

**WELCOME TO THE
2021 CTFP PROJECT O & P CALL WORKSHOP
LIVE EVENT**

THE EVENT WILL BE STARTING SOON

MONDAY, AUGUST 31, 2020



2021 CTFP PROJECT O & P CALL WORKSHOP LIVE EVENT

A LINK WILL BE POSTED IN THE Q&A BOX FOR SIGN-IN



2021 CTFP PROJECT O & P CALL WORKSHOP LIVE EVENT

PLEASE USE THE Q&A BOX FOR QUESTIONS

PROMOTE QUESTIONS BY CLICKING

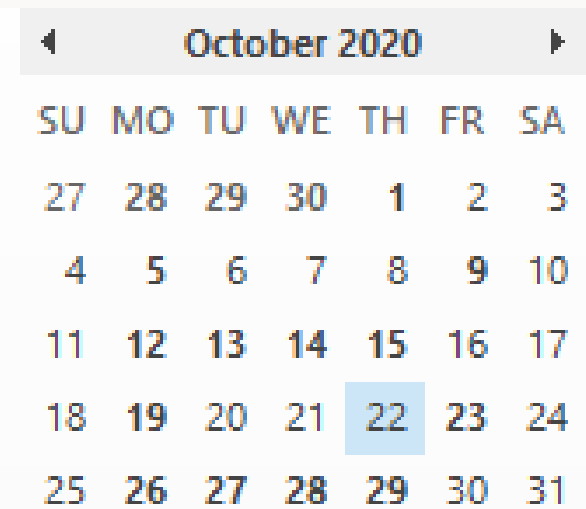


INTRODUCTION AND OVERVIEW

- **Purpose of Workshop - 2021 CTFP Call**
- **Agenda:**
 - ❖ 2021 Call Schedule
 - ❖ 2021 Guidelines and Resources
 - ❖ Application Overview - OCfundtracker
 - ❖ 2021 Project O Call
 - ❖ 2021 Project P Call
 - ❖ Application Submittal, Review and Common Mistakes to Avoid
 - ❖ Q&A

2021 CTFP CALL SCHEDULE

- Call Issued: August 10, 2020
- Applications Due: **Thursday, Oct. 22, 2020 at 5:00pm**
- Qualitative Reviews: Nov. 2020/Jan. 2021
- Local Agency Coordination: Nov./Dec. 2020 – Feb. 2021
- Funding Recommendations by Spring, 2021



A calendar for October 2020. The days of the week are abbreviated as SU, MO, TU, WE, TH, FR, SA. The dates are arranged in a grid. The date 22 is highlighted with a light blue background.

