



# **A CALL FOR PROJECTS FHWA STP PINAL CO MEMBERS**

## **MARICOPA ASSOCIATION OF GOVERNMENTS MARCH 10, 2015 WORKSHOP**

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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

MAG is hiring! View all open positions on our careers page.  Site Index >>

**MARICOPA ASSOCIATION of GOVERNMENTS**

- Member Agencies
- Regional Council
- Committees
- Projects
- Transportation
- Environmental Programs
- Human Services
- Information Services
- Administration
- Communications
- Information Technology
- Fiscal Services

## FY2014-FY2018 TIP Modal Applications

Location: Home >> Transportation >> ModalApplications

**IN THIS SECTION**

- 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

**February, 2015**

The Pinal County STP Call For Projects is open. Applications are Due at MAG by Monday, April 6, 2015, 10:00 am:

**Programming Documents:**

- 2015 Pinal County Surface Transportation Program (STP) Call for Projects: Memo, Schedule, and Map
- 2015 Pinal County Surface Transportation Program (STP) Application

**Presentation:**

- Pinal STP Call For Projects Presentation (to come)

**Applications Received:**

(information to be posted by April 8, 2015)

**Calendar**

**MARCH 2015**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**MARICOPA ASSOCIATION of GOVERNMENTS**

# 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.**



# 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*

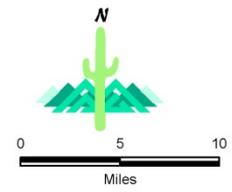
# Eligibility of Projects

- Must be eligible per the Surface Transportation Program Federal Guidelines:
  - <http://www.fhwa.dot.gov/map21/factsheets/stp.cfm>
- 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

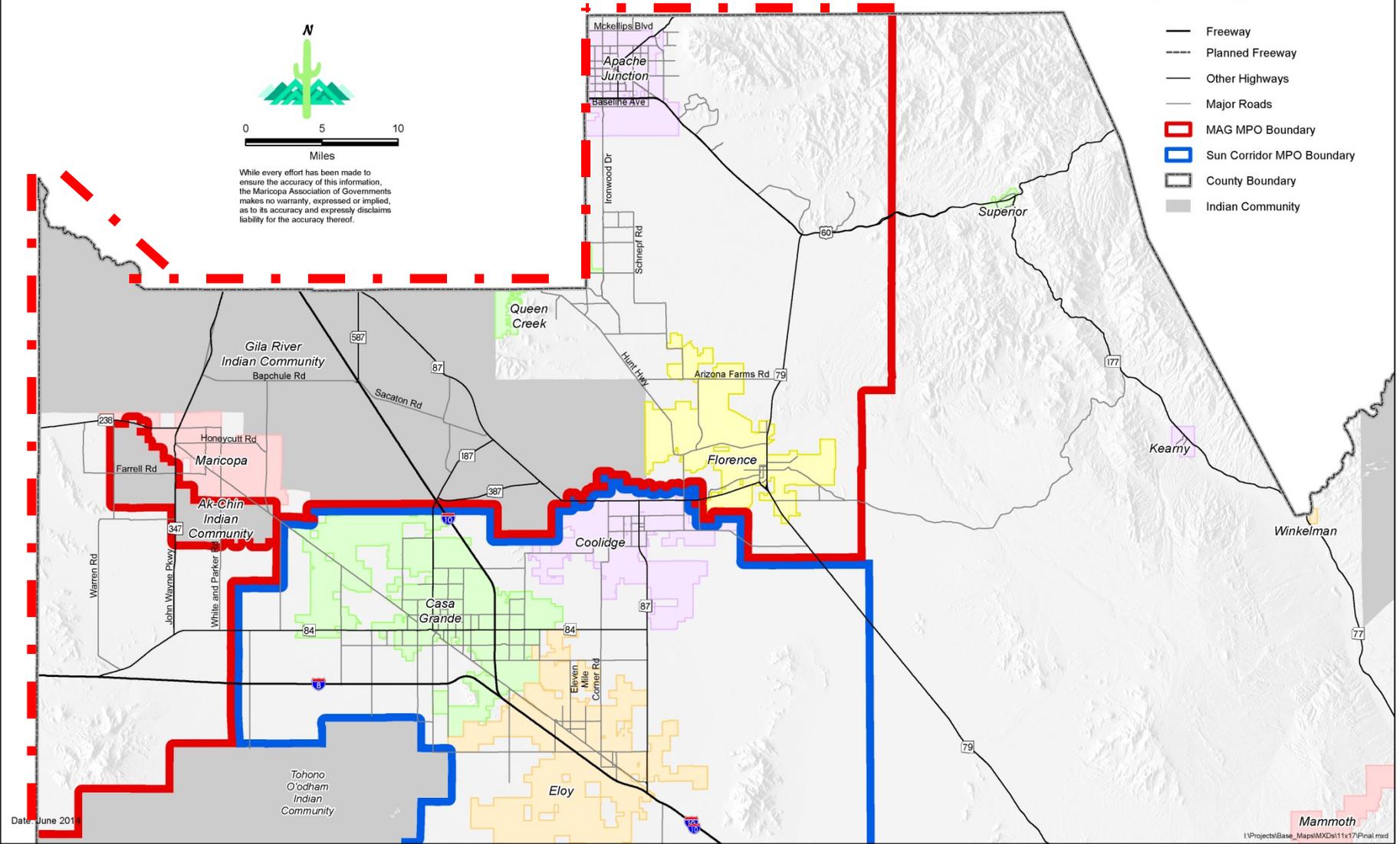
- Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for highways (Collectors and above, includes Parkways).
- Bridges and other elevated structures, and tunnels.
- Inspection and evaluation of bridges and tunnels and training of bridge and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

