

**TECHNICAL ADVISORY
COMMITTEE
REGULAR MEETING AGENDA**

Local Governments and Citizens Working Together

**TECHNICAL ADVISORY COMMITTEE (TAC)
Regular Meeting
Thursday, December 13, 2018, 9:00 AM**

**Yuma County – Aldrich Auditorium
2351 West 26th Street
Yuma, Arizona 85364**

YMPO TAC MEMBERS

- Chairwoman Jennifer Albers, Principal Planner, City of Yuma
- Vice-Chair Maggie Castro, Planning & Zoning Director, Yuma County
- Member Samuel Palacios, Public Works Director, City of Somerton
- Member Omar Heredia, Planner, Cocopah Indian Tribe
- Member Mark Hoffman, Senior Planner, ADOT
- Member Susan Cowey, CIP Administrator, City of Yuma
- Member Joseph Grant, Public Works Director, Town of Wellton
- Member Frank Sanchez, Interim County Engineer, Yuma County
- Member Eulogio Vera, Public Works Director City of San Luis
- Member Jeff Kramer, City Engineer, City of Yuma

YMPO TAC EX-OFFICIOS

- YCIPTA Shelly Kreger
- CALTRANS Jacob Armstrong
- FHWA Romare Truly
- FTA Alex Smith
- EPA Jerry Wamsley

1. Call to Order and Declaration of Votes

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

2. 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.

3. Approval of Minutes Discussion and Possible Action

The draft minutes of November 8, 2018 TAC meeting are provided for information, discussion, and possible approval.

4. **YMPO Safety Plan Update**.....**Information and Discussion**
Greenlight Traffic Engineering will provide a status on work that has been completed.
5. **YMPO Traffic Count Network Study Kick-off**..... **Discussion or Possible Action**
Kimley-Horn will present to the TAC the Traffic Count Network Study and discuss the study and details.
6. **STBG Funds and the TIP**.....**Information and Discussion**
YMPO will update the funding for the TIP in the future Years and begin the process of the creation of the FY 2019-23/24 TIP.
7. **Unified Planning Work Program/Budget**.....**Information and Discussion**
YMPO Staff will present the FY 2020 UPWP to the TAC.
8. **Transit Asset Management Plan**..... **Discussion and Action**
One of the new Transportation Performance Measures approved by the Executive Board at the November 1, 2018 meeting, was the requirement to complete a Transit Asset Management Plan (TAMP). This is principally, an inventory of transit assets and a brief plan that outlines anticipated acquisitions. A reformatted copy of the recently completed 2019 TAMP for the Yuma region is attached as part of an Information Summary.
9. **Possible Air Quality Policy for Paving of Unpaved Roads**.....
.....**Information, Discussion, and Possible Action**
Yuma County is asking for support for the Arizona Emissions Bank concerning Unpaved Roads
10. **2019 TAC Officers and Tentative Schedule****Information and Discussion**
The YMPO TAC traditionally elects officers at the first (1st) meeting of the new calendar year (January). This year due to the Elections the member structure might change. Please see the information summary.
11. **Project Updates****Information and Discussion**
YMPO staff and ADOT will provide any updates on the status of the current PARA program and any ongoing YMPO studies and projects that have not already been reported on.
12. **In-kind Match Forms****Information and Discussion**
YMPO uses In-Kind Match for the projects, studies, and all work that YMPO does that includes some type of matching funds.

13. TAC Status ReportsInformation and Discussion
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:
Coyote Wash Bridge.

Yuma County:
County 14th Street overlay, Avenue A to Avenue D.

City of San Luis:
Juan Sanchez Boulevard.

City of Yuma:
1st Avenue, 16th Street to Orange-
16th Street, Avenue B to Avenue C-
Avenue 9E Bike Lanes, North Frontage Road to 24th Street-
4th Avenue, 32nd Street to 40th Street-

City of Somerton:

ADOT:
Araby Road Roundabout (South).

Cocopah Indian Tribe:

14. Future Agenda ItemsDiscussion
Members will have the opportunity to suggest future items for the TAC agenda.

- A. Functional Classification.
- B. TIP Amendments
- C. Roads and Streets-April 17, 18, & 19, 2019-

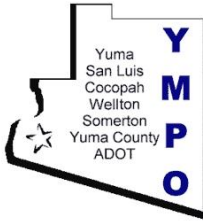
15. Progress ReportsDiscussion
YMPO staff will provide a summary of recent activities.

- A. November 8 – YMPO TAC Meeting, Paul Ward, Charles Gutierrez, Melissa Ramos, De'Laurien McKenzie attended
- B. November 8 – Yuma Bike Coalition Board Meeting, Charles Gutierrez and De'Laurien McKenzie attended.
- C. November 8 – Yuma County Open House for County 14th St Improvements, Charles Gutierrez attended
- D. November 16– State Transportation Board Meeting, Paul Ward attended.
- E. November 28 – TRB Webinar: Changes in Demographics and Markets for Public Transportation, Melissa Ramos attended

- F. November 29 – Yuma County Chamber of Commerce, Paul Ward Attended
- G. November 5 – Mapping the Desert (AWC GIS), Paul Ward, Charles Gutierrez, and De'Laurien McKenzie attended
- H. November 6 – Mobility Managers Meeting, Charles Gutierrez attended
- I. ADOT/YMPO Coordination Meeting, Paul Ward and Charles Gutierrez attended

16. 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 Paul Ward or Charles Gutierrez at 928-783-8911.



