



SEAGO TRANSPORTATION ADVISORY COMMITTEE

AGENDA FOR SEAGO TAC

Date:	March 15, 2018
Time:	10 a.m.
Location:	Cochise College Benson Center, 1025 State Hwy. 90, Benson, Arizona
Call-in No.	Call Chris Vertrees (520-432-5301 ext. 209) (cdvertrees@seago.org) 48 hrs. in advance of meeting date for call-in information.

Individuals wishing to participate in the meeting telephonically may do so by contacting Chris Vertrees at (520) 432-5301 extension 209. Contact must be made at least 48 hours before the meeting in order to obtain the call-in information. Please note that the option to participate telephonically may not be available unless requested as instructed above.

Si necesita acomodaciones especiales o un intérprete para esta conferencia, deben ponerse en contacto con Chris Vertrees al número (520) 432-5301, extensión 209, por lo menos setenta y dos (72) horas antes de la conferencia.

Voting TAC Members	Mark Hoffman – ADOT MPD Michelle Johnson –Benson Andy Haratyk – Bisbee Ian McGaughey – Clifton Karen Lamberton – Cochise County Lynn Kartchner – Douglas John Basteen – Duncan	Michael Bryce (Vice-Chair) – Graham County Phil Ronnerud –Greenlee Co. Juan Guerra – Nogales Dave Teel – Patagonia Jeff McCormick – Pima Randy Petty – Safford Heath Brown – Thatcher	Marvin Mull – San Carlos Apache Tribe (SCAT) Jesus Valdez (Chair) – Santa Cruz County Donna Driskell Tombstone Galo Galovale– Willcox
Guests, Staff, and Other Expected Attendees	Chris Vertrees – SEAGO		

Shaded items are action items.

ITEM	SUBJECT	PRESENTER	PAGE
1.	Call to Order and Introductions	Michael	N/A
2.	Call to the Public	Michael	N/A
3.	Approval of Minutes of January 18, 2018	Michael	3-7
4.	Review, Discussion, and Selection of FY19 HSIP Applications	Chris Mike B.	8-10
5.	STP/HSIP Ledger Reports	Chris	11-12
6.	TIP Reports – FY17 and FY18 ➤ Discussion and Possible Action on Current TIP <ul style="list-style-type: none"> • Administrative Changes • Proposed Amendments 	Chris	13-21
7.	Review, Discussion, and Approval of SEAGO FY2019-2023 Draft TIP	Chris	22-31
8.	LTAP Training Update	Chris	32-33
9.	ADOT-LPA Stakeholder Meeting Update	Karen	N/A
10.	District Engineers' Report ➤ Status of State Highway Projects Quarterly Project Report	TBD	N/A



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AGENDA FOR SEAGO TAC

11.	Regional Local Program Reports ➤ Status of Local Projects <ul style="list-style-type: none"> • STP Projects • Update on Enhancement Projects • Update on HSIP Projects • Update on all Planning Studies 	Towns, Cities, Counties, & ADOT	N/A
12.	Items for General Discussion	All	N/A
13.	Next Meeting Date: May 17, 2018	Michael	N/A
14.	Adjourn	Michael	N/A

Direction may be given to SEAGO staff on any item on the agenda



SEAGO TRANSPORTATION ADVISORY COMMITTEE

MEETING MINUTES FOR JANUARY 18, 2018

Date:	January 18, 2018		
Time:	10 a.m.		
Location:	Cochise College Benson Center, 1025 State Hwy. 90, Benson, Arizona		
Voting TAC Members Present	Karen Lamberton, Cochise Mark Hoffman, ADOT Jesus Valdez, Santa Cruz (Chair) Randy Petty, Safford Juan Guerra , Nogales	Michelle Johnson, Benson Heath Brown, Thatcher Andy Haratyk, Bisbee Lynn Kartchner, Douglas Michael Bryce, Graham	Jennifer Fuller (Huachuca City) Donna Driskell, Tombstone Doug Reed, Greenlee
Guests, Staff, and Other Attendees	Chris Vertrees, SEAGO Bradley Simmons, Cochise		

1. Call to Order and Introductions

Chair Jesus Valdez called the meeting to order at 10:08 a.m. TAC members, guests and SEAGO staff introduced themselves.

2. Call to the Public

Chair Jesus Valdez made a Call to the Public and no one spoke.

3. Approval of Minutes of November 16, 2017

Chair Jesus Valdez asked for a motion to approve the November 16, 2017 Minutes.

MOTION: Andy Haratyk moved to approve the November 16, 2017 Minutes.

SECOND: Michelle Johnson

ACTION: APPROVED UNANIMOUSLY

4. STP/HSIP Ledger Reports

Chris Vertrees presented the STP/HSIP Ledger Reports that were included in the TAC packet on pages 7 and 8.

5. TIP Report

Chris Vertrees presented the TIP Report. Chris advised the TAC that the ADOT Air & Noise Program Manager, requested that the two CMAQ projects be added to our TIP. Chris advised the TAC that his TIP Report failed to include PMDR fees and design costs for the projects identified in his memorandum. Chris distributed an email from Mark Hoffman that



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MEETING MINUTES FOR JANUARY 18, 2018

provided updated project cost data. The new project programming costs were:

NOG19-02 – City of Nogales - (Bankerd Avenue Paving Project): This is a CMAQ project. This project was evaluated by a CMAQ project review committee in December 2015. The committee recommended the project to be funded when funding became available. The ADOT Air & Noise Program has notified SEAGO that funding for this project will be available in FY19. The project will be added to the TIP in the following manner:

Year: 2019

Phase: Design

Federal Share: \$69,103

Local Share: \$4,178

Total Design Cost: \$73,281

Year: 2020

Phase: Construction

Federal Share: \$214,462

Local Share: \$12,964

Total Construction Cost: \$227,426

Total Project Cost: \$300,707

NOG20-01 – City of Nogales - (Pathway Project, Baffert Dr to Nogales High School): This is a CMAQ project. This project was evaluated by a CMAQ project review committee in December 2015. The committee recommended the project to be funded when funding became available. The ADOT Air & Noise Program has notified SEAGO that funding will be available in FY20. The project was added to the TIP in the following manner:

Year: 2020

Phase: Design

Federal Share: \$121,162

Local Share: \$7,324

Total Design Cost: \$128,486

Year: 2021

Phase: Construction

Federal Share: \$637,780

Local Share: \$38,551

Total Construction Cost: \$676,331

Total Project Cost: \$804,817

Chair Jesus Valdez asked for a motion to approve the TIP amendment.



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MOTION: Randy Petty moved to approve both Nogales CMAQ projects.

SECOND: Juan Guerra

ACTION: APPROVED UNANIMOUSLY

6. Review of SEAGO Future Project Programming Procedures

Chris advised the TAC that the SEAGO Region Future Project Programming Procedures were located on pages 13 to 17 of their TAC Packet. Chris reminded the TAC that the procedures were reviewed and approved by the TAC on November 20, 2014, and by the SEAGO Executive Board on February 27, 2015. The procedures allow for member agencies to submit an "Out of Cycle" HSIP, STP, or an Off-System Bridge Project application. Chris stated that Safford has submitted an "Out of Cycle" STP project for consideration. He stated that he attached our future project programming procedures to refresh TAC members on the procedure prior to reviewing Safford's STBG application.

7. City of Safford 14th Avenue Mini-DCR Presentation

Chris advised the TAC that the 14th Avenue Mini-DCR was included on pages 18-30 of their TAC Packet. Randy Petty presented 14th Avenue Project to the TAC. Estimated cost of the project is \$2.3 million. Chris answered questions concerning the programming process. Chris stated that the only decision that would be made today was a decision to place the project on the Future Project List if they feel the project is viable with a sound cost estimate. The project will cannot enter the TIP unless approved by the TAC at a later date.

Chair Jesus Valdez asked for a motion to place the Safford 14th Avenue Project on the Future Project List.

MOTION: Michael Bryce moved to place the 14th Avenue Project on the Future Project List.

SECOND: Juan Guerra

ACTION: APPROVED UNANIMOUSLY

8. Election of Officers

Chris advised the TAC that Article 6 of the SEAGO TAC Bylaws requires that a Chairperson and Vice-Chairperson be elected at the first meeting of the new calendar year. He advised that our current officers are:

Chairperson: Jesus Valdez – Santa Cruz County

Vice Chairperson: Michael Bryce – Graham County

Chris stated that the Bylaws provide no direction in regards to length of service limitations. Therefore, the TAC could elect to keep the current Chair and Vice-Chair in place or elect new officers. Karen Lamberton discussed the value of having a rotation of officers. After the discussion, Randy Petty indicated a desire to serve as Vice-Chair. Michael Bryce indicated a willingness to serve as Chair.

Chair Jesus Valdez asked for a motion to select Michael Bryce as Chair and Randy Petty as Vice-Chair.



SEAGO TRANSPORTATION ADVISORY COMMITTEE

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MOTION: Jesus Valdez moved to select Michael Bryce as Chair and Randy Petty as Vice-Chair.

SECOND: Heath Brown

ACTION: APPROVED UNANIMOUSLY

9. Approval of TAC Meeting Calendar

Chris Vertrees presented the TAC Meeting Calendar located on page 32 of the TAC Packet. Chris stated that the SEAGO TAC Bylaws require the schedule to be approved at the first meeting of each calendar year.

Chair Jesus Valdez asked for a motion to approve the SEAGO TAC 2018 Meeting Calendar.

MOTION: Michelle Johnson moved to approve the SEAGO TAC 2018 Meeting Calendar.

SECOND: Karen Lamberton

ACTION: APPROVED UNANIMOUSLY

10. Traffic Count Program Update

Chris referred the TAC to pages 33-34 of their TAC Packet. Chris advised that starting this year, ADOT will assume the responsibility of collecting all HPMS data, including HPMS data associated with local government roads. MPOs, COGs and local governments will be relieved of this responsibility. ADOT wants our focus to shift to traffic count data collection and ensuring that data is uploaded into our TDMS database. Chris stated that Joe Breyer (Works Consulting) is coordinating traffic count locations with ADOT. A count plan with 350 count locations is being developed and that counting will begin in March.

