SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION TECHNICAL ADVISORY COMMITTEE: REGULAR MEETING AGENDA: MAY 12, 2021

MEETING LOCATION:

City of Sierra Vista: Public Works Bld.
TRAINING CONFERENCE ROOM
401 Giulio Cesare Ave.
Sierra Vista, AZ 85635

CDC PROTOCOLS WILL BE FOLLOWED FOR PRE-SANITATION AND DISTANCING

Microsoft Teams Meeting Option

Join on your computer or mobile app

Click here to join the meeting

Or call in (audio only) +1 602-704-1809,,17487074#

Phone Conference ID: 174 870 74#

MEETING DATE AND TIME:

May 12, 2021
10:00 AM to 12 Noon

FOR MORE INFORMATION OR TO REQUEST ACCOMMODATION FOR SPECIAL NEEDS:

Website: www.svmpo.org
Email: SVMPO@SierraVistaAZ.gov
Administrator Phone: 520-515-8525

SVMPO TECHNICAL ADVISORY COMMITTEE (TAC)

Members may also participate via virtual connection

Chair:	Linda Jones, Vista Transit Transportation Administrator
Vice-Chair:	Brad Simmons, P.E., Civil Engineer
Member:	Sharon Flissar, P.E., Director Public Works, City of Sierra Vista
Member:	Matt McLachlan, Dir. Community Development, City Sierra Vista Designated Alternate: Blake Fisher
Member:	*VACANT/CITY ENGINEER* Designated Alternate: Angela Dixon-Maher, P.E.
Member:	Jim Halterman, Town of Huachuca City, Public Works Supervisor Designated Alternate: Jim Johnson, Ph.D, CBO,CCI; Building Official
Member	Jackie Watkins, P.E., Cochise County Engineer Designated Alternate: Valerie Fuller
Member:	Mark Hoffman, Arizona Department of Transportation

STAFF:
SVMPO Administrator: Karen L. Lamberton, AICP

Members of the Public: Please let the Administrator know before the meeting if you wish to speak on a specific Agenda Item.

1. CALL TO ORDER AND ROLL CALL

2. ACCEPTANCE OF THE AGENDA

3. CALL TO THE PUBLIC

This is the time set aside for the public to speak to the TAC. Speakers are limited to a three-minute presentation and may also submit written comments for the Board files. The TAC may not discuss or take formal action on items that are not specifically identified on the agenda. Therefore, pursuant to A.R.S. § 38-431.01 (H) action taken as a result of public comment is limited to responding to any criticism, directing staff to review the matter, or scheduling the matter for discussion at a later date.

4. APPROVAL OF MEETING MINUTES

Action: Approval of the TAC Regular Meeting Minutes of March 10, 2021.

NEW BUSINESS: PRESENTATION/DISCUSSION/POSSIBLE ACTION

5. SVMPO WORK PROGRAM FOR FY22 & FY23

Action: The SVMPO develops a two-year program for the operation of the MPO and completion of mandated studies, plans and programs under a Board approved Joint Project Agreement with ADOT. This document projects forward activities of the MPO and the associated funding sources to cover estimated costs. Amendments occur after the end of both the state and federal fiscal year to adjust funding carry-forward and appropriation amounts, as well as to add or delete planned work activities as needs change over time.

This Work Program is a continuation of previous Work Programs with no changes to the previous nine Work Elements. It has been conditionally approved by FHWA, FTA and ADOT. It is intended for Board consideration at their May 27, 2021 regular Board meeting.

This is a discussion and possible action item. The TAC may recommend work activities to be added or deleted prior to finalizing the FY22 & Fy23 Work Program.

CONTINUING BUSINESS: PRESENTATION/DISCUSSION/POSSIBLE ACTION

6. TRANSPORTATION IMPROVEMENT PROGRAM (TIP): 2021-2025 TIP/2022-2026 TIP

The TAC will review the SVMPO Ledger and the tentative TIP for the 2022-2026 cycle. At this time the SVMPO has not received any new requests for TIP projects: given the limited funding available in the near-term the TAC previously indicated that it might be prudent to wait for the completion of both the Short-Range Transit Plan and the Long-Range Transportation Plan for identifying potential TIP projects for the next five to seven years. The TIP is a document that is routinely amended as new information about funding, federal or state funded grants to jurisdictions are awarded, or new regional projects are selected that are required to be in the regional TIP's.

This is an information and possible discussion item.

7. SHORT-RANGE TRANSIT PLAN STATUS UPDATE

Federal Transit Administration (FTA) and ADOT Transit requires updates to small urban transit system plan about every five years. Michael-Baker, the Transit Plan consultant team, is about 80% completed with this project and is on schedule and within budget. Extensive public outreach with Vista Transit drivers and their riders has been undertaken, in coordination with the Long-Range

Transportation Plan. Drafted chapters for the first four sections are now available on the SVMPO website for review: https://www.svmpo.org/transportation-planning/short-range-transit-plan-update/

This project is expected to be finalized within the next two months and presented for consideration by the SVMPO Board at their June 24, 2021 meeting.

This is an information and discussion item. Direction to the Vista Transit Administrator or the SVMPO Administrator may be given.

8. SVMPO 2050 LONG-RANGE TRANSPORTATION PLAN UPDATE

Kimley-Horn, partnered with Rick Engineering and Gordley Group, are the consultant team for developing the first update of the SVMPO Long-Range Transportation Plan, with the extended MPO boundaries. TAC members will discuss the results of the modeled scenario runs, preliminary project list with planning level cost estimates, public outreach efforts and a potential joint TAC/Board Work Session. Drafted chapters are now available on the SVMPO website for review: https://www.svmpo.org/transportation-planning/2050-long-range-transportation-plan-update-2050-lrtp/

This is an information and discussion item. Direction to the SVMPO Administrator and Consultant Team may be given.

INFORMATIONAL ITEMS/DIRECTION TO SVMPO ADMINISTRATOR MAY BE GIVEN

9. SOUTHCENTRAL DISTRICT REPORT

ADOT and/or the Administrator will report on the status of current and potential ADOT projects within the region. This item is the time for the TAC to discuss issues or raise questions related to projects under the jurisdiction of ADOT.

This is an information item.

10. JURISDICTION PROJECT UPDATES & ANNOUNCEMENTS

This is the time set aside for the TAC Member to share information about member jurisdiction projects and current events/announcements.

This is an information item.

11. UPCOMING SCHEDULED MEETINGS and ADMINISTRATOR'S REPORT

SVMPO Board Meeting: May 27, 2021 at 2:30 p.m. SV City Managers Conference Room
Land Law Workshop: June 4, 2021; Tempe, AZ
Possible Joint TAC/Board Work Session: June 10th
BPAC Mtg: August 3, 2021 at 10 a.m. Public Works Training Room or Virtually/Telephonic
AzPlanning Conference/Western States Planning Conference: August 22-25, 2021

- The 2020 Census population numbers have not yet been released: currently the re-districting population numbers are projected to be released end of September of 2021 (*per discussion with Census Bureau Statistician on May 6, 2021*).
- The SVMPO Board submitted formal comments regarding the proposal of the Office of Management and Budget to adjust urbanized thresholds and the impacts that might have on this region's state and federal funding. At this time there has been no additional guidance on the potential impact on existing MPO's that may fall below the new thresholds, if implemented.

- The Town of Huachuca City Roadway Inventory & Assessment project is approximately 40% completed and is currently on schedule and within contracted budget.
- The SVMPO Board elected Mayor Pro Tem Rachel Gray as the SVMPO Chair and Council Member Carolyn Umphrey is taking the vacated seat of Mayor Mueller as a regular member of the Board.

This is an information item *(depending on time this item may only be presented in written form).*

12. FUTURE AGENDA ITEMS

The next TAC meeting is scheduled for **June 9, 2021 at 10:00 a.m.**

There is the potential of a joint TAC/Board Work Session on or about June 10th on the Long-Range Transportation Plan. It is not yet known if, or how, this joint Work Session may occur, but TAC members are asked to block June 10th on their schedules for a tentative meeting with the Board and/or their own member jurisdiction elected officials.

The AZ/Western States Planning Conference is scheduled for both an in-person and virtual option on August 22-25, 2019. The Roads and Streets Conference is planned for in-person event in Tucson on October 6-8, 2021. Interest among TAC members will be assessed. A possible in-person RTAC Rural Summit, tentatively scheduled for October 13-15th, and typically attended by Board members and the MPO Administrator, has the potential to conflict with the currently set Oct. 13th TAC meeting date.

This is an informational item, with possible direction to the Administrator.

13. ADJOURNMENT

The meeting room is accessible to those individuals with mobility impairments. Individuals with disabilities who require special accommodations or have limited English proficiency and are in need of an interpreter may contact Karen Lamberton at 520.515.8525 at least 72 hours before the meeting time to request accommodations.

Si necesita acomodaciones especiales o un interprete para esta conferencia, debe pnerse en contacto con Karen Lamberton al numero 520.515.8525 por lo menos setenta y dos (72) hora antes de la conferencia.

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL ADVISORY COMMITTEE (TAC)
MEETING MINUTES: MARCH 10, 2021

MEETING HELD VIRTUALLY DUE TO NATIONAL, STATE and LOCAL EMERGENCY ORDERS IN PLACE AT THIS TIME.

DRAFT

MEETING LOCATION/VIRTUAL:
WEB-EX MEETING

Web-Ex Meeting Information Link:

https://sierravista.webex.com/sierravista/j.php?MTID=m0ac79f8e3d6ff0f4480123417be9e460

Meeting Number: 133 335 0208

Password: BZz9bjN8aw9

Host Key: 773341

Or Join by Phone: 1-415-655-0001

Access Code: 133 335 0208

MEETING DATE AND TIME:

March 10, 2021
10:00 AM

FOR MORE INFORMATION OR TO REQUEST ACCOMMODATION FOR SPECIAL NEEDS:

Website: www.svmpo.org
Email: SVMPO@SierraVistaAZ.gov
Administrator Phone: 520-515-8525

SVMPO TAC MEMBERS IN ATTENDANCE: (all members present virtually)

Chair: Linda Jones, Public Works Operations Manager for Vista Transit (*Joined Mid-Meeting)*
Vice-Chair: Brad Simmons, P.E., Cochise County Civil Engineer
Member: Sharon Flissar, P.E., Director Public Works, City of Sierra Vista
Member: Matt McLachlan, Dir. Community Development, City Sierra Vista
Member: Jing Luo, P.E., City of Sierra Vista Engineer
Member: Jim Halterman, Town of Huachuca City, Public Works Supervisor
Alternate Member: Jim Johnson, Ph.D, CBO,CCI; Building Official
Member: Jackie Watkins, P.E., Cochise County Engineer *(Joined Mid-Meeting)*
Alternative Member: Valerie Fuller, Cochise County
Member: Mark Hoffman, Arizona Department of Transportation/Multi-Modal Division

SVMPO TAC MEMBERS ABSENT:

STAFF:
SVMPO Administrator: Karen L. Lamberton, AICP

OTHERS PRESENT (all present virtually)
Jeremy Moore, ADOT Assistant District Engineer
Chris Joannes, Kimley-Horn Consultant Team
Dale Miller, Rick Engineering Company

1. CALL TO ORDER AND ROLL CALL

Vice-Chair Simmons called the meeting to order at 10:05 a.m. Roll call was taken, and a quorum was in place.

2. ACCEPTANCE OF THE AGENDA

The TAC reviewed the Agenda, and Vice-Chair Simmons asked for a motion to accept the Agenda of January 27, 2021. A Motion was made to accept the Agenda, as presented, by Member Hoffman; seconded by Member Luo, and the motion unanimously passed.

MOTION: Member Hoffman
SECOND: Member Luo
ACTION: PASSED UNANIMOUSLY 7/0

3. CALL TO THE PUBLIC

This is the time set aside for the public to comment. Members of the Board may not discuss items that are not specifically identified on the agenda. Therefore, pursuant to A.R.S. § 38-431.01 (H) action taken as a result of public comment is limited to directing staff to study the matter, responding to any criticism or scheduling the matter for further consideration and decision at a later date.

No attendees of the public indicated they wished to address the TAC at this time.

4. APPROVAL OF MEETING MINUTES

Vice-Chair Simmons asked members if they had any comments or corrections on the January meeting minutes. Hearing none, Member Hoffman moved to accept the meeting minutes for the TAC Regular Meeting of January 27, 2021; Member Luo seconded, and the motion unanimously passed. *(Member Watkins joined meeting during this item)*

MOTION: Member Hoffman
SECOND: Member Luo
ACTION: PASSED UNANIMOUSLY 8/0

NEW BUSINESS: PRESENTATION/DISCUSSION/POSSIBLE ACTION

5. FY22 TITLE VI PLAN (Preliminary Draft)

The SVMPO Administrator briefed the TAC on the preliminary draft of the FY22 Title VI Plan. This mandated reginal plan informs the public outreach requirements for regional plans, programs and activities. The TAC discussed the figures presented on the lack of internet and computers within the region; questioning the data on that information. The Administrator noted that the Mayor of the City of Sierra Vista has no personal computer in his own household. The majority of no internet service is located in the north of the region, and the data presented reflects just the SVMPO, not the entire County as a whole. The information is derived from the American Community Survey (which also does ask about Smart Phones, Laptops and other virtually connected devices).

Member Luo recommends that as this is a policy document to simply forward it to the Board for approval rather than take formal TAC action on this item. Vice-Chair Simmons concurred, and consensus among other TAC members was to support moving the item forward to the Board for formal action. The SVMPO Administrator advised she would re-check the data sources as part of

finalizing this document for Board action. It is expected to be brought forward to the Board on March 31st. *(Chair Jones joined meeting during this item)*

This was an information and discussion item. No action was taken on this item by agreement of the TAC.

6. SVMPO 2050 LONG-RANGE TRANSPORTATION PLAN UPDATE

The Long-Range Transportation Plan consultant team presented the results of modeled scenario runs. The seven presented scenarios were derived from the Travel Demand Model results from running the existing and future out-year (2050) models. Member McLachlan indicated interest, as did others on the TAC, in seeing the underlying base travel demand model results. The consultant team will be completing that chapter section and will send out to the SVMPO and TAC members. Of the scenarios presented, all had some effect on mitigating future congestion areas on the state highway system, some with more positive impacts than others. None had a dramatic impact on changing level of service on the local network, but some did have higher potential than others for opening up areas for future economic development or enhanced regional connections without use of the state highway system (currently the primary transportation spine of the MPO region system).

A preliminary project list, with planning level costs in 2021 dollars, was also presented for TAC reaction and comment. These reflect a combination of known County, City and Town transportation plans. Projects may be completed, or no longer desired and the TAC was asked to review and delete, add or update this list for the Long-Range Transportation Plan.

The TAC was asked to assist with outreach as not very many responses are hitting the virtual interactive map and survey that have been put up, accessible through the SVMPO website. Press Releases have also not gotten much play, given the dynamics of the news cycle at this time.

This was an information and discussion Item. The Administrator was directed to send to the TAC 1) draft statistics on the Travel Model transmitted when ready; 2) pending list in an editable format to the TAC for comments; 3) outreach handout with link.

