



MEETING PACKET

Technical Advisory Committee

1:30 – 3:30 PM

September 25, 2024

Teams Virtual Meeting

Join on your computer, mobile app
or room device.

[Click here to join the meeting](#)

Meeting ID: 274 307 552 03

Passcode: LcjeF8

In-Person Location

City Hall

211 W. Aspen

Flagstaff, AZ 86001

Regular meetings and work sessions are open to the public. Persons with a disability may request a reasonable accommodation by contacting MetroPlan via email at planning@metroplanflg.org. The MetroPlan complies with [Title VI of the Civil Rights Act](#) of 1964 to involve and assist underrepresented and underserved populations (age, gender, color, income status, race, national origin, and LEP – Limited English Proficiency.) Requests should be made as early as possible to allow time to arrange the accommodation.

PURSUANT TO A.R.S. §38-431.02, as amended, NOTICE IS HEREBY GIVEN to the general public that the following Notice of Possible Quorum is given because there may be a quorum of MetroPlan's Technical Advisory Committee present; however, no formal discussion/action will be taken by members in their role as MetroPlan Technical Advisory Committee.

Public Questions and Comments must be emailed to planning@metroplanflg.org prior to the meeting or presented during the public call for comment.

NOTICE OF OPTION TO RECESS INTO EXECUTIVE SESSION

Pursuant to A.R.S. §38-431.02, notice is hereby given to the members of the MetroPlan Executive Board and to the general public that, at this regular meeting, the MetroPlan Executive Board may vote to go into executive session, which will not be open to the public, for legal advice and discussion with the MetroPlan Executive Board's attorneys for legal advice on any item listed on the following agenda, pursuant to A.R.S. §38-431.03(A)(3).

TECHNICAL ADVISORY COMMITTEE MEMBERS

- ☐ Michelle McNulty, City of Flagstaff Planning Director, Chair
- ☐ Nate Reisner, Coconino County Assistant Engineer, Vice-Chair
- ☐ Estella Hollander, Mountain Line Planning Manager
- ☐ Jess McNeely, Coconino County Community Development Assistant Director
- ☐ Ruth Garcia, ADOT Regional Planning
- ☐ Jeremy DeGeyter, ADOT Assistant District Engineer
- ☐ Paul Mood, City of Flagstaff Engineer
- ☐ Jeff Bauman, City of Flagstaff Transportation Manager
- ☐ Romare Truely, Federal Highway Administration Absent
- ☐ Stephanie Santana, City of Flagstaff Senior Transportation Engineer (Alternate)
- ☐ Anne Dunno, Mountain Line, Capital Development Manager (Alternate)
- ☐ Jason James, ADOT Regional Planning Manager (Alternate for RGarcia)
- ☐ Ryan Wolff, ADOT Transportation Engineer (Alternate for JDeGeyter)
- ☐ VACANT, Northern Arizona University

METROPLAN STAFF

- ☐ Kate Morley, Executive Director
- ☐ David Wessel, Planning Manager
- ☐ Mandia Gonzales, Transportation Planner
- ☐ Sandra Tavel, Transportation Planner
- ☐ Kim Austin, Transportation Planner
- ☐ Karen Moeller, Administrative Assistant & Clerk of the Board
- ☐ Ty Holliday, Montoya Fellow
- ☐ Aubree Flores, AmeriCorp Fellow

A. PRELIMINARY GENERAL BUSINESS

1. CALL TO ORDER

2. ROLL CALL

3. PUBLIC COMMENT

At this time, any member of the public may address the Board on any subject within their jurisdiction that is not scheduled before the Board on that day. Due to Open Meeting Laws, the Board cannot discuss or act on items presented during this portion of the agenda. To address the Board on an item that is on the agenda, please wait for the Chair to call for Public Comment at the time the item is heard.

4. APPROVAL OF MINUTES

(Pages 6-12)

Technical Advisory Committee Regular Meeting Minutes of May 22, 2024

B. CONSENT AGENDA

Items on the consent agenda are routine in nature and/or have already been budgeted or discussed by the Executive Board.

C. GENERAL BUSINESS

1. UPDATE ON JOHN WESLEY POWELL BLVD.

(Pages 13-14)

MetroPlan Staff: Kate Morley

Recommendation: None. This item is for information and discussion only.

2. ADOT TRAFFIC COUNT PROGRAM

(Pages 15-18)

MetroPlan Staff: Kate Morley

Recommendation: None. This item is for information and discussion only.

3. CONSIDER LEGISLATIVE AGENDA

(Pages 19-22)

MetroPlan Staff: Sandra Tavel

Recommendation: Staff recommends the TAC recommend the Board adopt the proposed legislative agenda.

4. [CONSIDER ELECTION OF A CHAIR AND VICE-CHAIR FOR METROPLAN TECHNICAL ADVISORY COMMITTEE](#) (Pages 23-24)

MetroPlan Staff: Karen Moeller

Recommendation: Staff recommends the Technical Advisory Committee elect a Chair and Vice-Chair for the term January 1, 2025 to December 31, 2025.
5. [TRANSPORTATION DEMAND MANAGEMENT UPDATE](#) (Pages 25-26)

MetroPlan Staff: Kim Austin

Recommendation: None. This item is for information and discussion only.
6. [FY2024 YEAR END FINANCIAL REPORT](#) (Pages 27-29)

MetroPlan Staff: Kate Morley

Recommendation: None. This item is for information and discussion only.
7. [WEST ROUTE 66 OPERATIONAL ASSESSMENT UPDATE](#) (Pages 30-32)

MetroPlan Staff: Mandia Gonzales

Recommendation: None. This item is for information and discussion only.
8. [FINAL REPORT ON BLOOMBERG CHESHIRE SLOW STREET ASPHALT ART PROJECT](#) (Pages 33-34)

MetroPlan Staff: Kim Austin

Recommendation: None. This item is for information and discussion only.
9. [ADOT PLANNING TO PROGRAMMING \(P2P\) PROJECT PRIORITIZATION AND SCORING CRITERIA, PROCESS, AND TIMELINE](#) (Pages 35-41)

MetroPlan Staff: Sandra Tavel

Recommendation: None. This item is for information and discussion only.
10. [VULNERABLE ROAD USERS SAFETY ACTION PLAN UPDATE](#) (Pages 42-44)

MetroPlan Staff: Mandia Gonzales

Recommendation: None. This item is for information and discussion only.
11. [TRIP DIARY SURVEY UPDATE](#) (Pages 45-56)

MetroPlan Staff: David Wessel

Recommendation: None. This item is for information and discussion only.
12. [UPDATE ON KEY PERFORMANCE INDICATORS \(KPIs\)](#) (Pages 57-70)

MetroPlan Staff: All Staff

Recommendation: None. This item is for information and discussion only.

13. MICROMOBILITY SHARE PROGRAM UPDATE

(Pages 71-76)

MetroPlan Staff: Kim Austin

Recommendation: None. This item is for information and discussion only.

14. METROPLAN HAPPENINGS

(Pages 77-79)

MetroPlan Staff: Kate Morley

Recommendation: None. This item is for information and discussion only.

CLOSING BUSINESS

15. ITEMS FROM THE TAC

Board members may make general announcements, raise items of concern, or report on current topics of interest to the Technical Advisory Committee. Items are not on the agenda, so discussion is limited, and action not allowed.

16. NEXT SCHEDULED TECHNICAL ADVISORY COMMITTEE

January 22, 2025

17. ADJOURN

The Transportation Improvement Program (TIP) includes the Northern Arizona Intergovernmental Public Transportation Authority (NAIPTA) final program of projects for Sections 5307 and 5339 funding under the Federal Transit Administration unless amended. Public notice for the TIP also satisfies FTA public notice requirements for the final program of projects. The MetroPlan Public Participation Plan (PPP) provides public participation notices and processes for NAIPTA as required to meet federal and state requirements for public participation and open meetings.

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at www.metroplanflg.org on September 20, 2024 at 12:00 pm.

Karen Moeller, Clerk of the Board and Admin. Assistant

Dated this 20th day of September, 2024.



MINUTES

Technical Advisory Committee

1:30 – 3:30 PM

May 22, 2024

Teams Virtual Meeting

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or room device.

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TECHNICAL ADVISORY COMMITTEE MEMBERS

- X Michelle McNulty, City of Flagstaff Planning Director, Chair
- X Nate Reisner, Coconino County Assistant Engineer, Vice-Chair
- X Estella Hollander, Mountain Line Planning Manager
- X Jess McNeely, Coconino County Community Development Assistant Director *Arrived at 1:35 p.m.*
- X Ruth Garcia, ADOT Regional Planning *Arrived @ 1:34 p.m.*
- X Jeremy DeGeyter, ADOT Assistant District Engineer
- X Paul Mood, City of Flagstaff Engineer *Left at 3:13 p.m.*
- X Jeff Bauman, City of Flagstaff Transportation Manager
- ☐ Romare Truely, Federal Highway Administration Absent
- ☐ Stephanie Santana, City of Flagstaff Senior Transportation Engineer (Alternate)
- ☐ Anne Dunno, Mountain Line, Capital Development Manager (Alternate)
- ☐ Jason James, ADOT Regional Planning Manager (Alternate for RGarcia)
- ☐ Ryan Wolff, ADOT Transportation Engineer (Alternate for JDeGeyter)
- ☐ VACANT, Northern Arizona University

METROPLAN STAFF

- ☐ Kate Morley, Executive Director *Excused*
- X David Wessel, Planning Manager
- X Mandia Gonzales, Transportation Planner
- X Sandra Tavel, Transportation Planner
- X Kim Austin, Transportation Planner
- X Karen Moeller, Administrative Assistant & Clerk of the Board
- X Ty Holliday, Montoya Fellow

A. PRELIMINARY GENERAL BUSINESS

1. CALL TO ORDER

Meeting was called to order at 1:31 p.m. by Chair McNulty

2. ROLL CALL

3. PUBLIC COMMENT

At this time, any member of the public may address the Board on any subject within their jurisdiction that is not scheduled before the Board on that day. Due to Open Meeting Laws, the Board cannot discuss or act on items presented during this portion of the agenda. To address the Board on an item that is on the agenda, please wait for the Chair to call for Public Comment at the time the item is heard.

There was no Public Comment.

4. APPROVAL OF MINUTES

(Pages X-X)

Technical Advisory Committee Regular Meeting Minutes of April 24, 2024

A motion was made to approve the Technical Advisory Committee Regular Meeting Minutes of April 24, 2024 by Vice-Chair Reisner. The motion was seconded by Member Bauman. The motion passed unanimously.

B. CONSENT AGENDA

Items on the consent agenda are routine in nature and/or have already been budgeted or discussed by the Executive Board.

C. GENERAL BUSINESS

1. ADOT's STATE HIGHWAY-RAIL GRADE CROSSING ACTION PLAN (SHRAP)

(Pages X-X)

Guest Presenter: Heidi Yaqub, ADOT; Jane Gauger ADOT

Recommendation: None. This item is for information and discussion only.

The guest presenters from ADOT Shared the scope and study of the SHRAP as well as the Action Plan Document.

Transportation Manager Wessel asked if Section 130 projects are typically in the Transportation Improvement Program (TIP). Jane Gauger stated that these projects at Fanning and Ponderosa will be put in the E-STIP (State Transportation Improvement Program) and at that point in the near future, MetroPlan will be notified to put the project in the TIP.

Member Hollander asked if the Section 130, the Railway-Highway Crossings Program, projects were simpler fixes and wondered if they addressed the problems and reduced fatalities. Jane Gauger said the Section 130 focuses on what improvements can be done on a crossing that are manageable and cost effective because they do have such improvements in the budget. Section 130 looks at what can be done to reduce incidences that are cost effective. She stated since Section 130 started there has been an 80% reduction in injuries and incidences at the rail crossings.

Member Bauman asked if there was federal documentation on counter measures and effectiveness specifically regarding the Fanning project. The Federal Rail Association (FRA) keeps track of incidences at crossings and SHRAP uses these reports for analysis and reports to FHWA. SHRAP looks at the incidences, determines the best improvement and then tracks results of the reduction of incidences. Heidi stated the barrier fencing at Fanning will help greatly with pedestrian incidences. The pre-signal at Ponderosa Parkway will help, as has been shown in other projects.

The presenters left the meeting at the conclusion of their presentation at 1:57 p.m.

2. CONSIDER FY2025 BUDGET (Pages X-X)

MetroPlan Staff: Kate Morley

Recommendation: Staff recommends the TAC recommend the Board adopt the FY2025 Budget.

Planning Manager Wessel presented the changes to the elements of the FY2025 budget on behalf of Executive Director Morley.

A motion was made for the TAC to recommend the Board adopt the FY2025 budget by Vice-Chair Reisner. The motion was seconded by Member Bauman. The motion passed unanimously.

3. CONSIDER FY2025-2029 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) (Pages X-X)

MetroPlan Staff: David Wessel

Recommendation: Staff recommends the TAC recommend the Board adopt the FY2025-2029 Transportation Improvement Program (TIP)

Transportation Planner Wessel presented the TIP adoption to the TAC. David Wessel let everyone know that one of the projects, the CDL course, has its grand opening today at 3:30 p.m.

Vice-Chair Reisner asked what the Townsend-Winona Auxiliary Lanes encompassed. Transportation Manager Wessel stated he believed this was shoulder widening and auxiliary lanes from Hwy. 89 to Koch Field Road will confirm what is involved in this project and the timeline for the project. Vice-Chair Reisner stated for the Rural Transportation Advocacy Council project, they will be presenting the roundabout for Burris Lane.

The motion was made for the TAC to recommend the Board adopt the FY2025-2029 Transportation Improvement Program permitting technical corrections by the time of the Executive Board meeting by Member Hollander. The motion was seconded by Vice-Chair Reisner.

Discussion by Member Bauman. Member Bauman stated he had many questions about the tables specifically relating to Table 7, the Safety Table. The links which were forwarded to the TAC did not match and the tables will be updated. These form technical corrections and were noted by Planning Manager Wessel to be corrected. Planning Manager Wessel wondered if the links were updated on the presentation slides and the tables in the attachments and he will confirm with Member Bauman regarding all presented tables.

The motion to recommend the Board adopt the FY2025-2029 Transportation Improvement Program permitting technical corrections by the time of the Executive Board meeting was confirmed. All differences were determined to be technical corrections. The motion passed unanimously.

4. CONSIDER STRATEGIC GRANTS PLAN, FY2025-2027 (Pages X-X)

MetroPlan Staff: Sandra Tavel

Recommendation: Staff recommends the TAC recommend the Board adopt the Strategic Grants Plan for FY2025-2027

Transportation Planner Tavel presented the Strategic Grants Plan for FY2025-2027.

Transportation Manager Wessel said the FTA is an important addition. There may be transit grants that achieve critical roadway improvements.

Member Hollander stated Mountain Line has applied for Bike/Ped connections to transit grants with FTA dollars and there are always opportunities.

Planning Manager Wessel said you can rarely match federal dollars with federal dollars, but you can bring money in to strengthen the grant.

The motion was made that the TAC recommend the Board adopt the Strategic Grants Plan for FY2025-2027 by Member Hollander. The motion was seconded by Vice-Chair Reisner. The motion passed unanimously.

5. CONSIDER W. ROUTE 66 OPERATIONAL ASSESSMENT (OA) CURRENT CONDITIONS AND FUTURE CONDITIONS REPORT (Pages X-X)

MetroPlan Staff: Mandia Gonzales

Recommendation: Staff recommends the TAC approve the W. Route 66 OA Current Conditions and Future Report.

Transportation Planner Gonzales provided some reminders about the Operational Assessment for W. Route 66 and how the assessment is viewed, as well as the desired results of the study. Further Planner Gonzales shared the current and future conditions report.

Chair McNulty shared that in the future the local Preservation Officer could be contacted. This is good for feedback on possible historic structures.

Chair McNulty asked what reducing land use meant. Transportation Planner Gonzales stated it could be related to zoning. All presentation items are ideas for possible future scenarios.

Member Mood asked for clarity about a new I-40 North/South Connection. Planning Manager Wessel said that was in reference to the Woody Mountain Traffic Exchange which may be in the plan in the future.

Member Bauman asked about the reports and if there has been a PAG meeting to go over the first round of information? Transportation Planner Gonzales stated this information has been passed along to the PAG for review.

Member DeGeyter asked for a clarification on the Woodlands Village slide about through lanes which stated it was East of the intersection. Transportation Planner Gonzales said this was a copy and paste error which can be fixed and should be West of the intersection.

The motion was made that the TAC approve the W. Route 66 OA Current Conditions and Future Report by Member Mood. The second was made by Member Hollander. The motion passed unanimously.

6. CONSIDER ADOT PERFORMANCE MEASURES AND TARGETS (Pages X-X)

MetroPlan Staff: David Wessel

Recommendation: Staff recommends the TAC recommend the Board adopt a policy authorizing MetroPlan Staff to accept on the Board's behalf all federally mandated performance targets adopted by ADOT, except for transit.

