	Co. 11th and Ave G	Curve Realignment		HSIP	\$1,256,678	\$0	\$75,960	\$1,332,638
	2025	Totals					\$6,167,452	\$922,623	\$266,170	\$7,356,245
WE 25-02C	2026	Wellton	Williams St: Oakland Ave to Los Angeles Ave	Reconstruct Roadway		STBG	\$561,169	\$0	\$0	\$561,169
WE 25-02C	2026	Wellton	Williams St: Oakland Ave to Los Angeles Ave	Reconstruct Roadway		HURFX	-\$561,169	\$505,052	\$42,948	-\$13,169
MPO 26-01	2026	YMPO	LTAP	Technical Assistance Program		STBG	\$5,000	\$0	\$0	\$5,000
SOM-24-01D	2026	Somerton	County 15th St and Ave D, Crest Curve Correction	Consatruction		HSIP (94.3%)	\$1,587,045	\$0	\$95,930	\$1,682,975
SL-24-01D	2026	San Luis	US95, County 20 1/2 St to County 22nd St, Raised Medium	Construction		HISP (94.3)	\$1,683,019	\$0	\$101,731	\$1,784,750
YC-24-01C	2026	Yuma County	Avenue B, Shoulder Widening and Rumble Strips	Construction		HSIP (100%)	\$580,471	\$0	\$0	\$580,471
YC-24-01C	2026	Yuma County	Avenue B, Shoulder Widening and Rumble Strips	Construction		HSIP (94.3%)	\$3,229,311	\$0	\$195,197	\$3,424,508
YC-24-02C	2026	Yuma County	Ave G, Shoulder Widening and Rumble Strips	Construction		HSIP (100%)	\$147,500	\$0	\$0	\$147,500
YC-24-02C	2026	Yuma County	Ave G, Shoulder Widening and Rumble Strips	Construction		HSIP (94.3%)	\$3,791,902	\$0	\$229,203	\$4,021,105

YC24-03D	2026	Yuma County	County 14th St and Avenue C, Traffic Signal	Construction		HISP (100%)	\$733,889	\$0	\$0	\$733,899
YC-24-04C	2026	Yuma County	County 14th and Avenue G, Traffic Signal & Left-Turn Lanes	Construction		HISP (100%)	\$663,927	\$0	\$0	\$663,927
YC-24-04C	2026	Yuma County	County 14th and Avenue G, Traffic Signal & Left-Turn Lanes	Construction		HISP (94.3%)	\$471,245	\$0	\$28,485	\$499,730
	2026	Totals					\$12,893,309	\$505,052	\$693,494	\$14,091,865

Town of Wellton - STBG Program

Current Program:

FY 25	
Update Design	
WE-25-02D - 2025 Williams St: Oakland Ave to Los Angeles	
FED	\$0
Local/Total	\$84,916
FY 26	
Construction	
WE-25-02C - 2025 Williams St: Oakland Ave to Los Angeles	
Fed	\$561,169
HURFX	\$505,052
Local	\$42,948
Total	\$548,000

- The Town of Wellton would like to replace our current project on the 2022-2026 TIP, which was the enlarging of the intersection of Los Angeles Av and William St.
- The construction phase of this project was valued at \$ 561,169 STBG and it was scheduled for FY 2026.

The New Request from the Town of Wellton

- The Town of Wellton would like to instead reconstruct William St. starting from the edge of the improved pavement at Sunset Av going south to the edge of ADOT's pavement on the north side of the I8 overpass. The overall length of the project is 1,907' and the total cost adjusted for inflation is \$ 921,000.
- The Town's engineer estimates the engineering portion at approximately 20% of the total, making that amount \$ 184,200. The Town of Wellton would like to do the engineering phase in 2026. There was \$ 561,169 allotted for the original project, the Town would like to apply that to the engineering portion leaving \$ 376,969 to be applied to the construction phase in 2027 , this would leave a balance on the construction portion of \$ 359,831 hopefully to be funded by the TAC in 2027.

Design			Construction	
FY 2026			FY 2027	
Fed:	\$184,000		Fed	\$921,000
Local:	\$10,499		Local	\$52,497
Total:	\$194,699		Total	\$973,497
HURFX:	\$165,000		HRFX	\$828,000
Local:	no		Local	0
Total:	\$165,000		Total	\$828,000

