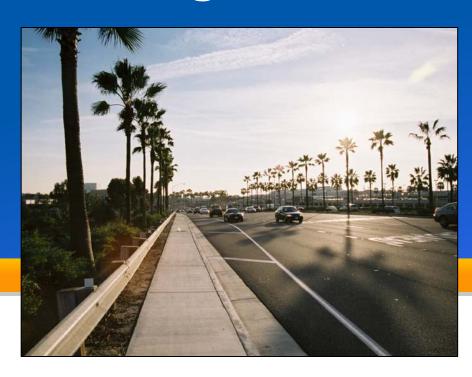
Arterial Pavement Management Program (APM)



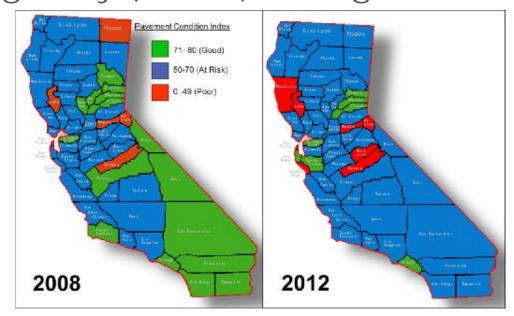
Call for Projects
Workshop Presentation

Program Overview

- Addresses pavement maintenance in Orange County
- Provides cost effective treatments

 Funds pavement preservation, rehabilitation, and/or reconstruction projects on the Master Plan of Arterial Highway (MPAH) throughout

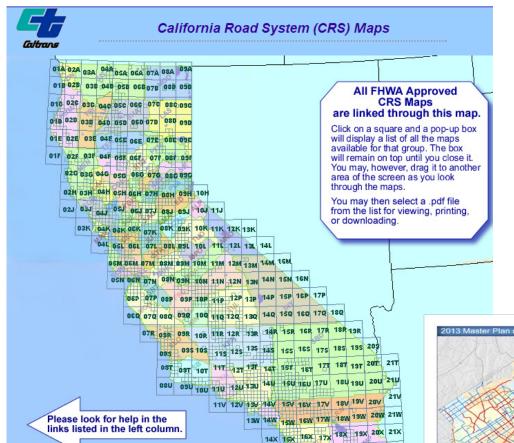
Orange County



Program Funding

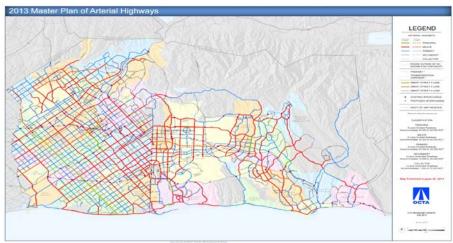
- Regional Surface Transportation Program (RSTP) funds
 - Approximately \$20 million available for FY 2015/16
 - Minimum of \$250,000 and maximum of \$500,000 per application
 - Requires a dollar for dollar match (50%) in construction
- Advanced to FY 2014/15 on a case by case basis
- If a City receives funding for multiple projects, Federal funding may be combined to consolidate the federal process into 1 project.

Eligible project map



15Y 16Y 17Y 18Y 19Y 20Y 21Y

Master Plan of Arterial Highway roadways and roadways in the California Road System http://www.dot.ca.gov/hq/tsip/hseb/crs_maps/



Eligible Projects & Applicants

 Pavement preservation/preventative maintenance; rehabilitation; reconstruction

- 35 local agencies (cities and County of Orange)
- Multiple applications are <u>allowed</u>
 - NOTE: Applications <u>beyond the first two</u> are placed on a separate stand-by list.