<u>CONTINUING BUSINESS: PRESENTATION/DISCUSSION/POSSIBLE ACTION</u>

7. TRANSPORTATION IMPROVEMENT PROGRAM (TIP): 2021-2025 TIP/2022-2026 TIP

The TAC reviewed the SVMPO Ledger and discussed the project status of all active projects in FY20. A status update on SVMPO funded project activities was given by each of the member jurisdiction representatives:

- **Adaptive Signal Control:** This project has been installed. The physical work is now completed, the only remaining task item on this project is setting up training for staff. This is expected to be fully closed-out soon.. Complements were expressed to ADOT's PM, Trish Brown, whose assistance was invaluable to getting this project to completion.
- **Emergency Pre-Emption Signal Project:** This project has been fully installed. The contractor has also come out and installed an additional warning light that allows approaching emergency vehicles to know what phase the signal is in (yellow/red). Complements were paid to the contractor team and the ADOT inspectors for their

assistances. The HURF Exchange project paperwork is in the process of close-out at this time.

- **LIDAR flight:** The flight is completed and final invoicing against the transferred STBG funds has been made. Flight data is still on target for release in August/summer of 2021.
- **Transit activities:** Increase in passengers is reported, Vista Transit still following the FTA COVID protocols which means only two paratransit passengers at a time in their vans. They have ordered a new bus and are looking at the addition of two more vans with funds now available as part of the transit COVID relief funds.

North Garden/Fry Blvd Project:
The City of Sierra Vista stated that they were in receipt of the 100% design plans for the North Garden/Fry Blvd Design. The Administrator noted that the schedule for this project received a one-time extension, moving final construction close-out to July 27, 2022. Concern over the schedule was noted as previous estimates stated an 18-month construction schedule. It was emphasized by Member Hoffman, ADOT Multi-Modal Division, that construction obligation must occur within FY21. The City was advised that they needed to remain in very close communication with the HURF Exchange Division on the timeline and fully understand all the paperwork involved both in obligating the construction funds and also on the close-out side of the project.

City staff indicated they understood the schedule but felt that as they were at 100% design that they could go to bid very soon on this project and would meet the deadlines for obligating the funds and for completing construction of the scoped project. The MPO Administrator reiterated that this was a City project, but as it fell under the regional funding transfer to the State, the MPO needed to be kept in the loop on the progress so that we did not miss deadlines. It was also noted that if obligation was not met the chances of being able to move this level of funding late in the fiscal year and recover it back was slim to none. The Administrator offered her assistance if the City might have any questions about the HURF Exchange Process. She encouraged expediting the bid process as much as possible, given the tightening timelines and the fact that our experience with the Town's HURF Exchange project, final close-out takes about a month (inspections, punch-list, final approval letters, final invoicing and documentation).

Doc Johnson, Town of Huachuca City, noted that their close-out of their HURF Exchange project took about 3 to 4 weeks. The Town found Jennifer Henderson, ADOT's HURF Exchange PM, to be very helpful. He also noted that the project lost time related to delays in equipment supplies and advised that the City should be proactive with making sure that the contractor ordered all materials as quickly as possible as some items, that used to be readily available, turned out to take longer than was expected to be delivered. This caused unexpected delays in the project (although the contractor took action to ensure the pre-emption signal was lit up as per the expected schedule by use of a temporary cabinet).

Both the SVMPO Administrator and ADOT member Hoffman reiterated the importance of obligating the construction funds as quickly as possible, and to let ADOT know as soon as possible if any delays might occur related to the funding approvals. Given the City's assurance that they were on schedule for obligating those funds by June of this year, no action was requested to be taken by the TAC to shift the committed construction funds to FY22 at this time.

FY22-FY26 Preliminary Draft TIP:

The SVMPO Administrator also briefed the TAC members on the pending TIP for the next five years, tentatively set for adoption by the Board in June of this year. SVMPO currently receives $398,555 annually in apportionments/$378,229 annually in available Obligation Authority (OA). Obligation Authority is the actual dollar amount that may be programmed to be spent in any given year. Available funds are expected to grow to a potential of $2,388 in apportionments /$1,2286 in available Obligation Authority by FFY2026.

Administrator noted several potential strategies to maximize use of the SVMPO STBG funds which could potentially include:

- Continue to use STBG funds to cover the Obligation Authority costs of other federal fund sources in our region's Work Program;
- Shift STBG funds over to Work Program planning projects in order to develop construction ready projects e.g. Theater Drive, Highway 90 Corridor Study project;
- Partner with other agencies like SEAGO or ADOT to help them overmatch on projects of regional significance within our region or within Cochise County (as a member jurisdiction of both the MPO/COG);
- Loan funds to the State or other MPO/COG's in a strategically planned schedule to pool sufficient funds for a construction project of regional need;
- Partner with ADOT on high priority safety and infrastructure improvement needs with in the region on Highway needs by sharing regional funds with them towards those unfunded needs

It was noted that, at this time, the SVMPO has received no response from any member jurisdiction on TIP Call for Projects. As a result, at this time the pending five-year TIP is showing no projects, beyond the likelihood of using the option to shift the Obligation Authority costs for the Work Program funds onto FY22. Mandated outreach for the TIP will be occurring concurrently with the Long-Range Transportation Plan effort.

Member Watkins noted that it looks like we might need to dust off some of the older plans, like the one for the BST project, and see what a logical next step with those might be already started efforts. Member McLachlan noted that the City was working on some potential TIP projects to submit and Member Luo added it does make some sense to take the time to see what comes out of the planning projects and then build up the funds in the TIP by loaning it out and take the time to fully develop a future project. TAC members noted the limitations in funding, and the need to build up, or partner with, other agencies or jurisdictions to fully fund a substantive regional project.

Member McLachlan noted that it would be valuable for the TAC to develop criteria for selection of projects of the limited TIP funding. TAC members discussed and seemed to agree that consensus of the goals and objectives, taking into account the Board approved priorities as part of the Call for TIP Projects, are worth a longer discussion among the TAC members. The SVMPO Administrator concurred and stated this is very important when there is high competition for projects: the SVMPO, as a new MPO, had not yet reached the point where multiple projects were on the table yet for discussion. She noted that SEAGO tends to start with a basic Call for Projects, then from those top priorities brought in with fuller descriptions, even to the level of mini-DCR's and

presentations, and then selections made. Developing this process in advance of a competitive process would be worth a follow-up discussion on in a future TAC meeting.

This was an information and discussion item. No action was taken on this item.

8. ACTIVE WORK PROGRAM TASKS: FY21

The SVMPO Administrator provided a brief overview of active Work Program tasks that are currently underway. These included:

- **Short-Range Transit Plan:** This plan has developed preliminary drafts of the first four chapters, which are under review by the Vista Transit TAC and the MPO. Outreach is being set up at the Vista Transit Center, which will include hard-copy surveys to be handed out by drivers on the buses. This project is on schedule for completion and possible adoption by the Board in May.
- **Town of Huachuca City Roadway Inventory & Assessment:** The short title on this one is called the HC Roadway Study. Doc Johnson stated that a lot of great work had already been accomplished and the Town was looking at preliminary data collected by the consultant team (Rick Engineering). This project is on schedule at this time and was scoped to produce one or two projects appropriate for consideration for regional construction funding in a future TIP.
- **FY22/FY23 Work Program and Annual Budget status:** The next two-year Work Program is being developed for Board adoption in June of this year. A meeting with FHWA/FTA is set for March 30th to ensure the draft plan meets with required federal regulations and eligible projects. The scale of the work will be less than what was seen in the last Work Program because we have initiated two major high-cost planning projects this fiscal year: the Long-Range Transportation Plan and Short-Range Transit Plan.

This was an information item. No action was taken.

<u>INFORMATIONAL ITEMS/DIRECTION TO SVMPO ADMINISTRATOR MAY BE GIVEN</u>

9. SOUTHCENTRAL DISTRICT REPORT

Member Hoffman, ADOT, reminded the TAC that STBG funds can be shifted for use for authorized and egiable Work Program activities but it does not work the other way around: Work Program funds cannot be shifted back into construction/TIP projects. He also stated that the State Transportation Board would meet on March 19th, April 16th and May 21st with Public Hearings related to the ADOT draft 5-year construction plan (FY22-FY26). This plan is posted on the ADOT website and comments are welcomed.

SouthCentral District had no report at this time.

This was an information item. No action was taken.

10. JURISDICTION PROJECT UPDATES & ANNOUNCEMENTS

No TAC Members had anything specific related to their jurisdictions to share at this time.

This was an information item. No action was taken.

11. UPCOMING SCHEDULED MEETINGS and ADMINISTRATOR'S REPORT

FHWA/FTA/ADOT review of draft SVMPO FY22/FY23 Work Program: March 30, 2021
SVMPO Board Meeting: March 31, 2021 at 2:30 p.m. SV City Managers Conference Room
Possible Joint Jurisdiction Work Session : April 14th -April 15th.
BPAC Mtg: May 4, 2021 at 10 a.m. Public Works Training Room or Virtually/Telephonic

The SVMPO Administrator noted briefly for the TAC the following items:

- The 2020 Census population numbers have not yet been released: currently projected to be released in April of 2021.
- The Office of Management and Budget has posted for public comment a recommendation that urbanized area thresholds, for the purposes of mandating the development of MPO's, be raised from 50,000 to 100,000. In addition, the Bureau of the Census is expecting to release for public comments changes in how urban areas (currently known as urbanizing zone areas (UZA's) are defined. Thresholds are being raised, new definitions of what is considered to be connected are also being considered. There is no guidance at all on the impact on existing MPO's that may fall below the new thresholds.
- The SVMPO Board elected Mayor Wallace, Huachuca City, as the SVMPO Vice-Chair and Supervisor Peggy Judd is taking the vacated seat of Mr. Borer as a regular member of the Board.

This was an information item. No action was taken.

12. FUTURE AGENDA ITEMS

The next TAC meeting is scheduled for **May 12, 2021 at 10:00 a.m.** Preliminary FY22/FY23 Work Program will be discussed; Preliminary final chapters for both the Long-Range Transportation plan and Short-Range Transit plan are expected to be distributed for review and discussion.

TAC member jurisdiction assistance with LRTP outreach is also likely to occur during the month of April. There is currently a tentatively planned joint Work Session with all member jurisdictions in mid-April 2021 (possible April 14th or 15th) on the long-range transportation planning effort. It is not yet known if, or how, this joint Work Session may occur, but TAC members were asked to block these days on their schedules for a tentative meeting with the Board and/or their own member jurisdiction elected officials.

This was an informational item. No action was taken.

The SVMPO Administrator noted that she had requested a meeting with ADOT on Traffic Counts and the potential of auto-collection of data, and would follow up with the TAC on potential dates.

13. ADJOURNMENT

Hearing no further questions or comments, by general consensus, Chair Jones adjourned the meeting at 12:03 p.m.

Sierra Vista Metropolitan Planning Organization
Memorandum

To: SVMPO TAC

From: Karen L. Lamberton, AICP, SVMPO Administrator

Date: May 12, 2021

Subject: Work Program for Fiscal Year 2022 and 2023

The SVMPO Executive Board adopts an annual Work Program that guides the activities and funding of the MPO for each fiscal year. The SVMPO Work Program is required to cover two years (FY22 & FY23). The Work Program should ensure that the mandated MPO documents are prepared and approved per FHWA and FTA requirements, should include projected revenues and estimated costs; should provide a proposed schedule for planned activities and provide guidance to the SVMPO Administrator as priorities for the activities for the MPO.

Nine specific work elements have been identified to meet the MPO requirements, as set forth in the SVMPO JPA with ADOT. These nine work elements are unchanged from the last Work Program. The most significant work activities that the SVMPO will be undertaking will be the completion of the 2050 Long-Range Transportation Plan. Other activities have also been identified to accomplish several activities of interest to the member jurisdictions. Plans and studies in the Work Program lead to prioritized design, right-of-way or construction projects in the regional Transportation Improvement Program.

The FY22 Work Program Budget is estimated to be $430,824. The FY23 Work Program Budget is estimated to be $368,848. In addition, the SVMPO receives $378,229 annually in STBG funds that can be applied to eligible work activities. The proposed SVMPO work budget provides for the equivalent of two FTE staff positions towards SVMPO operating and planning activities.

This is a preliminary work program and budget based on estimated revenues and expenditures. Amendments may be brought forward throughout the planning period to adjust to changes in carry-forward amounts, federal or state appropriations or adjustments to specific project activities.

FHWA, FTA and ADOT reviewed the preliminary draft on March 31, 2021 with SVMPO staff and have conditionally approved the work elements and budget. After the Board's input, this Work Program will be forwarded to ADOT, FHWA and FTA for their FY22/FY23 budgeting cycle.

Attachments: Final Draft FY22 & FY23 Work Program Work Activities. *The current Work Program and Budget is available on the svmpo.org website.*

Action Requested: A motion to forward the FY22/FY23 Work Program & Budget to the SVMPO for approval.

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION
FY22 & 23 WORK PROGRAM ACTIVITIES

DRAFT

The Sierra Vista Metropolitan Planning Organization, known as the SVMPO, is the Federal and State designated Regional Transportation Planning Organization for the southwestern portion of Cochise County, located in southeast Arizona. The SVMPO receives both Federal Highway Administration and Federal Transit Administration funds through agreements with Arizona Department of Transportation (ADOT). The Work Program identifies planning activities, projects and resources for the SVMPO for the next fiscal year(s).

TASK 1 – ADMINISTRATION

WORK PROGRAM TASKS: ADMINISTRATION
Develop, monitor, amend and execute the annual Unified Work Program, which guides the overall activities of the SVMPO.
Execute the annual Joint Project Agreement between ADOT and the SVMPO, and process amendments to the JPA, as required or needful.
Provide staffing support to the Board of Directors, to include timely notification of public meetings and/or hearings, preparation of meeting agendas and completion/posting of SVMPO Board meeting minutes.
Provide staffing support to the SVMPO Technical Advisory Committee to include timely notification of public meetings, preparation of meeting agendas and completion/posting meeting minutes.
Prepare a consolidated SVMPO budget, prepare and submit regular reimbursements to the State by funding source as well as track both Cash and In-Kind match contributions, as per approved Jurisdiction Agreements.
Maintain records of SVMPO revenues and expenditures, maintain financial records adequate for periodic audit, prepare and disclose financial summaries of the SVMPO.
Submit financial and contract compliance information, as required or requested, including BECO, Local Public Agency (LPA) DBE compliance documentation.
Monitor On-Call Professional List for compliance with regulatory changes; prepare for re-issue or extensions with any needed regulatory updates or revisions by December 2022.
Provide opportunities for SVMPO staff, Board of Directors and Committee members to attend relevant meetings, workshops, and conferences, in-state and out of state, to form key networking relationships with partner jurisdictions and agencies, to stay current on best practices related to regional transportation and land use, and to increase the skill-sets of transportation professionals within the region.
Continue to develop, complete and maintain a Standard Operating Procedures (SOP) for the administration of the SVMPO.
Identify and obtain necessary capital expenditures for the orderly and effective operation of the SVMPO (Capital Expenditures are purchases over $5,000).

TASK 2 – TRANSPORTATION SYSTEMS DATA AND MONITORING

WORK PROGRAM TASKS: TRANSPORTATION SYSTEMS DATA AND MONITORING
Coordinate with local jurisdictions and ADOT the ongoing effort to gather, report and upload traffic and multimodal (bicycle/pedestrian) counts into web-based databases.
Coordinate with local jurisdictions to collect performance data, selecting and reporting performance targets, and reporting system performance related to those targets.
Support the collection of demographic and socio-economic data. Coordinate, as needed, with the State's Demographer on annual population estimates and projections.