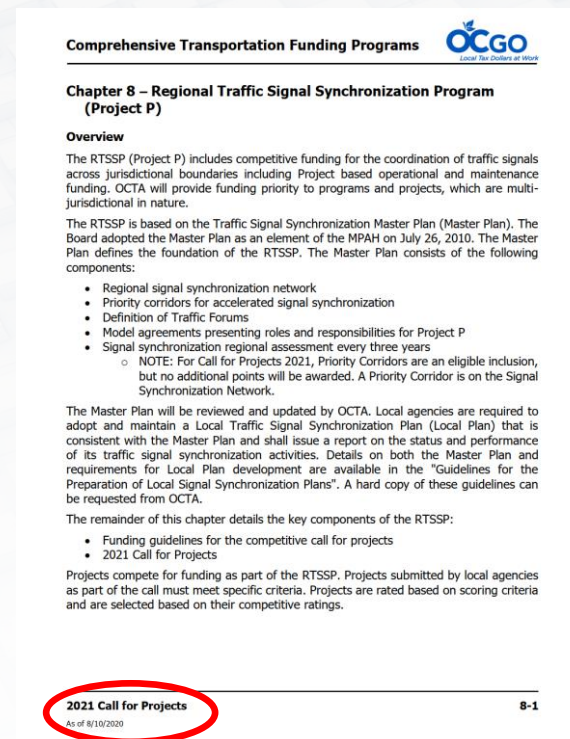
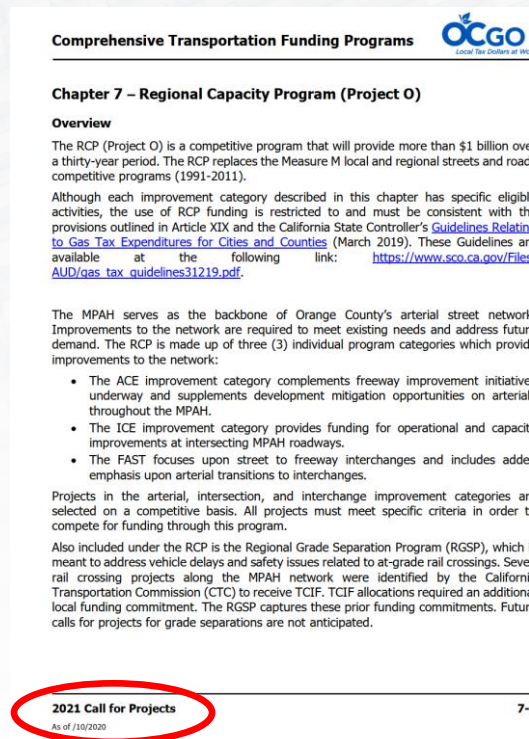
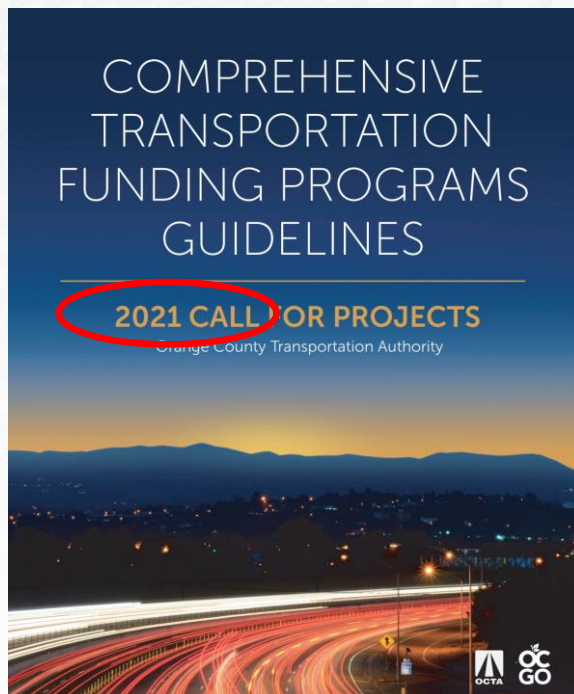
October 2020						
SU	MO	TU	WE	TH	FR	SA
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Please note: *Alternative Analysis (HCM) Methodology and New Facilities must be modeled through OCTAM and requests must be submitted to OCTA by September 10, 2020*

2021 CTFP GUIDELINES AND RESOURCES

CTFP Guidelines (2021 Edition) : <https://www.octa.net/pdf/CTFPGuidelines2021.pdf>.

- Reviewed and approved by the TSC and TAC (April 2020), RP&H and OCTA Board (August 2020)
- Provides checklist and application requirements: Supplemental information, checklists and resolution templates are provided in Chapter 7 (ACE, ICE, & Fast) and Chapter 8 (RTSSP)



2021 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/>

Home » Plans and Studies » Funding Programs » Call for Projects » CTFP Calls for Projects » Regional Capacity Program

< PROJECTS AND PROGRAMS

< PLANS AND STUDIES

< FUNDING PROGRAMS

< CALL FOR PROJECTS

CTFP CALLS FOR PROJECTS

Overview

Regional Capacity Program

Regional Traffic Signal Synchronization Program

Community Based Circulators Program

Safe Transit Stops

Regional Capacity Program (Project O)

On August 10, 2020, 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 2021 Project O and Project P calls under Measure M2 (M2) are now open.

Regional Capacity Program (Project O)

Approximately \$22 million in M2 funds will be available through the RCP for the Arterial Capacity Enhancement, Intersection Capacity Enhancement, and Freeway Arterial/Street Transition categories.

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](#).

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 22, 2020**. It is anticipated the Board will review and approve programming recommendations by Spring 2021. Please refer to the guidelines for other deadlines regarding modeling requests and additional analysis requests.

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/>

Home » Plans and Studies » Funding Programs » Call for Projects » CTFP Calls for Projects » Regional Traffic Signal Synchronization Program

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CTFP CALLS FOR PROJECTS

Overview

Regional Capacity Program

Regional Traffic Signal Synchronization Program

Community Based Circulators Program

Safe Transit Stops

Regional Traffic Signal Synchronization Program (Project P)

On August 10, 2020, 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 2021 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 through the RTSSP Program. RTSSP projects are required to complete a supplemental application and include with their application package. Click [here](#) for **the 2021 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 22, 2020**. It is anticipated the Board will review and approve programming recommendations by Spring 2021. Please refer to the guidelines for other deadlines regarding modeling requests and additional analysis requests.