Transportation Manager Wessel presented the ADOT performance measures and targets and the time limit by MPO's to adopt the targets or present targets of their own. MetroPlan has historically adopted ADOT's measures and targets.

Chair McNulty asked if MetroPlan has measures and targets would MetroPlan be liable for monitoring their own targets. Transportation Manager Wessel said this is true.

Member Hollander asked if the City of Flagstaff had some measures they track and would it be appropriate to adopt the City's? Planning Manager Wessel said the City does have measures and targets yet they do not appropriately mesh for MetroPlan.

The motion was made that the TAC recommend the Board adopt a policy authorizing MetroPlan Staff to accept on the Board's behalf all federally mandated performance targets adopted by ADOT, except for transit by Vice-Chair Reisner. The motion was seconded by Member Hollander. The motion passed unanimously.

7. GREATER ARIZONA FUNDING INITIATIVE, (RTAC BILL) PROJECTS (Pages X-X)

MetroPlan Staff: Sandra Tavel

Recommendation: None. This item is for information and discussion only.

Transportation Planner Tavel presented the Greater Arizona Funding Initiative (RTAC BILL) Projects.

Vice-Chair Reisner asked about how definite the time deadline is for projects in early June. Staff Member Tavel said that a ballpark figure and projects elements including what it is and why it is important need to be submitted then. She needs this information for a one-pager for legislature.

Planning Manager Wessel clarified all the projects nominated by the rural MPO's and COG's go into this bill. It goes through a committee process rather than going to the governor for signature. This is an advocacy tool.

Member Hollander asked if these RTAC projects have ever been funded. David Wessel said yes, these have been successful. In addition, it serves to keep transportation needs in front of the legislature.

Vice-Chair Reisner asked about the August deadline in a previous email. Transportation Planner Tavel said she would clarify all the dates and needs off-line for him.

8. UPDATE ON KEY PERFORMANCE INDICATORS (KPIs) (Pages X-X)

MetroPlan Staff: All Staff

Recommendation: None. This item is for information and discussion only.

Staff Members Wessel, Gonzales, Tavel and Austin presented the Updates on Key Performance Indicators for MetroPlan.

Micro-mobility was confirmed as scooters, skateboards and such.

9. FINAL UPDATE ON BLOOMBERG CHESHIRE SLOW STREET ASPHALT ART PROJECT (Pages X-X)

MetroPlan Staff: Aubree Flores

Recommendation: None. This item is for information and discussion only.

AmeriCorp Fellow Flores presented the Bloomberg Cheshire Slow Street Asphalt Art Project Final Update.

Vice-Chair Reisner asked if the City of Flagstaff had any plans for maintenance. Aubree Flores stated that possibly up to a year of maintenance depending on many factors including snowplowing and longevity of paint.

Transportation Planner Austin reminded everyone this is a temporary project and it will be evaluated.

10. TRIP DIARY SURVEY SCOPE OF WORK

(Pages X-X)

MetroPlan Staff: David Wessel

Recommendation: None. This item is for information and discussion only.

Transportation Manager Wessel shared the elements of the Trip Diary Survey and timeline and development of the survey.

11. DISCUSSION ON ADOT LIGHTING STANDARDS

(Pages X-X)

MetroPlan Staff: David Wessel

Recommendation: None. This item is for information and discussion only.

Transportation Manager Wessel presented the ADOT Lighting Standards. He stated this presentation was prompted by one of the ADOT lighting projects along I-40.

Chair McNulty asked about the consideration for changes in headlights for car? The perfection of the technology for new headlights makes these lights shine down rather than directly at the road.

Transportation Planner Wessel will investigate.

Vice-Chair Reisner asked what ADOT's receptiveness has been toward moving to Dark Skies.

Transportation Planner Wessel stated there has been some consideration of the amber shaded LED lighting.

Member DeGeyter stated that there is an on-going conversation which will continue to evolve about the types of lighting used on ADOT roads meeting ADOT's standards.

Member McNeely said the if it is helpful to MetroPlan and ADOT, the City and County partnered with Camp Navajo and the Observatory on the Joint Land Use Study(JLUS) study a few years back. This was a federally funded grant project which is now an adopted amendment to the County Comprehensive Plan and possibly to the Flagstaff Regional Plan. There was a follow-up project called the Military Installation Study (MIS) and are available at the County's website. These studies will provide good background information on the Dark Skies and Lighting information.

Member Hollander said MetroPlan has many conversations with ADOT and does not want this topic to supersede any current conversation with corridor studies. She stated if MetroPlan believes this would not interfere with any other project of corridor studies and road improvements which she believes would take precedence.

12. METROPLAN HAPPENINGS

(Pages X-X)

MetroPlan Staff: Kate Morley

Recommendation: None. This item is for information and discussion only.

Planning Manager Wessel presented MetroPlan happenings on behalf of Executive Director Morley.

Small Presentations were also given by Chair McNulty and Member Hollander who attended the NACTO. Transportation Planner Tavel shared about the AMPO conference.

CLOSING BUSINESS

13. ITEMS FROM THE BOARD

Board members may make general announcements, raise items of concern, or report on current topics of interest to the Technical Advisory Committee. Items are not on the agenda, so discussion is limited, and action not allowed.

14. NEXT SCHEDULED TECHNICAL ADVISORY COMMITTEE

September 25, 2024

15. ADJOURN

The meeting was adjourned at 3:31 p.m. by Chair McNulty

The Transportation Improvement Program (TIP) includes the Northern Arizona Intergovernmental Public Transportation Authority (NAIPTA) final program of projects for Sections 5307 and 5339 funding under the Federal Transit Administration unless amended. Public notice for the TIP also satisfies FTA public notice requirements for the final program of projects. The MetroPlan Public Participation Plan (PPP) provides public participation notices and processes for NAIPTA as required to meet federal and state requirements for public participation and open meetings.

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at www.metroplanflg.org on May 17, 2024 at 12:00 pm.

Karen Moeller, Clerk of the Board/Admin. Assistant

Dated this 17th day of May, 2024.



METROPLAN

GREATER † FLAGSTAFF

STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kate Morley, Executive Director

SUBJECT: Update on John Wessely Powell Blvd.

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 1: Maximize Funding for Transportation Projects and Programs

Objective 1.4: Clean audits and reviews

3. BACKGROUND:

John Wessely Powell Boulevard (JWP) was identified as a priority in MetroPlan's Regional Transportation Plan Blueprint 2040. It subsequently included in the list of projects to be funded through Proposition 419, which passed in 2018, with the intent to cost share with developers. The design for this road is currently underway, concurrent with new development being proposed in the area. City staff will provide an update on the status of design and associated land uses at the meeting.

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending.

5. FISCAL IMPACT:

None. This item is for discussion only.



METROPLAN

GREATER † FLAGSTAFF

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

None.



METROPLAN

GREATER † FLAGSTAFF

STAFF REPORT

REPORT DATE: September 12, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: David Wessel, Planning Manager

SUBJECT: ADOT Traffic Count Program

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 2: Deliver Plans that Meet Partner and Community Needs.

Objective 2.3: Fill gaps in transportation data and make data accessible.

3. BACKGROUND:

MetroPlan cooperates with ADOT in providing traffic data for the Highway Performance Monitoring System (HPMS). Cooperation includes conducting routine traffic counts. ADOT staff will present an overview of the HPMS program and MetroPlan's status in providing traffic counts.

MetroPlan issued a request for quotes last year for over 150 traffic volumes (48-hour, 15-minute bins), turn movement, and bicycle counts to bring MetroPlan current with HPMS needs. MetroPlan worked with ADOT to develop an annual count program rotating through the region on a three-year cycle and will conduct the 2nd year of that cycle this fall. ADOT and MetroPlan, using land use and traffic count data, will develop growth factors for different parts of the region. These will be used to provide interim year estimates. 17 locations will be counted every year for a full seven-day cycle to develop seasonal and time-of-day factors when combined with continuous count data from ADOT. ADOT encourages the City and County to establish continuous count stations and provide that data to ADOT for general use.

4. TAC AND MANAGEMENT DISCUSSION:

This item has not been taken to the Management Committee.

5. FISCAL IMPACT:

The traffic count program is budgeted at \$33,000.



METROPLAN

GREATER † FLAGSTAFF

6. ALTERNATIVES:

None. This item is for information and discussion only. The TAC may provide direction to staff regarding any specific counts they need to support ongoing or upcoming projects.

7. ATTACHMENTS:

Fall 2024 Count list DRAFT.

MetroPlan Fall 2024 Count List

Site_ID	Road	FromRoad	ToRoad
109	SR-40B (4)	US-89	I-40 Exit 201 J-Ramp
110	SR-40B (5)	290 ft NE of SR-40B nonCard	I-40 Front nonCard
MP-224	SR-40B (5)	I-40 Front nonCard	I-40 Front nonCard
	Ancient Trl	Kona Trl	Tonalea Trl
	Kachina Blvd	Kachina Trl	I-17 Exit 333 J-Ramp
117	Koch Field Rd	Townsend Winona Rd	Silver Saddle Rd
	Kona Trl	Chaco Trl (A)	Ancient Trl
164	Leupp Rd	Townsend Winona Rd	N Copley Dr
118	Silver Saddle Rd	400 ft E of Skeet Dr	Stardust Trl
	Slayton Ranch Rd	Townsend Winona Rd	0.45 mi N of Carl Rd
	Stardust Trl	April Dr	April Dr
MP-249	Tonalea Trl	Toho Trl	Ancient Trl
MP-280	Townsend Winona Rd	US-89	Koch Field Rd
	Yancey Ln	Koch Field Rd	Stardust Trl
	E Arrowhead Ave	N West St	SR-40B nonCard
101	E Butler Ave	420 ft E of I-40 Exit 198 A-Ramp	N Fourth St
194	E Butler Ave	E Ponderosa Pkwy SB	I-40 Front nonCard
MP-284	E Butler Ave	S O Leary St	S Lone Tree Rd
53	E Butler Ave	S Leroux St	S O Leary St
66	E Butler Ave	S Babbitt Dr	E Ponderosa Pkwy SB
101	E Butler Ave	150 ft E of I-40 Exit 198 A-Ramp	420 ft E of I-40 Exit 198 A-Ramp
	E Butler Ave	E Mount Pleasant Dr	N Sky View St
	E Butler Ave	N Sky View St	N Wakonda St
	E Campbell Ave	FS 6064D Rd	US-89
182	E Cedar Ave	E Linda Vista Dr	N West St
182	E Cedar Ave	N Gemini Dr	E Linda Vista Dr
99	E Cedar Ave	N West St	N Fourth St
81	E Cherry Ave	N Leroux St	N San Francisco St
89	E Forest Ave	N San Francisco St	N Turquoise Dr
149	E Fox Lair Dr	N Foxglenn St	I-40 Front
59	E Franklin Ave	S Leroux St	S San Francisco St
105	E Industrial Dr	N Fanning Dr	N Fanning Dr
198	E JW Powell Blvd	S Lake Mary Rd	S Lone Tree Rd
	E Lakin Dr	N Patterson Blvd	N Steves Blvd
98	E Linda Vista Dr	N West St	N Fourth St
202	E Lockett Rd	N Patterson Blvd	N Fanning Dr
188	E Marketplace Dr	US-89	N Mall Way
	E Neptune Dr	260 ft W of Stardust Trail	Stardust Trail
	E Nestle Purina Ave	SR-40B nonCard	E Industrial Dr
200	E Ponderosa Pkwy	N Locust St	N Turquoise Dr
130	E Seventh Ave	N Fourth St	N Patterson Blvd
195	E Soliere Ave	N Fourth St	I-40 Front
41	E Zuni Dr	Leupp Dr	S Lone Tree Rd
	N Bader Rd	W Suzette Ln	US-180
	N Beaver St	W Cherry Ave	W Columbus Ave
150	N Continental Dr	E Butler Ave	N Country Club Dr
	N Cosnino Rd	I-40 Exit 207 D-Ramp	Townsend Winona Rd
107	N Country Club Dr	E Soliere Ave	I-40 Exit 201 G-Ramp
	N Cummings St	N Lynch Ave	E El Paso Dr
112	N Dodge Ave	E Railhead Ave	E Empire Ave
137	N Fanning Dr	SR-40B nonCard	E Linda Vista Dr
126	N Fourth St	E Seventh Ave	E Linda Vista Dr
127	N Fourth St	SR-40B nonCard	E Sixth Ave
	N Fremont Blvd	N Kramer St	N Peak View St
	N Kaspar Dr	E Lockett Rd	N Mountain Meadow Dr
	N Park Dr	SR-40B nonCard	E Lewis Dr
72	N San Francisco St	SR-40B nonCard	E Cherry Ave
	N San Francisco St	E Forest Ave	E Cedar Ave

133	N Steves Blvd	E Lakin Dr	E Elder Dr
70	N Switzer Canyon Dr	SR-40B nonCard	N Turquoise Dr
	N Switzer Canyon Dr	N Turquoise Dr	N San Francisco St
87	N Turquoise Dr	E Ponderosa Pkwy	E Forest Ave
152	N Walnut Hills Dr	E Eagle Crest Dr	E Old Walnut Canyon Rd
119	N West St	E Cedar Ave	E Linda Vista Dr
59	S Beaver St	W Franklin Ave	SR-40B nonCard
59	S Beaver St	E University Dr	W Franklin Ave
189	S Beulah Blvd	S Mountain Dell Rd	W University Heights Dr S
190	S Beulah Blvd	S Woodlands Village Blvd	W McConnell Dr
210	S Beulah Blvd	W McConnell Dr	W Forest Meadows St
11	S Flagstaff Ranch Rd	W Kiltie Ln	400 ft S of I-40 Exit 192 G-Ramp
38	S Lake Mary Rd	E Anita Ave/HIGH COUNTRY	S Cochise Dr
39	S Lake Mary Rd	S Beulah Blvd	I-40 Exit 195 C11-Ramp
	S Lake Mary Rd	490 ft E of FS 867 Rd	380 ft W of S Heckethorn Rd
	S Links Rd	E JW Powell Blvd	S Clubhouse Cir
42	S Lone Tree Rd	E Zuni Dr	220 ft N of I-40 nonCard
	S Lone Tree Rd	E JW Powell Blvd	E Zuni Dr
	S Lone Tree Rd	220 ft N of I-40 nonCard	E Pine Knoll Dr
216	S Riordan Ranch St	Chambers Dr	S Plaza Way
NAU-03212	S San Francisco St	E McConnell Dr	E University Dr
FLA-03163	S State Route 89A	40 ft S of S State Route 89A SB	W Purple Sage Trl
	S Stigreaves St	W Route 66 WB	W Santa Fe Ave
191	S Woodlands Village Blvd	S Beulah Blvd	W Forest Meadows St
14	S Woody Mountain Rd	W Kiltie Ln	W Patio Del Presidio
15	S Woody Mountain Rd	Flagstaff TB	410 ft SW of W Kiltie Ln
	S Woody Mountain Rd	40 ft SW of FS 532 Rd	Flagstaff TB
	W Cherry Ave	N Thorpe Rd	US-180
83	W Columbus Ave	US-180	N Leroux St
89	W Forest Ave	N Beaver St	N San Francisco St
18	W Forest Meadows St	W University Ave	S Woodlands Village Blvd
23	W Forest Meadows St	S Beulah Blvd SB	SR-89A
33	W JW Powell Blvd	W Shamrell Blvd	S Pulliam Dr
33	W JW Powell Blvd	S Pulliam Dr	Airport To Lmr (Puf)
12	W Kiltie Ln	S Flagstaff Ranch Rd	S Woody Mountain Rd
26	W McConnell Dr	E Pine Knoll Dr	S Knoles Dr
212	W Riordan Rd	SR-40B nonCard	SR-89A
	W Schultz Pass Rd	N Stilley Ranch Rd	N Schultz Pass Rd
	W Suzette Ln	N Bader Rd	Serenity Falls Dr
48	W University Dr	SR-89A	Runke Dr
76	W Santa Fe Ave	N Toltec St	SR-40B nonCard



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STAFF REPORT

REPORT DATE: September 05, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Sandra Tavel, Transportation Planner

SUBJECT: Consider Legislative Agenda

1. RECOMMENDATION:

Staff recommend the TAC recommend the Board adopt the proposed legislative agenda.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 1: Maximize Funding for Transportation Projects and Programs

Objective 1.3: Coordinate partner's legislative priorities related to transportation.

3. BACKGROUND:

The MetroPlan Executive Board routinely adopts a legislative agenda to identify strategic objectives aimed at improving transportation in the region. The Board often conveys positions of support for federal and state legislation that addresses funding, planning, policy, and safety initiatives. Activities include issuing letters, adopting resolutions, coordinating with similar organizations, and direct communication with legislative delegates and leadership.

Staff have solicited input from partners in the development of the proposed priorities below.