DRAFT

Coordinate with FHWA, ADOT and local jurisdictions updates to the Federal Functionally Classified roadway system maps, Geographic Information System (GIS) shape file layers, and request for changes.
Assist, as appropriate, local jurisdictions on analysis of Census 2020 data, when released in late Spring 2021.
Update the SVMPO employment database for use in regional transportation modeling, Census outreach and public data sources e.g. MAG Employment Viewer.
Transmit completed SVMPO region transportation modeling datasets (updated to current conditions) in coordination with ADOT, member jurisdictions and consultant services. Coordinate with MAG and Fort staff on updated data transmittal.
Participate and support the Sun Cloud data portal project, in coordination with other agencies within the identified Sun Corridor. Participate in the development, transmittal and adoption of any appropriate SVMPO-MAG Agreement for this grant program, funding by a FHWA Innovation Grant.
Support regional mapping efforts to update LIDAR, or other orthophotography tools, that provide critical data for regional transportation planning efforts.

TASK 3 – LONG-RANGE TRANSPORTATION PLAN (LRTP)

WORK PROGRAM TASKS: LONG-RANGE TRANSPORTATION PLAN (LRTP)
Continue to complete the full Scope of Work on the 2050 LRTP Update, including final draft posting to the SVMPO Website, public presentation materials and handouts, presentation boards for use throughout the planning period.
Finalize, with awarded consultant team, update to traffic modeling datasets, transportation model, needs assessment, and fiscal constrained recommendations.
Coordinate with the awarded consultant team, public involvement activities, in keeping with the adopted Public Participation Plan, to both inform and engage area residents of the final 2050 LRTP project recommendations and activities for the future regional transportation network.
Transmit and embed the finalized LRTP financial plan that includes projected revenues, estimated costs and potential sources of funding for proposed projects, into member jurisdiction budgets and ensure consistency with other regional reports and budgets.
Involve the SVMPO Technical Advisory Committee and the Board of Directors in review, finalization and adoption of a LRTP by December 2021.
In partnership with the member jurisdictions, implement recommendations of the SVMPO 2020-2050 Long-Range Transportation Update, including staging up the highest near-term projects, for the regional Transportation Improvement Program funding, other grant or funding opportunities and in member jurisdiction transportation and multi-modal plans.

TASK 4 – TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

WORK PROGRAM TASKS: TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
Monitor progress on current and future TIP Projects: Provide regular updates to the SVMPO's Board and Committees on the status of the TIP.
Develop annual five-year TIP updates, in partnership with Vista Transit, the SVMPO TAC and the Board of Directors. Coordinate with ADOT for FHWA/FTA approvals.
Process amendments to the TIP as they become necessary throughout the year.
Provide reasonable public notice periods of pending TIP Adoptions and Amendments.
Execute financial documents, including loans, to ensure adequate funding for approved projects in their implementation year.

DRAFT

Identify safety projects eligible for the Highway Safety Improvement Program, or other funding sources, and support member jurisdiction applications for funding, monitor awarded projects in the TIP to ensure adequate and available funding in the implementation year.
Identify bridge projects eligible for the Off-System Bridge funds, or other funding sources, support member jurisdiction applications for funding, monitor awarded projects in the TIP to ensure adequate and available funding in the implementation year.

TASK 5 – COORDINATED PUBLIC TRANSIT PLANNING

WORK PROGRAM TASKS: COORDINATED PUBLIC TRANSIT PLANNING
Coordinate and promote cooperation across transit agencies in the region. Facilitate discussions on regional transit needs and possible solutions; seek and support funding opportunities to implement regionally supported transit goals.
Coordinate with FTA, ADOT and Vista Transit to identify, and meet, eligibility requirements for transit related grants. Provide support letters, when appropriate, to grant applications submitted in behalf of transit activities in the SVMPO region.
Prepare, monitor and amend the Transit Improvement Program (Transit TIP) through-out the year to be consistent with Transit goals, available funding and new grant awards.
Provide support and data to the **SEAGO Transportation Coordination Plan** efforts.
Provide support to the **Cochise County Public Transit Consolidation Feasibility Study**, a 5305 grant award through SEAGO. *$80,000 total/$16,000 match*
Support the Arizona Transit Advocacy (AzTA) organization efforts to identify and prioritize transit funding for dependent and transit choice riders.
Continue to complete the full Scope of Work on the Short-Range Transit Plan, including final adopted version posting to the SVMPO website, public presentation materials and handouts, presentation boards for use throughout the planning period.
Coordinate with Vista Transit the completion of identified Vista Transit policies and procedures from the ADOT PTSP Safety planning effort by December of 2021.
Provide support for a Feasibility and Implementation Plan to investigate the potential for a 5311 Town of Huachuca City transit system, coordinated with the Vista Transit system.
Prepare, in partnership with FTA and Vista Transit, updates to FTA Assurances and Certifications required to be processed at the regional level, and fully execute and transmit to all required agencies.
Participate and support the rural transportation incubator initiative in partnership with MAG and other transit organizations.

TASK 6 – ALTERNATIVE TRANSPORTATION SYSTEMS PLANNING

WORK PROGRAM TASKS: ALTERNATIVE TRANSPORTATION SYSTEMS PLANNING
Provide staffing support to the SVMPO Bicycle/Pedestrian Advisory SubCommittee, to include timely notification of public meetings, preparation of meeting agendas and completion/posting meeting minutes.
Coordinate with federal, state and local agencies, non-profits, commercial ventures and advocacy groups to identify, prioritize and implement infrastructure improvements that support and encourage active living opportunities through-out the region.
Participate in the statewide planning process to support improved bicycle and pedestrian infrastructure in the SVMPO region.

DRAFT

Coordinate with member jurisdictions to implement the alternative mode activities and projects prioritized in the regional and member jurisdiction long-range and general plans.
Provide support to Safe Routes to School plans and activities throughout the SVMPO region.
Assist member jurisdictions and agencies with local trail, trail-head and trail connection planning. Support opportunities to preserve or develop pedestrian connections to public lands, parks or schools through the regional planning and funding processes.
Support state, regional and local educational and training opportunities to promote safe driving, bicycling and walking modes of travel.
Distribute state and local jurisdictions materials and maps related to bicycle routes, walking paths and recreational area access.
Develop and/or coordinate with health-related agencies to provide a regional workshop related to health and active living transportation connections.
Support the development and implementation of Aviation Master Plans and identified aviation studies, programs or projects.
Partner with member jurisdictions to support infrastructure improvements to general aviation airport access routes.
Coordinate with state and local jurisdictions on facilitation of Freight and Goods Movement to and through the region with data sharing, support of appropriate infrastructure grants and projects, participation in regionally significant border or Ports of Entry studies.

TASK 7 – REGIONAL PLANNING

WORK PROGRAM TASKS: REGIONAL PLANNING
Initiate or participate in regionally scaled studies that analyze data and provide professional expertise on transportation issues of regional significance.
Provide support to ADOT to monitor, maintain and develop the state transportation system in coordination with the local roadway network throughout the SVMPO region.
Initiate and/or participate in corridor or sub-area plans supporting regional connectivity or member jurisdictions longer-range land use plans.
Continue to complete the full Scope of Work on the Huachuca City Roadway Inventory and Assessment project, including presentations to the Town Council in Work Sessions, to Town Council and the SVMPO Board. Ensure results are incorporated into the 2050 Long-Range Transportation Plan recommendations.
Finalize and release the Scope of Work for a joint City/County Inventory and Assessment for Theater Drive, assessing right-of-way, stormwater, access and enhancements to this residential/commercial corridor.
Develop a Scope of Work and solicit consultant services to provide a Highway 90 corridor study through the Town of Huachuca City, looking at Main Street concepts, enhancements to multi-model transportation circulation and safety improvements through the Town and to the approach of the City of Sierra Vista.
Support and encourage efficiencies to routine maintenance activities on roadway and alternative mode systems in order to enhance safety, traveler experience and ease of communication between users and local agency Public Works Depts.

TASK 8 – SPECIAL PROJECT PLANNING

WORK PROGRAM TASKS
Monitor crash data and participate in updates to state-wide and regional safety plans.

DRAFT

Consider annual safety targets, present current safety data and state-adopted safety targets for modification or adoption by the SVMPO Executive Board.
Provide support to member jurisdiction community health initiatives, in particular to those related to maintaining healthy communities in order to encourage economic vitality and development.
Support stormwater data and modeling efforts related to existing or future transportation corridors, to include updating FEMA mapping.

TASK 9 – PUBLIC INVOLVEMENT AND OUTREACH

WORK PROGRAM TASKS: PUBLIC INVOLVEMENT AND OUTREACH
Manage and continually update the SVMPO website to provide a virtual presence for mandated postings, public access to meeting information and minutes, source of regional transportation data, maps and projects as well as a tool for soliciting and receiving input from residents and travelers in the SVMPO area.
Implement policies and strategies of the adopted Public Participation Plan throughout SVMPO activities and planning processes.
Complete and transmit for approval the annual Title VI, Environmental Justice and Limited English Proficiency plan to ADOT's Civil Rights Division.
Complete, transmit and post the Title VI Plan annual report to ADOT's Civil Rights Division.
Implement policies and strategies of the adopted Title VI Plan throughout SVMPO activities and planning processes.
Provide maps, plans, studies, reports and other materials for public distribution.
Complete and transmit/post a SVMPO Newsletter on a regular basis, ideally quarterly.
Provide presentations to local service groups, organizations, schools and elected officials about SVMPO regional transportation activities, upon request.
Develop and provide information to the public regarding transportation-related issues to enhance understanding of regional transportation issues of concern including maintenance, funding needs and resources, and safety.

Potential Conferences (*tentative* Staff, TAC or Board attendance)
Conferences must be included to be eligible for reimbursement, but inclusion does not create a requirement to attend. Many factors go into a decision for attendance at any given conference including regional significance, value added to the region for funding opportunities, networking to enhance coordination on MPO activities that potentially will save both time and funds, raising the level of expertise within the region on transportation issues etc. The MPO provides registration support to member jurisdictions for TAC and Board members and their designated alternate, to attend relevant conferences. Full support is provided to SVMPO staff to attend relevant in and out of state conferences.

- AMPO Annual Conference, Oct 5-8. 2021/ Scottsdale Resort; Fall 2022
- American Planning Association (APA) National Conference: April 30-May 3, 2022, San Diego, CA; April 1-4, 2023; Philadelphia, Pennsylvania
- Arizona Public Works Association Conference, Aug. 4-6, 2021 Tucson/Virtual; Fall 2022
- Arizona Transit Conference, Nov. 15-19, 2021/Phoenix/Virtual; Fall 2022

DRAFT

- Arizona Planning Association (AZPA) Western States Joint Conference, Aug 22-25, 2021/Marriott in Paradise Valley; Aug. 24-26, 2022, Paradise Valley, AZ
- Every-Day Counts FHWA Regional Summit
- Land Law Workshop; early summer 2021, 2022 (*may cover registration for member jurisdiction legal counsel*)
- International Conference on Ecology and Transportation (ICOET)
- Roads and Streets, Tucson, Oct. 6-8, 2021/El Conquistador, Tucson; April 2022
- Rural Summit, Oct 2021/Harrah's Ak-Chin Hotel in Maricopa.AZ; Oct. 2022
- Western States Planning Conference: Fall of 2022

* Many conferences continue to be cancelled and/or rescheduled from these previously set dates due to COVID precautions. Others are being converted into virtual only conferences or opportunities for shorter workshop sessions.

Amendment Required: if a work element is added or deleted; if a significant change occurs in the scope of a work element, if a work element funding increase occurs, or if changes occur transferring funds/tasks between work elements.

For More Information about SVMPO activities, please contact the SVMPO Administrator, Karen L. Lamberton, AICP. She can be reached at 520-515-8525 or Karen.Lamberton@SierraVistaAZ.gov

The current SVMPO Work Program is available on the SVMPO website at www. svmpo.org

23 U.S.C. 134

Required elements of the MPO…shall provide for consideration of projects and strategies that:

(A) Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
(B) Increase the safety of the transportation system for motorized and nonmotorized users;
(C) Increase the security of the transportation system for motorized and nonmotorized users;
(D) Increase the accessibility and mobility of people and for freight;
(E) Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
(F) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
(G) Promote efficient system management and operation;
(H) Emphasize the preservation of the existing transportation system;
(I) Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
(J) Enhance travel and tourism.:
K) Transition to Performance-Based Planning and Programming
L) Models of Regional Cooperation
M) Ladders of Opportunities.

Sierra Vista Metropolitan Planning Organization
Memorandum

To: SVMPO TAC

From: Karen L. Lamberton, AICP, SVMPO Administrator

Date: May 12, 2021

Subject: Transportation Improvement Program (TIP): 2022-2026

The SVMPO Board adopted the latest version of the TIP on June 18, 2020, which set out the region's construction program, using State Transportation Block Grant (STBG) funds. The 2021-2025 TIP was adopted by FHWA on February 2, 2021.

FFY2021-2025 TIP Active Project Reports
The status of the current active TIP projects will be briefed by the Administrator and/or member jurisdictions.

- Adaptive Signal Control project is fully obligated and continues to move forward, with training on purchased software pending.
- The City's HURF Exchange project for the West End (North Garden/Fry Blvd.) is out for bid and a request for obligation of construction funds submitted on April 29, 2021.
- Vista Transit bus replacements have been ordered.
- Huachuca City's HURF Exchange Project for the Emergency Pre-Emption Signal is complete and closed out.
- Cochise County's LIDAR Flight STBG funding partnership is completed and closed out. Flight data will continue to be released in phases throughout the year.

FFY2026 Potential Balance of Available State Transportation Block Grant (STBG) Funds
SVMPO currently receives $398,555 annually in apportionments/$378,229 annually in available Obligation Authority (OA). Obligation Authority is the actual dollar amount that may be programmed to be spent in any given year. Available funds are expected to grow to a potential of $2,168,392 in apportionments/$2,066 in available Obligation Authority by FFY2026.

Based on the TAC's March TIP discussion, and the limited funds available in the next fiscal year, the TAC determined that effective strategies in the near-term should likely include:

- Use of STBG funds to cover the Obligation Authority costs of other federal fund sources in our region's Work Program;
- Strategically shift STBG funds over to Work Program planning projects in order to develop potential regional construction projects e.g. Theater Drive Assessment, Highway 90 Corridor

Study project, Signal Timing Study;

- Loan funds to the State or other MPO/COG's in a strategically planned schedule to pool sufficient funds for a construction project of future regional need;
- Wait to fully program the TIP until the prioritized recommendations of the three studies (Long-Range Transportation Plan, Short-Range Transit Plan and Huachuca City Roadway Inventory and Assessment) are completed. These three studies are anticipated to be completed about the time the federal fiscal year appropriations are identified in the Fall.

At the last TAC meeting, TAC members indicated that they felt there will be more certainty of available funds by the end of the FFY21 and regionally prioritized projects could then be strategically scheduled in the TIP in the Spring of 2022. The SVMPO Administrator fully concurs with this approach and is developing the 2022-2026 TIP with these strategies noted in this memo.