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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. Key features include:

- Navigation:** Links for MAIN MENU, CHANGE PASSWORD, LOGOUT, OCTA, and SCAG.
- Project Summary:** A summary table showing application number, CTFP total allocations, total project cost, match rate, and board approval date.
- Administrative Edit:** Fields for call for projects, project number, application number, program ID, IFAS, contract #, match rate, calc status, project status, and status comment.
- Project Information:** Fields for improvement type, implementing agency, congress district, senate district, assembly district, project manager, phone, and email.
- Project Description:** A text area for the project description, including guidelines.
- General Questions:** A section for CTFP questions, including whether the application is on a current approved measure and if the agency has previously received CTFP funding.

Red circles highlight the 'VIEW / UPLOAD PROJECT DOCUMENTS' link and the 'PERFORMANCE MEASURES' link. A blue circle highlights the 'PERFORMANCE MEASURES' link in the left sidebar.

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

i.e. total number of proposed signals for RTSSP or total number of proposed operational improvements/attributes for ACE, ICE, or FAST.

2021 PROJECT O CALL



2021 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.

2021 Funding Availability:

- Estimated Amount Available: **\$22M Available**
- Program Period: FY21/22 – FY23/24
- No 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.	

2021 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
- Potential project elements that require further eligibility approval from OCTA:
 - Street Rehabilitation
 - Drainage, Landscaping, and Water Quality
 - Environmental Mitigation

Freeway Arterial/Streets Transitions (FAST)

- Partial or full interchange construction/reconstruction
- 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
 - Must have a minimum existing LOS of "D" (.81 v/c) to qualify for priority consideration



2021 PROJECT O CALL

Phases

- Sequential Programming:
 - Planning Phase (Planning, 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 time of application***

2021 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 Scoring:
 - Expanding eligible items under the sustainability category;
 - Rearranged project development phases in order of actual phasing progression.
- Related to Funding Eligibility and Policies:
 - Clarified that funds may only be used toward the portion of bridge widening that is consistent with the MPAH; and
 - Modified language related to rough grading.

Q & A

Please use the Q&A box to ask and promote questions

2021 PROJECT P CALL



2021 PROJECT P CALL

Overview:

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

2021 Funding Availability:

- Estimated Amount Available: **\$8M Available**
- Program Period: FY21/22 – FY23/24
- 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 24, 2020

Phases

- Primary Implementation and Operations/Maintenance

**Applies to main corridor only*



2021 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

2021 PROJECT P CALL CHANGES

2021 PROJECT P CALL

CORRIDOR VS ROUTE VS GRID

- **Corridor:** single contiguous corridor
 - No limit on number of intersections
- **Route:** set of contiguous corridors related to each other
 - Limited to 3 corridors and a maximum of 50 intersections
 - O-D analysis through simulation or actual counts required
- **Grid:** multiple corridors and related systems of corridors
 - Consists one main corridor with up to 2 crossing corridors
 - Maximum of 50 intersections total
 - Additional requirements



2021 PROJECT P CALL

- Grid projects must demonstrate through simulation or actual vehicle counts:
 - Timing changes on main corridor will greatly impact crossing corridor(s)
- AND**
- Crossing corridors shall have closely spaced signals in close proximity to main corridor with timing changes along these crossings impacting the operation of main corridor
- All corridors in grid shall individually meet the Minimum Eligibility Requirements and travel time studies shall also be collected along all corridors making the grid

OFFSET SIGNALS

Offset Signals

- **Definition:** *signalized intersections within 2,700 feet from either direction of the project corridor*



- Additional points for including offset signals

2021 PROJECT P CALL

Additional Changes

- OCTA-led projects **must** include 10% admin cost to calculate project benefit
- Caltrans will only be counted as a participating agency if all agencies sign a cooperative agreement and provide 20% match
- ADT counts for VMT calculation
- Phase allocation to be set after contract award
- Data compatibility
- PowerPoint for recommended projects