11. LTAP Training Update

Chris referred the TAC to his training memo located on pages 35 and 36 of their TAC Packet. Chris updated the TAC on the proposed LTAP Training Schedule that included **Maintenance Math** on March 28, 2018, **Signing and Striping** on April 25, 2018, and **Introduction to Survey and Grade Checking** on May 9-10, 2018. Chris also reviewed the LTAP requirements for Heavy Equipment Training. After discussion, the group indicated that they may be willing to pursue the training. The TAC requested that Chris develop a training survey prior to our March 15, 2018 TAC meeting for further discussion involving heavy equipment training.

Chris advised the TAC that Introduction to Survey and Grade Checking is tentatively scheduled. The course is a two-day course and is outside of our training window. He asked the TAC to approve the training schedule before finalizing it with LTAP.

Chair Jesus Valdez asked for a motion to approve the SEAGO LTAP Training Schedule.

MOTION: Michelle Johnson moved to approve the SEAGO LTAP Training Schedule.

SECOND: Michael Bryce

ACTION: APPROVED UNANIMOUSLY



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12. SHSP Update

Chris referred the TAC to his memo on page 37 of their TAC Packet. Chris advised of the status of updating crash data to include 2016 crashes. He indicated that 7 agencies did not appear to have complete crash reporting information. Our consultant is working with those agencies to verify the data. Chris provided up-to-date crash data for each member agency. Chris is expecting that our HSIP project locations identified in August 2017 will change as a result of the new data. Chris is expecting the new project locations in February and will distribute as soon as he has them. Chris stated that the SHSP should be ready in early March. He will forward for comment prior to our March 15 SHSP TAC meeting.

13. ADOT-LPA Stakeholder Meeting Update

Karen Lamberton advised the TAC about the December 7, 2017, Every Day Counts Local Public Agency Stakeholder Council meeting. She provided the TAC with an updated project initiation sample letter, the ADOT Project Initiation Flow Chart, and the new LPA Project Data Sheet. Karen discussed the value of going to these meetings and requested that other agencies attend with her. Andy Haratyk of Bisbee and Michael Bryce of Graham County indicated that they would attend the March meeting.

9. District Engineers' Report

Due to staffing changes the Southeast District did not have a representative at the meeting. The Southcentral district did not send a representative.

10. Regional Local Program Reports

The TAC had a long discussion on Chino Road. Karen Lamberton asked Douglas to update the progress on Chino Road. Lynn Kartchner indicated no progress has been made. Karen advised Douglas that they need to push ADOT on moving the project forward. She stated that it would be wise to go to Phoenix and meet with the project manager. Chris advised Douglas that we had to have an updated cost estimate prior to the March TAC meeting. He stated that we need to have a FY19 fiscally constrained TIP in place at our March 15 TAC meeting. Chris stated that without a new estimate, he needed to follow the ADOT estimate of \$3 million provided in August. SEAGO cannot absorb the additional \$600,000 to construct the project. The project will have to be reprogrammed in March if a new estimate is not available.

The rest of the agencies in attendance reported their current status of local projects and issues.

11. Items for General Discussion

Chair Valdez asked if anyone had items for general discussion. No one spoke.

12. Items for Next Meeting

Chris Vertrees advised the TAC that the next meeting will include the SHSP TAC Meeting, the SEAGO 2019-2023 TIP will need to be reviewed and approved, and he will have the results of the Heavy Equipment Training Course for review and discussion.

13. Next Meeting Date: March 15, 2018, at the Cochise College Benson Center.

MEETING ADJOURNED AT 12:50 PM



Agenda

SEAGO/SVMPO Strategic Highway Safety Plan

TAC Meeting

**Cochise College Benson Center
1025 State Route 90, Benson
March 15, 2018**

- 1. Crash Data Update**
- 2. Discussion to Select HSIP Projects to Pursue**
- 3. Next Steps:**
 - a. HSIP Applications:**
 - i. March 26: Draft applications to SEAGO/SVMPO**
 - ii. April 2: Applications to ADOT for Preliminary Review**
 - iii. May 4: Final Applications to ADOT**
 - b. Draft SHSP Report: April 15**
 - c. Final SHSP Report Discussion: May 17 TAC Meeting**

Draft 2018 Potential HSIP Projects for SEAGO/SVMPO, based on 2012-2016 Crashes

Agency	Project #	Road	Location	Length (miles)	Countermeasures	Estimated Cost	B/C Ratio
Cochise County	1	Charleston Rd	Tombstone to 4.8 miles S of Tombstone	4.8	Rumble strips	\$253,000	34.3
	2	Purdy Rd/Arizona St	Naco Hwy to Hazzard St	6.8	Rumble strips	\$340,000	12.8
	3	Double Adobe Rd	SR 80 to US 191	13.9	Rumble strips	\$648,000	6.7
	4	Frontier Rd	Davis Rd to Double Adobe Rd	9.2	Rumble strips	\$444,000	9.8
	5	Sanders/Adams/Jefferson/Truman	SR 82 to SR 82	5.4	Rumble strips	\$279,000	15.5
	6	Barataria Blvd	Moson Rd to Ranch Rd	1.0	Rumble strips	\$88,000	48.2
	7	Cascabel Rd	E3 Links Rd to Pomerene Rd	13.5	Rumble strips	\$630,000	6.9
	8	Projects 1-7 combined		54.6	Rumble strips	\$2,412,000	14.3
Santa Cruz County	9	Pendleton Dr	Camino Olympia to Julie Ann Rd	12.5	Rumble strips	\$587,000	7.4
	10	Calle Toruno/Camino Ramanote/Corrida de Toros	W Frontage to End of Pavement	6.0	Rumble strips	\$305,000	14.2
	11	Harshaw Rd	Red Rock Dr to near Harshaw Creek Rd (S)	4.6	Rumble strips	\$253,000	17.1
	12	Projects 9-11 combined		23.1	Rumble strips	\$1,061,000	12.3
Graham County	13	US 191/20 th St/Lone Star Intersection	ADOT/Graham Co/Safford		Pedestrian Hybrid Beacon (HAWK)	\$330,000	16.1
	14	Cottonwood Wash Rd	1200 South to Saguaro Dr	3.5	Rumble strips	\$197,000	22.0
	15	Golf Course Rd	Hoopes Ave to Elizabeth Ann Dr	1.6	Rumble strips	\$114,000	37.5
	16	Projects 14-15 combined		5.1	Rumble strips	\$281,000	30.9

Draft 2018 Potential HSIP Projects for SEAGO/SVMPO, based on 2012-2016 Crashes

Greenlee County/ Duncan/ADOT	17	SR 75 Duncan	Old Virden/Fairgrounds Rd to Family Dollar Store	0.8	Sidewalk both sides, high visibility crosswalk at Old Virden/Fairgrounds	\$312,000	31.4
	18	SR 75	Virden Hwy to US 191	17.4	Rumble strips	\$799,000	16.4
Safford/ADOT	19	US 70/just west of 11 th Ave			Pedestrian Hybrid Beacon (HAWK)	\$330,000	16.1
Sierra Vista	20	Coronado Dr/MLK Pkwy	Laurel Ln to SR 90	2.6	To be determined with City (signal improvements, speed feedback signs, etc.)	\$721,000	24.3

SEAGO STBG Ledger 2018-2022

Revised: March 2018

New OA rate from ADOT effective FFY 2017

94.9% *

Action	OA Rate	Projected Fed Funds *		Cumulative Balance	
		Apportionment	OA	Apportionment	OA
STP Carry Forward FY17 (Joe Carlson SRTS Bid Savings)	94.9%	\$18,195	\$18,195	\$18,195	\$18,195
FY 2018 Allocation	94.9%	\$1,001,206	\$950,144	\$1,019,401	\$968,339
ADOT Loan Repayment In		\$525,430	\$525,430	\$1,544,831	\$1,493,769
Cochise County: Davis Road ROW		-\$404,438	-\$404,438	\$1,140,393	\$1,089,331
Repay SVMPO for FY16 Loan #2		-\$69,870	-\$69,870	\$1,070,523	\$1,019,461
Clifton: Zorrilla Bridge Construction		-\$150,000	-\$150,000	\$920,523	\$869,461
SEAGO Loan to ADOT (Pending)		-\$910,523	-\$910,523	\$10,000	-\$41,062
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$0	-\$51,062
HSIP OA Usage		\$0	\$51,062	\$0	\$0
FY 2018 Balance				\$0	\$0
FY 2019 Allocation	94.9%	\$1,001,206	\$950,144	\$1,001,206	\$950,145
ADOT Loan Repayment In		\$910,523	\$910,523	\$1,911,729	\$1,860,668
Cochise County ROW Savings (Projected)		\$153,518	\$153,518	\$2,065,247	\$2,014,186
Douglas: Chino Road Extension Phase 2 (Tentative)		-\$2,818,664	-\$2,818,664	-\$753,417	-\$804,478
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$763,417	-\$814,478
FY 2019 Balance				-\$763,417	-\$814,478
FY 2020 Allocation	94.9%	\$1,001,206	\$950,144	\$237,789	\$135,666
20th Ave, Phase II (Construction) Safford		-\$2,000,000	-\$2,000,000	-\$1,762,211	-\$1,864,334
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$1,772,211	-\$1,874,334
FY 2020 Balance				-\$1,772,211	-\$1,874,334
FY2021 Allocation	94.9%	\$1,001,206	\$950,144	-\$771,005	-\$924,189
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$781,005	-\$934,189
FY 2021 Balance				-\$791,005	-\$944,189
FY2022 Allocation	94.9%	\$1,001,206	\$950,144	\$210,201	\$5,955
Thatcher: Church Street		-\$3,017,600	-\$3,017,600	-\$2,807,399	-\$3,011,645
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$2,817,399	-\$3,021,645
FY 2022 Balance				-\$2,817,399	-\$3,021,645

* Notes: 1. Updated: March 2018

2. OA Rate is at 94.9% is subject to change

3. STP Apportionments are ADOT estimates and subject to change.

This is an internal SEAGO document, and is used to provide a general overview of STP funds for a five year period.

