

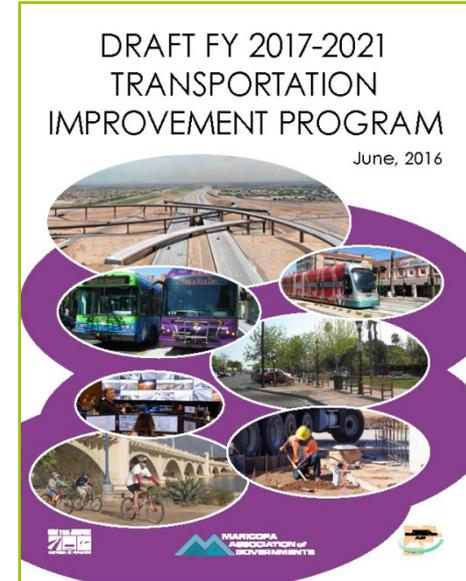
Call for Projects, FY2017-2021 TIP Workshop

August 22, 2016
Teri Kennedy, Steve Tate

1. General Information & Schedule
2. FAST Act
3. Funding
 - a) Congestion Mitigation and Air Quality Improvement Program
 - b) Surface Transportation Block Grant Program: Transportation Alternatives Program and SRTS
4. Applications and Eligibility
5. Programming Principles
6. Breakout Sessions

MAG Staff

- ❖ Dean Giles
- ❖ Jason Stephens
- ❖ Margaret Boone
- ❖ Steve Tate
- ❖ Teri Kennedy



<http://www.azmag.gov/Transportation/ModalApplications.asp>

FY2017-2021 TIP Modal Applications

IN THIS SECTION

Location: Home >> Transportation >> ModalApplications

- Regional Transportation Plan (RTP)
- Transportation Improvement Program (TIP)
- Arterial Life Cycle Program (ALCP)
- Traffic Data, Forecasts and Modeling
- Regional Transportation Plan Freeway Completed Project Cards - Phase I
- Intelligent Transportation Systems Program
- Transportation Safety Planning Program
- Transportation Studies and Reports
- Commuter Rail Planning
- Federal Stimulus Legislation
- MAG Transportation Data Management System
- MAG Performance Measurement Website
- Access Management

August, 2016

The Maricopa Association of Governments (MAG) is pleased to announce a call for projects to be funded with Federal Highway Administration sub-allocated Congestion Mitigation and Air Quality Improvement Program (CMAQ), PM-10 Congestion Mitigation and Air Quality Improvement Program (CMAQ), Transportation Alternatives Program (TAP-MAG) for Safe Routes to School eligible activities. Total funding available is currently estimated at over \$ 3.3 million and funding years and amounts vary by program. Eligible region wide project types include Bicycle-Pedestrian non-infrastructure Safe Routes to School projects, and PM-10 Certified Street Sweepers.

Programming Documents:

- **Memo: Call for Projects: Notice of Funding (PDF)**
- **FY2017 Street Sweeper Applications in the PM-10 Nonattainment Areas (Excel)**
(Agencies in Maricopa and Pinal Counties non-attainment area within the MAG planning region are eligible).
 - **ADOT Policies and Procedures: Federal Property Management Standards (PDF)**
 - **Certified Street Sweepers Under SCAQMD (PDF)**

Competitive FHWA Federal Fund Programming FY2017-2021 TIP

2016

August	15	Issue Call For Projects
	22	<ul style="list-style-type: none"> • Workshop on FHWA Applications, 3 - 4 p.m. - Chaparral Room, 2nd Floor MAG. Breakout sessions, Palo Verde and Chaparral rooms.
September	13	<ul style="list-style-type: none"> • 2:30 - 3:30 p.m., MAG Chaparral Room, Open Working Group - Federal Fund Project Applications
	27	<ul style="list-style-type: none"> • 11:15 - 12:15 p.m., MAG Chaparral Room, Open Working Group - Federal Fund Project Applications
	29	<ul style="list-style-type: none"> • Thursday, September 29th: 10:00 A.M. - Due Date and Time, signed Project Applications due to MAG. <u>Late Applications will not be accepted.</u>
October	3	Applications posted to Website at 5 p.m.
	11	Street Committee reviews Federal Fund Applications, First Review
	24	DUE: Questions & Comments on SRTS applications from Transportation Safety Committee.
	27	AQTAC: Recommend a prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2017 CMAQ funding to the MAG Management Committee.

