

**2022 MEASURE M2 CTFP
(PROJECTS O & P)
CALL FOR PROJECTS (CALL)
WORKSHOP**

WEDNESDAY, AUGUST 18, 2021



INTRODUCTION AND OVERVIEW

- **Purpose of Workshop – Overview of 2022 CTFP Call Process**
- **Agenda:**
 - ❖ 2022 Call Schedule
 - ❖ 2022 Guidelines and Resources
 - ❖ Application Overview
 - ❖ 2022 Project O Call
 - ❖ 2022 Project P Call
 - ❖ Application Submittal
 - ❖ Q&A

2022 CTFP CALL SCHEDULE

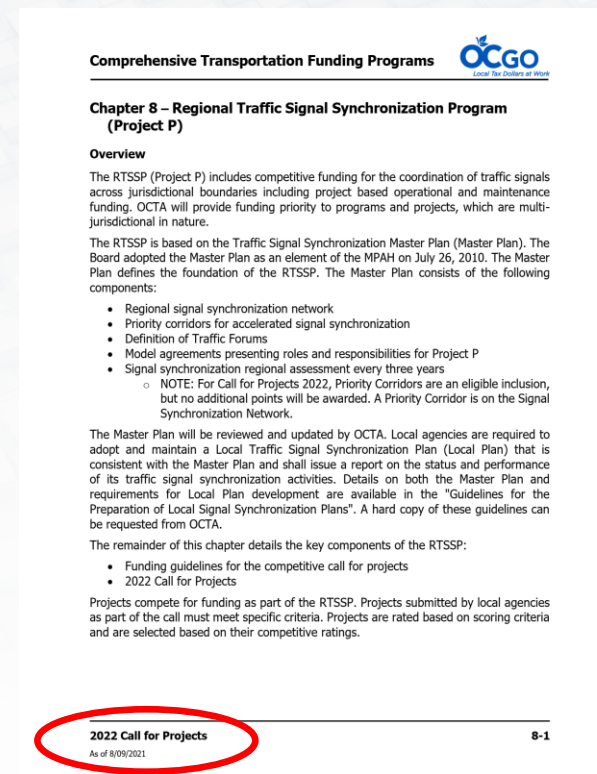
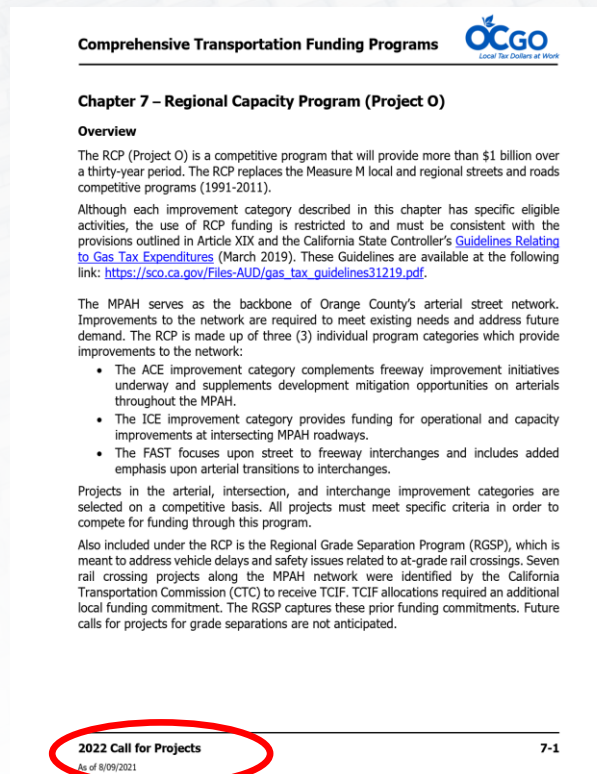
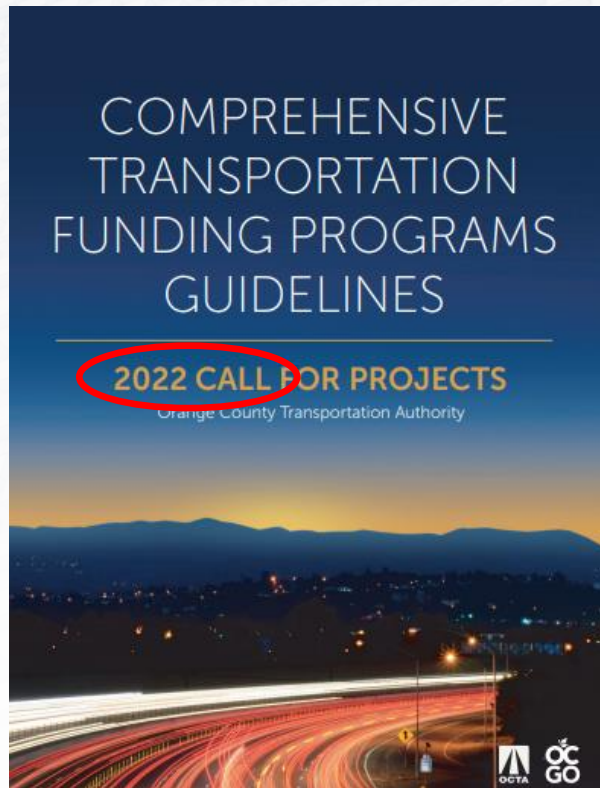
- Call Issued: August 9, 2021
- Pre-Application Consultations: Now - Thursday, Oct. 21, 2021 at 5:00pm
- Applications Due: **Thursday, Oct. 21, 2021 at 5:00pm**
- Qualitative Reviews: Nov. 2021/Jan. 2022
- Local Agency Coordination: Nov./Dec. 2021 – Feb. 2022
- Funding Recommendations by Spring, 2022

***Please note:** Alternative Analysis (HCM) Methodology and New Facilities must be modeled through OCTAM and requests must be submitted to OCTA by September 9, 2021*

2022 CTFP GUIDELINES AND RESOURCES

CTFP Guidelines (2022 Edition) : <https://www.octa.net/pdf/CTFPGuidelines2022.pdf>.