**TECHNICAL ADVISORY
COMMITTEE
REGULAR MEETING MINUTES**

Local Governments and Citizens Working Together

**TECHNICAL ADVISORY COMMITTEE (TAC)
Regular Meeting MINUTES
Thursday, November 8, 2018, 9:00 AM**

**Yuma County – Aldrich Auditorium
2351 West 26th Street
Yuma, Arizona 85364**

YMPO TAC MEMBERS

Chairwoman	Jennifer Albers, Principal Planner, City of Yuma
Vice-Chair	Maggie Castro, Planning & Zoning Director, Yuma County
Member	Samuel Palacios, Public Works Director, City of Somerton
Member	Omar Heredia, Planner, Cocopah Indian Tribe
Member	Susan Cowey, CIP Administrator, City of Yuma
Member	Joseph Grant, Public Works Director, Town of Wellton
Member	Roger Patterson, Yuma County Engineer
Member	Eulogio Vera, Public Works Director City of San Luis
Member	Jeff Kramer, City Engineer, City of Yuma

YMPO TAC ABSENT

Member	Mark Hoffman, Senior Planner, ADOT
--------	------------------------------------

YMPO STAFF PRESENT

Executive Director	Paul Ward
Senior Planning/Mobility Manager	Charles Gutierrez
Administrative Assistant	Melissa Ramos
Associate Planner	De' Laurien McKenzie

1. Call to Order and Declaration of Votes

YMPO TAC Chairwoman, Jennifer Albers, called the meeting to order at 9:11 am. The City of Yuma declaration of votes: Jeff Kramer, 2 votes; Susan Cowey, 2 votes; and Jennifer Albers, 1 vote.

2. 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.

No comments from the public were made.

3. **Approval of Minutes Discussion and Possible Action**

Draft minutes of October 11, 2018 TAC meeting were supplied for information, discussion, and approval. Chairwoman, Jennifer Albers, had a question on item 7, Adoption of Arizona MAP-21 Performance Targets. Madam Chair asked if the letter for adopting the Arizona MAP-21 Performance Targets was sent to the YMPO Executive Board for approval and signature. Charles Gutierrez answered yes, and Charles will send a copy of the adoption letter to the TAC, via email.

Maggie Castro motioned to approve the October 11, 2018 TAC Minutes as presented.

Roger Patterson seconded

Motioned carried unanimously

4. **YMPO ActivityDiscussion and Information**

This item was moved ahead to item 1 once the Chairwoman open the meeting. YMPO staff asked for the TAC to take part in a group TAC photo, that was given Roger Patterson for his retirement. Once the meeting was adjourned the TAC celebrated with cake and ice cream.

5. **YMPO Safety Plan UpdateInformation and Discussion**

Mike Blankenship, Greenlight Traffic Engineering, shared that in January 2019 ADOT will have the next call for HSIP projects. The HSIP funds will be available in FY 2023/2024, for 70 million dollars.

Below is the crash data presented by Mike Blankenship, that could qualify for HSIP funds.

- I-8 18 fatal crashes (9 rollover, 8 night)
- 32nd Street 6 fatal crashes (6 night, 2 pedestrian)
- 4th Avenue 5 fatal crashes (3 pedestrian, 3 night)
- Avenue G 5 fatal crashes (4 night,3 run-off-road)
- County 11th Street-Frontage Road 5 fatal crashes (3 run-off-road)
- US 95 (ADOT sections) 4 fatal crashes (2 run-off-road, 1 head-on)
- 24th Street 4 fatal crashes (3 pedestrian)
- Avenue A 4 fatal crashes (2 angle, 2 run-off-road)
- County 16th Street 3 fatal crashes (3 night)
- Avenue B 3 fatal crashes (3 night, 2 pedestrian)
- Juan Sanchez Boulevard 3 fatal crashes (2 night)
- 16th Street 3 fatal crashes (2 pedestrian)
- County 18th Street 3 fatal crashes (3 angle, 3 night)
- Levee Road 3 fatal crashes (3 rollover, 2 night)

- 6. **STBG Call for Projects and Funding AvailabilityInformation and Discussion**
This item will be presented at the December 2018 TAC Regular Meeting.

- 7. **Rural Transportation SummitInformation and Discussion**
Charles Gutierrez presented the video that was shown at the AZ Rural Transportation Summit. The video captured projects, in the YMPO region, that were federally funded. For the City of Somerton, the Cesar Chavez Pathway and Canal Pathway were highlighted. The highlighted projects for the City of San Luis were Juan Sanchez Boulevard, Main Street & D Street Roundabout, and the Roundabout on Urtuzuastegui Street & Main Street. For the City of Yuma, the PAAC, Main Street, the intersection of 16th Street & 4th Ave, 3rd Ave from 32nd Street to 36th Street and the Roundabout on Giss Parkway were highlighted. West Chapay Street Safety Improvement was highlighted for the Cocopah Indian Tribe. Yuma County's highlighted projects were County 12th Street (40th Street) Fortuna Boulevard to Scottsdale Drive, North County 1st Street at Ave 55E (Bridge #7753), and the South Frontage Road Reconstruction Project. The Town of Welton highlighted projects were Coyote Wash Bridge and 29E Rail Road Tracks @ Old Highway 80. The projects highlighted for ADOT were US 95 @ Fortuna Wash Bridge, Araby Road Roundabouts, Giss Parkway Roundabout and Mohawk Rest Area.

- 8. **Project UpdatesInformation and Discussion**
YMPO is working on completing the Bike & Ped Study and the Traffic Count Study contracts.
No updates were available for ADOT.

- 9. **In-kind Match FormsInformation and Discussion**
Charles Gutierrez reminded the TAC to submit In-Kind Match Forms to YMPO Staff, when conducting YMPO business.

- 10. **TAC Status ReportsInformation and Discussion**
Member agencies had the opportunity to report the status of their projects (Local or Federal).

Town of Wellton:

Coyote Wash Bridge- Welton is waiting on an invoice from ADOT.