OA = Obligated Authority. This is the amount of money that can actually be obligated to SEAGO based upon the OA %.

STP = Surface Transportation Program funds. This amount is allocated to SEAGO based upon the 2010 population

Balance carry-over is no longer allowed. Excess funds must be utilized or loaned to another COG or to the State.

SEAGO HSIP Ledger 2018-2019
Revised: March 2018

New OA rate from ADOT effective FFY 2016 Action	94.9% * OA Rate	Projected Fed Funds *		Cumulative Balance	
		Apportionment	OA	Apportionment	OA
HSIP Balance 10/1/16		\$0	\$0	\$0	\$0
FY 2018 Allocation	94.9%	\$519,767	\$493,259	\$519,767	\$493,259
Repay SVMPO		-\$200,000	-\$200,000	\$319,767	\$293,259
STP OA Useage		\$0	-\$51,062	\$319,767	\$242,197
Santa Cruz County: Pendleton Drive		-\$181,340	-\$181,340	\$138,427	\$60,857
FY 2018 Balance				\$138,427	\$60,857
FY 2019 Allocation	94.9%	\$0	\$0	\$0	\$0
(Local HSIP Funding Allocation Discontinued)					

- * Notes: 1. Updated: March 2018
2. Reflects ADOT assigned OA Rate of 94.9%
3. HSIP Apportionments are ADOT estimates and subject to change.

This is an internal SEAGO document, and is used to provide a general overview of HSIP funds for a five year period.

OA = Obligated Authority. This is the amount of money that can actually be obligated to SEAGO based upon the OA %.
HSIP = Highway Safety Improvement Program funds. This amount is allocated to SEAGO based upon ADOT's distribution formula.
Balance carry-over is no longer allowed. Excess funds must be utilized or loaned to another COG.



TAC PACKET

TO: SEAGO TAC
FROM: CHRIS VERTREES, SEAGO TRANSPORTATION PLANNER
DATE: MARCH 8, 2018
RE: SEAGO 2018-2022 TIP REPORT

The following TIP requests have been made since our last meeting:

SCC 12-12 – Santa Cruz County - (River Road and Pendleton Drive Safety Improvements): This is a HRRRP project. The construction cost estimate has been recently revised. An additional \$181,340 is needed in Federal funding to ensure the project moves forward in a timely manner. **Local HSIP** will be used to fund the remainder of this project. If approved, the project will be added to the TIP in the following manner:

Year: **2018**
Phase: **Construction**
Federal Share: **\$181,340**
Local Match: **\$10,961**
Total Project Cost: **\$192,301**

CLF16-01 – Town of Clifton - (Zorilla Bridge Rehabilitation): This is an off-system project. The construction cost estimate has been recently revised. An additional \$150,000 in Federal Funding is needed to ensure the project moves forward in a timely manner. STBG will be used to fund the remainder of this project. If approved, the project will be added to the TIP in the following manner:

Year: **2018**
Phase: **Construction**
Federal Share: **\$150,000**
Local Match: **\$9,067**
Total Project Cost: **\$159,067**

CCH 18-01 – Cochise County - (Davis Road DCR ROW): This is a STBG project programmed in FY18 for \$250,920. The ROW cost estimate is currently being revised. ROW costs are anticipated to be \$558,884. SEAGO is anticipating that \$153,518 in unused STBG funds will be returned to the Region from previous Davis Road ROW projects. Cochise County is requesting that the savings be re-programmed into the Davis Road DCR ROW Project. The County will be providing \$130,000 to address the expected ROW shortfall. STBG will be used to fund the remainder of this project. If approved, the project will be added to the TIP in the following manner:

Year: **2018**
Phase: **ROW**
Federal Share: **\$153,518**
Local Match: **\$24,446**
Other Funds: **\$130,000**
Total Project Cost: **\$558,884**

CCH 19-01 – Cochise County - (Charleston Road Rumble Strips and Other Countermeasures): This is an HSIP project. Cochise County was notified on January 26, 2018, that its HSIP application was approved (see attached ADOT Safety Project Eligibility Letter). In accordance with the eligibility letter, this project will be programmed as follows:

Year: **2019**
Phase: **Design**
Federal Share: **\$123,156**
Local Match: **\$0**
Total Project Cost: **\$123,156**

Year: **2020**
Phase: **Construction**
Federal Share: **\$501,000**
Local Match: **\$0**
Total Project Cost: **\$501,000**

Potential HSIP Applications: Our consultant will be reviewing potential HSIP applications for the Region at this meeting. ADOT requires that HSIP applications approved by the TAC be placed in the Future Project Section of the TIP. Applications cannot proceed unless this action is taken. ***The TAC will need to make decisions involving HSIP applications at this meeting.***

SEAGO Draft TIP Amendment #3 is attached for your review.



Cochise County
Community Development
Highway and Floodplain Division

Public Programs...Personal Service
www.cochise.az.gov

MEMORANDUM

Date: March 15, 2018
To: Randy Heiss, SEAGO Executive Director; SEAGO TAC
From: Karen L. Lamberton, AICP; County Transportation Planner
Subject: TIP Amendment Request

Cochise County requests the support of the SEAGO TAC for two proposed TIP Amendments.

HSIP Project Awarded: Cochise County requests that the TIP be amended to show the Cochise County – Charleston Rd HSIP project as follows:

FY19 Design \$123,156.00 Match \$0 FY20 Construction \$501,000.00 Match \$0

When this project was proposed most of the County’s portion of Charleston Rd. was within the SEAGO region. SVMPO has just recently adjusted their boundaries and this project is now within the SVMPO boundary. However, after discussion with the SVMPO TAC, with Mark Hoffman, ADOT, on March 6th, it was recommended that we place these funds on the SEAGO TIP. The SVMPO is without a director at that time. Following up on a timely manner on these awarded funds was uncertain and interim staff were not familiar with the HSIP program. Cochise County is a member agency of both the MPO and the COG, the project will be entirely funded and administered by ADOT, SouthCentral District.

Cochise County: Davis Road DCR ROW: Cochise County requests that the TIP Item CC18-01 be amended as follows:

1. Change the name from Davis Road Project Assessment and DCR to Davis Road DCR ROW.
2. Adjust length from 1.6 miles to 1.7 miles.

Highway and Floodplain
1415 Melody Lane, Building F
Bisbee, Arizona 85603
520-432-9300
520-432-9337 fax
1-800-752-3745
highway@cochise.az.gov
floodplain@cochise.az.gov

Planning, Zoning and Building Safety
1415 Melody Lane, Building E
Bisbee, Arizona 85603
520-432-9300
520-432-9278 fax
1-877-777-7958
planningandzoning@cochise.az.gov

3. Direct SEAGO to pour back into this fund item the pending reimbursement of an estimated \$153,518 being released from the ROW phase on the Milepost ROW projects. This will increase the federal fund amount to an estimated \$404,438. Match amount estimated to be \$22,648.
4. Direct SEAGO to include sufficient funds under the “other” line category for a total a project cost adequate for the estimated ROW acquisition (including the cost of obtaining a ROW consultant). The amount is estimated to be plus/minus \$130,000. These will be County over-match funds pending the return of Milepost 9 de-obligated funds. Unfortunately, Milepost 9, planned to be completed in June of last year, is not yet completed. It is still unknown when this will be completed, funds closed out and how much of a return will be made for re-programming to the TAC.

The County is prepared to front the funds needed in order to ensure a timely request for FHWA authorization to proceed to the ROW phase and obligation of the funds. The exact amounts are anticipated to be known by the SEAGO TAC meeting date (*pending updated cost estimates from consultants and Right-of-Way staff*). Although the amount available is essentially the same as the DCR ROW estimate of \$405,544, the number of acres needed changed at the 95% design plan stage and this 65% plan stage estimate did not include the cost of contracting for the work, obtaining the titles and appraisals and other costs that are not direct land acquisition costs.

Cochise County is prepared to initiate this project upon approval of the amended TIP.



January 26, 2018

Ms. Karen Lamberton
Cochise County Transportation Planner
Community Development Department
1415 Melody Lane, Building F
Bisbee, AZ 85603

Re: **Highway Safety Improvement Program (HSIP)**
Cochise County – Charleston Road Rumble Strips and Other Safety Countermeasures
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO: SEAGO
COG/MPO TIP No.: TBD
Southeast District, Cochise County

Dear Ms. Lamberton:

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 Cochise County's request to utilize HSIP funds for a safety countermeasure (project) to install rumble strips and other safety countermeasures as outlined below on Charleston Road is eligible for local Highway Safety Improvement Program (HSIP) funding.

Cochise County has eligibility approval to utilize HSIP funding to install the below countermeasures on Charleston Road from County Line to 4 miles north of Brunckow Road:

- Centerline and shoulder rumble strips
- Three automated speed feedback signs
- Approximately 10 chevrons
- Four speed reduction signs

All work will be performed by contract and minimal 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 2014 Strategic Highway Safety Plan. It supports the "Roadway Infrastructure and Operations" emphasis area by implementing the "reduce frequency and severity of lane- and roadway-departure crashes through roadway improvements" strategy.

During a 5-year period ending December 31, 2015, Cochise County experienced 2 fatal and 2 incapacitating crashes, of which 3 were run-off-the-road crashes, in this roadway segment. With the CCRF of 58% for fatal and 48% for incapacitating crashes, which were established using appropriate CMFs from the CMF Clearinghouse, Cochise County could see a 5-year reduction of 1.1 fatal and .95 incapacitating crashes. Based on the above CRF, a B/C ratio of 18.7 was calculated and along with a SHSP score of 1,458.6.

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], Traffic Engineering Group, Traffic Safety Section, May 2015; 1.1.4 Funding, Federal Share*). Cochise County anticipates the total design/construction cost of this countermeasure at **\$624,156.00** (Enclosure 1) as shown below.

