



**Arizona Department of Transportation**  
**Multimodal Planning Division**

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janice K. Brewer  
Governor

John S. Halikowski  
Director

Scott Omer  
Division Director

November 8, 2011

Ms. Karla S. Petty  
Division Administrator  
Federal Highway Administration  
4000 North Central Avenue, Suite 1500  
Phoenix, AZ 85012-1906

Mr. Leslie Rogers  
Regional Administrator  
Federal Transit Administration  
201 Mission Street, Suite 1650  
San Francisco, CA 94105-1839

RE: FY 2011-2014 STIP, Amendment Number 36

Dear Ms. Petty and Mr. Rogers:

As the Governor's designee, I approve the action taken by the Flagstaff Metropolitan Planning organization (FMPO) Executive Board on June 22, 2011 to adopt their FY 2012-2016 Transportation Improvement Program (TIP). I cordially request Amendment Number 36 of the FY 2011-2014 State Transportation Improvement Program (STIP), to include FY 2012-2014 projects and minor changes as detailed in the attached documents.

This amendment is in accordance with 23 CFR 450 and was developed based on a continuing, cooperative, and comprehensive transportation planning process in accordance with 23 USC 134 and section 5303 of the Federal Transit Act (49 USC 53). All of the projects on the table are either exempt or are regarded as minor project revisions that do not require conformity determination [40 CFR §93.126]. The funding for the projects in this amendment will not adversely impact the STIP Financial Plan.

Your prompt approval of this request will be greatly appreciated.

Sincerely,

Scott Omer

cc:	Ed Stillings	John Dickson	Irene Higgs
	Paul Page	Jodi Rooney	Don Mauller
	Justin Feek	Lisa Danko	Teresa Kennedy
	Mike Kies	Seth Kaufman	

Attachment



**FLAGSTAFF  
METROPOLITAN  
PLANNING  
ORGANIZATION**

**CITY OF FLAGSTAFF  
COCONINO COUNTY  
ARIZONA DOT**

Office: 100 West Birch Avenue  
Mail: 211 West Aspen Avenue  
Flagstaff, Arizona 86001

www.flagstaffmpo.org

Phone: (928) 213-2651  
Fax: (928) 779-7976

**EXECUTIVE BOARD**

Hank Roger, Chair  
Arizona State  
Transportation Board

Matt Ryan, Vice Chair  
Supervisor District 3  
Coconino County

Art Babbott  
Councilmember  
City of Flagstaff

Coral Evans  
Councilmember  
City of Flagstaff

Mandy Metzger  
Supervisor District 4  
Coconino County

Scott Overton, Chair  
Councilmember  
City of Flagstaff

**STAFF**

David Wessel  
FMPO Manager

Martin Ince  
Multi-Modal Planner

Meg Roederer  
Administrative Specialist

**"PARTNERS IN TRANSPORTATION ENHANCING OUR COMMUNITY"**

November 7, 2011

Mr. Scott Omer, P.E., Multimodal Planning Division Director  
Arizona Department of Transportation  
206 South 17<sup>th</sup> Avenue, Mail Drop 320B  
Phoenix, Arizona 85007

RE: FMPO FY 2012-2016 Transportation Improvement Program  
And Administrative Amendments

Dear Scott,

I am pleased to submit the FMPO FY 2012-2016 Transportation Improvement Program for ADOT's consideration. The FMPO Executive Board adopted the FY 2012-2016 TIP on June 22, 2011. I understand that this TIP – if approved - will be used to amend the active FY 2011-2015 STIP, meaning year 2016 will not be included. FMPO has identified some minor errors and request that the following administrative amendments to the FMPO FY 2012-2016 Transportation Improvement Program be considered simultaneously.

**Table 3. Federal Aid Projects**

Action: reinstate project – Milton ADA Ramps

Mpo\_cog: fmpo

Sponsor: Flagstaff

Tip\_id\_#: f31205 (creating new number)

Name/location/description

Milton ADA Ramps

Southwest corner of Milton Road and Santa Fe Avenue

Design and construction of ADA Ramp parallel to slip lane

Length: 0.05 miles

Year: 2012

Federal\_Aid\_Type: STP

Federal Funds: \$122,000

Total Project Cost: \$244,000

Justification for Administrative Change: This project was approved in STIP amendment #10. It is funded with ADOT minor district funds (STP) and city local funds. As such, it does not impact fiscal constraint on the part of the FMPO. As a previous amendment it was inadvertently left off the update from FY11 to FY12.

**Table 5. Transit Projects**

Action: re-label title and subtitle to read 2012-2016. Add footnote – No projections for FY 2016 are included in this TIP.

Table 7. Approved Enhancement Projects

Action: Add project f71303 – Pine Knoll Trail and Bike Lanes

Mpo\_cog: fmpo

Sponsor: Flagstaff

Tip\_id\_#: f71303 (created new number)

Name/location/description

Pine Knoll Trail and Bike Lanes

Lone Tree Road to S. San Francisco Street

Design and construct curb, gutter, bike lane and multi-use path

Length: 0.1 miles

Year: 2013

Federal\_Aid\_Type: Safe Routes to School

Federal Funds: \$395,000

Total Project Cost: \$395,000

Justification for Administrative Change: the project is on the map in the document but failed to make the table.

Please call me if you have any questions or need further information. I may be reached at 928-213-2650.

Sincerely,



David Wessel, FMPO Manager

Cc Hank Rogers, FMPO Chair  
Mike Kies, ADOT Assistant Director of Planning & Programming  
Justin Feek, ADOT Senior Transportation Planner  
Lupe Harriger, ADOT Senior Transportation Planner

Enc. FMPO FY 2012-2016 Transportation Improvement Program



## FLAGSTAFF METROPOLITAN PLANNING ORGANIZATION

CITY OF FLAGSTAFF ♦ COCONINO COUNTY ♦ ARIZONA DOT

Office: 100 West Birch Avenue ♦ Flagstaff, Arizona 86001

Mail: 211 West Aspen Avenue ♦ Flagstaff, Arizona 86001

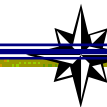
Phone: (928) 226-4849 ♦ Fax: (928) 213-4825

[www.flagstaffmpo.org](http://www.flagstaffmpo.org)

*Pending FHWA Approval*



# 2012 – 2016 Transportation Improvement Program



Executive Board Approval  
June 22, 2011

***“Partners in Transportation Enhancing Our Community”***

**This report produced with financial assistance from the Arizona Department of Transportation, Federal Transit Administration and the Federal Highway Administration.**

**Public Process Dates**

**Call for Projects**

March 6 – April 4, 2011

**Technical Advisory Committee**

Release for Public Comment

May 5, 2011

**Public Comment Period**

May 8 – June 6, 2011

**Technical Advisory Committee**

Conditional Recommendation for Approval

June 2, 2011

**Executive Board**

Adoption

June 22, 2011

FLAGSTAFF METROPOLITAN PLANNING ORGANIZATION  
FISCAL YEAR 2012  
SELF-CERTIFICATION

This document was prepared in cooperation with the U.S. Department of Transportation, the Federal Highway Administration, and the Arizona Department of Transportation.

The Flagstaff Metropolitan Planning Organization, the Metropolitan Planning Organization for the Flagstaff, Arizona, urbanized area and the Arizona Department of Transportation hereby certify that the transportation planning process addresses the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

1. 23 USC 134, 49 USC 5303, and this subpart.
2. Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 USC 7504, 7506 (c) and (d) and 40 CFR Part 93.
3. Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR Part 21.
4. 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in U.S. DOT-funded projects.
6. The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR Parts 27, 37, and 38.
7. The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving financial assistance.
8. Section 324 of title 23 USC regarding the prohibition of discrimination based on gender.
9. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.
10. Anti-lobbying restrictions found in 49 USC Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, or a member of Congress, in connection with the awarding of any federal contract.

  
\_\_\_\_\_  
Jennifer Toth, Assistant Director Multimodal Planning Division  
ARIZONA DEPARTMENT OF TRANSPORTATION

07/06/2011

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
David Wessel, Manager  
FLAGSTAFF METROPOLITAN PLANNING ORGANIZATION

6/22/11  
\_\_\_\_\_  
Date

**Resolution Number 11-02**  
**of the**  
**Flagstaff Metropolitan Planning Organization**  
**Executive Board**

**Approving the 2012 – 2016 Transportation Improvement Program**

WHEREAS, The Flagstaff Metropolitan Planning Organization (FMPO) has the responsibility for conducting the area-wide continuing, comprehensive, and cooperative transportation system planning program and must maintain the regional transportation system plan and short range transportation improvement program on a current basis pursuant to Section 124 of Title 23, USC as Amended by the Intermodal Surface Transportation Act of 1991, the Transportation Efficiency Act for the 21<sup>st</sup> Century of 1998, and the Safe, Accountable, Flexible, Efficient Transportation Equity Act - a Legacy for Users Act of August 10, 2005; and

WHEREAS, The FMPO's Transportation Improvement Program is a central program management tool for structuring metropolitan transportation programs and reflects the integrated nature of the regional transportation system; and

WHEREAS, The FMPO reviews the arterial, transit, and bicycle improvement programs prepared by the member agencies for correlation as one regional Transportation Improvement Program, and advises the member jurisdictions of any conflicts, and prepares, as a coordinated composite of local programs, a regional Transportation Improvement Program for the FMPO area; and

WHEREAS, The FMPO Technical Advisory Committee and Executive Board, consisting of local and state officials, are involved in a process to annually coordinate the preparation of a regional Transportation Improvement program and have reviewed and approved this Fiscal Year 2009 – 2013 Transportation Improvement Program; and

WHEREAS, The projects in this 2012 – 2016 Transportation Improvement Program, including its 2011 Annual Element, are consistent with the Flagstaff Metropolitan Planning Organization Regional Transportation Plan, adopted December 16, 2010; and

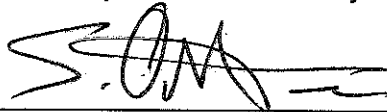
WHEREAS, The FMPO HEREBY CERTIFIES that the metropolitan transportation planning process is being carried on in conformance with all applicable requirements of 23 U.S.C. 134, and as amended by the Intermodal Surface Transportation Efficiency Act of 1991, the Transportation Efficiency Act for the 21<sup>st</sup> Century of 1998, the 1990 American with Disabilities Act; and the 1990 Clean Air Act Amendments; and

WHEREAS, The FMPO FURTHER CERTIFIES that the metropolitan planning program is being performed to satisfy the following federal regulations:

1. Statewide/Metropolitan Planning, Final Rule, October 28, 1993.
2. Management and Monitoring Systems, Interim Final Rule, December 1, 1993; now

HEREBY, The Executive Board of the FMPO does approve and adopt this Fiscal year 2012 – 2016 Transportation Improvement Program with its 2011 Annual Element composed of project input from the City of Flagstaff, Coconino County, the Northern Arizona Intergovernmental Public Transportation Authority and the Arizona Department of Transportation.