Competitive FHWA Federal Fund Programming FY2017-2021 TIP

2016

November	8	Street Committee second review of Federal Fund Applications, CMAQ evaluations available.
	9	Management Committee: Recommend the prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2017 CMAQ funding to the MAG Regional Council.
	15	Transportation Safety Committee: Technical review of SRTS projects (applicant presentations).
December	7	Regional Council: Approve the prioritized list of proposed PM-10 Certified Street Sweeper Projects for FY 2017 CMAQ funding.
	8	TRC: Review prioritized listing of FY 2018, 19, 20 TAP non-infrastructure SRTS projects.

2017

January	11	Management Committee: Review prioritized listing of FY 2018, 19, 20 TAP non-infrastructure SRTS projects.
	25	Regional Council: Review prioritized listing of FY 2018, 19, 20 TAP non-infrastructure SRTS projects.



<http://www.fhwa.dot.gov/fastact/>

- December 4, 2015, President Obama signed the [Fixing America's Surface Transportation \(FAST\) Act](#) (Pub. L. No. 114-94) into law.
- The first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment (through 2020).
- Continues the **Congestion Mitigation and Air Quality Improvement Program (CMAQ)** and converts the long-standing Surface Transportation Program (STP) into the Surface Transportation *Block Grant* Program (ST-BGP); that includes a set-aside of ST-BGP funding for Transportation Alternatives Program activities.



- Congestion Mitigation And Air Quality Improvement Program (CMAQ)
- Transportation Alternatives Program (TAP).*
- Match requirements continue at: 5.7% local, with 94.3% federal.

*MAG programs:

Transportation Alternatives : [Safe Routes to School Eligible activities for Non-Infrastructure](#)

- Provides funding to States for transportation projects **designed to improve air quality and reduce traffic congestion**, particularly in areas of the country that do not attain national air quality standards.
- The RTP provides a balanced distribution of funding for each eligible mode.
- Projects that use CMAQ funding include Bicycle-Pedestrian, PM-10 Paving, PM-10 Certified Street Sweepers, PM-2.5 Paving, and Intelligent Transportation Systems.

Transportation Alternatives MAG Regional Goals:

1. Improve pedestrian and bicyclist accessibility and connectivity on the transportation network.
 2. Assist in providing a safe environment for the bicyclists and pedestrians on both the on-street and the off-street transportation networks.
 3. Make bicycling and walking to K-8 schools a safer and more desirable transportation alternative to motorized vehicles.
- Projects that use TAP funding include Bicycle-Pedestrian-Trails infrastructure projects, Safe Routes to School Eligible Activities such as non-infrastructure and safety planning.

Project Types:

- **PM-10 Certified Street Sweepers** in FY 2017 - \$2,600,422 in federal CMAQ funds.
- **Transportation Alternatives Non-Infrastructure Safe Routes to School Studies** in FYs 2018, 2019, 2020 - \$300,000 each year in federal ST-BGP: TAP-MAG funds.
- **Transportation Alternatives Safe Routes to School – Support Activity Projects** in FYs 2018, 2019, 2020 - \$100,000 each year in federal ST-BGP: TAP-MAG funds.