State Priorities:

- Educate on the benefits of the Greater Arizona Funding Initiative (RTAC Bill) collectively and for individual projects. All projects benefit the region:



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Jurisdiction	Project	RTAC Request
City	Lone Tree Overpass Improvements	18,268,353
County	US89 and Burris Roundabout	5,650,000
Mountain Line	Bus Maintenance Facility - match	2,044,750
Mountain Line	Fixed route electric buses - match	958,613
Total RTAC request		26,921,716

- Continue to seek long term funding solutions for insufficient state transportation revenues for all modes.
- Work with ADOT to revisit and redesign the P2P (Planning to Programming) safety scoring methodology to include State, Regional and Local plan alignment.
 - The P2P process directly informs ADOT's 5-year construction plan
- Educate on the benefits of maintaining and fully funding the AZ SMART fund at \$35 million (possible increase in future years) with partners.
- Develop LTAF2 (Local Transportation Assistance Fund) strategy to reinstate funds.
 - Multi-year issue
 - Mountain Line and other transit agencies to lead
- Continue developing research on Creative Local Match opportunities that include TIF (Tax Increment Financing) and Developer Impact Fees.
- Make the case for the State of Arizona to make reoccurring funding available that can be used by transit across the state to draw down and keep federal funding in Arizona.
- Advocate for the setting of public agency or non-profit electric rates that will facilitate and support the transition to electric fleets.
 - Reduce or remove peak/demand rates for public agencies
- Collaborate with other transit agencies across the state to request the Arizona Department of Transportation distribute transit infrastructure funds in a timely fashion with a fair and transparent process.

Federal Priorities:

- Support reauthorization of and sustained funding levels in the Infrastructure Investment and Jobs Act (IIJA), including discretionary grant programs.
- Support funding for regional project applications submitted for federal grants and congressionally directed spending.
- Support the effort to modernize car safety ratings to consider Vulnerable Users.
- Support funding for long-distance Amtrak routes.
- Ensure annual transit appropriations match authorized levels.
 - The 5-year funding levels authorized in the Infrastructure Investment & Jobs Act (IIJA)/Bipartisan Infrastructure Law (BIL) sets the stage for substantial support and improvement of transportation systems of all sizes across the country. Congress needs to honor these levels each year in the appropriations process.



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4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending

5. FISCAL IMPACT:

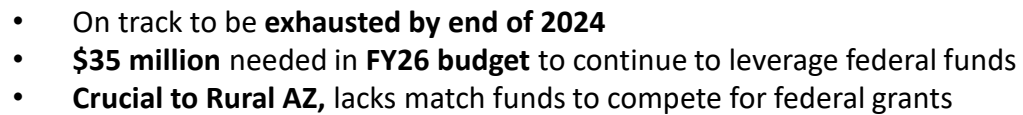
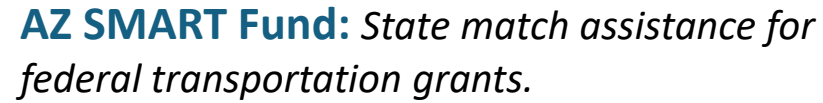
There is no direct fiscal impact from adopting a legislative agenda. However, a clear and coordinated legislative agenda can result in more funding to the region. MetroPlan has a contracted state lobbyist and budgeted from local funds in the amount of \$21,000 annually.

6. ALTERNATIVES:

- 1) **RECOMMENDED: RECOMMEND THE BOARD ADOPT PROPOSED LEGISLATIVE AGENDA. ADOPTING LEGISLATIVE AGENDA KEEPS THE AGENCY CLEAR AND FOCUSED ON LEGISLATIVE GOALS.**
- 2) **Not Recommended:** Do not recommend the Board adopt proposed legislative agenda. The TAC could provide additional direction and input for consideration.

7. ATTACHMENTS:

AZ SMART funding graphic



- ✓ **Strengthen our local economy**
- ✓ **Keep our communities safe**
- ✓ **Support our vital tourism industry**

Adjacent Projects

- A. Mountain Line Downtown Connection Center
- B. USACE Rio de Flag Project
- C. Lone Tree Overpass

WATERSHEDS

- PROTECT PROJECT
- NRCS NEIGHBORHOOD FLOOD MITIGATION
- USFS FUNDED WATERSHED RESTORATION

USFS WATERSHED RESTORATION

LENOX

NAVAJO & HOPI NATIONS

USFS FUNDED WATERSHED RESTORATION

THAMES-BRANDIS

PEACEFUL WAY

COPELAND

CAMPBELL

USFS FUNDED WATERSHED RESTORATIONS

NORTH PAINTBRUSH

SOUTH PAINTBRUSH

GOVERNMENT TANK

BRANDIS WY

BRANDIS BOWL

KEVINS WY

COPELAND LN

COPELAND DETENTION FACILITY

CAMPBELL AVE

N. NORTH FORK RD

GOVERNMENT TANK PIPE, CULVERTS AND CHANNEL

CINDER LAKES

FLAGSTAFF

HP427

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STAFF REPORT

REPORT DATE: September 12, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Karen Moeller, Administrative Assistant and Clerk of the Board

SUBJECT: Consider Election of a Chair and a Vice-Chair for MetroPlan Technical Advisory Committee

1. RECOMMENDATION:

Staff recommends the Technical Advisory Committee elect a Chair and Vice-Chair for the term January 1, 2025 to December 31, 2025.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 2: Deliver Plans that Meet Partner and Community Needs.

Objective 2.4: Position partners for successful implementation of plans.

3. BACKGROUND:

MetroPlan's By-Laws have established requirements for the Chair and Vice-Chair Technical Advisory Committee.

Section 7.2.4. of the By-Laws states:

7.2.4 TAC OFFICERS

7.2.4.1 The TAC members shall elect a Chairperson and a Vice Chairperson of the TAC. Each shall serve without compensation and for a period of one year. Each position is renewable upon a vote of the TAC members, without restriction as to the number of terms served. In the absence of the Chairperson, or upon her/his inability to act or serve, the Vice Chairperson shall assume the duties of the Chairperson.

7.2.4.3 It is generally preferred, but not required, for the Chairperson and Vice Chairperson to be from two different jurisdictions.

Chair McNulty and Vice-Chair Reisner have both served three terms and are eligible, according to the By-Laws, to serve unlimited terms.



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4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

This item has not been taken to the Management Committee.

5. FISCAL IMPACT:

There is no fiscal impact.

6. ALTERNATIVES

Recommended: Elect a Chair and Vice-Chair for the term January 1, 2025 to December 31, 2025.

Not Recommended: Do not elect a new Chair and Vice Chair. If the election does not take place, there will be a leadership gap in the TAC and the continuity of meetings will be interrupted.

7. ATTACHMENTS:

None



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STAFF REPORT

REPORT DATE: September 13, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kim Austin, TDM Planner

SUBJECT: Transportation Demand Management Update

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 4: Implement Programs that Encourage Mode Shift.

Objective 4.1: Conduct community-oriented multimodal demonstration and pilot project.

3. BACKGROUND:

Safer People Campaign: Staff are making progress on the Safer People education campaign to make progress in the Safer People category of FHWA's Safe Systems Approach. MetroPlan Executive Board approved hiring Mountain Mojo Group for this branded educational safety campaign. MetroPlan will be meeting with Mountain Mojo in the coming months to develop a timeline and specific safety messages to deliver.

Safe Routes to School: MetroPlan, in partnership with the City of Flagstaff and Mountain Line, received a Transportation Alternative/Safe Routes to School (TA/SRTS) grant through Arizona Department of Transportation (ADOT) for both infrastructure and non-infrastructure projects. The SRTS model contains 6 E's: Engineering, Education, Encouragement, Equity, Evaluation, and Engagement.

A request for qualifications (RFQ) was released on September 13, 2024, and will close on October 15, 2024. This RFQ is for the infrastructure portion of the grant for up to 30% designs with the objective to make it comfortable for people to get to these schools by walking, biking or other non-vehicular means from surrounding neighborhoods. There are three (3) task orders included in the grant: Feasibility study of a left turn at Pine Cliff and Forest, Knoles Elementary improved crossing and sidewalk infrastructure,



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and the Fourth (4th) Street Corridor complete streets design (including 6th Street and Cedar improvements). In addition to the infrastructure, the grant included a non-infrastructure project to work with local schools to increase safe walking/biking, decrease parent drop offs, and decrease congestion and traffic. Our new SRTS coordinator, Corey Cooper, is conducting school observations during morning drop off and afternoon dismissal and conducting stakeholder interviews to understand where programmatic efforts will be most useful. School area crash maps have also been created to help with decision-making.

Asphalt Art toolkit: Staff are working on a toolkit for other organizations to use as a guide for implementing similar projects within their own communities.

Events: MetroPlan, in partnership with the city of Flagstaff and Flagstaff Biking Organization, will be hosting a League of American Bicyclists (LAB) League Certified Instructor course in October. This 3-day training will prepare prospective educators to teach the League's bike safety curriculum to people of all ages and at various levels of experience. Newly certified LCIs are empowered and equipped to teach courses that cover youth riding, how to ride confidently and legally with other traffic, how to share paths and trails, motorist education, bike handling and avoidance maneuvers, group riding, and more.

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

This item has not been taken to the Management Committee.

5. FISCAL IMPACT:

All projects highlighted are within the FY2025 budget.

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

None.



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STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kate Morley, Executive Director

SUBJECT: FY2024 Year End Financial Report

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 1: Maximize Funding for Transportation Projects and Programs

Objective 1.4: Clean audits and reviews

3. BACKGROUND:

This report provides a year end close out for the FY2024 amended budget. Budgeted expenses were \$2,158,115. Actual FY2024 expenses were under budget at \$1,200,061. This is about 55% underbudget, primarily due to projects, which were fully budgeted in FY2024 but will take several years to deliver. Revenues are similarly underbudget as we operate primarily on a reimbursement basis. Unspent funding can be used in future years as revenue is formula grant funds that will carry forward.

Looking more deeply into budget categories we see the following:

- **Salary and Benefits:** MetroPlan budgeted \$760,186 and spent \$659,361. This is primarily due to not hiring the Transportation Demand Management Planner until halfway through the fiscal year and not hiring the Safe Routes to School Coordinator in the fiscal year which was anticipated to happen 6 months into the fiscal year.



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- Operations: MetroPlan budgeted \$235,462 and spent \$85,137. The savings are mainly due to lower IT costs than anticipated, not using anticipated public outreach funding, and not fully expending the memberships line.
- Travel: MetroPlan budgeted \$18,000 and expended \$34,529. MetroPlan was awarded a grant which allowed staff and Board to travel to the National Association of City Transportation Officials. This revenue and travel were unanticipated at the beginning of the year.
- Projects: MetroPlan budgeted \$1,144,467 for projects including \$165,000 for West Route 66, \$450,000 for the Downtown Mile, \$231,000 in Safe Routes to School funds, \$200,000 in the Vulnerable Roadway Users (VRU) Plan, and \$50,000 for smaller projects like data collection. The category also includes \$125,464 in planning contingency which allows the agency to be nimble in responding to needs. MetroPlan spent \$421,035 in FY2024. None of the identified projects were completed in FY2024 and will carry over into FY2025. Safe are on track to complete the VRU, Downtown Mile, and West Route 66 plans in FY2025.

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

The Management Committee had no questions.

5. FISCAL IMPACT:

MetroPlan has a sustainable 5-year budget.

6. ALTERNATIVES:

None. This item is for information and discussion only.

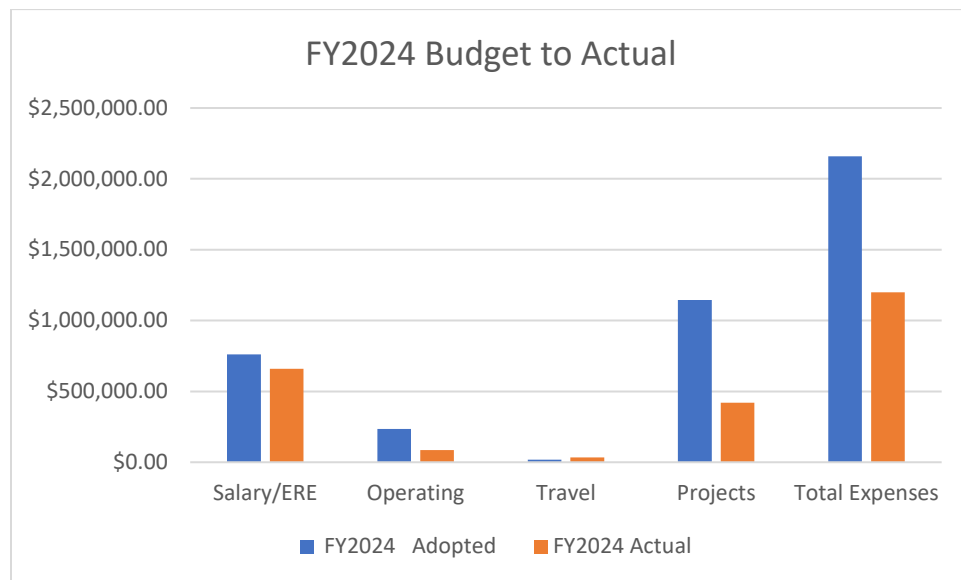
7. ATTACHMENTS:

FY2024 Year End Financial Report

Financial Report

Quarter 4 FY2024

	Adopted	Actual
Revenue		
Formula Grants	\$2,153,459.00	\$930,308.46
Competitive Grants	\$1,589,147.00	\$184,084.57
Local Revenue	\$129,447.92	\$157,704.93
Total Revenue	\$3,872,053.92	\$1,272,097.96
Expenses	FY2024	FY2024
	Adopted	Actual
Salary/ERE	\$760,186.00	\$659,361.50
Operating	\$235,462.00	\$85,135.62
Travel	\$18,000.00	\$34,528.69
Projects	\$1,144,467.00	\$421,034.70
Total Expenses	\$2,158,115.00	\$1,200,060.51





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STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Mandia Gonzales, Transportation Planner

SUBJECT: West Route 66 Operational Assessment Update

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 2: Deliver Plans that Meet Partner and Community Needs

Objective 2.4: Position partners for successful implementation of plans.

3. BACKGROUND:

The West Route 66 Operational Assessment is part of a multi-jurisdictional effort to determine the best project(s) investment of the City's 419 tax initiative funds to support multi-modal improvements along W. Route 66 and to support the expansion of Mountain Line's Route 8 to service the new communities and businesses along the corridor. www.metroplanflg.org/wr66

Where are we in the assessment process?

The assessment is just over half complete and is on schedule. The Project Advisory Group (PAG) made of both TAC members and agency staff has finalized and approved the following deliverables:

- Current Conditions Report
- Future Condition Report
- Policy-Based Criteria
- Transportation modeling for the Regional Plan scenarios A-E
- Microsimulation network calibration and software for a more detailed modeling effort



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What is the PAG working on now?

- Evaluation processes of the policy-based criteria
 - This will be used to help select future project(s) that meet local, regional, and state policies and goals.
- Reviewing Regional Plan Scenarios and Transportation Solutions
 - This step looks at the Regional Plan Scenarios, and potential transportation solutions, and applies policy-based criteria to score the best solution and outcomes from both the regional plan and potential transportation solutions.
- Basis of Design Document
 - The Basis of Design (BOD) Document records the existing policies, design standards, and assumptions behind major project selection and design decisions made by the Project Advisory Group. The document lays the foundation for the design and construction process in future engineering and meets the project's 15% design level. As the primary road owner, we will honor ADOT's jurisdictional requirements to ensure an implementable project. However, pending further exploration of solutions, this topic may be revisited if current standards do not meet City goals.

Upcoming Milestones:

- Reduce scenarios and solutions to those that are best, based on policy for future implementation
- The PAG will advance their selection of scenarios and solutions to microsimulation by NAU
- Preliminary approval of the Basis of Design Document

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending.

5. FISCAL IMPACT:

None. These items are updates only.

6. ALTERNATIVES:

None. This item is for information and discussion only.



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7. ATTACHMENTS:

All draft documents and appendices completed to date can be found at www.metroplanflg.org/wr66 or the links below:

- [W. Route 66 Current Conditions Report](#)
- [W. Route 66 Future Conditions Report](#)
- [Policy Based Criteria](#)



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STAFF REPORT

REPORT DATE: September 13, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kim Austin, TDM Planner

SUBJECT: Final Report on Bloomberg Cheshire Slow Street Asphalt Art Project

1. RECOMMENDATION:

Note: This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 4: Implement Programs that Encourage Mode Shift.

Objective 4.1: Conduct community-oriented multimodal demonstration and pilot project.

3. BACKGROUND:

MetroPlan, in partnership with Creative Flagstaff, the City of Flagstaff, and Flagstaff Arts and Leadership Academy, received a Bloomberg Foundation grant for an asphalt art project on Fremont Blvd in the Cheshire neighborhood. The project was completed in May of 2024, and the goal of the project was to slow speeds and make the roadway and crossing safer for both pedestrians and bicyclists.