As adopted this 22nd day of June, 2011

A handwritten signature in black ink, appearing to read 'S. Overton', is written over a horizontal line.

Scott Overton, Flagstaff City Council  
Chair, FMPO Executive Board





## Table of Contents

Self-Certification	i
Resolution 11-02: Adopting the FY 2012-16 Transportation Improvement Program	ii
Table of Contents	v
Chapter I: Introduction	1
General	2
Geographic Area	3
Statutory Requirements	4
Criteria for Inclusion of a Project in the TIP	4
Chapter II: ADOT Projects in the FMPO area	7
Chapter III: Local projects: Federal Aid Funds	11
Chapter IV: Local projects: Non-Federal Aid Funds	15
Chapter V: Local Projects: Federal Transit Funds	19
Chapter VI: Local Projects: Safety Funds	23
Chapter VII: Local Projects: Enhancement Funds	27
Chapter VIII: All Agencies: Pavement Preservation Projects	31
ADOT Acceptance	35

### List of Figures

FMPO Area Boundaries	3
FMPO Planning process	6

### List of Tables

Table 1. ADOT: Tentative 5-Year Highway Construction Program: FY 2012 - 2016	8
Table 2. ADOT: FMPO proposed projects: FY 2012 - 2016	8
Table 3. FMPO Surface Transportation Program (STP) projects: FY 2012 - 2016	12
Table 4. Non-Federal Aid Projects within the FMPO-area: FY 2012 - 2016	16
Table 5. Transit Projects within the FMPO-area: FY 2012 - 2016	20
Table 6. Safety projects within the FMPO-area: FY 2012 - 2016	24
Table 7. Approved Enhancement Projects within the FMPO-area: FY 2012 - 2016	28
Table 8. Pavement Preservations Projects within the FMPO-area: FY 2012 - 2016	32

### List of Maps

Map 1. ADOT 5-Year Highway Construction Program Projects & FMPO Proposed Project	9
Map 2. FMPO Region Surface Transportation Projects	13
Map 3. Mountain Line Projects	21
Map 4. FMPO Highway Safety Improvement Projects	25
Map 5. FMPO Region Transportation Area Enhancement Projects	29
Map 6. FMPO Region Transportation Pavement Preservation Projects	33



**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter I**  
**Introduction**



# **FLAGSTAFF METROPOLITAN PLANNING ORGANIZATION 2012 - 2016 TRANSPORTATION IMPROVEMENT PROGRAM**

## **Chapter I. INTRODUCTION**

### **GENERAL**

This Transportation Improvement Program (TIP) represents the project selection document for Federally-funded projects. Project priorities are indicated by the year the project is programmed. For Federally-funded projects, the year programmed as indicated in the TIP refers to the state fiscal year ending June 30<sup>th</sup>.

This TIP is a multi-year, multi-agency listing of transportation improvements for the Flagstaff Metropolitan Planning Organization's (FMPO) area covering a period of five years, 2012 through 2016. Included are projects on state routes which have recommended funding by the Arizona Department of Transportation for consideration by the Arizona State Transportation Board (Table 1) – these projects are extracted from the state's draft 5-year plan; projects proposed for funding under the Federal Surface Transportation Program, Bridge, or Hazard Elimination System (Safety) programs; and other needed projects for which state funding is sought and/or local sources of revenue are identified.

Last year's improvements are the Annual Listing of Projects. They are shown on each table in a gray-shaded column.

Table 2 in Chapter II presents projects proposed by FMPO members for potential inclusion in the Arizona State Highway System within the FMPO area. Chapter III lists other proposed local projects – both federally and non-federally funded. Each of the projects proposed for implementation in this TIP are consistent with the FMPO Regional Transportation Plan, adopted December 16, 2010.

## GEOGRAPHIC AREA

Figure 1 illustrates boundaries for the Flagstaff Metropolitan Planning Organization. The area stretches from the unincorporated areas of Kachina Village and Mountainaire in the south to the San Francisco Peaks in the north and the unincorporated areas of Winona to the east and Bellemont to the west.

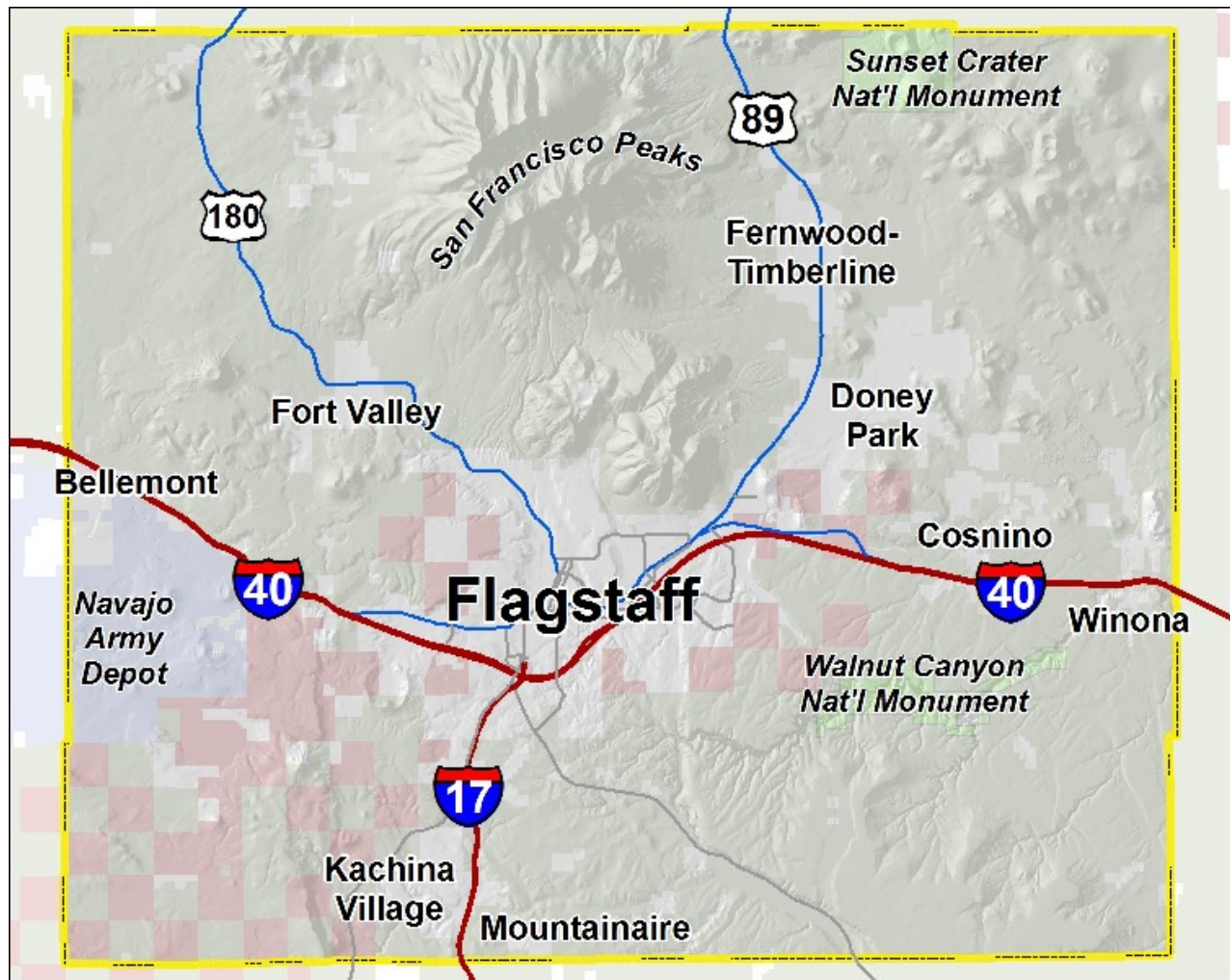


Figure 1. FMPO Boundaries

## **STATUTORY REQUIREMENTS**

Under federal guidelines, the TIP is a staged, multi-year (4-5) program of transportation projects which is consistent with and implements the FMPO Regional Transportation Plan. The TIP must be prepared in such detail as to identify projects (or groupings of projects of similar types), to assign these projects to appropriate staging periods, and to identify costs and funding sources. Further, it must be revised as least biannually and be endorsed by the FMPO. The purpose of the TIP is to synthesize the short-range plans and programs of all local agencies to insure coordination, to schedule projects of area-wide significance which are recommended in the Regional Transportation Plan, and to provide systems level overview of the proposed improvements for the entire area. Further, the TIP is a central program management tool for structuring metropolitan transportation programs and reflects the integrated nature of the regional transportation system.

The TIP must be approved by the FMPO Executive Board and the Governor of Arizona or his/her designee. Following such approvals, the TIP shall be included in the Statewide Transportation Improvement Program (STIP) prepared by the Arizona Department of Transportation.

