

REQUEST FOR PROPOSALS (RFP) 4-2602

**TRAFFIC DATA COLLECTION
UPDATE FOR THE 2025
CONGESTION MANAGEMENT
PROGRAM**



**ORANGE COUNTY TRANSPORTATION AUTHORITY
550 South Main Street
P.O. Box 14184
Orange, CA 92863-1584
(714) 560-6282**

Key RFP Dates

Issue Date:	November 7, 2024
Question Submittal Date:	November 15, 2024
Proposal Submittal Date:	December 3, 2024
Interview Date:	December 19, 2024

TABLE OF CONTENTS

SECTION I: INSTRUCTIONS TO OFFERORS	1
SECTION II: PROPOSAL CONTENT	8
SECTION III: EVALUATION AND AWARD	15
EXHIBIT A: SCOPE OF WORK.....	18
EXHIBIT B: COST AND PRICE FORMS	19
EXHIBIT C: PROPOSED AGREEMENT	20
EXHIBIT D: STATUS OF PAST AND PRESENT CONTRACTS FORM	21
EXHIBIT E: SAFETY SPECIFICATIONS	23
EXHIBIT F: PROPOSAL EXCEPTIONS AND/OR DEVIATIONS.....	24



November 7, 2024

NOTICE OF REQUEST FOR PROPOSALS (RFP)

RFP 4-2602: "TRAFFIC DATA COLLECTION UPDATE FOR THE 2025 CONGESTION MANAGEMENT PROGRAM"

TO: ALL OFFERORS

FROM: ORANGE COUNTY TRANSPORTATION AUTHORITY

The Orange County Transportation Authority (Authority) invites proposals from qualified firms to provide consultant services for the traffic data collection update for the 2025 Congestion Management Program.

The budget for this project is \$200,000 for a one (1)-year term.

Please note that by submitting a Proposal, Offeror certifies that it is not subject to any Ukraine/Russia-related economic sanctions imposed by the State of California or the United States Government including, but not limited to, Presidential Executive Order Nos. 13660, 13661, 13662, 13685, and 14065. Any individual or entity that is the subject of any Ukraine/Russia-related economic sanction is not eligible to submit a Proposal. In submitting a Proposal, all Offerors agree to comply with all economic sanctions imposed by the State or U.S. Government.

Proposals must be submitted, electronically, through the following URL link: <http://www.octa.net/Proposal Upload Link>, at or before the deadline of 2:00 p.m. on December 3, 2024. The link has an upload file size limit of 80MB. Authority will not accept hard copy proposals for this RFP.

Offerors are instructed to click the upload link, select "**RFP 4-2602**" from the drop-down menu, and follow the instructions as prompted to upload the proposal. The upload link will expire at the submittal deadline and will not allow proposals to be uploaded.

Should Offerors encounter technical issues with uploading the proposals via the link provided, Offerors are required to contact the Contract Administrator prior to the submission deadline. Proposals and supplemental information to proposals received after the date and time specified above will be rejected.

Firms interested in obtaining a copy of this RFP may do so by downloading the RFP from CAMM NET at <https://cammnet.octa.net>.

All firms interested in doing business with the Authority are required to register their business on-line at CAMM NET. The website can be found at <https://cammnet.octa.net>. From the site menu, click on CAMM NET to register.

To receive all further information regarding this RFP 4-2602, firms and subconsultants must be registered on CAMM NET with at least one of the following commodity codes for this solicitation selected as part of the vendor's on-line registration profile:

<u>Category:</u>	<u>Commodity:</u>
Professional Consulting	Consultant Services - Transit Planning
Professional Services	Consultant Services - Transportation Planning
	Engineering - Traffic

The Authority has established December 19, 2024, as the date to conduct interviews. All prospective Offerors will be asked to keep this date available.

Offerors are encouraged to subcontract with small businesses to the maximum extent possible.

All Offerors will be required to comply with all applicable equal opportunity laws and regulations.

The award of this contract is subject to receipt of federal, state and/or local funds adequate to carry out the provisions of the proposed agreement including the identified Scope of Work.

SECTION I: INSTRUCTIONS TO OFFERORS

SECTION I. INSTRUCTIONS TO OFFERORS**A. EXAMINATION OF PROPOSAL DOCUMENTS**

By submitting a proposal, Offeror represents that it has thoroughly examined and become familiar with the work required under this RFP and that it is capable of performing quality work to achieve the Authority's objectives.

B. ADDENDA

The Authority reserves the right to revise the RFP documents. Any Authority changes to the requirements will be made by written addendum to this RFP. Any written addenda issued pertaining to this RFP shall be incorporated into the terms and conditions of any resulting Agreement. The Authority will not be bound to any modifications to or deviations from the requirements set forth in this RFP as the result of oral instructions. Offerors shall acknowledge receipt of addenda in their proposals. Failure to acknowledge receipt of Addenda may cause the proposal to be deemed non-responsive to this RFP and be rejected.

C. AUTHORITY CONTACT

All communication and/or contacts with Authority staff regarding this RFP are to be directed to the following Contract Administrator:

Ellis Hoskin, Contract Administrator
Contracts Administration and Materials Management Department
Phone: 714.560.5551
Email: ehoskin@octa.net

Commencing on the date of the issuance of this RFP and continuing until award of the contract or cancellation of this RFP, no offeror, subcontractor, lobbyist or agent hired by the offeror shall have any contact or communications regarding this RFP with any Authority's staff; member of the evaluation committee for this RFP; or any contractor or consultant involved with the procurement, other than the Contract Administrator named above or unless expressly permitted by this RFP. Contact includes face-to-face, telephone, electronic mail (email) or formal written communication. Any offeror, subcontractor, lobbyist or agent hired by the offeror that engages in such prohibited communications may result in disqualification of the offeror at the sole discretion of the Authority.

D. CLARIFICATIONS**1. Examination of Documents**

Should an Offeror require clarifications of this RFP, the Offeror shall notify the Authority in writing in accordance with Section D.2. below. Should it be found that the point in question is not clearly and fully set forth, the Authority will issue a written addendum clarifying the matter which will be sent to all firms registered on CAMM NET under the commodity codes specified in this RFP.

2. Submitting Requests

- a. All questions must be put in writing and received via email at ehoskin@octa.net no later than 5:00 p.m., on November 15, 2024.
- b. Requests for clarifications, questions, and comments must be clearly labeled, "Written Questions RFP 4-2602," in the subject line of the email. The Authority is not responsible for failure to respond to a request that has not been labeled as such.

3. Authority Responses

Responses from the Authority will be posted on CAMM NET no later than November 20, 2024. Offerors may download responses from CAMM NET at <https://cammnet.octa.net>, or request responses be sent via email.

To receive email notification of Authority responses when they are posted on CAMM NET, firms and subconsultants must be registered on CAMM NET with at least one of the following commodity codes for this solicitation selected as part of the vendor's on-line registration profile:

Category:

Professional Consulting

Professional Services

Commodity:

Consultant Services - Transit

Planning

Consultant Services -

Transportation Planning

Engineering - Traffic

Inquiries received after 5:00 p.m. on November 15, 2024 will not be responded to.

E. SUBMISSION OF PROPOSALS**1. Date and Time**

Proposals must be submitted, electronically, through the following URL

link: <http://www.octa.net/Proposal Upload Link>, at or before the deadline of **2:00 p.m. on December 3, 2024. The link has an upload file size limit of 80MB. Authority will not accept hard copy proposals for this RFP.**

Offerors are instructed to click the upload link, select “**RFP 4-2602**” from the drop-down menu, and follow the instructions as prompted to upload the proposal. The upload link will expire at the submittal deadline and will not allow proposals to be uploaded.

Should Offerors encounter technical issues with uploading the proposals via the link provided, Offerors are required to contact the Contract Administrator prior to the submission deadline. Proposals and supplemental information to proposals received after the date and time specified above will be rejected.

2. Acceptance of Proposals

- a. The Authority reserves the right to accept or reject any and all proposals, or any item or part thereof, or to waive any informalities or irregularities in proposals.
- b. The Authority reserves the right to withdraw or cancel this RFP at any time without prior notice and the Authority makes no representations that any contract will be awarded to any Offeror responding to this RFP.
- c. The Authority reserves the right to issue a new RFP for the project.
- d. The Authority reserves the right to postpone proposal openings for its own convenience.
- e. Each proposal will be received with the understanding that acceptance by the Authority of the proposal to provide the services described herein shall constitute a contract between the Offeror and Authority which shall bind the Offeror on its part to furnish and deliver at the prices given and in accordance with conditions of said accepted proposal and specifications.
- f. The Authority reserves the right to investigate the qualifications of any Offeror, and/or require additional evidence of qualifications to perform the work.
- g. Submitted proposals are not to be copyrighted.

F. PRE-CONTRACTUAL EXPENSES

The Authority shall not, in any event, be liable for any pre-contractual expenses incurred by Offeror in the preparation of its proposal. Offeror shall not include any such expenses as part of its proposal.

Pre-contractual expenses are defined as expenses incurred by Offeror in:

1. Preparing its proposal in response to this RFP;
2. Submitting that proposal to the Authority;
3. Negotiating with the Authority any matter related to this proposal; or
4. Any other expenses incurred by Offeror prior to date of award, if any, of the Agreement.

G. JOINT OFFERS

Where two or more firms desire to submit a single proposal in response to this RFP, they should do so on a prime-subcontractor basis rather than as a joint venture. The Authority intends to contract with a single firm and not with multiple firms doing business as a joint venture.

H. TAXES

Offerors' proposals are subject to State and Local sales taxes. However, the Authority is exempt from the payment of Federal Excise and Transportation Taxes. Offeror is responsible for payment of all taxes for any goods, services, processes and operations incidental to or involved in the contract.

