

Maricopa Association of Governments

Intelligent Transportation Application

September 19, 2012



City of Apache Junction
Public Works Department
300 East Superstition Blvd.
Apache Junction, Arizona 85119

INTELLIGENT TRANSPORATATION APPLICATION

General Instructions:

This Excel form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for Bicycle Projects to be included in the FY2014-FY 2018 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2015, 2016 and 2017.

This application form includes:

- Part A - Contact and Project Description,
- PART B - ITS TIP Listing and CMAQ Score Data,
- PART C - ITS project Description,
- Part D - Checklist and Signature Page, and Transmittal Instructions and Schedule.

Each part is a separate tab of this excel file. Please complete Parts A - D. Alternative application forms are available upon request.

Deadlines and Transmittal Instructions:

Two copies of a printed, complete and signed application must be received in the MAG offices by **10:00 a.m. Wednesday, September 19, 2012**. The application is to be submitted electronically and should include ArcGIS shape files depicting the project location if they are available.

Detailed transmittal instructions are located in a separate tab in this excel sheet. Late applications **will not be accepted.**

If member agencies need additional information or have questions, they should contact Teri Kennedy or Stephen Tate at (602) 254-6300 or contact them by e-mail at the following addresses:

<mailto:state@azmag.gov>

<mailto:tkennedy@azmag.gov>

<mailto:LLuo@azmag.gov>

All information is required, unless noted by the word - Optional.

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information	
1. Sponsoring Agency	City of Apache Junction
2. Contact Name	Giao Pham
3. Phone	(480) 474-8513
4. E-Mail Address	gpham@ajcity.net
5. Mailing Address	300 East Superstition Blvd. Apache Junction, Arizona 85119

(OPTIONAL)

If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions)

[GIS Submittal Instructions](#)

ITS Application from City of Apache Junction for 'Apache Junction ITS Strategic Plan'

PART B-ITS TIP Listing and CMAQ Score Data

This part of the form identifies data to calculate an CMAQ Score and provide the minimum data needed for a listing of the project in the Transportation Improvement Program

Federal Funding Eligibility

All ITS projects to be funded with Federal CMAQ funds must be in the 8-Hour Ozone Nonattainment Area. Please use the following link to verify that the map is located in the nonattainment area:

[Link to an 8-Hr Ozone Nonattainment Map on the MAG Website](#)

1. Traffic Estimate and Roadway Characteristics

- a. Current Average Daily Traffic (ADT) on the Facility or the Nearest Parallel Facility of a Similar Type:

- b. Please Describe how the ADT was estimated:

- c. When was the ADT estimate developed:

- d. Name of the Roadway Section Used for the ADT Estimate:

- e. Starting Limit of the Roadway Section:

- f. Ending Limit of the Roadway Section:

- g. Length (Miles)

- h. Total Number of Through Lanes on the Roadway Section:

- i. Federal Functional Classification of the Roadway Section:
[Link to Functional Classification Map on the MAG Website](#)

2. Traffic Coordination Improvements. If the project improves traffic signal coordination, please do the following:

- a. Enter the pre-improvement (current) traffic speed of the traffic corridor:

- b. In the Table Check the Box in The Row That Best Describes the Project (Check Only One Box):

Before (Pre-Improvement) Condition	After (Post Improvement) Condition	Expected Increase In Speed
<input type="checkbox"/> Interconnected, pre-timed signals with old timing plan	Advanced computer-based control	17.5 percent
<input type="checkbox"/> Non-interconnected signals with traffic-actuated controllers	Advanced computer-based control	16.0 percent
<input type="checkbox"/> Interconnected, pre-timed signals with actively managed timing	Advanced computer-based control	8.0 percent
<input type="checkbox"/> Interconnected, pre-timed signals with various forms of master control and various qualities of timing plans	Optimization of signal timing plans. No change in hardware	12.0 percent
<input type="checkbox"/> Non-interconnected, pre-timed signals with old timing plan	Optimization of Signal Timing Plans	7.5 percent

3. Other Improvements. Check all that apply:

- Includes Traffic Signal Improvements for a Single Agency

- Includes Traffic Signal Improvements that Apply to More than One Agency

- Includes FMS Improvements

- The Project Conforms to Local Land Use Plans

Adds Traffic Signals that increase pedestrian crossing time for seniors

4. Traffic Speed Impacts of the Project (Not required for Traffic Coordination Improvements)

a. Enter the pre-improvement (current) traffic speed of the traffic corridor:

b. Enter the post-improvement (current) traffic speed of the traffic corridor:

ITS Application from City of Apache Junction for 'Apache Junction ITS Strategic Plan'

PART C -ITS project Description

Please enter project data ONLY in highlighted cells, save the file with the lead agency name in it - ie. City 0 ITS Projects.xls

Submit this Excel workbook to MAG via email to: luo@azmag.gov

Please use one worksheet per project, with the tab at the bottom indicating agency priority -- Mesa1, Mesa2,.. etc.