FMPO'S TIP is a product of the regional transportation planning process that is carried on cooperatively by FMPO with the City of Flagstaff, Coconino County, Northern Arizona Intergovernmental Transportation Agency and ADOT. Working together, these agencies plan and sponsor projects that carry out the policies and recommendations of the regional plan. This process is detailed in Figure 2.

The public input process consists of a "Call for Projects" and a public review period. Meeting at which the Technical Advisory Committee and Executive Board review drafts, recommend adoption and adopt the program are open to the public. Projects submitted by the public would be compared against the fiscally constrained budget and other projects in the program for priority and scored against the criteria below if necessary. Comments received by the public will be presented to the Technical Advisory Committee and Executive Board, addressed in the minutes of meeting, and appropriate changes, if any, to the program or process will be made.

## **CRITERIA FOR INCLUSION OF A PROJECT IN THE TIP**

The FMPO has created an application form and process the scoring for which is summarized below:

### **Roadway Projects:**

Criteria:	REGIONAL PLAN SUPPORT	Possible Points: 20
Criteria:	ROADWAY SYSTEM ENHANCEMENT	Possible Points: 25
Criteria:	COST EFFECTIVENESS	Possible Points: 15
Criteria:	BONUS POINTS	Possible Points: 10

### **Transit Projects:**

Criteria:	COMPLIANCE WITH SHORT RANGE TRANSIT PLAN	Possible Points: 20
-----------	--	---------------------

Criteria:	EXISTING AND/OR FUTURE RIDERSHIP ON ROUTE	Possible Points: 20
Criteria:	SAFETY AND SECURITY	Possible Points: 20
Criteria:	INTERMODALISM/MULTIMODALISM	Possible Points: 10
Criteria:	REGIONAL PLAN SUPPORT	Possible Points: 10
Criteria:	BONUS POINTS	Possible Points: 10

#### **Pedestrian/Bicycle Projects:**

Criteria:	SAFETY	Possible Points: 25
Criteria:	REGIONAL PLAN SUPPORT	Possible Points: 20
Criteria:	PEDESTRIAN/BIKEWAY SYSTEM ENHANCEMENT	Possible Points: 25
Criteria:	EFFECTIVENESS/COST EFFECTIVENESS	Possible Points: 20
Criteria:	BONUS POINTS	Possible Points: 10

This process is employed when the number of projects proposed for the use of federal funds exceeds the ability to work through a consensus process.

### **FISCAL CONSTRAINT ANALYSIS**

There are several aspects of fiscal constraint applied to this year's TIP.

Cost estimation – Cost estimates have been reviewed by the sponsoring agencies and updated in the document.

Inflation – FMPO applies the minimum 4% inflation per year to year-of-expenditure.

#### **Funding Estimates** –

Surface Transportation Program – FMPO uses current ADOT ledger estimates. It also assumes a decrease in funds starting in year 2011 due to projected changes in population share resulting from the 2010 Census.

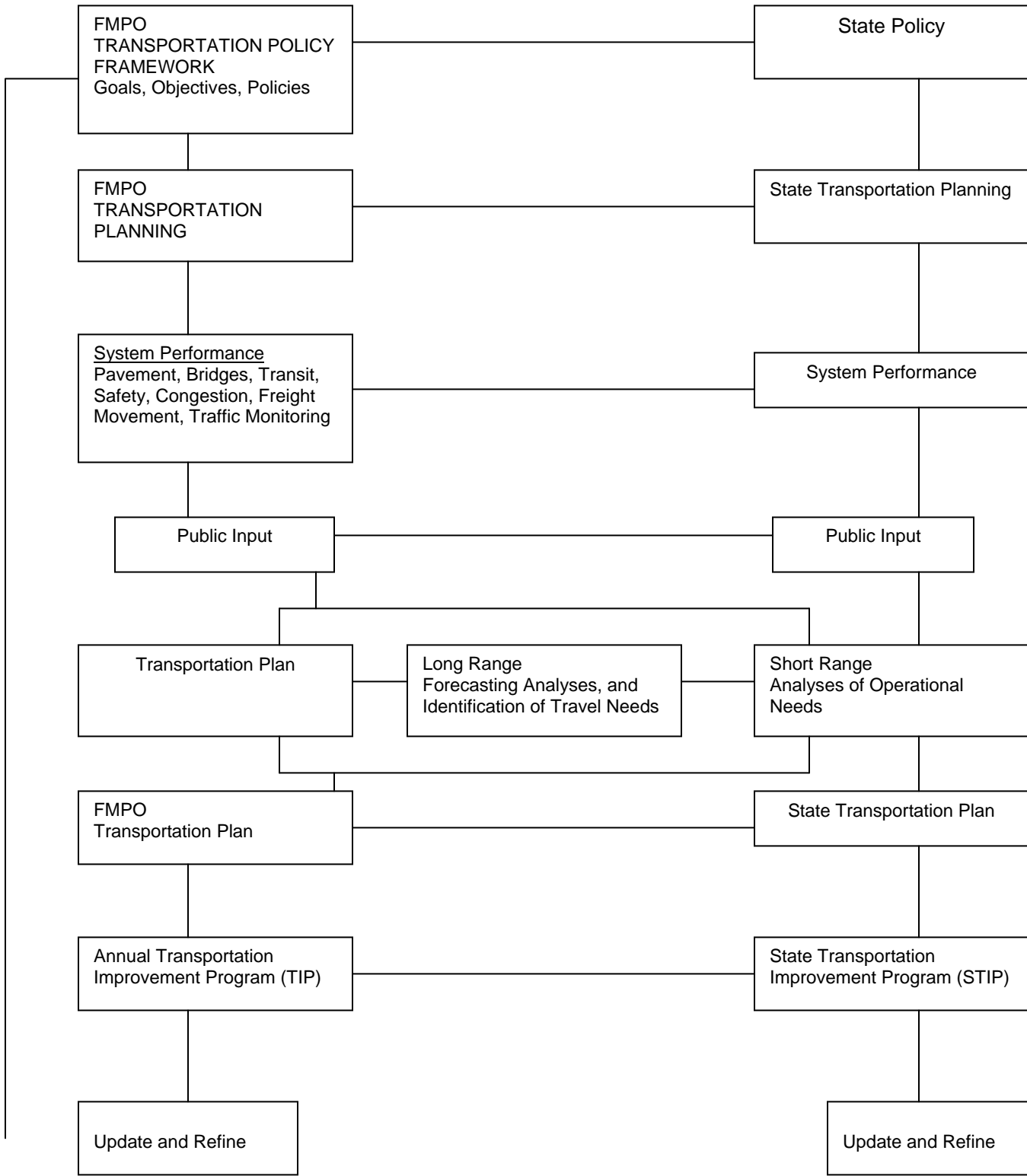
Transit Funding (5307) – No federal reauthorization bill exists. These funds assume current year allocations and a 3% per year increase.

Transit Funding (local taxation) – In 2008, City of Flagstaff voters passed several initiatives including support for existing service, purchase of hybrid busses, expansion of service into new neighborhoods, increase of frequency on existing routes, and the operation and equipping of the Mountain Link Bus Rapid Transit service between downtown, Northern Arizona University and Woodlands Village. Delivery of these services has been adapted to correspond with projected revenues.

Local Projects (local taxation) – In 2000, City of Flagstaff voters passed several initiatives to pay for road construction, transit service (superseded by the 2008 vote referenced above), and bicycle and pedestrian improvements. As revenue projections decreased over time the City has made necessary adjustments to its capital program.



Figure 2.  
FMPO TRANSPORTATION PLANNING PROCESS



**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 – 2016 Transportation Improvement Program**



**Chapter II**  
**ADOT projects**  
**in the**  
**FMPO area**



**Table 1. Arizona Department of Transportation: Tentative 5-Year Highway Construction Program**  
Fiscal Years 2012-2016 as of 4/7/11

fmco	project_sponsor	tip_ID_#	project_name project_location project_description	Length	federal_functional_class	total_project_cost	federal_funding_type	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	federal_funds 2012-2016
fmco	ADOT	f11101	US 66/Steves WB Right Turn Lane B40 @ MP 199.25 Add right turn lane @ Steve's	0.1	Principal Arterial	STP								See Table 3
			Phase				c							
fmco	ADOT	f11302	US 180/Forest Avenue Ped Refuge US 180 @ MP 216.45 Construct refuge in southeast quadrant	0.1	Urban Minor Arterial	STP	251							
			Phase				c							
fmco	ADOT	f11303	89A/J.W. Powell Intersection SR 89A @ MP 398.55 Construct roundabouts at ramps & intersection	0.1	Urban Minor Arterial	STP			6,250					6,250
			Phase						c					
fmco	ADOT	f11404	US 180: Ft. Valley turn lanes Bader Road and Lake Road Preliminary design	0.1	Urban Minor Arterial	STP			350					350
			Phase						s					
<b>TOTALS</b>								<b>251</b>	<b>0</b>	<b>6,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,600</b>