The City of Flagstaff conducted a post-project speed study in July of 2024. The findings of the speed study show an overall decrease in vehicle speeds. In addition to the speed study, MetroPlan conducted a community survey to determine perceived safety of the roadway, post project installation. The City of Flagstaff presented the results at the Transportation Commission meeting on September 4, 2024 (please see attached PowerPoint presentation). The results of the survey showed an overall increase in perceived safety of the road and the crosswalk, as well as a decrease in negative driver behavior and vehicle speeds. MetroPlan included a question in the survey asking if the community would like to see other similar projects within Flagstaff and most of the respondents said yes.

Flagstaff's Bloomberg Asphalt Art project is officially on the Bloomberg website. Please see attachment below to view our project.



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4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending

5. FISCAL IMPACT:

This project was a grant-funded project at \$25,000 however none of the money flowed through MetroPlan. Creative Flagstaff was the fiscal agent for this project. MetroPlan provided staff time at no cost to the project.

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

[Reducing traffic lanes and speeding with art | Asphalt Art \(bloomberg.org\)](#)



Fremont Update
8.7.24.pdf



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STAFF REPORT

REPORT DATE: August 30, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Sandra Tavel, Transportation Planner

SUBJECT: ADOT Planning to Programming (P2P) Project Prioritization and Scoring Criteria, Process and Timeline

1. RECOMMENDATION:

None. This item is for discussion.

2. RELATED STRATEGIC WORKPLAN ITEMS:

Goal 1: Maximize Funding for Transportation Projects and Programs

Objective 1.3: Coordinate partner's legislative priorities related to transportation.

3. BACKGROUND:

MetroPlan seeks input from the TAC on developing a process and confirming a timeline for ADOT project prioritization and scoring criteria to enhance its strategy for nominating regional projects on ADOT roadways in the Planning to Programming (P2P) process that informs ADOT's 5-year Construction Program, to have a better chance of projects being funded.

ADOT funds projects on the state system through their P2P process. Projects are nominated annually through various sources (MPOs, COGs, jurisdictions, plans and studies, legislators, agencies and members of the public); then ADOT scores and prioritizes projects that fall into four categories. Top scoring projects are then placed into ADOT's 5-year construction program in the following categories:

- **Pavement Preservation** – Activities that improve or sustain the condition of road pavement and bridge facilities to a state of good repair.
- **Bridge Preservation** – Activities that improve or sustain the condition to a state of good repair.
- **Modernization** – Improvements to the existing system that upgrade efficiency, functionality, and safety *without* adding capacity.
- **Expansion** – Improvements that *add capacity* through new roads, adding lanes to existing highways, new rail, and constructing new grade separated overpasses/underpasses.



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MetroPlan has noted that in ADOT's 2025-2029 Capital Budget for District 5 the MetroPlan region is behind in state funding for Modernization and Expansion, compared to the other districts:

5 Year Capital Budget						
	District 1	District 2*	District 3	District 4	District 5	District 6
Preservation	\$ 154,071,802	\$ 36,389,098	\$ 130,699,870	\$ 134,567,931	\$ 550,816,669	\$ 520,864,139
Modernization	\$ 27,201,098	\$ 20,923,636	\$ 14,800,000	\$ 36,359,087	\$ 32,943,695	\$ 103,316,332
Expansion	\$ 30,000,000	\$ -	\$ 20,081,938	\$ 120,800,000	\$ -	\$ 27,743,450
Total	\$ 211,272,900	\$ 57,312,734	\$ 165,581,808	\$ 291,727,018	\$ 583,760,364	\$ 651,923,921
Modernization+ expansion	\$ 57,201,098	\$ 20,923,636	\$ 34,881,938	\$ 157,159,087	\$ 32,943,695	\$ 131,059,782
		*Not including Pima County				

Project Nomination and Prioritization Process

MetroPlan is looking to improve its regional strategy to fund priority projects on the state system by developing a project prioritization and scoring process, outside of ADOT's P2P/internal scoring process so that we may effectively advocate for specific projects to be funded. MetroPlan intends to create a scoring process that is relatively subjective rather than technical through a committee of MetroPlan and ADOT staff to be vetted by the TAC in January 2025. The goal is to come up with a comprehensive list of projects on state owned roadways and prioritize projects for funding.

Staff are seeking TAC input on potential scoring criteria, based on MetroPlan's adopted transportation values. Suggested criteria could include:

- Citation in a State, Regional and/or Local Plan or Roadway Safety Audit such as ADOT ATSAP (Active Transportation Safety Action Plan), ADOT Long Range Plan, ADOT Milton/180 Corridor Master Plans, MetroPlan Regional Transportation Plan, MetroPlan Regional Transportation Safety Plan, or City of Flagstaff Active Transportation Master Plan.
- Safety metrics including
 - Location on the High Injury Crash Network, and
 - Identified as a safety solution in a plan.
 (While not available at this time, future updates could include site specific crash data metrics.)
- Supports economic vitality, community character and social connection including
 - Projects located on or that have significant impact on disadvantaged communities
 - Committee evaluation
- Supports the natural environment including
 - Climate action goals measured by focus on multimodal
 - Enhancing natural systems such as waterways, dark skies, and wildlife linkages
- District support measure by
 - Unsupported projects should remain on the list but not be ranked.
 - Low, moderate and high support should be reflected in project rankings.

District support is key to strategy as without it, projects will not move forward in the P2P process.



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Staff are also seeking TAC review of the project to list to ensure that any desired projects are on the list. Staff will work with ADOT in the coming to remove old items, duplications and clarify projects.

MetroPlan proposes the following timeline and actions:

Month	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	May-25
Events & Stakeholders	TAC meeting	MetroPlan and ADOT			TAC Meeting	MetroPlan Strategic Advance	P2P Project Nominations for FY30-34
Actions	Discuss projects and scoring	Continue to refine project list			Review refined list of projects	Develop final project list in order of priority	Nominate projects
	Develop process for project selection and	Finalize MetroPlan scoring criteria - how to score projects					
	Provide feedback to MetroPlan by Oct 9 (within 2 weeks) of any missing projects	Score and prioritize projects					

ADOT's Safety Scoring Criteria Methodology

A separate but simultaneous strategy for exploration is working with ADOT over the next year to consider modifying their methodology (performance targets and measure) for safety scoring in the Modernization category to include alignment with projects cited in ADOT's Active Transportation Safety Action Plan (ATSAP) or other state, regional or local safety plans. Adding plan alignment to the safety measure could help achieve MetroPlan's Vision Zero efforts and national strategies to decrease transportation deaths and serious injuries.

The MetroPlan region experiences high active transportation user injury rates. Milton is also the highest-ranking road on the local high injury crash network in the region. Enhancing the focus on safety via plan alignment could help prioritize and bring important projects that reflect safety solutions that contain proven countermeasures that could reduce injury and death to the region.

If the TAC supports, this item would be included in the legislative agenda.

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending.

5. FISCAL IMPACT:

There are no direct fiscal impacts to MetroPlan. However, having projects included in the P2P is a crucial step to getting them funded in ADOT's construction program.

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

Priority Project listing: *draft* of list of regional ADOT projects

*Route Name	*Route #	*From Milepost	*To Milepost	*Nomination Source	*Project Name	Technical Group	Scope of Work	*Total Estimated Cost (\$)	Comments
I	17	322	328.8	Statewide Wildlife Vehicle Conflict Study	Short term option B - Drop in overpass and retrofit fencing	Wildlife	Drop in overpass at MP 327.4, wildlife fencing, escape ramps, cattle guard extension grates, enhanced alert signage, double wide gates	\$7,225,680	
I	17	322.5	336.1	I-17 DCR	I-17 Elk Fencing	Wildlife	Elk Fencing	\$3,608,411	
I	17	331.1	337.4	Statewide Wildlife Vehicle Conflict Study	Short term option A - Drop in overpass and retrofit fencing	Wildlife	Drop in overpass at MP 333.3, wildlife fencing, escape ramps, cattle guard extension grates, enhanced alert signage	\$7,065,080	
I	17	333	333	Statewide Wildlife Vehicle Conflict Study	Willard Spring Meadow Wildlife crossing (MP	Environmental	Wildlife crossings		ADOT Project F0538. WL023 to WL025
I	17	341	341.13	MetroPlan & Mountain Line TIA for McConnell/Pine Knoll transit stop study	McConnell NB off ramp	MetroPlan	Construct Roundabout	\$ 7,134,000	NEW PROJECT NOMINATION FOR FY24-28 CYCLE. Cost is inflated from roundabout
I	40	184	190	CPS I-40W: CA State Line to Junction I-17, June 2022	Bellemont Area Safety Improvements	MPD Study	Rehabilitate shoulders (includes new striping, delineators, safety edge and rumble strips) 184 – 190. Install curve warning signs and chevrons (EB MP 189 – 189.5)	\$7,694,500	
I	40	187.41	187.41	I-40 DCR	I-40 MP 187.41 Wild life Crossing	Wildlife	Wild life crossing	\$6,755,000	
I	40	188	190	Statewide Climbing and Passing Lane Study	EB Climbing lane I-40 MP 188-190	MPD Study	Construct EB climbing lane	\$12,543,000	
I	40	189.2	189.5	Geohazard MGMT Group	West of Flagstaff	Rockfall/Geohazard	Rockfall	\$1,230,000	This project was not included in the scope for FY 19 Pavement Pres project Parks TI /
I	40	190	196	CPS I-40W: CA State Line to Junction I-17, June 2022	Flagstaff Area Safety Improvements	MPD Study	Rehabilitate shoulders (includes new striping, delineators, safety edge and rumble strips	\$7,683,000	
I	40	191	193	Statewide Climbing and Passing Lane Study	WB Climbing lane I-40 MP 193-191	MPD Study	Construct WB climbing lane	\$12,543,000	
SR	40	192	195	Flagstaff Urban Mobility Study	W. Route 66 Edge Improvements		Pedestrian, bicycle, curb, gutter, drainage, transit, lane improvements	\$ 12,000,000.00	
SR	40	192.58	195.45	City of Flagstaff Fiber Plan	W. Route 66 Fiber Optic cable	MetroPlan	Install 2.87 miles of fiber optic cable	\$ 1,498,140	Assumes a unit cost of \$450,000 per mile from City of Flagstaff draft fiber plan.
SR	40	192.6	193.6	Regional Transportation Safety Plan	W. Route 66 widening	MetroPlan	Widening	\$18,000,000	Added to the P2P Modernization List since the project limits do not exceed more than a mile in length (note: project needs to exceed more than a mile in order to be scored in P2P Expansion List). Also - portion of this roadway is within Coconino County maintenance (starting at MP 193.25 and going westerly).
SR	40	193.26	195.45	MetroPlan - tentative West Route 66 CMP	W. Route 66 Complete Street improvements	MetroPlan	Install turn lanes, crosswalks, signals, bike lanes, bus stops	\$ 34,800,000	NEW PROJECT NOMINATION FOR FY24-28 CYCLE. Cost is a placeholder. MetroPlan has a CMP scheduled for initiation in January 2023.
SR	40	193.3	193.5	TSMO	Business Route 40 and Woody Mountain	TSMO	Install Traffic Signal	\$200,000	Not warranted yet but should meet soon based on development projections. Conduit
I	40	193.45	193.45	I-40 DCR	Woody Mnt. TI	TSMO	Construct new TI. Lower profile and modify intersections at on/off ramps to roundabouts.	\$48,300,000	very low imo
SR	40	193.75	193.75	District	EB Left Turn Lane at South Millis Lane	District	Add to: SB40, MP193.3 to MP199.97, Alvan Clark Way to N Fanning Drive pavement preservation project, currently in Planning Level Scoping as of 10/3/2023	\$345,000	Complaints received by public regarding lack of left turn lane. Regional Traffic noted that this is the only drive without one and it would be beneficial.
SR	40	194.4	194.6	TSMO	Business Route 40 and Thompson St.	TSMO	Install Traffic Signal	\$300,000	No, restripe/reconfigure

*Route Name	*Route #	*From Milepost	*To Milepost	*Nomination Source	*Project Name	Technical Group	Scope of Work	*Total Estimated Cost (\$)	Comments
SR	40	195	195.5	Milton/US 180 CMP	Route 66 - West Leg Pedestrian Crossing Improvement (Flagstaff area)		Improve the west leg ped crossing by shortening the crossing length through the inclusion of a pork chop at the SWC. Scope of work defined in Milton Corridor Master Plan.	\$1,125,000	High priority project by NC District, MetroPlan, and City of Flagstaff. Was a candidate for CRP Funding, but not selected for inclusion into the FY24-28 Five Year
I	40	195	195	State Freight Plan / FMPO RTP	I-40 (EB to NB system ramp at I-40/I-17/SR 89 interchange)	Freight	I-40/I-17 System Interchange Improvements	\$ 82,000,000	PROJECT WAS E015 ON EXPANSION LIST. THIS PROJECT WAS REVIEWED & DETERMINED TO BE A MODERNIZATION PROJECT. District Comment: Verify scope/cost in Freight Plan. Is this the Lone Tree DCR recommendation? (Freight Plan Identifies 5 year FAST Act funding should be prioritized for the I-40 US 93 interchange Improvements, I-10/US 191 System Interchange Improvements and RR underpass.) Not recommended to carry this project forward until those three projects are addressed.) Reassess the project cost
SR	40	195.4	195.6	TSMO	S. Milton Road and Business Route 40 through Flagstaff	TSMO	Construct new ADA ramps & ped refuge island at Plaza		
SR	40	195.5	198.45	PSAP	Project 8: SR 40B Pedestrian Safety Improvements	MPD Study	Construct a raised median between 1st Street and Park Drive; Construct a PHB southwest of 4th Street	\$1,992,242	Benefit-Cost Ratio 4.9
I	40	195.5	199.5	statewide Wildlife Vehicle Conflict Study	Retrofitting with wildlife fence	Wildlife	Wildlife fence, escape ramps, alert signage	\$654,720	
SR	40	195.8	195.9	MetroPlan	BNSF Bridge Replacement	TSMO	Replace bridge to support three main tracks and 6-lane arterial with pedestrian and bicycle facilities	\$27,840,000	MetroPlan: Rough estimate from Mountain Line BRT study c. 2014 District: Project should be paid for by
I	40	196	202	CPS I-40E: I-17 to AZ/NM State Line, June 2022	Flagstaff Lighting	MPD Study	Install offset lighting along I-40 between MP's 196 and 202 by connecting to existing power. This includes light poles, luminaires, pull boxes, conduit, and conductors.	\$10,540,000	June 2024: cost estimate and scope updated.
I	40	196	200	CPS I-40E: I-17 to AZ/NM State Line, June 2022	Flagstaff Safety Improvements (MP 196 – 200)	MPD Study	Rehabilitate shoulder and widen the inside shoulder and rock-fall mitigation (wire mesh) near MP 199.	\$24,185,500	
I	40	196	196.5	MetroPlan	Lone Tree TI Improvements & Bridge Widening		Lengthen the bridges on Interstate 40 eastbound and westbound over Lone Tree Road at MP 196.26, structure numbers 1180 and 1181 to accommodate	\$150,000,000	Existing clearance is 15'-3" from the top of the Lone Tree to the bottom of the bridge. Need added costs for pumping and raising. I-
SR	40	196.07	196.2	District	Right turn lane westbound SR40B to US 180- Left turn lane eastbound SR40B- US 180	TSMO	Adding turn lanes and receiving lanes	\$1,800,000	add SB third lane (even 4th lane)
SR	40	197.2	197.3	District	Westbound right turn lane at Switzer canyon	TSMO	Adding turn lane		add SB as well
I	40	198	198	Initial I-40 DCR	Butler TI pedestrian and bicycle improvements		Pedestrian & bicycle improvements	\$ 3,550,000.00	
I	40	200	207	CPS I-40E: I-17 to AZ/NM State Line, June 2022	East Flagstaff Safety Improvements (MP 200 – 207)	MPD Study	Improve skid resistance from MP 200 to 202 by reconstructing pavement, increasing super-elevation, or mill and replace.	\$15,260,000	
I	40	201.15	201.13	Civil Rights Office	I 040201E	ADA	Improvements to Non Compliant Sidewalks		