Links to various websites are provided for additional information and help

The worksheet titled "Example" shows an example on how to enter Data in the highlighted areas

Please enter required information in highlighted cells

A. Project Title & Sponsor

Lead Agency	City of Apache Junction
Other Partnering Agencies	
ITS Project Title:	Apache Junction ITS Strategic Plan
Project Category:	Local ITS Plans

B. Project Goals & Objectives

Project Goals:

Identify the most appropriate, efficient, and safe ITS system that will coordinate existing and future improvements to intersections within the City of Apache Junction.

Objectives:

1) Determine the most appropriate system for Apache Junction; 2) Provide options and solutions to the unique needs of the City; 3) Identify and coordinate potential system with surrounding agency (ies) e.g. MCDOT, ADOT, City of Mesa, and Pinal County; 4) Synchronize signals; 5) Reduce the extensive operations and maintenance of existing system or lack thereof; 6) identify future locations for signals; 7) Identify future conditions with increased traffic.

C. Project Information

Project Location:

The project will take place in Apache Junction, Arizona and will encompass the entire city.

Scope of the project:

The City of Apache Junction will hire a consultant to complete an ITS Strategic Plan for all current and future traffic signals within the City of Apache Junction. The consultant will review existing conditions; propose future conditions; evaluate the appropriate system for the City; and identify the steps to take to achieve the optimal ITS system including projects to be completed, required staffing, and O & M costs.

D. Identify Components in MAG Regional ITS Architecture

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<u>ITS applications</u>	Relevant Applications (ENTER: Yes or No)	<u>Applicable ITS Market Packages</u>
1. Traffic Management	No	
2. Transit Operations Support	No	
3. Communications	No	
4. Traveler Information	No	
5. Archived Data Management	No	
6. ITS for Safety	No	
7. ITS Plans	Yes	
8. Freeway-Arterial Operations	No	

Note: Please attach the Architecture Flow Diagram in the application

E. Program Year Preference

First Choice	<input type="radio"/> FY2015	<input type="radio"/> FY2016	<input type="radio"/> FY2017
Second Choice	<input type="radio"/> FY2015	<input type="radio"/> FY2016	<input type="radio"/> FY2017
Third Choice	<input type="radio"/> FY2015	<input type="radio"/> FY2016	<input type="radio"/> FY2017

F. Project Budget

	Federal Cost	Local Match (min 5.7%)	Total Cost
Amount	\$141,450.00	\$18,550.00	\$160,000.00
Cost percentage	88.4%	11.6%	

G. Project Schedule

The table below is provided as a tool to assist local agencies develop a project planning schedule. Column A shows standard project milestones and Column B shows the schedule based on a typical project procurement process. To generate a custom Project Schedule:(1) select applicable milestones in Column C;(2) Enter estimated time to complete milestone measured in months from project development start date in Column D; **NOTE: The project obligation date generated in cell E111 MUST occur before Sept 15th of the programmed fiscal year.** Determine the appropriate **Project Activity Start Date** (by trial-and-error) in order to obligate the project on time.

Standard Project Milestones	Default Schedule for Process	Applicable Milestones (ENTER - Yes OR No)	Estimated Time to Milestone (ENTER #Months)	Estimated Date
Apply for ADOT project number				Aug-2015
Receipt of ADOT project number	Oct-2015	Yes	2	Oct-2015
Initial DCR	Nov-2015	Yes	3	Nov-2015
Final DCR	Dec-2015	Yes	4	Dec-2015
30% Preliminary Plans, Cost Estimate and Report	Feb-2016	Yes	7	Mar-2016
60% Preliminary Plans, Cost Estimate and Report	Apr-2016	Yes	9	May-2016
Final Preliminary Plans, Cost Estimate and Report	Jun-2016	Yes	11	Jul-2016
Environmental Clearance	Apr-2016	Yes	6	Feb-2016
Utility Clearance	May-2016	Yes	6	Feb-2016
Right-of-Way Clearance	Feb-2016	Yes	6	Feb-2016
Approval of IGA	Aug-2016	Yes	14	Oct-2016
Obligation authority of Federal funds	Sep-2016	Yes	15	Nov-2016
Advertised Date	Nov-2016	Yes	2	Jan-2017
Final Deployment	May-2017	Yes	7	Aug-2017

< ENTER mm/yyyy -- Project Activity :

H. System Maintenance and Operations

Current staff resources available for ITS operations at the local
 Additional staff resources required for fully utilizing features added by
 Estimated current annual ITS operations & maintenance budget
 Estimated additional annual operations & maintenance funds required
 Estimated DATE from when required additional O&M funds will be

None
1
\$0
TBD
Aug-2017

Other comments:

System maintenance and operations will be evaluated and determined within the strategic plan.