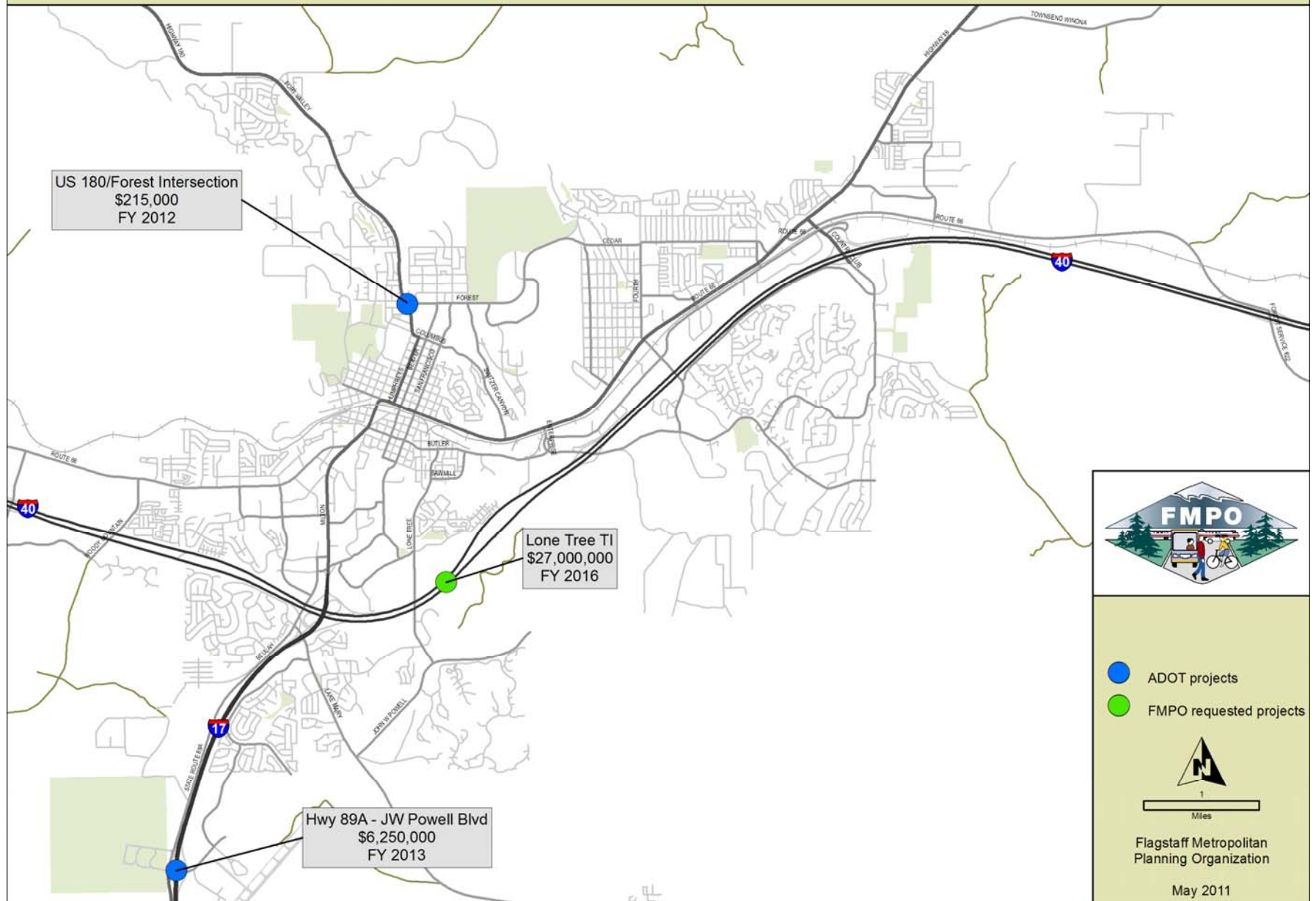
Phase Codes: s = study; d = design; r = right-of-way; c = construction

**Table 2. Arizona Department of Transportation: FMPO proposed projects**  
Fiscal Years 2012-2016 as of 4/7/11

fmco	project_sponsor	tip_ID_#	project_name project_location project_description	Length	federal_functional_class	total_project_cost	federal_funding_type	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	federal_funds 2012-16
fmco	ADOT	f21601	Lone Tree/I-40 Traffic Interchange I-40 @ MP 196.5 design new traffic interchange	1.5	Interstate	STP	300			10,000		70,000		80,000
			Phase				s			d				c
<b>Totals</b>								<b>300</b>	<b>0</b>	<b>0</b>	<b>10000</b>	<b>0</b>	<b>70000</b>	<b>80000</b>

Note: This project has been submitted to Congress for consideration in the next highway bill  
Phase Codes: s = study; d = design; r = right-of-way; c = construction

## Map 1. ADOT 5-Year Highway Construction Program Projects & FMPO Requested Project



# ADOT Project Support of Regional Plan Goals

**E. Route 66 @ Steves Turn Lane** – Goal T1, Policies T1.2, T1.3 and T1.5 describe a safe, efficient and cooperatively funded system. This is an area of known safety and congestion issues being constructed with FMPO regional funds.

**US 180 @ Forest Avenue Pedestrian Refuge** – Goals T1 and T3 and policies T1.9, T3.1, T4.1 address a safe, balanced and connected system that address modes beyond private automobiles. This project connects two important trails and shortens pedestrian crossing distances.

**US 89a @ J.W. Powell Boulevard Intersection Improvement** – Goal T1 addresses safety and efficiency. This project will eliminate special event traffic backups on to the interstate. It will improve the efficient movement of that traffic through this intersection and the intersection of Powell at the I-17 southbound ramps. This project may also develop a gateway to the area, another goal of the regional plan.

**US 180 @ Bader and Lake Roads Turn Lanes** – Goal T1 address safety. Turn lanes will remove vehicles moving slow to make a turn in Ft. Valley from a relatively high speed, rural highway.

**Interstate 40 @ Lone Tree Traffic Interchange (FMPO Proposed)** – Goal T1 address convenience. Policy T1.2 address efficiency and connectivity. The interchange is an integral part of improving arterial network connectivity and spacing – a deficiency described in the text of the plan.

**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter III**  
**Local Projects:**  
**Federal Aid Funds**



Table 3. FY 2012-2016 FMPO Surface Transportation Program (STP) projects  
Fiscal Years 2012-2016 as of 4/8/11

mpo_cog	tip_ty	project_sponsor	tip_id_#	project_name	project_location	project_description	Length	federal_functional_class	federal_aid_type	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	federal_funds 2012-16	federal_funds	local_match	Total Project Cost
ADOT LEDGER 9/30/10 THEN CARRY FORWARD										1830	1319	965	1356	269	652				
fmpo	2011	ADOT	f31101	E. Route 66/Steves (WB) Turn lane	0.1	Other Principal Arterial		STP	(188)						0	\$ 188,208	ADOT	199,471	
				B40 @ MP 199.25															
				Construct turn lane, purchase R/W															
				Phase															
fmpo	2011	NAIPTA	f31102	Buy 2 biodiesel busses	na	System		STP	(839)						0	\$ 839,146	46,543	800,384	
				Flagstaff															
				Equipment															
				Phase					c										
fmpo	2012	FMPO	f31201	US 180 Winter Congestion Study		Other Principal Arterial		STP		(40)					(40)	\$ 39,669	2,200	30,000	
fmpo	2012	FMPO	f31202	NAIPTA - 5 Yr Update		System		STP		(34)					(34)	\$ 34,002	1,886	30,000	
				region															
				Evaluate funding, mandates, routes															
				Phase						s									
fmpo	2012	Flagstaff	f31603	Rio bridges		Urban Collector		HPP						(3000)		\$ 3,000,000			
				Rio de Flag @ Aspen, Birch, Cherry, Bonito, Thorpe															
				bridge improvements															
				Phase							c								
fmpo	2012	Flagstaff	f31203	Beulah Boulevard Extension	0.4	Urban Collector (prop.)		STP		(595)					(2068)	\$ 595,031	33,003	520,000	
				Beulah: Forest Meadows to Yale								(1473)				\$ 1,473,409	426,000	2,480,000	
				Construct new 2-lane, collector															
				Phase						c		d							
fmpo	2012	CoF/ADOT	f31204	ACST Pilot Project*	n/a	System		STP		(170)						\$ 170,009	9,429	300,000	
				pending site selection process															
				install upgraded signal technology															
				Phase															
fmpo	2013	FMPO	f31302	traffic counts		System		STP			(35)				(35)	\$ 35,362	1,961	30,000	
fmpo	2013	FMPO	f31303	Planning General		System		STP			(59)				(59)	\$ 58,936	3,269	60,000	
fmpo	2014	FMPO	f31401	traffic counts		System		STP				(37)			(37)	\$ 36,776	2,040	30,000	
fmpo	2014	FMPO	f31402	Planning General		System		STP				(61)			(61)	\$ 61,294	3,400	62,000	
fmpo	2015	FMPO	f31501	traffic counts		System		STP					(38)		(38)	\$ 38,247	2,121	30,000	
fmpo	2015	FMPO	f31502	Planning General		System		STP					(64)		(64)	\$ 63,746	3,536	64,000	
fmpo	2016	FMPO	f31601	traffic counts		System		STP						(40)	(40)	\$ 39,777	2,206	30,000	
fmpo	2016	FMPO	f31602	Planning General		System		STP						(66)	(66)	\$ 66,295	3,677	66,000	
fmpo	2016	ADOT	f31603	Lone Tree I.I.	0.4	Urban Interstate		STP						(1061)	(1061)	\$ 1,060,726	58,833	66,000,000	
				I-40 @ MP 196.5															
				Road Design - Share															
				Phase										d					
TOTAL FEDERAL FUNDS FY 2012-2016										516	485	485	485	485	485	2425			
OA BALANCE = CARRY FORWARD										(1027)	(839)	(94)	(1572)	(102)	(1167)	(3603)			
										1,319	965	1,356	269	652	-29				