*Route Name	*Route #	*From Milepost	*To Milepost	*Nomination Source	*Project Name	Technical Group	Scope of Work	*Total Estimated Cost (\$)	Comments
I	40	205	205		Walnut Canyon RWIS	TSMO	Install RWIS		
I	40	207	212	CPS I-40E: I-17 to AZ/NM State Line, June 2022	Winona Safety Improvements (MP 207-212)	MPD Study	Improve skid resistance from MP 207 to 208 and from MP 210 to 212 by reconstructing pavement, increasing super-elevation, or mill and replace.	\$22,890,000	
I	40	212	218	CPS I-40E: I-17 to AZ/NM State Line, June 2022	East Winona Safety Improvements (MP 212-218)	MPD Study	Rehabilitate shoulder and widen the inside shoulder.	\$16,377,500	
I	40	235	235	ADOT Rest Area Study	I-40 MP 235 Truck Parking		truck parking	\$ 800,000.00	
SR	89	402	403.63	MetroPlan	Milton Road Fiber Optic cable	TSMO	Install 1.63 miles of fiber optic cable	\$884,894	MetroPlan: Assumes a unit cost of \$450,000 per mile from City of Flagstaff draft fiber plan
SR	89	402	404	Milton/US 180 CMP	Milton Road Spot Improvements-Crosswalks, ADA, and Pedestrian Staging	MPD Study	Install High Visibility Cross Walks, Maintain ADA Compliant Curb Ramps, and Improve Pedestrian	\$1,250,000	
SR	89	402.151	402.111	Civil Rights Office	SA089	ADA	Improvements to Non Compliant Sidewalks		
US	89	402.7	403	Milton/US 180 CMP	SR 89A at Plaza Way - South Leg Pedestrian Crossing Improvement		Improve south leg ped crossing by shortening the crossing length through the inclusion of a pork	\$1,025,000	High priority project by NC District, MetroPlan, and City of Flagstaff. Was a
US	89	418	421	State Freight Plan / FMPO RTP	US 89/I-40 System Interchange Improvements	MetroPlan/Freight	TI Improvements	\$ 29,000,000	PROJECT WAS E037 ON EXPANSION LIST. THIS PROJECT WAS REVIEWED &
US	89	420	424	Statewide Wildlife Vehicle Conflict Study	Intermediate term option - Wildlife fencing option	Wildlife	Wildlife fencing, cattle guards, escape ramps, alert signage	\$757,240	
US	89	420	424	Statewide Wildlife Vehicle Conflict Study	Short term option - Integrated radar and detection system	Wildlife	Mobile ORAD radar unit and 8 blank out signs(12 month lease)	\$120,000	Purchase of radar unit cost - \$450,000
US	89	420	424	Statewide Wildlife Vehicle Conflict Study	Short term option - Wildlife collision prevention zone	Wildlife	Signage, rumble strips and speed reduction	\$52,800	
US	89	420.8	420.8	Statewide Wildlife Vehicle Conflict Study	Long term option - Drop in overpass	Wildlife	Drop in overpass	\$2,750,000	
US	89	421.62	421.62	MetroPlan	US 89 @ Burris traffic signal		Install traffic signal	\$ 400,000.00	
US	89	424.1	427.95	Legislative Nomination (Senator Rogers)	US 89 - MP 424.10 to 427.95 (Government Tank Rd to Lenox Rd) Flood Mitigation	Northcentral District	This project would target flood mitigation projects along Hwy 89 in the area between the intersections with Lenox Rd to the north and Government Tank Rd to the south. This work is particularly necessary given the damage caused by post-wildfire flooding events, many of which have resulted in delays and closures of the highway. Work could include rehabilitation of structural damage to the highway, as well as mitigation efforts, such as culverts.	\$108,808,024	Potential State contribution of \$5,029,210
US	89	428	432	CPS US 89: Flagstaff to Utah State Line, June 2022	Sunset Crater Safety Improvement		-Install high visibility striping and delineators, reflective pavement markers, and rumble strips in both directions	\$952,500	June 2024: cost estimate updated.
US	89	436	440	CPS US 89: Flagstaff to Utah State Line, June 2022	Antelope Hills Safety Improvement		-Install high visibility striping and delineators, reflective pavement markers, and rumble strips in both directions	\$10,124,000	June 2024: cost estimate updated.
US	89	460	461	CPS US 89: Flagstaff to Utah State Line, June 2022	South Cameron Freight Improvement		-Construct southbound passing lane from MP 460 - 461	\$8,489,500	June 2024: cost estimate updated.
US	89	467	475	CPS US 89: Flagstaff to Utah State Line, June 2022	North Cameron Safety Improvement Option B		-Install high visibility striping and delineators, reflective pavement markers, and rumble strips in both directions	\$15,314,500	June 2024: cost estimate updated.

*Route Name	*Route #	*From Milepost	*To Milepost	*Nomination Source	*Project Name	Technical Group	Scope of Work	*Total Estimated Cost (\$)	Comments
US	89	488	492	CPS US 89: Flagstaff to Utah State Line, June 2022	Willow Springs Safety Improvement		-Install high visibility striping and delineators, reflective pavement markers, and rumble strips in both directions	\$878,500	June 2024: cost estimate updated.
US	89	506.3	507.3	Stormwater and Erosion Control Study	NC District - Proj.B	MPD Study	Tanner Wash getting closer to US 89, potential for highway failure.		
US	89	524	545	Northcentral District	US 89A - US 89 to Vermillion Cliffs		Shoulder Widening	\$ 31,200,000.00	Requested by Coconino County. Costs baed on H8245.
US	89	531	535	CPS US 89: Flagstaff to Utah State Line, June 2022	Waterhole Canyon Freight		-Construct northbound passing lane from MP 534.5 - 535.5 Construct southbound passing lane from MP 531.5 - 533	\$21,224,000	June 2024: cost estimate updated.
US	89	545	566	Northcentral District	US 89A - SR 67 to MP 593		Shoulder Widening	\$ 31,200,000.00	Requested by Coconino County. Costs baed on H8245.
US	89	556		Stormwater and Erosion Control Study	NC District - Proj.C	MPD Study	Wash on the north side of US 89A at MP 556 is within 5-feet of highway.		
US	89	581	593	Northcentral District	US 89A - SR 67 to MP 593		Right of Way fencing	\$ 2,843,068.80	Requested by Coconino County. Construction cost based on \$19/lf from F262
US	89			Bicycle-Pedestrian Road Safety Assessment, NE, SR89A/Milton Rd	Milton bicycle and pedestrian safety	MetroPlan	Pedestrian signals, leading intervals, retroreflective tape, pedestrian ramps, curb extensions, RRFB beacon signal at Chambers Dr and Milton, restripe, reduce speed limit, signage	\$831,880	Forest Meadows to Mike's Pike
US	89			City of Flagstaff Active Transportation Master Plan	Enhance restricted Crossings	MetroPlan	Add crossings on prohibited crossings on Milton, Fanning, Lockett, Steves, Arrowhead, Ponderosa,		Need milepost locations and cost estimate.
US	89			Regional Transportation Safety Plan	Milton and Riordan Rd Intersection	MetroPlan	Improve traffic signal timing and coordination, left turn phasing evaluation/improvement, high visibility crosswalks		
US	180	215.44	219.65	Milton/US 180 CMP	US 180-Shoulder Widening	MPD Study	Shoulder widening, MP 219.16-219.65. Hidden Hollow Rd to Magdalena Rd	\$737,000	
US	180	215.44	223	US 180 Corridor Master Plan	US 180 Corridor Wide Improvements (Flagstaff Area)	MPD Study	Ladder/High-visibility crosswalks; ADA-compliant curb ramps; pedestrian crossing improvements;	\$3,550,000	This project was in the previous Five Year Construction Program, funded by CRP
US	180	215.788	215.728	Civil Rights Office	U 180	ADA	Improvements to Non Compliant Sidewalks		
US	180	219	221	Statewide Climbing and Passing Lane Study	WB Climbing lane US 180 MP 219-221	MPD Study	Climbing lane	\$11,187,000	
US	180			City of Flagstaff	US 180 Flood Control Project		Flood control	\$ -	Need mileposts & specifics on the scope of work.
US	180			City of Flagstaff Active Transportation Master Plan	Enhance restricted Crossings	MetroPlan	Add crossings on prohibited crossings Switzer Canyon		Need milepost locations and cost estimate.
US	180			City of Flagstaff Active Transportation Master Plan	Pedestrian recall signals	MetroPlan	Pedestrian recall signals: San Francisco, Beaver, Humphreys, Birch		Need milepost locations and cost estimate.



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STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Mandia Gonzales, Transportation Planner

SUBJECT: Vulnerable Road Users Safety Action Plan - Update

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 2: Deliver Plans that Meet Partner and Community Needs

Objective 2.4: Position partners for successful implementation of plans.

3. BACKGROUND:

In FY22 MetroPlan was awarded SS4A funding to support the development of the VRU Safety Action Plan. This planning effort will be conducted by MetroPlan staff and supported by technical advisors to create a meaningful and implementable safety plan.

As the SS4A grantee, MetroPlan is prioritizing the following as part of the overall VRU planning process:

- Leadership Commitment: The VRU will establish MetroPlan's commitment to Vision Zero.
- Policy: Policy review and recommendations of MetroPlan's Federally Mandated planning and policy documents.
- Public Engagement: Efforts will be focused on reaching disparate communities, people, or organizations that support folks with disabilities, the unsheltered, and people who rely on non-vehicle modes for daily travel.
- Project Identification: Project recommendations will be provided to each agency within the region with a focus on 2-5 years of implementation efforts while folding in the findings and recommendations provided in the Regional Transportation Safety Plan (RTSP) and Active Transportation Master Plan (ATMP). Additionally, this effort will identify safety-related strategies that MetroPlan can deliver. It is anticipated that this will be focused on programmatic and educational efforts.



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- Datasets: The VRU will produce a Risk Exposure Assessment of the region.

Deliverable/Task Updates:

Completed

- Data collection is complete. This is a combination of both ADOT Roadway attributes and City of Flagstaff Active Transportation attributes.
- Version 1 of the Public Involvement Plan. This is a living document and may be adjusted throughout the life of the project.
- Transportation Safety Website. All Safety related plans and programs have been consolidated on the MetroPlan website including a new webpage for the VRU:
<https://www.metroplanflg.org/safety>
- VRU Social Pinpoint Viewer. This tool integrates community-provided comments from the recently completed Regional Transportation Safety Plan with recent crash data. By connecting community concerns with crash data, we can identify trends and work towards solutions to enhance travel safety. *Click on the map to explore [VRU Social Pinpoint/Crash Viewer \(arcgis.com\)](#)*

In Progress

- Data clean up and database set up for spatial analysis
- Tabular data analysis
- Policy review
- Project review of existing recommendations from the Regional Transportation Safety Plan and Active Transportation Master Plan.

Risk Exposure Assessment Procurement:

MetroPlan received 2 proposals to develop the Risk Exposure Assessment. While both proposals qualified, the quotes were beyond the available funding.

MetroPlan has moved this task in-house and has identified an FHWA methodology to support it's development. The TAC will be engaged in the future to review the methodology and customize based on our regional goals.



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Agency Coordination:

MetroPlan and City staff have been coordinating efforts to support the development of the VRU, Safety Streets Master Plan, and Safety Routes to School programs and infrastructure to identify efficiencies and synergies between the documents.

Schedule:

The schedule was slightly extended to accommodate the Risk Exposure procurement process.

(Updated) VRU Planning Schedule																	
		CY 2024										CY 2025					
		FY 2024				FY 2025											
Task	Task Title	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1	Project Management and Coordination																
2	Stakeholder and Public Outreach																
3	Safety Systems Performance Analysis																
4	Identify Safety Emphasis Areas																
4.1	Risk Exposure																
5	Policy Development, Strategies, Network screening, safety needs																
6	Identify and Analyse Available Resouces																
7	Implementation Plan (Draft)											D					
8	Final Plan adoption																
9	Post-project data collection and reporting																
D	Draft - Jan 10, 2025																
★	Adoption - June 5, 2025																
FHWA	Submit adopted plan - June 20, 2025																

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

5. FISCAL IMPACT:

None. These items are updates only.

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

[VRU Public Involvement Plan \(Version 1\)](#)



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STAFF REPORT

REPORT DATE: September 12, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: David Wessel, Planning Manager

SUBJECT: Trip Diary Survey Update

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 2: Deliver Plans that Meet Partner and Community Needs

Objective 2.3: Fill gaps in transportation data and make data accessible

3. BACKGROUND:

MetroPlan (formerly Flagstaff MPO) conducts a trip diary survey every six years (2006, 2012, 2018) and is conducting a survey this year (2024). Survey results are used in numerous ways including:

- Calibration of inputs to the Regional Transportation Demand Model
- Insights to barriers to transportation and mobility
- Equity perspectives on access to transportation
- Demand on a range of transportation demand management strategies

The trip diary survey is comprised of two parts: a diary where participants log every trip they take in a single appointed day; and, a survey of basic demographic information, trip behaviors, and travel preferences.

This year's survey is being conducted by WestGroup Research out of Phoenix. They were selected by a review committee out of two submittals. WestGroup acquired 5000 addresses and will mail out solicitation letters on Friday, September 13, 2024. The letter is signed by the chair and vice-chair of the Executive Board. Staff is working with NAU in the hopes they will reach out to students on our behalf.



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There are two primary differences from past efforts. First, WestGroup will use follow up phone calls to encourage participation and will be available if help is needed. Second, the recipients will complete the survey instruments online at the end of their appointed day. This will reduce data entry costs. Staff has registered concerns that participants may not remember all trips. Some secondary differences, mainly in additional or slightly modified questions, also exist.

Staff has sent out a press release and will send out social media to encourage participation. The website www.FlagstaffTripStudy.com will be linked to MetroPlan's website.

The project is on schedule as per the May staff report:

- May-June 2024: Scope of Work
- June-July 2024: Solicit Proposals and retain contractor
- August-September 2024: Recruit participants and develop instrument
- September-October 2024: Administer survey
- November-December 2024: Analyze and report on results

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending

5. FISCAL IMPACT:

The WestGroup contract is \$59,700. This is higher than the \$50,000 estimate, but justified in the attempt to get a larger response.

6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

Survey instrument

MetroPlan 2024 Trip Diary Survey

Survey Instrument

09.11.2024

SIGN-UP SURVEY

INTRO: This survey should take less than ten minutes. Your answers are important to helping MetroPlan and its regional partners better understand travel in Flagstaff. Your answers to this survey will be strictly confidential and only used in group form. Thank you for your time and help!

Q3: Please rate each of the following aspects of transportation in Flagstaff.

- A. Sidewalks
- B. Intersections
- C. Bike lanes and routes
- D. Bus stops
- E. Condition of streets
- F. Traffic flow
- G. Landscaping along major streets
- H. Crosswalks
- I. Bike parking
- J. Flagstaff Urban Trails System
- K. Bus routes

L. Overall ease of travel in the area

- 1. Excellent
- 2. Good
- 3. Fair
- 4. Poor
- 5. Don't know

Q4: The transportation system in our region consists of roads, buses, sidewalks, Flagstaff Urban Trails System (FUTS) trails, and bike facilities. How well do you feel the transportation system meets your travel needs?

- 1. Very well
- 2. Somewhat well
- 3. Not too well
- 4. Not at all

Q5: Are you employed?

- 1. No
- 2. Yes, part-time
- 3. Yes, full-time

NEW_Q5. As of today, what is your employment status? Please select all that apply.

- 1. Employed full-time (35 or more hours per week, paid)
- 2. Employed part-time (less than 35 hours per week, paid)

3. Employed, but not currently working (e.g., on leave, furloughed 100%)
4. Self-employed
5. Unpaid volunteer or intern
6. Unemployed and looking for work
7. Full-time student
8. Part-time student
9. Not employed and not looking for work (e.g., retired, stay-at-home parent)

[ASK IF NEW_Q5=7,8]

Q8 SCHOOL: How long is your typical work or school commute?

A: Miles [NUMBER OF MILES]

B: My classes are fully remote (CHECK BOX WITH A CODE OF 1)

[ASK IF NEW_Q5=7,8]

Q35. How many days a week do you take classes?

1. 6-7 days a week
2. 5 days a week
3. 4 days a week
4. 3 days a week
5. 2 days a week
6. 1 day a week

[ASK IF NEW_Q5=7,8 AND NOT Q8_School=FULLY REMOTE]

Q36. How often many days a week do you attend classes in person?

1. 6-7 days a week
2. 5 days a week
3. 4 days a week
4. 3 days a week
5. 2 days a week
6. 1 day a week
7. 1-3 days a month
8. Take all classes virtually

[ASK IF NEW_Q5=1,2,3,4,5]

For the next few questions please think about your primary work place.

Q6: Please write in the address, building and/or nearest cross streets of your primary work place.

A. Work Address: [OPEN END]

B. City: [OPEN END]

99. Work from home only.

Q7: About how close is the nearest bus stop to your home [SHOW IF NEW_Q5=1,2,3,4,5: and to your primary work place]?

(Check one box for home and check one box for work)

A. Home:

[ASK IF NEW_Q5=1,2,3,4,5 AND NOT Q6=99 (Work from home only)] B. Work:

1. Less than 1 block
2. 1-4 blocks (about 330 feet to a quarter-mile)
3. 4-8 blocks (quarter-mile to a half-mile)
4. 8-16 blocks (half-mile to a mile)
5. More than 16 blocks (more than a mile)
6. Don't know
7. Not employed

[ASK IF NEW_Q5=1,2,3,4,5]

Q8: How long is your typical work or school commute?

A: Miles [NUMBER OF MILES]

B: I only work from home (CHECK BOX WITH A CODE OF 1)

[ASK IF NEW_Q5=1,2,3,4,5]

Q30. How many days do you typically work each week?