I. Systems Engineering Analysis Requirement

Commitment to address the federal requirement for Systems Engineering Analysis:

Agency's intent to follow the process described in the 'V' diagram during the project development process

The City of Apache Junction intends to incorporate the Systems Engineering Analysis in the scope of work for the project's Design Concept Report. Details on the ADOT System Engineering Checklist can be found at:

<http://www.azdot.gov/Highways/TTG/PDF/SystemsEngineeringChecklist.pdf>

PART D - SIGNATURE AND CHECKLIST

As the jurisdiction's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature:

Name: Giao Pham

Title: Interim Public Works Director/City Engineer

Date: September 19, 2012

WILL FILL OUT AFTER QUESTIONS APPROVED.

Checklist - OPTIONAL

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed.

PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
PART B - TIP Listing and CMAQ Score Data	Complete?
1. Traffic Estimate and Roadway Characteristics - Fields a - I are complete	
2. Traffic Coordination Improvements - as applicable table is complete	Yes
3. Other Improvements - As applicable all fields are completed	Yes
PART C - Total Project Schedule and Budget Including All Segment Fields	Complete?
Section A is Complete	Yes
Section B is Complete	Yes
Section C is Complete	Yes
Section D is Complete	Yes
Section E is Complete	Yes
Section F is Complete	Yes
Section G is Complete	Yes
Section H is Complete	Yes
Section I is Complete	Yes
PART D - Signature Page Fields	Complete?
Form is signed	Yes
Name, title and date fields are completed.	Yes

ITS Application from City of Apache Junction for 'Apache Junction ITS Strategic Plan'

MAG CMAQ Project

Intelligent Transportation Systems Project

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
A. SCOPING (15% Preliminary Engineering Design) (Non-infrastructure projects: Only #2 applies).					
1. SITE TOPOGRAPHIC SURVEY				\$0.00	No
2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$5,000.00	\$5,000.00	No
3. SYSTEMS ENGINEERING ANALYSIS (must address FHWA requirements)				\$0.00	No
4. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)				\$0.00	No
5. HAZMAT ASSESSMENT				\$0.00	No
SUBTOTAL – PROJECT SCOPING COSTS				\$5,000.00	\$0

B. FINAL PRELIMINARY ENGINEERING DESIGN - Stages II, III, IV and PS&E

(Not applicable to non-infrastructure projects)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
1. Right-of-Way Acquisition	LS	1		\$0.00	No
2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1		\$0.00	No
3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1		\$0.00	No
4. DRAINAGE REPORT	LS	1		\$0.00	No
5. Storm Water Pollution Prevention Plan (SWPPP)	LS	1		\$0.00	No
SUBTOTAL – PROJECT DESIGN COSTS				\$0.00	\$0

C. CONSTRUCTION OR IMPLEMENTATION

For non-infrastructure projects (no ground disturbing activities), address only parts 2, 3 and D.

1. CONSTRUCTION ELEMENTS (Insert additional rows if necessary)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
				\$0	Yes

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
				\$0	Yes
				\$0	Yes
				\$0	Yes
				\$0	Yes
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
SUBTOTAL - CONSTRUCTION				\$0	\$0



2. PROCUREMENT (Insert additional rows if necessary)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
<i>Strategic Plan consultant services</i>	EA	1	\$150,000	\$150,000	Yes
				\$0	Yes
				\$0	Yes
				\$0	Yes
				\$0	Yes
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
				\$0	No
SUBTOTAL - PROCURMENT				\$150,000	\$150,000



3. OTHER ITEMS

(Insert additional rows if necessary)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
				\$0.00	No
				\$0.00	No
				\$0.00	No

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
				\$0.00	No
SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS				\$0.00	\$0

4. MOBILIZATION AND ADMINISTRATION COSTS (Construction Only. If Section 1 is filled out, please fill out this section)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
CONTRACTOR MOBILIZATION	LS	1		\$0.00	No
TRAFFIC CONTROL	LS	1		\$0.00	No
CONSTRUCTION SURVEY & LAYOUT	LS	1		\$0.00	No
CONSTRUCTION CONTINGENCIES	LS	1		\$0.00	No
CONSTRUCTION ADMINISTRATION	LS	1		\$0.00	No
SUBTOTAL – MOBILIZATION & ADMINISTRATION COSTS				\$ -	\$0
TOTAL CONSTRUCTION OR IMPLEMENTATION COST				\$ 150,000	\$ 150,000