Pavement Preservation/ Preventative Maintenance

Treatments include:

- Slurry seals
- Microsurfacing
- Crack seals

PCI Rating of 60-85



Microsurfacing



Slurry Seal



Crack Seal

Rehabilitation





Treatments include:

- Thin overlays (60-74)
- Thick/Structural(41-59)
- Overlays
- Cold In-Place Recycling
- Hot In-Place Recycling

PCI Rating of 41-71

Reconstruction

- Replacement of the equivalent or increased pavement structure
- Utilizing either new or recycled materials

PCI Rating of 0-41





Program Timeline

Task Description	Milestone Date
Proposal Submittal Date @ 4 pm	9/26/14
Technical Steering Committee Meeting and Technical Advisory Committee Meeting	11/12/14
Regional Planning & Highways Committee	1/5/15
Board Meeting/Approval	1/12/15



Project Selection

Project selection is based on the following criteria:

- Facility Usage determined by Average Daily Travel or ADT (10)
- Cost Effectiveness (10)
- The Local agency's contribution to the project or match (10)
- Agency Designated Priority Project (30)
- On Street Bikeway existing bikeway or inclusion of new bike lanes (3)

Project Selection (2)

Project selection is based on the following criteria:

- Pavement Condition Index different types of pavement treatments will be allowed at different levels based on the current condition of the pavement. (10)
- Project Readiness projects that have completed some design will be prioritized. (5)
- Project Features preventive maintenance treatments will be ranked higher than reconstruction. (10)
- Sustainability use of recycled materials(5)
- Bus or truck route (7)

Scoring Criteria

Point Breakdown for APM Projects Maximum Points = 100									
		·	via XIIII aii	11 1 01110	_ 100				
ility Usage		Points	10	Loca	l Relevan	^a	Points	48	
	Daily Travel (ADT)	Tomics	10			signated Priority Project?	points	30	
Range	Daily Traver (ADT)	points	10		es es	Signated Friority Froject:	politis	30	
	thousand	points	10		Vo			0	
	thousand		9	<u>'</u>	10				
	thousand		8		On Street E	likew av 2	points	3	
	thousand		7		es es	incw dy !	politio	3	
	thousand		6		No.			0	
	thousand		5	'	40			- 0	
	thousand		0		Dayomont (Condition Index (PCI)	points	10	
10	lilousaliu		0)-40	whatton index (FG)	politis	5	
st Effective	2000	Points	20		11-59			7	
	efit (Total \$/ADT)	Folits	20		60-85			10	
Range	in (Total \$/ADT)	points	10		00-00			10	
<5		points	10		Project Rea	dinocc	points	- 5	
5 - 10			9		Design Con		politis		
11 - 16			8		esigii coii es	piete r		5	
17 - 21			7		No.			0	
22 - 26			6	'	NO.			0	
27 - 31			5	Synta	em Signif	iconoc	Points	22	
32 - 36			4		roject Fea		Foints	10	
37 - 41			3		Road Reco			5	
42 - 46			2		Road Rehal			10	
47 - 50			1			Maintenance		10	
>50			0	ŀ	-avement i	viaintenance		10	
>50			U		N 4 . i la ili	<u>.</u>			
Matabiaa		inet enet)			Sustainabili	ycled Material?		5	
	Funds (local match/pro		10			ycied iviateriai?			
Range > 71 %		points	10		res No			5 0	
70 - 71 %			9	l l	NO.			U	
68 - 69 %			8		Bus or Truc	k Doute		-	
						.k Roule		7	
66 - 67 %			7		/es			0	
64 - 65 %			6	P	V O			0	
62 - 63 %			5						
60 - 61 %			4						
58 - 59 %			3						
56 - 57 %			2						
53 - 55 %			0	Gran	d Total			100	

Provisions of timely use of funds

- Federal Transportation Improvement Program (FTIP)
- Submit Authorization to Proceed (E-76 request)
- Contract award within six months of obligation of funds
- Semi-annual project status reports and cooperative agreements are required
- Invoice Caltrans every 6 months (at minimum)
- Approved Cooperative Agreement (Attachment C) and Agency Resolution are required
- Must follow all Federal requirements

Federal Requirements

Selected projects must comply (where applicable) with provisions of the following:

- CEQA & NEPA
- Americans with Disabilities Act (ADA)
- Title VI of the Civil Rights Act of 1964
- Disadvantaged Business Enterprise (DBE)
- Buy America provision
- FHWA RSTP Guidance
- Caltrans Local Assistance Procedures Manual (if applicable)
- Any other federal, state, and/or local laws, rules and/or regulations.