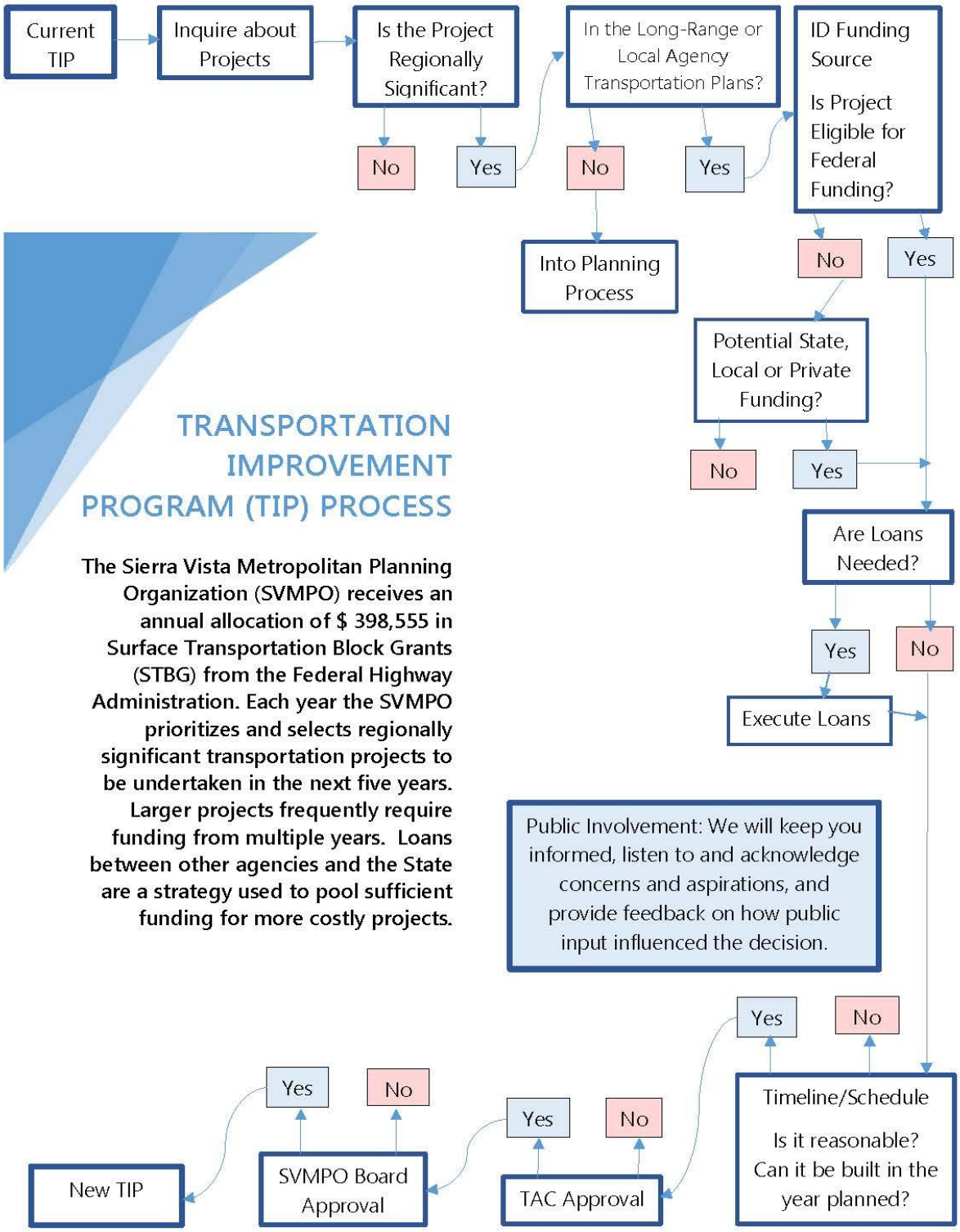
Coordination with Vista Transit, the City's Finance Dept. and the Short-Range Transit consultant team developed the transit TIP projects to absorb previously unobligated FTA funds and newly available 5307 CARES ACT funding support for local transit system.

The 2022-2026 TIP is expected to be completed for posting for review by the public, member jurisdictions, and the SVMPO committees by end of May 2021. Press releases on this, and other studies tentatively set for Board consideration, are being developed for possible publication in the last week of May. The 2022-2026 TIP will be finalized for consideration for adoption in June 2021.

Attachments: TIP Project Selection Flow Chart; Preliminary draft SVMPO STBG Ledger 2022-2026; Preliminary draft SVMPO 2022-2026 TIP Project

Action Requested: This is an information and potential discussion item.

SVMPO TIP PROJECT FLOW CHART
PROJECT SELECTION



TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROCESS

The Sierra Vista Metropolitan Planning Organization (SVMPO) receives an annual allocation of $ 398,555 in Surface Transportation Block Grants (STBG) from the Federal Highway Administration. Each year the SVMPO prioritizes and selects regionally significant transportation projects to be undertaken in the next five years. Larger projects frequently require funding from multiple years. Loans between other agencies and the State are a strategy used to pool sufficient funding for more costly projects.

SVMPO STBG Ledger FY 2022-2026
6/24/2021 STBG LEDGER
SVMPO 2022-2026 TIP

	A	B	C	D	E	F	G	H
1								
2	**SVMPO STBG Ledger**	**Projected Fed Funds**					**Cumulative Balance**	
3	**Action**	**OA Rate**		**Apportionment**	**OA**		**Apportionment**	**OA**
31	**FY 2021 Balance**						**$86,591**	**$0.69**
32								
33								
34	**FY 2022 Allocation**	**94.9%**	*	$398,555	$378,229		$398,555	$378,229
35	Work Program OA Transfer				-$10,000		$388,555	$368,229
36	*STBF TRANSFER TO WP*				-$100,000		$288,555	$268,229
37								
38	**FY 2022 Balance**						$288,555	$268,229
39								
40	**FY 2023 Allocation**	**94.9%**	*	$398,555	$378,229		$687,110	$646,457
41	Repayment in from SEAGO			$395,617	$395,617		$1,082,727	$1,042,074
42	Work Program OA Transfer				-$10,000		$1,072,727	$1,032,074
43	*STBF TRANSFER TO WP*				-$100,000		$972,727	$932,074
44								
45	**FY 2023 Balance**						**$972,727**	**$932,074**
46								
47	**FY 2024 Allocation**	**94.9%**	*	$398,555	$378,229		$1,371,282	$1,310,303
48								
49	**FY 2024 Balance**						**$1,371,282**	**$1,310,303**
50								
51	**FY 2025 Allocation**	**94.9%**	*	$398,555	$378,229		$1,769,837	$1,688,532
52								
53	**FY 2025 Balance**						**$1,769,837**	**$1,688,532**
54								
55	**FY 2026 Allocation**	**94.9%**	*	$398,555	$378,229		$2,168,392	$2,066,760
56								
57								
58	**FY 2026 Balance**						**$2,168,392**	**$2,066,760**
59								

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION 2022-2026 TIP PROJECTS
APPROVED SVMPO EXECUTIVE BOARD:
APPROVED FHWA/FTA:

TIP ID PHASE SPONSOR OTHER ID	FUNC CLASS LENGTH EXISTINGLANES AFTERLANES	PROJECT NAME PROJECT LOCATION TYPE OF WORK PROJECT TOTAL COST						
				FY2022	FY2023	FY2024	FY2025	FY2026
		PLACEHOLDER FOR PROJECT						
SVT22-01		Transit Employee Training		FTA 5307	FTA 5307	FTA 5307	FTA 5307	FTA 5307
			FED	$4,000	$4,100	$4,200	$4,200	$4,200
Sierra Vista	VISTA TRANSIT	Capital	LOCAL	$1,000	$1,025	$1,050	$1,050	$1,050
ALI 11.7D.02		$15,375	FYTOTAL	$5,000	$5,125	$5,250	$5,250	$5,250
SVT22-02		Transit ADA Enhancements		5307 CARES ACT				
			FED	$93,614				
Sierra Vista	VISTA TRANSIT	Capital	LOCAL	$0				
ALI 11.7C.00		$93,614	FYTOTAL	$93,614				
SVT22-03		Transit ADA Enhancements		FTA 5307	FTA 5307	FTA 5307	FTA 5307	FTA 5307
			FED	$8,800	$81,200	$82,500	$84,100	$84,100
Sierra Vista	VISTA TRANSIT	Capital	LOCAL	$0	$20,300	$20,625	$21,025	$21,025
ALI 11.7C.00		$213,425	FYTOTAL	$8,800	$101,500	$103,125	$105,125	$105,125
SVT22-04		Vista Transit Operating		5307 CARES ACT	FTA 5307	FTA 5307	FTA 5307	FTA 5307
			FED	$918,496	$470,000	$475,000	$495,000	$500,000
Sierra Vista	VISTA TRANSIT	Operations	LOCAL	$0	$470,000	$475,000	$495,000	$500,000
ALI 30.09.01		$2,808,496	FYTOTAL	$918,496	$940,000	$950,000	$990,000	$1,000,000
SVT22-05		Vista Transit Operating		FTA 5307				
		COVID 19 Specialized Supplies	FED	$88,000				
Sierra Vista	VISTA TRANSIT	Operations	LOCAL	$0				
ALI 30.09.01		$88,000	FYTOTAL	$88,000				
SVT22-06		Preventative Maintenance		FTA 5307	FTA 5307	FTA 5307	FTA 5307	FTA 5307
			FED	$112,000	$112,000	$112,000	$112,000	$112,000
Sierra Vista	VISTA TRANSIT	Capital	LOCAL	$28,000	$28,000	$28,000	$28,000	$28,000
ALI 11.7A.00		$420,000	FYTOTAL	$140,000	$140,000	$140,000	$140,000	$140,000
SVT22-07		Bus Shelter/Stop Enhancement & Improvement		FTA 5307	FTA 5307	FTA 5307	FTA 5307	FTA 5307
			FED	$120,000	$432,000	$35,000	$20,000	$25,000
Sierra Vista	VISTA TRANSIT	Capital	LOCAL	$30,000	$108,000	$8,750	$5,000	$6,250
ALI 11.34.10		$733,750	FYTOTAL	$150,000	$540,000	$43,750	$25,000	$31,250

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION 2022-2026 TIP PROJECTS
APPROVED SVMPO EXECUTIVE BOARD:
APPROVED FHWA/FTA:

TIP ID PHASE SPONSOR OTHER ID	FUNC CLASS LENGTH EXISTINGLANES AFTERLANES	PROJECT NAME PROJECT LOCATION TYPE OF WORK PROJECT TOTAL COST						
				FY2022	FY2023	FY2024	FY2025	FY2026
SVT22-08		Replacement Buses		FTA 5307	FTA 5307	FTA 5307	FTA 5307	FTA 5307
	VISTA TRANSIT		FED	$300,000	$125,000	$130,000	$132,000	$132,000
Sierra Vista		Capital	LOCAL	$0	$31,250	$32,500	$33,000	$33,000
ALI 11.12.04		$618,750	FYTOTAL	$300,000	$156,250	$162,500	$165,000	$165,000
SVT22-09		Replacement Wheelchair Van		FTA 5307				
	VISTA TRANSIT		FED	$65,000				
Sierra Vista		Capital	LOCAL	$0				
ALI 11.42.11		$65,000	FYTOTAL	$65,000				
SVT22-10		Cashless Ticket System		FTA 5307				
	VISTA TRANSIT		FED	$150,000				
Sierra Vista		Capital	LOCAL	$0				
ALI 11.32.07		$150,000	FYTOTAL	$150,000				
SVT22-11		Security Cameras Upgrade		FTA 5307				
	VISTA TRANSIT		FED	$17,600				
Sierra Vista		Capital	LOCAL	$4,400				
ALI 11.32.07		$22,000	FYTOTAL	$22,000				
SVT22-12		Transit Enhancements		FTA 5307/5339	FTA5307/5339	FTA5307/5339	FTA5307/5339	FTA5307/5339
	VISTA TRANSIT	*Vehicle Related Equipment/Faclities*	FED	$2,629,419	$400,000	$400,000	$400,000	$400,000
Sierra Vista		Capital	LOCAL	$657,355	$10,000	$10,000	$10,000	$10,000
ALI 11.93.05		$4,106,774	FYTOTAL	$3,286,774	$410,000	$410,000	$410,000	$410,000
SVT22-13		Transit Facility Improvements		FTA 5307				
	VISTA TRANSIT		FED	$80,000				
Sierra Vista		Capital	LOCAL	$20,000				
ALI 11.34.02		$100,000	FYTOTAL	$100,000				
FUNDING OBLIGATED IN 2021								
SVMPO18-01	Minor Arterial	North Garden/Fry Blvd. Phase 1		HURF Exchange				
Construction	0.65 Miles	Fry Blvd. between N. Garden Ave. and 7th St; N. Garden Ave. between Fry Blvd and Buffalo Soldier Trail	STATE	$2,396,422				
Sierra Vista	5	Construction	LOCAL	$0				
T0182 01D	3	$2,396,422	FYTOTAL	$2,396,422				

Sierra Vista Metropolitan Planning Organization
Memorandum

To: SVMPO TAC

From: Karen L. Lamberton, AICP, SVMPO Administrator

Date: May 12, 2021

Subject: Short-Range Transit Plan Update

The SVMPO Administrator will brief TAC members on the status of the Short-Range Transit Plan update. This plan is a Federal Transit Administration (FTA) requirement for transit funding. These proposed projects inform the regional five-year Transportation Improvement Program (TIP) and helps the region request the level of funding needed each year for planned transit activities.

Preliminary drafts of the first half of this document are completed: Introduction, Existing Conditions Overview which includes Community Characteristics, Plans and Policies already in place, Vista Transit and Regional Connection existing transit networks, as well as a procedural overview of FTA mandated COVID-19 health and safety protocols for both drivers and riders. GIS layers were also created for current transit routes.

Public outreach has included specific surveys targeted to Vista Transit drivers and staff; Vista Transit Center on-site informational boards and survey; Drivers distribution of transit surveys to riders and links provided to the public for transit related feedback via an on-line interactive map and survey located at: https://svmpo.com/transportation-plan At the time of this memo, 74 hard-copy surveys had been turned in (the last similar outreach effort had a return rate of 44 surveys).

Next steps for this effort include the finalizing future recommendations for policies and projects, completing funding costs and revenues, and developing a proposed transit project list for the five-year TIP in coordination with Vista Transit.

TAC members will have an opportunity to ask questions about the presented materials and to discuss their concerns or recommendations for both the Vista Transit (5307 transit system) and regional connections. The Short-Range Transit Plan Update (2021-2026) is on schedule to be presented to the SVMPO Board for approval in June of 2021.

Attachments: SRTP Power Point Presentation Hand-Out, for additional materials please link through the www.svmpo.org website to the Short-Range Transit Plan Update at: https://www.svmpo.org/transportation-planning/short-range-transit-plan-update/

Action Requested: Review of pending Final Draft Short-Range Transit Plan materials and draft chapters posted on the svmpo.org website.

SHORT-RANGE TRANSIT PLAN

Project Update

May12, 2021

Michael Baker INTERNATIONAL

GORDLEYGROUP
helping those who help others

1

WHAT IS A SHORT-RANGE TRANSIT PLAN?