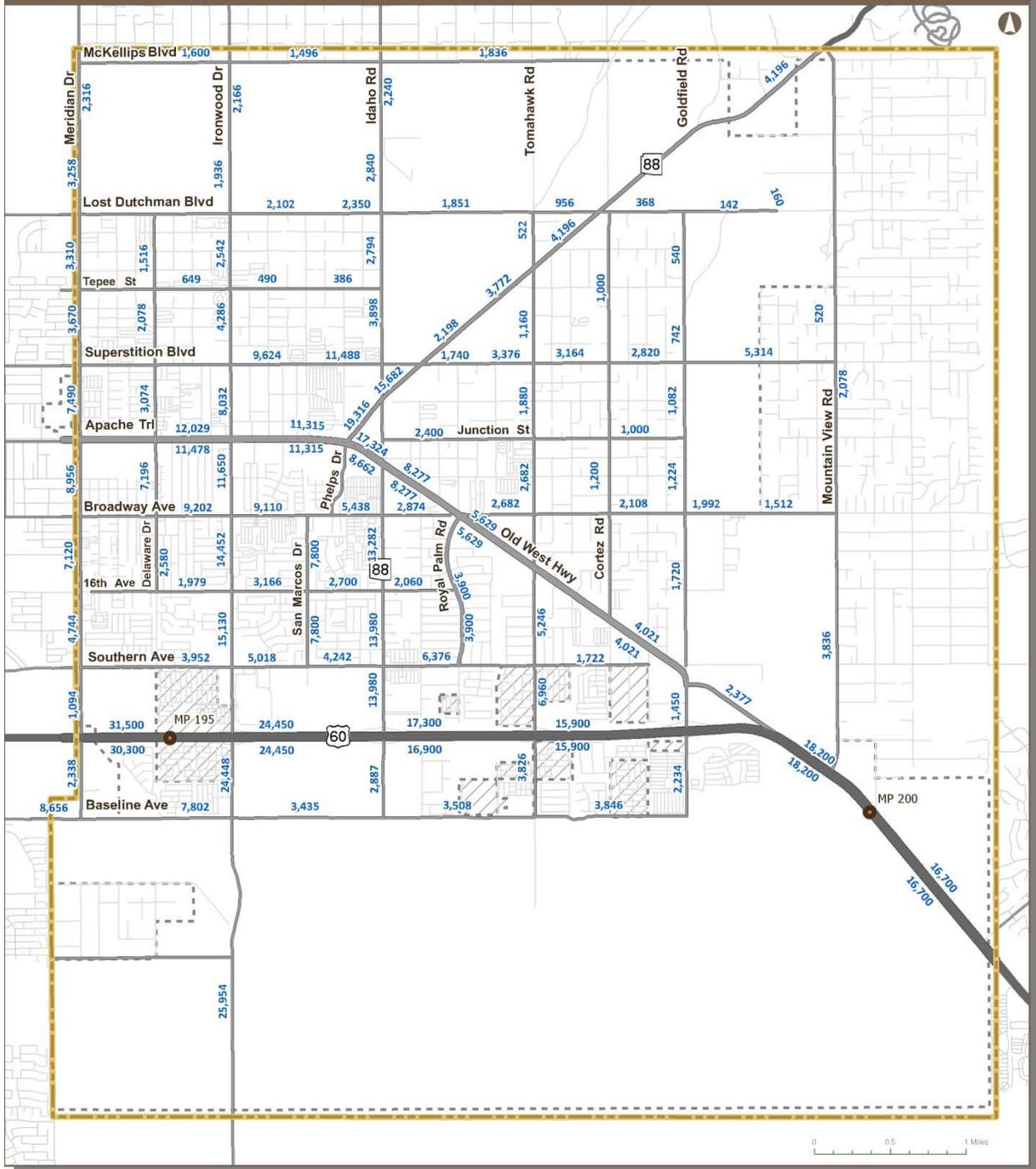
D. ADOT Fee for PE Reviews and Staff Charges	LS	1	\$5,000	\$5,000	No
TOTAL ADOT Fee COST				\$5,000	\$0

E. TOTAL PROJECT COST (All <u>subtotals</u> + ADOT local projects review fee)				\$160,000	\$150,000
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F. SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
TOTAL COST FOR PROJECT CONSTRUCTION/IMPLEMENTATION					\$160,000
TOTAL COST FOR PROJECT ELIGIBLE FOR FEDERAL REIMBURSEMENT					\$150,000
TOTAL FEDERAL FUNDS @ 94.3% (.943 x Total Eligible Cost shown highlighted above)					\$141,450
LOCAL AGENCY MATCHING FUNDS (.057 x Total Cost shown highlighted above)					\$8,550