1. 6-7 days a week
2. 5 days a week
3. 4 days a week
4. 3 days a week
5. 2 days a week
6. 1 day a week

[ASK IF NEW_Q5=1,2,3,4,5]

Q31. How often do you typically travel to work?

1. 6-7 days a week
2. 5 days a week
3. 4 days a week
4. 3 days a week
5. 2 days a week
6. 1 day a week
7. 1-3 days a month
8. Less than monthly
9. Work from home only

~~XX: Would you support removing street lights in your residential neighborhood, except at intersections, in order to save energy and improve dark skies?~~

[ASK IF NEW_Q5=1,2,3,4,5]

Q9: For each of the following, please indicate which is made available to you, which you have used in the past 6 months and which you would use if made available.

	Employer provides or is available 1-Yes, 2-No, 3- Don't know	Used in last 6 months 1-Yes, 2-No	Would use if available 1-Yes, 2-No
A. Flexible hours/ compressed work week	Q9A1	Q9A2	Q9A3
B. Telecommuting/working from home	Q9B1	Q9B2	Q9B3
C. Vanpooling and carpooling	Q9C1	Q9C2	Q9C3

D. Bike parking	Q9D1	Q9D2	Q9C3
E. Car share	Q9E1	Q9E2	Q9E3
F. Lockers and shower facilities	Q9F1	Q9F2	Q9F3
G. Bike share	Q9G1	Q9G2	Q9G3
H. Guaranteed ride home	Q9H1	Q9H2	Q9H3
I. Subsidized or free bus pass	Q9I1	Q9I2	Q9I3
J. Use of company vehicle for personal use during the day	Q9J1	Q9J2	Q9J3
K. Childcare facilities at or near work	Q9K1	Q9K2	Q9K3
L. Safe and comfortable walking and biking routes	Q9L1	Q9L2	Q9L3
M. Employer incentives or recognition for employees who carpool, bus, bike or walk	Q9M1	Q9M2	Q9M3
N. Information about carpooling, taking the bus, biking and walking (maps, routes, schedules, commuting tips)	Q9N1	Q9M2	Q9M3

Q10: In the last month, about how frequently have you ridden a bicycle/**e-bicycle** for recreation or for commuting:

- | | |
|--|---|
| <p>A. Biked for recreation or exercise</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never | <p>[ASK IF NEW Q5=1,2,3,4,5,7,8]</p> <p>B. For commuting to work/school</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never |
|--|---|

Q11: In the last month, about how frequently have you walked, **jogged, or ran** for recreation or for commuting:

- | | |
|--|---|
| <p>A. Walked/ran for recreation or exercise</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never | <p>[ASK IF NEW Q5=1,2,3,4,5,7,8]</p> <p>B. For commuting to work/school</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never |
|--|---|

Q12: In the last month, about how frequently have you taken the bus for:

- | | |
|--|---|
| <p>A. Errands and other trips</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never | <p>[ASK IF NEW Q5=1,2,3,4,5,7,8]</p> <p>B. For commuting to work/school</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never |
|--|---|

Q13: In the last month, about how frequently have you used rideshare or bike share services:

- | | |
|---|---|
| <p>A. Uber or Lyft rideshare</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never | <p>B. SPIN bike share/NAU yellow bike</p> <ol style="list-style-type: none"> 1. Five or more times a week 2. 2 to 4 times a week 3. Once a week 4. Twice a month or less 5. Never |
|---|---|

Q14: Please record the number of household members in each of the following age categories.

(Please remember to include yourself.)

A: How many are under 16? [NUMERIC OPEN END]

B: How many are 16 or older? [NUMERIC OPEN END]

[ASK IF Q14A>0]

Q15: For all children (under the age of 16) living in your household, please indicate **their age and** then check the box that indicates their **most frequently used travel mode to school**. *(If no children live in your household, or none that attend school, please go to question #0)*

	Child 1	Child 2	Child 3	Child 4	Child 5	Child 6	Child 7	Child 8
Q15A: Age of child	Q15A1	Q15A2	Q15A3	Q15A4	Q15A5	Q15A6	Q15A7	Q15A8
Q15B: Most frequent travel mode to school	Q15B1	Q15B2	Q15B3	Q15B4	Q15B5	Q15B6	Q15B7	Q15B8
1. Walk								
2. Bicycle / e-bicycle								
3. School bus								
4. Mountain Line bus								
8. Scooter, moped, skateboard								
5. Driven alone								
6. Driven with other children								
7. Homeschooled								
8. N/A (Too young for school)								

[ASK IF Q14A>0]

Q34. If your student or school aged children have received a Mountain Line Bus pass, are they using it to get to other **designations-destinations** besides school?

1. No
2. Yes, please describe: [OPEN END]
3. N/A, did not receive a Mountain Line Bus pass

Q16: For the people 16 or older living in your household, please check the box that indicates their **most frequently used travel mode to work or school**.

Most frequent travel mode to work/school	You (1) Q16A	Person 2 Q16B	Person 3 Q16C	Person 4 Q16D	Person 5 Q16E	Person 6 Q16F	Person 7 Q16G	Person 8 Q16H
1. Telecommute/work from home								
2. Walk								
3. Bicycle / e-bicycle								
4. Take school bus								

5. Take Mountain Line bus								
12. Scooter, moped, skateboard								
6. Drive alone								
7. Drive with adult from household								
8. Drive with adult NOT from household								
9. Drive with children from household								
10. Drive with children NOT from household								
11. Not applicable (Does not work / go to school)								

Q17: How many usable passenger cars, vans and light trucks does your household own or normally have use of? _____ vehicles

Q17B: How many of those usable vehicles are hybrid or electric? _____ vehicles

Q18: How many usable bicycles/e-bicycles does your household have? _____ Total bicycles (including e-bicycles)
 _____ e-bicycles

Q32. What challenges does your household have regarding transportation?

Q19: About how much was the TOTAL 2023 income before taxes for your household as a whole? In the total, please include income before taxes as well as money from all sources for all persons living in your household.

1. Less than \$14,999
2. \$15,000 to \$24,999
3. \$25,000 to \$34,999
9. \$35,000 to \$49,999
4. \$50,000 to \$74,999
5. \$75,000 to \$99,999
6. \$100,000 to \$149,999
7. \$150,000 to \$199,999
8. \$200,000 or more
9. Prefer not to answer

Q20: Please check the one choice below which best describes the kind of residence in which you live. Which best describes the building where you live?

1. A detached single family home
2. A duplex or triplex
3. A multi-family unit (e.g., apartments or condominiums)
4. A townhouse
5. A mobile home

6. Group quarters (dormitory, fraternity/sorority, nursing home)

8. Rent a room

9. Secondary unit on primary property (e.g., tiny home, accessory dwelling unit)

7. Other: [OPEN END]

Q21: Do you rent or own your residence?

1. Rent

2. Own

3. Other

Q22: How many years have you lived
in or near Flagstaff? _____ years
(Please mark "0" if less than 6 months.)

[ASK IF NEW_Q5=7,8 AND NOT STUDENT SAMPLE (NOT SAMPLE=2)]

Q23: Are you a student at Northern Arizona University?

1. No

2. Yes

[ASK IF NEW_Q5=7,8]

Q24: Are you a student at Coconino Community College?

1. No

2. Yes

Q25: What is your gender?

1. Male

2. Female

3. Non-binary/other

4. Prefer not to answer

Q26: What is your age? _____ years

Q27: Which category best describes your ethnicity?

1. Hispanic

2. Non-Hispanic

3. Prefer not to answer

Q28: Which category best describes your race? [ALLOW MULTIPLE RESPONSE]

A. African American/black

B. Caucasian/white

C. Asian or Pacific Islander

D. Native American

E. Other

F. Prefer not to answer

Q29: How much education have you completed?

1. 0 to 11 years of school

2. High school

3. Some college or associate's degree
4. Bachelor's degree
5. Graduate/professional degree

Q37. Which of these conditions, if any, create difficulties for getting you where you want to go?
(Select all that apply)

1. Seeing
2. Hearing
3. Moving
4. Handling items
5. Memory or processing
6. Other
7. None apply to me

TRAVEL DAY: [ASSIGN TRAVEL DIARY DAY MONDAY-FRIDAY]

The last step in this research study is for you to complete a one-day travel diary for the trips that you make on [ASSIGNED TRAVEL DAY]. Please tell us about your travel on this day regardless of the weather or the number of trips or types of activities you have planned for that day. We will send you an email with detailed information to keep track of your travel on this day and instructions to finish completing the study. Upon completion of the study, we will send you a \$10 gift card as a thank you for your time and help with this study.

Note, your contact information will only be used for research purposes, to send information and reminders to complete the travel diary for this study, and to provide your electronic gift card.

Email: What is the best email address to reach you? [EMAIL]

Phone: In case we have any questions, what is the best phone number to reach you? [PHONE]

TRIP DIARY SURVEY

Q1: **On the day you completed the travel diary**, did you have any goods or services delivered to your work or home, such as a meal (pizza, etc.), groceries, online orders, or other goods and services?

How many deliveries?

Note, if one delivery contained items in multiple categories, please add it to the category that fits best.

1. None
2. Goods [NUMBER]
3. Services [NUMBER]
4. Food/Meals[NUMBER]
5. Groceries [NUMBER]

[ASK IF Q1=YES]

Q1A: From how many different sources did you receive deliveries?

[NUMBER OF SOURCES]

Q2: Did **How many trips did** the delivery or deliveries substitute for a travel trip you might have made to seek the good or service?

[ASK IF Q2=YES]

Q2A: ~~How many trips were replaced?~~

[NUMBER OF TRIPS, 0-20]

Destination (address, building or nearest cross streets)

BEGHR/BEGMIN: Trip Start time: Hour: Minutes

BEGTIME: Trip Start time: AM/PM

ENDHR/ENDMIN: Trip Arrival Time: Hour: Minutes

ENDTIME: Trip Arrival Time: AM/PM

PURP: Trip Purpose

1. Go home
2. Personal business
3. Shopping
4. School
5. Work commute
6. Other work/business
7. Social / Recreation
8. Eat a meal
9. Drive a passenger
10. Change travel mode (drive to a bus or transit stop)
- 12. Healthcare**
11. Other, specify [OPEN END]

MODE: Travel Method

1. Car, **SUV**, or light truck (driver)
2. Car, **SUV**, or light truck (passenger)
- 3-6. Mountain Line Bus**
- 3-7. Mountain Line Paratransit**
4. School bus
5. Large commercial truck
6. Motorcycle
7. Taxi/**Uber/Lyft** (passenger)
8. Bicycle / e-bicycle
- 11. Scooter, moped, skateboard**
9. Walk
10. Other, specify [OPEN END]

ADD LOGIC

BUSROUTE: Which Mountain Line Bus route did you take?

[OPEN END], **Don't know**

MILES: Estimated Trip Miles (Please round mileage to the closest tenth of a mile).

Number of people in vehicle (including yourself)

PPLEBHH: [NUMBER OF ADULTS FROM HH]

PPLEBOUT: [NUMBER OF OTHER ADULTS]

PPLEAHH: [NUMBER OF CHILDREN FROM HH]

PPLEAOUT: [NUMBER OF OTHER CHILDREN]



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STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kate Morley, Executive Director

SUBJECT: Update on Key Performance Indicators (KPIs)

1. RECOMMENDATION:

None. This item is for information and discussion only.

2. RELATED STRATEGIC WORKPLAN ITEM:

This item reports on the progress of all strategic work plan items.

3. BACKGROUND:

At its June 1, 2023, Board meeting, the Board adopted a Strategic Workplan that included key performance indicators (KPIs) to help measure progress on the goals and objectives that would be shared with the Board quarterly. This report provides KPIs for the fourth quarter of FY2024 (*April to June*).

4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

The Management Committee had no comments.

5. FISCAL IMPACT:

None. However key performance indicators can provide useful information on the effectiveness of programs and budget resources.



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6. ALTERNATIVES:

None. This item is for information and discussion only.

7. ATTACHMENTS:

KPI PowerPoint



Update: Key Performance Indicators (KPIs)

Recommendation: None. This item is for information and discussion only.



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VISION:
The region is joined together by a transportation system that prioritizes the wellbeing of people and the environment

MISSION:
To facilitate improvements and programs for all transportation modes through collaborative priority setting, planning, and the strategic pursuit of funding.

1

Maximize Funding for Transportation Projects and Programs

OBJECTIVES

- Objective 1.1:* Align capital and programmatic needs with priorities and fund sources.
- Objective 1.2:* Expand match and revenue generating options.
- Objective 1.3:* Coordinate partners' legislative priorities related to transportation.
- Objective 1.4:* Ensure good standing with funders.



KEY PERFORMANCE INDICATORS

- 1. Number funding opportunities sought
- 2. Amount of funding obtained
- 3. Develop annual legislative agenda and workplan
- 4. Clean audits and reviews

GOAL 1: MAXIMIZE FUNDING FOR TRANSPORTATION PROJECTS AND PROGRAMS

Trend 

FY 2024 SNAPSHOT

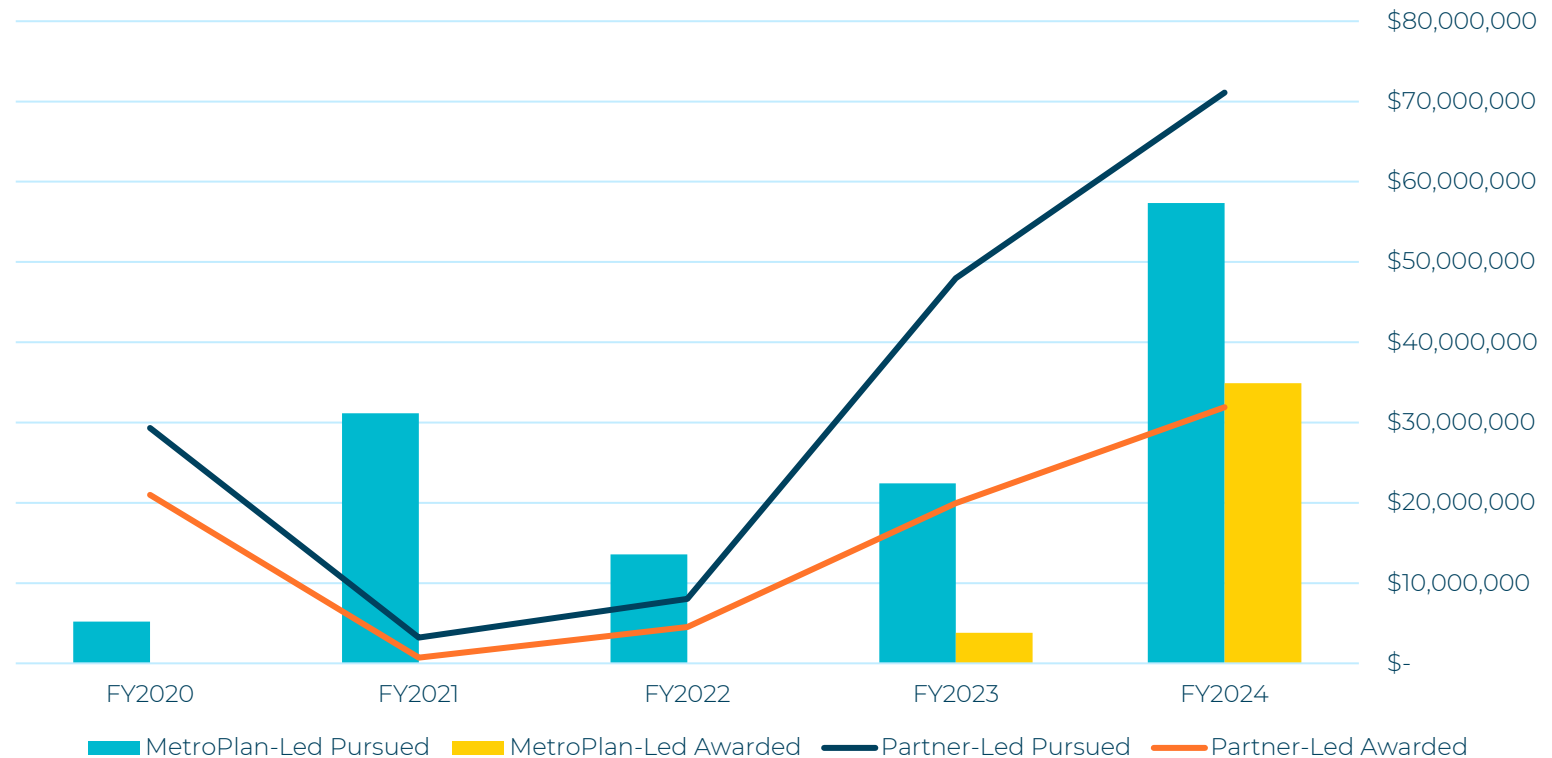
Total Awarded
\$66,799,865

Total Pursued
\$128,452,123

Grants Pursued 30

Grants Awarded 16

Partner + MetroPlan Competitive Funding FY20-24



Legislative agenda | audits



FY25 Legislative Agenda & Workplan

- In progress



Clean audits and reviews

- Independent Single Audit
 - ✓ Wrapped up FY23
 - ❑ FY24 begins
- ADOT Audit

2

Deliver Plans that Meet Partner and Community Needs

OBJECTIVES

- Objective 2.1:* Maintain trust through reliable and transparent project management.
- Objective 2.2:* Expand inclusion of transportation disadvantaged community members and organizations in planning processes from setting planning priorities to implementing outcomes.
- Objective 2.3:* Fill gaps in transportation data and make data accessible.
- Objective 2.4:* Position partners for successful implementation of plans.



