



211 West Aspen Avenue
Flagstaff, AZ 86001
928-213-2654
metroplanflg.org

AGENDA

MetroPlan Technical Advisory Committee Meeting

1:30 pm to 3:30 pm

March 25, 2020

<https://global.gotomeeting.com/join/989016837>

You can also dial in using your phone.

United States: +1 (646) 749-3112

Access Code: 989-016-837

Regular meetings and work sessions are open to the public. Persons with a disability may request a reasonable accommodation by contacting the City of Flagstaff City Clerk's Office at 928-779-7607. 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 by contacting the MetroPlan at 928-213-2651 as early as possible to allow time to arrange the accommodation. ***A quorum of the TAC may be present.***

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).

TECHNICAL ADVISORY COMMITTEE MEMBERS

- Nate Reisner, Chair, ADOT North Central District Development Engineer (for Audra Merrick, ADOT Flagstaff District Engineer)
- Nick Hall, Vice-Chair, Coconino County Assistant Engineer (for Christopher Tressler, Coconino County)
- John Wennes, ADOT Transportation Planner
- Anne Dunno, NAIPTA Capital Program Manager
- Rick Barrett, City of Flagstaff Engineer
- Jay Christelman, Coconino County Community Development Director
- Dan Folke, City of Flagstaff Community Development Director
- Jeff Bauman, City of Flagstaff Transportation Manager
- Andrew Iacona, Northern Arizona University Project Manager II
- Ed Stillings, FHWA

METROPLAN STAFF



- Jeff Meilbeck, Executive Director
- David Wessel, MetroPlan Manager
- Martin Ince, Multi-Modal Planner
- Rosie Wear, MetroPlan Specialist

I. PRELIMINARY GENERAL BUSINESS

A. CALL TO ORDER

B. ROLL CALL

C. 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.)

D. APPROVAL OF MINUTES

- Minutes of Regular Meeting: February 25, 2020 (Pages 5-9)

II. CONSENT AGENDA

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

III. GENERAL BUSINESS

A. State Transportation Board Dinner (Pages 10-12)

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommend the TAC discuss an appropriate presentation for the April 16th reception and dinner.

B. MetroPlan Project Criteria Process Update (Pages 13--17)

MetroPlan Staff: Dave Wessel

Recommendation: No recommendation is being made and staff will provide information on the Call for Projects

C. UPWP Amendment – Fare Free Transit Planning (Pages 18-20)

MetroPlan Staff: Dave Wessel

Recommendation: Recommend the UPWP amendment

D. TIP Amendment – Fourth/Lockett Roundabout (Pages 21-30)

MetroPlan Staff: Dave Wessel

Recommendation: Recommend the TIP amendment

E. Lone Tree Traffic Interchange Discussion (Pages 31-32)

MetroPlan Staff: Dave Wessel

Recommendation: None

F. FY 2021-2025 Draft TIP Tables (Pages 33-42)

MetroPlan Staff: Dave Wessel

Recommendation: None

G. Items from the Executive Director

H. Review the Draft Executive Board Agenda (Pages 43-46)

MetroPlan Staff: Jeff Meilbeck

Recommendation: None. For discussion only.

I. Future Agenda Items

MetroPlan Staff: Jeff Meilbeck, Executive Director

Recommendation: Discuss items for future MetroPlan agendas.

IV. CLOSING BUSINESS

A. ITEMS FROM THE BOARD



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

B. ADJOURN

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Flagstaff City Hall on March 23, 2020 at 2:00 pm in accordance with the statement filed by the Recording Secretary with the City Clerk.

Dated this 23rd Day of March 2020.

Rosie Wear, MetroPlan Specialist



6 E Aspen Avenue, Suite 200
Flagstaff, AZ 86001
928-266-1293
www.metroplanflg.org

DRAFT - MINUTES

MetroPlan Technical Advisory Committee Meeting

1:30 pm to 3:30 pm

February 26, 2020

Flagstaff City Hall – 2nd Floor Staff Conference Room
211 W. Aspen Avenue, Flagstaff, AZ 86001
Call-in Number: (877) 820-7831 Guest Passcode: 364117#

Regular meetings and work sessions are open to the public. Persons with a disability may request a reasonable accommodation by contacting the City of Flagstaff City Clerk's Office at 928-779-7607. 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 by contacting the MetroPlan at 928-213-2651 as early as possible to allow time to arrange the accommodation. ***A quorum of the TAC may be present.***

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TECHNICAL ADVISORY COMMITTEE MEMBERS

- Anne Dunno, Chair, NAIPTA Capital Program Manager
- Nate Reisner, Vice Chair, ADOT North Central District Development Engineer (for Audra Merrick, ADOT Flagstaff District Engineer)
- John Wennes, ADOT Transportation Planner
- Rick Barrett, City of Flagstaff Engineer
- Jay Christelman, Coconino County Development Services Director
- Dan Folke, City of Flagstaff Community Development Director
- Nick Hall, Assistant County Engineer (for Christopher Tressler, Coconino County Engineer)
- Jeff Bauman, City of Flagstaff Transportation Manager
- Andrew Iacona, Northern Arizona University Project Manager II
- Ed Stillings, FHWA

METROPLAN STAFF



- Jeff Meilbeck, Executive Director
- David Wessel, MetroPlan Manager
- Martin Ince, Multi-Modal Planner
- Rosie Wear, MetroPlan Specialist

I. PRELIMINARY GENERAL BUSINESS
A. CALL TO ORDER

Chair Anne Dunno called the meeting to order at 1:30 pm.

B. ROLL CALL

C. 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.)

D. APPROVAL OF MINUTES

- Minutes of Regular Meeting: January 22, 2020

MOTION: TAC member Nate Reisner moved to approve the January 22, 2020 Technical Advisory Committee meeting minutes without edits. TAC member John Wennes seconded the motion. The motion was passed unanimously.

II. CONSENT AGENDA

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

III. GENERAL BUSINESS

A. Election of officers

MetroPlan Staff: Rosie Wear

Recommendation: Staff recommends the TAC members elect officers for the next year.



MOTION: Chair Anne Dunno moved to nominate Nate Reisner for the role of Chair and Nick Hall for the role of Vice-Chair. TAC member Rick Barrett seconded the nomination. The nomination passed unanimously.

Rick Barrett thanks to Anne for running meetings. John 2nd. Anne thanked Jeff. Jeff.

B. Budget update

MetroPlan Staff: Jeff Meilbeck

Recommendation: No recommendation is being made. Staff will present an overview of 2020 year to date and 5 Year Tentative Budget

MOTION: No motion at this time.

C. MetroPlan Transportation Improvement Program and Project Criteria Process Update

MetroPlan Staff: Dave Wessel

Recommendation: No recommendation is being made and staff will provide information on the Transportation Improvement Program call for projects.

MOTION: No action was taken. Minor edits were suggested, including having an accessible map documenting roads of regional significance.

D. Grant Matrix and Early Priorities

MetroPlan Staff: Dave Wessel

Recommendation: Staff recommends TAC members reach consensus on MetroPlan priorities on grant applications with imminent deadlines.

RECOMMENDATION: Work with City of Flagstaff to make the case for a BUILD grant for the Lone Tree Corridor.

E. McConnell Project Update

MetroPlan Staff: Jeff Meilbeck

Recommendation: No recommendation is being made. Mountain Line and NAU will present an update on the McConnell Project.

MOTION: No action was taken.

F. Lone Tree Traffic Interchange Discussion

MetroPlan Staff: Dave Wessel

Recommendation: No recommendation. Staff seeks input on fatal flaw criteria to pursue alternatives analysis.

DISCUSSION: Revisit the topic at future TAC meetings. City and ADOT will share information on status of IGA related to project assessment to redo the bridges over Lonetree with intent of lengthening those bridges in collaboration with Pavement Preservation project. We also need to look at data counts from ADOT and other fatal flaw items related to the DCR and a new design.

G. FY20/21 Unified Planning Work Program Amendments (UPWP)

MetroPlan Staff: Dave Wessel

Recommendation: No recommendation. Staff will provide an update on the UPWP amendment process and seek input.

DISCUSSION: Suggestion were made to consider backage roads, Urban Mobility Study and Route Transfers.

H. Items from the Executive Director

- a. Transition to Independence Update
- b. Transition IGA with City of Flagstaff
- c. Master IGA update – adding NAIPTA to Executive Board
- d. Special Appropriation request for Fourth Street
- e. Executive Board

I. Future Agenda Items

MetroPlan Staff: Jeff Meilbeck, Executive Director

Recommendation: Discuss items for future MetroPlan agendas.

FUTURE ITEMS: Lone Tree TI and lengthening/widening of the bridges. Draft TIA for McConnell. Project Prioritization Matrix. NAIPTA/NAU update on Milton/Route 66 campus entry study (Andrew will provide an update at the March meeting). Federal functional classification requests – ADOT GIS would be happy to present.

IV. CLOSING BUSINESS

A. ITEMS FROM THE BOARD

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

B. ADJOURN

Chair Reisner adjourned the meeting at 3:27 pm.



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6 E Aspen Avenue, Suite 200
Flagstaff, AZ 86001
928-266-1293
www.metroplanflg.org

STAFF REPORT

REPORT DATE: March 11, 2020
MEETING DATE: April 1, 2020
TO: Honorable Chair and Members of the TAC
FROM: Jeff Meilbeck, Executive Director
SUBJECT: ADOT Transportation Board Meeting

1. Recommendation:

i Staff recommend the TAC discuss an appropriate presentation for the April 16th reception and dinner.