FIGURE 2.18: EXISTING 2010 DAILY TRAFFIC COUNTS



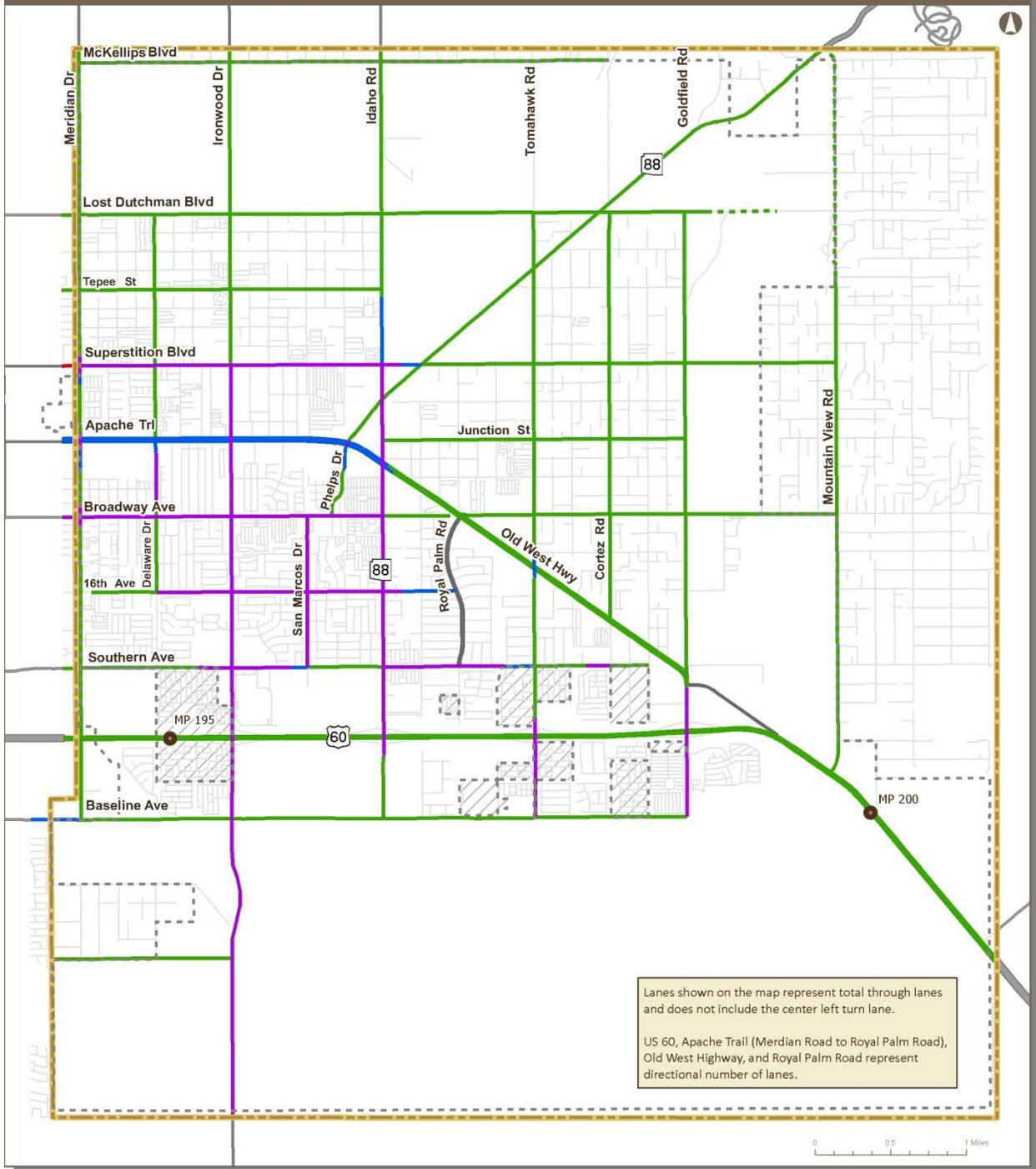
LEGEND

- xxx Traffic Count
- Freeway
- Study Roadway
- Local Roadway
- Study Area
- City Boundary
- County Island