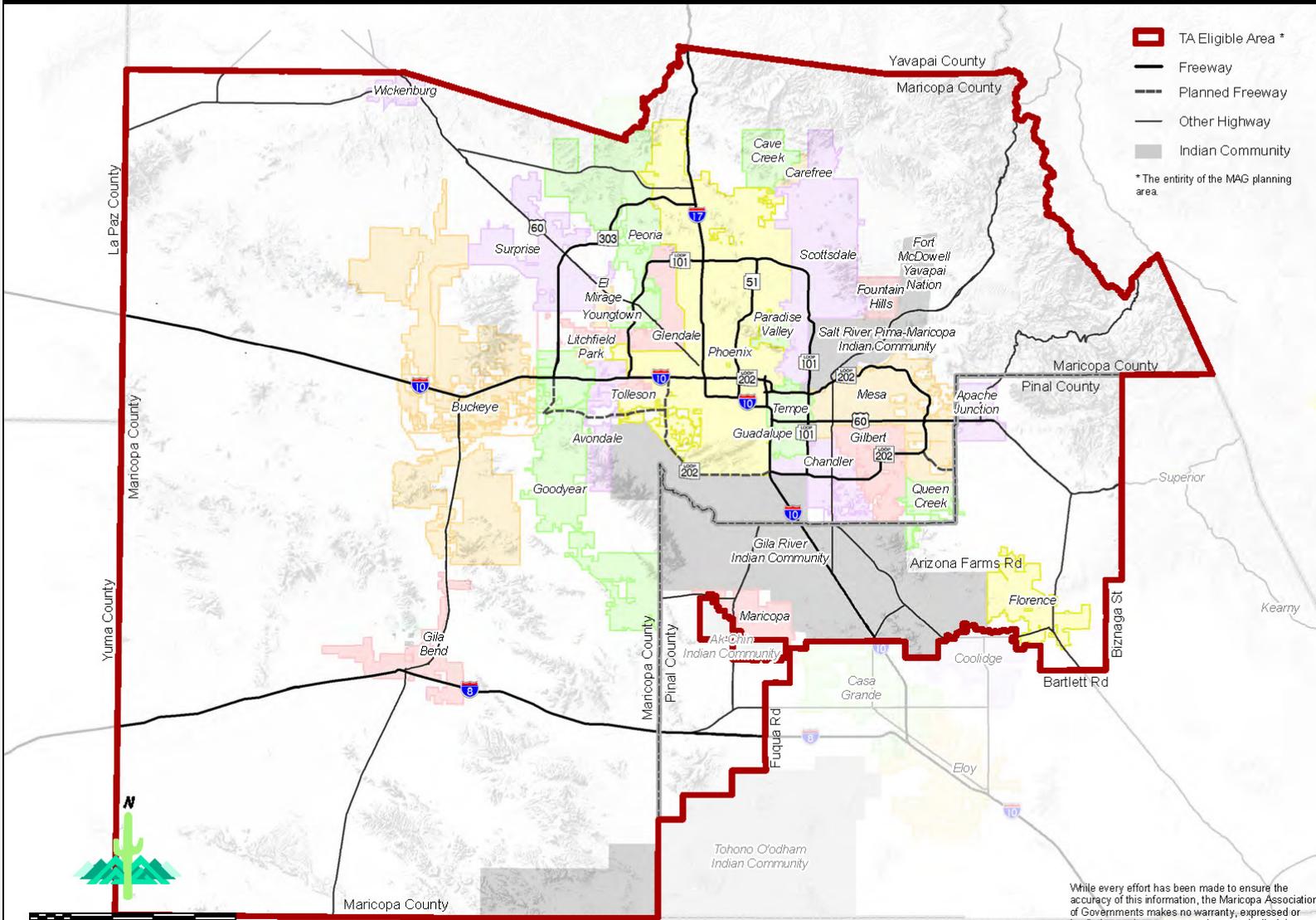
CMAQ eligible project area for each program has limitations

- PM-10 Street Sweepers: PM-10 nonattainment area in the MAG planning region, and applicant must be a member of MAG.

Surface Transportation Block Grant Program eligible project area: TAP: Safe Routes to School Non-infrastructure & Studies.

- Anywhere in the MAG planning region.

TA Bicycle/Pedestrian Application Area



- TA Eligible Area *
 - Freeway
 - Planned Freeway
 - Other Highway
 - Indian Community
- * The entirety of the MAG planning area.



0 5 10 15 20 25 Miles
Date: July 2015

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

- MAG Staff will insure that **applications received are complete**. Basic eligibility review completed and then **posted to website**.
- Applicants will receive a receipt that their applications was received and was complete or incomplete.
- Modal Committee will **review applications prior to the first meeting**.
- *No individual presentations will be provided for Street Sweepers. However questions by Street Committee may be made to the applicant.*
- At the Transportation Safety Committee meeting, **each applicant will present their project(s)** with a pre-generated powerpoint that is composed of photos and graphics from their application. Each applicant will have not more than 5 minutes with a 5 minute Q and A by the committee.

For each applicant, the Street and Transportation Safety Committees will determine the following:

- **Project definitional adequacy.** The committee will determine that the project is defined in sufficient detail to allow technical review.
- **Project feasibility.** The committee will determine that the project is free from fatal flaws (e.g. commitment to maintain or operate, or adequate budget) that would prevent it from being implemented.
- **Schedule adequacy.** The committee will determine that the schedule laid out for the project, including locally funded work phases is reasonable and adequate for the year the project is requested to be authorized.
- **Cost estimate adequacy.** The committee will determine that cost estimates for the project are reasonable, accurate and account for all work phases (e.g. preliminary engineering, specification, procurement, etc.) and fees (e.g. ADOT review fees) necessary to complete the project.
- **Performance data adequacy.** The committee will determine that performance data (e.g. ADT, miles of sweeping) or surrogate measures used to determine performance (e.g. number of walkers along a route) is reasonable and well documented.