- Reviewed and approved by OCTA TSC and TAC (April 2021) and OCTA RP&H and Board (August 2021)
- Provides checklist and application requirements: Supplemental information, checklists, and resolution templates are provided in Chapter 7 (ACE, ICE, & Fast) and Chapter 8 (RTSSP)



2022 CTFP GUIDELINES AND RESOURCES

Project O (RCP) Webpage:

<http://www.octa.net/Projects-and-Programs/Plans-and-Studies/Funding-Programs/Call-for-Projects/CTFP-Calls-for-Projects/Regional-Capacity-Program/>

Regional Capacity Program (Project O)

On August 9, 2021, the Orange County Transportation Authority's (OCTA) Board of Directors (Board) authorized staff to issue calls for projects (call) for the Comprehensive Transportation Funding Program's (CTFP) Regional Capacity Program (RCP) and Regional Traffic Signal Synchronization Program (RTSSP). The CTFP is the mechanism by which OCTA administers competitive funding for streets and roads projects. OCTA is pleased to announce that the 2022 Project O and P calls under Measure M (M2) are now open.

Regional Capacity Program (Project O)

Approximately \$32 million in M2 funds will be available through the RCP (Project O) for Arterial Capacity Enhancements, Intersection Capacity Enhancements, and Freeway Arterial/Street Transitions.

For all construction projects awarded CTFP funds in excess of \$500,000 and/or exceeding a 90-day construction period schedule, the local agency shall install and remove signage in accordance with OCTA specifications during the construction period. For signage specifications, click [here](#).

Funding applications must be submitted via the OCFundtracker online system and followed up with the submittal of three unbound hard copies. Both the hard copies, as well as the online applications, are due to OCTA no later than 5:00 p.m. on Thursday, October 21, 2021. Please refer to the CTFP guidelines for other deadlines regarding modeling and/or additional traffic analysis requests.

2022 CTFP Call Workshop

OCTA invites all interested applicants to attend the **2022 CTFP Call Workshop on Wednesday, August 18, 2021 from 10:00 – 12:00 noon via zoom.**

[RSVP CTFP CALL WORKSHOP >](#)

CTFP Guidelines

The Board approved revised CTFP Guidelines are available online and can be found [here](#).

Project P (RTSSP) Webpage:

<http://www.octa.net/Projects-and-Programs/Plans-and-Studies/Funding-Programs/Call-for-Projects/CTFP-Calls-for-Projects/Regional-Traffic-Signal-Synchronization-Program/>

Regional Traffic Signal Synchronization Program (Project P)

On August 9, 2021, the Orange County Transportation Authority's (OCTA) Board of Directors (Board) authorized staff to issue calls for projects (call) for the Comprehensive Transportation Funding Program's (CTFP) Regional Capacity Program (RCP) and Regional Traffic Signal Synchronization Program (RTSSP). The CTFP is the mechanism by which OCTA administers competitive funding for streets and roads projects. OCTA is pleased to announce that the 2022 Project O and Project P calls under Measure M2 (M2) are now open.

Regional Traffic Signal Synchronization Program (Project P)

Approximately \$8 million in M2 funds will be made available for the RTSSP call. Proposed RTSSP projects are required to complete (and include with their application package) a supplemental application, which is subject to change and updated for each call, please click [here](#) for the latest [2022 Project P Supplemental Application](#) and [related instructions](#).

Submittal Deadline

Funding applications must be submitted via the OCFundtracker online system and followed up with the submittal of three unbound hard copies. Both the hard copies, as well as the online applications, are due to OCTA **no later than 5:00 p.m. on Thursday, October 21, 2021.**

2022 CTFP Call Workshop

OCTA invites all interested applicants to attend the **2022 CTFP Call Workshop on Wednesday, August 18, 2021 from 10:00 – 12:00 noon via zoom.**

[RSVP CTFP CALL WORKSHOP >](#)

CTFP Guidelines

The Board approved revised CTFP Guidelines are available online and can be found [here](#).

APPLICATION OVERVIEW

OCfundtracker – all online applications are submitted through the OCfundtracker portal: <https://ocfundtracker.octa.net/login.asp>

MAIN MENU CHANGE PASSWORD | LOGOUT | OCTA | SCAG

OCTA Orange County Transportation Authority

Existing OCfundTracker users
Enter your username and password to sign in

USERNAME:

PASSWORD:

Remember my username on this computer

LOGIN

NEW TO OCfundTracker? FORGOT YOUR PASSWORD? [CLICK HERE](#)

CONTACT [OCTA](#) 8,229.35s EMAIL OCFUNDTRACKERHELP@ECOINTERACTIVE.COM

To Create a New Application:
Login>CTFP Database>Call for Projects>Create New Application

MAIN MENU CHANGE PASSWORD | LOGOUT | OCTA | SCAG

OCTA Orange County Transportation Authority

PLEASE SELECT DATABASE

- FTIP (Effective until 8/2/19, new FTIP link [HERE](#))
- CTFP
- WATER
- CIP

CONTACT [OCTA](#) 0.02s EMAIL OCFUNDTRACKERHELP@ECOINTERACTIVE.COM

MAIN MENU CHANGE PASSWORD | LOGOUT | OCTA | SCAG

OCTA Orange County Transportation Authority

2021 CTFP GUIDELINES [\(Show Old Posts\)](#)

ADMIN MAIN MENU

SEARCH FOR PROJECTS (CTFP)
[EDIT PRIOR FY PAYMENTS](#)

AGENCY WORKING AREA

CALL FOR PROJECTS	SEMI-ANNUAL REVIEW CTFP
APPLICATIONS IN PROGRESS (4)	0 CTFP REVIEW IN PROGRESS

[ADD PAYMENT](#)
[3 PAYMENTS IN PROGRESS](#)