Data Sources: City of Apache Junction, ADOT



FIGURE 2.12: EXISTING NUMBER OF LANES



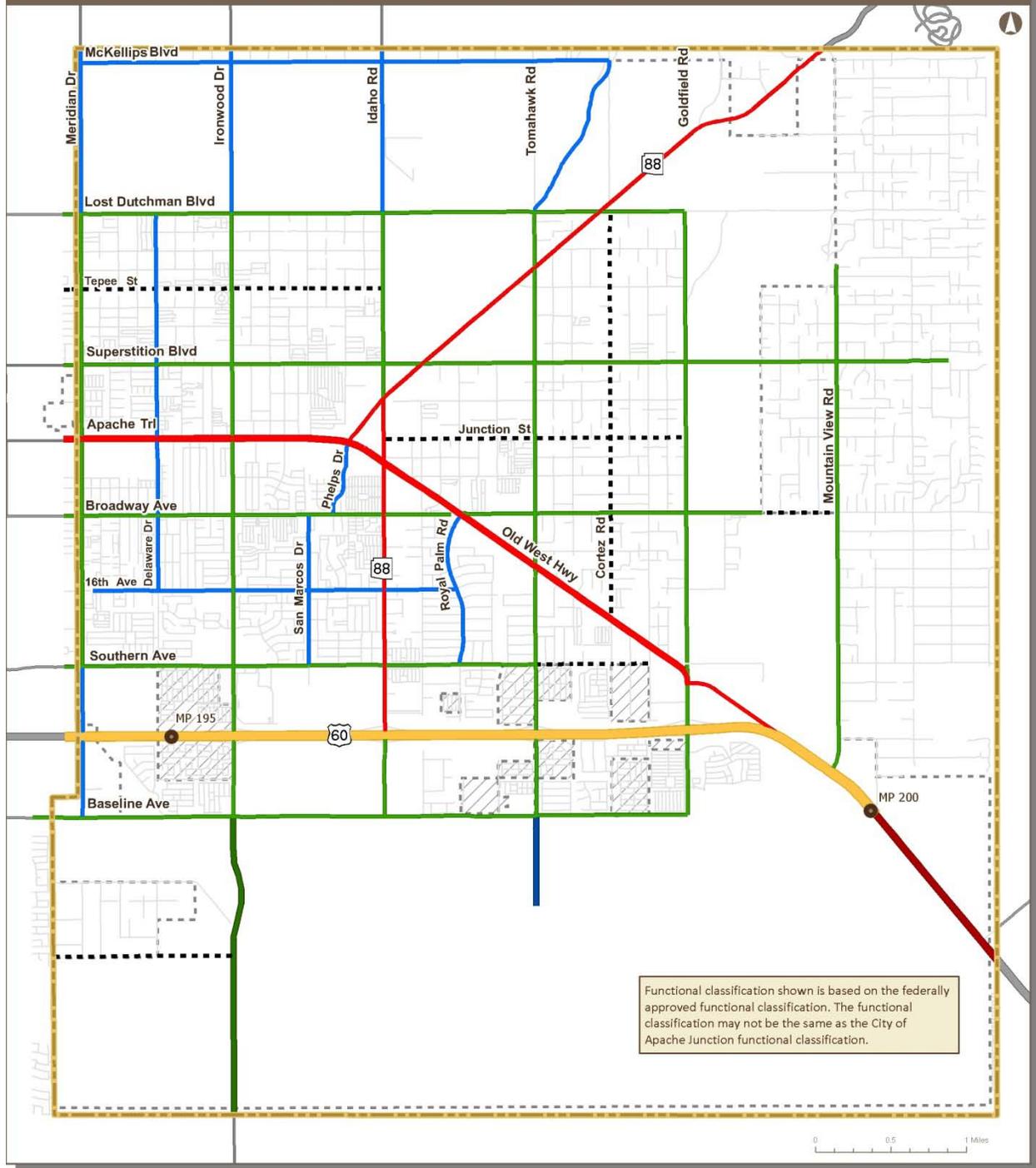
LEGEND

	5 Lanes Paved		2 Lanes Paved		Local Roadway
	4 Lanes Paved		2 Lanes Unpaved		City Boundary
	3 Lanes Paved		1 Lane Paved		Study Area
					County Island

Data Sources: City of Apache Junction, ADOT



FIGURE 2.11: EXISTING ROADWAY FUNCTIONAL CLASSIFICATION



Functional classification shown is based on the federally approved functional classification. The functional classification may not be the same as the City of Apache Junction functional classification.