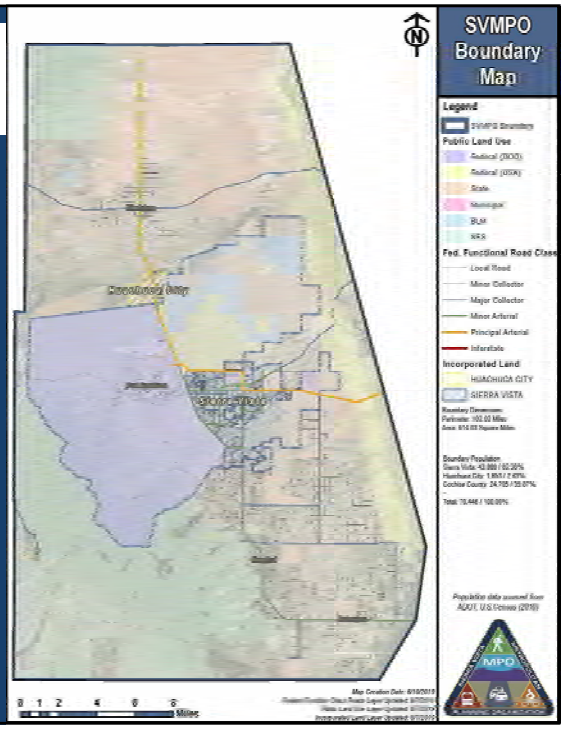
- A Short-Range Transit Plan (SRTP) is the document that generally plans out transit services and operations.
- The SRTP planning period is generally five years. Through the SRTP update process, the transit system, fleet needs, capital and operating costs and revenues, and new transit services are assessed, and recommendations are ultimately made.
- The Federal Transit Administration requires that any transit agency receiving federal funds directly must have a current SRTP.

SVMPO Short-Range Transit Plan 2

2

SVMPO SRTP PROJECT GOALS & OBJECTIVES

1) Streamlined update of the 2014 SRTP to incorporate new FTA requirements for SRTP.
2) Focus on safety, COVID-19 sanitizing policies/procedures, performance-measures, and regional coordination.
3) Evaluate the existing and future transit network and recommended feasible service and policy recommendations to meet current and projected transit demands.
4) Innovatively inform and engage the community to share study information to garner public input and support.
5) Provide funding mechanisms used for both local and future transit services over the period from 2021-2026.



SVMPO Short-Range Transit Plan

3

SHORT-RANGE TRANSIT PLAN PROCESS

TASK 5
Transit Service & Policy Recommendations
Recommendations to meet transit market demands within potential future financial constraints.

We're Here

TASK 3
Existing Conditions Overview
Assess and analyze the existing land use characteristics, socioeconomic conditions, and the transportation and transit framework.

TASK 4
Performance Review of Transit System
A performance-based approach to establish standards, tools, and other actionable measures for the execution of the current and future transit system.

TASK 6
Fleet/Facility Sanitizing Procedures & Training Materials
Implement new measures to ensure the safety of their employees and passengers while pushing to increase public confidence in transit.

TASK 7
Five-Year Program, Financial Plan, & Potential Funding Sources
Identify and evaluate revenue and funding mechanisms to provide data to enable feasible funding options.

TASK 8
Implementation Strategy
Align the preceding tasks to provide a series of prioritized execution activities to implement the route and service recommendations.

TASK 9
Final Report

TASK 1
Project Management & Administration

TASK 2
Stakeholder & Community Outreach

SVMPO Short-Range Transit Plan

4

4

EXISTING CONDITIONS OVERVIEW - COMPLETED

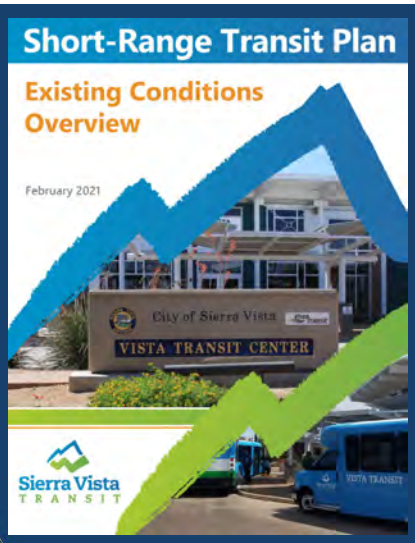
Assessed and analyzed the existing land use characteristics, socioeconomic conditions, and the transportation and transit framework.

- A literature review of relevant planning studies
- Overview and description of demographic factors that influence demand for transit
- Analysis of previous, existing, and future land uses and employment densities
- Assessment of existing public transportation services and performances
- Inventory of transit routes and stops transmitted into ArcGIS.

SVMPO Short-Range Transit Plan 5

5

EXISTING CONDITIONS OVERVIEW - COMPLETED



- DRAFT Existing Conditions Overview Report submitted February 5, 2021.
- Comments received from SVMPO staff, Vista Transit staff, and other stakeholders.
- Study Team incorporated comments received and posted the FINAL DRAFT Existing Conditions Overview Report on the SVMPO Website in April.

SVMPO Short-Range Transit Plan 6

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FLEET/FACILITY SANITIZING PROCEDURES & TRAINING MATERIALS - COMPLETED

Fleet & Facility Sanitation Strategies

Introduction

Fleet and facility cleaning/sanitizing procedures and checklists

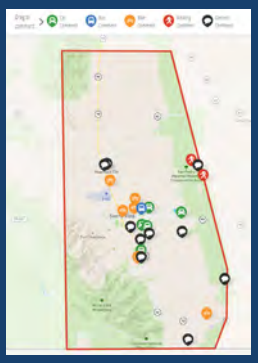
- DRAFT Report submitted January 15, 2021.
- Comments received from SVMPO staff, Vista Transit staff, and other stakeholders.
- Study Team is coordinating incorporating comments received and anticipates completion of the FINAL Report this month.

STAKEHOLDER & COMMUNITY OUTREACH – COMPLETED

In-person
March 5 – March 26

- Display Boards
- Driver Distribution
- Paper surveys - 74 Received!
- Ride vouchers
- Flyers

Online
January 6 – May 24



- Combined LRTP/SRTP
- Interactive Mapping
  - 37 comments
- Online Survey
  - 51 surveys received
  - 21 recommended new transit stops

On-Line Survey Link: https://svmpo.com/transportation-plan

STAKEHOLDER & COMMUNITY OUTREACH – IN PROGRESS

- Compile, transmit, and analyze comments and feedback received.
- Share results with Vista Transit Drivers and partners for feedback on recommendations.

SVMPO Short-Range Transit Plan 9

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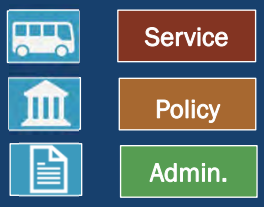
UPCOMING TASKS & TASKS IN PROGRESS

Performance Measures

Transit Recommendations



5 Year Financial Plan & Funding Sources

Action Items & Implementation Plan

FINAL REPORT

June 2021

SVMPO Short-Range Transit Plan 10

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WHAT'S NEXT?

An opportunity to review materials and discuss concerns or observations on:

- Transit Performance Measures
- Transit Recommendations
- 5 Year Financial Plan & Funding Sources
- Action Items & Implementation Plan

Review at May Board meeting, prior to the development of the Final Report.

SVMPO Short-Range Transit Plan 11

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QUESTIONS & COMMENTS

www.svmpo.org/transportation-planning/short-range-transit-plan-update/

SVMPO Short-Range Transit Plan 12

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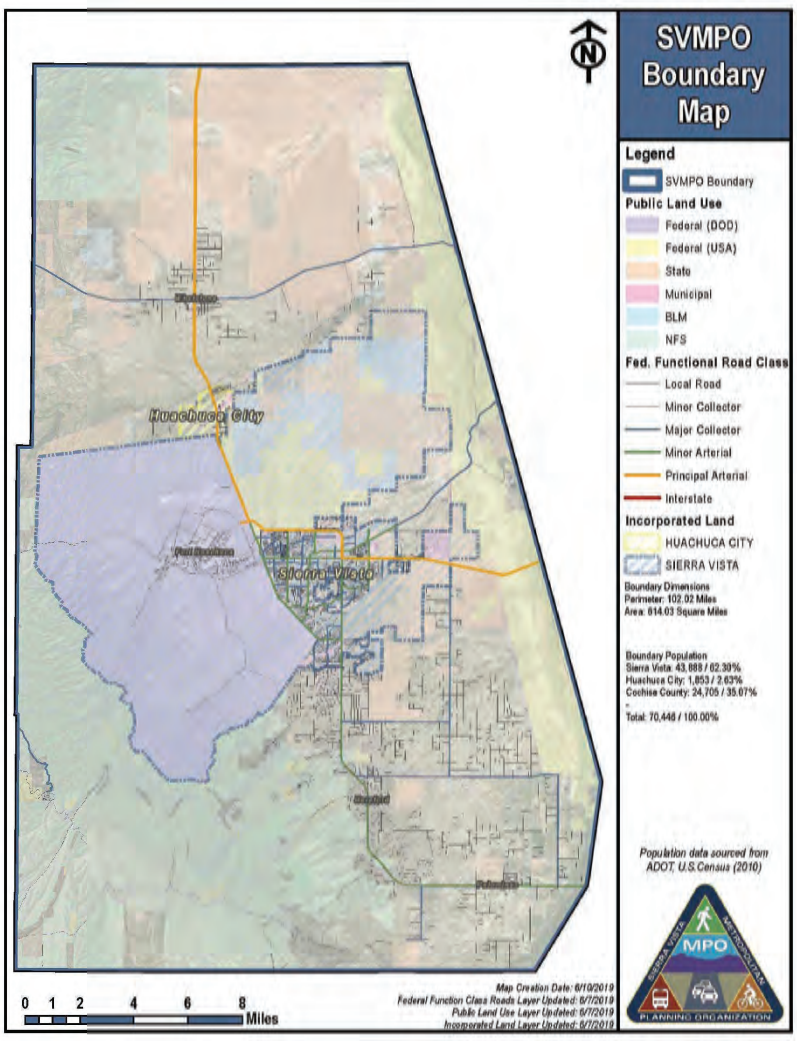
SIERRA VISTA TRANSIT

Short-Range Transit Plan

What is a Short-Range Transit Plan?

- A Short-Range Transit Plan (SRTP) is the planning document that studies, and makes recommendations, for the Vista Transit bus system so that it can be operated and maintained within available funding and Federal Transit Administration (FTA) guidelines.
- Small urban transit plans, for a transit system like Vista Transit, are usually updated about every five to ten years. These updates study the transit system, fleet needs, capital and operating costs, transit system revenues and develop recommendations for new transit services or improvements.
- The FTA requires that any transit agency directly receiving federal funding, like Vista Transit, must have a current SRTP.

SVMPO Boundary Map



SRTP Project Goals & Objectives

1. Include any new FTA requirements in the update to the previous 2014 transit plan.
2. Focus on safety, COVID-19 sanitizing policies/procedures, performance-measures, and regional coordination.
3. Evaluate the existing and future transit network and recommend feasible service and policy recommendations to meet current and projected transit demands.
4. Reach out to transit bus riders to share study information and ask for the community's input, and their ideas, for improving transit system options over the next five years.
5. Identify different ways to provide needed funding for the existing transit system and for future transit service improvements.

SRTP Planning Process

Existing Conditions Overview
Review the existing land use characteristics, socioeconomic conditions, and the transportation and transit framework.

We are Here

Performance Review of Transit System
Establish standards, tools and other performance measures for assessing the current and future transit system.

Transit Service & Policy Recommendations
Identify transit needs for the area, consider innovative opportunities to effectively use transit assets, and develop recommendations to meet future transit system demands.

Fleet/Facility Sanitizing Procedures & Training Materials
Provide up-to-date information and materials to transit drivers and riders about maintenance and safety measures.

Five-Year Program, Financial Plan, & Potential Funding Sources
Identify and evaluate possible funding options to meet transit needs within the transit funding expected to be available over the next five years.

Implementation Strategy
Prioritize recommendations for the five-year improvements identified for the Vista Transit system.

Final Report

Project Management & Administration — Stakeholder & Community Outreach

We Need Your INPUT - Get Involved Today!

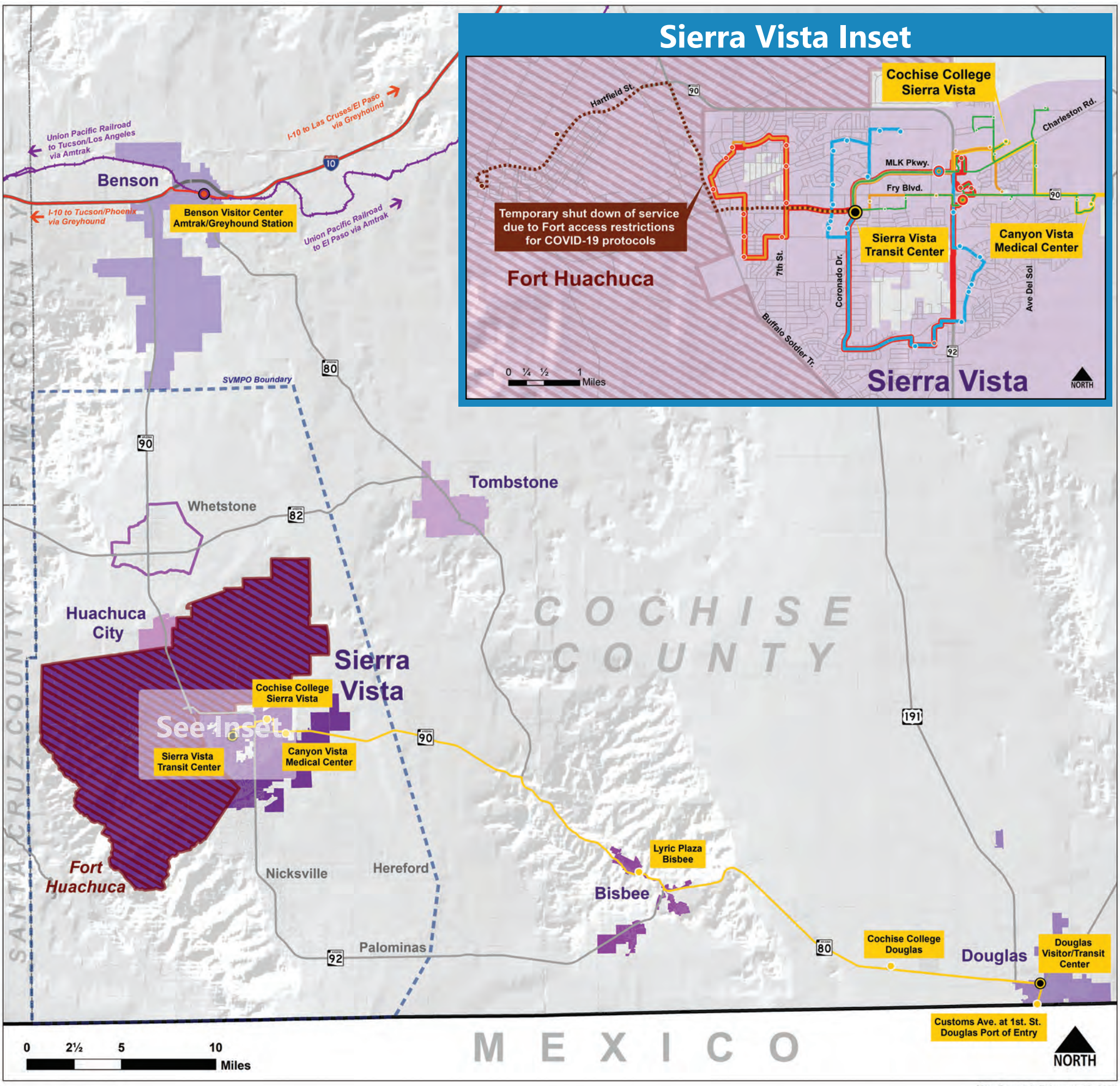
To learn more about the SVMPO Short-Range Transit Plan please visit the project website at:

www.svmpo.org/transportation-planning/short-range-transit-plan-update/

We value your input! Please give your feedback on regional transit needs by taking project surveys and participating in our online interactive mapping exercise at:

www.svmpo.com/transportation-plan

Regional Transit Network Map



Vista Transit Schedule

Route	Schedule		Frequency (Minutes)
Blue (Central)	Monday – Friday	7:00 am – 6:00 pm	60
Orange (West)	Monday – Friday	7:00 am – 6:00 pm	60
Green (East)	Monday – Friday	7:00 am – 6:00 pm	60
Red (West & Central)	Saturday Only	9:30 am – 6:00 pm	60
*Brown (Fort Huachuca)**	Saturday Only	9:30 am – 6:00 pm	60

**Temporary shut down of service due to Fort access restrictions for COVID-19 protocols*

Other Regional Transit Schedules

Route	Schedule		Frequency (Hours)
Cochise Connection	Monday – Friday	6:08 am – 5:44 pm	4
	Saturday	8:00 am – 4:04 pm	4
Greyhound Rt. 1415	Everyday	6:25 pm	24
Greyhound Rt. 1418	Everyday	9:55 pm	24
Amtrak Sunset Limited	Tuesday/Thursday/Sunday	5:18 pm	12
	Monday/Thursday/Saturday	9:15 am	12

Sierra Vista Metropolitan Planning Organization
Memorandum

To: SVMPO TAC

From: Karen L. Lamberton, AICP, SVMPO Administrator

Date: May 12, 2021

Subject: 2050 Long-Range Transportation Plan Status Update

Kimley-Horn, partnered with Rick Engineering and Gordley Group, are the consultant team for developing the first update of the SVMPO Long-Range Transportation Plan, with the extended MPO boundaries. They have continued to work on this project, refining potential multi-modal projects list, developing preliminary project costs and a prioritization matrix.