I. PROTEST PROCEDURES

The Authority has on file a set of written protest procedures applicable to this solicitation that may be obtained by contacting the Contract Administrator responsible for this procurement. Any protests filed by an Offeror in connection with this RFP must be submitted in accordance with the Authority's written procedures.

J. CONTRACT TYPE

It is anticipated that the Agreement resulting from this solicitation, if awarded, will be a firm-fixed price contract specifying firm-fixed prices for individual tasks specified in the Scope of Work, included in this RFP as Exhibit A. The Agreement will have a one (1)-year term.

K. CONFLICT OF INTEREST

All Offerors responding to this RFP must avoid organizational conflicts of interest which would restrict full and open competition in this procurement. An organizational conflict of interest means that due to other activities, relationships

or contracts, an Offeror is unable, or potentially unable to render impartial assistance or advice to the Authority; an Offeror's objectivity in performing the work identified in the Scope of Work is or might be otherwise impaired; or an Offeror has an unfair competitive advantage. Conflict of Interest issues must be fully disclosed in the Offeror's proposal.

All Offerors must disclose in their proposal and immediately throughout the course of the evaluation process if they have hired or retained an advocate to lobby Authority staff or the Board of Directors on their behalf.

Offerors hired to perform services for the Authority are prohibited from concurrently acting as an advocate for another firm who is competing for a contract with the Authority, either as a prime or subcontractor.

L. CODE OF CONDUCT

All Offerors agree to comply with the Authority's Code of Conduct as it relates to Third-Party contracts which is hereby referenced and by this reference is incorporated herein. All Offerors agree to include these requirements in all of its subcontracts.

M. OWNERSHIP OF RECORDS/PUBLIC RECORDS ACT

All proposals and documents submitted in response to this RFP shall become the property of the Authority and a matter of public record pursuant to the California Public Records Act, Government Code sections 7920.000 et seq. (the "Act"). Offerors should familiarize themselves with the provisions of the Act requiring disclosure of public information. Offerors are discouraged from marking their proposal documents as "confidential" or "proprietary."

If a Proposal does include "confidential" or "proprietary" markings and the Authority receives a request pursuant to the Act, the Authority will endeavor (but cannot guarantee) to notify the Offeror of such a request. In order to protect any information submitted within a Proposal, the Offeror must pursue, at its sole cost and expense, any and all appropriate legal action necessary to maintain the confidentiality of such information. The Authority generally does not consider pricing information, subcontractor lists, or key personnel, including resumes, as being exempt from disclosure under the Act. In no event shall the Authority or any of its officers, directors, employees, agents, representatives, or consultants be liable to Offeror for the disclosure of any materials or information submitted in response to the RFP or by failing to notify Offeror of a request seeking its Proposal. The Authority reserves the right to make an independent decision to disclose records and material.

Notwithstanding the above, all information regarding proposal responses will be held as confidential until such time as the evaluation has been completed; an

award has been made by the Board of Directors or Authority Staff, as appropriate; and the contract has been fully negotiated.

N. STATEMENT OF ECONOMIC INTERESTS

The awarded Offeror (including designated employees and subconsultants) may be required to file Statements of Economic Interests (Form 700) in accordance with the Political Reform Act (Government Code section 81000 et seq.). This applies to individuals who make, participate in making, or act in a staff capacity for making governmental decisions. The Authority determines which individuals are required to file a Form 700, and if such determination is made, the individuals must file Form 700s with the Authority's Clerk of the Board no later than thirty (30) days after the execution of the Agreement, annually thereafter for the duration of the Agreement, and within thirty (30) days of termination of the Agreement.

SECTION II: PROPOSAL CONTENT

SECTION II. PROPOSAL CONTENT

A. PROPOSAL FORMAT AND CONTENT

1. Format

Proposals should be typed with a standard 12-point font, double-spaced. Proposals should not include any unnecessarily elaborate or promotional materials. Proposals should not exceed fifty (50) pages in length, excluding any appendices, cover letters, resumes, or forms.

2. Letter of Transmittal

The Letter of Transmittal shall be addressed to Ellis Hoskin, Contract Administrator, and must, at a minimum, contain the following:

- a. Identification of Offeror that will have contractual responsibility with the Authority. Identification shall include legal name of company, corporate address, telephone and fax number, and email address. Include name, title, address, email address, and telephone number of the contact person identified during period of proposal evaluation.
- b. Identification of all proposed subcontractors including legal name of company, contact person's name and address, phone number and fax number, and email address; relationship between Offeror and subcontractors, if applicable.
- c. Acknowledgement of receipt of all RFP addenda, if any.
- d. A statement to the effect that the proposal shall remain valid for a period of not less than 120 days from the date of submittal.
- e. Signature of a person authorized to bind Offeror to the terms of the proposal.
- f. Signed statement attesting that all information submitted with the proposal is true and correct.

3. Technical Proposal

a. Qualifications, Related Experience and References of Offeror

This section of the proposal should establish the ability of Offeror to satisfactorily perform the required work by reasons of: experience in performing work of a similar nature; demonstrated competence in the services to be provided; strength and stability of the firm; staffing

capability; work load; record of meeting schedules on similar projects; and supportive client references.

Offeror to:

- (1) Provide a brief profile of the firm, including the types of services offered; the year founded; form of the organization (corporation, partnership, sole proprietorship); number, size, and location of offices; and number of employees.
- (2) Provide a general description of the firm's financial condition and identify any conditions (e.g., bankruptcy, pending litigation, planned office closures, impending merger) that may impede Offeror's ability to complete the project.
- (3) Describe the firm's experience in performing work of a similar nature to that solicited in this RFP, and highlight the participation in such work by the key personnel proposed for assignment to this project.
- (4) Identify subcontractors by company name, address, contact person, telephone number, email, and project function. Describe Offeror's experience working with each subcontractor.
- (5) Identify all firms hired or retained to provide lobbying or advocating services on behalf of the Offeror by company name, address, contact person, telephone number and email address. This information is required to be provided by the Offeror immediately during the evaluation process, if a lobbyist or advocate is hired or retained.
- (6) Provide as a minimum three (3) references for the projects cited as related experience, and furnish the name, title, address, telephone number, and email address of the person(s) at the client organization who is most knowledgeable about the work performed. Offeror may also supply references from other work not cited in this section as related experience.

b. Proposed Staffing and Project Organization

This section of the proposal should establish the method, which will be used by the Offeror to manage the project, as well as identify key personnel assigned.

Offeror to:

- (1) Identify key personnel proposed to perform the work in the specified tasks and include major areas of subcontract work. Include the person's name, current location, proposed position for this project, current assignment, level of commitment to that assignment, availability for this assignment and how long each person has been with the firm.
- (2) Furnish brief resumes (not more than two [2] pages each) for the proposed Project Manager and other key personnel that includes education, experience, and applicable professional credentials.
- (3) Indicate adequacy of labor resources utilizing a table projecting the labor-hour allocation to the project by individual task.
- (4) Include a project organization chart, which clearly delineates communication/reporting relationships among the project staff.
- (5) Include a statement that key personnel will be available to the extent proposed for the duration of the project acknowledging that no person designated as "key" to the project shall be removed or replaced without the prior written concurrence of the Authority.

c. Work Plan

Offeror should provide a narrative, which addresses the Scope of Work, and shows Offeror's understanding of Authority's needs and requirements.

Offeror to:

- (1) Describe the approach to completing the tasks specified in the Scope of Work. The approach to the work plan shall be of such detail to demonstrate the Offeror's ability to accomplish the project objectives and overall schedule.
- (2) Outline sequentially the activities that would be undertaken in completing the tasks and specify who would perform them.
- (3) Furnish a project schedule, if applicable, for completing the tasks in terms of elapsed weeks.
- (4) Identify methods that Offeror will use to ensure quality control, as well as budget and schedule control for the project.

- (5) Identify any special issues or problems that are likely to be encountered in this project and how the Offeror would propose to address them.
- (6) Offeror is encouraged to propose enhancements or procedural or technical innovations to the Scope of Work that do not materially deviate from the objectives or required content of the project.

d. Exceptions/Deviations

State any technical and/or contractual exceptions and/or deviations from the requirements of this RFP, including the Authority's technical requirements and contractual terms and conditions set forth in the Scope of Work (Exhibit A) and Proposed Agreement (Exhibit C), using the form entitled "Proposal Exceptions and/or Deviations" included in this RFP. This Proposal Exceptions and/or Deviations form (Exhibit F) must be included in the original proposal submitted by the Offeror. If no technical or contractual exceptions and/or deviations are submitted as part of the original proposal, Offerors are deemed to have accepted the Authority's technical requirements and contractual terms and conditions set forth in the Scope of Work (Exhibit A) and Proposed Agreement (Exhibit C). Offerors will not be allowed to submit the Proposal Exceptions and/or Deviations form (Exhibit F) or any technical and/or contractual exceptions after the proposal submittal date identified in the RFP. Exceptions and/or deviations submitted after the proposal submittal date will not be reviewed by Authority.

All exceptions and/or deviations will be reviewed by the Authority and will be assigned a "pass" or "fail" status. Exceptions and deviations that "pass" do not mean that the Authority has accepted the change but that it is a potential negotiable issue. Exceptions and deviations that receive a "fail" status means that the requested change is not something that the Authority would consider a potential negotiable issue. Offerors that receive a "fail" status on their exceptions and/or deviations will be notified by the Authority and will be allowed to retract the exception and/or deviation and continue in the evaluation process. Any exceptions and/or deviation that receive a "fail" status and the Offeror cannot or does not retract the requested change may result in the firm being eliminated from further evaluation.

4. Cost and Price Proposal

As part of the cost and price proposal, the Offeror shall submit proposed pricing to provide the services for each work task described in Exhibit A, Scope of Work.