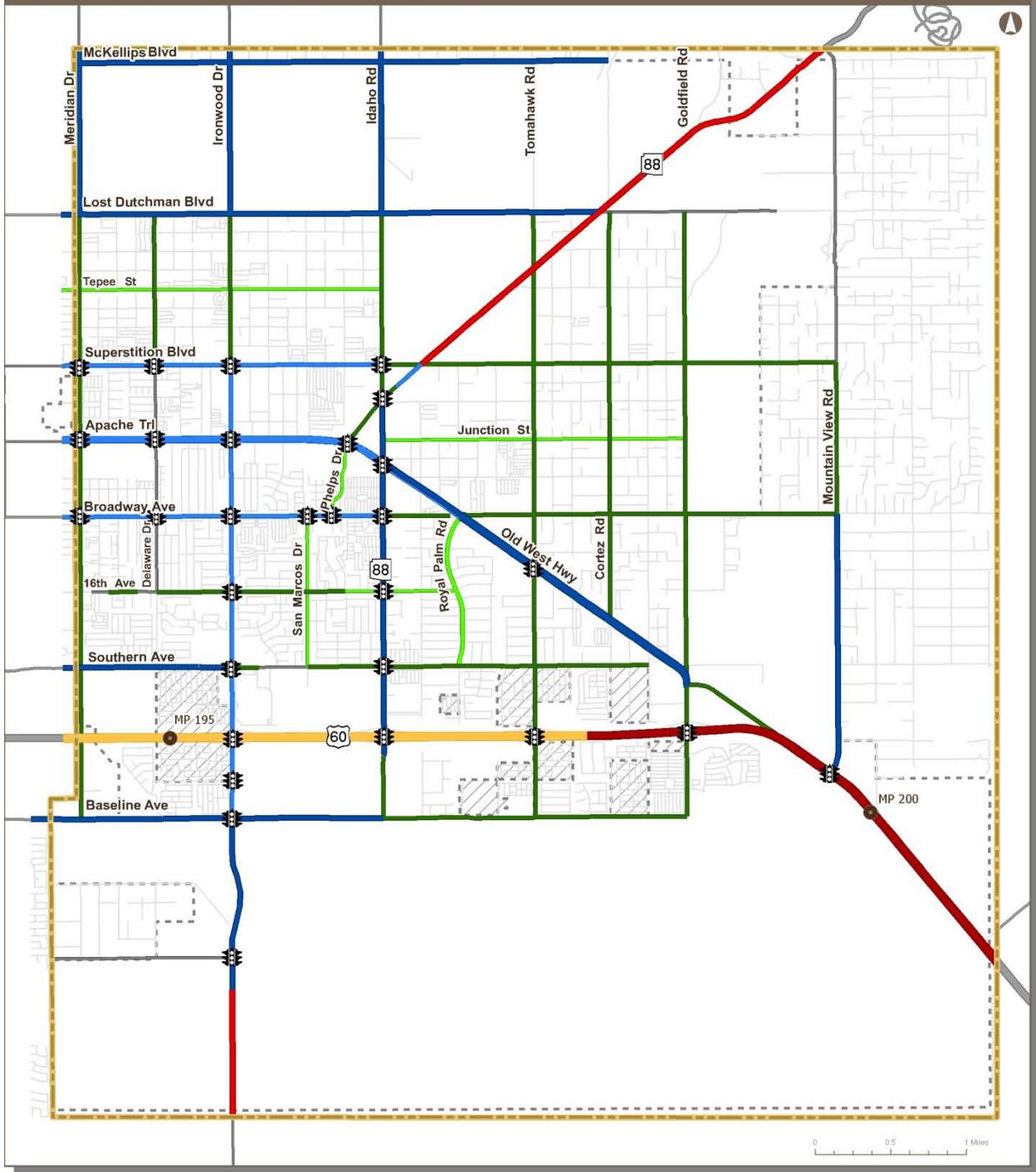
LEGEND

	Urban Other Freeway		Rural Principal Arterial		Local Roadway
	Urban Principal Arterial		Rural Minor Arterial		Study Area
	Urban Minor Arterial		Rural Major Collector		City Boundary
	Urban Collector		Study Roadways		County Island
			Not Federally Classified		

Data Sources: City of Apache Junction, ADOT



FIGURE 2.13: EXISTING POSTED SPEED LIMITS



LEGEND

-  Traffic Signal
-  25 MPH
-  30 MPH
-  35 MPH
-  40 MPH
-  45 MPH
-  50 MPH
-  55 MPH
-  65 MPH
-  Study Area
-  City Boundary
-  County Island

Data Sources: City of Apache Junction, ADOT





Systems Engineering and Architecture Compliance (23 CFR 940.11) Checklist

For all federally funded Intelligent Transportation Systems (ITS) projects, a Systems Engineering and Architecture Compliance Checklist must be submitted to the Federal Highway Administration (FHWA) as part of the federal authorization paperwork. Prior to FHWA submittal, this checklist needs to be completed and submitted to Arizona Department of Transportation (ADOT) Transportation Technology Group (TTG) Manager for review and approval.

Section 1 – Project Information	
1.1 Project Manager and Contact Information:	
1.2 Project Title:	
1.3 ADOT TRACS Number:	Federal-aid Project Number:
1.4 Project Description:	
1.5 Project Location:	
1.6 Budget: State Federal Other (Please Specify)	
1.7 Nature of Work ("√" appropriate box):	
<input type="checkbox"/> Software/Integration	<input type="checkbox"/> Planning
<input type="checkbox"/> Construction	<input type="checkbox"/> Equipment Upgrades
<input type="checkbox"/> Operations	<input type="checkbox"/> Other (Please Specify):
<input type="checkbox"/> Evaluations	
Section 2 – Regional or Statewide Architecture Conformance	
2.1 Regional or Statewide Architecture:	
<input type="checkbox"/> MAG	<input type="checkbox"/> PAG
	<input type="checkbox"/> Statewide
2.2 User Service Bundles Implemented:	
<input type="checkbox"/> Travel and Traffic Management	<input type="checkbox"/> Emergency Management
<input type="checkbox"/> Public Transportation Management	<input type="checkbox"/> Advanced Vehicle Safety
<input type="checkbox"/> Electronic Payment	<input type="checkbox"/> Information Management
<input type="checkbox"/> Commercial Vehicle Operations	<input type="checkbox"/> Maintenance and Construction Management