# MAG MPO Boundary in Pinal County, Arizona: STP Eligible Areas



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.

- Freeway
- Planned Freeway
- Other Highways
- Major Roads
- MAG MPO Boundary
- Sun Corridor MPO Boundary
- County Boundary
- Indian Community



Date: June 2011

# 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

4/1/2014	<b>Pinal County Non Lifecycle STP Sub-Allocation</b>				<b>\$5.7 million</b>
<b>FFY</b>	<b>Non Lifecycle STP (Pinal County Members) With OA Applied</b>	<b>Project Authorizations</b>	<b>Loans out</b>	<b>Loans In</b>	<b>Balance For Programming</b>
2014	\$ 1,213,265	-	(1,213,265)	-	-
2015	\$ 1,213,265	(1,610,000)		396,735	-
2016	1,213,265		(1,213,265)		-
2017	1,213,265			816,530	2,029,795
2018	1,213,265			1,213,265	2,426,530
2019	1,241,170				1,241,170
2020	1,265,993				1,265,993
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 14<sup>th</sup> 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 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
  - 1<sup>st</sup> meeting – review applications, presentations of projects applications, questions about information in applications is reviewed.
  - 2<sup>nd</sup> 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.\*\*

# Project Applications

- 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.

TIP\_2015-02-27\_2015-Pinal-County-Surface-Transportation-Program-(STP)-Application [Read-Only]

A	B	C
<b>Project Description Sheet</b>		
<b>Instructions</b>	1. Please enter values for all cells with a green fill pattern 2. All cells are required. If the information is not applicable enter "None" or 0.	
<b>1. Project Sponsorship</b>	Project Sponsor Name	None
	Other Participating Agencies	
<b>2. Project Location</b>	Identify the Project Location (50 Char Limit)	
	Attach a map depicting the project.	(Attach a map depicting the project location)
	Attach a vicinity map of the project	(Attach a vicinity map showing the project location relative to the area)
<b>3. Project Work Description</b>	Provide a short work description (50 char limit)	
	Overview - please describe the work to be performed, its benefits and costs	
<b>4. Proximity to the Nearest Employment and Commercial</b>	Employment Center	
	Name of Nearest Employment Center	
	Approximate Number of Employees at the center	
	Distance to the project	None
	Commercial Center	
	Name of Nearest Commercial Center	
	Approximate Square Footage of the Commercial Center	
	Distance to the project	None
<b>5. Regional Connectivity</b>	Connectivity	<input type="checkbox"/> The project improves regional/multijurisdictional connectivity
	If the check box above is checked, briefly discuss how the project improves regional/multijurisdictional connectivity.	

# Application Tabs

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

36		Number of property damage only crashes	
37	<b>8. Multimodal</b>	Multimodal characteristics (check all that apply)	<input type="checkbox"/> Roadway has transit route <input type="checkbox"/> Has striped bicycle lanes