2. Related Strategic Workplan Item

i MetroPlan builds trust and credibility

3. Background

i The State Transportation Board has a tradition of meeting in Flagstaff, Arizona in April of each year. Historically, the Flagstaff Metropolitan Planning Organization (MetroPlan) has hosted a dinner and presentation on the Thursday evening prior to the Board meeting. This year the dinner is scheduled for April 16, 2020 at the Weatherford Hotel and the State Transportation Board meeting is scheduled for April 17, 2020 at Flagstaff City Hall.

MetroPlan staff would like input from the TAC and Management Committee on an appropriate presentation for the April 16, 2020 dinner. Invitations to the April 16, 2020 dinner were distributed on March 11, 2020.



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4. TAC and Management Committee Discussion

i *This section will be completed following the March 2020 meetings of the TAC and Management Committees.*

5. Fiscal Impact

i *Costs for dinner are approximately \$2,500 and have been budgeted.*

6. Alternatives

i *None provided.*

7. Attachments

i *April 16, 2020 Invitation to Dinner*



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Please join
**Flagstaff Metropolitan Planning Organization
(MetroPlan)**

for a reception and dinner with the
Arizona State Transportation Board

Thursday, April 16, 2020
Weatherford Hotel, Zane Gray Ballroom
23 N Leroux St, Flagstaff, AZ 86001

Reception 5:30-6:00pm
Dinner 6:15-8:00pm

Please RSVP to Rosie Wear by Tuesday, April 7, 2020
rosie.wear@flagstaffaz.gov
(928) 213-2651

***Please include any special dietary restrictions
(e.g., gluten-free, vegan, nut allergy) in your RSVP.***





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GREATER # FLAGSTAFF

STAFF REPORT

REPORT DATE: March 16, 2020

MEETING DATE: March 25, 2020

TO: Honorable Chair and Technical Advisory Committee Members

FROM: David Wessel, FMPO Manager

SUBJECT: Project Priorities Process

1. Recommendation:

i *This item is for discussion only*

2. Related Strategic Workplan Item

i *Create a plan to fund top projects*

Identify top 3 capital projects

3. Background

i *The Technical Advisory Committee, Management Committee and Executive Board previously approved the methodology for prioritizing MetroPlan projects and activities. The TAC will be introduced to recent improvements to the matrix.*

Also, MetroPlan staff will review a survey it produced and that it will send to relevant staff from member agencies prior to in-person interviews. With the matrix and survey and during the interview, MetroPlan staff will ask interviewees to address capital, operations, organizational capability and technical support needs. Results from all participants will be compiled for discussion during April and May.

MetroPlan staff prefers to have all interviews completed by mid-April in time for the April 22 TAC meeting staff report submittal deadline.



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4. Fiscal Impact

i *Setting priorities has no direct fiscal impact. Choices made and the type of work to be done such as pursuit of funding versus master planning will impact work program budgets.*

5. Alternatives

i *No recommendation.*

6. Attachments

i *Sample Project Priority Matrix*
Draft Project Priority Survey

SAMPLE	MetroPlan Regional Project Assessment - 2020									
	Regional Importance				Action Need		MetroPlan Involvement			
Corridor/Project	Urgency	Magni- tude	Multi- modalism	Regional Impact	Plan Need	Funding Need	Multi- Agency	Staff Need	Funding Oppor- tunity	Long Term Need
Milton Road	5	5	5	5	2	5	4	4	4	4
O&M Efficiency Study	4	4	5	5	5	5	2	1	4	5
Lone Tree Corridor	4	5	5	5	2	1	1	1	3	4
W. Route 66	5	5	5	5	4	4	3	3	3	3
Scale	1	2	4	5	1	5	1	2	4	5
	Lowest	< Importance >		Highest	Lowest	Highest	Lowest	< Involvement >		Highest

Criteria Definitions

Urgency Component definitions:

- * Pressure - development is occurring along the project limits and more is in the pipeline or expected. Lack of project definition means development could preclude meeting expectations.
- * Economic Development - there are specific and high priority goals along or dependent on the project such as housing or job creation.
- * Congestion - the project limits are or contain a known area of congestion
- * Multimodal - the project limits contain gaps, service deficiencies or safety issues in the pedestrian, bicycle and/or transit systems.

Magnitude Component definitions:

- * Same as urgency but with an emphasis on scale or magnitude, not immediacy

Multimodalism definitions:

The degree to which a project fills a known gap or deficiency in the pedestrian, bicycle and/or transit systems including addressing safety concerns.

Regional Impact:

If the road is a major collector or above (aka Road of Regional Significance), part of the permanent transit network (PNN), or completes a **major** gap in the planned pedestrian or bicycle network.

Plan Need:

The level or currency (or adequacy) of planning that is complete or ongoing for the project. Where no plans exist, respective jurisdictional engineering standards are a minimum expectation. However, they do not provide a basis for cost estimates or details for intersections. Some plans are more than 10 years old and considered to be dated by MetroPlan staff.

Funding Need:

Projects (including planning, operational and other efforts), that are unfunded or for which additional funds are desired.

MetroPlan Project Prioritization: Partner Survey 2020

Introduction: Per the adopted Strategic Workplan, MetroPlan is gathering information on partner priorities in order to establish clear priorities for its own work program for the next 2-3 years. MetroPlan will use the survey below in conjunction with the Project Prioritization Matrix and the committee and Board dialogue process to establish these priorities. An intended side benefit of this effort is that all partners gain a working knowledge of regional priorities and capture opportunities of bi-lateral and multi-lateral cooperation and coordination beyond those which MetroPlan adopts. MetroPlan will also take this opportunity to identify projects of a more routine nature for which partner agencies need support. There are budgetary and resource assignment benefits associated with capturing these in the work program.

Please prepare your responses to this survey in advance of an interview with MetroPlan staff. Interviews are anticipated to take 60-90 minutes and are preferably attended by all relevant staff (i.e., representatives from engineering, public works and/or planning).

In recognition of COVID-19 concerns, means for teleconferencing will be arranged.

1. What are your top 5 (or more) capital projects (and/or supporting corridor project plans needed for implementation) for the next 5 years? List the projects on the appropriate tab in the associated spreadsheet. For each criterion, score the project on a 1-5. These are fairly subjective and may be adjusted during the interview.
 - a. Describe each by the criteria in the matrix
 - i. Are those relative to all projects by all partners in the region or relative to your agency's projects?
 - ii. Can you send or provide a description of those projects including general scope, total project cost and delivery schedule?
2. What are your top 5 (or more) organizational capability needs for the next 5 years? ? List the projects on the appropriate tab in the associated spreadsheet. For each criterion, score the project on a 1-5. For example:
 - a. Training
 - b. Process or policy development such as best practices, target setting, performance monitoring
 - c. Software support
3. What are your top 5 (or more) operational needs for the next 5 years? List the projects on the appropriate tab in the associated spreadsheet. For each criterion, score the project on a 1-5. These may include "minor" capital projects:
 - a. Signing updates or replacements
 - b. Signal equipment upgrades or expansion

- c. Data management or inventories
- 4. For the next 2-years, what type of planning or design efforts do you foresee needing MetroPlan technical support? List the projects on the appropriate tab in the associated spreadsheet. Scoring is not essential for these projects. This could include, but not be limited to:
 - a. Transportation Impact Analysis
 - b. Regional or subregional plans benefiting from transportation model outputs
 - c. Documents or plans benefiting from MetroPlan review
 - d. Grant applications or other efforts for which MetroPlan letters of support may be needed
 - e. Traffic count or big data needs

Thank you for your participation!

The MetroPlan Team



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GREATER # FLAGSTAFF

STAFF REPORT

REPORT DATE: March 16, 2020

MEETING DATE: March 25, 2020

TO: Honorable Chair and Technical Advisory Committee Members

FROM: David Wessel, FMPO Planning Manager

SUBJECT: UPWP Amendment

1. Recommendation:

- i** Staff recommends the MetroPlan TAC supports amendment of the FY 2020-2021 Unified Planning Work Program to include Mountain Line's 5305 Grant for the Fare Free Study

2. Related Strategic Workplan Item

- i** FMPO (MetroPlan) leverages resources

3. Background

- i** MetroPlan is mandated to produce a Unified Planning Work Program and to address the federally-funded planning activities of its partners that take place within the planning area boundaries.

Mountain Line successfully applied for a 5305 (e) transit planning grant to study the effect of a fare free policy.