KEY PERFORMANCE INDICATORS

1. Involvement of stakeholders in scoping through final recommendations
2. Participant demographics reflect community demographics
3. Number of new data sets collected and available on the website
4. Number of policy, project or other recommendations implemented



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GOAL 2: DELIVER PLANS THAT MEET PARTNER AND COMMUNITY NEEDS

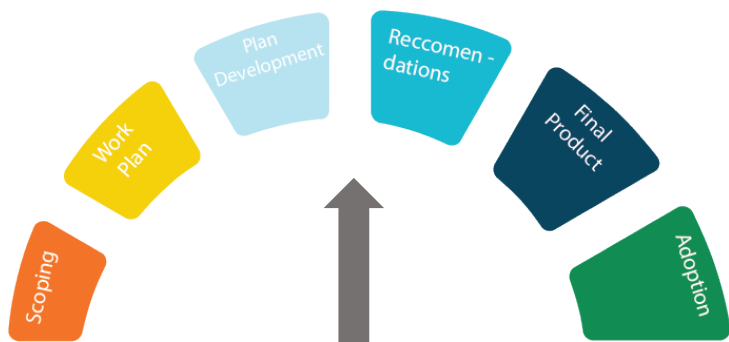
	Q1	Q2	Q3	Q4
 1. Involvement of stakeholders in scoping through final recommendations (Plans / Engagements)				
 2. Participant demographics reflect community demographics	N/A	N/A	N/A	N/A
 3. Number of new data sets collected and available on the website (year to date)	 YTD	 YTD	 YTD	 YTD
 4. Number of policies, project, or other recommendations implemented	0	0	0	0



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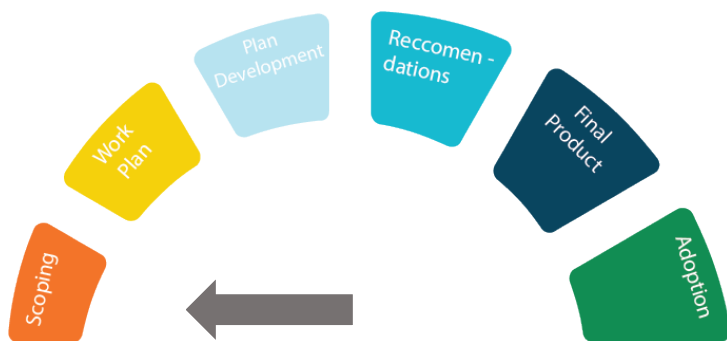
Planning Dashboard



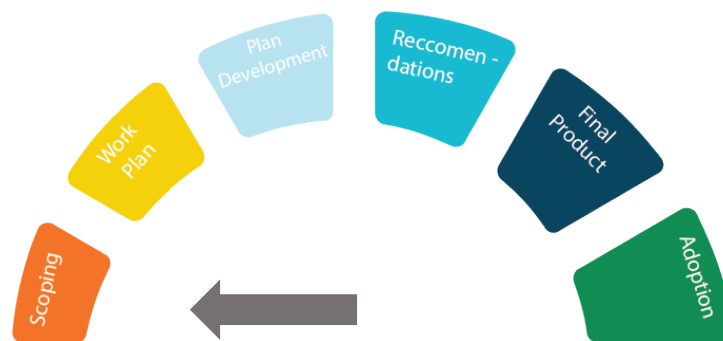
W. Route 66
Operational Assessment



Vulnerable Road Users
Safety Plan



Trip Diary



Safe Streets Master Plan

Completed

- Route Transfer Study
- Regional Transportation Safety Plan (RTSP)
- Creative Local Match

3

Build MetroPlan's Visibility in the Community

OBJECTIVES

Objective 3.1: Educate, inspire, and empower individuals in the planning process through creative education opportunities, public events, and demonstrations.

Objective 3.2: Expand MetroPlan's visibility through branding and marketing - social media, print, and digital materials.

Objective 3.3: Promote the value MetroPlan brings to the community.



KEY PERFORMANCE INDICATORS

1. Number of public outreach events attended or organized
2. Number of people/organizations interacted with annually
3. Number of follower/ subscribers to social media and e-news sign-ups
4. Number of people reached through other media such as direct mailers, poster



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GOAL 3: BUILD METROPLAN'S VISIBILITY IN THE COMMUNITY

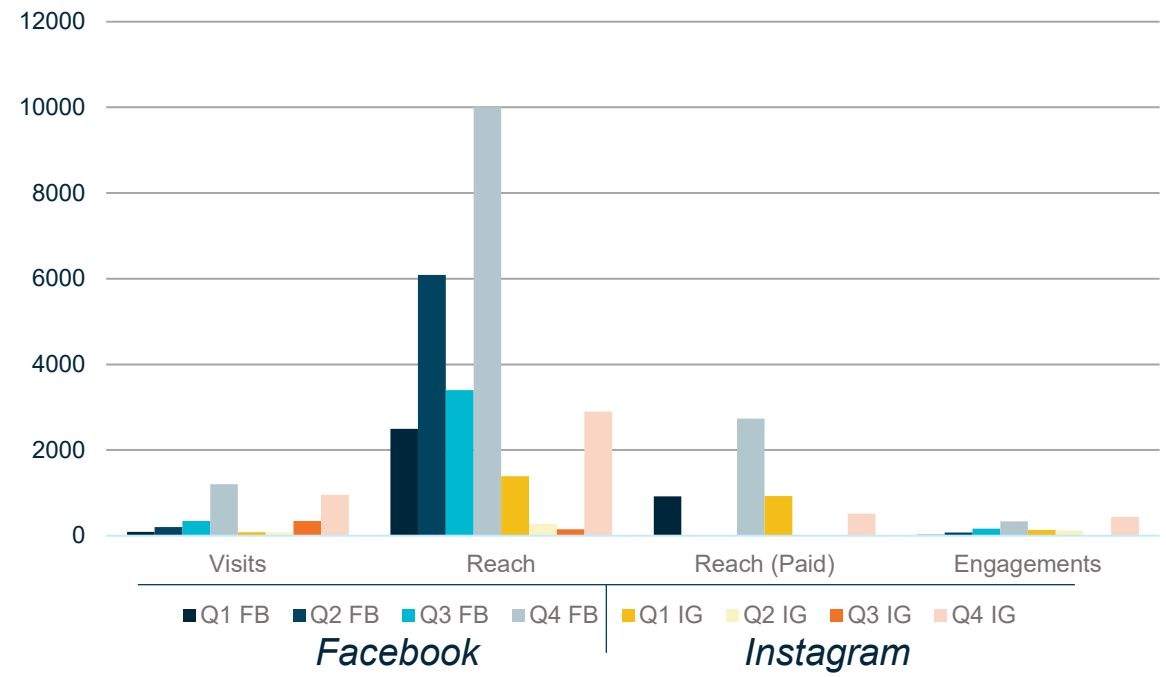
	Q1	Q2	Q3	Q4
 1. Number of public outreach events attended or organized	0	0	0	3
 2. Number of people/organizations interacted with quarterly	0	3	88	951
 3. Number of <u>new</u> followers/ subscribers to social media and e-news sign-ups	44	40	38	98
 4. Number of people reached through other media such as direct mailers, poster distribution, etc.	152	0	0	980

GOAL 3: BUILD METROPLAN'S VISIBILITY IN THE COMMUNITY

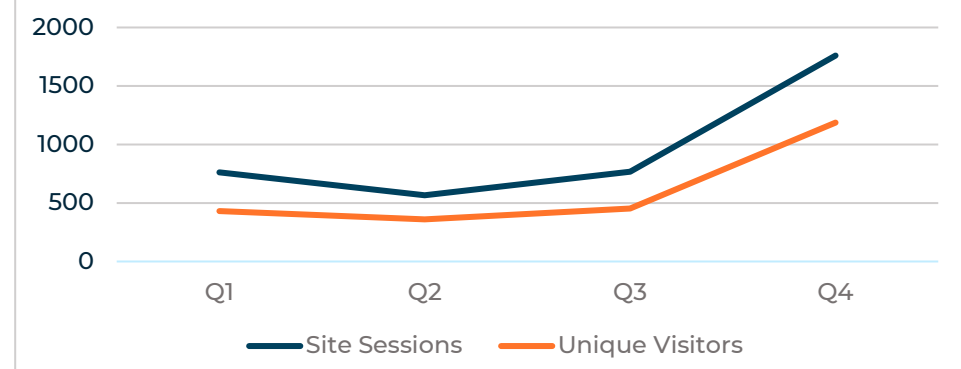


TOTAL OF SOCIAL MEDIA FOLLOWERS:
 ▶ Facebook 130
 ▶ Instagram 271

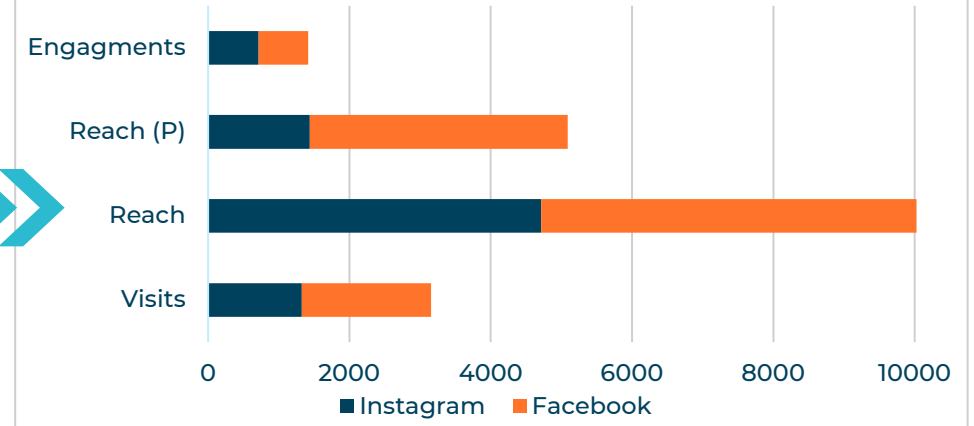
Comparison by Quarter



Website Visits



Cumulative Total



4

Implement Programs that Encourage Mode Shift

OBJECTIVES

Objective 4.1: Conduct community-oriented multimodal demonstration and pilot projects.

Objective 4.2: Implement programs at K-12 schools to reduce parent pick up and drop off.

Objective 4.3: Educate the public about economic, health, congestion, climate, equity and other benefits of multimodal transportation.



KEY PERFORMANCE INDICATORS

1. Increase % of trips made by walking, cycling, micro-mobility and public transit
2. Reduction in K-12 school traffic
3. Number of programs, pilots and demonstrations conducted



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VISION:

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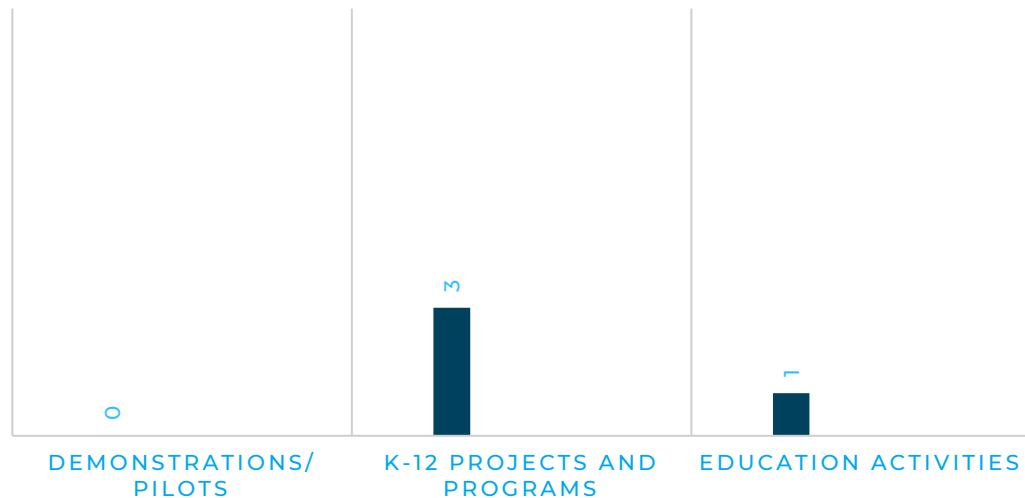
MISSION:

To facilitate improvements and programs for all transportation modes through collaborative priority setting, planning, and the strategic pursuit of funding.

GOAL 4: IMPLEMENT PROGRAMS THAT ENCOURAGE MODE SHIFT

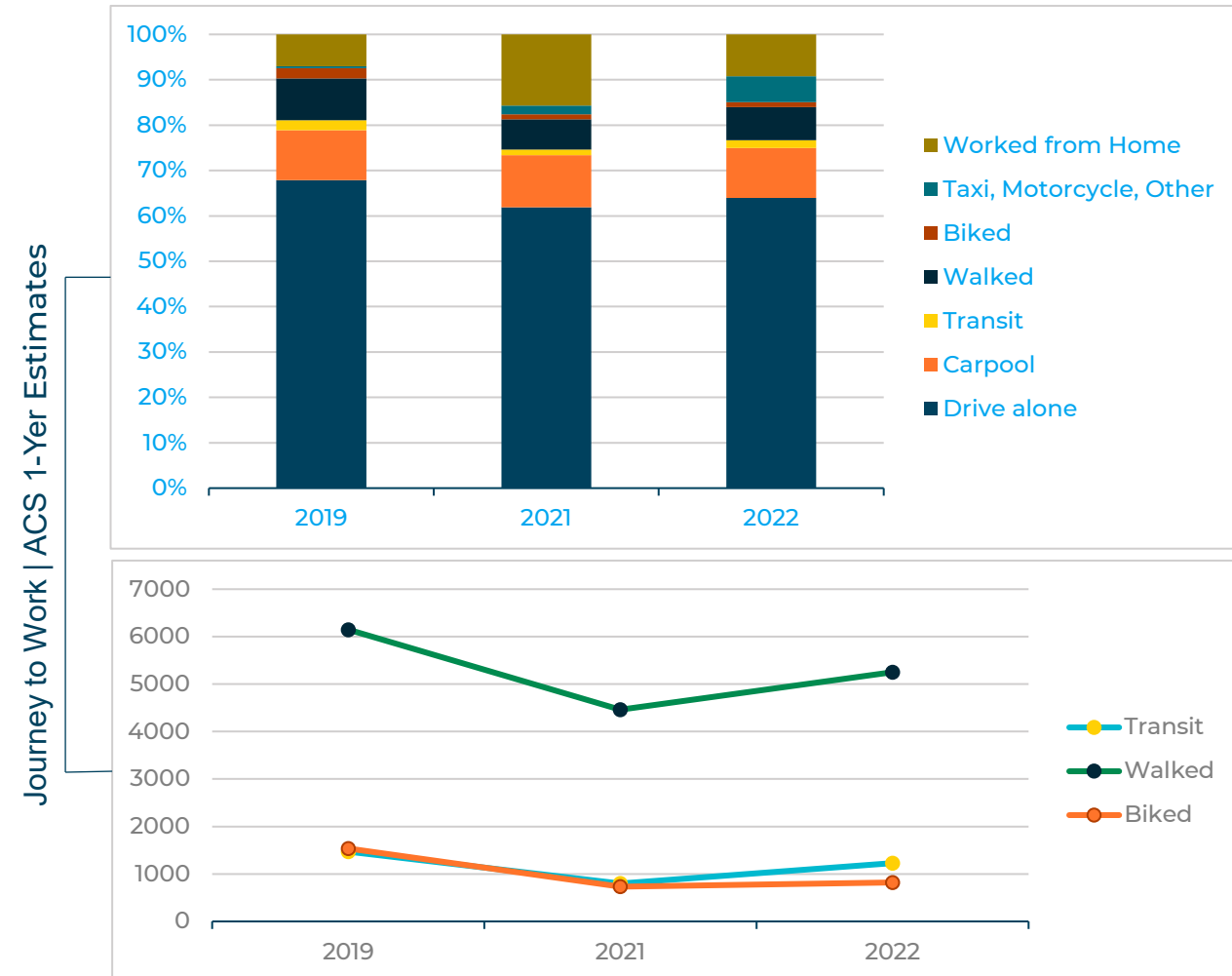
TDM PROGRAMS

■ TDM Programs FY2024 ■ TDM Programs FY2025 ■ TDM Programs FY2026



Reduction in K-12 school traffic

- *MetroPlan received a Transportation Alternatives program to support*





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STAFF REPORT

REPORT DATE: September 13, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kim Austin, TDM Planner

SUBJECT: Micromobility Share Program Update

1. RECOMMENDATION:

None. This is a discussion item only.