Yuma County:

County 14th Street overlay, Avenue A to Avenue D.-

This project will place 2" AC overlay with minor turning improvements. YMPO'S STP federal funds (\$956k) were used to fund this phase. ADOT awarded the project to Cemex for \$1.1M. Project is complete.

Highway Pavement Improvements-

Chip seal includes 28 miles of roadway in both the Yuma County and Wellton Mohawk areas. BOS awarded bid on 8/20/2018 to Earth Resources Corporation for \$1,253,350. Presently working on the Dome Valley area. Project is 40% complete.

US Highway 95: Somerton to Yuma Pavement Restoration-

The project is a continuation of the first phase between Somerton to San Luis. Cocopah and Somerton are also taking part on it. Cocopah's part is between Ave C to Co. 15th Street. BOS awarded bid on 8/20/2018 to Earth Resources Corporation for \$808,851. Chip seal will be completed after the above project is completed.

City of San Luis:

Juan Sanchez Boulevard- Working on the environmental.

City of Yuma:

1st Avenue, 16th Street to Orange-

The bids for this project should be released this month.

16th Street, Avenue B to Avenue C- 90% design

Avenue 9E Bike Lanes, North Frontage Road to 24th Street- 60% design

4th Avenue, 32nd Street to 40th Street-

The City of Yuma should have the notice to proceed next week.

City of Somerton:

Cesar Chavez Main Street to Jefferson-

30% design/plans, under review

ADOT:

I-8 at Araby Interchange Spot Improvements- the contractor has completed phase one and will begin phase two, which is installing signs, fence, placing decomposed granite & rock mulch, paint bridges and bridge barrier. The project is scheduled for completion by next week.

US 95 at Avenue 8E Intersection- The project consists of constructing traffic signals at the intersection of US 95 & Avenue 8E. The project is advertised and will bid open on October 26, 2018.

County 12th Street at Avenue D over Central Bridge Replacement Project- Completed.

Texas Hill Bridge- The project was awarded to Pulice Construction, Inc. The contractor is working on pouring the abutments, installing the voided slabs, and constructing the bridge barrier for structure #7753.

8th Street and 21st Avenue- Installing a pedestrian hybrid beacon. The project was awarded to AJP Electric, Inc. The contractor is waiting on poles and cabinet to be delivered to the project site.

Juan Sanchez Boulevard, 10th Street – Avenue Centerline Rumble Strip- Sunline Contracting, LLC has completed the project.

Coyote Wash Multi-Use Pathway- 100% of the comments has been sent and C&S is reviewing the project. The project is scheduled to advertise by November 2018.

Cocopah Indian Tribe:

No updates were available.

11. Future Agenda ItemsDiscussion

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

- A. Functional Classification.
- B. TIP Amendments
- C. Roads and Streets attendance

12. Progress ReportsDiscussion

YMPO staff will provide a summary of recent activities.

- A. October 11 – YMPO TAC Meeting, Charles Gutierrez, Melissa Ramos, De'Laurien McKenzie attended
- B. October 15-16 – FHWA Peer to Peer Exchange, Paul Ward Attended
- C. October 22 – ADOT/YMPO Coordination Meeting, Paul Ward attended
- D. October 23-26– Rural Transportation Summit, Charles Gutierrez, Crystal Figueroa, Melissa Ramos, and De'Laurien attended.
- E. October 29 – Saguaro Transportation MOU Meeting, Paul; Ward, Crystal Figueroa, Charles Gutierrez, attended
- F. October 30 – Russ Clark Show, Paul Ward attended
- G. October 30 – November 1 – Financial Planning in Transportation, Charles Gutierrez, Crystal Figueroa, Melissa Ramos, De'Laurien McKenzie, attended

Charles Gutierrez presented Roger Patterson with the photo, that was taken earlier in the meeting. Susan Thorpe, Yuma County Administrator, shared some kind words about Roger Patterson.

13. Adjournment

The TAC Meeting was adjourned at 10:12 am by Chairwomen Jennifer Albers.

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 Paul Ward or Charles Gutierrez at 928-783-8911.

Minutes Prepared By:

Minutes Submitted by:

Minutes approved by:

Melissa Ramos, YMPO
Administrative Assistant

Charles Gutierrez, YMPO
Senior Planning Manager

Jennifer Albers, YMPO
TAC Chairwoman

YMPO INFORMATION SUMMARY for Agenda Item #6

STBG Funds and the TIP

DATE: December 5, 2018

SUBJECT: STBG Funds and the Transportation Improvement Program (TIP)

SUMMARY:

STATUTORY CITATION

FAST Act § 1109; 23 U.S.C. 133

The YMPO is evolving to be doing a Transportation Improvement Program with a 2-year cycle year and will be going out to the TAC and finally approval to the Executive Board. Each year the YMPO receives approximately \$1,080,229 of Apportionment and with Obligation Authority (OA) Rate at 94.9% in the amount of \$1,025,137 or a HURF Exchange rate of 90/10% Split which equates to \$922,656.

YMPO currently has programmed out to FY 2022 in the YMPO 2018-2022 TIP. YMPO would like to begin the process of programming out for 2023 and 2024. We currently have to program \$1,025,137 (OA Rate) for FY 2023 and FY 2024. February 2019, YMPO will accept all projects that are currently in the Regional Transportation Plan (RTP) and have the Air Quality (AQ) Conformity Analysis completed.

Projects to be considered: Highways, Infrastructure-based ITS capital projects, planning, design, construction of roadways, these are a small portion of the related fields that could be STBG funded. Please see the below links to see more options

SPECIAL FEDERAL-AID FUNDING

Surface Transportation Block Grant Program (STBG)

<https://www.fhwa.dot.gov/specialfunding/stp/>

Surface Transportation Block Grant Program FACT SHEET

<https://www.fhwa.dot.gov/fastact/factsheets/stbgfs.cfm>

Surface Transportation Block Grant (STBG) Implementation Guidance

<https://www.fhwa.dot.gov/specialfunding/stp/160307.cfm>

Eligibility of Construction and Highway Safety Equipment Acquisition Costs as a Direct Charge

<https://www.fhwa.dot.gov/construction/contracts/170908.cfm>

PUBLIC INPUT:

There have been no public comments on this process, to date.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: N/A at this time until further technical issues are explored, and the process agreed upon by all members.