<u>5305 Funds</u>	<u>Local Funds</u>	<u>Total Award</u>
\$150,000	\$37,500	\$187,500

Work will begin in June. Elements to be evaluated include:

- Fixed-route ridership
- Boardings and aligning at bus stops
- Customer complaints/feedback
- Feedback from non-riders
- Incidents relating to fare and operators
- Behavior related incident reports
- Banned passengers



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- *Operator feedback*
- *Dwell time impacts*

Amendments

Table 1 – revenue

Table 2 – 2020 operating costs

Table 4 – 2020 Funding by Task and Source

Work Element 500 – text to include Fare Free Study in goals and budget update showing 5305 and local funds

4. Fiscal Impact

- i** *Fiscal impact to MetroPlan will be limited to processing payments to the contractor and oversight of Mountain Line grant provision compliance. Mountain Line will handle all day-to-day project management, compliance with grant provisions, and quality control.*

5. Alternatives

- i**
 - 1) *Support adoption of the UPWP amendments. **Recommended***
 - 2) *Do not support adoption. May result in loss of funding for Mountain Line.*

6. Attachments

- i** *ADOT letter of Award for 5305 e funds.*

January 16, 2020

Mr. Jeff Meilbeck, Executive Director
Flagstaff Metropolitan Planning Organization
211 West Aspen Avenue
Flagstaff, AZ 86001

Subject: Award of FTA Section 5305 planning funds for Fare Free Congestion Mitigation Study

Dear Mr. Meilbeck,

In response to your request for 5305 funding, we are pleased to inform you that **\$150,000** has been approved for funding FMPO for the purposes of completing planning work related to the **Fare Free Congestion Mitigation Study**. The following 5305 funding should be added to your work program:

<u>Federal Portion</u>	<u>Local Match</u>	<u>Total Amount</u>
\$150,000.00	\$37,500.00	\$187,500.00

Please coordinate the scope of work and planning activities with Sara Allred, the 5305 Planning Manager. Upon approval by FTA of the grant, project number information will be issued with the grant. Each reimbursement request will be accompanied by a progress report and a current timeline of project activities. The final project will be shared with ADOT and may be included in the State Transit Plan.

Kindly note that this is a one-time award of funds, there is no guarantee of funding for any future projects.

If you have any questions, please contact Sara Allred at (602) 712-4498.

Sincerely,

Jill Dusenberry
Transit Group Manager
Arizona Department of Transportation

cc: Gregory Byres, ADOT Darin Allan, FTA Heather Dalmolin, NAIPTA
Sara Allred, ADOT Kara Sullivan, ADOT John Wennes, ADOT



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GREATER # FLAGSTAFF

STAFF REPORT

REPORT DATE: March 12, 2020

MEETING DATE: March 25, 2020

TO: Honorable Chair and Technical Advisory Committee Members

FROM: David Wessel, FMPO Planning Manager

SUBJECT: TIP Amendment

1. Recommendation:

i Staff recommends the MetroPlan TAC supports amendment of the FY 2019-2023 Transportation Improvement Program for an increase in funding for the Fourth/Lockett/Cedar roundabout design and construction

2. Related Strategic Workplan Item

i FMPO (MetroPlan) leverages resources

3. Background

i MetroPlan is mandated to produce a Transportation Improvement Program (TIP) to track regional federal transportation spending. The TIP indicates the year that funds will be obligated for a project.

The City received advice from ADOT to increase the design costs based on recent projects and that additional funds were available to cover the costs. The year of design is advanced to 2020, right-of-way stays in 2021 and construction remains in 2022.:

- *Fourth/Cedar Roundabout:*
HSIP (100%, not match): Increase design costs from \$359,258 to \$480,000
Total cost increase by \$120,742 to \$1,989,179



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4. Fiscal Impact

- i** *Highway Safety Improvement Program (HSIP) amendment ensures adequate funding for the project now and avoids inefficient bureaucratic processes later that could delay the project.*

5. Alternatives

- i**
 - 1) *Support adoption of the TIP amendments. **Recommended***
 - 2) *Do not support adoption. May result in project delays.*

6. Attachments

- i** *Draft Safety TIP tables showing amendments
ADOT and City documentation relevant to the project*

March 3, 2020

Ms. Stephanie Sarty, P.E.
Transportation Engineering Project Manager
City of Flagstaff
211 W. Aspen Ave.
Flagstaff, AZ 86001

Re: **Highway Safety Improvement Program (HSIP)**
City of Flagstaff – Fourth Street/Cedar Avenue/Lockett Road, Roundabout (**Revised**)
ADOT Project No. : TBD
Federal Project No.: TBD
COG/MPO: FMPO
COG/MPO TIP No.: TBD
Northcentral District, Coconino County

Dear Ms. Sarty:

In accordance with the *Stewardship and Oversight Agreement on Project Assumption and Program Oversight by and between Federal Highway Administration, Arizona Division and the Arizona Department of Transportation*, dated April 9, 2015, Attachment A, page A-1, the Arizona Department of Transportation, Traffic Safety Section (TSS) has determined that the City of Flagstaff's **revised** request to utilize HSIP funds for a safety countermeasure (project) to construct a modern roundabout at the intersection of Fourth Street/Cedar Avenue/Lockett Road is eligible for Highway Safety Improvement Program (HSIP) funding. (See enclosure 3 for locations.)

At the request of the City of Flagstaff, this HSIP eligibility is being revised for an increase to and advance of design funds from FY21 to FY20 and to increase the amount of the City of Flagstaff funds being contributed to the total project cost.

All work will be performed by contract and ground disturbing activities are anticipated. It is anticipated that right-of-way acquisition will be required and some utility relocations are also anticipated.

ADOT has determined that, in accordance with 23 USC 148(a)(4)(A), this project is consistent with the State's 2014 Strategic Highway Safety Plan. It supports the "Roadway Infrastructure and Operations"

emphasis areas by implementing the “(Intersections) reduce frequency and severity of intersection related crashes through traffic-control and operational improvements” strategy.

During a 5-year period ending December 31, 2016, the City of Flagstaff experienced 1 fatal and 1 suspected incapacitating crash associated with this intersection. With a CMF number 4259 with, CRF of 74.1% obtained from the Crash Modification Factors Clearinghouse, the City could see a 5-year reduction of 0.7 fatal and 0.7 suspected incapacitating crashes in this intersection. Based on the above CRF, a revised B/C ratio of 4.5 was calculated.

The funding for this project is established under the ADOT HSIP and is eligible to be funded at 100% HSIP federal funds and 0.0% local match as described in Code of Federal Register 23 CFR Part 924 (Ref: Highway Safety Improvement Program [HSIP], Arizona Department of Transportation [ADOT], Traffic Engineering Group, Traffic Safety Section, May 2015; 1.1.4 Funding, Federal Share). The City of Flagstaff anticipates the total revised design/construction cost of this countermeasure at **\$1,989,179.00** (Enclosure 1) as shown below.

Original Anticipated Estimated Costs:

Design/ADOT Admin Cost FY21		Right of Way Cost - FY21		Construction Cost FY22	
HSIP	\$359,258.00	HSIP	\$ 92,398.00	HSIP	\$1,385,968.00
Local Match	\$ 0.00	Local Match	\$ 0.00	Local Match	\$ 0.00
Local Funds	\$ 0.00	Local Funds	\$ 30,813.00	Local Funds	\$ 0.00
Total	\$359,258.00	Total	\$ 123,211.00	Total	\$1,385,968.00

Revised Anticipated Estimated Costs:

Design/ADOT Admin Cost FY20		Right of Way Cost - FY21		Construction Cost FY22	
HSIP	\$450,000.00	HSIP	\$92,398.00	HSIP	\$1,385,968.00
Local Match	\$ 0.00	Local Match	\$ 0.00	Local Match	\$ 0.00
Local Funds	\$30,000.00	Local Funds	\$30,813.00	Local Funds	\$ 0.00
Total	\$480,000.00	Total	\$123,211.00	Total	\$1,385,968.00

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

Should the project scope of work change, the cost estimate increase by more than 20%, or the limits of the project change, a revised eligibility letter and modified application will need to be submitted and approved prior to ADOT requesting federal authorization for construction. Design and construction estimates submitted and prepared by the City of Flagstaff verifying the unit prices and quantities are the responsibility of the City and any design or construction costs exceeding the above amounts must come from funding sources other than HSIP.

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

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

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

Sincerely,



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

LTT

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

- Cc:
- FHWA, Arizona Division Office, ATTN: Jeffery King
 - ADOT, Project Management Group, ATTN: Steve O'Brian, P.E.
 - ADOT, Finance, ATTN: Patrick Stone
 - ADOT, Local Public Agency Section, ATTN: Lisa Pounds
 - ADOT, Northcentral District, ATTN: Audra Merrick, P.E.
 - FMPO, ATTN: David Wessel