Master Agreements with Caltrans

- Any local agencies who have requested federal and/or state funds through the Office of Local Assistance are covered by a Master Agreement (MA).
- To supplement the MA, a Program Supplement will need to be executed for each project upon local's request.
- This agreement covers project specific rules and regulations
- Delegated Authority for Master agreements and program supplements can be included in City Council resolutions

Application - General Information (Pg. 1)

Arterial Pavement Management Program (APM) Application Form							
	PART ONE: GENERAL	PROJECT INFORMATION					
		an September 26, 2014 at 4:00 PM					
	••	•					
AGENCY:							
PROJECT LIMITS*:							
	STREET AND LENGTH (LANE MII	LES)					
	START LOCATION (INTERSECTIO	DN)					
	END LOCATION (INTERSECTION)						
ADMINISTRATIVE AG	ENCY APPLICANT	RSTP FUNDS REQUESTED \$ -					
	rson with day-to-day responsibility for	LOCAL MATCH \$ -					
implementing project (Na Name / Title:	me, title, agency, address, phone, email)	TOTAL PROJECT COST \$ -					
Agency:		Project is a stand alone project.					
Address:		Project is part of a larger project. Total Project Cost (if part of a larger					
Phone: Email:		project; round dollars to nearest thousands)					
	me, title, agency, address, phone, email)						
Name / Title:	ine, title, agency, address, phone, eman)						
Agency:							
Address:							
Phone:							
Email:							
PROPOSED SCHEDULE:		D					
Project Study Report App	proved	<u>Date</u> 					
Begin Environmental (PA	&ED) Phase						
Circulate Draft Environme	ental Document						
Draft Project Report							
End Environmental Phase							
Begin Design Phase (PS&							
	y to List for Advertisement Milestone)						
Begin Right of Way Phas							
	(Right of Way Certification Milestone)	-					
	e (Contract Award Milestone) (Construction Contract Acceptance Miles	utono)					
Begin Closeout Phase	(Construction Contract Acceptance Miles						
End Closeout Phase (Close	seout Report)						
* for multi-segment proje	cts provide individual ADT and PCI in sc	ope					

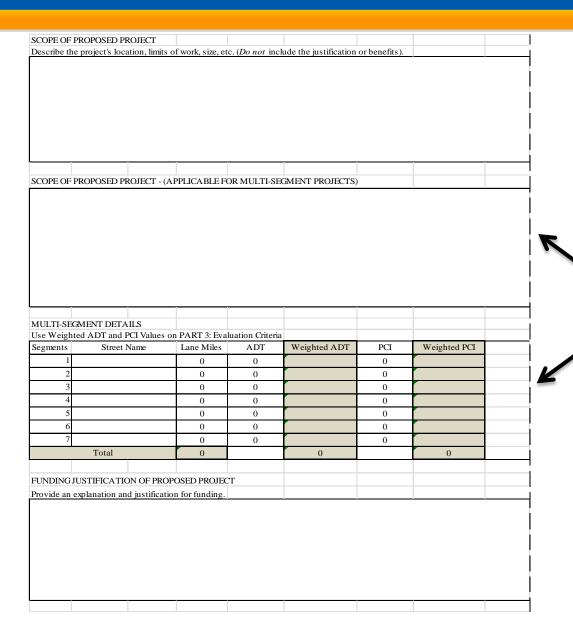
Project Information

Funds Requested

Agency Contact

Project Schedule

Application - Project Scope (Pg. 2)



Scope Description

Note: Only <u>applicable</u> if there are more than 1 segment on the project.