CONTACT [OCTA](#) 0.14s EMAIL OCFUNDTRACKERHELP@ECOINTERACTIVE.COM

MAIN MENU CHANGE PASSWORD | LOGOUT | OCTA | SCAG

OCTA Orange County Transportation Authority

CTFP CALL FOR PROJECTS

[CREATE NEW APPLICATION](#)

CONTACT [OCTA](#) 0.14s EMAIL OCFUNDTRACKERHELP@ECOINTERACTIVE.COM

APPLICATION OVERVIEW

Upload large electronic files through OCFundtracker application for each funding request

The screenshot displays the OCFundtracker application interface for project 19-OCTA-TSP-3941. The top navigation bar includes links for 'MAIN MENU', 'CHANGE PASSWORD', 'LOGOUT', 'OCTA', and 'SCAG'. The header identifies the user as 'Amy Tran' and the project as '19-OCTA-TSP-3941'. A summary table shows CTFP total allocations of \$1,143,978.00, total project costs of \$1,100,070.00, and a match rate of 0.20. The project status is 'Planned' with a board approval date of 06/10/2019. Two red circles highlight the 'NEW / UPLOAD PROJECT DOCUMENTS' link and the 'PERFORMANCE MEASURES' link. The 'ADMINISTRATIVE EDIT' section contains fields for call for projects, project number, application number, program ID, IFA, contract number, match rate, calc status, project status, and status comment. The 'PROJECT INFORMATION' section includes improvement type, implementing agency, project manager, phone, email, project title, and project description. The 'GENERAL QUESTIONS' section contains CTFP questions regarding funding and local synchronization plans.

APPLICATION NUMBER:	19-OCTA-TSP-3941	CTFP TOTAL ALLOCATIONS:	\$1,143,978.00	TOTAL PROJECT COST:	\$1,100,070.00
PROJECT ID:	CP-3526	CTFP TOTAL PAYMENTS:	\$0.00	MATCH RATE:	0.20
VERSION:	3	STATUS:	Planned	BOARD APPROVAL DATE:	06/10/2019

ADMINISTRATIVE EDIT

CALL FOR PROJECTS: 02-03-20.1 - SMR | PROJECT NUMBER: 19-OCTA-TSP-3941 | APPLICATION NUMBER: 19-OCTA-TSP-3941 | PROGRAM ID: TSSP - Traffic Signal Synchronization Progr

IFA: SPF27-P57 | CONTRACT #: | MATCH RATE: 0.2 | CALC STATUS: Planned | PROJECT STATUS: Planned | STATUS COMMENT:

PROJECT INFORMATION

IMPROVEMENT TYPE: TSSP - Traffic Signal Synchronization Program | IMPLEMENTING AGENCY: Orange County Transportation Authority (OCTA)

CONG DISTRICT: | SUP DISTRICT: | SENATE DISTRICT: | ASSEMBLY DISTRICT: | PROJECT MANAGER: Alicia Yang | PHONE (10-DIGIT): 7145605362 | EMAIL: ayang@octa.net

PROJECT TITLE: Aliso Creek Road TSSP

PROJECT DESCRIPTION - GUIDELINES: Signal coordination, communications and equipment upgrades on Aliso Creek Road from El Toro Road to Moulton Parkway including Aliso Viejo, Laguna Niguel, Laguna Woods and Caltrans.

SYSTEM: Local Street | ROUTE: | INTERSECTION: NO | LOCAL STREET NAME: Aliso Creek Road | FROM: El Toro Road | TO: Moulton Parkway | MAP

GENERAL QUESTIONS

CTFP QUESTIONS

Is this application on your current approved measure M2 CIP? [NO]

Has your agency previously received CTFP funding for this Application? [NO]

If Yes, When? If No, Type N/A []

Project ID? []

Is this on agency's LOCAL SYNCHRONIZATION PLAN? [YES]

** TSSP PROGRAM RULES:
** If Project is TSSP Program, it should be 20% MINIMUM Match

Examples of Application Attachments:

- ADT Counts
 - LOS Calculations
 - Maps/GIS files
 - Engineering and Environmental Documents
 - Photos
 - Resolution
 - Project Development Documents (Project/Materials Report)
 - Approved Project Construction Plans
 - **Project P (RTSSP) – 2021 Supplemental Application**
 - Cost Estimates
 - Excess ROW Report
 - Other Relevant Materials
- NEW** - Performance Measures Data for Applications
- For ACE, ICE, or FAST (**construction phase only**) total number of proposed operational improvements and proposed project attributes).
 - For RTSSP total number of proposed signals, proposed corridor miles, and other corridor input.

2022 PROJECT O CALL



2022 PROJECT O CALL

Overview:

Provides M2 Project O improvements to the Orange County MPAH along with improvements to help improve intersections and street operations that reduce congestion and increase capacity.

2022 Funding Availability:

- Estimated Amount Available: **\$32M Available**
- Program Period: FY22/23 – FY24/25
- No formal project maximum cost
- Tiered Program (see table)
- 50% Minimum Match
- Match Funding Discounts:
 - 5% Reduction for commitment not to use M2 Net Revenues
 - 10% Reduction for Local Signal Synchronization Plan (LSSP) regional consistency
 - 10% Reduction for Meeting certain Pavement Management Plan (PMP) Criteria

	Category 1 (60%)	Category 2 (40%)
Tier I >=50 points	<ul style="list-style-type: none">• \$0 - \$5 million• Score at least 50 points• Logical, standalone project• Unallocated balance shifts to Tier II for programming	<ul style="list-style-type: none">• \$5+ million request• Score at least 50 points• Logical, standalone project• Unallocated balance shifts to Tier II for programming
Tier II	<ul style="list-style-type: none">• Balance of unallocated funds from Tier I prioritization• Request can be of any dollar value to compete in Tier II• Multiple segments of the same project cannot be submitted under both categories.	