**HIGHWAY SAFETY IMPROVEMENT PROGRAM
APPLICATION - COST ESTIMATE**

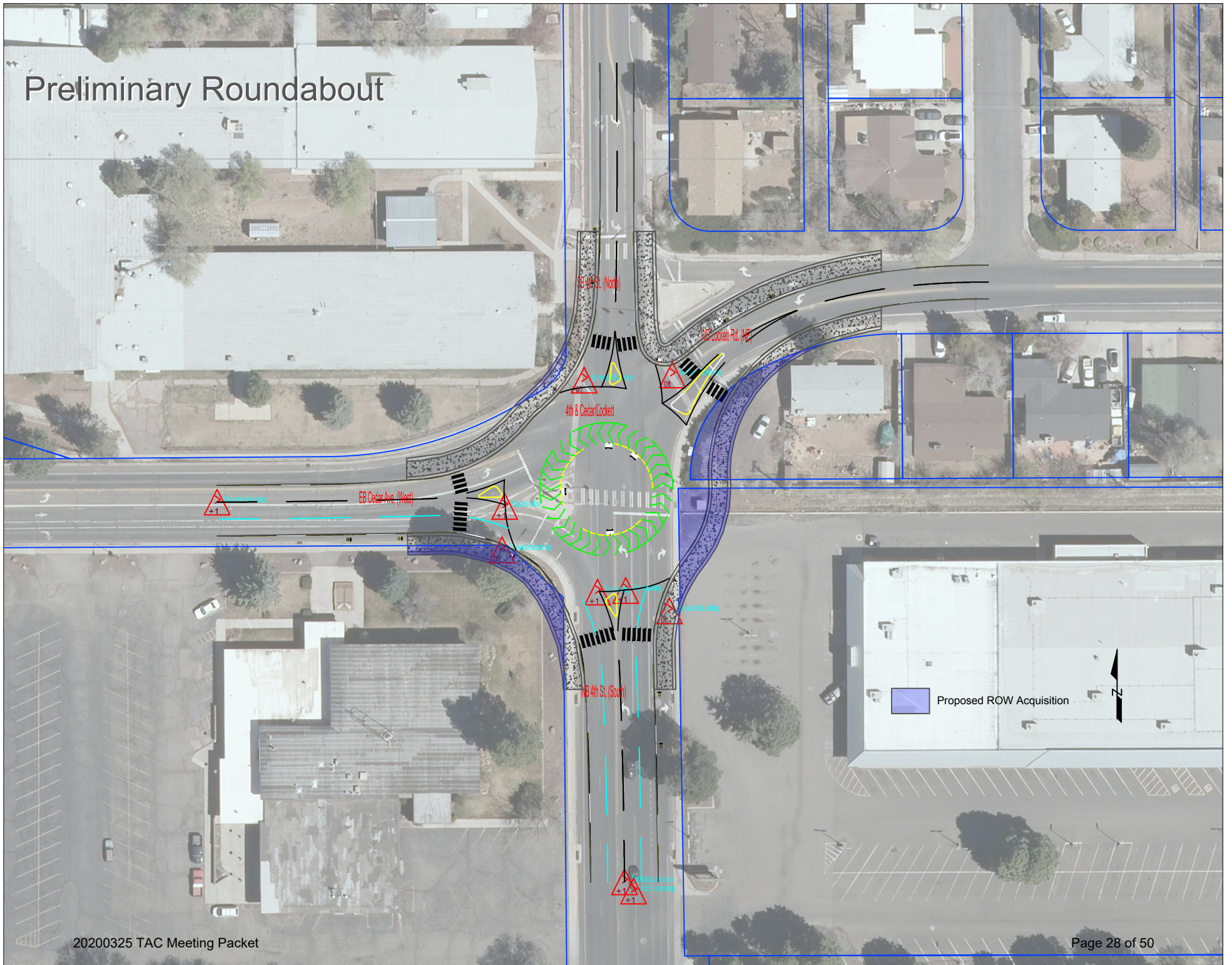
Agency:		City of Flagstaff		Name of Project:		4th/Cedar/Lockett Roundabout - Contractor Installed			
HSIP Project Cost Estimate Worksheet									
Project Cost Estimate:	Description:	Quantity:	Cost (Unit):	Total Cost	HSIP:	Local Match:	Other Amt:	TOTAL COST	
					100.00%	0.00%	0.00%		
Planning or Study:	Assessment	0	\$ -	\$ -	\$ 65,000.00	\$ -	\$ -	\$ -	\$ 65,000.00
Preliminary Engineering:	Engineering Firm (22% const.)	0	\$ -	\$ -	\$ 385,000.00	\$ -	\$ -	\$ -	\$ 385,000.00
ADOT Admin Costs:		1	\$ 30,000.00	\$ 30,000.00		\$ -	\$ 30,000.00	\$ -	\$ 30,000.00
ADOT PE Review Costs:						\$ -	\$ -	\$ -	\$ -
Sub-Total			\$ 30,000.00	\$ 30,000.00	\$ 450,000.00	\$ -	\$ 30,000.00	\$ -	\$ 480,000.00
Materials:	Detailed Estimate (attached)		\$ -	\$ -	\$ 923,979.00	\$ -	\$ -	\$ -	\$ 923,979.00
Materials:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials Sub-Total:				\$ -	\$ 923,979.00	\$ -	\$ -	\$ -	\$ 923,979.00
Traffic Control:		10.00%		\$ -	\$ 92,397.90	\$ -	\$ -	\$ -	\$ 92,397.90
Mobilization:		10.00%		\$ -	\$ 92,397.90	\$ -	\$ -	\$ -	\$ 92,397.90
Sub-Total			\$ -	\$ -	\$ 1,108,774.80	\$ -	\$ -	\$ -	\$ 1,108,774.80
Construction Admin :		14.00%			\$ 155,228.47	\$ -	\$ -	\$ -	\$ 155,228.47
Contingencies :		5.00%			\$ 55,438.74	\$ -	\$ -	\$ -	\$ 55,438.74
Post Design:		1.00%			\$ 11,087.75	\$ -	\$ -	\$ -	\$ 11,087.75
Communications		5.00%			\$ 55,438.74	\$ -	\$ -	\$ -	\$ 55,438.74
		0			\$ -	\$ -	\$ -	\$ -	\$ -
Right-of-Way	Estimated comps & cost to cure (sq. ft.)	4870	\$ 25.30	\$ 123,211.00	\$ 92,397.90	\$ -	\$ 30,813.10	\$ -	\$ 123,211.00
		0			\$ -	\$ -	\$ -	\$ -	\$ -
		0			\$ -	\$ -	\$ -	\$ -	\$ -
		0			\$ -	\$ -	\$ -	\$ -	\$ -
Sub-Total					\$ 369,591.60	\$ -	\$ 30,813.10	\$ -	\$ 400,404.70
									\$ -
TOTAL REQUEST					\$ 1,928,366.40	\$ -	\$ 60,813.10	\$ -	\$ 1,989,179.50

Comments:

B/C Ratio Tabulation

Required for all HSIP Applications					
Agency:	City of Flagstaff		Title of Project:	Fourth/Cedar/Lockett Roundabout	
Benefit / Cost Ratio Tabulation					
Annual Benefit Tabulation					
Severity	Annual Average	Estimated CRF* Reduction	Total Reduction	Unit Cost	Annual Benefit
Fatal	0.20	74%	0.15	\$5,800,000	\$859,560
Incapacitating Injury	0.20	74%	0.15	\$400,000	\$59,280
Total Annual Benefits					\$918,840
Costs					
Total Project Cost					\$1,989,180
Project Life (years)					20
Interest Rate (%)					8%
Capital Recovery Factor					0.1019
Annual Construction Cost					\$202,602
Annual Maintenance Cost					\$0.00
Total Annual Costs					\$202,602
Benefit / Cost					
Annual Benefit		Annual cost		Benefit / Cost Ratio	
\$918,840		\$202,602		4.5	
*REQUIRED: Use 4 and 5 star CMFs from ADOT Lists Only at Tabs 14 - 15 preferred. The CMF's CRF is used in the above calculation					

Preliminary Roundabout



Utilities Map

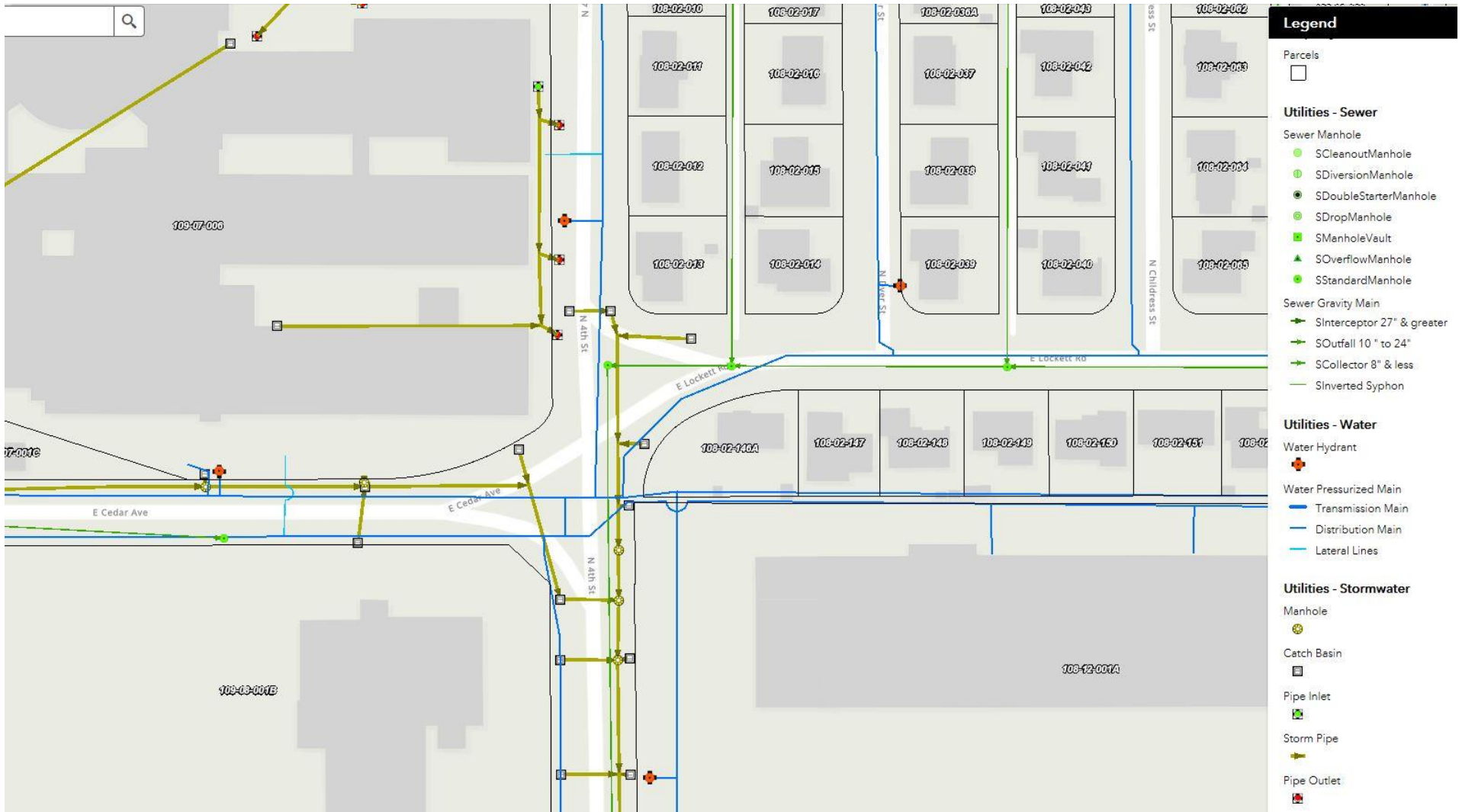


Table 6. Safety Projects with the FMPO -area: FY 2019-2023
Fiscal Years 2019-2023 as of 8/22/18

