A CALL FOR PROJECTS
FHWA STP PINAL CO MEMBERS

MARICOPA ASSOCIATION OF GOVERNMENTS
MARCH 10, 2015
WORKSHOP

Teri Kennedy, John Bullen, Stephen Tate
March 10, 2015
Today’s Agenda

1. General Information & Schedule
2. MAP-21
   1. Goals and Objectives
3. Eligibility
4. Funding
   a) FHWA Surface Transportation Program – Pinal County
5. Applications and Programming Principles
6. ADOT Local Governments Project Development Process
7. Questions and Answers
Webpage

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

All documents, and forms are available on the webpage
Project Application Schedule

- Tuesday, March 10, 2015 – 10:00 a.m. – 12:00 p.m. - Pre-application Workshop
- Monday, March 23, 2015 – 1:30 p.m. – 2:30 p.m. - Open Working Group
- Tuesday, April 6, 2015 – 10:00 A.M. – Application for MAG Federal Fund Program due – LATE APPLICATIONS WILL NOT BE ACCEPTED

Tentative Committee/approval Schedule, - subject to change:

- April 2015 – Street Committee reviews applications and presentations are made, committee recommendations are made. (April 2014 – Street Committee provides programming /project recommendations – if needed )
- April or May 2015– TRC recommends list of projects for funding.
- May or June – Management & RC approve programming list of projects, contingent on next finding of conformity.
Open Working Groups

- Time for applicants to work on their applications with MAG staff. Time will be provided on a first come first serve basis.

- Working Sessions/groups will be scheduled to meet agency and MAG staff availability.

- These are not formal workshops or meetings and no presentations will be given.
July 6, 2012, President Obama signed into law P.L. 112-141, the Moving Ahead for Progress in the 21st Century Act (MAP-21).

- MAP-21 restructures core highway formula programs.
- Although MAP-21 achieves dramatic policy and programmatic changes, reform of the way highway programs are funded remains a challenge for the future.*
- We currently are on a Continuing Resolution and expect an extension to be approved.

http://www.fhwa.dot.gov/map21/summaryinfo.cfm
GOALS AND OBJECTIVES FOR THE PINAL STP PROGRAM

GOALS
1. Reduce Congestion: to achieve a significant reduction in congestion on the region’s transportation system.
2. Promote Economic Vitality: to support regional economic development.
3. Enhance System Preservation: to maintain and preserve the region’s transportation system.
4. Improve Safety: to achieve a significant reduction in traffic fatalities and serious injuries on the region’s roadways.

OBJECTIVES
1) Address congestion at …
2) Promote Economic V…
3) Preserve the system by …
4) Reduce serious crashes by
Eligibility of Projects

- Must be eligible per the Surface Transportation Program Federal Guidelines:

- Additional MAG limitations to:
  - **Financial Ceiling** for award of initial construction programming: $2 million, or $3 million for joint projects max.
  - **Funding** Design and Construction phases,
  - **Yes, ADOT review fees are eligible for federal funding;** include them.
PINAL COUNTY STP: GENERALIZED ELIGIBLE PROJECTS

- Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for highways (Collectors and above, includes Parkways).
- Bridges and other elevated structures, and tunnels.
- Inspection and evaluation of bridges and tunnels and training of bridge and tunnel inspectors.
- Intersection, Drainage improvements

- Carpool projects, fringe and corridor parking facilities and programs.
- Highway and transit safety infrastructure improvements.
- Transportation alternatives.
- Transportation control measures.
- Infrastructure-based intelligent transportation systems.
- Capital costs for transit projects.
Projects and Federal Funds

- Funding is available for Design and Construction projects.
- Match ratio is 5.7% local, and 94.3% federal*
- Agencies that receive project funding awards are required to report bi-annually to MAG on project development schedule and budgets.

* Eligible activities
# Available Federal Funds

<table>
<thead>
<tr>
<th>FFY</th>
<th>Pinal County Non Lifecycle STP Sub-Allocation</th>
<th>$5.7 million</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/1/2014</td>
<td>Available Federal Funds</td>
<td>$5.7 million</td>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Loans out</th>
<th>Loans In</th>
<th>Balance For Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>(1,213,265)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2015</td>
<td>(1,610,000)</td>
<td>396,735</td>
<td>-</td>
</tr>
<tr>
<td>2016</td>
<td>(1,213,265)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2017</td>
<td>816,530</td>
<td>2,029,795</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>1,213,265</td>
<td>2,426,530</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>1,213,265</td>
<td>1,241,170</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>1,265,993</td>
<td>1,265,993</td>
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</table>

Estimated
MAG Federal Fund Programming Principles
(in the Transp. Programming Guidebook)

- MAG Staff will issue a receipt when completed application is received.
- MAG staff will notify Street Committee when applications are available for review and the presentation order.
- Technical Advisory Committee’s (TAC) role is to administer a project evaluation process that results in a list of eligible project applications with a recommended ranking and programming list.
  - The Street Committee will initially evaluate technical aspects of the proposed projects in the April 14th meeting. Agencies will present projects, and the committee may make programming recommendations.
  - The MAG Transportation Review Committee will make a recommendation on a ranking of the proposed Projects.
EVALUATION CRITERIA

Quantitative
1. Travel Times
2. Bridge/pavement condition ratings
3. Per capita VMT
4. Crash Rates

Qualitative
1. Local project commitment
   a) In CIP, plan, resolution
   b) Board, council request
2. Regional project
   a) Multi-jurisdictional
   b) Intermodal connector
3. Panel review
4. Supplemental points
5. ...
MAG Federal Fund Programming Principles
(in the Transp. Programming Guidebook)

- The TAC will evaluate modal aspects and technical merits of each project. And may ask project agency questions to clarify the project’s eligibility and merit.