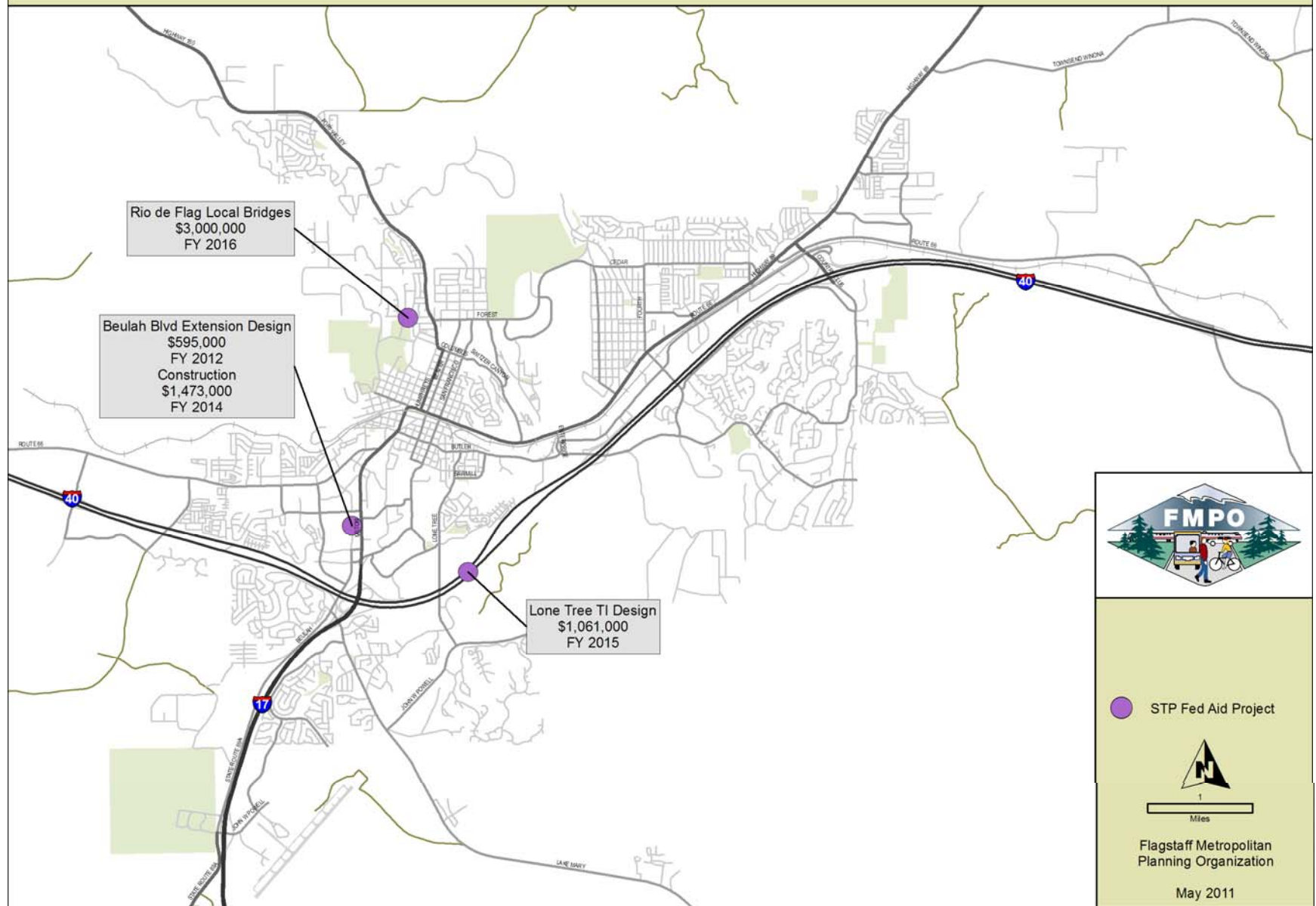
NOTES: Assumed 4% per year inflation from Fiscal Year 2011

\* ACS Pilot project assumes an additional \$150,000 from ADOT

Obligational Authority estimated at 0.91 to calculate federal funds. Adjustments to correct to the ADOT ledger will be made on an annual basis.

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

## Map 2. FMPO Region Surface Transportation Projects





# **Local Surface Transportation Projects Support of Regional Plan Goals**

**Beulah Boulevard Extension** – Policy T1.2 addresses connectivity and efficiency. This project provides backage roads to Milton Avenue that will allow access functions to be removed from Milton. This action also supports policy T1.6 addressing functional classification and access management.

**Rio de Flag Bridges High Priority Project** – Policy T1.2 addresses connectivity. This project assures interruptions to traffic flow created by the Rio de Flag flood control project are addressed.

**I-40 @ Lone Tree Traffic Interchange (Design support)** – Goal T1 address convenience. Policy T1.2 addresses efficiency and connectivity. The interchange is an integral part of improving arterial network connectivity and spacing – a deficiency described in the text of the plan.

**General Planning and Traffic Counts** – Planning projects must be included in the FMPO Unified Planning Work Program where identified tasks must support regional plan objectives. Traffic counts contribute to proper allocation of funds to priority projects.

**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter IV**  
**Local Projects:**  
**Non-federal Aid Funds**

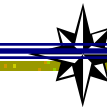


Table 4. FY2012 - 2016: Non-Federal Aid Projects within the FMPO-area  
on Federal Aid Eligible roads  
Fiscal Years 2012-2016 as of 4/14/11

fmco_cog	project_sponsor	project_name	project_location	project_description	Length	federal_functional_class	FY 2011 - Expended Funds						local fund source	local funds: 2012=2016
							FY 2011 (in \$000s)	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)		
fmco	Flagstaff	West & Arrowhead Improvements	1.15	Urban Collector	98	3120	3695	1460					Transpo	8,275
		Arrowhead: Rt 66 to West; West: Arrowhead to Cedar												
		reconstruction, edge improvements												
		Phase			p	d,f	f	c						
		Industrial Drive - Paving & Construction		Urban collector	39			700	1850				Transpo	2,550
		Industrial Drive: Huntington to Nestle-Purina												
		subgrade, drainage, paving												
		Phase			p	d,f	f	c						
		Ponderosa Parkway	0.11	Urban Collector	1454								Transpo	0
		Route 66 to 600' north of Route 66												
		Intersection improvement, 3 lane collector												
		Phase			c									
fmco	Coconino	Stardust Trail connection	0.8	Rural Collector		1500							Roads	1,500
		Stardust Trail: Yancey to Rio Rancho												
		Construct new collector												
		Phase				c								
fmco	Coconino	Cosnino Road: south end	0.5	Rural Collector			3000						Roads	3,000
		Cosnino Road: south end												
		I-40 Ramp to 4785 N. Cosnino Rd.												
		grade change and reconstruction												
		Phase					c							
		TOTAL				1,591	4,620	6,695	2,160	1,850	0			315,325

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

# Local, Non-federal Projects Support of Regional Plan Goals

**West & Arrowhead Improvements** — This project will improve and add multimodal facilities in the corridor addressing Goals T1 and T3 regarding safety and balance, and policies T3.1 and T3.2 addressing bicycle and pedestrian systems.

**Industrial Drive - Paving & Construction** - This project improves connections and access to Country Club Road and Industrial Drive by virtue of paving the road. Connectivity is addressed in policy T1.2.

**Ponderosa Parkway - Intersection improvement** — This project creates connections and access to McMillan Mesa. Connectivity is addressed in policy T1.2.

**Stardust Trail connection -Yancey to Rio Rancho** — This project creates connections and access in Doney Park to Townsend-Winona Road, via Rio Rancho. Connectivity is addressed in policy T1.3. It also improves emergency service vehicle access and evacuation capabilities, aspects of safety in Goal T1 and policy T1.3.

**Cosnino Road - grade change and reconstruction** — This project improves safety, Goal T1 and policy T1.3, in the approach and crossing of the railroad.