2022 PROJECT O CALL

Categories

Arterial Capacity Enhancements (ACE)

- Arterial improvements including capacity and operational modifications
- Can be corridor based but major intersections may be required to be segregated
- Additional potential project elements may require further eligibility approval from OCTA



Freeway Arterial/Streets Transitions (FAST)

- Transitions from the street to freeway system
- Requires concurrence with Caltrans prior to consideration
- May require separate Cooperative Agreements with OCTA



Intersection Capacity Enhancements (ICE)

- Intersection improvements including capacity and operational modifications
- Value engineering will be required to justify full take acquisitions
- ICU is standard basis for level of service calculation (Page 7-35)
 - HCM or alternative methodology may be considered in consultation with OCTA prior to application submission. **All requests due by September 9, 2021**
 - Must have a minimum existing LOS of "D" (.81 v/c) to qualify for priority consideration



2022 PROJECT O CALL

Phases

- Sequential Programming:
 - Planning Phase (Environmental and Engineering)
 - Implementation Phase (ROW and Construction*)
- Fast Track option available for **limited** project types – Planning and Implementation Phases at same time.
 - Must demonstrate policy variance is necessary
 - Only permitted for projects that do NOT have ROW acquisition

ROW or Construction funding requests **cannot be considered unless project is environmentally cleared at the time of the application*

2022 PROJECT O CALL

Changes to Guidelines – CH.7 Project O (RCP)

General Updates: Call Dates, Deadlines, and Funding Amounts.

Other Notable Changes Include:

- Related to Funding Eligibility and Policies:
 - Modified language related to rough grading; and
 - Grading outside of the roadway ROW not related to a TCE or ROW agreements.
 - Noted that it is generally considered ineligible but can be evaluated by OCTA on a case-by-case basis.
- Related to Application Format:
 - Hardcopies of plans and drawings must be in a minimum size of 11 x 17 inches.

Q & A

Please use the chat or thumbs up icon to ask and promote questions

2022 PROJECT P CALL



2022 PROJECT P CALL

Overview:

M2 Project P funding for multi-agency, corridor-based signal synch throughout Orange County.

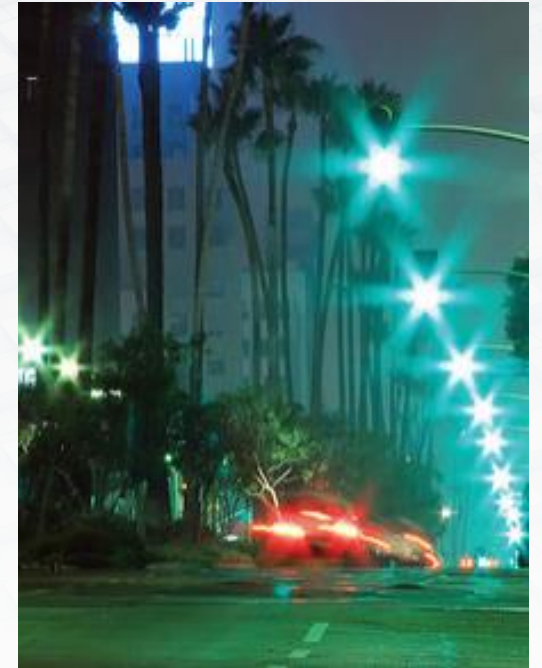
2022 Funding Availability:

- Estimated Amount Available: **\$8M Available**
 - Program Period: FY22/23 – FY24/25
 - 20% Minimum Match
 - \$250k/corridor** mile or \$75k/signal (whichever is higher)
 - Open to Local Agency-led and OCTA-led Applications
- ✓ **Written requests for OCTA-led applications are due September 23, 2021**

Phases

- Primary Implementation and Operations/Maintenance

***Applies to main corridor only*



2022 PROJECT P CALL

Minimum requirements

- ✓ Must be on SSN/MPAH and consistent with LSSP and TSSMP goals

AND

- ✓ One of the following:
 - Multi-jurisdictional and minimum of 20 signals, or
 - Multi-jurisdictional and minimum length of 5 miles, or
 - Include at least 3 local agencies, 8 signals, and density of 4 signals/mile, or
 - Include full length of the corridor

ACRONYMS:

Signal Synchronization Network (SSN)

Master Plan of Arterial Highways (MPAH)

Local Signal Synchronization Plan (LSSP)

Traffic Signal Synchronization Master Plan (TSSMP)

2022 PROJECT P CALL CHANGES

2022 Project P Call

Changes to Guidelines – CH. 8 Project P (RTSSP)

General Updates: Call Dates, Deadlines, and Funding Amounts

Other Notable Changes Include:

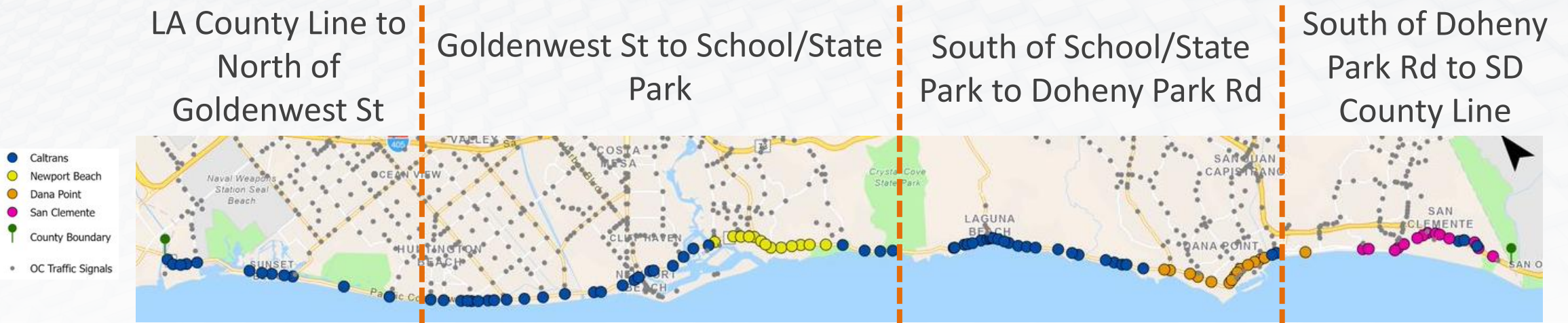
- Scoring changes:
 - Percent of Corridor Being Retimed - PCH
 - OCTA-led projects
 - Retiming of corridor

- Offset signal clarification

2022 PROJECT P CALL

PERCENT OF CORRIDOR BEING RETIMED

For Project P Scoring, PCH corridor can be divided into the following four (4) segments:



If project application spans two or more segments of PCH, “Percent of Main Corridor Being Retimed” will be based upon number of signals in the application divided by total number of signals in applicable segments.