- The TAC **will not** change the project scope, schedule, budget or requested federal funds.
MAG Federal Fund Programming Principles
(in the Transp. Programming Guidebook)

- Two tiered review process
  - 1st meeting – review applications, presentations of projects applications, questions about information in applications is reviewed.
  - 2nd meeting (if needed) – continue review of any additional clarified project information, review scores, move forward with recommended ranking and programming process.

- April or May 2015 Transportation Review Committee to recommend projects to be selected and programmed with federal funds. The rank order will determine awarded projects based on availability of funding.**
• Modal specific applications; one for each.
• Read and complete all sections.
• **Choose a descriptive project name**, it will follow the project to completion.
• Assume that the person who will award your project has never seen the area.
  • Be descriptive, detailed, have beginning and end points, quantities, and all basic elements of project identified.
• Consider after implementation, the maintenance and operational costs over the useful life of the project that **your agency** will be responsible for.
Application Tabs

- Each application is multipart.
- Fill out each tab; additional tabs included for multiple project sections.

<table>
<thead>
<tr>
<th></th>
<th>Number of property damage only crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>8. Multimodal</td>
<td>Multimodal characteristics (check all that apply)</td>
</tr>
<tr>
<td></td>
<td>□ Roadway has transit route</td>
</tr>
<tr>
<td></td>
<td>□ Has striped bicycle lanes</td>
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</tbody>
</table>
Each project will include one or more segments of a roadway, shoulder, bridge, etc. to be improved. A segment is defined as either:

- A length of roadway, alley, shoulder, path, sidewalk, etc. to be improved with a fixed starting and ending limit that has a relatively uniform cross section or
- Discontinuous roadways, shoulder, path, sidewalk, etc. improvements along a continuous length of roadway with a fixed starting and ending limit that has a relatively uniform cross section.
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
Graphic Example with segments
Segment Description & Proposed Improvements

- Details of project:
  - Current condition
    - Surface
    - AWDT
    - Traffic
    - Anticipated Environmental
  - ROW
  - Utilities
Map & GIS Resources

- Pinal County Assessor parcel lookups: [http://pinalcountyaz.gov/Assessor/Pages/ParcelSearch.aspx](http://pinalcountyaz.gov/Assessor/Pages/ParcelSearch.aspx)
- Pinal County GIS [http://www.pinalcountyaz.gov/departments/informationtechnology/gis/Pages/Home.aspx](http://www.pinalcountyaz.gov/departments/informationtechnology/gis/Pages/Home.aspx)
Segment Description & Proposed Improvements

- **Details of project:**
  - Proposed Improvements
  - Type of project
  - Description of work
  - Cross Section
  - Alignment changes
  - Type of paving, treatment, etc.
  - Access points
Site Visits

- Required
- Photos of the current condition of the proposed project site
- Minimum of 1 photo is required. If your project contains eight segments, please include photos for each, if the cross-sections are different.
Project Costs

Applications:

- **Required:**
  - Cost estimate (budget worksheet included)
    - Construction
    - ADOT Construction Admin Fee is required
    - Contingency
  - Requested MAG Programming – MAG will program for Design and Construction phase for each project. Select which year is your first preference.
**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.
Transmittal Instructions

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 2 signed copies to MAG by April 6, 2015, 10:00 A.M. Early apps appreciated!
   - Drop off or mail
   - Running late – Fax over signed copies, or scan and send. The originals have to follow in mail or in person ASAP.

Monday, April 6, 2015 by 10:00 A.M.
Late applications will not be accepted
Project Development Life Cycle
Project Development

Construction
• Award
• Construction administration
• Construction oversight
• Materials sampling and testing
• Mitigation

Final Acceptance
• Project close out
• Funding reimbursement
• Monitoring
• Recordkeeping / Reporting
Project Development

Planning/Programming
- Project identified
- Funding identified / Eligibility approved
- Programmed in TIP / STIP
- ADOT Project Number (TRACS) assigned
- Federal-Aid Project Number assigned (Authorization)
- Scoping

Development/Design
- Scoping
- IGA
  - Identifies design review fee / local match components
- Clearances (Environmental, ROW, Railroad/Utilities, Materials Memo)
  - Environmental/ROW issues can lengthen timeline
- Consultant selection
- Plan Stages
  - Design should not proceed beyond 30% without NEPA clearance
- Funding authorization
- Bid
Thank you!

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Staff Available if you have questions:

MAG Staff: 602-254-6300

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