The Offeror shall complete the "Price Summary Sheet" form included with this RFP (Exhibit B), and furnish any narrative required to explain the prices quoted in the schedules.

It is anticipated that the Agreement resulting from this solicitation, if awarded, will be a firm-fixed contract with specific tasks and anticipated expenses for the tasks specified in the Scope of Work, included in the RFP as Exhibit A.

5. Appendices

Information considered by Offeror to be pertinent to this project and which has not been specifically solicited in any of the aforementioned sections may be placed in a separate appendix section. Offerors are cautioned, however, that this does not constitute an invitation to submit large amounts of extraneous materials. Appendices should be relevant and brief.

B. FORMS

1. Status of Past and Present Contracts Form

Offeror shall complete and sign the form entitled "Status of Past and Present Contracts" provided in this RFP and submit as part of its proposal. Offeror shall identify the status of past and present contracts where the firm has either provided services as a prime vendor or a subcontractor during the past five (5) years in which the contract has been the subject of or may be involved in litigation with the contracting authority. This includes, but is not limited to, claims, settlement agreements, arbitrations, administrative proceedings, and investigations arising out of the contract. Offeror shall have an ongoing obligation to update Authority with any changes to the identified contracts and any new litigation, claims, settlement agreements, arbitrations, administrative proceedings, or investigations that arise subsequent to the submission of Offeror's proposal.

A separate form must be completed for each identified contract. Each form must be signed by the Offeror confirming that the information provided is true and accurate.

2. Proposal Exceptions and/or Deviations Form

Offerors shall complete the form entitled "Proposal Exceptions and/or Deviations" provided in this RFP and submit it as part of the original proposal. For each exception and/or deviation, a new form should be used, identifying the exception and/or deviation and the rationale for requesting the change. Exceptions and/or deviations submitted after the proposal submittal date will not be reviewed nor considered by the Authority.

SECTION III: EVALUATION AND AWARD

SECTION III. EVALUATION AND AWARD

A. EVALUATION CRITERIA

The Authority will evaluate the offers received based on the following criteria:

- 1. Qualifications of the Firm 25%**

Technical experience in performing work of a closely similar nature; strength and stability of the firm; strength, stability, experience, and technical competence of subcontractors; assessment by client references.
- 2. Staffing and Project Organization 25%**

Qualifications of project staff, particularly key personnel and especially the Project Manager; key personnel's level of involvement in performing related work cited in "Qualifications of the Firm" section; logic of project organization; adequacy of labor commitment; concurrence in the restrictions on changes in key personnel.
- 3. Work Plan 25%**

Depth of Offeror's understanding of Authority's requirements and overall quality of work plan; logic, clarity and specificity of work plan; appropriateness of resource allocation among the tasks; reasonableness of proposed schedule; utility of suggested technical or procedural innovations.
- 4. Cost and Price 25%**

Reasonableness of the total price, as well as the individual tasks; competitiveness with other offers received; adequacy of data in support of figures quoted.

B. EVALUATION PROCEDURE

An evaluation committee will be appointed to review all proposals received for this RFP. The committee is comprised of Authority staff and may include outside personnel. The committee members will evaluate the written proposals using criteria identified in Section III A. A list of top-ranked proposals, firms within a competitive range, will be developed based upon the totals of each committee members' score for each proposal.

During the evaluation period, the Authority may interview some or all of the proposing firms. The Authority has established December 19, 2024, as the date to conduct interviews. All prospective Offerors are asked to keep this date available. No other interview dates will be provided, therefore, if an Offeror is

unable to attend the interview on this date, its proposal may be eliminated from further discussion. The interview may consist of a short presentation by the Offeror after which the evaluation committee will ask questions related to the firm's proposal and qualifications.

At the conclusion of the proposal evaluations, the evaluation committee will score the proposals to develop a competitive range. Offerors remaining within the competitive range may be asked to submit a Best and Final Offer (BAFO). In the BAFO request, the firms may be asked to provide additional information, confirm or clarify issues and submit a final cost/price offer. A deadline for submission will be stipulated.

At the conclusion of the evaluation process, the evaluation committee will recommend to Authority's management the Offeror whose proposal is most advantageous to the Authority.

C. AWARD

The Authority may negotiate contract terms with the selected Offeror prior to award, and expressly reserves the right to negotiate with several Offerors simultaneously and, thereafter, to award a contract to the Offeror offering the most favorable terms to the Authority.

The Authority reserves the right to award its total requirements to one Offeror or to apportion those requirements among several Offerors as the Authority may deem to be in its best interest. In addition, negotiations may or may not be conducted with Offerors; therefore, the proposal submitted should contain Offeror's most favorable terms and conditions, since the selection and award may be made without discussion with any Offeror.

The selected Offeror will be required to submit to the Authority's Accounting department a current IRS W-9 form prior to commencing work.

D. NOTIFICATION OF AWARD AND DEBRIEFING

Offerors who submit a proposal in response to this RFP shall be notified via CAMM NET of the contract award. Such notification shall be made within three (3) business days of the date the contract is awarded.

Offerors who were not awarded the contract may obtain a debriefing concerning the strengths and weaknesses of their proposal. Unsuccessful Offerors, who wish to be debriefed, must request the debriefing in writing or electronic mail and the Authority must receive it within three (3) business days of notification of the contract award.

EXHIBIT A: SCOPE OF WORK

**SCOPE OF WORK
TRAFFIC DATA COLLECTION UPDATE
FOR THE 2025 CONGESTION MANAGEMENT PROGRAM**

PROJECT BACKGROUND

The Orange County Transportation Authority (OCTA) is the designated Congestion Management Agency (CMA) for Orange County. To ensure local jurisdictions' continued eligibility for state gas tax funds made available through Proposition 111, local jurisdictions must meet certain roadway Level of Service (LOS) standards. As the CMA, OCTA collects and compiles the traffic data needed to monitor local jurisdiction compliance with the LOS standards. The data collected under this project will provide traffic data input for the 2025 Congestion Management Program (CMP).

PROJECT DESCRIPTION

This project consists of multiple components aimed at collecting and analyzing traffic, pedestrian, and bicycle data at various locations throughout Orange County for the 2025 CMP Update. The main tasks include:

1. Turning Movement Count Data Collection (one hundred one [101] intersections): Traffic data shall be collected for one hundred one (101) intersections as specified by the CMP, focusing on A.M. and P.M. peak period turning movement counts. Counts shall be conducted over three (3) separate days for each intersection, capturing vehicles, pedestrians, and bicycles. The collected data shall be used to calculate Level of Service (LOS) and Intersection Capacity Utilization (ICU) values.
2. Forty-Eight (48)-Hour Pedestrian, Bicycle, and e-Scooter Counts (twenty [20] locations): Two (2) way pedestrian, bicycle, and e-scooter counts shall be collected over a forty-eight (48)-hour period at twenty (20) locations. These counts shall provide critical volume data and are expected to be conducted in October 2025.
3. Twenty-Four (24)-Hour Mid-Block Average Daily Traffic (ADT) Counts (fifty [50] segments): Twenty-four (24)-hour ADT volume counts shall be collected for at least fifty (50) mid-block segments. These counts shall be conducted on weekdays, following specified guidelines and restrictions.
4. Supplemental Intersection Counts (fifty-two [52] locations): Turning movement counts shall be performed at forty-eight (48) additional intersections, with data collected for one (1)-day at each location by November 2025. These counts shall also include traffic volumes on freeway ramps.
5. Supplemental Travel Time Runs (Interstate 405 [I-405]): Travel time runs shall be conducted for the I-405 freeway between MacArthur Boulevard and Lakewood Boulevard. Data shall be collected for the southbound direction during A.M. peak periods and for the northbound direction during P.M. peak periods, totaling thirty-two (32) runs.
6. Twenty-Four (24)-Hour Freeway Mainline Counts (six [6] segments): Two (2) way ADT volume counts shall be collected for at least six (6) mainline freeway

segments, with vehicles classified by type. These counts shall be conducted on weekdays, adhering to the same guidelines as other traffic data collection tasks.

All collected data shall be analyzed and compiled into specific formats, including the Universal Traffic Data Format (UTDF), OCTA's Intersection Turning Movement (ITM) format, and OCTA's Segment Count format. The results shall be provided to OCTA electronically, ensuring compliance with OCTA's standards and submission requirements for the 2025 CMP.

STUDY ORGANIZATION AND SCHEDULE

Consultant shall work under the general direction of the OCTA project manager and in cooperation with local jurisdictions.

Project shall be completed in a timely manner. The schedule requires completion of the traffic counts for intersections in Attachment A. Additionally, counts shall not be conducted between April 14 and April 25, 2025 (weeks before and after Easter). All re-counts shall be collected before the summer holiday period beginning May 18, 2025 (week before Memorial Day). Completion of the project, including submittal of final traffic data in both electronic and hard copy medium to OCTA, shall be no later than December 16, 2025. Data collection shall not be conducted during the periods specified in Task 2 Section D under "Work Program" below.

WORK PROGRAM

The work program for the project consists of the major tasks and specifications as outlined below. Consultant shall perform the following tasks:

Task 1. Project Management

Task 1 shall be on-going throughout the duration of the project. Consultant shall complete day-to-day project management tasks including: meetings, progress reports, tracking of schedules, invoicing and overall administration of the project.

- A. Project Kick-Off Meeting – Consultant shall schedule a meeting with the OCTA project manager or designated representative to kick-off the project; establish communication channels and protocols; discuss the scope of work, schedule, and budget; and obtain a thorough understanding of the goals for the project.
- B. Team Meetings (as needed) – Consultant shall coordinate team meetings as needed to include Consultant staff, OCTA staff, and other participants.