Proposed Roadway Characteristics and Measurements

Instructions Project **Roadway** Intersection Costs Budget

Ready 100%

# Segments – FAQ's

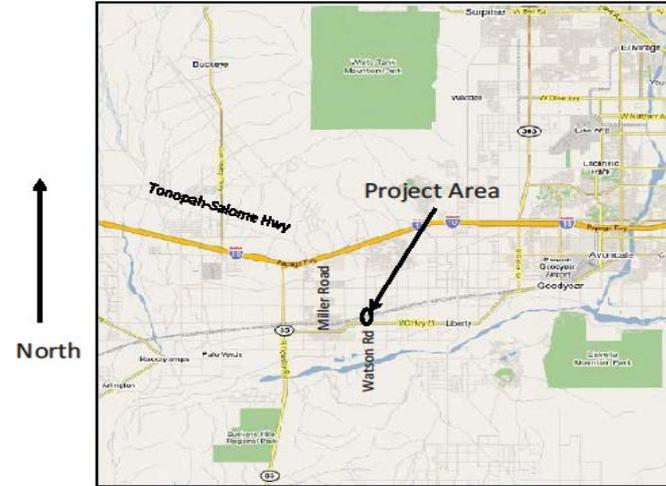
- Each project will include one or more segments of a roadway, shoulder, bridge, etc. to be improved. A segment is defined as either:
  - A length of roadway, alley, shoulder, path, sidewalk, etc. to be improved with a fixed starting and ending limit that has a relatively uniform cross section or
  - 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](http://www.google.com/maps)

# Graphic Example with segments



**TOWN OF BUCKEYE, ARIZONA**  
**WATSON ROAD VICINITY MAP EXHIBIT**



**WATSON ROAD – NORTH EXHIBIT**

# Segment Description & Proposed Improvements

- Details of project:
  - Current condition
    - Surface
    - AWDT
    - Traffic
    - Anticipated Environmental
    - ROW
    - Utilities



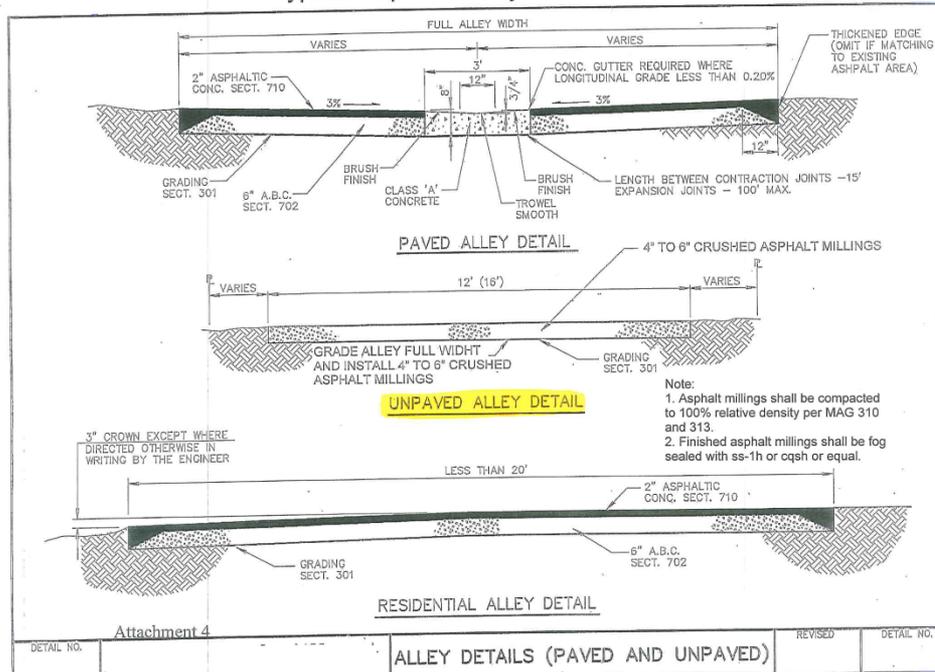
# Map & GIS Resources

- Pinal County Assessor parcel lookups:
- <http://pinalcountyz.gov/Assessor/Pages/ParcelSearch.aspx>
- Pinal County GIS <http://www.pinalcountyz.gov/departments/informationtechnology/gis/Pages/Home.aspx>

The screenshot shows the Pinal County GIS website homepage. The browser address bar displays the URL: <http://www.pinalcountyz.gov/departments/informationtechnology/gis/Pages/Home.aspx>. The page features a header with the Pinal County logo and the slogan "A helpful kind of county." Below the header is a navigation menu with links for Home, Online Services, Visitors, Jobs, Government, and Economic Development. The date and time are shown as March 4, 2015 - 4:39 pm. A search bar is located in the top right corner. The main content area is divided into several sections: "All County Departments" (with links for IT Home, GIS Home, and GIS Data Request), "Citizen Contact Center" (with phone numbers and hours), "Our Services" (including "Request Pinal County GIS Data", "Interactive Map Viewers", and "Interactive Viewer How To's"), and a "STAY IN TOUCH WITH PINAL COUNTY?" section with a "SUBSCRIBE TO OUR EMAIL LIST" button. A "REPORT FRAUD" section is also visible. On the right side, there is contact information for Pinal County GIS, including the address (31 N Pinal Street, Florence, AZ 85132) and phone number (520-509-3555). A "WHAT IS GIS?" graphic and a "Special Achievement To GIS Winner 2010" logo are also present.