2021 PROJECT P CALL - SUPPLEMENTAL APPLICATION

SECTION 1: KEY TECHNICAL INFORMATION

Kraemer Boulevard/Glassell Street/Grand Avenue RTSSP

	Auto-Fill	Input Only
a. Project Corridor		
Kraemer Boulevard / Glassell Street / Grand Avenue		
b. Project Limits:		
from	Lambert Road	to SR-55 Southbound Off-Ramp
c. Project Length (miles):		
	15.14	
d. Number of signalized intersections along the corridor (include all Caltrans intersections):		
	60 number of signals on project corridor(s)	0 number of offset signals included in this project
e. Participating agencies / Traffic Forum Members (including applicant agency):		
<input type="checkbox"/> Aliso Viejo	<input type="checkbox"/> Cypress	<input type="checkbox"/> La Habra
<input checked="" type="checkbox"/> Anaheim	<input type="checkbox"/> Dana Point	<input type="checkbox"/> La Palma
<input checked="" type="checkbox"/> Brea	<input type="checkbox"/> Fountain Valley	<input type="checkbox"/> Laguna Beach
<input type="checkbox"/> Buena Park	<input type="checkbox"/> Fullerton	<input type="checkbox"/> Laguna Hills
<input type="checkbox"/> Caltrans	<input type="checkbox"/> Garden Grove	<input type="checkbox"/> Laguna Niguel
<input type="checkbox"/> Costa Mesa	<input type="checkbox"/> Huntington Beach	<input type="checkbox"/> Laguna Woods
<input type="checkbox"/> County of Orange	<input type="checkbox"/> Irvine	<input type="checkbox"/> Lake Forest
<input type="checkbox"/> Los Alamitos	<input type="checkbox"/> Mission Viejo	<input type="checkbox"/> Newport Beach
<input checked="" type="checkbox"/> Santa Ana	<input type="checkbox"/> Seal Beach	<input type="checkbox"/> Stanton
<input type="checkbox"/> San Juan Capistrano	<input checked="" type="checkbox"/> Orange	<input type="checkbox"/> Tustin
	<input checked="" type="checkbox"/> Placentia	<input type="checkbox"/> Villa Park
	<input type="checkbox"/> Rancho Santa Margarita	<input type="checkbox"/> Westminster
	<input type="checkbox"/> San Clemente	<input type="checkbox"/> Yorba Linda
f. Lead Agency		
<input checked="" type="checkbox"/> OCTA	<input type="checkbox"/> County of Orange	<input type="checkbox"/> Select a City
g. Designation of the corridor to synchronize:		
<input checked="" type="checkbox"/> Signal Synchronization Network Corridor or Priority Corridor		<input type="checkbox"/> Master Plan of Arterial Highways Corridor
h. Project Start Date:	January 1, 2022	Project End Date: December 31, 2024
i. What percentage (%) of this corridor/grid/route has received past Project P funding?		
<input type="checkbox"/> < 75%	<input checked="" type="checkbox"/> >= 75%	
j. Contact Information		
Agency	Phone	Email
City of Anaheim Name of Contact Position	949-567-8899	John.Doe@city.gov
		Mailing Address
		Street Address City, State, Zip

SECTION 3: ACKNOWLEDGEMENT OF REQUIRED TASKS

a. PROJECT TASKS

- By checking this box, the Applicant Agency, on behalf of all the participating agencies, agree to the following tasks:

			OFFSET	
TOTAL NUMBER OF SIGNALS	60	TRUE	0	TRUE
MAX BUDGET CAP BY SIGNALS	\$	4,500,000.00		
MAX BUDGET CAP BY MILES	\$	3,785,000.00		
<-- WITHIN CAP				
PROJECT MATCH		20.00%		

Brea	Agency	Caltrans	Offset		
Number of Signals:	5	1	0		
Project Tasks (Brea)		Cost / Int	Total Cost	Match	
				Cash	In-Kind
Task 1: Project Management - PI Phase		\$ 1,000.00	\$ 6,000.00	\$ 600.00	\$ 600.00
Task 2: Data Collection		\$ 4,000.00	\$ 24,000.00	\$ 4,800.00	\$ -
Task 3: System Design and Construction		-	\$ 275,165.00	\$ 55,033.00	\$ -
Task 4: Signal Timing Optimization and Implementation		\$ 4,500.00	\$ 27,000.00	\$ 3,400.00	\$ 2,000.00
Task 5: Project Report		\$ 500.00	\$ 3,000.00	\$ 300.00	\$ 300.00
Task 6: Project Management - O&M Phase		\$ 250.00	\$ 1,500.00	\$ 300.00	\$ -
Task 7: Continuing Support		\$ 3,600.00	\$ 21,600.00	\$ 4,320.00	\$ -
Task 8: Final Technical Memorandum		\$ 300.00	\$ 1,800.00	\$ 360.00	\$ -
Total Project Cost:		\$ 360,065.00	\$ 69,113.00	\$ 2,900.00	
				MAX BUDGET CAP BY SIGNALS	\$ 450,000.00
				AGENCY MATCH (min 20%)	20.00%

- 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.)