ACTION NEEDED:

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

PRIOR BOARD/COMMITTEE ACTIONS:

CONTACT PERSON:

Charles A. Gutierrez, Senior Planning/Mobility Manager, 928-783-8911

YMPO INFORMATION SUMMARY for Agenda Item #7

Unified Planning Work Program/Budget

DATE: December 5, 2018

SUBJECT: FY 2020 Unified Planning Work Program/Budget (UPWP/B)

SUMMARY:

YMPO is currently in the beginning phases of the new YMPO UPWP/B. YMPO staff is presenting the TAC Members the first two-year (2) Work Program for the MPO. We are currently going to be kicking off three (3) additional studies prior to the FY 20 start in July 1, 2019 and the studies are as follows:

- ❖ Pavement Management Study
- ❖ Intelligent Transportation System Framework Study
- ❖ Rail Corridor Alignment/Heavy Freight

Note: That in the event that any of these studies cannot be made during the current FY 19 Fiscal Year, then the need to add it to the FY 2020 will be made.

With the advent of the 2-year work program, your input for additional studies or work that the YMPO can assist your agency with is needed. The YMPO Staff appreciate your hard work.

PUBLIC INPUT:

There have been no public comments on this process, to date.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: N/A at this time until further technical issues are explored, and the process agreed upon by all members.

ACTION NEEDED:

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

PRIOR BOARD/COMMITTEE ACTIONS:

CONTACT PERSON:

Charles A. Gutierrez, Senior Planning/Mobility Manager, 928-783-8911

YMPO INFORMATION SUMMARY for Agenda Item #8

Transit Asset Management Plan

DATE: December 5, 2018

SUBJECT: Transit Asset Management Plan (TAMP)

SUMMARY:

During the October and November meetings, the YMPO TAC and Executive Board have officially adopted the new Transportation Performance Measures (TPM) in alignment with ADOT. The Yuma County Intergovernmental Public Transportation Authority (YCIPTA) is the cognizant agency for public transit. YCIPTA has submitted a TAMP to the YMPO for approval. This document will be submitted by the YMPO to Federal Highways Administration, Federal Transit Administration, and ADOT on behalf of the process for the Transportation Performance Measures compliance.

PUBLIC INPUT:

There have been no public comments on this process to date.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: N/A currently

ACTION NEEDED:

This item is on the agenda for information, discussion, and action to recommend approval of TAMP to the YMPO Executive Board for approval for YMPO/YCIPTA's document as presented

PRIOR BOARD/COMMITTEE ACTIONS:

CONTACT PERSON:

Charles A. Gutierrez, Senior Planning/Mobility Manager, 928-783-8911



Yuma County Intergovernmental Public Transportation Authority Transit Asset Management Plan

Shelly Kreger, Accountable Executive

Last modified by YMPO November 27, 2018

Introduction

The Yuma County Intergovernmental Public Transportation Authority (YCIPTA) formed on December 13, 2010 by the Yuma County Board of Supervisors to administer, plan, operate and maintain public transit services throughout Yuma County, including within the political jurisdictional boundaries of the Cities of Yuma, San Luis, Somerton, the Town of Wellton, and the unincorporated Yuma County areas.

Yuma County Area Transit (YCAT) is the marketing name for YCIPTA and the fixed route transit system. YCAT OnCall, formerly known as the Greater Yuma Area Dial-A-Ride is the marketing name for the Demand Responsive Transit System. YCAT operates eleven fixed routes and a Demand Response Service throughout the southwestern quadrant of the Yuma County and portions of eastern Imperial County with limited service to El Centro. YCAT generally operates Monday-Friday from 5:50 am to approximately 7:30 pm with headways every 45 to 60 minutes and on Saturday from 9:15 am to 6:30 pm with headways every 60-120 minutes. There is no service on Sunday or major holidays at this time. These services for this fiscal year are provided under contractual arrangement with RATP DEV USA. A total of 41,000 revenue vehicle service hours are budgeted in fiscal year 2018-2019 (this consists of an allocation of 37,000 hours to YCAT and 4000 hours to YCAT OnCall).

YCAT is currently operating 29 buses. Twenty (20) buses are powered by diesel and used on YCAT fixed routes. Six (6) small buses and three (3) vans are powered by gasoline and used on YCAT OnCall and neighborhood YCAT routes. All buses and vans are owned by YCIPTA and were purchased with FTA and ADOT funding. The fleet size will be decreasing to 28 revenue vehicles when three of the older buses will be decommissioned.



Performance Targets & Measures

Asset Category - Performance Measure	Asset Class	2019 Target	2020 Target	2021 Target	2022 Target	2023 Target
REVENUE VEHICLES						
Age - % of Revenue Vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	BU - Bus	38%	38%	28%	28%	28%
	CU - Cutaway Bus	50%	25%	25%	25%	25%
	VN - Van	65%	30%	30%	30%	30%
EQUIPMENT						
Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non-Revenue/Service Automobile	100%	50%	50%	50%	50%
	Custom 1	100%	100%	100%	100%	100%
	Custom 2	50%	60%	70%	80%	90%
FACILITIES						
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Passenger Facilities	20%	20%	20%	20%	20%

Note: AB-Articulated Bus, AO-Automobile, BR-Over-the-road Bus, DB-Double Decker Bus, FB-Ferry Boat, MB-Minibus, MV-Minivan, RT-Rubber-tire Vintage Trolley, SB-School Bus, SV-Sport Utility Vehicle, TB-Trolley Bus, Steel Wheel Vehicles, trucks and other Rubber Tire Vehicles, Administration, Maintenance, Parking Structures

These terms are not used in this table or the following; however, those terms are listed in the Original FTA Document



Target Setting Methodology

Targets are set using projected funding availability and the Capital Replacement Plan.