Deliverables:

- Project Kick-Off Meeting
- Team Meetings

Task 2. Turning Movement Count Data Collection

- A. Consultant shall perform intersection counts at one hundred one (101) CMP intersection locations established in Attachment A for the A.M. and P.M. peak periods. Note the intersections of Jamboree Road at the Edinger Avenue Ramps (#228 and #229) function as a single intersection and shall be counted/evaluated as such.

Manual counts shall involve at least one (1) person in the field at each intersection counting cars, bicycles, and pedestrians. Multiple people shall be needed for major intersections. Automatic methods such as tube counts shall not provide OCTA with adequate information, and shall not be accepted. Video counts are acceptable.

- B. Consultant shall collect intersection geometry and operational characteristics for all intersections that are counted as a part of this project.
- C. Consultant's proposal shall include a specific schedule for the traffic count data collection. Counts shall not be conducted between April 14 and April 25, 2025 (weeks before and after Easter). All CMP counts and re-counts shall be completed before the summer holiday period beginning May 18, 2025 (week before Memorial Day). Counts may not be collected in times as noted in Section "D" below. Recounts shall be required when the count data does not appear reasonable.
- D. Due to disruption of travel patterns, no traffic data shall be collected on holidays, days of inclement weather such as rainfall during the count period, during temporary construction activities which reduce the number of travel lanes or any incident that disrupts the normal flow of traffic without prior approval of OCTA.
- E. All traffic data shall be collected mid-week on a Tuesday, Wednesday, and Thursday.
- F. All counts shall be taken on three (3) separate days. These counts need not be done on consecutive days or in one (1) consecutive week.
- G. Consultant shall provide OCTA with a schedule (time and date) for all intersections, listed by jurisdiction, within **one (1) week** from the project kick-off meeting. OCTA shall be notified of any changes to the schedule twenty-four (24) hours prior to the change.
- H. All intersection counts shall include the following:
1. Counts of left turn, through, and right turn volumes in fifteen (15)-minute increments.

2. Separate pedestrian and bicycle counts shall be conducted simultaneously with intersection vehicle counts. Each of these counts should be distinguished from vehicle counts in data representations.
 3. The above information shall be recorded on schematics of the intersections. An example of a diagram showing items 1-2 is included in the Traffic Manual Count Form (Attachment B) provided by OCTA.
 4. Right-turn overlap for each approach shall be indicated if applicable. A right-turn overlap is when the driver can make a right turn on a green right-turn arrow during the left turn phase of the crossing street.
 5. Observed directional movements that are not cleared within a signal cycle shall be noted on the count form. The intersection does not clear when too many vehicles are stopped at an intersection for more than one (1) cycle. Intersections as such must be noted.
- I. For each intersection that is counted, Consultant shall create a diagram prepared in a logical, consistent format showing existing intersection lane configurations. This shall include:
- Number of lanes (left, through, right)
 - Turn pocket lengths
 - Special turn treatments (protected-permissive left turns, restricted right-turns, etc.)
 - Curb lane widths for all intersection approaches
 - North arrow oriented to indicate directional traffic consistent with requirement "L" below
 - A simplified phase diagram
- The curb lane width is the width of the rightmost lane closest to the curb. Curb lane width shall define the presence of de-facto right turn lanes where applicable, which shall be used in the intersection analysis done as part of Task 4. The diagrams are to be clearly titled with the intersection name. OCTA shall make available to Consultant lane configuration diagrams prepared for the 2023 CMP in Adobe Acrobat and GIS formats. These diagrams include aerial photos of each intersection from aerial photography. Consultant shall update these diagrams through field checks of each intersection prior to the counts. Updated aerial photographs must have similar or better resolution than what is currently used in the diagrams. Other sources of aerial photography must have proper usage rights and be approved by OCTA. An example of a diagram is included in Attachment C.
- J. The A.M. and P.M. peak hours, as determined by the highest four (4) consecutive fifteen (15)-minute continuous intervals, for each day counted, shall be determined from the count forms for each intersection. A three (3)-day

- average count for both A.M. and P.M. peak hours are also to be calculated using the peak hour count from each individual day. All count data submitted to the OCTA shall be both typewritten and in electronic format.
- K. Consultant shall average the three (3)-day counts (adding all three [3]-day volumes for each movement and dividing by three) and submit both the individual day counts and the average counts.
 - L. The direction of traffic flow shall be described as travel in the cardinal direction.
 - M. The A.M. peak period shall be between 6:00 A.M. - 9:00 A.M. and the P.M. peak period from 3:00 P.M. - 7:00 P.M. The A.M. and P.M. periods do not have to be counted on the same day.
 - N. Counts at grade separated intersections are to be performed the same day at all the intersections. For example, the interchange of Imperial Highway with Orangethorpe Avenue consists of three (3) separate intersections. All three (3) intersections must be counted, on the same days. Consultant shall note if there are any other CMP locations where recent construction has resulted in multiple intersections.

Deliverable:

- Count schedule

Task 3. Quality Control

All data shall be checked to ensure it is reasonable.

- A. Quality control checks shall be made by Consultant on all count data to check for reasonableness prior to submittal to OCTA. The quality control checks shall include thorough review of data and comparisons against the previous CMP counts, which shall be provided by OCTA. It is OCTA's preference that the quality control be performed by a qualified traffic engineer.
- B. OCTA and local jurisdictions shall review the count data and intersection diagrams submitted by the Consultant. Consultant shall make all revisions as needed based on agency comments. If, after review by Consultant, OCTA and/or local jurisdictions, the data does not appear reasonable or is in error, Consultant shall conduct a re-count of the intersection(s) in question at no expense to OCTA. All CMP re-counts shall be completed before the summer holiday period beginning May 18, 2025 (week before Memorial Day).
- C. Consultant shall provide OCTA with a memorandum comparing the current CMP traffic counts and previous CMP traffic counts to ensure reasonable preliminary counts have been collected. The memorandum shall include:

- Movement-by-movement, intersection total, and segment volume comparison tables
- Graphs and charts
- A brief summary of the calculations used in the comparison process
- A brief summary of when re-counts were conducted, when necessary

The above list is not necessarily comprehensive, and Consultant is encouraged to suggest other methods for comparison of the data if they are felt useful. The memorandum shall be submitted to OCTA by May 1, 2025.

Deliverable:

- 2025 CMP vs 2023 CMP count comparison memorandum

Task 4. Turning Movement Count Data Compilation and Analysis

- A. Prior to submitting the counts and analysis results, Consultant shall meet with OCTA staff to insure there is a clear understanding of the data format requirements.
- B. The turning movement count data and relevant intersection geometric data shall be provided digitally to OCTA in two (2) formats:
 1. Compiled into the UTDF version 6.0 AND in the National Data and Surveying Services (NDS)/Southland Car Counters style Excel spreadsheet. OCTA has a GIS-based Roadway Operation and Analysis Database System (ROADS) that shall store various transportation data, including traffic counts. It is intended for ROADS to be able to read both formats. UTDF is a text-based format developed to provide easy transfer of traffic data into the Synchro traffic signal analysis software developed by Trafficware. Data files in UTDF should be provided for intersection turning count data and geometrics. Attachment D includes a brief description of UTDF, along with an example. Attachment E includes an example of the NDS/Southland Car Counters style table.
 2. Compiled in OCTA ITM count format. OCTA is currently still refining the template. A draft version is included as Attachment F.
- C. Turning movement count data (in digital format) shall be provided to OCTA electronically as it becomes available.
- D. Consultant shall deliver digital versions (PDF as well as GIS, CAD, etc.) of the prepared geometric diagrams.
- E. Consultant shall calculate ICU values for all the intersections that counts were collected for. Consultant shall utilize the ROADS database ICU calculation

module (developed by the OCTA GIS team) to calculate all ICUs for this work effort. Files developed in Section B.1 of this task are used as input. To maintain consistency with the CMP analyses of previous years, the same program must be used. Consultant shall provide the digital file output for each analyzed intersection to OCTA. The ICU values for all CMP intersections must also be summarized in a single table. Access to ROADS shall be provided.

- F. Deliverables are to be submitted to OCTA by May 15, 2025, except locations that are recounted.

Deliverables:

- UTDF file of AM and PM scenarios
- Intersection information in NDS/Southland Car Counters style Excel spreadsheet
- Intersection counts in PDF or other electronic format
- OCTA ITM format files
- ROADS output files
- Intersection ICU Summary table
- Updated lane configuration diagrams in PDF and GIS formats
- Updated aerial photography if any

Task 5. Forty-Eight (48)-Hour Pedestrian/Bicycle Counts/e-Scooter

Consultant shall collect two-way forty-eight (48)-hour pedestrian/bicycle/e-scooter ADT volume counts at twenty (20) locations as established in Attachment H. Five (5) locations shall require the counts to be categorized by the details in Attachment H. The counts shall be conducted on one (1)-weekday following the same guidelines and restrictions explained in Task 2, sections C, D, and E, and one (1) Saturday. These counts shall generally be performed in October 2025. Consultant shall provide the traffic volume data digitally to OCTA in Microsoft Excel format following the template in Attachment I.

Deliverable:

- Pedestrian/Bicycle/e-Scooter count information in Excel format

Task 6. Twenty-Four (24)-Hour Mid-Block ADT Counts

Consultant shall collect two-way twenty-four (24)-hour ADT volume counts at a minimum of fifty (50) mid-block segments to be defined by OCTA after the start of the project. The counts shall be conducted on weekdays following the same guidelines and restrictions explained in Task 2, sections C, D, and E. Consultant shall provide the traffic volume data digitally to OCTA in Segment Count format. OCTA is currently still refining the template. A draft version is included as Attachment G.

Deliverable:

- Twenty-Four (24)-Hour ADT Count information in OCTA Segment Count format

Task 7. Supplemental Intersection Counts

Consultant shall collect intersection peak period turning movement counts at forty-eight (48) locations established in Attachment J. Counts shall be conducted following the guidelines established in Task 2, sections B, C, D, and E, and performed no later than the week of November 3rd, 2025. Each intersection shall have one (1) day of counts. Turning movement count data (in digital format) shall be provided to OCTA electronically as it becomes available. Volumes on the freeway ramps must be captured.