fmco_cog	Project_sponsor	tip_ID_#	ADOT Proj_#	Fed Proj_#	Project_name Project_location Project_description	Length	federal_functional_class	lanes_before	lanes_after	FY 2019 (OA)	FY 2020 (OA)	FY 2021 (OA)	FY 2022 (OA)	federal_aid_type	federal_funds 2019-2022	local_match: 2019-2022	Total Project Cost
fmco	Flagstaff	161201-1	SH59701C	FLA-0(218)	Sign replacement	n/a	all	n/a	n/a					HSIP	\$ 247,797	\$ 14,978	\$ 409,610
fmco	Flagstaff	101020	pending	pending	Fourth St/Cedar Ave/Lockett Rd - Roundabout	n/a	Urban arterial	n/a	n/a	HSIP	\$ 450,000	\$ 92,398	\$ 1,385,968	HSIP	\$ 1,928,366		\$ 1,989,179
					Fourth St/Cedar Ave/Lockett Rd Intersection construction					Local	\$ 30,000	\$ 30,813			\$ 60,813		100% funds
					Phase						ad	r	c				

Phase Codes: a = ADOT administration fee; s = study; d = design; r = right-of-way; c = construction



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GREATER # FLAGSTAFF

STAFF REPORT

REPORT DATE: March 12, 2020

MEETING DATE: March 25, 2020

TO: Honorable Chair and Technical Advisory Committee Members

FROM: David Wessel, FMPO Planning Manager

SUBJECT: Lone Tree Corridor Update

1. Recommendation:

i *This item is for discussion only*

2. Related Strategic Workplan Item

i *FMPO (MetroPlan) leverages resources*

Consider pursuing an additional \$300,000 for the Lone Tree Traffic Interchange

3. Background

i *MetroPlan staff continues to gather information on Lone Tree from its partners. Sufficient information and preliminary analysis may lead to a priority effort by MetroPlan to re-evaluate the Lone Tree Traffic Interchange.*

Two pieces of information can be shared. First, MetroPlan placed a request to the ADOT Multimodal Planning Division Modeling Group for current estimates and projections for the I-40 corridor. Staff will provide any response at the meeting. Second, the City of Flagstaff and ADOT reached tentative agreement on the scope of a \$120,000 project assessment to replace the I-40 bridges over Lone Tree Road. Three options will be studied:

1. Bridges in current location

** Concern of clearance of existing bridge, additional Lone Tree lanes and bike lanes is twice the existing distance which increase structure depth..*

** Lone Tree goes down OR I-40 goes up at much cost*

2. New bridges adjacent to existing bridges

** Requires re-aligning I-40*

** Good for traffic control*



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** Short term closure on Lone Tree*

3. New Lone Tree alignment at Traffic Interchange location in DCR

** Diamond interchange with Lone Tree under*

** Any options with Lone Tree going over means nothing to learn from PA as ADOT not involved in the design and construction*

** Did not look at braid due to expense and prospects of value engineering*

** Existing alignment not widened. NOTE: May want to examine implications of this for traffic flow, multimodal needs, etc.*

** I-40 is re-aligned in all DCR alternatives*

A final note, the I-40 pavement preservation project no longer requires a traffic cross-over that would have been advantageous to the bridge construction.

City and ADOT staff will be called upon for updates.

4. Fiscal Impact

i *There is no fiscal impact at this time.*

5. Alternatives

i *None*

6. Attachments

i *None*



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GREATER # FLAGSTAFF

STAFF REPORT

REPORT DATE: March 18, 2019

MEETING DATE: March 25, 2020

TO: Honorable Chair and Technical Advisory Committee Members

FROM: David Wessel, FMPO Manager

SUBJECT: DRAFT 2021-2025 Transportation Improvement Program

1. Recommendation:

i This item is for discussion only

2. Related Strategic Workplan Item

i FMPO (MetroPlan) leverages resources

3. Background

i MetroPlan is mandated to produce a Transportation Improvement Program (TIP) to track regional federal transportation spending. The TIP indicates the year that funds will be obligated for a project.

Major updates to the TIP happen annually and require compliance with public participation rules including a call for projects and public comment period. Endorsement of the TIP adoption schedule, and subsequent approval by the Board, authorizes staff to submit requisite advertisements and postings saving time and action.

The tables attached to this report are draft. They represent the draft capital improvement programs from MetroPlan member agencies. The TAC is requested to review them for accuracy, opportunities for coordination, or for any role that MetroPlan might play in planning or delivery.

As a reminder, the 2021-2025 TIP adoption schedule is:

- January 22, 2020 – Call to member agencies to submit draft capital improvement programs
- February 4, 2020 – Executive Board approves TIP adoption schedule
- March 1, 2020 – Ad in Daily Sun and web posting: Call for Projects



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- April 22, 2020 – TAC reviews draft. Ad and posting: Call for Comments
- May 27, 2020 – TAC recommendation to Board for TIP adoption
- June 3, 2020 – Board adoption

4. Fiscal Impact

i No fiscal impact

5. Alternatives

i No alternatives

6. Attachments

i Draft TIP 2021-2025 Tables

Table 1. Arizona Department of Transportation: Tentative 5-Year Highway Construction Program

Sponsor	Proj ID	Project name - location - description	Fund	Project cost	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total 2021-2025
ADOT	100028	Riordan ATSFRR Overpass I-40 at BNSF tracks (MP 190) Construct scour retrofit	NHPP	\$ 300,000		\$ 300,000					\$ 300,000
ADOT	8804	A-1 Mountain TI Underpass I-40 at A-1 Mtn Rd (MP 190-191) Bridge replacement	NHPP	\$ 6,841,000	641,000		6,200,000				\$ 6,200,000
ADOT	55214	West Flagstaff TI Overpass EB/WB I-40 at Route 66 (MP 191-192) Bridge replacement	NHPP	\$ 7,000,000	7,000,000						\$ 0
ADOT COF	19816	Butler Ave TI/Fourth St Overpass @ I-40 I-40 at Butler/Fourth (MP 198-200) Bridge rehabilitation and replacement	NHPP City	\$ 11,800,000	\$ 6,700,000 \$4,600,000						\$ 11,300,000
ADOT	7863	B40 Rio de Flag Bridge Route 66 from Humphreys to Sitgreaves Bridge replacement	NHPP	\$ 4,376,000	\$ 4,000,000						\$ 0
ADOT	8319	B40/US 180 Turn Lanes Humphreys St from Route 66 to Aspen Construct NB and SB turn lanes	NHPP	\$ 1,000,000	\$ 700,000	\$ 1,340,000					\$ 300,000
TOTALS						\$ 23,641,000	\$ 1,640,000				\$ 18,100,000

Phase Codes: s = study; d = design; r = right-of-way; c = construction; u = utilities

Table 2. FMPO proposed and unfunded projects on Arizona Department of Transportation system

Sponsor	Proj ID	Project name - location - description	Fund	Project cost	FY 2019	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total 2021-2025
ADOT	100578	Lone Tree/I-40 Traffic Interchange I-40 at MP196.5 New interchange	STP	\$ 104,000,000			-- ILLUSTRATIVE PROJECT ONLY --			\$ 117,666,000	\$ 117,666,000
TOTALS										\$ 117,666,000	\$ 117,666,000

Phase Codes: s = study; d = design; r = right-of-way; c = construction; u = utilities

Table 3. FMPO Surface Transportation Block Grant (STBG) projects

Updated March 17, 2020

<i>Sponsor</i>	<i>Proj ID</i>	<i>Project name - location - description</i>	<i>Fund</i>	<i>Project cost</i>	<i>FY 2020</i>	<i>FY 2021</i>	<i>FY 2022</i>	<i>FY 2023</i>	<i>FY 2024</i>	<i>FY 2025</i>	<i>Total 2021-2025</i>
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566	\$ 430,542	\$ 430,542					\$ 430,542
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566			\$ 430,542 \$ 26,042				\$ 430,542
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566				\$ 430,542 \$ 26,042			\$ 430,542
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566					\$ 430,542 \$ 26,042		\$ 430,542
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566						\$ 430,542 \$ 26,042	\$ 430,542
FMPO	100120	General administration and planning See Unified Planning Work Program	STBG Local	\$ 456,566						\$ 430,542 \$ 26,042	\$ 430,542
COF	TBD	Fourth Street Complete Street Corridor BUILD Grant* Fourth/Huntington to Fourth/Butler Bridge replacement, corridor widening, intersection	STBG Local	\$ 24,086,817		\$ 2,785,616 \$ 5,501,201				\$ 15,800,000	\$ 18,585,616
TOTALS					\$ 430,542	\$ 8,743,401	\$ 456,584	\$ 456,584	\$ 456,584	\$ 16,256,584	\$ 20,738,326

Phase Codes: s = study; d = design; r = right-of-way; c = construction; u = utilities

* BUILD grant FY20 funds are budgeted local tax funds and secured or in process private development funds. ADOT funds for bridge replacement are budgeted and shown as STBG \$2.6M.