2. RELATED STRATEGIC WORKPLAN ITEM:

Goal 4: Implement Programs that Encourage Mode Shift

Objective 4.1: Conduct community-oriented multimodal demonstration and pilot projects.

3. BACKGROUND:

What is micromobility share?

In response to the increasing demand for walking and bicycling facilities in cities and towns across the US, many jurisdictions are exploring micromobility as an alternative mode for short trips and active transportation. Micromobility is generally referred to as any small, low-speed human- or electric-powered device including electric bikes (e-bikes), electric scooters (e-scooters), and other small, lightweight wheeled conveyances. Shared micromobility programs offer access to fleets of human-powered and electric vehicles for public use. Micromobility share programs contribute to climate action goals by offering cleaner transportation alternatives, reducing the reliance on personal vehicles, and supporting broader sustainability initiatives. In addition, these programs can collect data on travel patterns and usage. This data can help city planners understand mobility needs and make informed decisions about infrastructure improvements that support sustainable transportation.

According to National Association of City Transportation Officials, in 2022, approximately 113 million trips were taken by shared bikes and e-scooters. This number has increased by 40% since 2018. The Federal Highway Administration reports 157 million trips were taken on micromobility shared devices in



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2022, which is 23% more trips than in 2021. Micromobility share programs are becoming very popular programs in cities and towns.

Regional Background

In 2018, The City of Flagstaff, in partnership with NAU, initiated a pilot bikeshare program with the company Spin. The program was completed through a request for proposals (RFP) process and the fleet was comprised only of electric bicycles (e-bikes). The program operated from April to October of 2018. The program was seen as a success due to the approximately 11,000 number of rides in a short 6-month period.

The City of Flagstaff has implemented a code which requires micromobility systems to operate under a permit. See full code reference later in this report. The City of Flagstaff initiated procurement several years ago as away to comply with the permit requirements set forth in the code, however negotiations with the selected company fell apart, in part due to advertising constraints of the sign code..

Opportunity

Stride Forward found that a TDM program, that included micromobility share programs, could help reduce vehicle miles traveled by 5.2%. It also can support reducing congestion, supporting affordability, and creating transportation choices. New systems fleet type includes dockless and electric bicycles and scooters. Dockless systems mean they can be taken from point to point, and do not have to be parked at a specific location, making them more useful and allowing more freedom for the user to end their trip exactly where they need.

Approaches

There are two approaches that could be pursued to implement a program: a simple permit system which allows for free market programs to come in under simple but specific set of rules or a procurement/contract (RFP) which provides for more oversight but also more responsibility for the program. Please see the table below highlighting the pros and cons of the two approaches to micromobility share programs.

	Permit	RFP and Contract
Mechanism	We would set the guidelines, and let free market operate within them.	We would do an RFP, and go into contract with the company. - This was the 2019-2020 model, with Spin
# of companies	Would allow multiple companies to come into the Flagstaff market	Would keep only one company in the market
Requirements	Less control/free market approach	Potential for more control



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Enforcement of terms	Permit and code compliance, business license	Set limitations within contract and RFP
Politically	Adds a bit more separation between Agencies and the private company	City has ownership but will take the fall
Staff	Likely less staff time	Potentially more staff time?
Examples	Tucson – has lengthy permitting requirements (12 pages); any company that meets the requirements can get a permit.	City of Flagstaff 2019 program

Risks

Micromobility share programs can also have risks that can either be accepted or mitigated with the approach to the implementing a system. Risks for consideration include:

- **Parking:** Dockless can be anywhere. This risk can be mitigated in either a permit or contract approach by creating designated parking areas and implementing geofencing for parking areas.
- **Broken bikes:** This risk can be mitigated in either a permit or contract scenario, however a contract scenario may provide for more controls but also more City responsibility.
- **City image and future micromobility share programs:** The City may be seen as having more responsibility for a contracted system with reputation risks, rather than a permitted free market system.

Equity

The city would have more control over the equitable distribution of and access to devices in a contracted system than a permitted system by controlling locations, payment methods and fees. However, ensuring a contractor meets any equity requirements would require additional oversight by the city. There may be less control over equitable distribution in a permitting or free market process but adding distribution guidelines can be set and/or free passes or subsidies can be given to ensure those with transportation limitations have access to the devices.

Existing Codes:

For reference, the following codes are currently in place in the city and apply to micromobility programs.

Code: 9-05-001-0012 PERMIT AGREEMENT



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A. Permit Agreement Required. No vendor shall locate or place bicycles or scooters in any City right-of-way, including public streets, alleys, sidewalks, multiuse paths or other public right-of-way, for the purposes of making them available for rent, without first obtaining a permit agreement approved by the City.

B. Failure to enter into a permit agreement required under this section for offering bicycles or scooters for bike sharing or scooter sharing shall result in the impoundment of every bicycle or scooter placed upon the right-of-way or any other public property. The city will make reasonable efforts to notify the vendor prior to impoundment.

C. An impoundment fee shall be assessed for every bicycle or scooter collected in violation of this section and any person or entity shall pay a penalty of five hundred dollars (\$500.00) per device for the redemption and release of each impounded bicycle or scooter. (Ord. 2019-19, Enacted, 06/18/2019)

Code: 9-05-001-0004 FACILITIES UPON WHICH PERSONS ARE AUTHORIZED TO OPERATE DEVICES

A. The following table indicates where devices are allowed or prohibited on facilities:

Device	Sidewalks*	Bike Lane	Roadway	FUTS* Paved/Hard Surface	FUTS* Unpaved/Gravel
Bicycle	Yes	Yes	Yes	Yes	Yes
E-bike, Class 1	Yes	Yes	Yes	Yes	Yes
E-bike, Class 2	Yes	Yes	Yes	Yes	Yes
E-bike, Class 3	No	Yes	Yes	No	No
Electric personal assistive mobility device	Yes	Yes	Yes	Yes	Yes
E-standup scooter	No	Yes	Yes	Yes	No
Motorized bicycle	No	Yes	Yes	No	No
Lightweight wheeled vehicle	Yes	Yes	Yes	Yes	Yes

*Under Section [9-05-001-0008](#) all devices may be prohibited on certain sidewalks by the posting of signs prohibiting their use in a particular area. Electric bikes and electric scooters may also be prohibited on certain multiuse paths by the posting of signs prohibiting their use on those multiuse paths. Compliance with the posted signs is required.

B. Penalty. A violation of this section shall be a civil traffic offense punishable by a fine of not less than twenty-five dollars (\$25.00) nor more than seventy-five dollars (\$75.00) for each offense. (Ord. 2019-19, Enacted, 06/18/2019)



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4. TAC AND MANAGEMENT COMMITTEE DISCUSSION:

Pending

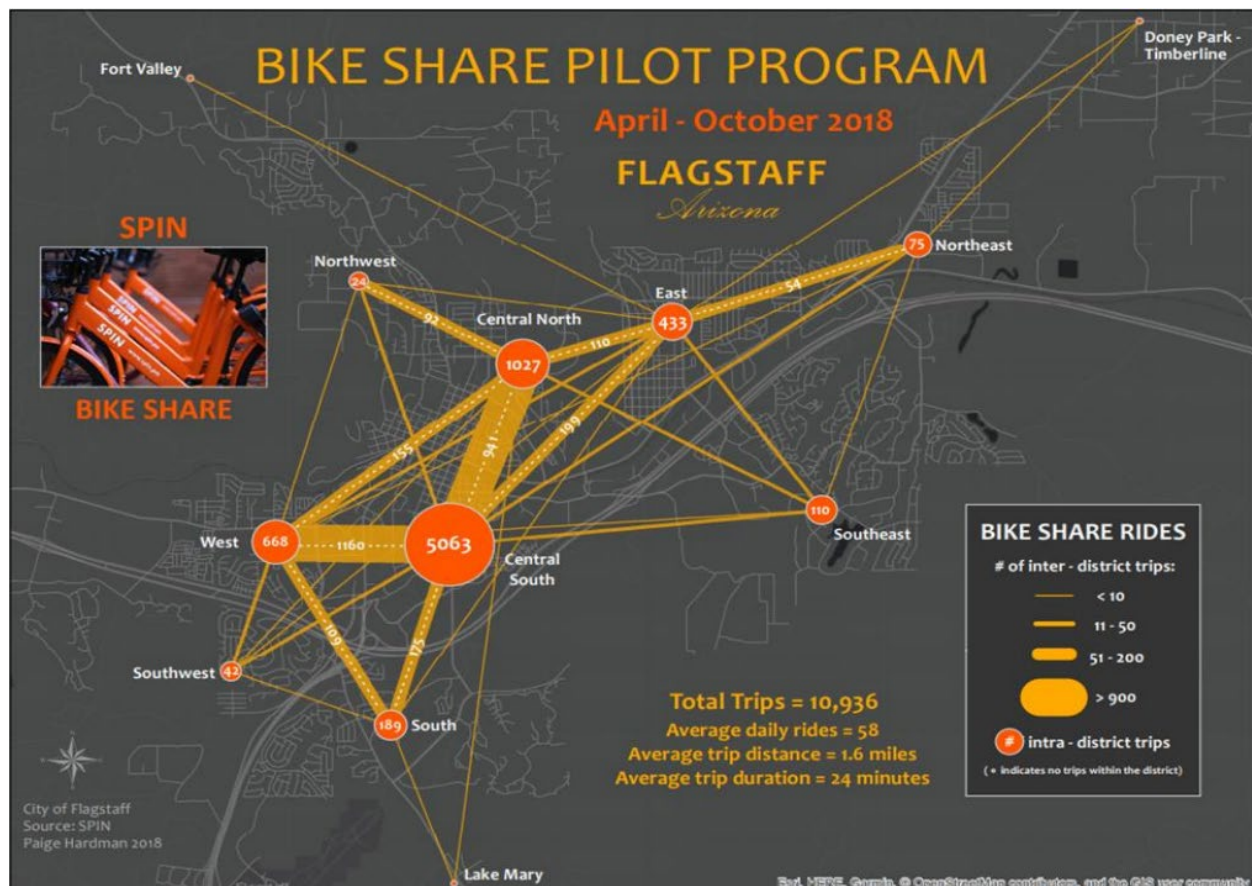
5. FISCAL IMPACT:

None. There are no direct costs to MetroPlan for assisting the city in considering a micromobility program.

6. ALTERNATIVES:

None. This item is for discussion only.

7. ATTACHMENTS:





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 [2019 RFP](#)

 [Gotcha-City agreement](#)



NAIPTA Bike Share
Feasibility Study- Sep

[2024 Bike Scooter Share Findings_MLine.docx](#)



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STAFF REPORT

REPORT DATE: September 16, 2024

MEETING DATE: September 25, 2024

TO: Honorable Chair and Members of the Technical Advisory Committee

FROM: Kate Morley, Executive Director

SUBJECT: MetroPlan Happenings

1) RECOMMENDATION:

None. This item is for information and discussion only.

2) RELATED STRATEGIC WORKPLAN ITEM:

Goal 3: Build MetroPlan's Visibility in the Community

Objective 3.3: Promote the value MetroPlan brings to the Community

3) BACKGROUND:

Grant Updates:

The following grants have been applied for this summer or are being written now.

- Active Transportation Infrastructure Improvement Program (ATIIP):
 - City of Flagstaff Planning & Design application for Santa Fe-Milton FUTS Bikeway Project for \$509,414.
 - Coconino County Planning application for Multimodal Connectivity Network for \$1,005,000.
- Safe Streets and Roads for All (SS4A):
 - City of Flagstaff Planning and Design application for Active Transportation Master Plan (ATMP) amendment for concept plans to bring all projects to 15% design for \$1,767,527.
- Wildlife Crossings Pilot Program:
 - AZ Game and Fish /ADOT design and construction Kachina Village Overpass Project for approximately \$25 million, final amount TBD.



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Travel/Training Update

- The AZ Rural Transportation Summit is in Prescott, AZ October 16-18. MetroPlan attendees include staff, Chair Jeronimo Vasquez, Member Miranda Sweet. The purpose of the event is education on Rural Transportation Advocacy Council (RTAC) projects and long-term revenue solutions. Chair Vasquez will speak on the Mountain Line maintenance bays match request.
- MetroPlan staff will be traveling to Tucson to experience a Cyclovía event, sponsored by Living Streets Alliance (LSA). Cyclovía Tucson is an open streets event which temporarily re-purposes the public streets to be more inclusive of all people; walk, bike, roll, scoot.
- Two staff are headed to the Safe Routes to School conference in Forst Collins. The conference will help MetroPlan identify best practices and provide innovative ideas for its new program.
- Dave Wessel is headed to the annual Association of Metropolitan Planning Organizations (AMPO) conference in Salt Lake City.

Lighting

MetroPlan submitted a request to modify ADOT standards in Coconino County per specifications requested by local dark skies groups and organizations.

AmeriCorps: Aubree Flores, the AmeriCorps Fellow representing MetroPlan, will continue her contract for another term. Aubree has been instrumental in increasing our public outreach through social media and helping with the asphalt art program. We are very thankful for her and are happy to have her around into 2025. In addition to her continued service with MetroPlan, she gave a presentation at the NAU AmeriCorps site visit on Friday, September 13, 2024. The site visit was highlighting four (4) projects, one being the Cheshire Asphalt Art project on Fremont Blvd. Nice work Aubree!!!

4) TAC AND MANAGEMENT COMMITTEE DISCUSSION:

5) FISCAL IMPACT:

None. These items are updates only.

6) ALTERNATIVES:

None. This item is for information and discussion only.



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7) ATTACHMENTS:

None.

1-3 Year Strategic Workplan

Adopted: June 1, 2023



VISION:

To create the finest transportation system in the country.

MISSION:

Leverage cooperation to maximize financial and political resources for a premier transportation system.

GUIDING PRINCIPLES

Focused

- Adopts clearly delineated objectives
- Provides ambitious and credible solutions
- Strategically plans for political and financial realities and possibilities

Leverages Resources

- Strategically leverages project champions and other plans
- Writes and secures competitive grants

Leads Regional Partners

- Provides targeted, effective and prolific communication to "speak with one voice"
- Advocates for implementation, coordination and commitment
- Provides collaborative leadership among and through its partners
- Accountable for leveraging plans that lead to successful construction and services

Builds Trust and Credibility

- Exhibits integrity in its work products
- Exercises openness and transparency
- Delivers on its promises

Plans for Resiliency

- Invests time and resources to expand mode choice

Fair and Equal Representativ

1

Maximize Funding for Transportation Projects and Programs

OBJECTIVES

- Objective 1.1: Align capital and programmatic needs with priorities and fund sources.
- Objective 1.2: Expand match and revenue generating options.
- Objective 1.3: Coordinate partners' legislative priorities related to transportation.
- Objective 1.4: Ensure good standing with funders.



KEY PERFORMANCE INDICATORS

1. Number funding opportunities sought
2. Amount of funding obtained
3. Develop annual legislative agenda and workplan
4. Clean audits and reviews

2

Deliver Plans that Meet Partner and Community Needs

OBJECTIVES

- Objective 2.1: Maintain trust through reliable and transparent project management.
- Objective 2.2: Expand inclusion of transportation disadvantaged community members and organizations in planning processes from setting planning priorities to implementing outcomes.
- Objective 2.3: Fill gaps in transportation data and make data accessible.
- Objective 2.4: Position partners for successful implementation of plans.



KEY PERFORMANCE INDICATORS

1. Involvement of stakeholders in scoping through final recommendations
2. Participant demographics reflect community demographics
3. Number of new data sets collected and available on the website
4. Number of policy, project or other recommendations implemented

3

Build MetroPlan's Visibility in the Community

OBJECTIVES

Objective 3.1: Educate, inspire, and empower individuals in the planning process through creative education opportunities, public events, and demonstrations.

Objective 3.2: Expand MetroPlan's visibility through branding and marketing - social media, print, and digital materials.

Objective 3.3: Promote the value MetroPlan brings to the community.



KEY PERFORMANCE INDICATORS

1. Number of public outreach events attended or organized
2. Number of people/organizations interacted with annually
3. Number of follower/ subscribers to social media and e-news sign-ups
4. Number of people reached through other media such as direct mailers, poster

4

Implement Programs that Encourage Mode Shift

OBJECTIVES

Objective 4.1: Conduct community-oriented multimodal demonstration and pilot projects.

Objective 4.2: Implement programs at K-12 schools to reduce parent pick up and drop off.

Objective 4.3: Educate the public about economic, health, congestion, climate, equity and other benefits of multimodal transportation.



KEY PERFORMANCE INDICATORS

1. Increase % of trips made by walking, cycling, micro-mobility and public transit
2. Reduction in K-12 school traffic
3. Number of programs, pilots and demonstrations conducted