For each applicant, the committee will determine the following:

- **Revisions.** If there are outstanding questions concerning the project, MAG may require the sponsoring agency to revise its application to address the questions. **If an updated application is required, the sponsoring agency has one week to provide an updated application.** The revisions will be presented at the second meeting of the Committee.
- **Second meeting (If needed)– project ranking.** At the second meeting the committee will review and address outstanding issues from the previous meeting and recommend a ranked listing of projects for review by the Air Quality Technical Advisory or Transportation Review Committees. The ranked list will include all projects presented to the Committee along with the committee's determinations and the results of required analyses as identified (next slides). **If there are no outstanding issues from the information review, this meeting may be combined with the first meeting.**

For each project type, the evaluation will use the following:

Air Quality Cost Effectiveness Analysis

- ❑ PM-10 Certified Street Sweepers (Procurement)

Safe Routes to School Evaluation Criteria

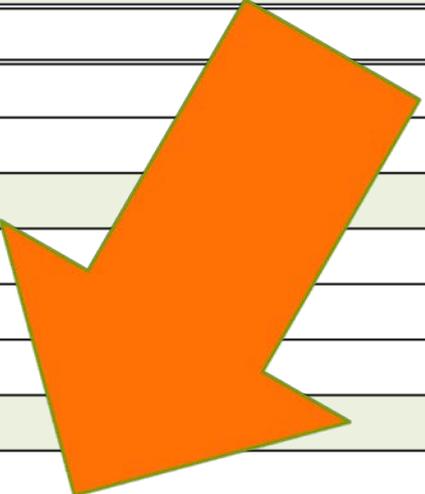
- ❑ Title 1 school(s), Five E's, Safety Criteria, Project sustainability



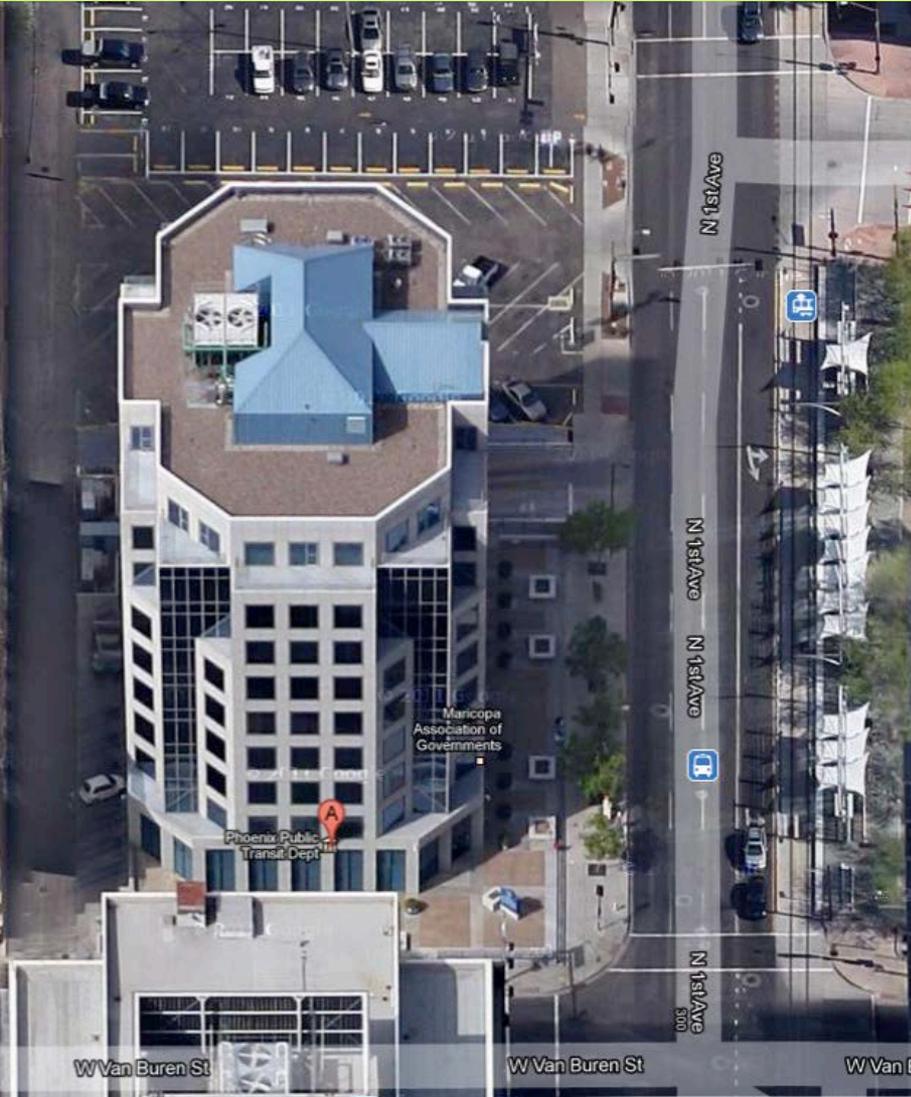
2. Local Agency Contact Information (Joint Application):