**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter V**  
**Local Projects:**  
**Federal Transit Funds**



**Table 5. FY2011 - 2015: Transit Projects within the FMPO-area**  
**Fiscal Years 2011-2015 as of 05/16/11**

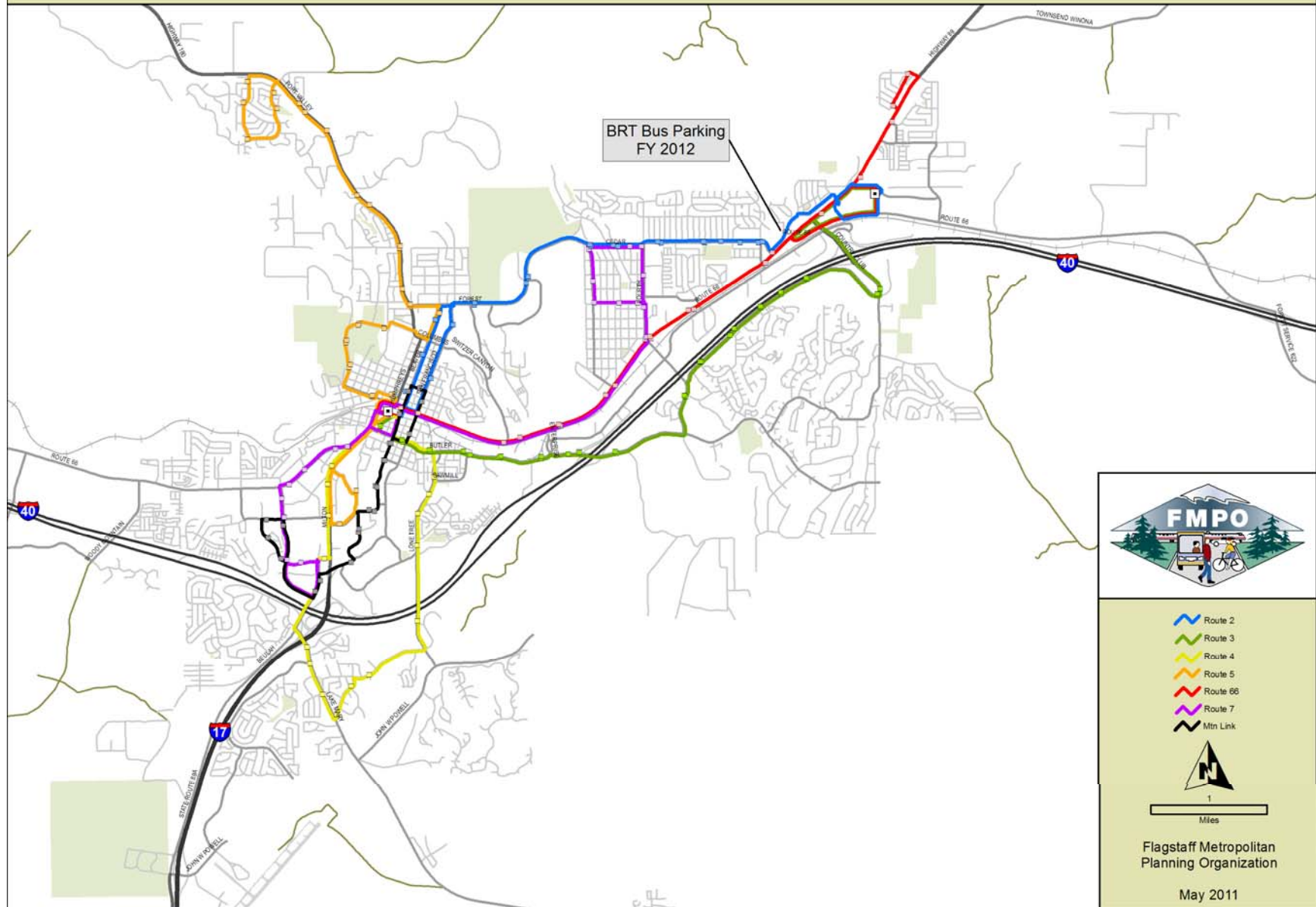
Agency	Fiscal Year	ALI Code	Location	Project Description	Fund Type	Local Cost *	Federal Cost	Total Cost
NAIPTA	2011	30.09.00	Region	Operating Assistance	2011-5307	\$ 3,340,818	\$ 721,698	\$ 4,062,516
NAIPTA	2011	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2011-5307	\$ 5,000	\$ 20,000	\$ 25,000
NAIPTA	2011	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2011-STP State-Flex	\$ 15,327	\$ 61,306	\$ 76,633
NAIPTA	2011	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles ***	2010- State ARRA FLEX	\$ -	\$ 30,700	\$ 30,700
NAIPTA	2011	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2006-5309	\$ 44,258	\$ 177,033	\$ 221,291
NAIPTA	2011	11.13.02	Flagstaff	1 Hybrid Electric Bus (replacement fleet)	2008 - STP State-Flex	\$ 16,289	\$ 65,154	\$ 81,443
NAIPTA	2011	11.13.02	Flagstaff	1 Hybrid Electric Bus (replacement fleet)	2008 - 5307	\$ 24,108	\$ 96,431	\$ 120,539
NAIPTA	2011	11.13.02	Flagstaff	2 Hybrid Electric Bus (replacement fleet)	2006-5309	\$ 114,891	\$ 740,355	\$ 925,444
NAIPTA	2011	11.13.02	Flagstaff	2 BioDiesel Bus (replacement fleet)	STP Local-Flex	\$ 48,380	\$ 872,258	\$ 920,638
NAIPTA	2011	11.76.91	Flagstaff	Building Construction - Mainten & Admin Bldg	2009-5309	\$ 70,538	\$ 282,150	\$ 352,688
NAIPTA	2011	11.13.02	Flagstaff	6 Hybrid Electric Bus (expansion of fleet, imp	2009-5309	\$ 653,750	\$ 2,615,000	\$ 3,268,750
NAIPTA	2011	11.33.02	Flagstaff	Design and Construction of BRT Route/Corri	2009-5309	\$ 735,750	\$ 2,943,000	\$ 3,678,750
NAIPTA	2011	11.33.03	Flagstaff	Design and Construction of BRT Route/Corri	2010-5309	\$ 170,500	\$ 682,000	\$ 852,500
				<b>TOTAL ALL CATEGORIES-2011</b>		<b>\$ 5,239,607</b>	<b>\$ 9,307,085</b>	<b>\$ 14,616,891</b>
NAIPTA	2012	30.09.00	Flagstaff	Operating Assistance	2008 - 5307	\$ 185,261	\$ 185,261	\$ 370,522
NAIPTA	2012	30.09.00	Region	Operating Assistance,	2012-5307	\$ 3,812,925	\$ 743,949	\$ 4,556,874
NAIPTA	2012	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2012-5307	\$ 5,000	\$ 20,000	\$ 25,000
NAIPTA	2012	11.44.03	Flagstaff	Building Rehab - Mainten & Admin Bldg	2012-STP State-Flex	\$ 15,327	\$ 61,306	\$ 76,633
				<b>TOTAL ALL CATEGORIES-2012</b>		<b>\$ 3,833,252</b>	<b>\$ 825,255</b>	<b>\$ 4,658,507</b>
NAIPTA	2013	30.09.00	Region	Operating Assistance, including Project Mana	2013-5307	\$ 4,262,492	\$ 766,867	\$ 5,029,359
NAIPTA	2013	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2013-5307	\$ 5,000	\$ 20,000	\$ 25,000
NAIPTA	2013	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2013-STP State-Flex	\$ 15,327	\$ 61,306	\$ 76,633
				<b>TOTAL ALL CATEGORIES-2013</b>		<b>\$ 4,282,818</b>	<b>\$ 848,173</b>	<b>\$ 5,130,992</b>
NAIPTA	2014	30.09.00	Region	Operating Assistance, including Project Mana	2014-5307	\$ 4,342,973	\$ 790,473	\$ 5,133,446
NAIPTA	2014	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2014-5307	\$ 5,000	\$ 20,000	\$ 25,000
NAIPTA	2014	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2014-STP State-Flex	\$ 15,327	\$ 61,306	\$ 76,633
				<b>TOTAL ALL CATEGORIES-2014</b>		<b>\$ 4,363,299</b>	<b>\$ 871,779</b>	<b>\$ 5,235,079</b>
NAIPTA	2015	30.09.00	Region	Operating Assistance, including Project Mana	2015-5307	\$ 4,424,914	\$ 814,788	\$ 5,239,702
NAIPTA	2015	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2015-5307	\$ 5,000	\$ 20,000	\$ 25,000
NAIPTA	2015	11.32.10	Flagstaff	Passenger Shelters, Signs, and Poles	2015-STP State-Flex	\$ 15,327	\$ 61,306	\$ 76,633
NAIPTA	2015	11.32.10	Region	Passenger Shelters, Signs, and Poles	5309	\$ 60,000	\$ 240,000	\$ 300,000
NAIPTA	2015	11.13.02	Flagstaff	6 Hybrid Buses - Replacement Fleet	5309	\$ 672,000	\$ 2,688,000	\$ 3,360,000
NAIPTA	2015	11.12.15	Flagstaff	3 Hybrid Vans - Replacement Fleet	5309	\$ 104,000	\$ 416,000	\$ 520,000
NAIPTA	2015	11.7A.00	Flagstaff	Vehicle Rehab and Maintenance	5309	\$ 194,000	\$ 776,000	\$ 970,000
NAIPTA	2015	11.76.91	Flagstaff	Building Construction - Phase 2 of Admin Fa	5309	\$ 1,200,000	\$ 4,800,000	\$ 6,000,000
				<b>TOTAL ALL CATEGORIES-2015</b>		<b>\$ 6,675,241</b>	<b>\$ 9,816,094</b>	<b>\$ 16,491,335</b>

\*\*\* 2009 FMPO ARRA Flex Funds transferred to NAIPTA for passenger shelters use in Flagstaff Mountain Line System.

*Fiscal Year is local fiscal year of July 1 thru June 30 to express year of project/expenditure.*

*\*Local Match increases by an average of 2% annually through year 2014. 2011 Local match for construction/buses for BRT is combination of City taxes and University IGA funds. Local match for 2012 and future operating is combination of City taxes and University IGA funds*

### Map 3. Mountain Line Projects





# Transit Projects Support of Regional Plan Goals

Goal T3 and related policies addresses the establishment and operation of an efficient transit system. Goal T1 addresses a balanced system across modes. The operations and capital expenditures identified in this Transportation Improvement Program are consistent with the most recently adopted 5-year Transit Plan. They support a transit system that provides effective geographic coverage of the region and existing and planned concentrations of residents and their places of employment.