Anticipated Design/Admin Cost – FY19

HSIP	\$ 123,156.00
Local Match	\$ 0.00
Estimated Total	\$ 123,156.00

Anticipated Construction Cost – FY 20

HSIP	\$ 501,000.00
Local Match	\$ 0.00
Estimated Total	\$ 501,000.00

Please note that eligibility does not give you authorization to begin work. ADOT clearances and an executed JPA will need to be completed between ADOT and Cochise 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.

Should the project scope of work change, the cost estimate increase by more than 20%, or the limits of the project change, a revised eligibility letter and modified application will need to be submitted and

approved prior to ADOT requesting federal authorization for construction. As noted in your transmittal letter, any construction costs exceeding the above amount, must come from funding sources other than HSIP.

Per 23 USC 148 (c)(2)(F)(i) Cochise 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,



Mona Aglan-Swick, P.E.
Analysis and Implementation Manager
ADOT-Traffic Safety Section

LTT

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

- Cc: FHWA, Arizona Division Office, ATTN: Jeffery King
 ADOT, Southeast District, ATTN: Bill Harmon, P.E.
 ADOT, Project Management Group, ATTN: Steve Mishler, P.E.
 ADOT, Finance, ATTN: Patrick Stone
 ADOT, Local Public Agency Section, ATTN: Mark Henige
 ADOT, Multi Modal Planning Division, ATTN: Charla Glendening
 SEAGO, ATTN: Chris Vertrees

SEAGO REGION
 Draft 2018- 2022 TIP Amendment #3
 Approved By: TAC - Administrative Council- Executive Board -

TIP YEAR Project ID	PROJECT SPONSOR	PROJECT NAME	PROJECT LOCATION	LENGTH	TYPE OF IMP - WK - STRU	Functional Classifications	LANES BEFORE	LANES AFTER	FED AID TYPE	FEDERAL FUNDS	LOCAL MATCH	OTHER FUNDS	TOTAL COST
2018													
DGS17-01	City of Douglas	Chino Road Extension Phase 2	Chino Road: 9th Street to SR90	.85 miles	Design	Urban Minor Arterial	2	2	STP	\$75,440	\$4,560		\$80,000
CCH18-01	Cochise County	Davis Road Project Assessment and DCR	Davis Road from Hwy 191 to N. Central Highway	1.7 miles	ROW	Rural Major Collector	2	2	STP	\$404,438	\$24,446	\$130,000	\$558,884
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Design	Urban Local	2	2	CMAQ	\$80,593	\$4,871		\$85,464
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Design (PMDR Fee)	Urban Local	2	2	CMAQ	\$28,290	\$1,710		\$30,000
SCC12-12	Santa Cruz County	River Road and Pendleton Drive Safety Improvements	River Road and Pendleton Drive	Varies	Construction	Rural Major Collector	2	2	HRRRP	\$2,664,700	\$159,865		\$2,824,565
SCC12-03	Santa Cruz County	Drive Intersection Improvements	Intersection		Design	Rural Major Collector			HSIP	\$70,725	\$4,275		\$75,000
SCC12-03	Santa Cruz County	Rio Rico and Pendleton Drive Intersection Improvements	Intersection		ROW	Rural Major Collector			HSIP	\$188,600	\$11,400		\$200,000
SCC12-12	Santa Cruz County	River Road and Pendleton Drive Safety Improvements	River Road and Pendleton Drive	Varies	Construction	Rural Major Collector	2	2	HSIP	\$181,340	\$10,961		\$192,301
CLF16-01	Town of Clifton	Zorilla Street Bridge Rehabilitation, Structure #9633	Zorilla Street between US 191 and Park, Avenue, Clifton, AZ	216 Feet	Construction	Rural Local	2	2	STP	\$150,000	\$9,067		\$159,067
CLF16-01	Town of Clifton	Zorilla Street Bridge Rehabilitation, Structure #9633	Zorilla Street between US 191 and Park, Avenue, Clifton, AZ	216 Feet	Construction	Rural Local	2	2	Off-System Bridge	\$729,896	\$44,118		\$774,014
		LTAP							STP	\$10,000			\$10,000
TOTAL FOR 2018										\$4,584,022	\$275,274	\$130,000	\$4,859,296
2019													
DGS17-01	City of Douglas	Chino Road Extension Phase 2	Chino Road: 9th Street to SR90	.85 miles	Construction	Urban Minor Arterial	2	2	STP	\$2,282,060	\$137,940		\$2,420,000
GGH12-04	Graham County	8th Ave & Airport Rd Intersection	Intersection		Construction	Rural Major Collector	2	2	HPP	\$996,375	\$60,226		\$1,056,601
GGH12-04	Graham County	8th Ave & Airport Rd Intersection	Intersection		Construction	Rural Major Collector	2	2	HRRRP	\$2,300,000			\$2,300,000
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Construction	Urban Local	2	2	CMAQ	\$409,942	\$24,779		\$434,721
CCH 19-01	Cochise County	Cochise County Rumble Strips and Other Countermeasures	Charleston Road from County Line to 4 miles north of Brunckow Road	4 miles	Design	Major Collector	2	2	HSIP	\$123,156	\$0		\$123,156
NOG 19-02	City of Nogales	Bankerd Ave. Paving Project	Bankerd Avenue from East Doe Street Intersection	510 Feet	Design	Urban Local	2	2	CMAQ	\$69,103	\$4,178		\$73,281
SCC 18-01	Santa Cruz County	I-19/Ruby Road TI-Improvements	I-19/Ruby Road TI		Design	Rural Major Collector	2	2	CMAQ	\$984,256	\$59,494		\$1,043,750
		LTAP							STP	\$10,000			\$10,000
TOTAL FOR 2019										\$15,754,175	\$801,577		\$16,555,752
2020													
SAF12-02	City of Safford	20th Ave, Phase II	Relation St to Golf Course Rd	.63 Miles	Construction	Urban Minor Arterial	3	5	STP	\$2,000,000	\$120,891		\$2,120,891
NOG 20-02	City of Nogales	Pathway Project, Baffert Dr to Nogales High School	East side of Grand Avenue from Baffert Drive to Country Club Drive. Intersects with Grand Avenue path on south side of Frank Reed Road to Nogales High School	3 miles	Design	N/A	N/A	N/A	CMAQ	\$121,162	\$7,324		\$128,486
NOG 19-02	City of Nogales	Bankerd Ave. Paving Project	Bankerd Avenue from East Doe Street Intersection	510 Feet	Construction	Urban Local	2	2	CMAQ	\$214,462	\$12,964		\$227,426
CCH 19-01	Cochise County	Cochise County Rumble Strips and Other Countermeasures	Charleston Road from County Line to 4 miles north of Brunckow Road	4 miles	Construction	Major Collector	2	2	HSIP	\$501,000	\$0		\$501,000
SCC12-03	Santa Cruz County	Rio Rico and Pendleton Drive Intersection Improvements	Intersection		Construction	Rural Major Collector			HRRRP	\$984,555	\$50,445		\$1,035,000
		LTAP							STP	\$10,000			\$10,000
TOTAL FOR 2020										\$3,831,179	\$191,624	\$0	\$4,022,803

SEAGO REGION
Draft 2018- 2022 TIP Amendment #3
Approved By: TAC - Administrative Council- Executive Board -

2021												
NOG 20-02	City of Nogales	Pathway Project, Baffert Dr to Nogales High School	Baffert Drive to Country Club Drive. Intersects with Grand	3 miles	Construction	N/A	N/A	N/A	CMAQ STP	\$637,780	\$38,551	\$676,331
										\$10,000		\$10,000
										\$10,000	\$0	\$10,000
2022												
THR12-13	Town of Thatcher	Church Street Widening	US 70 to Stadium Avenue	5,400 feet	Construction	Urban Major Collector	2	3	STP	\$3,017,600	\$182,400	\$3,200,000
										\$10,000		\$10,000
										\$3,027,600	\$182,400	\$3,210,000
BRIDGE PROJECTS												
GGH-BR-02	Graham County	Ft. Thomas River Structure No. 8131	Ft. Thomas River	1000 feet	Scoping, Design, Environmental ROW, and Construction	Rural Local	2	2	Off System Bridge	\$1,000,000	\$60,445	\$1,060,445
GEH-BR-07	Greenlee County	Soap Box Canyon Bridge Replacement Structure 8149: Phase 2	Wards Canyon Road, 3.39 miles E Jct US 191	31 feet	Replacement	Rural Local	2	2	Off System Bridge	\$424,350	\$25,650	\$450,000
										\$1,424,350	\$86,095	\$1,510,445
										\$28,631,326	\$1,536,969	\$30,298,295
FUNDING OBLIGATED IN 2017												
DGS13-05	City of Douglas	Joe Carlson Safe Routes to School	Douglas		Construction Sidewalks, Crosswalks, Striping & ADA Ramps				SRTS	\$250,000		\$250,000
DGS13-05	City of Douglas	Joe Carlson Safe Routes to School	Douglas		Construction Sidewalks, Crosswalks, Striping & ADA Ramps				STP	\$66,010	\$3,990	\$70,000
ST-TE-15	State	Sidewalks: Hwy 92: MP353-353.4, Naco Hwy: Naco Hwy-Collins Rd, Bisbee	Hwy 92:MP353-353.4, Naco Hwy: Naco Hwy-Collins Rd, Bisbee		Construction/Sidewalks				TE18	\$706,987	\$42,734	\$749,721
GEH-BR-08	Greenlee County	Campbell Blue Bridge Replacement	Blue River Road (FR 281), 8.8 South of E Jct US 180	61 feet	Design	Rural Local	2	2	STP	\$200,000	\$12,089	\$212,089
GGH12-03	Graham County	Reay Lane/Safford Bryce Road	Intersection		Construction	Rural Major Collector	2	2	HRRRP	\$424,350	\$25,650	\$450,000
GGH12-03	Graham County	Reay Lane/Safford Bryce Road	Intersection		Construction	Rural Major Collector	2	2	HSIP	\$66,010	\$3,990	\$70,000
SEA15-02	SEAGO/SVMPO Region	Regional Strategic Highway Safety Plan	Various Locations	N/A	Planning Study	Varies	N/A	N/A	HSIP	\$50,000	\$3,022	\$53,022
SCC12-12	Santa Cruz County	River Road and Pendleton Drive Safety Improvements	River Road and Pendleton Drive	Varies	Design	Rural Major Collector	2	2	HSIP	\$56,580	\$3,420	\$60,000
ST-TE-21	State	Town of Pima US 70 Pedestrian Bridge Extension	US 70, Town of Pima		Construction: Pedestrian Bridge				TE17	\$561,792	\$33,958	\$595,750
GGH12-04	Graham County	8th Ave & Airport Rd Intersection	Intersection		Design	Rural Major Collector	2	2	HPP	\$700,000		\$700,000
GGH-13-04	Graham County	Reay Lane Irrigation Canal Ditch Relocation	Reay Lane Between US70 & Safford Bryce Road in Safford	.2 miles	ROW	Rural Minor Collector	2	2	HRRRP	\$68,000	\$4,110	\$72,110
GGH-13-04	Graham County	Reay Lane Irrigation Canal Ditch Relocation	Reay Lane Between US70 & Safford Bryce Road in Safford	.2 miles	Construction	Rural Minor Collector	2	2	HRRRP	\$184,200	\$11,134	\$195,334
										\$10,000		\$10,000
										\$3,343,929	\$144,098	\$3,488,027