Applications that include Studies for one or more schools located either in part or entirely in another jurisdiction must be endorsed by that local agency. Please select the Endorsing Local Agency below and obtain their signature(s) to complete Part F. Please select up to three (3) Local Agency (endorsing agency) name(s) by selecting from the drop down box provided next to "Local Agency". Once the Local Agency is selected, the appropriate contact information will automatically populate for you based on your selection. (See Note below)

Local Agency Contact #1	Local Agency:	
	Contact Name:	
	Phone Number:	
	E-mail Address:	
Local Agency Contact #2	Local Agency:	
	Contact Name:	
	Phone Number:	
	E-mail Address:	
Local Agency Contact #3	Local Agency:	
	Contact Name:	
	Phone Number:	



Maps

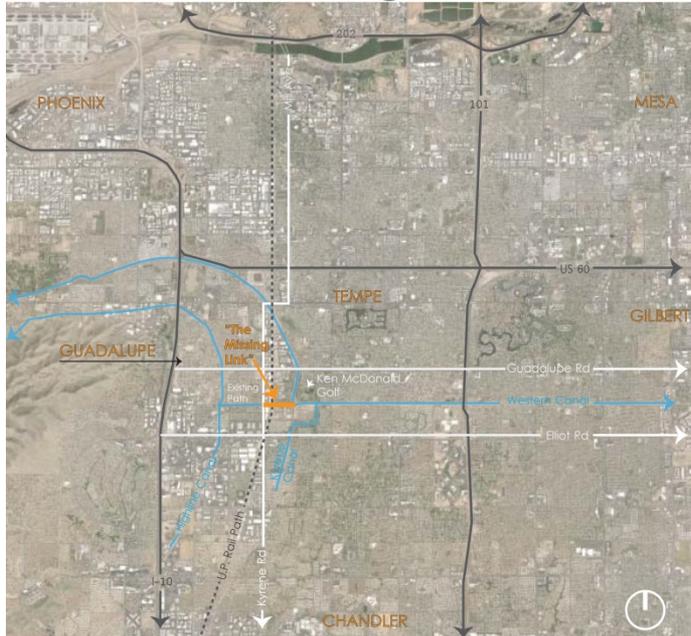


Give the viewer a sense of where the project is located

- Condition of the surrounding area
- If possible, use aerial imagery
- Google maps – it's Free!
- www.google.com/maps