Actual source of other federal funds may change. FY24 illustrative year \$1.7M (county) and \$15.8M (city) are requested BUILD funds and will be advanced to FY20 and FY21 if awarded.

Table 4. Non-Federal Aid Projects on the Federal Aid System

Sponsor	Proj ID	Project name - location - description	Fund	Project cost	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total 2021-2025
COF	UPDATED	Lone Tree Railroad Overpass Butler Ave to Route 66 Construct new road and railroad overpass	420	\$ 16,392,000	\$ 2,392,000	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ 10,000,000	\$ 24,000,000
					dc	c	c	c	c		
COF		Lone Tree Road Widening Butler Ave to Pine Knoll Dr Road widening	419	\$ 3,468,000					\$ 3,468,000		\$ 3,468,000
									dc		
COF	100123	Butler Ave / Fourth St Intersection Butler Ave and Fourth St Reconstruct/raise intersection	Trans	\$ 3,735,753	\$ 2,288,121						\$ 2,288,121
					dc						
COF		Butler Avenue Widening Herold Ranch Rd to Sinagua Heights Dr Road widening	419	\$ 6,340,000		\$ 500,000	\$ 2,420,000	\$ 2,364,000	\$ 1,056,000	\$ 1,500,000	\$ 7,840,000
					d	dc	c	c	c		
COF	???	Fourth Street Widening Soliere Dr to Sparrow Ave Road widening	Trans	\$ 1,563,906	\$ 1,013,906						\$ 1,013,906
					c						
COF	???	Pedestrian-Bicycle-FUTS Projects Various Construct new facilities	419	\$ 10,000,000		\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 10,000,000
						c	c	c	c		
COF		Milton to Butler NB Turn Lane Extension Route 66 to Butler Ave Extend NB turn lane	Trans	\$ 400,000	\$ 400,000						\$ 400,000
	????				dc						
COF		West Route 66 Intersection Intersection to be determined Intersection reconstruction	419	\$ 2,785,000		\$ 585,000	\$ 850,000		\$ 1,359,999		\$ 2,794,999
						dc	c	c			
COF	100128	Country Club / Oakmont Intersection Country Club Dr and Oakmont Dr Intersection reconstruction	419	\$ 1,115,000				\$ 115,000	\$ 500,000	\$ 500,000	\$ 1,115,000
								d	c		
COF	TBD	Industrial Drive - Huntington to Purina Phase 3 Forest Meadows St to Yale St Construct new street	Trans	\$ 3,644,797	\$ 3,644,797						\$ 0
COF	100129	Beulah Boulevard Extension Forest Meadows St to Yale St Construct new street	Trans	\$ 8,096,492	\$ 8,096,492						\$ 8,096,492
CC	100582	Bellemont Roundabout/Shadow Mtn Rd Transwestern Rd to Alpine Dr Construct new roundabout, add shoulders	CC	\$ 4,500,000	\$ 1,000,000	\$ 2,700,000					\$ 3,700,000
					u	c					
CC	TBD	Ancient Trail Overlay/Shoulders Kachina Tr to Tonalea Tr Mill and overlay; add shoulders	CC	\$ 594,000			\$ 54,000	\$ 540,000			\$ 594,000
	???						d	c			
CC	100583	Kachina Trail Overlay Ancient Tr to Kona Tr Mill and overlay	CC	\$ 450,000			\$ 450,000				\$ 450,000
							c		d		
CC	100606	Stardust Lane Overlay/Shoulders Silver Saddle Rd to McGee Rd Mill and overlay; add shoulders	CC	\$ 2,350,000					\$ 2,195,000		\$ 2,195,000
									dc		
TOTALS					\$ 16,443,316	\$ 5,785,000	\$ 5,774,000	\$ 5,019,000	\$ 7,110,999		\$ 40,487,518

Table 5. FY2021-2025: Transit Projects within the FMPO-area
 updated: February 13, 2020

Line #	Project Description	Fund Type	Current Year	2021	2022	2023	2024	2025	Local Cost **	Federal Cost	Total Cost
1	Operating Assistance, including Project Management	5307, including STIC	\$ 9,190,562	\$ 9,462,373	\$ 9,649,861	\$ 9,841,098	\$ 10,036,160	\$ 10,036,160	\$ 44,923,702	\$ 13,292,512	\$ 58,216,214
2	Passenger Shelters, Signs, and Poles	5307, STBG State Flex	\$ 103,291	\$ 103,291	\$ 103,291	\$ 103,291	\$ 103,291	\$ 103,291	\$ 123,949	\$ 495,797	\$ 619,746
3	High-Capacity Transit Route -Engineering and Environmental	5307	\$ 2,281,919						\$ 580,000	\$ 1,701,919	\$ 2,281,919
4	Building Construction - Office Remodel	5339	\$ 500,000						\$ 100,000	\$ 400,000	\$ 500,000
5	Downtown Connection Ctr - Acquire/Design/Construct	5307, 5339	\$ 6,827,938						\$ 1,365,588	\$ 5,462,350	\$ 6,827,938
6	Preventative Maintenance	STBG Local	\$ 353,750						\$ 70,750	\$ 283,000	\$ 353,750
7	Planning, Transportation Improvement Plan (CYMPO)	5307	\$ 264,000						\$ 44,000	\$ 220,000	\$ 264,000
8	Route 66/Kaspar Intersection - Design/Construction	5307, 5339	\$ 2,777,814						\$ 555,563	\$ 2,222,251	\$ 2,777,814
9	NAU Milton Rt 66 Campus Entry Study	5339	\$ 150,000						\$ 30,000	\$ 120,000	\$ 150,000
10	NAU McConnell Dr. and Sidewalk Multimodal Improv. - Design	5339	\$ 444,750						\$ 88,950	\$ 355,800	\$ 444,750
11	Replacement Paratransit Vehicles (2 Cutaway Buses)	5307	\$ 240,000						\$ 48,000	\$ 192,000	\$ 240,000
12	Downtown Connection Ctr - Construct	5339	\$ 31,138,260						\$ 15,463,260	\$ 15,675,000	\$ 31,138,260
13	Replacement Buses (Electric, total of 2)	5339	\$ 2,000,000						\$ 400,000	\$ 1,600,000	\$ 2,000,000
14	Kaspar Master Plan - Expansion of Maintenance Facility	5307	\$ 250,000						\$ 50,000	\$ 200,000	\$ 250,000
15	Bus Storage Facility (Campus Location)	5307, 5339	\$ 1,421,391						\$ 284,278	\$ 1,137,113	\$ 1,421,391
16	Electrification Infrastructure	unfunded						\$ 2,000,000	\$ 400,000	\$ 1,600,000	\$ 2,000,000
17	Plans and Planning, non-operations (TOD, Corridor, Mobility/OnDemand Studies)	unfunded						\$ 1,000,000	\$ 200,000	\$ 800,000	\$ 1,000,000
18	Bus Support Equip - Fare Collection	unfunded						\$ 250,000	\$ 50,000	\$ 200,000	\$ 250,000
19	Acquisition of Property for NAIPTA Expansion	unfunded						\$ 2,500,000	\$ 500,000	\$ 2,000,000	\$ 2,500,000
20	NAU McConnell Dr Multimodal Improvements	unfunded						\$ 7,000,000	\$ 1,400,000	\$ 5,600,000	\$ 7,000,000
21	NAU - Milton Campus Entry	unfunded						\$ 3,500,000	\$ 700,000	\$ 2,800,000	\$ 3,500,000
22	Kaspar Master Plan - Remodel and Electrification	unfunded						\$ 6,000,000	\$ 1,200,000	\$ 4,800,000	\$ 6,000,000
23	Bus Storage Facility (Campus Location)	unfunded						\$ 16,638,328	\$ 3,327,666	\$ 13,310,662	\$ 16,638,328
24	CDL Training and Testing Facility	unfunded						\$ 1,000,000	\$ 200,000	\$ 800,000	\$ 1,000,000
25	High-Capacity Transit - Acquisition/Construction	unfunded						\$ 27,000,000	\$ 5,400,000	\$ 21,600,000	\$ 27,000,000
26	High-Capacity Transit - Fleet Expansion	unfunded						\$ 10,000,000	\$ 2,000,000	\$ 8,000,000	\$ 10,000,000
27	Route and Route Infrastructure Improvements (capital)	unfunded						\$ 6,400,000	\$ 1,280,000	\$ 5,120,000	\$ 6,400,000
28	Park n Ride Transit Center	unfunded						\$ 3,000,000	\$ 600,000	\$ 2,400,000	\$ 3,000,000
29	Replacement Buses (Hybrid/Electric, total of 12)	unfunded						\$ 12,000,000	\$ 2,400,000	\$ 9,600,000	\$ 12,000,000
30	Replacement Paratransit Vehicles (Cutaway Buses, total of 4)	unfunded						\$ 1,000,000	\$ 200,000	\$ 800,000	\$ 1,000,000
TOTAL ALL CATEGORIES			\$ 57,943,675	\$ 9,565,664	\$ 9,753,152	\$ 9,944,389	\$ 10,139,451	\$ 109,427,779	\$ 83,985,705	\$ 122,788,404	\$ 206,774,110