Future Construction Projects												
CCH12-10	Cochise County	Davis Rd. Improvements	Davis Road MP 13	1 mile	Construction of Safety & Drainage Improvements	Rural Major Collector	2	2	STP	\$924,560	\$55,885	\$980,445
CCH15-01	Cochise County	Davis Rd. Improvements	Davis Road MP 5	0.61 miles	Construction of Safety & Drainage Improvements	Rural Major Collector	2	2	STP	\$1,045,000	\$63,165	\$1,108,165
SAF12-02	City of Safford	20th Ave, Phase 3	Relation St to Golf Course Rd	.63 Miles	Construction	Urban Minor Arterial	3	5	STP	\$1,337,000	\$80,815	\$1,417,815



TAC PACKET

TO: SEAGO TAC
FROM: CHRIS VERTREES, SEAGO TRANSPORTATION PLANNER
DATE: MARCH 9, 2018
RE: SEAGO REGION DRAFT (PUBLIC COMMENT) 2019-2023 TIP

The SEAGO Region 2019-2023 TIP needs be submitted to ADOT by **July 1, 2018**. Due to the SEAGO TAC, Administrative Council, and Executive Board schedules, and the forty-five (45) day public participation process, the 2019-2023 Draft TIP needs to be approved at this meeting for submission to our Administrative and Executive Committees.

The following adjustments to the 2018-2022 TIP were made in the drafting of the 2019-2023 TIP:

- All projects listed as Obligated in 2017 section of the TIP have been removed.
- All FY 2018 projects that are expected to obligate by June 30, 2018, have been moved to the Obligated in 2018 section of the TIP.
- The 2018-2022 TIP Amendment #3 recommendations submitted to the TAC for approval at this meeting have been included in the 2019-2023 TIP.
- Any HSIP project applications selected to proceed at this meeting will be included in the Future Project Section of the 2019-2023 TIP.

Additional programming decisions are needed to allow me to finalize the 2019-2023 TIP for Public Comment.

The TIP must be fiscally constrained over a 4-year period (2019 through 2022). Currently our TIP does not meet those requirements. There are two primary causes for this issue:

- Chino Road Phase 2 seeing a significant increase (\$547,000) in its construction estimate. That was a very rough estimate (see attached email from the ADOT project manager). At our September TAC meeting, the TAC programmed the estimated \$80,000 needed to complete design. This would allow for a detailed cost estimate to be developed. As of our November TAC meeting, no work had been completed involving the development the cost estimate. At that meeting the TAC voted to move the project to FY19 to provide Douglas additional time to provide the cost estimate. It was made clear that the estimate was needed by our March meeting due to the development of the 2019-2023 TIP. At our January meeting, Douglas reported no action had been taken. As of March 7, 2018, no action has been taken. Therefore, the only estimate we have is the rough estimate of \$3,000,000 provided by the ADOT project manager in August.
- On January 18, 2018, the Sierra Vista, MPO Board voted to expand its boundary (see attached map). How this will impact on our STBG allocation is not directly known at this time.

I am expecting a reduction of \$40,000 to \$80,000 in our annual apportionment. I have estimated a \$60,000 reduction in your attached programming option scenarios. This places extra pressure on us to program with the most accurate cost data possible.

To fiscally constrain the TIP, I reviewed 3 options:

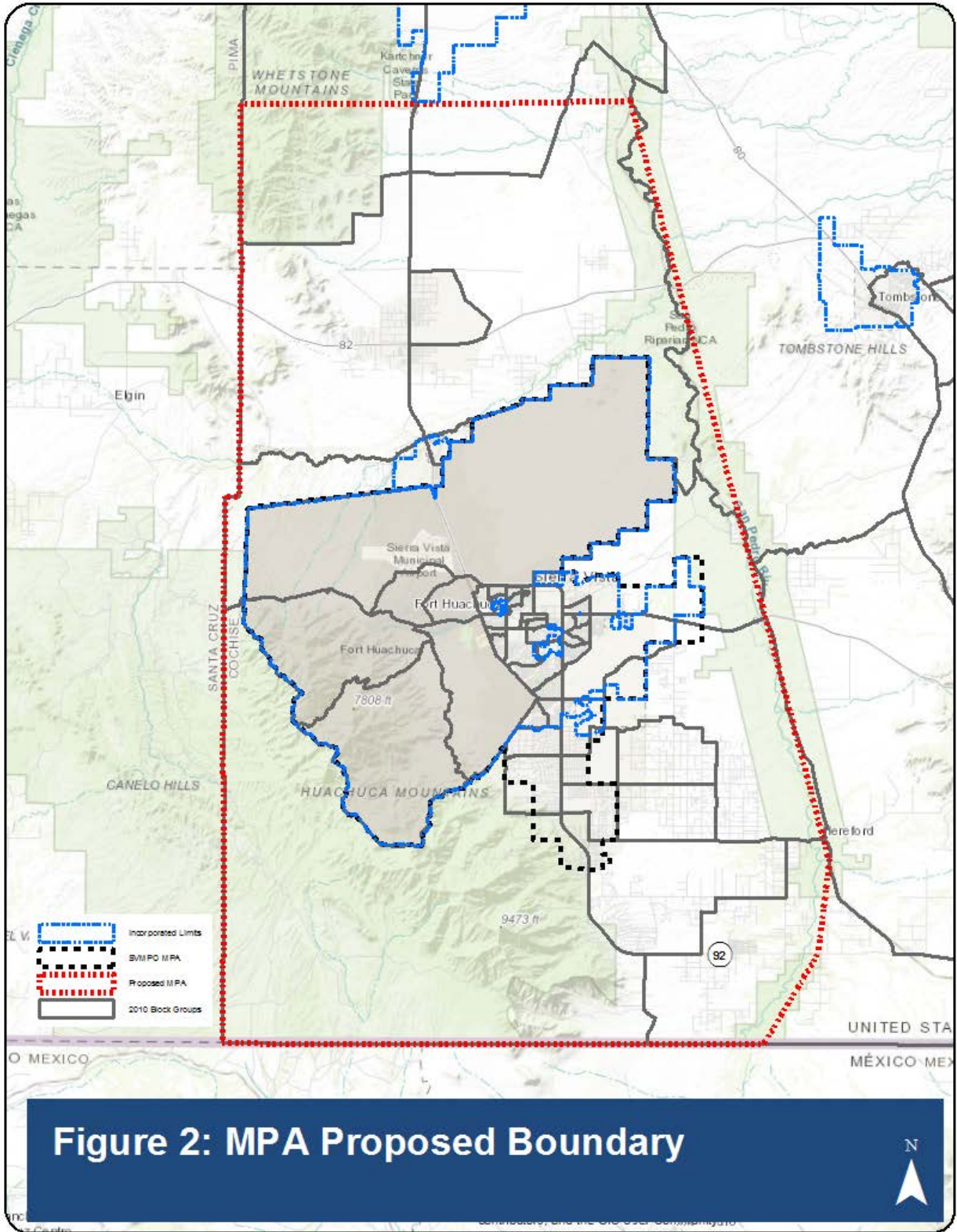
Option 1: Keep Douglas programmed in FY19 at \$3,000,000. This will set off a series of programming adjustments. Safford 20th Avenue will need to be pushed from FY20 to FY21. Thatcher Church Street (which is almost shovel ready) will need to be pushed to FY2023. However, even with these adjustments we will not be fiscally constrained. Please see our Option 1 STBG Ledger.

Option 2: Move Safford 20th Avenue up and reprogram Chino Road to FY2023, this would fiscally constrain the TIP. I did communicate with Safford City Engineer, Randy Petty. Randy indicated that the 20th Avenue project would not be ready to proceed in FY19.

Option 3: Move Thatcher Church Street up to FY19, this would fiscally constrain the TIP. We have a current construction cost estimate of \$2,325,079 (\$2,184,539: Federal). I did communicate with Thatcher Town Engineer, Heath Brown. Heath indicated that the Church Street project would be ready to proceed in FY19. This will require re-programming Chino Road to FY2023. Please see Option 3 STBG Ledger.

If you have any comments or questions involving the above options please let me know.