Relational Map

The Missing Link



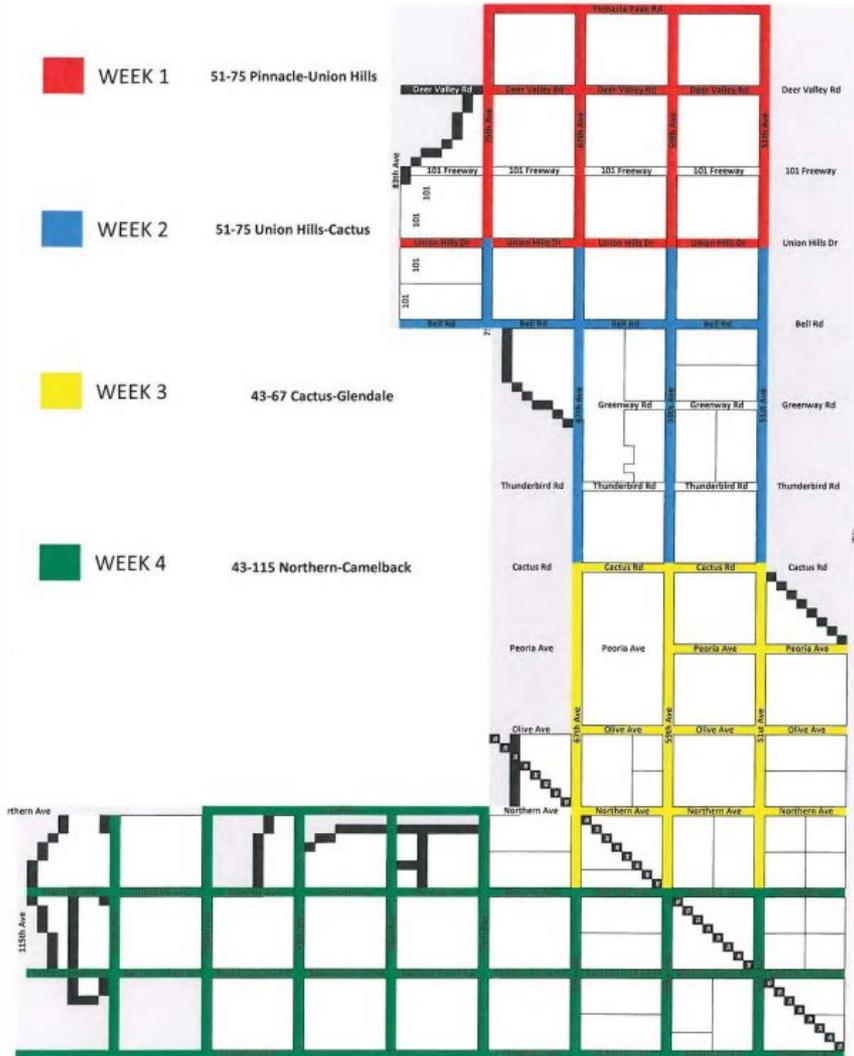
Segment Detail Map

Attachment 2 - Western Canal Path/The Missing Link



Sweeping Map

STREET SWEEPING MAIN ARTERIALS MONTHLY SCHEDULE



Required

- Proposed project site or route for service.

PM-10 Certified Street Sweepers, SRTS Applications:

- Required:
 - Cost estimate (budget worksheet included)
 - ADOT Admin Fee is required for SRTS (\$2,000).
 - Contingency
- Requested MAG Programming –
 - PM-10 Certified Street Sweepers FY2017.
 - SRTS: Select which year(s) (2018, 19 or 20) is your first preference.
- Federally funded work phase match is **94.3-5.7%**



Who is the jurisdiction's manager/administrator or designated representative?

- A jurisdiction's manager/administrator is the City/Town/Agency/Community Manager. A designated representative of a jurisdiction is an employed staff person of the jurisdiction designated by the chief administrator to sign MAG funding request documents on behalf of that jurisdiction.

1. Transmit Application electronically – Keep in excel format, support items including photos, graphics, etc., can be in pdf. ***GIS shape files of project are appreciated.***
2. Submit 1 signed copy to MAG by **10:00 A.M.**
Early apps appreciated!
 - Drop off or mail
 - *Running late* – Fax over signed copies, or scan and send.

Thursday, September 29, 2016 10:00 A.M.

Late applications will not be accepted

- ADOT Policies and Procedures - Federal Property Management Standards, Section 8.07
- **Important: ADOT Approval Is Required Prior To Street Sweeper Disposals**
- Disposal requests are to be sent in writing to Dean Giles, MAG, and are to include:
 - Complete description of item to be disposed, reason for disposal, and manner of sale.

Thank you!

MAG Staff 602.254.6300

- Jason Stephens
jstephens@azmag.gov
 - Dean Giles
dgiles@azmag.gov
 - Margaret Boone
mboone@azmag.gov
 - Steve Tate
state@azmag.gov
- Teri Kennedy
tkennedy@azmag.gov

<http://www.azmag.gov/Transportation/ModalApplications.asp>

ADOT



- Eric Boyles
eboyles@azdot.gov
602.712.4428

Thank you

Break out Sessions 3:30-4:00

Chaparral Room (here)

- Street Sweepers
 - ❖ Dean Giles,
Steve Tate

Palo Verde Room

- TAP Safe Routes to School
 - ❖ Margaret Boone

Street Sweepers

What the sweeper will be used for:

- Replace a noncertified sweeper
- Expand service area
- Increase sweeping frequency
- Replace an older certified sweeper
- Sweeping cycle length
- Lane miles
- Average weekday traffic

- Detailed price estimate from vendor is required
- 5% Plan for PM-10 includes street sweepers
- Location & maps of where street sweeper will be used
- Sweeper fleet
- Federal, Local, and Total eligible costs for sweeper
- **Additional local costs – not eligible**
- Maintenance of Sweepers is agency's responsibility for useful life of the vehicle.

Thank you!