Table 6. FTA Section 5310 transit projects within the FMPO area							
Updated March 18, 2020							
<i>Agency</i>	<i>FY - Award</i>	<i>Location</i>	<i>Project description</i>	<i>Fund type</i>	<i>Local cost</i>	<i>Federal cost</i>	<i>Total cost</i>
Civic Service Institute - NAU	2020	Small Urban	Senior Companion Program	5310 - Operating	\$ 15,000	\$ 15,000	\$ 30,000
NAIPTA	2020	Small Urban	ADA Plus	5310 - Operating	\$ 90,000	\$ 90,000	\$ 180,000
NAIPTA	2020	Small Urban	Taxi voucher program	5310 - Operating	\$ 30,000	\$ 30,000	\$ 60,000
NAIPTA	2020	Small Urban	Bus stop mobility program	5310 - Capital	\$ 15,000	\$ 60,000	\$ 75,000
NAIPTA	2020	Small Urban	Mobility management	5310 - Mblty mgmt	\$ 22,500	\$ 90,000	\$ 112,500
					\$ 172,500	\$ 285,000	\$ 457,500
	<i>FY - Pending</i>						
Civic Service Institute - NAU	2021	Small Urban	Senior Companion Program	5310 - Operating	\$ 40,000	\$ 40,000	\$ 80,000
The Guidance Center	2021	Small Urban	Additional drivers	5311 - Operating	\$ 18,270	\$ 18,270	\$ 36,540
Quality Connections, Inc	2021	Small Urban	Replacement mini-vans with ramp	5310 - Capital	\$ 10,230	\$ 37,200	\$ 47,430
Quality Connections, Inc	2021	Small Urban	Replacement mini-vans with ramp	5310 - Capital	\$ 10,230	\$ 37,200	\$ 47,430
NAIPTA	2021	Small Urban	ADA Plus	5310 - Operating	\$ 113,670	\$ 113,670	\$ 227,340
NAIPTA	2021	Small Urban	Taxi voucher program	5310 - Operating	\$ 75,000	\$ 75,000	\$ 150,000
NAIPTA	2021	Small Urban	Bus stop mobility program	5310 - Capital	\$ 20,000	\$ 80,000	\$ 100,000
					\$ 287,400	\$ 401,340	\$ 688,740
TOTALS					\$ 459,900	\$ 686,340	\$ 1,146,240

Table 7. Safety projects with the FMPO area

Sponser	Proj ID	Project name - location - description	Fund	Project cost	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total 2021-2025
ADOT	100997	I-40 Variable Speed Signs/Operations I-40 from MP 186 to 206 Var speed limit signs/operations equip	HSIP	\$ 6,105,000	\$ 469,000	\$ 5,636,000					\$ 5,636,000
						d	c				
COF	101020	Fourth/Cedar/Lockett Roundabout Fourth St/Cedar Ave/Lockett Rd Reconstruct intersection as roundabout	HSIP	\$ 1,989,179	\$ 450,000	\$ 92,398	\$ 1,385,968				\$ 1,478,366
			Local		\$ 30,000	\$ 30,813					\$ 30,813
					ad	r	c				
TOTALS						\$ 5,759,211	\$ 1,385,968				\$ 7,145,179

Table 8. Pavement preservation projects within the FMPO area											
Spenser	Proj ID	Project name - location - description	Fund	Project cost	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total 2021-2025
ADOT	100241	I-17 Pavement Preservation SB County line to McConnell Dr bridge Pavement preservation	NHPP	\$ 36,220,000	\$ 320,000		\$ 35,900,000				\$ 35,900,000
					d		c				
ADOT	8162	I-40 Pavement Preservation I-17 to Walnut Canyon Rd Pavement preservation	NHPP	\$ 21,773,000	\$ 320,000		\$ 21,453,000				\$ 21,453,000
							c				
ADOT	101004	State Route 89A Pavement Preservation McConnell Dr to Route 66 Pavement preservation	NHPP	\$ 5,889,000		\$ 320,000		\$ 5,569,000			\$ 5,889,000
						d		c			
ADOT	100199	Cosnino Road TI Underpass I-40 at Cosnino Rd Bridge rehabilitation	NHPP	\$ 2,600,000				\$ 500,000		\$ 4,000,000	\$ 4,500,000
								d		c	
ADOT	8808	Winona TI Underpass I-40 at Townsend-Winona Rd Bridge rehabilitation	NHPP	\$ 5,300,000	\$ 5,300,000						\$ 0
							c				
ADOT	100188	Airport Rd TI Underpass I-17 at J.W. Powell Blvd Bridge rehabilitation	NHPP	\$ 4,800,000		\$ 800,000		\$ 4,000,000			\$ 4,800,000
								d		c	
ADOT	24415	State Route 89A Spur Overpass I-17 at McConnell Dr Bridge rehabilitation	NHPP	\$ 5,000,000	\$ 5,000,000						
							c				
COF	???	Beal Rd/Navajo Rd I-17 at McConnell Dr Street reconstruction	RRSS	\$ 12,453,198	\$ 1,034,298	\$ 3,901,300	\$ 5,028,400	\$ 2,489,200			\$ 11,418,900
COF	TBD	Pavement Overlay varies	RRSS	varies	\$ 4,088,988	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000	\$ 4,000,000	\$ 11,000,000
											c
COF	TBD	Aztec Street Road reconstruction and utility replacement	RRSS	\$ 1,442,922	\$ 1,442,922						\$ 0
											d
COF	TBD	West Flag Quadrant Repairs varies Pavement preservation	RRSS	\$ 4,974,914	\$ 4,574,914		\$ 400,000				\$ 400,000
											c
COF	TBD	Coconino Estates All roads Street reconstruction	RRSS	\$ 13,415,223	\$ 4,877,423	\$ 6,128,400	\$ 2,409,400				\$ 8,537,800
CC		Kachina Trail Kona Trail to Tolani Trail Overlay					\$ 35,250				
											d
TOTALS					\$ 26,958,545	\$ 12,149,700	\$ 66,190,800	\$ 13,558,200		\$ 8,000,000	\$ 103,898,700

AGENDA

Executive Board Meeting

10:00 AM to Noon

April 1, 2020

City of Flagstaff Council Chambers

Regular meetings and work sessions are open to the public. Persons with a disability may request a reasonable accommodation by contacting the City of Flagstaff City Clerk's Office at 928-779-7607. The FMPO 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 by contacting the FMPO at 928-213-2651 as early as possible to allow time to arrange the accommodation. ***A quorum of the TAC may be present.***

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

EXECUTIVE BOARD MEMBERS

- Coral Evans, Mayor, Flagstaff City Council, Chair
- Charlie Odegaard, Flagstaff City Council, Vice-Chair
- Jesse Thompson, Arizona State Transportation Board Member
- Matt Ryan, Coconino County Board of Supervisors
- Art Babbott, Coconino County Board of Supervisors
- Jim McCarthy, Flagstaff City Council
- Regina Salas, Flagstaff City Council (alternate)
- Jim Parks, Coconino County Board of Supervisors (alternate)

METROPLAN STAFF

- Jeff Meilbeck, Executive Director
- David Wessel, Manager
- Martin Ince, Multi-Modal Planner
- Rosie Wear, Business Manager

I. PRELIMINARY GENERAL BUSINESS

A. CALL TO ORDER

B. ROLL CALL

C. 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.)

D. APPROVAL OF MINUTES

- Minutes of Regular Meeting: February 5, 2020

II. CONSENT AGENDA

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

A. TIP Amendments

B. UPWP Amendments

III. GENERAL BUSINESS

A. Amend Master IGA to Add NAIPTA to Executive Board

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommends the Board sign and acknowledge an Amended Master IGA adding NAIPTA (Mountain Line) to the MetroPlan Executive Board.

B. Resolutions to adopt Arizona State Retirement System (ASRS) (2020-03) and Social Security Coverage (2020-04)

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommends the Board adopt Resolution 2020-03 and 2020-04 to proceed with ASRS and SSI eligibility for MetroPlan and authorize MetroPlan's Executive Director to sign related agreements.

C. Financial Services Notices to the City of Flagstaff and ADOT

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommends the Executive Board take two actions: 1) approve a letter of notice to the Flagstaff City Manager terminating administrative and financial services effective June 30, 2020; and 2) approve a letter to ADOT assuming responsibility for administrative and financial services effective July 1, 2020.

D. Transition IGA with City of Flagstaff

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommends the Board approve an IGA with the City of Flagstaff detailing how transition tasks, funds, and responsibilities will be handled by each organization.

E. IGA with Mountain Line for Personnel and Other Services

MetroPlan Staff: Jeff Meilbeck

Recommendation: Staff recommends the Executive Board approve an IGA with Mountain Line for personnel and other services.

F. Legislative Update

MetroPlan Staff: Jeff Meilbeck

Recommendation: No recommendation is being made but the Board may provide direction related to MetroPlan's legislative agenda.