Attachments: Draft 2019-2023 TIP for Public Comment



SEAGO STBG Ledger 2018-2022

Revised: March 2018

Option 1

New OA rate from ADOT effective FFY 2017 Action	94.9% * OA Rate	Projected Fed Funds *		Cumulative Balance	
		Apportionment	OA	Apportionment	OA
STP Carry Forward FY17 (Joe Carlson SRTS Bid Savings)	94.9%	\$18,195	\$18,195	\$18,195	\$18,195
FY 2018 Allocation	94.9%	\$1,001,206	\$950,144	\$1,019,401	\$968,339
ADOT Loan Repayment In		\$525,430	\$525,430	\$1,544,831	\$1,493,769
Cochise County: Davis Road ROW		-\$404,438	-\$404,438	\$1,140,393	\$1,089,331
Clifton: Zorrilla Bridge Construction		-\$150,000	-\$150,000	\$990,393	\$939,331
Repay SVMPO for FY16 Loan #2		-\$69,870	-\$69,870	\$920,523	\$869,461
SEAGO Loan to ADOT (Pending)		-\$910,523	-\$910,523	\$10,000	-\$41,062
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$0	-\$51,062
HSIP OA Usage		\$0	\$51,062	\$0	\$0
FY 2018 Balance				\$0	\$0
FY 2019 Allocation	94.9%	\$940,000	\$892,060	\$940,000	\$892,060
ADOT Loan Repayment In		\$910,523	\$910,523	\$1,850,523	\$1,802,583
Cochise County Davis Road ROW Savings (Projected)		\$153,518	\$153,518	\$2,004,041	\$1,956,101
Douglas Chino Road Phase 2		-\$2,829,000	-\$2,829,000	-\$824,959	-\$872,899
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$834,959	-\$882,899
FY 2019 Balance				-\$834,959	-\$882,899
FY 2020 Allocation	94.9%	\$940,000	\$892,060	\$105,041	\$9,161
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$95,041	-\$839
FY 2020 Balance				\$95,041	-\$839
FY2021 Allocation	94.9%	\$940,000	\$892,060	\$1,035,041	\$891,221
Safford 20th Avenue		-\$2,000,000	-\$2,000,000	-\$964,959	-\$1,108,779
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$974,959	-\$1,118,779
FY 2021 Balance				-\$984,959	-\$1,128,779
FY2022 Allocation	94.9%	\$940,000	\$892,060	-\$44,959	-\$236,719
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$54,959	-\$246,719
FY 2022 Balance				-\$54,959	-\$246,719

- * Notes:
1. Updated: March 2018
 2. OA Rate is at 94.9% is subject to change
 3. STP Apportionments are ADOT estimates and subject to change.
 4. Reflects estimated loss from SVMPO expansion.
 5. Church Street moved to FY2024 at \$2,325,079.

This is an internal SEAGO document, and is used to provide a general overview of STP funds for a five year period.

OA = Obligated Authority. This is the amount of money that can actually be obligated to SEAGO based upon the OA %.

STP = Surface Transportation Program funds. This amount is allocated to SEAGO based upon the 2010 population

Balance carry-over is no longer allowed. Excess funds must be utilized or loaned to another COG or to the State.

Chris Vertrees

From: Susan Webber <SWebber@azdot.gov>
Sent: Friday, August 11, 2017 7:51 AM
To: Christopher Vertrees (cdvertrees@seago.org)
Cc: Mark Hoffman; Lynn Kartchner (lynn.kartchner@douglasaz.gov)
Subject: Chino Road Extension Phase II

Importance: High

Flag Status: Flagged

Hello, Chris.

Earlier this week, I met with the consultant for this project to determine what needs to be done (and the associated costs) to finish up design, as well as how much money will be needed for construction. The following is a summary of what we concluded:

Remaining design (consultant) and PMDR (ADOT staff) fees:

\$ 75,440	Federal funds (94.3%)
<u>\$ 4,560</u>	City of Douglas match (5.7%)
\$ 80,000	TOTAL

Construction:

\$ 2,829,000	Federal funds (94.3%)
<u>\$ 171,000</u>	City of Douglas match (5.7%)
\$ 3,000,000	TOTAL

If possible, all funding should be in FY18.

Please let me know if you have any questions. Thank you!

Susan Webber, P.E.
Project Manager
Project Management Group
205 S. 17th Ave., MD 614E
Phoenix, AZ 85007
(602) 712-7607
swebber@azdot.gov



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SEAGO STBG Ledger 2018-2022

Revised: March 2018

Option 3

New OA rate from ADOT effective FFY 2017 Action	94.9% * OA Rate	Projected Fed Funds *		Cumulative Balance	
		Apportionment	OA	Apportionment	OA
STP Carry Forward FY17 (Joe Carlson SRTS Bid Savings)	94.9%	\$18,195	\$18,195	\$18,195	\$18,195
FY 2018 Allocation	94.9%	\$1,001,206	\$950,144	\$1,019,401	\$968,339
ADOT Loan Repayment In		\$525,430	\$525,430	\$1,544,831	\$1,493,769
Cochise County: Davis Road ROW		-\$404,438	-\$404,438	\$1,140,393	\$1,089,331
Clifton: Zorrilla Bridge Construction		-\$150,000	-\$150,000	\$990,393	\$939,331
Repay SVMPO for FY16 Loan #2		-\$69,870	-\$69,870	\$920,523	\$869,461
SEAGO Loan to ADOT (Pending)		-\$910,523	-\$910,523	\$10,000	-\$41,062
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$0	-\$51,062
HSIP OA Usage		\$0	\$51,062	\$0	\$0
FY 2018 Balance				\$0	\$0
FY 2019 Allocation	94.9%	\$940,000	\$892,060	\$940,000	\$892,060
ADOT Loan Repayment In		\$910,523	\$910,523	\$1,850,523	\$1,802,583
Cochise County Davis Road ROW Savings (Projected)		\$153,518	\$153,518	\$2,004,041	\$1,956,101
Thatcher: Church Street		-\$2,189,950	-\$2,189,950	-\$185,909	-\$233,849
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$195,909	-\$243,849
FY 2019 Balance				-\$195,909	-\$243,849
FY 2020 Allocation	94.9%	\$940,000	\$892,060	\$744,091	\$648,211
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$734,091	\$638,211
FY 2020 Balance				\$734,091	\$638,211
FY2021 Allocation	94.9%	\$940,000	\$892,060	\$1,674,091	\$1,530,271
Safford: 20th Avenue		-\$2,000,000	-\$2,000,000	-\$325,909	-\$469,729
Tech Transfer (LTAP)		-\$10,000	-\$10,000	-\$335,909	-\$479,729
FY 2021 Balance				-\$345,909	-\$489,729
FY2022 Allocation	94.9%	\$940,000	\$892,060	\$594,091	\$402,331
Tech Transfer (LTAP)		-\$10,000	-\$10,000	\$584,091	\$392,331
FY 2022 Balance				\$584,091	\$392,331

- * Notes:
1. Updated: March 2018
 2. OA Rate is at 94.9% is subject to change
 3. STP Apportionments are ADOT estimates and subject to change.
 4. Estimated loss from SVMPO Expansion
 5. Chino Road moved to FY2023 at \$3,000,000

This is an internal SEAGO document, and is used to provide a general overview of STP funds for a five year period.

OA = Obligated Authority. This is the amount of money that can actually be obligated to SEAGO based upon the OA %.

STP = Surface Transportation Program funds. This amount is allocated to SEAGO based upon the 2010 population

Balance carry-over is no longer allowed. Excess funds must be utilized or loaned to another COG or to the State.

ENGINEERS OPINION OF PROBABLE COST
100% DESIGN, Updated 2017-04-03
SZ027-03D CHURCH STREET, TOWN OF THATCHER

Project Location : Church Street, Stadium Avenue to US70
Project Description : Roadway Widening