2021 PROJECT P CALL - SUPPLEMENTAL APPLICATION

																	Auto-Fill	Input Only
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)		\$8,000					\$800						
2	EVP (IR+GPS)	\$12,000			\$12,000	\$12,000	\$12,000	\$1,200		\$1,200	\$1,200	\$1,200	GTT / Opticom		GTT / Opticom	GTT / Opticom	GTT / Opticom	
3	Video Detection System	\$30,000		\$30,000	\$35,000	\$35,000	\$35,000	\$3,000	\$3,000	\$3,500	\$3,500	\$3,500			Autoscope Vision	GridSmart (2 cam)	Autoscope Vision	
4	Battery Backup System	\$15,000		\$14,000		\$15,000	\$15,000	\$1,500	\$1,400		\$1,500	\$1,500				Meyers	Meyers	
5	ADA Pushbutton Assembly	\$1,500		\$1,500		\$1,500	\$1,500	\$150	\$150		\$150	\$150		Polara		Polara	Polara	
6	Pedestrian Countdown Heads	\$1,500		\$1,500		\$1,500	\$1,500	\$150	\$150		\$150	\$150				Dialight	GE / approved equiv	
7	Advance Detect Loop w/New Cond				\$10,000					\$1,000						per approach		
8	Bluetooth Travel Time Unit				\$8,000		\$7,500			\$800		\$750				Connected Vehicle		BluToad
CONTROLLERS	9	New Controller	\$7,000	\$7,000	\$6,500	\$7,000	\$6,500						Cobalt w/EOS	Cobalt w/EOS	2070+1C	Cobalt w/EOS	2070+1C	
	10	ATC Engine Board (1-C)			\$2,000		\$2,000											Safetran 2070-1C
	11	SDLC Cable																
CONTROLLER CABINET	12	New Cabinet with New Foundation	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000			333 or Special P	TS2 Type II	Safetran 332L	
	13	New Cabinet (Reuse exist foundation)	\$30,000	\$30,000	\$30,000	\$30,000	\$15,000	\$3,000	\$3,000	\$3,000	\$3,000	\$1,500			333 or Special P	TS2 Type II	Safetran 332L	
	14	Type II Service	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$400	\$400	\$400	\$400	\$400						
	15	Type III Service		\$6,000		\$6,000			\$600		\$600							
	16	SCE Conduit + Fees	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000						
	17	System Detector (DLC)					\$9,000				\$900						4 E-Loops + 3000' DLC	