Capital Asset Inventory

Please see Appendix A (Asset Register) for the Asset Inventory listing.

Asset Inventory Summary				
Appendix A				
Asset Category	Total Number	AVG Age	AVG Mileage	AVG Value
Revenue Vehicles	29	9.5	257,048	\$238,825.00
BU - Bus	20	10.8	288,506	\$291,666.67
CU - Cutaway Bus	6	8	281,310	\$108,600.00
VN - Van	3	3	44,036	\$52,000.00

Equipment	11	7	189,515	\$56,448.83
Non-Revenue/Service Automobile	6	12	189,515	\$51,846.50
Custom 1	3	4.3	N/A	\$72,333.33
Custom 2	2	5	N/A	\$18,000.00

Facilities	18	3	N/A	\$26,935.00
Passenger Facility	18	3	N/A	\$26,935

Note: AB-Articulated Bus, AO-Automobile, BR-Over-the-road Bus, DB-Double Decker Bus, FB-Ferry Boat, MB-Minibus, MV-Minivan, RT-Rubber-tire Vintage Trolley, SB-School Bus, SV-Sport Utility Vehicle, TB-Trolley Bus, Steel Wheel Vehicles, trucks and other Rubber Tire Vehicles, Administration, Maintenance, Parking Structures

These terms are not used in this table or the following; however, those terms are listed in the Original FTA Document



Condition Assessment

Please see Appendix B (Asset Condition Data) for Individual Asset Condition listing.

Asset Condition Summary						
Appendix B						
Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% at or Past ULB
Revenue Vehicles	29	9.5	257,048	N/A	\$158,475.63	17%
BU - Bus	20	10.8	288,506	N/A	\$189,767.50	20%
CU - Cutaway Bus	6	8	281,310	N/A	\$77,000.00	17%
VN - Van	3	3	44,036	N/A	\$52,200.00	0%
Equipment	10	7	189,515	N/A	\$51,038	40%
Non Revenue/Service Automobile	5	12	189,515	N/A	\$36,615	40%
Custom 1	3	4.3		N/A	\$72,333.33	67%
Custom 2	2	5		N/A	\$18,000	0%
Facilities	18	3	N/A	5	\$26,935.00	N/A
Passenger Facilities	18	3	N/A	5	\$26,935.00	N/A

Note: AB-Articulated Bus, AO-Automobile, BR-Over-the-road Bus, DB-Double Decker Bus, FB-Ferry Boat, MB-Minibus, MV-Minivan, RT-Rubber-tire Vintage Trolley, SB-School Bus,

SV-Sport Utility Vehicle, TB-Trolley Bus, Steel Wheel Vehicles, trucks and other Rubber Tire Vehicles, Administration, Maintenance, Parking Structures

These terms are not used in this table or the following; however, those terms are listed in the Original FTA Document



Decision Support

Investment Prioritization

Annually, based on budget availability, the YCIPTA Director and Finance Operations Manager review fleet/capital replacement needs based on condition, age, and prioritize replacement per class of asset.

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
10-year Capital Asset Plan	An Excel Based 10-year replacement plan for fleet/assets, YCIPTA Board approved annually updated based on available grant funding

Unplanned Maintenance Approach

Included in each year's budget is a line item for unplanned maintenance needs.



Investment Prioritization

The list of prioritized investment projects is provided in Appendix C

Appendices

Appendix A

Asset Register

Appendix B1

Revenue Vehicle (Rolling Stock) Condition Data

Appendix B2

Equipment Condition Data

Appendix B3

Facilities Condition Data

Appendix C

Proposed Investment Project List

Appendix D

Fleet Replacement Module Output

APPENDIX A

ASSET REGISTER

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Custom 1	Call Center System	AVAYA	N/A	1		YCIPTA	2016	N/A	\$25,000.00
Equipment	Custom 1	Radio System	Motorola	N/A	1		YCIPTA	2012	N/A	\$85,000.00
Equipment	Custom 1	Samrtcard System	Accufare	N/A	1		YCIPTA	2013	N/A	\$107,000.00
Equipment	Custom 2	Lifts	SEFAC	N/A	2		YCIPTA	2013	N/A	\$18,000.00
Equipment	Non-Revenue/Service Automobile	Shop	Ford	F-250	2	139/140	YCIPTA	1999	222,983	\$55,000.00
Equipment	Non-Revenue/Service Automobile	Support	Ford	Focus	3	133/134/135	YCIPTA	2013	156,046	\$16,231.00
Facilities	Passenger Facilities	Bus Shelter	LACOR	N/A	18		YCIPTA	2015	N/A	\$26,935.00
Revenue Vehicles	BU - Bus	Arboc	Arboc	Freightliner	4	150/151/152/153	YCIPTA	2017	45,072	\$375,000.00
Revenue Vehicles	BU - Bus	Gillig	Gillig	Low Floor	2	200/201	YCIPTA	2016	165,045	\$425,000.00
Revenue Vehicles	BU - Bus	New Flyer	New Flyer	D40F	2	137/138	YCIPTA	1997	192,047	\$50,000.00
Revenue Vehicles	BU - Bus	New Flyer	New Flyer	D40LF	1	149	YCIPTA	1997	703,123	\$50,000.00
Revenue Vehicles	BU - Bus	Passport	Chevy	C5500	9	125-132	YCIPTA	2010	450,000	\$225,000.00
Revenue Vehicles	BU - Bus	Trolley	Freightliner	Specialty Trolley	2	142/144	ADOT	2006	175,750	\$13,605.00
Revenue Vehicles	CU - Cutaway Bus	Cutaway	Ford	E350	6	116-118/121-123	YCIPTA	2010	281,310	\$77,000.00
Revenue Vehicles	VN - Van	Vans	Dodge	Caravan	3	146/147/148	YCIPTA	2015	44,036	\$52,200.00