ITEM No.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANT.	AMOUNT
2010001	CLEARING AND GRUBBING	L.SUM	\$ 3,000.00	1	\$ 3,000
2020020	REMOVAL OF CONCRETE CURB	L.F.	\$ 3.77	1,534	\$ 5,783
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	\$ 3.00	4,061	\$ 12,183
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	\$ 4.00	23,779	\$ 95,117
2020041	REMOVAL OF PIPE	L.FT.	\$ 25.00	280	\$ 7,000
2020048	REMOVAL OF STRUCTURE (CATCH BASIN)	EACH	\$ 400.00	9	\$ 3,600
2020052	REMOVE (METAL HANDRAIL)	L.FT.	\$ 12.00	40	\$ 480
2020053	REMOVE (PAVEMENT INLET)	EACH	\$ 200.00	2	\$ 400
2020054	REMOVE (SIGN)	EACH	\$ 25.00	29	\$ 725
2020061	REMOVE AND RELOCATE MAIL BOXES	EACH	\$ 250.00	4	\$ 1,000
2020083	REMOVE BITUMINOUS PAVEMENT (MILLING) (2")	SQ.YD.	\$ 3.00	579	\$ 1,738
2020402	REMOVE AND RESET (FENCE)	L.SUM	\$ 800.00	1	\$ 800
2030301	ROADWAY EXCAVATION	CU.YD.	\$ 15.00	4,310	\$ 64,657
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	\$ 50.00	4,284	\$ 214,200
4010008	PORTLAND CEMENT CONCRETE PAVEMENT (8")	SQ.YD.	\$ 35.00	157	\$ 5,495
4040111	BITUMINOUS TACK COAT	TON	\$ 550.00	11	\$ 6,050
4040116	APPLY BITUMINOUS TACK COAT	hour	\$ 150.00	69	\$ 10,350
4040125	FOG COAT	TON	\$ 500.00	11	\$ 5,500
4040163	BLOTTER MATERIAL	TON	\$ 40.00	32	\$ 1,280
4040270	ASPHALT BINDER (PG 70-10)	TON	\$ 500.00	342	\$ 171,000
4060026	MINERAL ADMIXTURE (FOR 3/4" MIX)	TON	\$ 90.00	69	\$ 6,210
4160002	ASPHALTIC CONCRETE (3/4" MIX) (END PRODUCT)	TON	\$ 35.00	6,822	\$ 238,770
5011004	PIPE, REINFORCED CONCRETE, CLASS IV, 12"	L.FT.	\$ 100.00	294	\$ 29,400
5011024	PIPE, REINFORCED CONCRETE, CLASS IV, 24"	L.FT.	\$ 210.00	115	\$ 24,150
5030191	RECONSTRUCT CATCH BASIN	EACH	\$ 2,000.00	1	\$ 2,000
5030365	CATCH BASIN, TYPE E, (MAG DET. 534-1 & 534-2)	EACH	\$ 4,000.00	7	\$ 28,000
5030381	CATCH BASIN, TYPE H, (MAG DET. 538)	EACH	\$ 3,000.00	1	\$ 3,000
5030604	CONCRETE CATCH BASIN (C-15.80)(W/O APRON)	EACH	\$ 3,000.00	1	\$ 3,000
5050065	MANHOLE (MAG DET. 520 & 522)	EACH	\$ 4,000.00	3	\$ 12,000
5050201	RESET FRAME AND COVER FOR MANHOLE	EACH	\$ 500.00	16	\$ 8,000
6070054	SIGN POST (PERFORATED) (2 S)	L.FT.	\$ 7.00	607	\$ 4,249
6070060	FOUNDATION FOR SIGN POST (CONCRETE)	EACH	\$ 150.00	53	\$ 7,950
6080005	WARNING, MARKER, OR REGULATORY SIGN PANEL	SQ.FT.	\$ 21.00	333	\$ 6,993
6080025	FLAT SHEET ALUMINUM SIGN PANEL	SQ.FT.	\$ 25.00	90	\$ 2,250
6110202	METAL HANDRAIL (MAG 145)	L.FT.	\$ 50.00	20	\$ 1,000
7015042	TEMPORARY PAINTED MARKING (STRIPE)	L.FT.	\$ 0.40	6,600	\$ 2,640
7016030	BARRICADE (TYPE II, VERT.PANEL, TUBULAR MARKER)	EACH-DAY	\$ 0.25	27,100	\$ 6,775
7016032	PORTABLE SIGN STANDS (RIGID)	EACH-DAY	\$ 0.40	2,000	\$ 800
7016033	PORTABLE SIGN STANDS (SPRING TYPE)	EACH-DAY	\$ 0.75	6,000	\$ 4,500
7016035	WARNING LIGHTS (TYPE A)	EACH-DAY	\$ 0.20	6,000	\$ 1,200
7016037	WARNING LIGHTS (TYPE C)	EACH-DAY	\$ 0.35	16,000	\$ 5,600
7016038	TRAFFIC CONE (28 INCHES)	EACH-DAY	\$ 0.35	2,000	\$ 700
7016039	EMBEDDED SIGN POST	EACH-DAY	\$ 0.20	2,000	\$ 400
7016051	TEMPORARY SIGN (LESS THAN 10 S.F.)	EACH-DAY	\$ 0.25	12,200	\$ 3,050
7016075	FLAGGING SERVICES (CIVILIAN)	hour	\$ 30.00	260	\$ 7,800
7016078	FLAGGING SERVICES (LOCAL ENFORCEMENT OFFICER)	hour	\$ 65.00	150	\$ 9,750
7030019	OBJECT MARKER (FLEXIBLE) (TYPE 2)	EACH	\$ 75.00	7	\$ 525
7040005	PAVEMENT MARKING (WHITE EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	\$ 0.50	28,102	\$ 14,051
7040006	PAVEMENT MARKING (YELLOW EXTRUDED THERMOPLASTIC) (0.090")	L.FT.	\$ 0.50	12,800	\$ 6,400
7040073	PAVEMENT LEGEND (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")	EACH	\$ 200.00	2	\$ 400
7040074	PAVEMENT SYMBOL (EXTRUDED THERMOPLASTIC) (ALKYD) (0.090")	EACH	\$ 150.00	8	\$ 1,200
7050019	PAVEMENT MARKING, PREFORMED, TYPE I, LEGEND	EACH	\$ 150.00	6	\$ 900
7060015	PAVEMENT MARKER, RAISED, TYPE D	EACH	\$ 3.00	74	\$ 222
7080001	PERMANENT PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	\$ 0.10	28,102	\$ 2,810
7080011	PERMANENT PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	\$ 0.10	12,800	\$ 1,280
7320050	ELECTRICAL CONDUIT (2") (PVC)	L.FT.	\$ 10.00	630	\$ 6,300
7320400	PULL BOX (NO. 3 1/2)	EACH	\$ 300.00	4	\$ 1,200
7320410	PULL BOX (NO. 5)	EACH	\$ 400.00	8	\$ 3,200
8030092	GRANITE MULCH (SCREENED 1 1/4")	SQ.YD.	\$ 20.00	101	\$ 2,020

ENGINEERS OPINION OF PROBABLE COST
100% DESIGN, Updated 2017-04-03
SZ027-03D CHURCH STREET, TOWN OF THATCHER

Project Location : Church Street, Stadium Avenue to US70
Project Description : Roadway Widening

ITEM No.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANT.	AMOUNT
8030102	DECOMPOSED GRANITE (3/4" MINUS)	CU.YD.	\$ 15.00	207	\$ 3,105
8080645	RESET WATER METER BOX	EACH	\$ 200.00	5	\$ 1,000
8080646	RESET FRAME AND COVER FOR VALVE BOX	EACH	\$ 400.00	43	\$ 17,200
8080689	CONCRETE PIPE COLLAR	EACH	\$ 400.00	5	\$ 2,000
8101017	EROSION CONTROL (SEDIMENT MAT)	EACH	\$ 85.00	30	\$ 2,550
9010001	MOBILIZATION	L.SUM	\$ 158,800.00	1	\$ 158,800
9020174	REMOVE AND RECONSTRUCT CHAIN LINK FENCE	L.FT.	\$ 20.00	200	\$ 4,000
9080084	CONCRETE CURB AND GUTTER (C-05.10) (TYPE G) (MODIFIED)	L.FT.	\$ 30.00	183	\$ 5,490
9080101	CONCRETE CURB AND GUTTER, TYPE A (MAG DET. 220)	L.FT.	\$ 20.00	10,093	\$ 201,860
9080107	CONCRETE SINGLE CURB (MAG DET. 222)	L.FT.	\$ 22.00	1,224	\$ 26,928
9080110	CONCRETE CURB END	EACH	\$ 75.00	9	\$ 675
9080112	CONCRETE TRANSITION CURB	EACH	\$ 150.00	9	\$ 1,350
9080201	CONCRETE SIDEWALK (C-05.20)	EACH	\$ 4.50	9	\$ 41
9080295	CONCRETE SIDEWALK RAMP	SQ.FT.	\$ 20.00	3,293	\$ 65,860
9080303	CONCRETE DRIVEWAY	SQ.FT.	\$ 8.00	13,204	\$ 105,632
9080305	CONCRETE DRIVEWAY (TIE-IN)	SQ.FT.	\$ 6.50	6,575	\$ 42,738
9080512	SCUPPER (DTL D02)	EACH	\$ 5,200.00	1	\$ 5,200
9080513	SCUPPER (DTL D01)	EACH	\$ 1,500.00	4	\$ 6,000
9090531	RESET SURVEY MONUMENT	EA	\$ 350.00	11	\$ 3,850
9159101	BRICK PAVING	SQ.FT.	\$ 10.00	1,952	\$ 19,520
9230001	PROVIDE ON-THE-JOB TRAINING	HOUR	\$ 0.80	2,000	\$ 1,600
9240010	FORCE ACCOUNT WORK (LANDSCAPE ADJUSTMENT)	L.SUM	\$ 10,000.00	1	\$ 10,000
9240018	FORCE ACCOUNT WORK (STORM WATER POLLUTION PREVENTION)	L.SUM	\$ 15,000.00	1	\$ 15,000
9240117	MISCELLANEOUS WORK (DETECTABLE WARNING STRIP)	SQ.FT.	\$ 20.00	24	\$ 480
9240118	MISCELLANEOUS WORK (GRAVEL DRIVEWAY TIE-IN)	SQ.FT.	\$ 3.00	6,092	\$ 18,276
9240170	CONTRACTOR QUALITY CONTROL	L.SUM	\$ 17,800.00	1	\$ 17,800
9250001	CONSTRUCTION SURVEY AND LAYOUT	L.SUM	\$ 30,000.00	1	\$ 30,000
CONSTRUCTION SUBTOTAL					\$ 1,838,007
CONSTRUCTION CONTINGENCIES				10.0%	\$ 183,801
CONSTRUCTION COST SUBTOTAL					\$ 2,021,808
CONSTRUCTION ENGINEERING/ADMIN				15.0%	\$ 303,271
PROJECT CONSTRUCTION COST					\$ 2,325,079

SEAGO REGION
Draft 2019- 2021 TIP (For Public Comment)
Approved By: TAC - Administrative Council- Executive Board -