Public outreach is continuing through website interactive maps, surveys and outreach boards in multiple locations. Targeted letters have been sent to the region's top employees, a newsletter piece was included in a Fort Huachuca employee e-mail blast, state and federal agencies have been contacted with outreach materials, and a paid advertisement was placed in the Sierra Vista Herald in late April. The map and survey is scheduled to be pulled this month on or about May 24th.

This long-range planning project is approximately 75 percent complete. This project was currently on schedule to be presented to the Board for adoption the summer of 2021. The preliminary schedule was set to complete by June of this year but several factors, including the desire to include completed work from the Transit Plan and Huachuca City Roadway Inventory and Assessment, as well as inquiries from TAC members about the planning process and modeling results, has raised the question if it may be premature to complete a final draft without additional input. It may be desired to extend the adoption of this plan into late, not early, summer.

This mandated planning effort does have a deadline for completion. The SVMPO received FHWA approval for a time extension to December 2021 for completion and transmittal of this mandated plan.

Preliminary draft sections 1-6 are now available on the SVMPO website for TAC member review: https://www.svmpo.org/transportation-planning/2050-long-range-transportation-plan-update-2050-lrtp/

A substantive presentation will be presented to the TAC to refresh the TAC on the planning process, the Board adopted regional priorities, the modeling results and initial project list development, public outreach to date and what the current status of this effort is at this time.

The next phases for this LRTP planning project include:

- **April or May 2020** – Share drafted policy and project recommendations, seek input on potential project priorities; solicit feedback on project phasing and funding options;
- **Potentially a Joint TAC/Board Work Session on June 10th and/or an Outdoor Public Outreach Event.**
- **June or August 2020 -** Formal public meeting, concurrent with SVMPO Board adoption, tentatively scheduled for August 26th or no later than October 28, 2020.

The TAC members will be asked to actively participate with the LRTP Consultant Team on any questions, concerns or suggestions they might have about the process to date. Specific discussion items will include:

1. Would TAC members participate in a Joint Work Session with the Board on June 10th on this topic?
2. Would TAC members participate, and encourage their staff to participate, in a Public Outreach Event, and should such a public meeting be held? If held, this public meeting would likely be set up to run coordinated with the June 10th Work Session or that following Saturday on June 12th. Information would be provided on all active MPO planning efforts, including the pending Transportation Improvement Program for 2022-2026.
3. After this presentation and discussion, is the TAC comfortable with a ***tentative*** August adoption or should this deadline be moved back into October in order to better achieve TAC goals related to specific tasks on this LRTP?
4. Prioritization discussion as described on Slide 22, page 11 of the Power Point attachment.

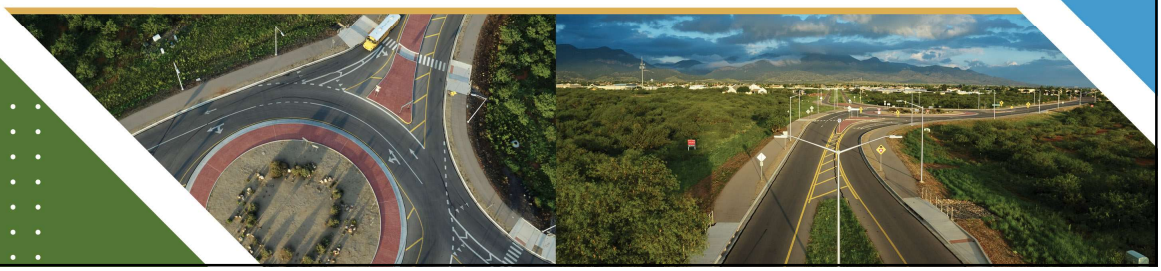
Attachments: SVMPO 2050 LRTP Power Point Presentation; BPAC/Pedestrian Public Project Input

Action Requested: This is an information and discussion item.

Kimley»Horn

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan



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Long-Range Planning Process

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

Community Assessment	Scenario Planning		Financial Plan	Implementation Plan
Identify current and future transportation deficiencies	Develop a comprehensive project list to address deficiencies	Use project prioritization framework to rank/prioritize list	Forecast the funding available to implement the prioritized project list	Sort the prioritized project list into short-, medium-, and long-term horizons based on available funding
Task 3 and 4	Task 5		Task 6	Task 7

We are here

Project Management (Task 1 and 8)

Public Engagement (Task 2)

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2

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MPO LRTP Mandated Requirements

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

- Complete and update every 5 years
- Identifies transportation needs over a 20-year period
- Regional perspective
- Multimodal
  - Vehicles
  - Transit
  - Walking, Bicycling
  - Aviation
  - Other: equestrian
- Complies with Title VI requirements
- Fiscally constrained

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3

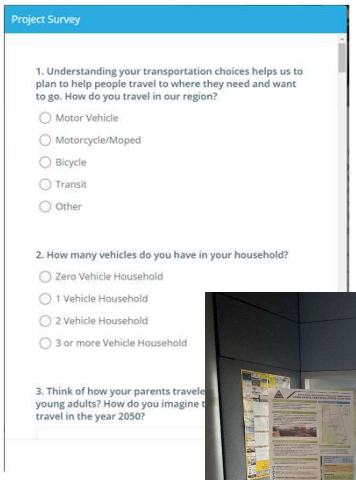
Public Outreach

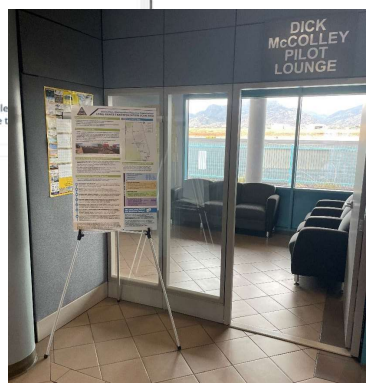
SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

- Project Survey
- Interactive Map
- Press Releases
- Published Ads
- Outreach Letters
  - Large employers
  - State and Federal agencies
- Vista Transit Hard Copy Survey
- Boards and Flyers
  - Vista Transit Center
  - Sierra Vista Municipal Airport
  - Huachuca City Town Hall
  - Sierra Vista City Hall Lobby
  - City of Sierra Vista Public Works Training Room

Project Survey Screenshot





LRTP Information Board at Sierra Vista Municipal Airport

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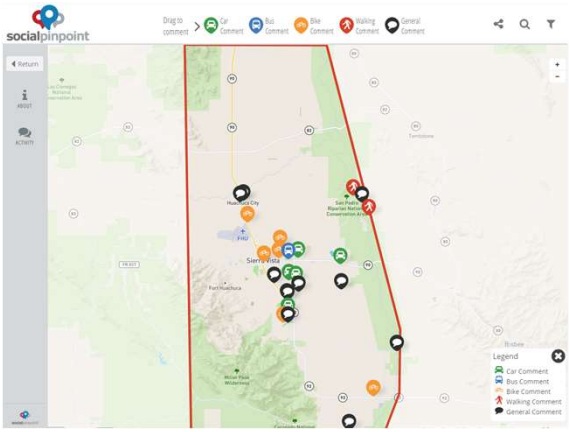
4

Public Input

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

- Online Survey
  - 53 responses
- Interactive Map
  - 37 markers placed in the map
    - 8 Car comments
    - 2 Bus comments
    - 7 Bike comments
    - 4 Walking comments
    - 17 General comments
      - Several comments focused on recreational enhancements



Online survey

- Hard copy transit surveys
  - 74 responses
- **We need your help to promote the survey and map!**
  - Digital engagement period will end on May 24

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Travel Demand Model

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

- LRTP Regional Travel Demand Model
  - 2019 data from US Census and MAG Employment database
  - Calibrated to recent available count data from ADO/SVMPO/ SEAGO websites and counts collected for LRTP
  - 2050 demographics constrained to Arizona Office of Economic Opportunity projections
- Used to aid roadway project prioritization for large, regional roadway projects
- Base year (2019) and 2050 scenarios

Overall Model Calibration Statistics

Metric	SVMPO Model	FHWA Target
% RMSE	26.30%	< 35%
R-Squared	0.928	> 0.88

Calibration Statistics by Facility Type

Facility Type	Observed Count	Modeled Volume	# of Counts	+/- %	FHWA Target
Major Arterial	349,017	354,328	27	1.50%	+/- 10%
Minor Arterial	322,868	290,438	38	-10.00%	+/- 15%
Collector	189,132	183,291	84	-3.10%	+/- 25%
Total	**861,017**	**828,057**	**149**	**-3.80%**	**+/- 5%**

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Travel Demand Model

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

7 scenarios modeled

1. **Hereford Road Bridge Replacement.** Replaces the current single-lane bridge on Hereford Road over the San Pedro River with a new two-lane bridge.
2. **Moson Road Extension.** Extends Moson Road from Hereford Road to SR 92.
3. **Charleston Road Widening.** Widens Charleston Road to a five-lanes from Avenida Del Sol to Sierra Vista City Limits.
4. **SR 90 Widening.** Widens SR 90 from to three or five lanes between Schrader Road and Moson Road.
5. **El Camino Real Extension.** Improves El Camino Real to an urban cross-section between Cardinal Drive and its current dead end and extends roadway to Avenida Cochise.
6. **Buffalo Soldier Trail Extension.** Extends Buffalo Soldier Trail from SR 92 to Moson Road.
7. **Buffalo Soldier Trail Extension + Avenida Del Sol Extension.** Includes the extension of Buffalo Soldier Trail plus an extension of Avenida Del Sol to Buffalo Soldier Trail.

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Travel Demand Model

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

Results:

Scn.	Name	Change in VMT	VMT Impact	Change in VHT	VHT Impact	Change in V/C	LOS Impact	Summary Result
1	Hereford Road Bridge Replacement	+13	+0.001%	-27	-0.08%	-0.002	-0.27%	→
2	Moson Road Extension	-2,631	-0.22%	-138	-0.41%	+0.011	+1.32%	→
3	Charleston Road Widening	-10	-0.001%	-16	-0.05%	-0.003	-0.32%	→
4	SR 90 Widening (3 lanes)	+280	+0.02%	-135	-0.40%	-0.081	-9.73%	↗
	SR 90 Widening (5 lanes)	+814	+0.07%	-326	-0.97%	-0.223	-26.88%	↗
5	El Camino Real Extension	-1,262	-0.11%	-95	-0.28%	-0.011	-1.36%	↗
6	Buffalo Soldier Trail Extension	-2,026	-0.17%	-283	-0.84%	-0.047	-5.71%	↑
7	Buffalo Soldier Trail Extension + Avenida Del Sol Extension	-2,525	-0.21%	-342	-1.02%	-0.054	-6.49%	↑

Negative — Positive

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SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

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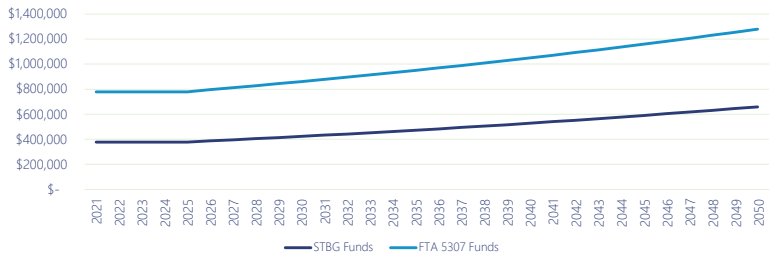
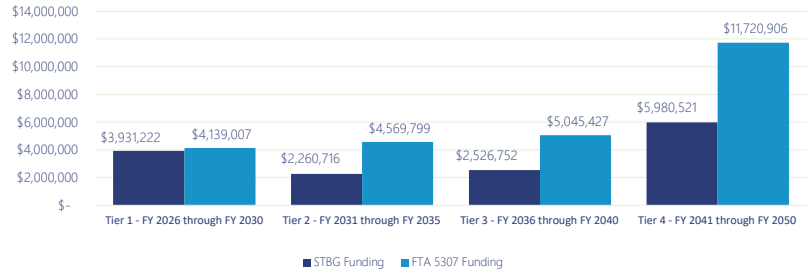
Anticipated Federal Transportation Funds, 2026-2050





STBG Total: $14,699,211 **FTA 5307 Funding: $25,475,139**

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SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

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Preliminary Project List Development

- **Previous plans and studies**
  - 2016 SVMPO LRTP
  - Other recent SVMPO studies
  - Airport Master Plan
  - Member jurisdiction CIPs
- **Existing conditions analysis**
  - Projects to address identified deficiencies
- **Incorporated feedback from agencies**
  - Project status, completed, programmed, etc.
- **Travel demand modeling**
  - SR 90 Widening to three or five lanes from Schrader Road to Moson Road
  - El Camino Real Extension, Cardinal Drive to Avenida Cochise
  - Other Potential future projects to be identified
- **Preliminary project costs**
  - Includes estimates for design, right of way, and construction

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Roadway Capital Project Planning Level Costs [PRELIMINARY]