**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter VI**  
**Local Projects:**  
**Safety Projects**

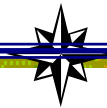
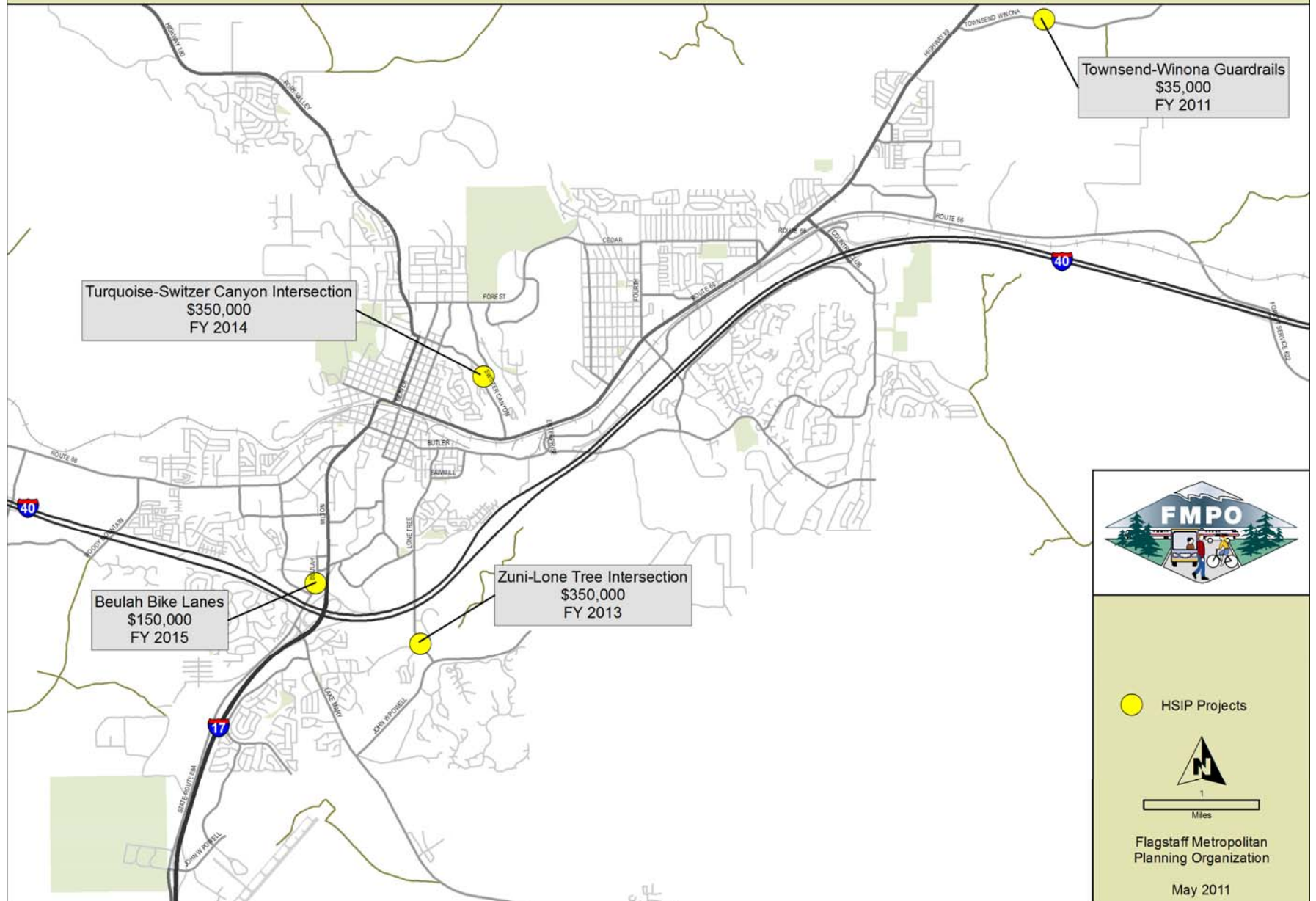


Table 6. Safety Projects with the FMPO -area: FY 2012-2016  
Fiscal Years 2012-2016 as of 4/14/11

fmco_cog	project_sponsor	tip_ID_#	project_name project_location project_description	Length	federal_functional_class	lanes_before	lanes_after	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	federal_aid_type	federal_funds 2012-2016	local_match: 2012-2016	Total Project Cost
fmco	Flagstaff	f61101	Sign program & Inventory City MUTCD compliance Phase:	n/a	all	n/a	n/a	50						HSIP	\$ -	\$ -	\$ -
fmco	Flagstaff	f61102	Zuni/Lone Tree Intersection Improvement* Lone Tree Road and Zuni Drive Intersection design & Construction Phase:	n/a	arterial	2	2	230	350					HSIP	\$ 350		\$ 350 100% funds
fmco	Flagstaff	f61201	Sign replacement region Safety upgrade Phase:	n/a	all	n/a	n/a		250					HSIP	\$ 250	\$ 15	\$ 265
fmco	Flagstaff	f61103	Transverse Pavement Markings City - multiple locations Upgrade style & material Phase:	n/a	all	n/a	n/a	150						HSIP	\$ -		100% funds
fmco	Flagstaff	f61401	Switzer Canyon/Turquoise Intersection Improvement* Switzer Canyon/Turquoise Drive Intersection construction Phase:	n/a	Urban collector	n/a	n/a			350				HSIP	\$ 350		\$ 350 100% funds
fmco	Flagstaff	f61105	Beulah Bike Lanes Beulah Boulevard: Woodlands Village to McConnell Median adjustment, restriping Phase:	0.22	Urban collector	2	2	25			150			HSIP	150	\$ 9	\$ 159
fmco	Flagstaff	f61107	Guardrail Improvement Program City - multiple locations Study, then replace deficient Phase:	n/a	all	n/a	n/a	110	150					HSIP	\$ 150		100% funds
fmco	Coconino	f61108	Townsend-Winona Guardrail 8 locations Replace substandard guardrail ends Phase:	n/a	Arterial	n/a	n/a	35						HSIP	\$ -		100% funds
TOTAL								600	150	600	350	150	0		\$ 1,250		
FUNDING								600	600	600	600	600	600				
BALANCE								0	450	0	250	450	600				

\* Design will cover the Lone Tree and Switzer intersections. Signal and roundabout alternatives will be evaluated.  
Phase Codes: s = study; d = design; r = right-of-way; c = construction

## Map 4. FMPO Highway Safety Improvement Projects



# Safety Projects Support for the Regional Plan

Goal T1 and Policy T1.3 speak to safety, the latter favors funding for projects that address safety. This program inherently addresses safety. A brief explanation of the projects is provided.

**Sign program & Inventory** – Signing is a central aspect of transportation safety. It assigns right-of-way, warns of unsafe conditions, and sets expectations for safe behavior. This project will inventory all signs in the city and help to maintain them in proper condition and to standard.

**Zuni/Lone Tree Intersection Improvement** – Several accidents occurred at this intersection. A proper design will address speeds and assignment of right-of-way.

**Sign replacement** – a follow-up component to the sign inventory.

**Transverse Pavement Markings** – this project will replace striping at many or most city crosswalks with high visibility – and more durable – markings. This also promotes Goals T1 and T2 regarding modal balance.

**Switzer Canyon/Turquoise Intersection Improvement** – a location with an accident history, increasing traffic volumes and a FUTS trail connection.

**Beulah Bike Lanes** – a missing section of the bicycle system and a place where assigned road space is critical due to congestion and considerable volumes of turn movements. This address policy T1.2 regarding connectivity.

**Guardrail Improvement Program** – an inventory and design effort for substandard city guard rails.

**Townsend-Winona Guardrail** – the replacement of substandard guardrails.

**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter VII**  
**Local Projects:**  
**Enhancement Projects**

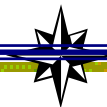
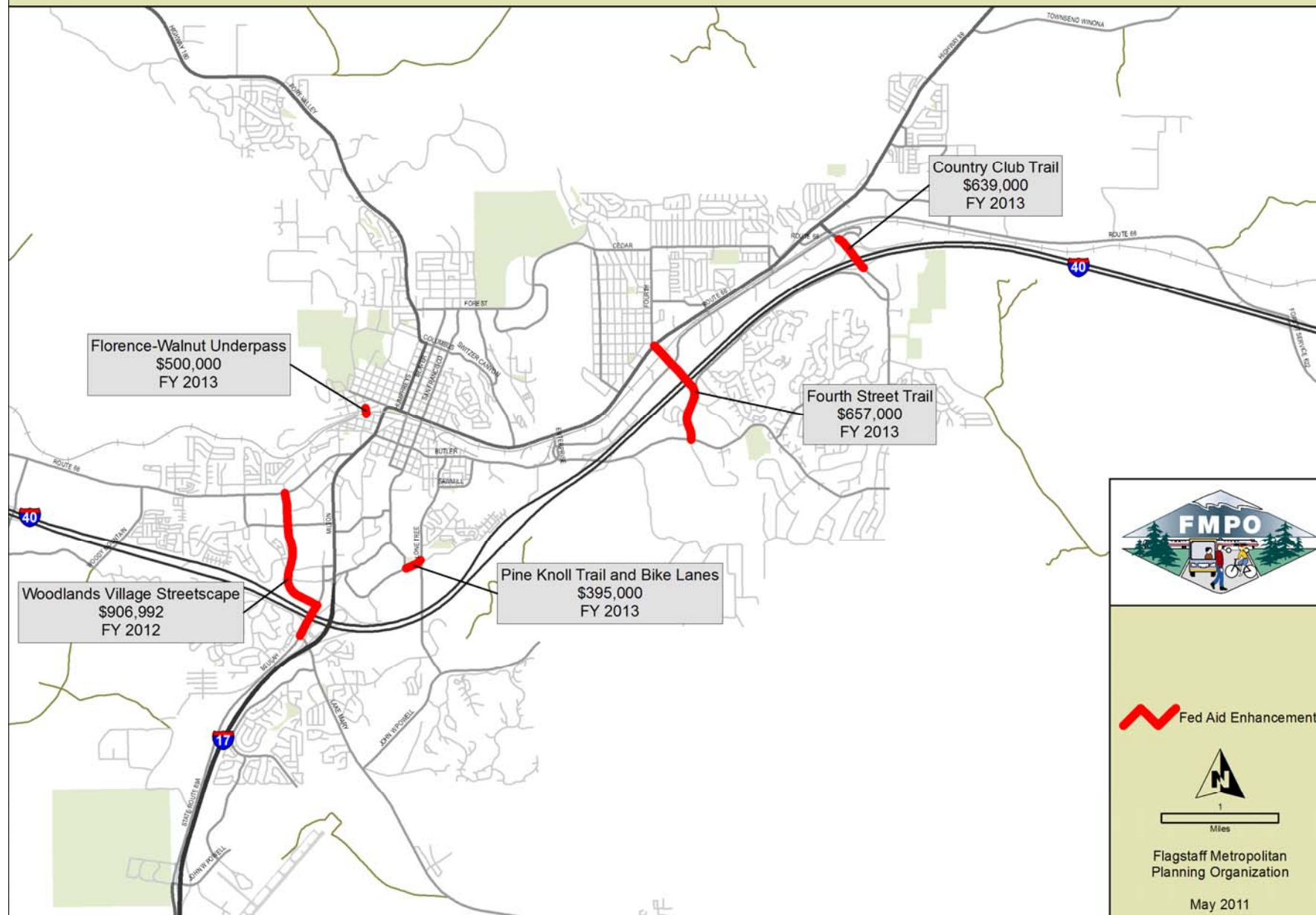