Deliverables:

- Intersection information in NDS/Southland Car Counters style Excel spreadsheet
- Intersection counts in PDF or other electronic format
- OCTA ITM format files

Task 8. Supplemental Travel Time Runs

Travel time runs shall be collected for I-405 between MacArthur Boulevard and Lakewood Boulevard. AM peak period (6:00 A.M. - 10:00 A.M.) runs shall be performed for the southbound direction and PM peak period (3:00 P.M. - 7:00 P.M.) runs shall be performed for the northbound direction. Travel time runs shall follow the collection guidelines established in Task 2, sections C, D, and E, and performed no later than the week of November 3, 2025. Travel time runs impacted by freeway incidents and/or construction activity must be redone. Each direction shall have sixteen (16) runs occurring in fifteen (15)-minute intervals for a total of thirty-two (32) runs.

Deliverables:

- Travel Time information in electronic format

Task 9. Twenty-Four (24)-Hour Freeway Mainline Counts

Consultant shall collect two (2)-way twenty-four (24)-Hour ADT volume counts at a minimum of six (6) mainline freeway segments to be defined by OCTA after the start of the project. The counts shall be conducted on weekdays following the same guidelines and restrictions explained in Task 2, sections C, D, and E. Vehicles shall, at minimum, be classified in the following categories: passenger vehicles, 2-axle trucks, 3-axle trucks, 4 or more axle trucks, RV, buses. Consultant shall provide the traffic volume data digitally to OCTA in OCTA Segment Count format.

Deliverable:

- Twenty-Four (24)-Hour Freeway Mainline Count information in OCTA Segment Count format

LIMITATION ON GOVERNMENTAL DECISIONS

Nothing contained in this scope of work permits Consultant's personnel to authorize or direct any actions, votes, appoint any person, obligate, or commit OCTA to any course of action or enter into any contractual agreement on behalf of OCTA. In addition, Consultant's personnel shall not provide information, an opinion, or a recommendation for the purpose of affecting a decision without significant intervening substantive review by OCTA personnel, counsel, and management.

Intersection Count List

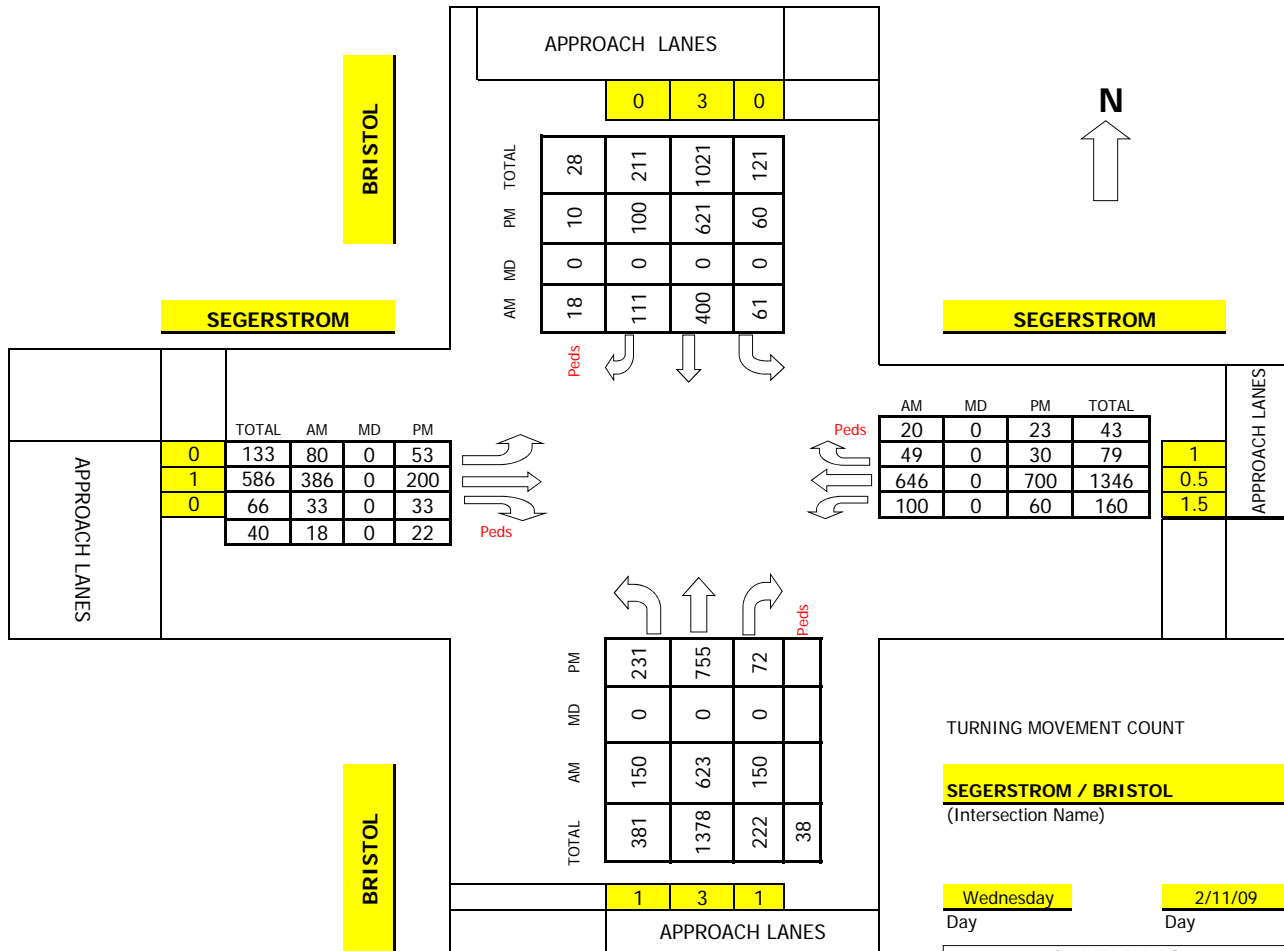
Jurisdiction	Intersection/Interchange	Program	ID
Anaheim	Anaheim Way-I-5 NB Ramp/Katella Avenue	CMP	1
Anaheim	Harbor Blvd./Katella Avenue	CMP	2
Anaheim	Harbor Boulevard/I-5 SB Ramps	CMP	3
Anaheim	Harbor Boulevard/SR-91 EB Ramps	CMP	4
Anaheim	I-5 NB Ramp/Harbor Boulevard	CMP	5
Anaheim	I-5 SB Ramps/Katella Avenue	CMP	6
Anaheim	Imperial Highway Connector/Orangethorpe Avenue	CMP	7A
Anaheim	Imperial Highway/Orangethorpe Avenue Connector	CMP	7B
Anaheim	Imperial Highway NB Ramp/Orangethorpe Avenue	CMP	7C
Anaheim	SR-57 NB Ramps/Katella Avenue	CMP	8
Anaheim	SR-57 SB Ramps/Katella Avenue	CMP	9
Anaheim	SR-91 EB Ramp/Imperial Highway	CMP	10
Anaheim	SR-91 EB Ramps/State College Boulevard	CMP	11
Anaheim	SR-91 EB Ramps/Tustin Avenue	CMP	12
Anaheim	SR-91 WB Ramp/Harbor Boulevard	CMP	13
Anaheim	SR-91 WB Ramp/Imperial Highway	CMP	14
Anaheim	SR-91 WB Ramp/State College Boulevard	CMP	15
Anaheim	SR-91 WB Ramps/Tustin Avenue	CMP	16
Brea	SR-57 SB Ramps/Imperial Highway	CMP	27
Brea	State College Boulevard/Imperial Highway	CMP	28
Brea	Valencia Avenue/Imperial Highway	CMP	29
Buena Park	Beach Boulevard/Orangethorpe Avenue	CMP	33
Buena Park	I-5 SB Ramps/Beach Boulevard	CMP	34
Buena Park	SR-91 EB Ramp/Beach Boulevard	CMP	35
Buena Park	SR-91 EB Ramp/Valley View Street	CMP	36
Buena Park	SR-91 WB Ramp/Beach Boulevard	CMP	37
Buena Park	SR-91 WB Ramp/Valley View Street	CMP	38
Costa Mesa	Harbor Boulevard/Adams Avenue	CMP	41
Costa Mesa	I-405 SB Ramps/Harbor Boulevard	CMP	42
Costa Mesa	I-405 NB Ramps/Harbor Boulevard	CMP	48
Laguna Beach	El Toro Road/SR-73 NB Ramps	CMP	52
Laguna Beach	El Toro Road/SR-73 SB Ramps	CMP	53
Laguna Beach	Laguna Canyon Rd/SR-73 NB Ramps	CMP	54
Laguna Beach	Laguna Canyon Rd/SR-73 SB Ramps	CMP	55
County of Orange	SR-133 NB Ramps/Irvine Boulevard	CMP	56
County of Orange	SR-133 SB Ramps/Irvine Boulevard	CMP	57
Irvine	SR-261 NB Ramps/Irvine Boulevard	CMP	58
Irvine	SR-261 SB Ramps/Irvine Boulevard	CMP	59
Laguna Woods	Moulton Parkway/El Toro Road	CMP	60
Brea	SR-57 NB Ramp/Imperial Highway	CMP	77
Cypress	Valley View Street/Katella Avenue	CMP	78
Dana Point	Crown Valley Parkway/Bay Drive/PCH	CMP	80
Dana Point	Street of the Golden Lantern/Del Prado Avenue	CMP	81
Dana Point	Street of the Golden Lantern/PCH	CMP	82
Fullerton	Harbor Boulevard/Orangethorpe Avenue	CMP	85
Fullerton	State College Boulevard/Orangethorpe Avenue	CMP	86
Garden Grove	SR-22 WB Ramp/Valley View Street	CMP	94
Garden Grove	SR-22 WB Ramps/Harbor Boulevard	CMP	95
Huntington Beach	Beach Boulevard/I-405 SB Ramp/Edinger Avenue	CMP	96
Huntington Beach	Beach Boulevard/Adams Avenue	CMP	97
Huntington Beach	Beach Boulevard/Pacific Coast Highway	CMP	98
Huntington Beach	Beach Boulevard/Warner Avenue	CMP	99
Huntington Beach	Bolsa Chica Street/Bolsa Avenue	CMP	100
Huntington Beach	Bolsa Chica Street/Warner Avenue	CMP	101
Huntington Beach	Pacific Coast Highway/Warner Avenue	CMP	102
Irvine	I-405 NB Ramps/Enterprise/Irvine Center Drive	CMP	108
Irvine	I-405 NB Ramps/Jamboree Road	CMP	109
Irvine	I-405 SB Ramps/Irvine Center Drive	CMP	110
Irvine	I-405 SB Ramps/Jamboree Road	CMP	111
Irvine	I-5 NB Ramps/Jamboree Road	CMP	112