2022 PROJECT P CALL

■ **OCTA as Lead Agency**

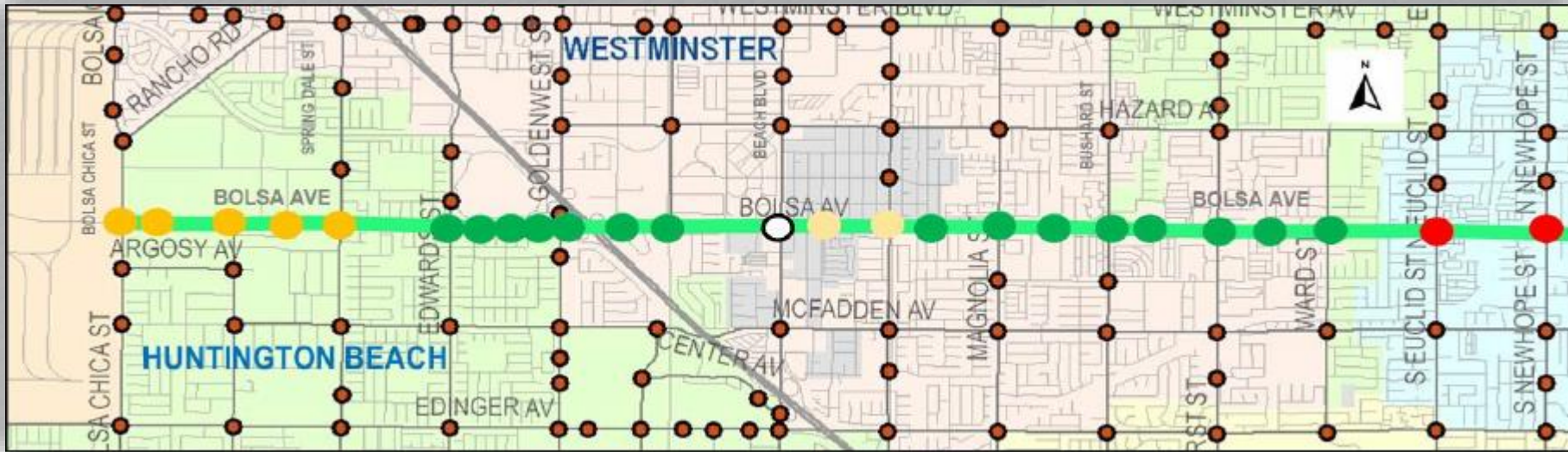
- OCTA as Lead Agency: Applications that designate OCTA as the lead agency are not eligible to claim completion of the primary implementation phase within 12 months of grant execution (5 possible points)
- Retiming of Corridor: Only projects that are re-timing 75% of a previously completed RTSSP project or a prior Measure M Signal Improvement Program funded project are eligible for 5 points

■ **Offset Signals**

- Total possible offset signal counts should be presented to OCTA prior to submittal of application for concurrence, as only offset signals along crossing corridors that are on the MPAH will be counted in this category

SUPPLEMENTAL APPLICATION

SUPPLEMENTAL APPLICATION - SECTION 1.M



LEGEND	
Owning Agency	Offset Intersection
▲ Caltrans (3)	● Irvine (22)
● Irvine (40)	
■ Lake Forest (7)	
— Alton Parkway	

- Do NOT use satellite images
- Clearly show project limits and agency boundaries
- Identify agency signals
- Identify offset signals that are on MPAH



SUPPLEMENTAL APPLICATION - TABLE I

IMPROVEMENTS	ID	ITEM DESCRIPTION	UNIT PRICE (MATERIAL + LABOR)					APPLICABLE DESIGN COST PER UNIT					VENDOR/BRAND & ADDITIONAL NOTES						
			Brea	Placentia	Anaheim	Orange	Santa Ana	Brea	Placentia	Anaheim	Orange	Santa Ana	Brea	Placentia	Anaheim	Orange	Santa Ana		
INTERSECTION	1	EVP (GPS)					\$15,000					\$1,500						GTT Opticom GPS	
	2	Video Detection System			\$30,000		\$30,000			\$3,000		\$3,000						Econolite Autoscope	
	3	Battery Backup System in new cabinet	\$15,000									\$1,500						Clary SP1250 LX, 6 batteries	
	4	ADA Pushbutton Assembly					\$12,000											\$1,200	Polara Navigator IN2
	5	Type II Service					\$10,000											\$1,000	
	6	Type III Service on new foundation	\$15,000									\$1,500							
CONTROLLERS	7	New Controller	\$5,000	\$5,000		\$5,000	\$5,000											Cobalt (no touchscreen) w/EOS	
	8	ATC Engine Board (1-C)			\$2,000														Cobalt (no touchscreen) w/ASC3
CONTROLLER CABINET	9	New Cabinet with New Foundation	\$30,000									\$3,000						Type 332 cabinet	
	10	New Cabinet (Reuse exist foundation)					\$25,000					\$2,500						Type 332 cabinet	
COMMUNICATION UPGRADE	11	CCTV Camera	\$8,000		\$8,000						\$800		\$800					Cohu Rise 4220 PTZ w/analytics	
	12	Pullbox + Conduit sweeps	\$3,000								\$300							Bosch PTZ 7000 Autodome w/analytics	
	13	Conduit Repair			\$100													#6E	
	14	FDU, drop cable, splicing	\$6,000		\$6,000						\$600		\$600					3" Schedule 80	
	15	Fiber In New Conduit	\$5			\$5	\$5				\$1		\$1	\$1				120-SMFO Corning	
	16	Fiber in Existing Conduit			\$10								\$1						96-SMFO Corning
	17	New Conduit	\$60			\$60	\$60				\$6		\$6	\$6				120-SMFO Armored Corning	
	18	Ethernet switch	\$4,000		\$4,000		\$4,000				\$400		\$400	\$400				3" Schedule 80	4" Schedule 80
																		Etherwan EX71802-0VB w/hardened power supply; 2 SFPs 100Mbps	
																		Etherwan EX71802-0VB w/hardened power supply; 4 SFPs (2-Gbps, 2-100Mbps)	