MAG Staff 602.254.6300

- Jason Stephens
jstephens@azmag.gov
 - Dean Giles
dgiles@azmag.gov
 - Margaret Boone
mboone@azmag.gov
 - Steve Tate
state@azmag.gov
- Teri Kennedy
tkennedy@azmag.gov

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ADOT

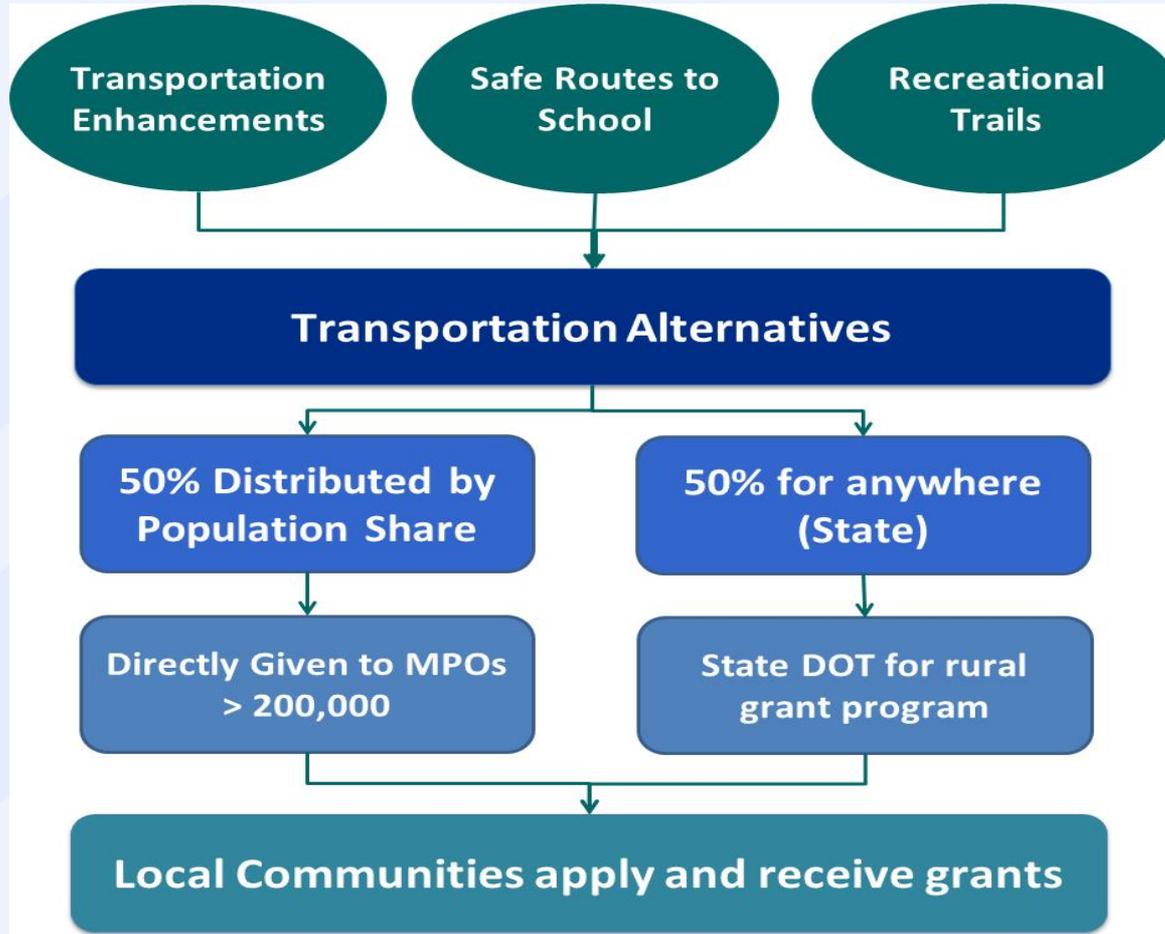


- Eric Boyles
eboyles@azdot.gov
602.712.4428

**MAG TA/SRTS
FFY2018-20
TIP Application Breakout Session**

**August 22, 2016
Margaret Boone, P.E.,
ITS & Safety Engineer III**

MAG TA/SRTS Background



MAG TA Non-Infrastructure SRTS: GOALS

- Establish a transparent review/evaluation process for programming TA Funding
- Fund programs eligible under the FAST Act STBG guidelines
- Support SRTS Studies: identify needed improvements on K-8 routes.
- Support SRTS implementation strategies
- Support pedestrian/bike safety activities
- Engage Stakeholders