2.3 Market Packages Implemented:

2.4 Changes recommended to Regional or Statewide Architecture?
 Yes No
 If "Yes", please specify and provide detail:

Section 3 - Participating Agencies and their Roles

3.1 Lead Agency:

3.2 Participating Agencies:

3.3 Is an Intergovernmental Agreement (IGA/JPA) Needed for this Project?
 Existing To be Developed No
 Please describe operational and budgetary relationships:

Section 4 – Requirements Definitions and Alternatives Analysis

4.1 Project Purpose and Need Summary

Is there a project scoping document defining the issue? Yes No
 If "No", please provide information:

Is there a project scoping document defining proposed alternatives? Yes No
 If "No", please provide information:

4.2 Project Documentation

	Existing	Existing to Be Modified	To be Developed	
Feasibility Study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Comment/Document Reference



	Existing	Existing to Be Modified	To be Developed	Comment/Document Reference
Alternative Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Concept of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Design / Post Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 5 – Procurement

5.1 Procurement Methods:

- | | |
|--|--|
| <input type="checkbox"/> Construction Contract | <input type="checkbox"/> Procurement Contract |
| <input type="checkbox"/> Request for Proposal | <input type="checkbox"/> Other (Please Specify): |
| <input type="checkbox"/> Invitation to Bid | |

5.2 Equipment to be purchased:

5.3 Procurement Contract Numbers to be used:

Section 6 – ITS Standards

6.1 Which specific [National ITS Standards](#) will be used in this project such as NTCIP and IEEE?



If no National ITS Standards can be identified please explain why not:

Section 7 – Systems Testing

7.1 Systems Testing Documentation

	Existing	Existing to Be Modified	To be Developed	Comment/Document Reference
System Test Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
System Validation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section 8 – Operational Resources

8.1 Procedures and Resources needed for Operation:

Section 9 - Schedule

9.1 Expected Completion Date:

9.2 Relationship to Other Federal, State, County, and Local Projects and Phases:



Section 10 – Strategic Plans for System Update

10.1 Plans for system upgrade and lifecycle (“√” appropriate box)

	Existing	Existing to Be Modified	To be Developed	Comment/Document Reference
System Update Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ADOT Transportation Technology Group Manager Signature _____

Date _____

MAG CMAQ Project

Intelligent Transportation Systems Project

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
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A. SCOPING (15% Preliminary Engineering Design)
(Non-infrastructure projects: Only #2 applies).

1. SITE TOPOGRAPHIC SURVEY				\$0.00	No
2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$5,000.00	\$5,000.00	No
3. SYSTEMS ENGINEERING ANALYSIS (must address FHWA requirements)				\$0.00	No
4. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)				\$0.00	No
5. HAZMAT ASSESSMENT				\$0.00	No
SUBTOTAL – PROJECT SCOPING COSTS				\$5,000.00	\$0

B. FINAL PRELIMINARY ENGINEERING DESIGN - Stages II, III, IV and PS&E
(Not applicable to non-infrastructure projects)

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
1. Right-of-Way Acquisition	LS	1		\$0.00	No
2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1		\$0.00	No
3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1		\$0.00	No
4. DRAINAGE REPORT	LS	1		\$0.00	No
5. Storm Water Pollution Prevention Plan (SWPPP)	LS	1		\$0.00	No
SUBTOTAL – PROJECT DESIGN COSTS				\$0.00	\$0

C. CONSTRUCTION OR IMPLEMENTATION

For non-infrastructure projects (no ground disturbing activities), address only parts 2, 3 and D.

1. CONSTRUCTION ELEMENTS (Insert additional rows if necessary)					
--	--	--	--	--	--

Item Description	Unit	Quant.	Unit Prices	Total	Eligible for CMAQ?
E. TOTAL PROJECT COST (All <u>subtotals</u> + ADOT local projects review fee)				\$160,000	\$150,000



F. SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS

TOTAL COST FOR PROJECT CONSTRUCTION/IMPLEMENTATION	\$160,000
TOTAL COST FOR PROJECT ELIGIBLE FOR FEDERAL REIMBURSEMENT	\$150,000
TOTAL FEDERAL FUNDS @ 94.3% (.943 x Total Eligible Cost shown highlighted above)	\$141,450
LOCAL AGENCY MATCHING FUNDS (.057 x Total Cost shown highlighted above)	\$8,550