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

Proj. ID	Project	From	To	Description	Est. Cost (2021$)
RWY-1	Tacoma St	Coronado Dr	Av Escuela	Widen, add curb and gutter, sidewalk	$1,250,000
RWY-2	Charleston Rd	Giulio Cesare Ave	Sierra Vista City Limits	Widen to four lanes with median	$1,708,000
RWY-3	Giulio Cesare Ave	SR 90	Michelangelo Dr	Widen to four lanes, shared-use path	$570,000
RWY-4	Moson Rd	Horsethief Draw Rd	SR 90	Widen to four lanes	$1,535,000
RWY-5	Foothills Dr	El Camino Real	SR 92	Add curb and gutter, overlay	$1,200,000
RWY-6	Las Brisas Way	Police Station	Av Escuela (future)	New roadway	$2,125,000
RWY-7	Buffalo Soldier Trl	SR 92	Av Del Sol (future)	New roadway	$3,250,000
RWY-8	Buffalo Soldier Trl	Av Del Sol (future)	Moson Rd	New roadway	$9,250,000
RWY-9	Moson Rd	SR 90	Charleston Rd	Improve lane widths, shoulders, and drainage; access management	$5,135,000
RWY-10	Theater Dr	Carmichael Ave	7th St	Acquire right-of-way and upgrade	$2,140,000
RWY-11	Av Escuela	Bluebird Dr	Quail Run Dr	Upgrade and widen	$300,000
RWY-12	Bel Aire Pl	Wilcox Rd	Fry Blvd	Upgrade and widen	$350,000
RWY-13	7th St	Golf Links Rd	-	New traffic signal	$350,000
RWY-14	El Camino Real	Wilcox Dr	-	New traffic signal	$400,000
RWY-15	Charleston Rd	Hobby Lobby	-	New traffic signal	$350,000
RWY-16	Buffalo Soldier Trl	Golf Links Rd	-	New traffic signal	$350,000
RWY-17	SR 92	Snyder Blvd	-	New traffic signal	$400,000
RWY-18	Coronado Dr	Tacoma St	-	New traffic signal	$400,000
RWY-19	Hereford Rd	Palominas Rd	SR 92	Improve lane widths and drainage, new bridge, access management	$8,150,000
RWY-20	Palominas Rd	SR 92	Hereford Rd	Improve lane widths, shoulders, and drainage; access management	$4,840,000
RWY-21	Charleston Rd	Sierra Vista City Limits	SVMPO Boundary	Additional lanes/turn lanes; improved shoulders, drainage, and roadway base	$8,750,000
RWY-22	Moson Rd	Hereford Rd	Horsethief Draw Rd	Additional lanes/turn lanes; improved shoulders, drainage, and roadway base	$9,300,000
RWY-23	Ramsey Rd	SR 92	Moson Rd	Additional lanes/turn lanes; improved shoulders, drainage, and roadway base	$6,375,000
RWY-24	Hereford Rd	Moson Rd	Palominas Rd	Additional lanes/turn lanes; improved shoulders, drainage, and roadway base	$5,850,000
RWY-25	Moson Rd	SR 92	Hereford Rd	New roadway	$12,300,000
RWY-26	Ronald Reagan Pkwy	SR 92	Fort Huachuca	New roadway	$15,600,000
RWY-27	San Pedro River Pkwy	SR 92	SR 82	New roadway	$120,700,000
RWY-28	SR 90	Abode with Nature Way	Moson Rd	Widen roadway	$2,475,000
RWY-29	SR 90	SR 92/Fry Blvd	MLK Pkwy/ Charleston Rd	Safety improvements	$500,000
RWY-30	El Camino Real	Av Cochise	Cardinal Dr	Extend and improve roadway	$3,485,000
RWY-31	Av Del Sol	Buffalo Soldier Trl	Calle Cumbre	New roadway	$9,450,000
RWY-32	Skyline Dr	SR 90	Landfill Entrance	Street pavement reconstruction and strengthening, improved pedestrian and drainage facilities	$740,000
RWY-33	School Dr/Gila St	SR 90/School Dr	Gila St/Skyline Dr	Street pavement reconstruction; improved pedestrian and drainage facilities	$840,000
				TOTAL	$240,418,000

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Roadway Preservation Project Planning Level Costs [PRELIMINARY]

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

Proj. ID	Project	From	To	Description	Est. Cost (2021$)
PRES-1	Av Cochise	Via Riata	Cam Montana	Resurface roadway	$270,000
PRES-2	Charleston Rd	SR 90	Colombo Ave	Resurface roadway	$950,000
PRES-3	Wilcox Dr	Buffalo Soldier Trl	7th St	Resurface roadway	$1,180,000
PRES-4	Kayetan Dr	Buffalo Soldier Trl	North Ave	Resurface roadway	$700,000
PRES-5	Buffalo Soldier Trl	Fry Blvd	SR 90	Patch, crack seal, and thin overlay	$2,000,000
PRES-6	SR 82	Abandoned SPRR	-	Improve or replace bridge	$330,000
PRES-7	SR 90	Lewis Springs	-	Improve or replace bridge	$330,000
PRES-8	Hereford Rd	Spring Creek	-	Improve or replace bridge	$330,000
PRES-9	SR 90	12.1 mi S of I-10	-	Improve or replace bridge	$1,825,000
PRES-10	SR 90	Babocomari Wash	-	Improve or replace bridge	$3,900,000
PRES-11	SR 92	Garden Canyon	-	Improve or replace bridge	$3,125,000
PRES-12	Charleston Rd	San Pedro River	-	Improve or replace bridge	$3,550,000
PRES-13	Giulio Cesare Ave	0.4 mi S of SR 90	-	Improve or replace bridge	$1,355,000
PRES-14	Coronado Dr	0.15 mi S of Golf Links Rd	-	Improve or replace bridge	$600,000
PRES-15	Town & Country Dr	0.5 mi S of Golf Links Rd	-	Improve or replace bridge	$265,000
PRES-16	Buffalo Soldier Trl	Soldier Creek	-	Improve or replace bridge	$3,075,000
				TOTAL	$23,785,000

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Bicycle and Pedestrian Project Planning Level Costs [PRELIMINARY]

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Proj. ID	Project	From	To	Description	Est. Cost (2021$)
BIKE-1	Connector Trail	El Camino Real	Oakmont Dr	Trail reconstruction	$230,000
BIKE-2	Busby Dr	7th St	Lenzner Ave	Shared-use path (south side of roadway)	$1,180,000
BIKE-3	Foothills Dr	El Camino Real	SR 92	Shared-use path	$1,360,000
BIKE-4	Giulio Cesare Ave	SR 92	Pete Castro Center	Shared-use path	$900,000
BIKE-5	SR 92	Kachina Trl	Buffalo Soldier Trl	Shared-use path	$2,360,000
BIKE-6	Campus Dr	SR 90	Colombo Ave	Shared-use path	$1,190,000
BIKE-7	SR 92	Av Cochise	Foothills Dr	Shared-use path (west side of roadway)	$2,060,000
BIKE-8	SR 90	7th St	Coronado Dr	Shared-use path	$2,360,000
BIKE-9	Buffalo Soldier Trl	Golf Links Rd	SR 90	Shared-use path	$5,970,000
BIKE-10	Av Del Sol	Snyder Blvd	Camino del Norte	Shared-use path	$1,110,000
BIKE-11	Fry Blvd	Coronado Dr	Av Escuela at MLK Pkwy	Shared-use path	$2,830,000
BIKE-12	7th St	Golf Links Rd	Wilcox Dr	Shared-use path	$2,175,000
BIKE-13	North Carmichael Connector	Fry Blvd	Canyon Dr	Unpaved path	$95,000
BIKE-14	Coyote Wash Connector	Buffalo Soldier Trl	Av Cochise	Unpaved path	$225,000
BIKE-15	Soldier Creek Connector	Kayetan Dr	Cyr Center Park	Unpaved path	$113,000
BIKE-16	SR 92	Yaqui St	Kachina Trl	Shared-use path	$2,385,000
BIKE-17	Ramsey Canyon Rd	Richards Rd	SR 92	Shared-use path	$5,005,000
BIKE-18	Murray Springs Trl	San Pedro House	Murray Springs	Shared-use path	$11,330,000
PED-1	Av Cochise	Paseo San Luis	Calle Mercancia	New sidewalk	$52,958
PED-2	Calle Mercancia	East of SR 92	-	New sidewalk	$40,500
PED-3	Av Cochise	SW corner of Frontage Rd	-	New sidewalk	$9,346
PED-4	Via Riata	Paseo de la Luna	Snyder Blvd	New sidewalk	$28,037
PED-5	Greenbrier Rd	Mission Dr	Wheelan Loop	New sidewalk	$37,382
PED-6	St Andrews Dr	Player Ave	SR 92	New sidewalk	$18,040
PED-7	Buffalo Soldier Trl	St Andrews Dr	SR 92	New sidewalk	$158,875
PED-8	Golf Links Rd	7th St	Coronado Dr	New sidewalk	$270,800
PED-9	Carmichael Ave	Timothy Ln	Sheila Ln	New sidewalk	$62,304
PED-10	Bel Aire Pl	Wilcox Dr	Fry Blvd	New sidewalk	$62,304
PED-11	El Camino Real	Calle Gardenia	Calle Pkwy	New sidewalk	$65,419
PED-12	Calle Portal	Bluebird Dr	Quail Run Rd	New sidewalk	$40,498
PED-13	Colombo Ave	Mediterranean Dr	Evergreen Dr	New sidewalk	$28,037
PED-14	Giulio Cesare Ave	Galileo Dr	Evergreen Dr	New sidewalk	$49,843
PED-16	North Ave	Kayetan Dr	Cyr Center Park	New sidewalk	$56,950
PED-17	Carmichael Ave	School Dr	Nelson Dr	New sidewalk	$127,723
PED-18	Theater Dr	Carmichael Ave	7th St	New sidewalk	$158,875
PED-19	Cherokee Ave	Kachina Trl	Isla Bonita Dr	New sidewalk	$52,958
				TOTAL	$44,198,850

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Aviation Project Planning Level Costs [PRELIMINARY]

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Proj. ID	Project	Est. Cost (2021$)
AIR-1	Water storage tank and fire pump including 8" water line and hydrants (design only)	$166,650
AIR-2	Taxiway J extension and entrance/exit taxiways serving north side of Runway 8-26 (environmental only)	$444,400
AIR-3	Construct water storage and fire system upgrades on northwest side of airport	$833,250
AIR-4	Parallel taxiway J extension and associated entrance/exit taxiways serving north side of Runway 8-26 (Phases IV and V – design only)	$499,950
AIR-5	Conduct environmental assessment for relocation of Eleven Mile Road	$111,100
AIR-6	Construct parallel Taxiway J (Phase IV) and exit Taxiway B serving north side of Runway 8-26	$2,499,750
AIR-7	Conduct environmental assessment for Runway 12-30 and Taxiway K extensions (Phase I)	$222,200
AIR-8	Relocate Eleven Mile Road	$2,861,047
AIR-9	Extend Runway 12-30 and Taxiway K 1,234' northwest and construct hold apron and 500' overrun (Phase I)	$7,073,070
AIR-10	Construct parallel Taxiway J (Phase V), entrance/exit Taxiway A, and hold apron serving north side of Runway 8-26	$1,388,750
AIR-11	Construct access road leading to automated weather observation system	$143,430
AIR-12	Install precision approach path indicator (PAPI)-2 and runway end identifier lights (REIL) on Runway 3-21	$164,650
AIR-13	Improve circulation and awareness at intersection of Runway 12-30 and Taxiways D and J (caution lights and signage)	$173,316
AIR-14	Construct road access/parking to support landside development on northwest side of airport	$137,542
AIR-15	Construct taxiway leading to landside development on northwest side of airport	$247,086
AIR-16	Construct new airport traffic control tower (ATCT) on south side of airfield	$1,111,000
AIR-17	General Pavement Maintenance	$1,843,482
AIR-18	Expand terminal building to include concessions/restaurant area	$223,422
AIR-19	Construct taxiway connecting Runway 30 threshold and Taxiway P leading to Taxiway F and install MITL	$277,750
AIR-20	Conduct environmental assessment for Runway 12-30 and Taxiway K extensions (Phase II)	$7,674,344
AIR-21	Extend Runway 12-30 and Taxiway K 1,400' northwest, construct hold apron and 500' overrun (Phase II)	$266,862
AIR-22	Construct road access/parking to support landside development on northwest side of airport	$322,412
AIR-23	Construct taxiway leading to landside development on northwest side of airport	$999,900
AIR-24	Install medium intensity approach lighting system with alignment indicator lights (MALSR) on Runway 26	$2,222,000
	TOTAL	$31,907,363

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Total Project Costs

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Project Type	Est. Cost (2021$)
Roadway Capital	$240,418,000
Roadway Preservation	$23,788,000
Transit	UNDER DEVELOPMENT
Bicycle and Pedestrian	$44,198,850
Aviation	$31,907,363
TOTAL	**$340,312,213**

Available Funding Totals:

STBG Total: $14,699,211

FTA 5307 Funding: $25,475,139

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How do we decide where to focus limited regional funds?

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2020–2050 Long-Range Transportation Plan

- Project prioritization:
  - Roadway capital and preservation projects
    - Prioritization model based on regional priorities (next slide)
  - Short-Range Transit Plan
    - Meeting near-term and social equity goals
    - Connecting/integrating regionally significant projects
  - Bicycle and pedestrian projects
    - BPAC, TAC, and public feedback
    - Desire to "fill gaps" and improve maintenance before major expansions
  - Aviation projects – Airport Master Plan
  - Partnerships and phasing opportunities

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SVMPO Board Approved Priorities

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2020–2050 Long-Range Transportation Plan

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SVMPO Priority Statements

- **Regionally Significant.** Project improves regional connectivity; is located on a route that connects to a state highway; completes a missing link or segment in the regional network.
- **Safety.** Project implements one of the FHWA proven safety countermeasures; addresses a specific location with identified safety deficiencies or concerns; located at a sitewith high/severe crash rates.
- **Vehicle and Freight Mobility.** Project addresses current deficiencies in volume to capacity ratios; addressed forecasted deficiencies in volume to capacity ratios; corridor serves freight and goods movement.
- **System Preservation.** Project will extend the life of pavement surface; will address damaging flooding issues; addresses deficiencies noted in pavement or bridge conditions for poor or fair ratings.
- **Economic and Community Connectivity.** Project serves a major employment area; enhances access to Fort Huachuca; is within a 1/4 mile of a park, school, or medical facility; serves a recreational area.
- **Multimodal Integration and Accessibility.** Project includes one or more multimodal elements to improve bus, bicycle, or pedestrian facilities; improves access or connectivity to alternative mode travel options; completes missing links or gaps in multimodal facilities or connections.
- **Sustainable Environmental and Social Investment.** Project provides elements identified in sustainable highways by FHWA; suppoorts healthy ecosystems and stormwater reuse; improves access for vulnerable and diverse population groups.

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Roadway Project Prioritization

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

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- Based on **regional priorities** adopted by SVMPO Board.
- All priorities receive **equal weight** in prioritization.
- Datasets to **quantitatively measure** each priority identified.