Intersection Count List

Jurisdiction	Intersection/Interchange	Program	ID
Irvine	I-5 SB Ramps/Jamboree Road	CMP	113
Irvine	MacArthur Boulevard/Jamboree Road	CMP	114
La Habra	Harbor Boulevard/Imperial Highway	CMP	139
La Habra	Beach Boulevard/Imperial Highway	CMP	140
La Habra	Beach Boulevard/Whittier Boulevard	CMP	141
Laguna Beach	Laguna Canyon Road/El Toro Road	CMP	142
Laguna Beach	Laguna Canyon Road/Pacific Coast Highway	CMP	143
Laguna Hills	I-5 SB Ramp/Avenue de la Carlotta/El Toro Road	CMP	144
Laguna Niguel	Moulton Parkway/SR-73 SB Ramps	CMP	150
Laguna Niguel	Moulton Parkway/Crown Valley Parkway	CMP	151
Lake Forest	I-5 NB/Bridger/El Toro Road	CMP	155
Lake Forest	Trabuco Road/El Toro Road	CMP	156
Los Alamitos	I-605 NB Ramps/Katella Avenue	CMP	159
Mission Viejo	I-5 NB Ramps/Crown Valley Parkway	CMP	161
Mission Viejo	I-5 SB Ramps/Crown Valley Parkway	CMP	162
Newport Beach	MacArthur Boulevard/Pacific Coast Highway	CMP	163
Newport Beach	Newport Boulevard/Pacific Coast Highway	CMP	164
Orange	SR-55 NB Ramps/Sacramento/Katella Avenue	CMP	171
Orange	SR-55 SB Ramps/Katella Avenue	CMP	172
Placentia	Rose Drive/Imperial Highway	CMP	177
Placentia	Del Cerro Drive/Orangethorpe Avenue	CMP	178A
Placentia	Rose Drive/Del Cerro Drive	CMP	178B
Placentia	SR-57 NB Ramps/Orangethorpe Avenue	CMP	179
Placentia	SR-57 SB Ramps/Iowa Place/Orangethorpe Avenue	CMP	180
San Juan Capistrano	I-5 NB Ramps/Ortega Highway	CMP	188
San Juan Capistrano	I-5 SB Ramps/Ortega Highway	CMP	189
Santa Ana	Harbor Boulevard/1st Street	CMP	190
Santa Ana	Harbor Boulevard/Warner Avenue	CMP	191
Santa Ana	I-5 SB Ramps/1st Street	CMP	192
Santa Ana	SR-55 SB Ramp/Auto Mall/Edinger Avenue	CMP	193
Santa Ana	SR-55 SB Ramps/Irvine Boulevard	CMP	194
Stanton	Beach Boulevard/Katella Avenue	CMP	227
Tustin	Jamboree Road/Edinger Avenue-NB Ramp	CMP	228
Tustin	Jamboree Road/Edinger Avenue-SB Ramp	CMP	229
Tustin	Jamboree Road/Irvine Boulevard	CMP	230
Tustin	SR-55 NB Ramps/Edinger Avenue (Newport/Del Amo)	CMP	231
Tustin	SR-55 NB Ramps/Irvine Boulevard	CMP	232
Westminster	Beach Boulevard/Bolsa Avenue	CMP	241
Westminster	Bolsa Chica Road (Valley View)/Garden Grove Boulevard	CMP	242
Garden Grove	SR-22 WB Ramps at Beach Boulevard	CMP	243
Garden Grove	SR-22 EB Ramps at Beach Boulevard	CMP	244

TMC Summary of BRISTOL/SEGERSTROM

Project #:



TURNING MOVEMENT COUNT

SEGERSTROM / BRISTOL
(Intersection Name)

Wednesday
Day

2/11/09
Day

COUNT PERIODS

am	6:00 AM	-	9:00 AM
noon	11:00 AM	-	1:00 PM
pm	3:00 PM	-	7:00 PM

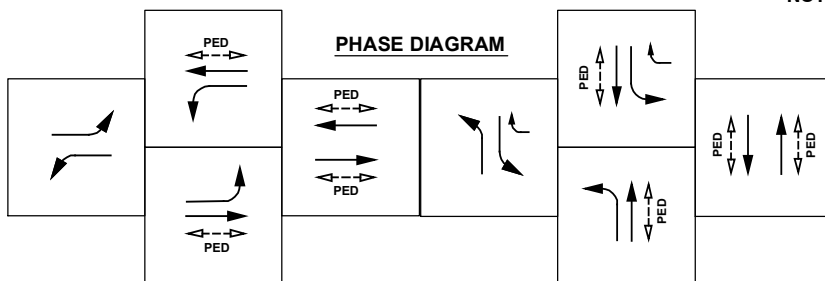
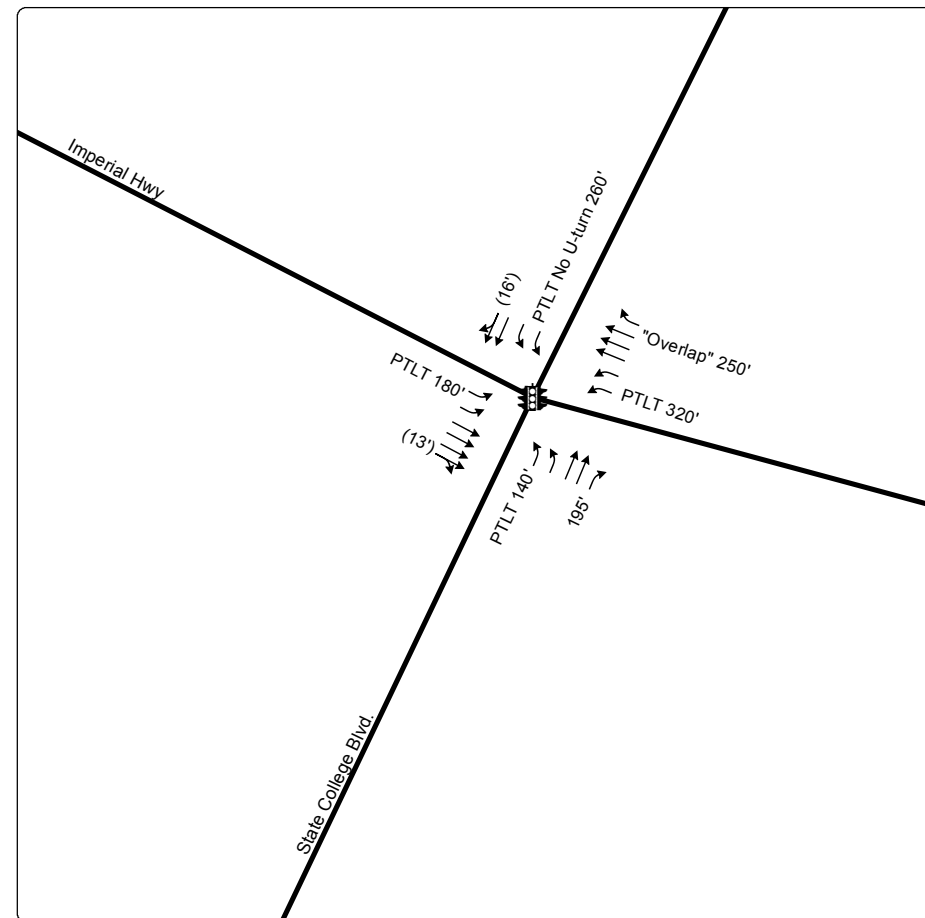
AM PEAK HOUR 7:30 AM

NOON PEAK HOUR N/A

PM PEAK HOUR 5:00 PM



NOT TO SCALE



LEGEND

- Turn Lane
- XX(YY) Pocket Length (Lane Width)
- Traffic Signal
- PTLT Protected Left-Turn
- PMLT Permitted Left-Turn
- PPLT Protected/Permitted Left-Turn
- "Free" Uncontrolled Right-Turn
- "Overlap" Overlapped Right-Turn
- "Restricted" No Right-Turn on RED

Data Collected in 2015



UTDF Standards

Two UTDF files are required for the CMP – a volume file and geometry file. Both are text based, and should be comma delineated. The contents of each are listed below.