- Fill in **Item Description** to your needs. Delete unused rows.
- Include design cost where applicable.
- Make sure to fill in the **Vendor/Brand and Additional Notes** section with as much detail as possible.
- Be specific with TMC improvements.
- Caltrans fees may be increasing.
- Don't forget SCE fees, SCE conduit, and other permitting fees.

SUPPLEMENTAL APPLICATION - TABLE II

LOCATION	IMPLEMENTING AGENCY	PROJECT CROSS STREETS	RK										SIGNAL IMPROVEMENT COSTS				AGENCY MATCH			NOTES			
			New Conduit	Ethernet switch	Video Mgmt System	ATMS System License	Workstation	Timing Software + Training	AT SPM (3 year subscription + setup)	Caltrans Coop + Fee	Railroad Encroachment Permit	SCE Fees	SCE Conduit	Video Inspection	Design	Construction	Construction Management & Inspection	Contingency	TOTAL		Total Agency Match	Cash	In-Kind
			17	18	19	20	21	22	23	24	25	26	27	28			10%	10%			20.0%		
25	Orange	Riverbend Pkwy/Richland Ave												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
26	Orange	Lincoln Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
27	Orange	Fletcher Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
28	Orange	Meats Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
29	Orange	Grove Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
30	Orange	Orange Olive Road												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
31	Orange	Taft Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
32	Orange	Katella Avenue												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Timing only	
33	Orange	Wilson Ave/Adams Ave												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
34	Orange	Collins Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
35	Orange	Walnut Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
36	Orange	Sycamore Avenue/University Drive												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
37	Orange	Palm Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
38	Orange	La Veta Avenue												\$ -	\$ 5,000.00	\$ 500.00	\$ 550.00	\$ 6,050.00	\$ 1,210.00	\$ 1,210.00			
39	Orange	SR-22 Westbound Ramp*												\$ -	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	\$ 800.00	\$ 800.00		Timing only	
40	Santa Ana	SR-22 Eastbound Ramp*												\$ -	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	\$ 800.00	\$ 800.00		Timing only	
41	Santa Ana	Fairhaven Avenue												\$ 6,700.00	\$ 87,000.00	\$ 8,700.00	\$ 10,240.00	\$ 112,640.00	\$ 22,528.00	\$ 22,028.00	\$ 500.00	Construction mgmt	
42	Santa Ana	Santa Clara Avenue												\$ 6,700.00	\$ 87,000.00	\$ 8,700.00	\$ 10,240.00	\$ 112,640.00	\$ 22,528.00	\$ 22,028.00	\$ 500.00	Construction mgmt	
43	Santa Ana	21st Street												\$ 1,200.00	\$ 17,000.00	\$ 1,700.00	\$ 1,990.00	\$ 21,890.00	\$ 4,378.00	\$ 4,128.00	\$ 250.00	Construction mgmt	
44	Santa Ana	17th Street												\$ 2,200.00	\$ 42,000.00	\$ 4,200.00	\$ 4,840.00	\$ 53,240.00	\$ 10,648.00	\$ 10,148.00	\$ 500.00	Construction mgmt	
45	Santa Ana	I-5 Northbound Ramp*												\$ -	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	\$ 800.00	\$ 800.00		Timing only	
46	Santa Ana	Santa Ana Blvd/I-5 SB Ramp*												\$ -	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	\$ 800.00	\$ 800.00		Timing only	
47	Santa Ana	Fruit Street	950	1										\$ 15,900.00	\$ 209,000.00	\$ 20,900.00	\$ 24,580.00	\$ 270,380.00	\$ 54,076.00	\$ 53,576.00	\$ 500.00	conduit and fiber from Fruit Street to 6th Street; Construction Mgmt	
48	Santa Ana	6th Street/OC Register												\$ 5,100.00	\$ 56,000.00	\$ 5,600.00	\$ 6,670.00	\$ 73,370.00	\$ 14,674.00	\$ 14,174.00	\$ 500.00	Construction mgmt	
49	Santa Ana	4th Street												\$ 9,200.00	\$ 97,000.00	\$ 9,700.00	\$ 11,590.00	\$ 127,490.00	\$ 25,498.00	\$ 24,998.00	\$ 500.00	Construction mgmt	
50	Santa Ana	1st Street												\$ 3,500.00	\$ 35,000.00	\$ 3,500.00	\$ 4,200.00	\$ 46,200.00	\$ 9,240.00	\$ 8,990.00	\$ 250.00	Construction mgmt	
	Brea	TMC Improvements				1		1	1					\$ -	\$ 335,000.00	\$ 33,500.00	\$ 36,850.00	\$ 405,350.00	\$ 81,070.00	\$ 81,070.00			
	Placentia	TMC Improvements					1	1						\$ -	\$ 17,000.00	\$ 1,700.00	\$ 1,870.00	\$ 20,570.00	\$ 4,114.00	\$ 4,114.00			
	Orange	TMC Improvements				1				1				\$ -	\$ 85,000.00	\$ 8,500.00	\$ 9,350.00	\$ 102,850.00	\$ 20,570.00	\$ 20,570.00			
	Santa Ana	TMC Improvements					1				5	1		\$ -	\$ 2,000.00	\$ 200.00	\$ 220.00	\$ 2,420.00	\$ 484.00	\$ 484.00			
QUANTITY TOTAL =			1600	7	1	1	2	2	1	5	1	5	5	1	SIGNAL IMPROVEMENT TOTAL =			\$ 2,051,480.00	\$ 410,296.00	\$ 401,996.00	\$ 8,300.00		