TA Non-Infrastructure SRTS: **OBJECTIVES**

- Identify needs and provide walking/biking route maps.
- Enable and encourage children, including those with disabilities, to walk and bike to school.
- Develop educational programs: emphasize a safe a transportation alternative
- Establish programs that facilitate the data collection, planning and development of programs and activities

23 U.S.C. 213(c)(4)(B) Eligible Entities:

- Local governments
- Regional transportation authorities
- Transit agencies
- School Districts
- Tribal Governments

The MAG TA/SRTS program follows the federal guidance provided for SRTS projects administered at schools located within the jurisdiction of the entities eligible to receive TAP funds as indicated in the list above. This would be the entity carrying out the “ground level” work (SRTS project) with the schools. The MAG program requires that applications be submitted by a MAG member agency working in partnership with or as the eligible entity

Eligible Activities

- SRTS workshops that target school & community
- Modest incentives for contests/incentives
- Costs for additional law enforcement or equipment needed for enforcement activities
- Equipment and training needed for establishing crossing guard programs
- Costs to employ a SRTS Program Manager

MAG Priority Eligible Activities

- Costs to engage the services of a consultant to develop SRTS studies and walking/biking route maps.
- Bulk item ordering; bike helmets, crossing guard vests, stop paddles, 15 MPH rollout signs, etc.
- Development of project websites to promote, track, and report program progress and obtain community feedback.

MAG Draft Strategic Transportation Safety Plan

Vulnerable Road Users Action Area

- 4.3 Promote and administer Safe Routes to School framework studies to identify school traffic issues and produce walking and biking route maps

MAG TA/SRTS Priorities

SRTS projects eligible for utilizing MAG Region non-infrastructure funds:

Priority 1: Studies - Develop SRTS framework studies, generation of new or to update walking/biking route maps

Priority 2: Support Activities - Development of program websites, bulk item ordering; bike helmets, crossing guard vests, stop paddles, 15 MPH rollout signs, etc.

MAG TA Non-Infrastructure (SRTS) Funds

- Available amount this round: \$400,000 each program year FFY2018, 2019, 2020
- Allocation among project types
 - \$300k Priority 1: \$100k max per application
 - \$100k Priority 2: \$50k max per application

Evaluation Team TA/SRTS Projects



MAG
Transportation
Safety
Committee

Schedule for Non-Infrastructure

Date	Action
Aug 22, 2016 3:00 p.m.	Workshop
Sept 27, 2016 11:15 a.m.	TIP Application Open WG
Sept 29, 2016 10:00 a.m.	Submittal Deadline
Sept 29, 2016 Noon	Application receipts sent
Oct 3, 2016 10:00 a.m.	Deadline for missing components
Oct 24, 2016 3:00 p.m.	Safety Committee Q & C sent
Oct 26, 2016 10:00 a.m.	Deadline for responses
Nov 8, 2016	Candidate project list sent
Nov 15, 2016 9:00 a.m.	Project Presentations
Dec 8, 2016 10:00 a.m.	TRC Committee review
Jan 2017	MAG Management, TPC, RC
Jan 2017	**Submit to ADOT**

Application

The Excel application form includes:

- General Instructions
- Cover Sheet
- Part A: MAG member & Local Agency Contact
- Part B: Project Information
- Part C: Cost Estimate Form
- Part D: Signature Page
- Part E: Checklist
- Part F: Required Attachments
- Transmittal Instructions and Schedule

Review of TA/SRTS Applications

Application and Process

- One PDF file: complete, signed application including attachments (Cover, Part A-E)
- One Excel file: complete application, no signatures, no attachments
- E-mail BOTH the PDF and Excel file to:
srts@azmag.gov
- **No later than 10 a.m. September 29, 2016**
- **NO LATE APPLICATIONS WILL BE ACCEPTED**
- E-mail with attached files < 10MB

**No Late Applications will be
accepted**

Next Steps

- **September 29, 2016 10 a.m.** Applications due
- Oct/Nov 2016: Review and recommendation of project list
- Jan 2017: Approval of list of projects and transmission to ADOT
- Local Agency administration – DO NOT START BEFORE ADOT PROVIDES AUTHORIZATION

Resources

The following information is available on the MAG TIP modal application Website at:

www.azmag.gov/Transportation/ModalApplications.asp

- MAG TA/SRTS Goals and Objectives document
- MAG TA/SRTS Eligibility document
- Local Agency SRTS Contact List
- Example SRTS Framework Study

Other SRTS resources are provided as **active links** in the application form

Need Help or Have Questions?

Margaret Boone

mboone@azmag.gov

Or

(602) 254-6300