APPENDIX B1

REVENUE VEHICLE (ROLLING TOCK) CONDITION DATA

Asset Category	Asset Class	Asset Name	Count	Id/Serial No.	Age (yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
Revenue Vehicles	BU - Bus	Arboc	4	150/151/152/153	1	45,072	\$375,000.00	12	No
Revenue Vehicles	BU - Bus	Gillig	2	200/201	2	165,045	\$425,000.00	12	No
Revenue Vehicles	BU - Bus	New Flyer	2	137/138	21	192,047	\$50,000.00	12	Yes
Revenue Vehicles	BU - Bus	New Flyer	1	149	21	703,123	\$50,000.00	12	Yes
Revenue Vehicles	BU - Bus	Passport	9	125-132	8	450,000	\$225,000.00	7	Yes
Revenue Vehicles	BU - Bus	Trolley	2	142/144	12	175,750	\$13,605	7	Yes
Revenue Vehicles	CU - Cutaway Bus	Cutaway	6	116-118/121-123	8	281,310	\$77,000.00	4	Yes
Revenue Vehicles	VN - Van	Vans	3	146/147/148	3	44,036	\$52,200.00	4	No

APPENDIX B2

EQUIPMENT CONDITION DATA

Asset Category	Asset Class	Asset Name	Count	Id/Serial No.	Age (yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
Equipment	Custom 1	Call Center System	1		2	N/A	\$25,000.00	5	No
Equipment	Custom 1	Radio System	1		6	N/A	\$85,000.00	5	Yes
Equipment	Custom 1	Smartcard System	1		5	N/A	\$107,000.00	3	Yes
Equipment	Custom 2	Lifts	2		5	N/A	\$18,000.00	10	No
Equipment	Non-Revenue/Service Automobile	Shop	2	139/140	19	222,983	\$55,000.00	4	Yes
Equipment	Non-Revenue/Service Automobile	Support	3	133/134/135	5	156,046	\$16,231	4	Yes

APPENDIX B3

FACILITIES CONDITION DATA

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost Value
Facilites	Passenger Facilities	Bus Shelter	18		3	5	\$26,935.00

APPENDIX C

PROPOSED INVESTMENT PROJECT LIST

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2019	Diesel Bus Acquisition	Revenue Vehicles	\$4,050,000.00	High
2019	Paratransit Vehicle Acquisition	Revenue Vehicles	\$125,000.00	High
2018	Utility Truck Acquisition	Equipment	\$114,000.00	High
2019	Automated Fare Collection System	Equipment	\$500,000.00	High
2020	Multi-Modal Center Rehab/Design	Facilities	\$2,400,000.00	Medium
2020	Maintenance Facility	Facilities	\$2,000,000.00	High
2019	Bus Shelter Acquisition	Facilities	\$335,000.00	High

YMPO INFORMATION SUMMARY for Agenda Item #9

Possible Air Quality Policy for Paving of Unpaved Roads

DATE: December 5, 2018

SUBJECT: Possible Air Quality Policy for Paving of Unpaved Roads

SUMMARY:

Yuma County, the lead agency for air quality planning in the Yuma County region has been working, has been working with Arizona Department of Environmental Quality for the Arizona Emissions Bank. According to the interpretation the Emissions Bank would allow the region to claim PM-10 Emission Reduction Credits for paving unpaved roads. Yuma County will be sending a letter to AZDEQ to consider changing current language in the rulemaking for the Arizona PM-10 Emissions Bank. Yuma County is asking the YMPO TAC and Executive Board to support the efforts of this endeavor by the Yuma County.

Paul Melcher from Yuma County has been working with Steve Burr, Principal Environmental Scientist/Specialist in the AQIPS Section, Air Quality Division of the Arizona Department of Environmental Quality (ADEQ), to include language in the Arizona Emissions Bank rules that would allow the region to claim PM₁₀ emission reduction credits for road paving that exceeds that included in the YMPO Transportation Improvement Plan. The proposed language to ADEQ is based on Rule 242 of the Maricopa County Air Quality Regulations which the Environmental Protection Agency has already approved for the State Implementation Plan. Thus, Yuma County will be sending a letter to ADEQ asking that it consider including this language in the rulemaking for the Arizona PM₁₀ Emissions Bank and is asking that YMPO support this effort. The draft language may change based on public comment.

PUBLIC INPUT:

There have been no public comments on this process to date.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: N/A currently

ACTION NEEDED:

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

We are asking the TAC if they would like to move forward and support the County in this endeavor. If so, this item will be on the upcoming future items for the TAC. We can ask Paul Melcher to do a formal presentation when the time comes.

PRIOR BOARD/COMMITTEE ACTIONS: N/A

CONTACT PERSON:

Charles A. Gutierrez, Senior Planning/Mobility Manager, 928-783-8911

YMPO INFORMATION SUMMARY for Agenda Item #10

2019 TAC Officers and Tentative Schedule

DATE: December 5, 2018

SUBJECT: 2019 TAC Officers and Tentative Schedule

SUMMARY:

The YMPO TAC Structure is comprised of the same members as the Executive Board. The TAC and the Board attempt to not conflicts of the Chair and Vice-Chair and with the Board the Secretary/Treasurer. With the advent of the election results, the TAC could possibly have to wait for the results of the Executive Board structure so as not to create a conflict of member structure.