Regionally Significant
- Project connects multiple classified roadways

Safety
- Crashes by severity
- Implements a FHWA proven safety countermeasure

Vehicle and Freight Mobility
- Existing and forecasted V/C ratio
- Existing truck volume

System Preservation
- Pavement and bridge condition (poor, fair, good)
- Addresses known flooding issue

Economic and Community Connectivity
- Serves major employment center or Fort Huachuca
- Within 1/4 mile of a park/recreational area, school, or medical facility

Multimodal Integration and Accessibility
- Project includes elements that improve bus, bicycle, or pedestrian facility
- Connects multiple multimodal facilities/connections

Sustainable Environment and Social Investment
- Provides element identified in Sustainable Highways by FHWA
- Improves access to vulnerable population groups

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Roadway Prioritization Spreadsheet Tool

- Screenshot from prioritization tool

	Location/Project Information							Regionally Significant		Safety						
Project Number	Primary Route	From	To	Project Description	Planning Level Cost (2021)	Functional Classification	Length (mi)	# of Classified Roadways Connected	Regionally Significant Score	Fatal Crashes	Suspected Serious Injury Crashes	Suspected Minor Injury Crashes	Possible Injury Crashes	No Injury Crashes	Implements a FHWA Proven Safety Countermeasure (https://safety.fhwa.dot.gov/provencountermeasures/)	Weighted Safety Score
RWY-1	Tacoma St	Coronado Dr	Av Escuela	Widen, curb and gutter, sidewalk	$ 1,250,000	Major Collector	0.75	2	50	0	0	4	2	8	No	0.0
RWY-2	Charleston Rd	Giulio Cesare Ave	City Limits	Widen to four lanes	$ 1,708,000	Minor Arterial	1.19	1	25	0	0	4	3	64	No	0.0
RWY-3	Giulio Cesare Ave	SR 90	Michaelangelo Dr	Widen to four lanes, shared-use path	$ 570,000	Minor Arterial	0.25	1	25	0	6	14	11	58	Yes	19.6
RWY-4	Moson Rd	Horsethief Draw Rd	SR 90	Widen to four lanes	$ 1,535,000	Major Collector	0.81	1	25	0	2	9	2	8	No	0.3
RWY-5	Foothills Dr	El Camino Real	SR 92	Curb and gutter, overlay, shared-use path	$ 1,200,000	Major Collector	0.58	3	75	0	0	11	14	48	Yes	16.9
RWY-6	Las Brisas Way	SV Police Station	Av Escuela	Improve/extend roadway	$ 2,125,000	Major Collector	0.69	2	50	0	0	0	0	0	No	0.0
RWY-7	Buffalo Soldier Trl	SR 92	Av Del Sol	New roadway	$ 3,250,000	Minor Arterial	0.98	1	25	0	0	0	0	0	Yes	16.7
RWY-8	Buffalo Soldier Trl	Av Del Sol	Moson Rd	New roadway	$ 9,250,000	Minor Arterial	3.02	1	25	0	0	0	0	0	Yes	16.7
RWY-9	Moson Rd	SR 90	Charleston Rd	Improve lane widths, shoulders, and drainage; access managem	$ 5,135,000	Minor Collector	3.21	2	50	0	2	7	2	9	Yes	16.7
RWY-10	Theater Dr	Carmichael Ave	7th St	Acquire ROW, curb and gutter, repave, sidewalk	$ 2,140,000	Minor Collector	0.51	3	75	0	0	0	4	10	Yes	16.7
RWY-11	Av Escuela	Bluebird Dr	Quail Run Dr	Widen, curb and gutter	$ 300,000	Minor Collector	0.12	1	25	0	0	0	0	14	No	0.0
RWY-12	Bel Aire Pl	Wilcox Dr	Fry Blvd	Widen, curb and gutter, sidewalk	$ 350,000	Local	0.20	2	50	0	2	2	5	14	Yes	17.8
RWY-13	7th St	Golf Links Rd	-	Traffic signal	$ 350,000	Minor Arterial	0.10	2	50	0	2	6	0	10	No	2.4
RWY-14	El Camino Real	Wilcox Dr	-	Traffic signal	$ 400,000	Major Collector	0.10	2	50	0	0	1	0	14	No	0.1
RWY-15	Carleston Rd	Hobby Lobby	-	Traffic signal	$ 350,000	Minor Arterial	0.10	1	25	0	0	2	5	20	No	0.3
RWY-16	Buffalo Soldier Trl	Golf Links Rd	-	Traffic signal	$ 350,000	Minor Arterial	0.10	2	50	2	2	7	0	10	No	79.1
RWY-17	SR 92	Snyder Blvd	-	Traffic signal	$ 400,000	Minor Arterial	0.10	2	50	0	2	10	0	35	No	2.7
RWY-18	Coronado Dr	Tacoma St	-	Traffic signal	$ 400,000	Minor Arterial	0.10	2	50	0	0	4	2	4	No	0.3
RWY-19	Hereford Rd	Palominas Rd	SR 92	Improve lane widths, shoulders, and drainage; new bridge; acce	$ 8,150,000	Minor Collector	6.46	2	50	0	0	0	3	3	Yes	16.7
RWY-20	Palominas Rd	SR 92	Hereford Rd	Improve lane widths, shoulders, and drainage; access managem	$ 4,840,000	Major Collector	4.10	3	75	0	0	0	3	4	Yes	16.7
RWY-21	Charleston Rd	City Limits	SVMPO Boundary	Additional lanes/turn lanes, improved shoulders/drainage/ road	$ 8,750,000	Major Collector	6.58	1	25	1	0	1	0	5	Yes	17.3
RWY-22	Moson Rd	Hereford Rd	Horsethief Draw Rd	Additional lanes/turn lanes, improved shoulders/drainage/ road	$ 9,300,000	Major Collector	7.01	2	50	0	3	4	6	23	Yes	16.7
RWY-23	Ramsey Rd	SR 92	Moson Rd	Additional lanes/turn lanes, improved shoulders/drainage/ road	$ 6,375,000	Major Collector	3.99	3	75	0	4	8	4	25	Yes	16.8

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Draft Roadway Prioritization Results

- Results show which roadway projects best align with the adopted regional priorities.
- These results are **just one tool in selecting projects** for future funding – **not a mandate**.

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2020–2050 Long-Range Transportation Plan

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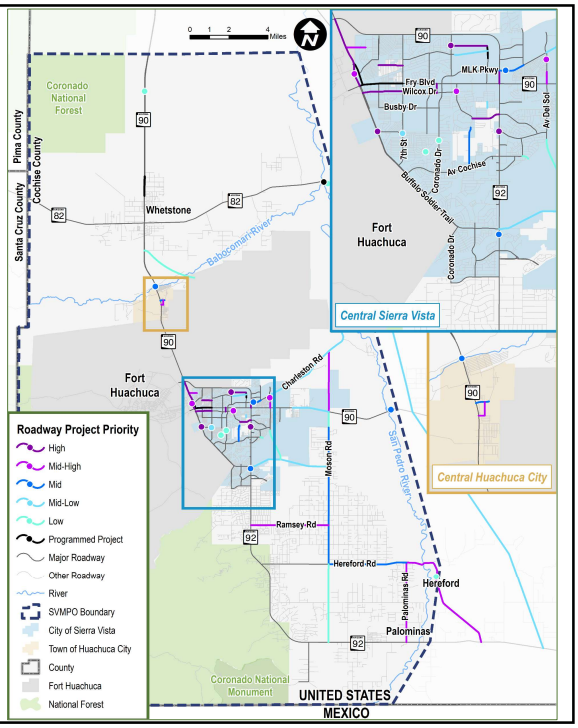

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Project Schedule

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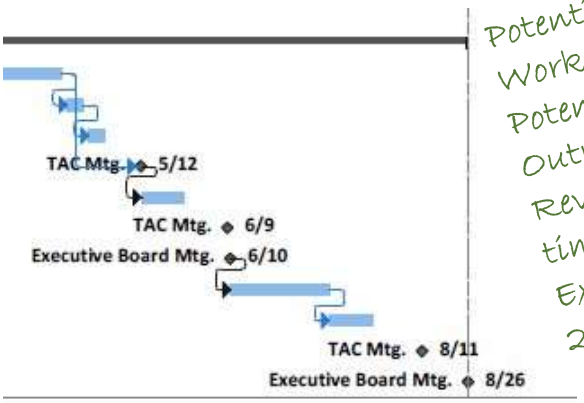
2020–2050 Long-Range Transportation Plan



Potential Joint TAC/Board Work Session in June?
Potential Outdoor Public Outreach Event?
Review of final document timeframe desired?
Extend adoption to October 28th Board meeting?

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UPDATE COMPLETION FOR 20-YEAR HORIZON WAS DECEMBER 2020
UPDATE COMPLETION FOR FIVE-YEAR TIMEFRAME WAS MARCH 2021
FHWA EXTENDED DEADLINE TO DECEMBER OF 2021
KIMLEY-HORN CONTRACT ANTICIPATED COMPLETION BY SUMMER OF 2021

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Prioritization Discussion

SIERRA VISTA METROPOLITAN PLANNING ORGANIZATION

2020–2050 Long-Range Transportation Plan

- Questions about the planning process to date?
- Observations about the prioritization criteria selected?
- Which destinations are most important for regional connections?
- Which gaps most critical to fill?
- Given the limitations in funding, what should be top priorities?

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BPAC Presentation, Discussion and BPAC Member Feedback Preliminary Project List April 2021 - Scheumann Additions 9May21

At the 4 May BPAC meeting I listed projects that should be added to the Preliminary Project List April 2021 and Karen seemed to agree. In a 6 May email to Karen Lamberton, I listed additional projects that came from a 2 March email to Karen or were based upon my 6 May review of all the comments made on the LRTP Interactive Map - https://svmpo.com/transportation-plan/map .

The following is an updated list of additional projects based up a review of the 9 May LRTP Interactive Map (latest additions after the Tribute Plan Multi-Purpose Trails entry):

Garden Canyon Linear Park - Build sustainable multi-use trail through the St Andrews and Cherokee Street culverts (call them something else if you wish) that is an alternative to going over the streets.

Garden Canyon Linear Park - Build the Buffalo Soldier Trail parking lot envisioned in the Garden Canyon Linear Park Master Plan (go to this article and you can download the plan from the article - https://engage.sierravistaaz.gov/garden-canyon-linear-park-improvements)

Garden Canyon Linear Park - Complete all the remaining multi-use trail related plans that are included in the Garden Canyon Linear Park Master Plan. (I recommend the plan be broken into "projects" as I have done above, but others do not until they become more near term/intermediate goal projects.)

Garden Canyon Linear Park Tribute Extension - Extend the Garden Canyon Linear Park multi-use trail system with trailhead parking at street crossings or as appropriate through Garden Canyon Wash areas of Tribute, then links up with the Buffalo Soldier Trail Multi-Purpose Trail as far east as possible - this could mean as far as Buffalo Soldier Trail and Colonia de Salud (see Tribute Plan Exhibit 5.13B, Multi-Purpose Trail Map). This includes connection options that get multi-use trail system users under and/or across Hwy 92. (Note: This project was adjusted based upon a subsequent review of the Tribute Plan.)

Wash North of Ramsey Canyon Road - Develop a bike & hiking/walking trail in the wash area between Cherokee and Hwy 92 that links up with the multi-use path at both ends.

Highway 92 West Side - Develop a multi-use path between Yaqui and Ramsey Canyon Rd or at least to the wash north of Ramsey Canyon Road.

Charleston Road to San Pedro River -Extend the shared-use path east on Charleston Road to the Boston Mill - Millville trailheads on the San Pedro River. Right now, it stops at Guilio Cesare Ave.

Hereford Road Tailhead Parking and Signage -Add trailhead parking with trail signage at Hereford Road where it crosses the river by the trails leading north and south along the river. (Note: There is trailhead parking along the San Pedro at the highways and Charleston Road, but none at Hereford Road.)

San Pedro River Railbed Multi-Use Path - Develop the old Union Pacific RR track bed into a multi-use path for biking and walking/hiking. There used to be a Federal Rails to Trails program that might be a funding source, but I do not know if this program still exists. This multi-use path could extend from at least Fairbank to Hereford Road, but it could also be extended farther north and south depending upon how much railbed could be acquired. (Note: Projects like this need to be included in the LRTP, since some requests for funding will not be approved unless a project has been listed in the organizations LRTP per Karen.)

Dedicated ATV Trails - Maybe a loop around the city away from neighborhoods. (Note: ATV transportation needs have not been discussed to my knowledge. We need to decide on whether they should or should not be included, and if they are included, then we need an ATV representative [and maybe a committee name change]).

Tribute Plan Multi-Purpose Trails - All the multi-purpose trails identified in the Tribute Plan Exhibit 5.13B, Multi-Purpose Trail Map, should be included as a group and not separately. That way they have visibility during future Tribute planning activities, and if some are not included, then they can be easily listed as LRTP projects. There is one additional clarification I would add that the developer should pay for. Namely, that the developer should pay for the connections of every multi-purpose trail to the multi-purpose trail/shared-used path/bike lane that exist at the boundary area between Tribute and the existing city facilities. This means, for example, that Tribute would pay for the connection of the St Andrews Drive multi-purpose pathway with the existing shared use path on the west side of Highway 92. NOTE: Web link to the most current Tribute Plan - http://docserve.sierravistaaz.gov/Home/Community%20Development/VISTA%202030%20APPENDICES/Appendix%20M-Tribute%20Specific%20Plan.pdf .

Border Shared Use Trail – Designate the support road and "bridge" across the San Pedro that is next to border wall as a shared use trail for hikers, mountain bikers and horses for the length of the SVMPO to include the Coronado Natl Monument and extend it for the length of Cochise County. Shared use trails on both sides of the San Pedro from Hwy 92 to the border should be developed and linked to the current parking area off Hwy 92 on the east side of the San Pedro. Parking should be allowed at the end of the roads leading to the support road and parking areas designated and possibly improved where more people tend to park their vehicles. Note: This is based upon the "Open up the support road along the border wall so that people can walk/hike or bike there and park at the end of the roads leading to the support road" comment.

Repair Highway 90, 92 and 82 Shoulders – Just like with the "Dedicated ATV Trails" the BPAC has to decide whether these types of maintenance projects should be included in the project list (assume SVMPO Board ultimate "deciders"). Note: This is based upon the "Highway 92 is now practically unsafe for cycling. The shoulder, which isn' t a path, is breaking up every 3-5 feet. The buckling of the highway is a result of heat and lack of routine maintenance. This should be fixed as it would be a very small investment " comment and the same comment for Highway 90 along with the "Fry (HWY 92 [really Hwy 90]) in this area near Fry's and Target is falling to pieces. This entire 4-mile road to Moson needs repair" comment.

Clean All State Highway 90, 92 and 82 Shoulders - Just like with the "Dedicated ATV Trails" the BPAC has to decide whether these types of maintenance projects should be included in the project list (assume SVMPO Board ultimate "deciders"). During the 4 May BPAC meeting Karen mentioned this as a long-standing issue that has not been resolved, since the state is not funding this type of work. Note: This is based upon "The shoulders on this state highway and all state highways need to be kept clean so that bikers can safety use them and not be forced into a traffic lane because of obstacles or flat causing debris" comment.

Shared-Use Perimeter Trail from Brown Canyon to Hunter Canyon – This would link the various canyons and provide linkages to the various trails going up/down the canyons. Parts of this have been completed (Carr to Miller Canyon) and another section is being worked on (Miller to Hunter Canyon), so maybe this project should be renamed "Shared-Use Perimeter Trail Extension from Carr Canyon to Brown Canyon." The gap is from the Brown Canyon parking lot just off Ramsey Canyon Road to the Lower Carr Canyon Parking Lot. The trail should go across Coronado Natl Forest (CNF) lands, but there are patches of private property (e.g., Ramsey Canyon Road south the CNF boundary) Note: This is based upon the "Create a shared use, perimeter trail from Brown Canyon (parking lot on Ramsey Rd) to Hunter Canyon (parking lot at the head of Hunter Canyon). This would link the various canyons and provide linkages to the various trails going up the canyons" comment.

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