LOCATION	IMPLEMENTING AGENCY	PROJECT CROSS STREETS	DESCRIPTION OF WORK																	SIGNAL IMPROVEMENT COSTS				AGENCY MATCH		In-Kind	NOTES	
			EVP (IR+GPS)	Video Detection System	ADA Pushbutton Assembly	Pedestrian Countdown Heads	New Controller	New Cabinet with New Foundation	New Cabinet (Reuse exist foundation)	Type III Service	SCE Conduit + Fees	CCTV Camera	Cell Modem	ATMS Integration + System Graphics	ATMS System License	TMC Workstation/Server	Synchro	Caltrans Coop + Fee	Conduit/Repair	Design	Construction	Construction Management & Inspection	Contingency	TOTAL	Total Agency Match			Cash
			2	3	5	6	9	12	13	15	16	18	28	29	30	32	33	34	35	10%	10%	10%	20.0%					
1	Brea	Lambert Road	1	1	8	8	1	1						1	1					\$ 12,200.00	\$ 131,200.00	\$ 13,120.00	\$ 15,652.00	\$ 172,172.00	\$ 34,434.40	\$ 34,434.40		
2	Brea	Birch Street					1							1	1					\$ -	\$ 9,200.00	\$ 920.00	\$ 1,012.00	\$ 11,132.00	\$ 2,226.40	\$ 2,226.40		
3	Brea	Orbiter Street					1							1	1					\$ -	\$ 9,200.00	\$ 920.00	\$ 1,012.00	\$ 11,132.00	\$ 2,226.40	\$ 2,226.40		
4	Brea	Birch Mall					1	1						1	1					\$ 3,000.00	\$ 39,200.00	\$ 3,920.00	\$ 4,612.00	\$ 50,732.00	\$ 10,146.40	\$ 10,146.40		
5	Brea	Imperial Highway (SR-90)*									1									\$ 1,200.00	\$ 14,500.00	\$ 1,450.00	\$ 1,715.00	\$ 18,865.00	\$ 3,773.00	\$ 3,773.00		
6	Brea	Buttonwood Dr/Saturn St					1							1	1					\$ -	\$ 9,200.00	\$ 920.00	\$ 1,012.00	\$ 11,132.00	\$ 2,226.40	\$ 2,226.40		
7	Placentia	Golden Avenue					1													\$ -	\$ 7,000.00	\$ 700.00	\$ 770.00	\$ 8,470.00	\$ 1,694.00	\$ 1,694.00		
8	Placentia	Patrician Lane					1													\$ -	\$ 7,000.00	\$ 700.00	\$ 770.00	\$ 8,470.00	\$ 1,694.00	\$ 1,694.00		
9	Placentia	Bastanchury Road					1	1			1									\$ 4,410.00	\$ 51,100.00	\$ 5,110.00	\$ 6,062.00	\$ 66,682.00	\$ 13,336.40	\$ 13,336.40		

2021 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)		Points
Range		
250+ thousand		20
200 - 249 thousand		15
150 - 199 thousand		10
100 - 149 thousand		6
50 - 99 thousand		3
0 - 49 thousand		1
<p>Calculation: ADT x segment length (Applies only to coordinated segments of project)</p>		

1. Transportation Significance (30 points)		20		
Inclusion of offset signals w/in 2,700'				
# of offset signals on project / total # of offset signals:	0 / 34 = 0.0%			
Vehicle Miles Traveled (VMT):		20		
338,220 = 20				
2. Economic Effectiveness (Cost Benefit Ratio): (15 points)		8		
Calculation for Total Project Cost / VMT =				
\$2,827,320 / 338,220 = 8.36				
3. Project Characteristics: (10 points)		10		
<input type="checkbox"/> Timing Only, No Capital	10			
<input type="checkbox"/> Real-time Traffic Actuated Op & Demo Proc	4		<input checked="" type="checkbox"/> New/Upgraded Communication	2
<input type="checkbox"/> Automated Traffic Signal Perf. Measures	4		<input checked="" type="checkbox"/> Intersection/Field System Mod	2
<input checked="" type="checkbox"/> Intelligent Cameras	3		<input type="checkbox"/> Minor Signal Operational Impro	2
<input checked="" type="checkbox"/> Detection for ATSPM and counts	3		<input type="checkbox"/> TMC/TOC and Motorist Informa	2
<input 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 project			= 5	
Not Implementing within 12 months		= 0		
8. Funding Match: (5 points)		0		
\$514,058.20 / \$2,570,291.00 = 20.00%				

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
<p>Calculation: Number of signals in project divided by total signals in full corridor length.</p>		

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		
Project Status		Points
Re-timing 75% of prior RTSSP project		5
Implementation within 12 months		5

Q & A

Please use the Q&A box to ask and promote questions

APPLICATION SUBMITTAL



APPLICATION SUBMITTAL

Applications are due on **Thursday, October 22, 2020 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:

By mail:

Alfonso Hernandez

Orange County Transportation Authority

P.O. Box 14184

Orange, CA 92863-1584

In person:

Orange County Transportation Authority

600 South Main Street

Orange, CA 92863-1584

- ✓ 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

- ✓ 2021 CTFP Guidelines: <https://www.octa.net/pdf/CTFPGuidelines2021.pdf>

Project P (RTSSP) 2021 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
- Appeals are permitted provided good faith effort has been completed

RECOMMEND: Meeting and Discussing complex projects with OCTA prior to submittal.

COMMON MISTAKES

Incomplete and incorrect documentation

- Not using the correct template – 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 Q&A box to ask and promote questions

CONTACTS

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Feel free to contact us if you have any questions