Volume text file formats

Trafficware recommends the volume files to have the name VOLUME.CSV. This file can contain data for multiple intersections, time periods, and days. The first three lines are headers with information on the data contained in the file. The forth line identifies the different fields including: date, time (military format), intersection ID (should match the CMP intersection ID number), and the turning movement count. A 15-minute turning movement count data file created in UTDF looks like this:

```
Turning Movement Count
Collected By:John Doe
15 Minute Counts
DATE,TIME,INTID,NBL,NBT,NBR,SBL,SBT,SBR,EBL,EBT,EBR,WBL,WBT,WBR
10/30/08,0600,1,5,53,19,14,13,4,55,68,7,51,44,13
10/30/08,0615,1,5,51,22,16,12,6,54,85,8,84,52,11
10/30/08,0630,1,4,25,11,18,19,10,45,78,7,50,34,23
...
10/30/08,0600,2,5,45,23,22,18,10,66,97,15,64,44,53
10/30/08,0615,2,4,61,25,14,12,6,55,84,7,83,51,44
10/30/08,0630,2,4,55,11,18,19,10,45,78,10,66,34,23
...
```

Geometry text file format

Trafficware recommends that geometry files be names LANES.CSV. The standard comma delineated lane file and header created by UTDF looks like this:

```
Lane Group Data
RECORDNAME,INTID,NBL,NBT,NBR,SBL,SBT,SBR,EBL,EBT,EBR,WBL,WBT,WBR
"Lanes",1,1,2,1,1,2,0,0,1,0,0,1,0
"Shared",1,,2,,2,,3,,3,
"Lanes",2,1,2,1,1,2,0,0,1,0,1,1,0
"Shared",2,0,,2,,3,,1,
"Width",1,12,12,12,12,12,12,12,12,12,12,12,12
"Storage",1,150,,150,,,,,
"StLanes",1,1,,1,,,,,
```

This file can contain multiple intersections as shown above. Different intersections are indicated by different values of "INTID." The normal columns and fields are shown in the sample file above. The "Lanes" field contains the number of lanes in the lane group. "Shared" contains a flag describing shared lanes and is further discussed below. "Width" includes the lane width for each lane group, in feet. "Storage" contains the length of any turning pockets, in feet. If there is no turning pocket, this field is left

empty. "StLanes" contains the number of turning pocket (storage) lanes. This can be more or less than the number of turning lanes, but if there is a turning pocket this number must be at least 1.

The shared field uses the following values 0,1,2,3 to indicate lanes shared with no turn, left turn, right turn, and both turns, respectively. It should only be filled-in for the primary lane group for each direction. As an example, to indicate lanes of L, LT, T, R use the following:

RECORDNAME	NBL	NBT	NBR
Lanes	1	2	1
Shared		1	

As another example, to indicate lanes of L, T, TR use the following:

RECORDNAME	NBL	NBT	NBR
Lanes	1	2	0
Shared		2	

APPENDIX E - Digital Traffic Count Formats.

1. NDS/FDS – Southland Car Counters

N-S STREET: [Euclid St](#) DATE: [11/14/2006](#) LOCATION: [City of Fountain Valley](#)
E-W STREET: [Talbert Ave](#) DAY: [TUESDAY](#) PROJECT# [06-1316-025](#)

	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	2	2.5	0.5	2	2.5	0.5	2	2	0	2	2	1	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	22	160	22	106	161	31	26	254	5	12	83	15	897
7:15 AM	29	147	30	128	192	49	25	291	10	19	114	20	1054
7:30 AM	36	159	41	150	202	63	27	339	14	31	142	15	1219
7:45 AM	32	145	33	135	206	50	23	302	21	28	151	21	1147
8:00 AM	41	150	36	142	209	48	29	280	18	30	135	28	1146
8:15 AM	35	142	38	129	182	94	37	255	17	25	117	20	1091
8:30 AM	38	143	31	118	194	48	32	233	16	19	101	17	990
8:45 AM	30	131	26	94	152	39	26	180	13	16	80	12	799
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
VOLUMES =	263	1177	257	1002	1498	422	225	2134	114	180	923	148	8343

AM Peak Hr Begins at: 730 AM

PEAK													
VOLUMES =	144	596	148	556	799	255	116	1176	70	114	545	84	4603
PEAK HR. FACTOR:		0.941			0.970			0.896			0.929		0.944

CONTROL: [Signalized](#)

2. JAMAR – Comma Separated Variables (C,S,V)

Start Date,11/1/2006
Start Time,07:00
Site Code,00000976
Street Name,EUCLID STREET--Southbound,,,,LA PALMA AVENUE--Westbound,,,,EUCLID STREET--Northbound,,,,LA PALMA AVENUE--Eastbound,,,,
Start Time,Right ,Thru ,Left ,Peds ,Right ,Thru ,Left ,Peds ,Right ,Thru ,Left ,Peds ,Right ,Thru ,Left ,Peds ,
07:00 AM,26,352,40,1,32,78,36,5,27,261,19,4,35,103,53,3
07:00 AM,0,1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
07:00 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
07:15 AM,32,338,34,2,26,141,37,0,19,264,27,0,35,201,53,4
07:15 AM,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0
07:15 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
07:30 AM,47,393,32,3,37,120,37,2,37,328,23,2,35,203,55,4
07:30 AM,0,2,0,0,0,0,0,0,0,0,0,0,0,0,2,0,0
07:30 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
07:45 AM,44,381,38,2,55,149,46,3,37,295,31,2,59,233,38,5
07:45 AM,0,0,0,0,0,0,1,0,0,0,0,0,0,0,0,1,0,0
07:45 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
08:00 AM,50,295,26,4,54,118,38,0,44,313,70,3,26,182,83,6
08:00 AM,0,0,0,0,0,0,0,0,0,0,0,2,0,0,0,0,0,0
08:00 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
08:15 AM,47,256,46,5,60,109,29,0,32,223,24,5,40,185,42,5
08:15 AM,0,3,0,0,0,0,4,0,0,0,0,0,0,0,0,0,0,0
08:15 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
08:30 AM,42,315,44,5,47,97,43,4,56,282,34,4,37,147,44,4
08:30 AM,0,0,0,0,0,0,2,0,0,0,0,0,0,0,0,1,0,0
08:30 AM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
08:45 AM,26,275,51,4,40,106,43,2,44,241,19,2,32,133,29,2
08:45 AM,0,1,0,0,0,0,2,0,0,0,0,2,0,0,0,0,2,0,0

. . . (data removed from exhibit)

12:00 PM,32,195,37,4,53,118,61,5,28,219,62,4,43,92,60,4
12:00 PM,0,1,0,0,0,0,0,0,0,0,2,0,0,0,0,0,0,0
12:00 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12:15 PM,37,285,49,4,41,77,47,4,37,268,93,0,42,79,43,5
12:15 PM,0,0,0,0,0,0,1,0,0,0,0,0,0,0,0,1,0,0
12:15 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12:30 PM,28,292,47,4,36,110,68,2,30,254,37,4,52,116,31,5
12:30 PM,0,2,0,0,0,0,1,0,0,0,0,2,0,0,0,0,1,0,0
12:30 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12:45 PM,25,272,54,5,40,98,45,2,23,260,98,5,40,103,27,2
12:45 PM,0,0,0,0,0,0,1,0,0,0,0,2,0,0,0,0,0,0
12:45 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
01:00 PM,32,241,48,5,33,99,51,3,35,307,38,2,28,101,31,3

01:00 PM,0,1,0,0,0,0,0,0,0,1,0,0,0,1,0,0
01:00 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
01:15 PM,28,305,54,2,30,72,63,2,45,317,32,2,13,61,36,2
01:15 PM,0,1,0,0,0,2,0,0,0,0,0,0,0,0,0,0
01:15 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
01:30 PM,26,271,33,2,48,109,47,2,46,304,35,3,33,99,46,2
01:30 PM,0,0,0,0,0,1,0,0,0,0,0,0,0,2,0,0
01:30 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
01:45 PM,23,295,65,3,46,89,47,1,45,322,48,2,34,97,68,1

. . . (data removed from exhibit)

04:00 PM,39,310,59,4,62,139,53,6,36,358,46,6,28,127,44,4
04:00 PM,0,1,0,0,0,1,0,0,0,2,0,0,0,1,0,0
04:00 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
04:15 PM,38,325,51,4,59,179,64,6,31,316,52,6,33,138,61,5
04:15 PM,0,2,0,0,0,1,0,0,0,3,0,0,0,1,0,0
04:15 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
04:30 PM,49,311,47,5,55,192,52,5,26,353,53,4,39,128,44,6
04:30 PM,0,0,0,0,0,1,0,0,0,3,0,0,0,1,0,0
04:30 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
04:45 PM,23,317,43,6,46,253,76,6,37,316,37,5,27,157,44,2
04:45 PM,0,3,0,0,0,0,0,0,0,2,0,0,0,0,0,0
04:45 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
05:00 PM,48,354,42,5,69,169,60,6,34,365,65,3,23,119,45,3
05:00 PM,0,2,0,0,0,1,0,0,0,0,0,0,0,1,0,0
05:00 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
05:15 PM,40,298,45,2,51,220,77,3,43,326,48,2,40,160,54,9
05:15 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0
05:15 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
05:30 PM,54,317,52,2,60,175,59,3,30,340,69,3,25,143,39,6
05:30 PM,0,2,0,0,0,2,0,0,0,0,0,0,0,0,0,0
05:30 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
05:45 PM,56,281,46,3,91,202,57,3,34,324,57,2,21,167,46,8
05:45 PM,0,1,0,0,0,1,0,0,0,0,0,0,0,0,0,0
05:45 PM,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0

ID_OCTA	FACILITY_TYPE	COUNT_TYPE	ROADNAME_NB	ROADNAME_SB	ROADNAME_EB	ROADNAME_WB	LONGITUDE	LATITUDE	AGENCY	DATA_YEAR	DAY_TYPE	BIN_MINS	PROJECT_NAME
3907	SIGNALIZED	VEH_BKE_PED	N SULLIVAN ST	N SULLIVAN ST	W 1ST ST	W 1ST ST	33.745287	-117.902564	SANTA ANA	2022	WEEKDAY	15	ProjectP_2021_1ST&BOLSA