Table 7. Approved Enhancement Projects within the FMPO-area: FY 2012-2016  
Fiscal Years 2012-2016 as of 4/14/11

fmco_cog	project_sponsor	tip_ID_#	project_name project_location project_description	Length	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	federal_aid_type	federal_funds 2012-2016	local_match
fmco	Flagstaff	f71201	Woodlands Village Landscaping Woodlands Village Blvd: Beulah to W. 66 streetscape/landscaping Phase:	0.25		500					Enhance	\$ 500	\$ 227
fmco	Flagstaff	f71101	Route 66 East FUTS Trail old F-40: Country Club to Mall Way trail construction Phase:	0.5	467	c					Enhance	\$ -	
fmco	Flagstaff	f71202	Westside Pedestrian-Bicycle Underpass BNSF RR @ Florence-Walnut trail construction, including tunnel Phase:	--			500				Enhance	\$ 500	\$ 300
fmco	ADOT	f71301	Country Club Boulevard FUTS Trail I-40 WB ramps to Nestle-Purina Sidewalk widening Phase:	0.2			639				Enhance	\$ 639	\$ 39
fmco	Flagstaff	f71302	Fourth Street/I-40 Bridge Trail Improvements Fourth Street across I-40 Place pedestrian barriers Phase:	0.5			657				Enhance	\$ 657	\$ 44
<b>TOTAL FEDERAL FUNDS FY 2012-2016</b>					467	500	1796	0	0	0			

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

## Map 5. FMPO Region Transportation Enhancement Projects

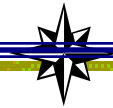




# **Enhancement Projects Support of the Regional Plan**

All of the enhancement projects in this edition of the Transportation Improvement Program address Goals T1 – safe and balanced system and T3 – support for a diverse range of transportation choices. All with the exception of the Florence-Walnut Railroad tunnel advance the policy T1.1 of establishing multimodal corridors. All address policy T1.2, connectivity, as the fill-in gaps in the multi-use trail or sidewalk system.

**FLAGSTAFF**  
**METROPOLITAN PLANNING ORGANIZATION**  
**2012 - 2016 Transportation Improvement Program**



**Chapter VIII**  
**All Agencies:**  
**Pavement Preservation Projects**

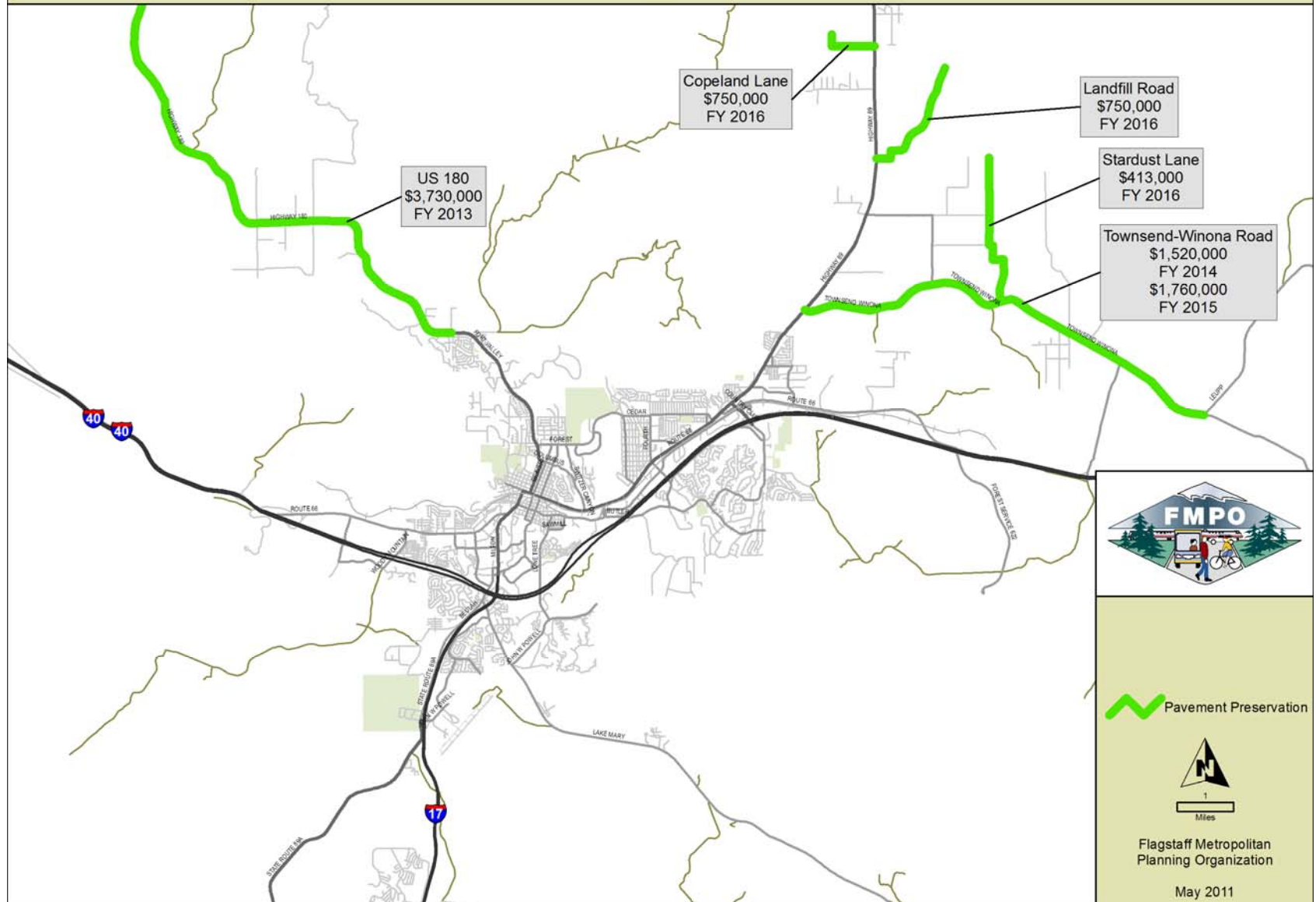


Table 8. Pavement Preservation Projects within the FMPO Area: 2012-2016  
Fiscal Years 2012-2016 as of 4/18/11

fmco_cog	project_sponsor	tip_ID_#	project_name project_location project_description	Length	federal_functional_class	FY 2011 - Obligated Funds	FY 2012 (in \$000s)	FY 2013 (in \$000s)	FY 2014 (in \$000s)	FY 2015 (in \$000s)	FY 2016 (in \$000s)	Fund type	federal_funds 2012-2016	local_match
fmco	ADOT		I-17/Airport TI - decking Exist 337 Replace bridge decking	0.2	Freeway	340						STP	0	
	ADOT		US 180 Pavement Preservation MP 216.2-230 RR 3" & AR-ACFC	13.8	Principal Arterial			3730				STP	3,730	
fmco	Flagstaff		City Overlay Project subset of City streets overlay	varies	Local to Minor Arterial	1160	893	1080	1865	1750	1034	HURF		6,622
fmco	Flagstaff		City Overlay Project subset of City streets overlay	varies	Local to Minor Arterial	1600	5700	3100	3100	3000		BOND		14,900
fmco	Coconino		East Townsend-Winona Pavement Preservation Leupp to 3 miles east recycle and overlay	3	Minor Arterial				1520			HURF		1,520
fmco	Coconino		West Townsend-Winona Pavement Preservation Leupp to 4 miles west overlay	4	Minor Arterial					1760		HURF		1,760
fmco	Coconino		Stardust Trail Yancey to Moonbeam recycle & overlay		Collector						413	HURF		413
fmco	Coconino		Copeland Lane US 89 to terminus recycle & overlay		Collector						750	HURF		750
fmco	Coconino		Landfill Road US 89 to terminus recycle & overlay		Collector						750	HURF		750

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

**Map 6. FMPO Region Pavement Preservation Projects**



Operations and maintenance are handled separately by each agency and under their respective policies. The regional plan and more particularly the FMPO Regional Transportation Plan, speak to the need for properly maintained transportation systems.

ADOT, under the Flagstaff District and Northern Arizona Region Traffic is responsible for operations and maintenance of the following roads in the region: I-40, I-17, US 89, US 89a, B40, and US 180. ADOT has an IGA with the City of Flagstaff for maintenance of street lights and sidewalks. Their annual maintenance budget for the District, which greatly exceeds the boundaries of the FMPO, is \$12,000,000. This budget has been trending down in recent years and only recently returned to FY 2008 levels.

The City of Flagstaff is responsible for the following federal aid eligible roads in the region: Butler Avenue, Huntington/Industrial, Locket/Cedar/Forest, Linda Vista, F40, US 89 N (within the city limits), Fourth Street, Lake Mary Road, Woodlands Village Boulevard, Beulah Boulevard, J.W. Powell Boulevard, Lone Tree Road, Switzer Canyon Drive, San Francisco Street, Beaver Street, West Street, Country Club Drive, Continental Drive, and many minor collectors. Their annual Street Maintenance budget is \$4,047,000, 65% of which is for personal services. This budget has been trending flat in recent years.

Coconino County also extends well beyond the MPO's 525 –square mile area. Major roads within the region under the County's jurisdiction are Lake Mary Road, Townsend-Winona Road, Leupp Road, Silver Saddle Road, Koch Field Road, Stardust Trail, Campbell Avenue, Copeland Avenue, Kachina Village Boulevard, Mountaineer Road and many rural minor collectors. The entire Public Works budget for FY 2011 is \$27,821,000. 20% is for road maintenance, 22% for highway equipment services and 23% for capital projects (not limited to roads). This budget has been relatively flat in recent years, though loss of HURF funds is starting to have a negative impact.

FLAGSTAFF METROPOLITAN PLANNING ORGANIZATION  
FY 2012 - 2016 TRANSPORTATION IMPROVEMENT PROGRAM

ADOT ACCEPTANCE

Arizona Department of Transportation



Signature

Jennifer Toth  
Printed Name

ADOT MPD Director  
Title

07/06/2011  
Date