Funding Justification

Application - Project Funding (Pg. 3)

	<u>P</u>	ART TWO	: FUNDING	<u>G</u>		
Contact:			Phone:			
A			Fara II.			
Agency:	1		Email:			
PROJECT COMPONENT COS	TS					
PRELIMINARY ENGINEERIN	IG PHASE:					
Construction Documents				\$ -		
Environmental Documents				\$ -		
TOTAL PRELIMINARY EN	GINEERING			\$ -		
RIGHT-OF-WAY PHASE (AC	CQUISITION):					
Capital				\$ -		
Support Costs				\$ -	-	
TOTAL RIGHT-OF-WAY				\$ -		
CONSTRUCTION DIVERS						
CONSTRUCTION PHASE:						
Construction Contract Items	S			\$ -	-	-
Contingencies				\$ -	-	-
Construction Engineering				\$ -	-	
TOTAL CONSTRUCTION				\$ -	_	
TOTAL PROJECT COST				\$ -	-	
TOTAL PROJECT COST				<u> </u>		
LOCAL FUNDING SHARE DEI	AIL					
	Fiscal Year	APM RSTP	Match	Total Cost	Total Cost ¹	Percent Match
			(50% or more)		Total Cost	
Construction		\$ -	\$ -	\$ -	\$ -	0.0%
TOTAL	FY	\$ -	\$ -	\$ -	\$ -	0.0%
TOTAL	1.1	φ -	φ -	9 -	φ -	0.070
1. Fill in only when APM project is a	a segment or phase	e of a larger projec	t, not a stand-alone	project.		
SOURCE(S) OF MATCH						
(spell out; no acronyms)						
(spen out, no actoryns)						
		Construction				
MAINTENANCE (The project m	ust be maintained	l in a functional a	nd operational m	anner as its inte	nded purpose fo	or the expected
life cycle for the type of project.	If it is not mainta	nined in such a ma	anner, reimburser	ment of all or a p	ortion of the AI	PM funds may be
required. With the exception of	up to 3 years of f	unds for establish	hing landscaping	, maintenance co	osts are ineligib	le for RSTP
funds and must be funded locally	y.)					
V	Vho will maintain	?				
What is the source of ma	intenance funds	2				
		-		intaint Direction	. f	
If project is within Caltrans Right	t-or-way applica	tion, must be sigi	nea by Deputy D	Istrict Director, I	viaintenance	
DDD Maintenance				Date		
222 Maintenance				Date		

Project Costs

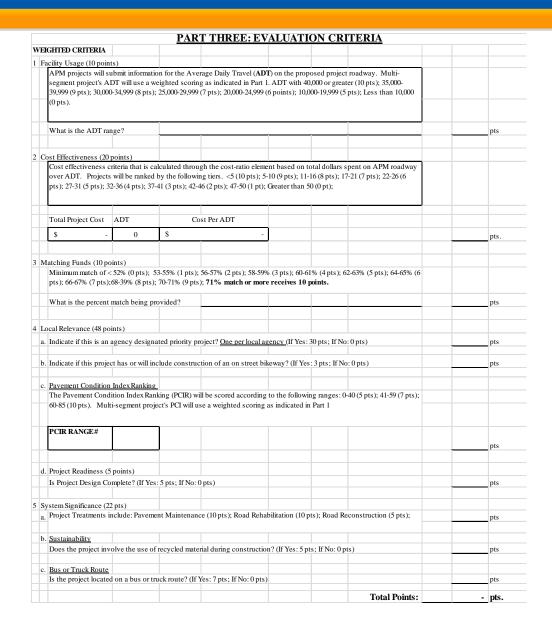
Local Match

Application – Direct Item Costs (Pg. 4)

	Description	Unit	Quantity	Unit Price	Amount
				\$ -	\$ -
					\$ -
	DIRECT COST				\$ -
TOTAL I	PROJECT COST				\$ -

List each Item Cost

Application - Evaluation Criteria (Pg. 5)



Facility Usage

Cost Effectiveness

Matching Funds

Local Relevance

System Significance

Application - Certification & Assurances (Pg. 6)