The YMPO BYLAWS Section III: Organization, B. Technical Advisory Committee (TAC), 2. VOTING (b) Elected officers of the TAC shall serve on a rotation basis, whereby, when the Chair's position is vacated, the Vice Chair assumes the position of Chair. The TAC must elect another TAC member to serve as the Vice-Chair. (c) The TAC's Chair and Vice-Chair, respectively, shall be from jurisdictions other than those same officers' jurisdictions on the YMPO Executive Board. (d) At any one time, the TAC Chair and Vice-Chair must be from two different member jurisdictions.

PUBLIC INPUT:

There have been no public comments on this process to date.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: N/A currently

ACTION NEEDED:

This item is on the agenda for information and discussion

PRIOR BOARD/COMMITTEE ACTIONS:

CONTACT PERSON:

Charles A. Gutierrez, Senior Planning/Mobility Manager, 928-783-8911

TAC

Ex. BD.

2010		YC-Paul Melcher	YC-Casey Prochaska
2011		SL-John Starkey	SOM-Martin Prochas
2012		SOM-Sam Palacios	COY-Paul Johnson
2013		COY-Joel Olea	YC-Greg Ferguson
2014		WEL-Joe Grant	COC-Paul Soto
2015		YC-Roger Patterson	SL-Maria Ramos
2016		SL-John Starkey	YC-Russ Clark
2017		SOM-Sam Palacios	COY-Gary Knight
2018		COY-Jennifer Albers	Wel-Cecilia McCollough

ARIZONA DEPARTMENT OF TRANSPORTATION
SOUTHWEST DISTRICT OFFICE
2243 EAST GILA RIDGE ROAD
YUMA, ARIZONA 85365
PHONE: (928) 317-2100 – FAX: (928) 317-2107

John Halikowski
DIRECTOR

Paul Patane
DISTRICT ENGINEER

December 2018

Southwest District up-date of on-going and up-coming construction projects
The construction activity in the Southwest District is progressing steadily. Below are some short updates of each of the On-going and up-coming projects within the District.

On-Going Projects

Interstate 8

- **I-8 @ Araby Interchange Spot Improvements-** Project consists of constructing roundabouts at the Araby Road and I-8 ramp intersections. J. Banicki Construction, Inc. was awarded the project. Project is complete, contractor working on punch list items.
- **Statewide Weigh-In-Motion Project-** Project consists of installing weigh-in-motion systems that include installation of loop detectors, quartz piezoelectric sensors, poles, cabinets, foundations, equipment, and solar panels. Project was awarded to Roadway Electric, LLC. Contractor has completed work on SR 85. The contractor will be coming back to the locations on I-8 and SR 85 to calibrate the WIM systems.
- **I-8, MP 96-Paloma Road Pavement Preservation-** project consists of milling and replacing existing pavement. FNF construction Inc. was awarded the project. Contractor is placing thermoplastic striping, cleaning and lining pipes, and slope paving work.
- **Statewide Pavement Treatment Project-** Fog sealing 7 locations on I-10 & I-8. The project is currently advertised and will bid open on 12/14/18.

Interstate 10

- **I-10 Ehrenberg Port of Entry Phase II –** The proposed work consists of reconstructing the existing Port of Entry building, constructing new operations building, new satellite credential booths, building canopy, and new PCCP pavement. Additional items of work include constructing sewer and roadway lighting systems, concrete sidewalks, pavement markings, signing, and other misc. items. Project was awarded to FNF Construction, Inc. Contractor is placing aggregate base for the employee parking road, working on the hazmat basin, and pouring concrete for the barrier wall.
- **Statewide Port of Entry Truck Screening Project-** design-build project. Design & install truck monitoring and screening systems at the inbound direction of 5 POE locations. The partnering meeting is scheduled for December 12th in Phoenix.

US/SR 95

- **SR 95 @ Mohave Road Intersection Improvement Project-**Project consists of installing a new traffic signal at the intersection. Project was awarded to Paveco. Project is on hold, waiting for the traffic signal poles and mast arms to be delivered by Dec. 5th.

- **US 95 @ Ave 8E Intersection**- Consists of constructing a traffic signal at the intersection of US 95 & Ave 8E. The project was awarded to Stormwater Plans LLC. dba SWP Contracting & Paving. The partnering will be scheduled in the next few weeks.
- **SR 95, Beacon Road – E. of Riverside Dr. Pav. Preservation** – Pavement preservation project for full width roadway. Project was awarded to Fann Contracting, Inc. The partnering will be scheduled in the next few weeks.

SR 72

- **SR 72, MP 29.86-49.91 Pavement Preservation**- the final project assessment has been submitted for the project. Project consists of 3" overlay on the roadway and drainage improvements. Project bid opened and will go to the Transportation Board in December for award consideration.
- **SR 72 & Joshua Drive Intersection Improvement**- Intersection improvement project to added left and right turn lanes. Project bid opened and will go before the Transportation Board for award consideration in December.

Local Projects

- **Texas Hill Bridges** – project is complete.
- **8th St. & 21st Ave Pedestrian Hybrid Beacon** – project is complete.
- **Juan Sanchez Boulevard, 10th St.-Ave E Centerline Rumble Strip**- project is complete.