SUPPLEMENTAL APPLICATION - SECTION 4

Brea	Agency	Caltrans	Offset	Total			
Number of Signals:	5	1	0	6			
Project Tasks (Brea)				Cost / Int	Total Cost	Match	
						Cash	In-Kind
Task 1: Project Management - PI Phase				\$ 1,000.00	\$ 6,000.00	\$ 1,200.00	
Task 2: Data Collection				\$ 2,500.00	\$ 15,000.00	\$ 3,000.00	
Task 3: System Design and Construction				-	\$ 714,380.00	\$ 142,876.00	\$ -
Task 4: Signal Timing Optimization and Implementation				\$ 5,000.00	\$ 30,000.00	\$ 6,000.00	
Task 5: Project Report				\$ 500.00	\$ 3,000.00	\$ 600.00	
Task 6: Project Management - O&M Phase				\$ 750.00	\$ 4,500.00	\$ 900.00	
Task 7: Continuing Support				\$ 1,800.00	\$ 10,800.00	\$ 2,160.00	
Task 8: Final Technical Memorandum				\$ 250.00	\$ 1,500.00	\$ 300.00	
PI M2 Request:		\$ 614,704.00	Total Project Cost:		\$ 785,180.00	\$ 157,036.00	\$ -
O&M M2 Request:		\$ 13,440.00	Total M2 Request:		\$ 628,144.00	Total Match:	\$ 157,036.00

MAX BUDGET CAP BY SIGNALS	\$	450,000.00
	\$	(178,144.00)
AGENCY MATCH (min 20%)	20.00%	

Means over individual budget cap

- Agency Name can be selected from drop-down menu
- Number of signals must include Caltrans regardless of cooperative agreement
- Cost/Intersection should be the same for all agencies so it will auto-populate after you fill out the first one table
- Added PI and O&M M2 request
- Max budget cap check

SUPPLEMENTAL APPLICATION - SECTION 5 & 6

Section 5:

B. In-Kind Services					
i. Specific Improvements (List items and Cost):					
Agency	Description	Expenditure			
Select a City	N/A				
Total Specific Improvements (i):		\$0.00			
ii. Staffing Commitment:					
Agency	Staff Position	Type of Service to Project	No. of Hours	Fully Burdened Hourly Rate	Total*
Anaheim	Traffic Engineer	Project admin, timing review	20	\$150.00	\$3,000.00
	Signal technician	Timing implementation, 1-C card installation	50	\$120.00	\$6,000.00
	Inspector	Construction inspection and construction mgmt	20	\$120.00	\$2,400.00
	College Intern	Timing implementation, 1-C card installation	50	\$80.00	\$4,000.00
<i>Total for City of Anaheim:</i>					\$15,600.00
Santa Ana	Senior Civil Engineer	Project admin, design & timing review	30	\$140.00	\$4,200.00
	Signal technician	Timing implementation, construction mgmt	50	\$110.00	\$5,500.00
	College Intern	Timing implementation	30	\$80.00	\$2,400.00
<i>Total for City of Santa Ana:</i>					\$12,100.00
Total Staffing Commitment (ii):					\$27,700.00

Agency purchasing equipment regardless of who installs

Agency staff time for performing work, such as installing controllers

Section 6:

- By checking this box, the Applicant Agency, on behalf of all the participating agencies, agree to implement this project within 12 months. **(This means the project will be ineligible for delays and timely use funds extensions. This is not applicable to projects requesting OCTA to lead.)**

2022 PROJECT P CALL - POINTS BREAKDOWN

Transportation Significance		Points: 30
Inclusion of offset signals within 2700'		Points
90% or above		10
50 - 89%		5
< 50%		0
AND		
Vehicle Miles Traveled (VMT)		
Range		Points
250+ thousand		20
200 - 249 thousand		15
150 - 199 thousand		10
100 - 149 thousand		6
50 - 99 thousand		3
0 - 49 thousand		1
Calculation: ADT x segment length (Applies only to coordinated segments of project)		

Number of Jurisdictions		Points: 10
Total Number of Involved Jurisdictions		
Range		Points
5 or more		10
4		8
3		6
2		4
1		0

Current Project Status		Points: 10
Project Status		Point
Re-timing 75% of prior RTSSP project <u>or</u> <u>Measure M Signal Improvement Program</u> <u>funded project</u>		5
Implementation within 12 months		5


1. Transportation Significance (30 points)		
Inclusion of offset signals w/in 2,700'		
# of offset signals on project / total # of offset signals:	0 / 100 = 0.0%	20
Vehicle Miles Traveled (VMT):		338,220 = 20
2. Economic Effectiveness (Cost Benefit Ratio): (15 points)		8
Calculation for Total Project Cost / VMT = \$3,035,428 / 338,220 = 8.97		
3. Project Characteristics: (10 points)		10
<input type="checkbox"/> Timing Only, No Capital	10	
<input type="checkbox"/> Real-time Traffic Actuated Op & Demo Projects	4	<input checked="" type="checkbox"/> New/Upgraded Communications Sys 2
<input checked="" type="checkbox"/> Automated Traffic Signal Perf. Measures	4	<input checked="" type="checkbox"/> Intersection/Field System Modernization 2
<input checked="" type="checkbox"/> Intelligent Cameras	3	<input type="checkbox"/> Minor Signal Operational Improvements 2
<input type="checkbox"/> Detection for ATSPM and counts	3	<input type="checkbox"/> TMC/TOC and Motorist Information 2
<input checked="" type="checkbox"/> Separate Bike/ADA Ped Detection	3	<input type="checkbox"/> New/Upgraded Detection 1
4. Maintenance of Effort (beyond 3 year Grant Period): (5 points)		0
0 (Zero) Years		
5. Project Scale: (20 points)		20
# of signals along entire length of corridor:	60 = 10	
# of signals being synched / total # of corridor signals:	60 / 60 = 100.0%	
		= 10
6. Number of Jurisdictions: (10 points)		10
5 Participating Jurisdiction(s)		
7. Current Project Status (10 points)		5
Yes	Retiming 75% of prior RTSSP or Measure M Signal Improvement Program funded project	= 5
Not	Implementing within 12 months	= 0