This page must be signed in order for the project to be considered for funding. (APPLICANT AGENCY) Prossesses legal authority to nominate this arterial pavement management project, provide sufficient local match, and to finance, acquire, and construct the proposed project; and by formal action (e.g., a resolution) the Implementing Agency's governing body authorizes the nomination of the arterial pavement management project, including all understanding and assurances contained therein, and authorizes the person identified as the official representative of the Implementing Agency to act in connection with the nomination and to provide such additional information as may be required. (APPLICANT AGENCY) Will maintain and operate the property acquired, developed, rehabilitated, or restored for the life of the resultant facility(sies) or activity. With the approval of the OCTA, the Implementing Agency or its successors in interest in the property may transfer the responsibility to maintain and operate the property. (APPLICANT AGENCY) Will give the OCTA representative access to and the right to examine all records, books, papers, or documents related to the arterial pavement management project. (APPLICANT AGENCY) Will comply where applicable with provisions of the California Environmental Quality Act, the Americans with Disabilities Act, Title VI and Disadvantaged Business Enterprise (DBB), Buy America provision, the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation, Federal Highways Administration Regional Surface Transportation Program Guidance, Caltrans Local Assistance Procedures Manual, if applicable, any other federal, state, and/or local laws, rules and/or regulations. If Regional Surface Transportation Program funds or projects are used for other than the intended purposes as defined by federal or state guidelines, the implementing agency may be required to remit all federal funds back to the OCTA. It certify that the information contained in this Arterial									
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PART FOUR: CERTIFICATION & ASSURANCES

Certification & Assurances

Application - Agency Resolution (Pg. 7)

PART FIVE: AGENCY RESOLUTION WHEREAS, the (ADMINISTERING AGENCY) is responsible for preparing and submitting all necessary Caltrans-required SAMPLE AGENCY RESOLUTION REOUESTING FUNDS FOR APPROVED PROJECT documentation include E-76 request. (ADMINISTERING AGENCY) agrees to submit an E-76 Request to Caltrans District 12 RESOLUTION MUST BE RECEIVED BY OCTA NO LATER THAN THE DECEMBER 31, 2014. by February 1 of the fiscal year identified RESOLUTION NO. WHEREAS, the (ADMINISTERING AGENCY) will comply where applicable with provisions of the California Environmental Quality Act, the National Environmental Policy Act, the American with Disabilities Act, Federal Title VI, Disadvantaged A RESOLUTION OF THE CITY COUNCIL/BOARD OF DIRECTORS OF THE CITY/COUNTY OF Business Enterprise (DBE), Buy America provision, and any other federal, state, and/or local laws, rules and/or regulations; AUTHORIZING APPLICATION FOR FUNDS FOR THE ARTERIAL PAVEMENT MANAGEMENT PROGRAM FUNDED WITH REGIONAL SURFACE TRANSPORTATION PROGRAM FUNDING UNDER WHEREAS, the (ADMINISTERING AGENCY) 's (GOVERNING BODY) authorize the execution of any necessary THE MOVING A HEAD FOR PROGRESS IN THE 21ST CENTURY FEDERAL TRANSPORTATION ACT FOR (NAME OF cooperative agreements between the (ADMINISTERING AGENCY) and OCTA to facilitate the delivery of the project. PROPOSAL) PROJECT. NOW, THEREFORE, BE IT RESOLVED that the City/County of , hereby authorizes (NAME OF WHEREAS, the United State Congress enacted the Moving Ahead for Progress in the 21st Century (MAP-21) Federal AGENCY REPRESENTATIVE) as the official representative of the (ADMINISTERING AGENCY) to apply for the Regional Transportation Act on July 6, 2012, which makes Regional Surface Transportation Program funds available to the Orange Surface Transportation Program funding under the Moving Ahead for Progress in the 21st Century Federal Transportation Act County Transportation Authority (OCTA); and for (NAME OF PROPOSAL) WHEREAS, OCTA has established the procedures and criteria for reviewing proposals; and BE IT FURTHER RESOLVED, that the City/County of agrees to fund its share of the project costs and any additional costs over the identified programmed amount. WHEREAS, (ADMINISTERING AGENCY) possesses authority to nominate projects funded using Regional Surface Fransportation Program funding, provide sufficient local match, and to finance, acquire, and construct the proposed project; Signed Mayor WHEREAS, by formal action the (GOVERNING BODY) authorizes the nomination of (NAME OF PROPOSAL), including all understanding and assurances contained therein, and authorizes the person identified as the official representative of the Printed (Name and Title) (ADMINISTERING AGENCY) to act in connection with the nomination and to provide such additional information as may be required; and WHEREAS, the (ADMINISTERING AGENCY) will maintain and operate the property acquired, developed, rehabilitated, or Signed restored for the life of the resultant facility(ies) or activity; and Clerk Recorder WHEREAS, with the approval of the California Department of Transportation (Caltrans) and/or OCTA, the (ADMINISTERING AGENCY) or its successors in interest in the property may transfer the responsibility to maintain and Printed (Name and Title) operate the property; and WHEREAS, the (ADMINISTERING AGENCY) will give Caltrans and/or OCTA's representatives access to and the right to examine all records, books, papers or documents related to the arterial pavement management project; and WHEREAS, the (ADMINISTERING AGENCY) will cause project work to commence within six months following notification