G. Transportation Board Dinner

MetroPlan Staff: Jeff Meilbeck

Recommendation: No recommendation is being made

H. Project Prioritization Update

MetroPlan Staff: Dave Wessel

Recommendation: This item is for information only, but the Board may provide direction on MetroPlan’s project prioritization methodology.

I. Coordinated Plan

MetroPlan Staff: Dave Wessel

Recommendation:

J. Items from the Executive Director

IV: RECESS INTO EXECUTIVE SESSION – MetroPlan Executive Director Contract

Discussion or consideration of employment, assignment, appointment, promotion, demotion, dismissal, salaries, disciplining or resignation of a public officer, appointee or employee of any public body, except that, with the exception of salary discussions, an officer, appointee or employee may demand the discussion or consideration occur at a public meeting. The public body shall provide the officer, appointee or employee with written notice of the executive session as is appropriate but not less than twenty -four hours for the officer, appointee or employee to determine whether the discussion or consideration should occur at a public meeting, pursuant to A.R.S. Section 38-431.03(A)(1).

V: CLOSING BUSINESS

A. ITEMS FROM THE BOARD

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

B. ADJOURN

FMPO Funding Sources & Eligible Applicants Matrix

Prepared February 2020

Annual Funding									
Source	Program	Abbreviation	Range / Amount	Eligible Applicants					
				MetroPlan	City of Flagstaff	Coconino County	Mountain Line	ADOT	NAU
Federal Highway Administration	Metropolitan Planning	PL	\$122,000	✓					
FHWA-ADOT	State Planning & Research	SPR	\$125,000	✓					
FHWA	Surface Transportation Block Grant	STBG	\$466,000	✓	✓	✓	✓	✓	✓
Federal Transit Administration	Metropolitan & Statewide Planning	5305d	\$38,000	✓					

In-State Competitive Grants									
Source	Program	Abbreviation	Range / Amount	Eligible Applicants					
				MetroPlan	City of Flagstaff	Coconino County	Mountain Line	ADOT	NAU
FHWA	Highway Safety Improvement Program	HSIP	\$5,000,000	✓	✓	✓		✓	✓
FHWA	Transportation Alternative Program	TAP	\$1,000,000		✓	✓	✓	✓	✓
FTA-ADOT	Metropolitan & Statewide Planning	5305e	\$300,000	✓			✓		✓
FHWA	Railway Highway Crossings Program				✓	✓		✓	
FHWA	Federal Lands Access Program	FLAP	\$250,000 - \$30,000,000		✓	✓		✓	
State of Arizona	Special Appropriation		\$3,000,000 - \$20,000,000	✓	✓	✓	✓	✓	✓

In-State Partnership Opportunity									
Source	Program	Abbreviation	Range / Amount	Eligible Applicants					
				MetroPlan	City of Flagstaff	Coconino County	Mountain Line	ADOT	NAU
FHWA	Surface Transportation Block Grant	STBG, etc.	Varies	✓	✓	✓	✓	✓	✓

National Competitive Grants									
Source	Program	Abbreviation	Range / Amount	Eligible Applicants					
				MetroPlan	City of Flagstaff	Coconino County	Mountain Line	ADOT	NAU
USDOT	Better Utilizing Investments to Leverage Development	BUILD	\$5,000,000-\$200,000,000	✓	✓	✓	✓	✓	✓
FHWA	Infrastructure for Rebuilding America	INFRA	\$5,000,000 - \$100,000,000		✓	✓	✓	✓	✓
FHWA	Advanced Transportation and Congestion Management Technologies Deployment	ATCMTD	\$60,000,000 nationwide		✓	✓	✓	✓	✓
FRA	Consolidated Rail Infrastructure and Safety Improvements	CRISI	\$250,000,000 nationwide		✓	✓		✓	
U.S. Congress	Special Appropriation		varies	✓	✓	✓	✓	✓	✓

FMPO Funding Sources & Eligible Uses Matrix

Prepared February 2020

Confidence or Probability Level High Medium Low

Annual Funding									
Source	Program	Abbreviation	Amount	Eligible Uses					
				Staff	Overhead	Planning / Data	Construction	Match	Non-eligible Activity
Federal Highway Administration	Metropolitan Planning	PL	\$122,000						
FHWA-ADOT	State Planning & Research	SPR	\$125,000						
FHWA	Surface Transportation Block Grant	STBG	\$466,000						
Federal Transit Administration	Metropolitan & Statewide Planning	5305	\$38,000						

In-State Competitive Grants									
Source	Program	Abbreviation	Range Amount	Eligible Uses					
				Staff	Overhead	Planning	Construction	Match	Non-eligible Activity
FHWA	Highway Safety Improvement Program	HSIP	\$5,000,000						
FHWA	Transportation Alternative Program	TAP	\$1,000,000						
FTA-ADOT	Metropolitan & Statewide Planning	5305	\$300,000						
FHWA	Railway Highway Crossings Program								
FHWA	Federal Lands Access Program	FLAP	\$250,000 - \$30,000,000						
State of Arizona	Special Appropriation		\$3,000,000 - \$20,000,000						

In-State Partnership Opportunity									
Source	Program	Abbreviation	Range Amount	Eligible Uses					
				Staff	Overhead	Planning	Construction	Match	Non-eligible Activity
FHWA	Surface Transportation Block Grant	STBG, etc.	Varies						

National Competitive Grants									
Source	Program	Abbreviation	Range Amount	Eligible Uses					
				Staff	Overhead	Planning	Construction	Match	Non-eligible Activity
USDOT	Better Utilizing Investments to Leverage Development	BUILD	\$5,000,000-\$200,000,000						
FHWA	Infrastructure for Rebuilding America	INFRA	\$5,000,000 - \$100,000,000						
FHWA	Advanced Transportation and Congestion Management Technologies Deployment	ACTMTD	\$60,000,000 nationwide						
FRA	Consolidated Rail Infrastructure and Safety Improvements	CRISI	\$250,000,000 nationwide						
U.S. Congress	Special Appropriation		varies						



METROPLAN

GREATER † FLAGSTAFF

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928-266-1293
www.metroplanflg.org

Strategic Workplan January 1, 2020 to June 30 2021

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

- MetroPlan is focused:
 - Adopts clearly delineated objectives
 - Provides ambitious and credible solutions
 - Strategically plans for political and financial realities and possibilities
- MetroPlan 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
- MetroPlan leverages resources:
 - Strategically leverages project champions and other plans
 - Writes and secures competitive grants
- MetroPlan plans for resiliency:
 - Invests time and resources to expand mode choice
- MetroPlan is fair and equally representative
- MetroPlan builds trust and credibility
 - Exhibits integrity in its work products
 - Exercises openness and transparency
 - Delivers on its promises

5 Year Horizon:

- Convenes local, state and federal policy discussions to influence policy makers for transportation funding purposes.
- Facilitates communication and planning between member agencies to identify shared priorities, align goals and advance projects with one consolidated regional voice.

- Creates a climate of synergy and collaboration and maximizes resources by leading planning efforts on multijurisdictional projects that are shared member agency priorities or that member agencies and community partners cannot complete on their own.
- Informs outside and surrounding regional communities of what resources Metro Plan offers.
- Shares innovative practices that enhance member agencies ability to deliver transportation improvements.

Measurable Objectives

1. Complete MetroPlan’s transition to independence so that MetroPlan is fully self-sufficient by June 30, 2020.
2. Increase name recognition and understanding of MetroPlan’s role by conducting at least 10 outreach presentations to local and State groups and committees by June 30, 2021.
3. Clarify MetroPlan’s role and how it will support member agencies in the region by inventorying regional priorities, evaluating projects through a relevant prioritization matrix, choosing 3 top projects for MetroPlan and identifying the role MetroPlan will play in each project.
4. Work with member agencies to identify which grants MetroPlan should pursue so that MetroPlan’s role is complimentary to and is not competing with member agencies for the same funding sources by September 30, 2021 by...
 - Inventorying available funding sources for transportation projects and present opportunities including what funds are available and which agencies are eligible
 - Identifying which grants MetroPlan will pursue and what role MetroPlan will play such as writing grants, providing technical assistance, or providing letters of support.
5. Participate in, review, and take formal action in support of -- or recommending adjustments to -- ADOT’s Milton/Hwy 180 plan by June 30, 2021.
6. Consider restoring funding in the TIP to small-scale improvements around key multimodal safety projects by providing at least \$50,000 per year of MetroPlan funds to member agency projects as match.
7. Secure at least \$2.1 Million in resources over the next 5 years in a manner that directly benefits member agencies (at least \$750,000 by June 30, 2021)
8. Consider pursuing an additional \$300,000 for the Lone Tree TI design by June 30, 2020
9. Support member agency efforts to secure a low interest loan to reduce local taxpayer interest expense by at least \$10,000,000 from budgeted amounts by June 30, 2021
10. Complete an update to the Regional Transportation Model by December 31, 2020.
11. Initiate 20 year Regional Transportation Plan (RTP) process and have scope completed and team assembled by December 31, 2020
12. Participate in City-led outreach and design efforts on the Lone Tree Corridor (JWP to Butler) and Lone Tree Railroad Overpass through June 30, 2021
13. Educate State Leadership about the value of indexing the gas tax for inflation with goal of State action by June 30, 2020.
14. Review and revise mandated compliance documents including Title VI, DBE Policy, State Performance Targets
15. Define what it means to be “the finest transportation system in the Country”.