Project Scale		Points: 20
Number of Signals on Main Corridor Coordinated by Project		
Range		Points
50+		10
40 - 49		8
30 - 39		6
20 - 29		4
10 - 19		2
< 10		0
AND		
Percent of Main Corridor Signals Being Retimed		
Range		Points
90% or above		10
80 - 89%		8
70 - 79%		6
60 - 69%		4
50 - 59%		2
< 50%		0
Calculation: Number of signals in project divided by total signals in full corridor length.		

Project Characteristics		Max Points: 10
Project Feature		Points
Timing Only, No Capital		10
Adaptive Traffic & Demonstration Projects		4
Automated Traffic Signal Perf. Measures		4
Intelligent Cameras		3
Detection for ATSPM and counts		3
Separate Bicycle/ADA Pedestrian Detection		3
New/Upgraded Communications Systems		2
Intersection/Field System Modernization		2
Minor Signal Operational Improvements		2
TMC/TOC and Motorist Information		1
New/Upgraded Detection		1

OCFUNDTRACKER PERFORMANCE MEASURES

[MAIN MENU](#)
[CHANGE PASSWORD](#) | [LOGOUT](#) | [OCTA](#) | [SCALE](#)



OCTA Orange County Transportation Authority

PERFORMANCE METRIC [VIEW INSTRUCTIONS](#)

TSSP

Total Number of Proposed Signals for Project: Number
61

Total Number of Proposed Corridor Miles for Project: Decimal
15.04

Corridor Input

Corridor Name	Street	Signal Synchronized Within Last Seven (7) Years	Adding Advanced Transportation Controllers	Adding Fiber Optic Communications	Adding Closed-Circuit Television	Adding Vehicle and/or Pedestrian Detection	
Kraemer Blvd	Lambert to Dyer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	×
Counts:	1	0	0	1	1	1	

[PROJECT SUMMARY](#) (XLS) [VIEW / UPLOAD PROJECT DOCUMENTS](#)

CTFP TOTAL ALLOCATIONS: \$2,433,520.00	TOTAL PROJECT COST: \$3,041,900.00
CTFP TOTAL PAYMENTS: \$0.00	MATCH RATE: 0.20
STATUS: Pending	BOARD APPROVAL DATE: 04/08/2013

[tran \(2/19/2021\)](#) **APPROVED BY:** [Charvalen Alacar \(4/9/2021\)](#) [HISTORY](#)

[PERFORMANCE MEASURES](#)

Performance Measures

- Fill out the information based on your supplemental application

REMINDERS

OCTA as lead agency

- Must send OCTA a request at least four (4) weeks before application deadline (9/23/2021)
- Sending a draft application for review is HIGHLY recommended

Cabinet photos

- Upload to OCFundtracker only; do not print and include w/application submittal

VMT

- Counts must be within 3 years

Offset signals

- Only count the ones on MPAH

Cost estimate/Unit price

- Use round numbers (in thousands, if possible) to avoid round-off errors

Q & A

Please use the chat or thumbs up icon to ask and promote questions

APPLICATION SUBMITTAL



APPLICATION SUBMITTAL

Applications are due on **Thursday, October 21, 2021 by 5:00 PM PST**

- ✓ Must submit an electronic application and supporting attachments in OCFundtracker: <https://ocfundtracker.octa.net>
- ✓ Hard Copies: Three (3) **UNBOUND** copies of Application Package and Supporting Attachments
- ✓ Include electronic copy in USB drive or uploaded to OCFundtracker

Checklists and Resolution Templates are provided in Chapters 7 (Project O) and 8 (Project P) of Guidelines

- ✓ 2022 CTFP Guidelines: <https://www.octa.net/pdf/CTFPGuidelines2021.pdf>

Project P (RTSSP) 2022 Supplemental Application and Instructions

- ✓ <http://www.octa.net/Projects-and-Programs/Plans-and-Studies/Funding-Programs/Call-for-Projects/CTFP-Calls-for-Projects/Regional-Traffic-Signal-Synchronization-Program/>

REVIEW PROCESS



- Application needs to be thorough and complete
- Initial screening for missing elements
- Qualitative review identifies questions for clarification, additional documentation or corrections
- Unique issues or problems may require meeting
- Project recommendations released after consensus review (with agencies) is completed for each program

RECOMMEND: Meet and discuss complex projects with OCTA prior to submittal.

COMMON MISTAKES

Incomplete and incorrect documentation

- Not using the correct template – Make sure using the 2022 Project P Supplemental Application
- Outdated or missing traffic counts (**OCTA Traffic Flow Map is not a qualifying source**)
- Incorrect LOS or ICU calculations/back-up
- Budget information is incomplete, missing, or based on lump sums
- Operational Attributes claimed but not substantiated or are inconsistent with guideline definitions
- Leaving out planned signalized intersections
- Excluding Caltrans' intersections
- Not checking formulas and/or spell-checking

Ineligible

- ROW or construction funding requested **before** environmental reviews are complete
- ADT counts collected beyond 36 months preceding application deadline

Q & A

Please use the chat or thumbs up icon to ask and promote questions

CONTACTS

Name	Title	Phone	Email
Joe Alcock, OCTA	Section Manager, M2 Local Programs	714-560-5372	jalcock@octa.net
Paul Rodriguez, Rodriguez Consulting Group	CTFP Consultant	951-505-7241	paul@rodcongrp.com

Feel free to contact us if you have any questions