from the State or OCTA that funds have been authorized to proceed by the Federal Highway Administration and that the

DOLLAR VALUE) in OCTA RSTP funds for a total project cost estimated to be (TOTAL PROJECT COST).

WHEREAS, the (<u>ADMINISTERING AGENCY</u>) commits (<u>MATCH DOLLAR VALUE</u>) of (<u>MATCHING FUND SOURCE</u>) and will provide (<u>PERCENT LOCAL AGENCY MATCH</u>) of the total project cost as match to the requested (<u>REOUESTED RSTP</u>

project will be carried to completion with reasonable diligence; and

Complete & Sign

Application - Coop. Agreement (Pg. 8)

his page must b								
	e signed in	order for ti	he project t	o be conside	ered for fund	ing.		
					rterial Paver	nent Mainte	enance Progr	am cooperative agreen
emplate and has	determined	that the co	operative ag	greement is:				
Sufficient and	meets the	expectations	of the Proj	ect Implemer	nting Agenc	y. No furth	er changes n	ecessary.
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Please list and ex	plain:							
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Arterial Pavemen	t Maintena	nce Program	cooperativ	e agreement	will be final	zed and eye	cuted betwe	en Project Implementin
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Cooperative Agreement Review

Application - Check List (Pg. 9)

	CHECK LIST A	ND E	VALUATION CRITERIA	
h	eck list of Application Items (check all it	tems in	uded in this package)	
	Application (Part 1 - 3)			
	Cover Letter			
	Table of Contents			
	3 Copies			
	PART 1 - General Project Information			
	PART 2 - Funding			
	PART 3 - Evaluation Criteria			
	PART 4 - Certification & Assurances			
	PART 5 - Agency Resolution			
Γ	PART 6 - Cooperative Agreement Concurrenc	e		
Γ	Signed Final Resolution (when available)			
	Environmental Documentation			
	Project Site Maps/Photos			
Γ	Design / Concept Drawing			
	30 Pages Maximum			
Ξv	aluation Criteria and Point Distribution			
+	Weighted Criteria	Points	Percentage	
Ť	Facility Usage	10	10%	
	Cost Effectiveness	20	20%	
	Local Relevance	48	48%	
	System Significance	22	22%	
+	Total	100	100%	

Please make sure every item is complete!

Contact Information

OCTA Staff:

- Ben Ku,
 - Senior Transportation Funding Analyst
 - (714) 560-5473, <u>bku@octa.net</u>
- Adriann Cardoso
 - Capital Programming Manager
 - (714) 560-5915, <u>acardoso@octa.net</u>

Questions?

Applications due 4:00

Friday, September 26,2014

Webpage:

http://www.octa.net/APMcall.aspx

Contains the electronic version of the guidelines and application