Upcoming Projects

Interstate 8

- **Coyote Wash Multi-Use Pathway**- project consists of extending a multi-use pathway across the Coyote Wash in Wellton. The 100% comments submitted and C&S reviewing the project. Project is scheduled to advertise by Dec. 2018.
- **I-8, MP 141-147.6 Micro Seal Project**- The project funding has been moved to fiscal year 2020. Pre-scoping document complete.
- **I-8, MP 0.1 – 31 Various Bridges Deck Rehab**– Bridge deck rehabilitation project. Final design funding is in place and will have a kick-off meeting in a few weeks.
- **I-8, Avenue 36E to MP 46 Pav. Preservation**- Project consists of pavement rehabilitation from milepost 37 to 46 on I-8. Design will kick-off meeting was held. The 60% plans were submitted for review and comments are due back by 11/27/18. Construction is programmed for FY 20'.
- **I-8, MP 82-96, E. of Yuma/Maricopa County Line** – Pavement preservation project for EB & WB roadways. Construction programmed for FY 20', but the project may be moved into FY 19'. 100% plans submitted for final review and comments sent back.
- **I-8, Aztec to County Line (MP 71-82) Pav. Pres.**- The pre-design scoping document is complete. The Pre-scoping document is being revised and has been completed.
- **I-8, MP 134.6 – 141 Pavement Preservation**- The pre-design scoping document is complete.
- **I-8, MP 46 SW of Dateland Pavement Preservation**- project consists of milling and paving mainline and crossroads on I-8 for 20 miles. Construction funding programmed in fiscal year 2019. Final Project Assessment is complete. 60% plan submittal has been submitted for review and comments were sent back.
- **I-8, Sentinel Rest Area**- Design and construct waste water and water repairs. Design in FY 21' and construction programmed in FY 22'.

- **Statewide LED Project-** Project consists of replacing lighting statewide and installing new LED lights. Designated locations have been identified. 60% comment resolution meeting held. Project on hold until construction funding is in place.

Interstate 10

- **I-10, Tyson Wash Bridge Scour Protection-** project consists of completing scour protection work around the wash bridge structures and deck joint replacement work on the bridge deck. Draft Final Project Assessment complete. Construction funding programmed in fiscal year 2020. Project final design kick-off meeting held. Survey will be done in Dec. and 60% plans will be submitted in Feb. 2019.
- **I-10, MP 11.7-24 Pavement Preservation-** Pre-scoping document is complete.
- **I-10, MP 80-90 Pavement Preservation -** Pre-scoping document is complete.
- **I-10, MP 90-105.95 Pavement Preservation -** Pre-scoping document is complete.
- **I-10, MP 105.95-112.33 Pavement Preservation -** Pre-scoping document is complete.
- **I-10, Hassayampa Bridge –Sun Valley Parkway (Spot Repair) - Mill** and replace AC lanes and Spot Repairs on PCCP test panels. Design will begin in FY 2017.
- **I-10, W. Quartzsite TI (Exit 17) Pre-scoping –** Pre-scoping document will be developed to identify scoping elements and construction costs for a new interchange that includes a wider bridge. Pre-scoping document complete.
- **I-10, Bouse Wash Rest Area Rehabilitation Project-** rehabilitating the rest area. Project programmed for FY 22'. Team met at the site. Designer will put together a scope of work proposal for the project and final design will kick-off in Dec. 2018/Jan. 2019.
- **I-10, MP 105.95-Jct. SR 85 Pavement Preservation-** pavement preservation project from MP 105.95-114. Construction programmed in FY 21'.
- **I-10, SR 85 to Verrado Way Widening –** project is in the initial design stages. Designer is working on finalizing the DCR.

US 95

- **US 95, Ave 9E to Aberdeen Road-** Corridor is in the beginning design stage. 30% design of the corridor is complete. Project consists of widening US 95 to a 5-lane section for the southern portion and a divided roadway further north. Phase I was split into two projects. Fortuna Wash Bridge project has been completed. Additional funding will need to be established to move forward with r/w and utility work for the second half of phase I.
- **US 95, MP 42-Cibola Lake Road-** The design concept report for the project has been finalized.
- **US 95, MP 98-104 Corridor Study-** The study will look at widening the roadway to a five-lane section (2 lanes in each direction with 1 continuous left turn lane) with drainage improvements. The design kick-off meeting was held 11/6/12. Project assessment has been finalized.
- **Juan Sanchez Boulevard Corridor Study-** The study will look at widening Juan Sanchez Boulevard to a four-lane facility with concrete median separation. Design will look at drainage and evaluate intersections. Design Kick-off meeting was held 11/14/12. Draft 30% plans have been submitted for review and comments sent back. Environmental team will begin their survey work and finish the clearance. Once complete, geotechnical work can begin, and the 30% plans can be finalized.
- **Wellton Mohawk Canal Bridge Rehab-** project consists of rehabilitation of the existing bridges. Design Kick-off meeting held. Project expected to advertise in Jan. 2019. 95% plans submitted, and comments were sent back.

- **US 95 & Dome Valley Road Intersection Improvement** – project funding approved. Project design will kick off sometime in FY 19’.
- **Statewide Pavement Treatment Project**- Chip sealing on US 95 MP 29.34-34 & SR 85 South MP 16-32.5. The project is scheduled to advertise by the end of Dec. and work will start March 2019.

SR 85

- **SR 85, Warner Street Bridge**- Construction of new bridge. Project is 5-year program for construction in FY 2019.
- **SR 85, MP 142.3-148.85 Pavement Preservation** - Pre-scoping document is complete. Project in the new 5-year program. Design funds in FY 19’.

SR 95

- **SR 95, MP 116 to MP 135 Double Chip Seal**- Project is programmed in FY 20’.
- **SR 95 Colorado River Indian Tribe Sidewalk Improvement Project**- construction of 10’ sidewalk pathway with lighting. Locations along Airport Road, 4th Street/SR 95, and Bluewater Resort. Pre-scoping document complete.
- **Farmers Bridge**- Bridge rehabilitation project. Construction programmed in FY 20’.

SR 195

- **Ave E, SR 195 to Co. 18th Street Corridor Study**- This is a Local Government project. The study will look at continuing Ave E from SR 195 intersection through to County 18th Street. Final Design Concept Report has been sent out. Working to get the environmental clearance finalized.