# Segment Description & Proposed Improvements

Typical Unpaved Alley Cross Section



- 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.





# Required Signatures

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

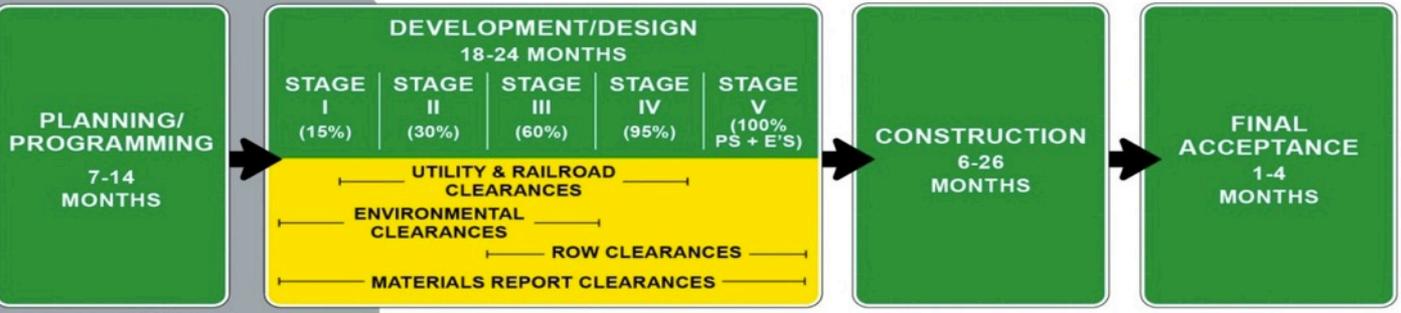
- A jurisdiction's manager/administrator is the City/Town/Agency/Community Manager. A designated representative of a jurisdiction is an employed staff person of the jurisdiction designated by the chief administrator to sign MAG funding request documents on behalf of that jurisdiction.

# 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.

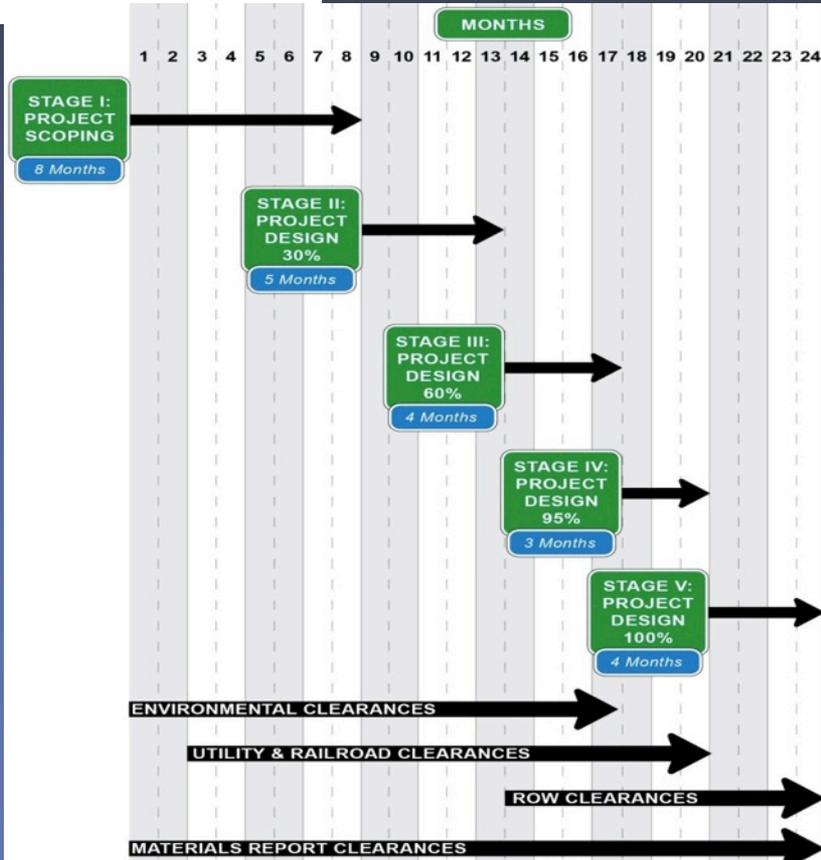
Late applications will not be accepted



SCOPING



# 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!

## MAG Staff

- Teri Kennedy  
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- Steve Tate  
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## ADOT

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- 602.712.4428

# Staff Available if you have questions:

MAG Staff: 602-254-6300

- John Bullen
- Steve Tate
- Teri Kennedy