TIP YEAR Project ID	PROJECT SPONSOR	PROJECT NAME	PROJECT LOCATION	LENGTH	TYPE OF IMP - WK - STRU	Functional Classifications	LANES BEFORE	LANES AFTER	FED AID TYPE	FEDERAL FUNDS	LOCAL MATCH	OTHER FUNDS	TOTAL COST
2019													
DGS17-01	City of Douglas	Chino Road Extension Phase 2	Chino Road: 9th Street to SR90	.85 miles	Construction	Urban Minor Arterial	2	2	STP	\$2,829,000	\$171,000		\$3,000,000
GGH12-04	Graham County	8th Ave & Airport Rd Intersection	Intersection		Construction	Rural Major Collector	2	2	HPP	\$996,375	\$60,226		\$1,056,601
GGH12-04	Graham County	8th Ave & Airport Rd Intersection	Intersection		Construction	Rural Major Collector	2	2	HRRRP	\$2,300,000			\$2,300,000
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Construction	Urban Local	2	2	CMAQ	\$409,942	\$24,779		\$434,721
CCH 19-01	Cochise County	Cochise County Rumble Strips and Other Countermeasures	Charleston Road from County Line to 4 miles north of Brunckow Road	4 miles	Design	Major Collector	2	2	HSIP	\$123,156	\$0		\$123,156
NOG 19-02	City of Nogales	Bankerd Ave. Paving Project	Bankerd Avenue from East Doe Street Intersection	510 Feet	Design	Urban Local	2	2	CMAQ	\$69,103	\$4,178		\$73,281
SCC 18-01	Santa Cruz County LTAP	I-19/Ruby Road TI-Improvements	I-19/Ruby Road TI		Design	Rural Major Collector	2	2	CMAQ STP	\$984,256 \$10,000	\$59,494		\$1,043,750 \$10,000
TOTAL FOR 2019										\$7,721,832	\$319,677		\$8,041,509
2020													
SAF12-02	City of Safford	20th Ave, Phase II	Relation St to Golf Course Rd	.63 Miles	Construction	Urban Minor Arterial	3	5	STP	\$2,000,000	\$120,891		\$2,120,891
NOG 20-02	City of Nogales	Pathway Project, Baffert Dr to Nogales High School	East side of Grand Avenue from Baffert Drive to Country Club Drive. Intersects with Grand Avenue path on south side of Frank Reed Road to Nogales High School	3 miles	Design	N/A	N/A	N/A	CMAQ	\$121,162	\$7,324		\$128,486
NOG 19-02	City of Nogales	Bankerd Ave. Paving Project	Bankerd Avenue from East Doe Street Intersection	510 Feet	Construction	Urban Local	2	2	CMAQ	\$214,462	\$12,964		\$227,426
CCH 19-01	Cochise County	Cochise County Rumble Strips and Other Countermeasures	Charleston Road from County Line to 4 miles north of Brunckow Road	4 miles	Construction	Major Collector	2	2	HSIP	\$501,000	\$0		\$501,000
SCC12-03	Santa Cruz County LTAP	Rio Rico and Pendleton Drive Intersection Improvements	Intersection		Construction	Rural Major Collector			HRRRP STP	\$984,555 \$10,000	\$50,445		\$1,035,000 \$10,000
TOTAL FOR 2020										\$3,831,179	\$191,624	\$0	\$4,022,803
2021													
NOG 20-02	City of Nogales LTAP	Pathway Project, Baffert Dr to Nogales High School	East side of Grand Avenue from Baffert Drive to Country Club Drive. Intersects with Grand Avenue path on south side of Frank Reed Road to Nogales High School	3 miles	Construction	N/A	N/A	N/A	CMAQ STP	\$637,780 \$10,000	\$38,551		\$676,331 \$10,000
TOTAL FOR 2021										\$647,780	\$38,551		\$686,331
2022													
THR12-13	Town of Thatcher	Church Street Widening	US 70 to Stadium Avenue	5,400 feet	Construction	Urban Major Collector	2	3	STP	\$2,189,950	\$135,129		\$2,325,079
									STP	\$10,000			\$10,000
TOTAL FOR 2022										\$2,199,950	\$135,129	\$0	\$2,335,079
2023													
									STP	\$10,000			\$10,000
TOTAL FOR 2023										\$10,000	\$0	\$0	\$10,000
BRIDGE PROJECTS													
GGH-BR-02	Graham County	Ft. Thomas River Structure No. 8131	Ft. Thomas River	1000 feet	Scoping, Design, Environmental ROW, and Construction	Rural Local	2	2	Off System Bridge	\$1,000,000	\$60,445		\$1,060,445
GEH-BR-07	Greenlee County	Soap Box Canyon Bridge Replacement Structure 8149: Phase 2	Wards Canyon Road, 3.39 miles E Jct US 191	31 feet	Replacement	Rural Local	2	2	Off System Bridge	\$424,350	\$25,650		\$450,000
TOTAL BRIDGE PROJECTS										\$1,424,350	\$86,095	\$0	\$1,510,445
TOTAL FOR FIVE YEAR PROGRAM										\$15,835,091	\$771,076	\$0	\$16,606,167

SEAGO REGION
Draft 2018- 2022 TIP Amendment #3
Approved By: TAC - Administrative Council- Executive Board -

FUNDING OBLIGATED IN 2017													
DGS17-01	City of Douglas	Chino Road Extension Phase 2	Chino Road: 9th Street to SR90	.85 miles	Design	Urban Minor Arterial	2	2	STP	\$75,440	\$4,560		\$80,000
CCH18-01	Cochise County	Davis Road Project Assessment and DCR	Davis Road from Hwy 191 to N. Central Highway	1.7 miles	ROW	Rural Major Collector	2	2	STP	\$404,438	\$24,446	\$130,000	\$558,884
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Design	Urban Local	2	2	CMAQ	\$80,593	\$4,871		\$85,464
NOG 19-01	City of Nogales	Valle Verde/Paseo Verde Paving Project	Valle Verde Dr. and Paseo Verde Drive between Grand Ave. and W. Mesa Verde Dr.	1150 Feet	Design (PMDR Fee)	Urban Local	2	2	CMAQ	\$28,290	\$1,710		\$30,000
SCC12-12	Santa Cruz County	River Road and Pendleton Drive Safety Improvements	River Road and Pendleton Drive	Varies	Construction	Rural Major Collector	2	2	HRRRP	\$2,664,700	\$159,865		\$2,824,565
SCC12-03	Santa Cruz County	Rio Rico and Pendleton Drive Intersection Improvements	Intersection		Design	Rural Major Collector			HSIP	\$70,725	\$4,275		\$75,000
SCC12-03	Santa Cruz County	Rio Rico and Pendleton Drive Intersection Improvements	Intersection		ROW	Rural Major Collector			HSIP	\$188,600	\$11,400		\$200,000
SCC12-12	Santa Cruz County	River Road and Pendleton Drive Safety Improvements	River Road and Pendleton Drive	Varies	Construction	Rural Major Collector	2	2	HSIP	\$181,340	\$10,961		\$192,301
CLF16-01	Town of Clifton	Zorilla Street Bridge Rehabilitation, Structure #9633	Zorilla Street between US 191 and Park, Avenue, Clifton, AZ	216 Feet	Construction	Rural Local	2	2	STP	\$150,000	\$9,067		\$159,067
CLF16-01	Town of Clifton	Zorilla Street Bridge Rehabilitation, Structure #9633	Zorilla Street between US 191 and Park, Avenue, Clifton, AZ	216 Feet	Construction	Rural Local	2	2	Off-System Bridge	\$729,896	\$44,118		\$774,014
	LTAP								STP	\$10,000			\$10,000
TOTAL FOR 2016										\$4,584,022	\$275,274	\$130,000	\$4,859,296

Future Construction Projects													
CCH12-10	Cochise County	Davis Rd. Improvements	Davis Road MP 13	1 mile	Construction of Safety & Drainage Improvements	Rural Major Collector	2	2	STP	\$924,560	\$55,885		\$980,445
CCH15-01	Cochise County	Davis Rd. Improvements	Davis Road MP 5	0.61 miles	Construction of Safety & Drainage Improvements	Rural Major Collector	2	2	STP	\$1,045,000	\$63,165		\$1,108,165
SAF12-02	City of Safford	20th Ave, Phase 3	Relation St to Golf Course Rd	.63 Miles	Construction	Urban Minor Arterial	3	5	STP	\$1,337,000	\$80,815		\$1,417,815
TBD	City of Safford	14th Avenue Improvement	14th Ave from Relation Street to 8th Street	.41 miles	Construction	Rural Major Collector	3	3	STP	\$2,300,000	\$139,024		\$2,439,024



TAC PACKET

TO: SEAGO TAC
FROM: CHRIS VERTREES, SEAGO TRANSPORTATION PLANNER
DATE: MARCH 8, 2018
RE: LTAP TRAINING UPDATE – HEAVY EQUIPMENT SURVEY RESULTS

I have been advised by LTAP that their Maintenance Match instructor has developed a conflict with the March 28, 2018 date. They requested moving the Maintenance Math course to April 18, 2018. I did not want to put you in the in the position to send staff to training in back-to-back weeks. In addition, the Introduction to Survey and Grade Checking was a tentative date. LTAP has requested a push-back that training to early June. The following is an update on the training schedule for TAC approval:

Course Name	Course Date	Training Location	Start Time	End Time	Seats Available
Maintenance Math	5/16/18	Cochise College Benson Center	9:00AM	5:00PM	15
Signing and Striping 1	4/25/18	Cochise College Benson Center	9:00AM	5:00PM	15
Introduction to Survey & Grade Checking	6/6/18 & 6/7/18	Cochise College Benson Center	9:00AM	5:00PM	15

The following are the results of our heavy equipment training survey:

We had a total of 9 responses (Clifton, Benson, Safford, Patagonia, Tombstone, Douglas, Bisbee, Thatcher, and Santa Cruz County).

Is your agency interested in participating in a regional heavy equipment training course? Yes: 6 No: 3

Of the 6 Yes responses, the following were the responses:

If yes, would you be willing to send staff to a central training location? Yes: 5 No: 1

If you are interested in participating, how many staff would you anticipate sending to a training workshop? 17 staff were committed.

LTAP provides the following heavy equipment certifications: Motor Grader, Backhoe, Bulldozer and Front End Loader. Please prioritize (1 to 4) your equipment training priority:

1. Backhoe (1.83 Score)
2. Front End Loader (2.16 Score)
3. Motor Grader (2.33 Score)
4. Bulldozer (3.67 Score)

LTAP limits training to 3 persons per piece of equipment. Would you be willing to transport equipment to a central training location? Thatcher (backhoe and front end loader), Santa Cruz (motor grader and front end loader), Bisbee (backhoe), and Safford (backhoe) all stated yes.

The LTAP requires that sponsoring agency be responsible for making available a minimum of 3 to 10 miles of blue staked unpaved road or large work area, a classroom for four to five hours on the first day, and proper materials for the equipment (i.e. fuel, oil and grease). Considering these requirements, would you be willing and able to host a training course? Safford, Bisbee, and Santa Cruz stated yes.

The top 4 training months in order selected were: December, January, November, February

My recommendations from the survey results are:

- 1. Continue to pursue scheduling/coordinating heavy equipment training.**
- 2. Pursue localized training at 3 locations:**
 - A. Bisbee – Backhoe
 - B. Santa Cruz County - Front End Loader
 - C. Safford – Backhoe
- 3. Schedule training for the following months:**
 - A. Bisbee – November
 - B. Santa Cruz County - January
 - C. Safford - December

I will be glad to answer any questions you may have at the meeting.