COUNT	DATE	BEGIN_TIN	BEGIN_PE	NBU_VEH	NBL_VEH	NBT_VEH	NBR_VEH	SBU_VEH	SBL_VEH	SBT_VEH	SBR_VEH	EBU_VEH	EBL_VEH	EBT_VEH	EBR_VEH	WBU_VEH	WBL_VEH	WBT_VEH	WBR_VEH	NBU_BKE	NBL_BKE	NBT_BKE	NBR_BKE	SBU_BKE	SBL_BKE	SBT_BKE	SBR_BKE	EBU_BKE	
	09/27/2022	0:00																											
	09/27/2022	0:15																											
	09/27/2022	0:30																											
	09/27/2022	0:45																											
	09/27/2022	1:00																											
	09/27/2022	1:15																											
	09/27/2022	1:30																											
	09/27/2022	1:45																											
	09/27/2022	2:00																											
	09/27/2022	2:15																											
	09/27/2022	2:30																											
	09/27/2022	2:45																											
	09/27/2022	3:00																											
	09/27/2022	3:15																											
	09/27/2022	3:30																											
	09/27/2022	3:45																											
	09/27/2022	4:00																											
	09/27/2022	4:15																											
	09/27/2022	4:30																											
	09/27/2022	4:45																											
	09/27/2022	5:00																											
	09/27/2022	5:15																											
	09/27/2022	5:30																											
	09/27/2022	5:45																											
	09/27/2022	6:00																											
	09/27/2022	6:15																											
	09/27/2022	6:30																											
	09/27/2022	6:45																											
	09/27/2022	7:00		0	26	44	23	0	10	13	9	0	2	295	16	0	12	152	6	0	1	3	0	0	0	0	1	0	0
	09/27/2022	7:15		0	23	45	29	0	7	28	3	4	7	352	15	0	13	209	5	0	0	0	0	0	0	0	1	3	0
	09/27/2022	7:30 AM_PEAK		0	34	58	35	0	11	62	8	1	6	281	16	0	17	264	13	0	2	2	0	0	0	1	0	2	0
	09/27/2022	7:45		0	22	35	37	0	12	53	14	6	12	369	29	1	22	235	5	0	0	0	0	0	0	0	0	1	0
	09/27/2022	8:00		0	24	40	27	0	12	38	12	4	9	356	21	1	15	205	9	0	0	0	0	0	0	0	0	0	0
	09/27/2022	8:15		0	13	23	40	0	11	18	10	5	10	380	14	1	6	196	7	0	0	0	0	0	0	0	0	0	0
	09/27/2022	8:30		0	9	13	33	0	3	16	5	3	6	308	20	2	10	202	13	0	0	1	0	0	0	1	0	0	0
	09/27/2022	8:45		0	11	14	17	0	3	8	5	3	7	249	16	1	14	198	5	0	0	0	0	0	0	0	0	0	0
	09/27/2022	9:00																											
	09/27/2022	9:15																											
	09/27/2022	9:30																											
	09/27/2022	9:45																											
	09/27/2022	10:00																											
	09/27/2022	10:15																											
	09/27/2022	10:30																											
	09/27/2022	10:45																											
	09/27/2022	11:00																											
	09/27/2022	11:15																											
	09/27/2022	11:30																											
	09/27/2022	11:45																											
	09/27/2022	12:00																											
	09/27/2022	12:15		0	12	11	22	0	4	13	6	12	7	180	17	0	14	189	8	0	0	0	0	0	0	0	0	2	0
	09/27/2022	12:30		0	14	19	13	0	9	12	13	6	5	197	22	0	16	217	4	0	0	0	0	0	0	0	0	0	0
	09/27/2022	12:45		0	9	19	19	0	4	10	9	4	4	186	21	0	14	193	5	0	0	1	0	0	0	0	0	0	0
	09/27/2022	13:00		0	8	20	22	0	6	8	11	5	4	187	20	0	23	209	12	0	1	0	0	0	0	0	0	0	0
	09/27/2022	13:15		0	12	21	17	0	5	18	3	7	5	212	21	1	16	180	8	0	1	0	1	0	0	0	0	0	0
	09/27/2022	13:30 MD_PEAK		0	12	19	17	0	2	14	8	4	5	218	27	1	21	223	8	0	0	0	0	0	0	0	0	0	0
	09/27/2022	13:45		0	15	23	27	0	13	28	6	5	9	187	28	1	28	245	11	0	1	0	0	0	0	0	0	1	0
	09/27/2022	14:00		0	17	31	36	0	7	46	11	2	3	241	17	0	18	250	13	0	0	0	0	0	1	0	0	0	
	09/27/2022	14:15																											
	09/27/2022	14:30																											
	09/27/2022	14:45																											
	09/27/2022	15:00																											
	09/27/2022	15:15																											
	09/27/2022	15:30		0	24	52	26	0	8	33	9	8	17	280	22	1	33	305	8	0	0	2	0	0	0	0	0	0	0
	09/27/2022	15:45		0	15	31	22	0	11	29	6	8	18	246	22	1	40	308	7	0	0	0	0	0	0	0	1	0	0
	09/27/2022	16:00		0	16	32	31	0	7	27	5	8	6	241	29	0	24	306	10	0	1	2	1	0	0	0	0	0	0
	09/27/2022	16:15		0	23	38	32	0	10	40	10	5	17	211	26	3	40	253	10	0	0	0	0	0	0	0	0	0	0
	09/27/2022	16:30		0	26	23	27	0	9	17	5	7	7	262	28	1	29	355	16	0	0	0	1	0	0	0	0	1	0
	09/27/2022	16:45 PM_PEAK		0	14	36	30	0	13	39	8	10	7	251	30	0	27	314	9	0	0	0	0	0	0	0	0	0	0
	09/27/2022	17:00		0	18	28	30	0	11	32	5	7	5	261	44	0	35	351	14	0	0	0	1	0	0	0	1	1	0
	09/27/2022	17:15		0	13	36	22	0	5	31	8	4	8	238	27	1	25	337	10	0	0	1	0	0	0	0	0	1	0
	09/27/2022	17:30																											
	09/27/2022	17:45																											
	09/27/2022	18:00																											

EBL_BKE	EBT_BKE	EBR_BKE	WBU_BKE	WBL_BKE	WBT_BKE	WBR_BKE	NLEB_BKE	NLWB_BKE	SLEB_BKE	SLWB_BKE	ELNB_BKE	ELSB_BKE	WNLB_BKE	WLSB_BKE	NLEB_PED	NLWB_PED	SLEB_PED	SLWB_PED	ELNB_PED	ELSB_PED	WNLB_PED	WLSB_PED
---------	---------	---------	---------	---------	---------	---------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

1	2	0	0	0	0	2																
1	0	0	0	0	0	0																
0	2	0	0	1	4	1																
0	1	0	0	0	2	1																
0	0	0	0	0	0	0																
0	1	0	0	2	0	0																
0	0	0	0	0	0	0																
0	0	0	0	0	0	0																

1	2	0	5	5	0	9	1
1	1	4	4	5	0	9	0
1	3	7	3	4	0	10	3
0	1	1	4	2	1	0	0
1	0	1	0	1	1	1	0
0	2	0	0	0	0	2	2
2	3	2	2	1	0	2	2
1	0	2	1	0	0	2	0

1	1	0	0	0	0	1																
1	1	0	0	0	0	1																
0	1	0	0	0	0	0																
1	1	0	0	0	1	0																
1	2	0	0	0	0	0																
0	1	0	0	0	1	0																
0	0	0	0	0	0	1																
0	1	0	0	0	1	1																

0	1	1	2	0	1	0	4
1	4	0	0	0	0	0	2
4	0	0	1	0	0	0	0
3	1	1	2	1	3	1	0
1	3	0	1	0	1	0	1
1	0	6	0	0	1	0	2
3	1	4	3	1	4	1	2
3	3	7	7	0	1	1	11

2	5	0	0	0	0	0																
0	1	0	0	0	1	0																
0	1	0	0	0	0	0																
0	0	0	0	0	0	0																
0	4	1	0	0	3	0																
0	2	0	0	0	2	0																
0	0	0	0	0	0	0																
0	4	0	0	0	2	0																

2	0	5	0	1	2	3	6
10	0	2	1	1	9	0	6
1	1	2	1	3	1	1	2
1	1	1	0	1	1	1	1
1	3	3	0	1	2	0	5
2	2	3	0	2	0	0	1
5	1	3	2	0	3	2	3
3	1	7	0	3	2	1	3

Term	Description
ID_OCTA	OCTA defined facility ID
FACILITY_TYPE	Type of facility being counted (SIGNALIZED, UNSIGNALIZED)
COUNT_TYPE	Types of transportation modes counted (BKE,BKE_PED,PED,VEH,VEH_BKE,VEH_BKE_PED,VEH_PED)
ROADNAME_NB	Road name for the northbound approach (south leg). Label alignment consistent with local agency.
ROADNAME_SB	Road name for the southbound approach (north leg). Label alignment consistent with local agency.
ROADNAME_EB	Road name for the eastbound approach (west leg). Label alignment consistent with local agency.
ROADNAME_WB	Road name for the westbound approach (east leg). Label alignment consistent with local agency.
LONGITUDE	Longitude coordinate for count location
LATITUDE	Latitude coordinate for count location
AGENCY	Governing agency for count location
DATA_YEAR	Data year
DAY_TYPE	Weekday or weekend data
BIN_MINS	Data aggregate increment in minutes
PROJECT_NAME	Project name
COUNT_DATE	Date (MM/DD/YYYY) the count was collected. All count in same tab, including multiple dates.
BEGIN_TIME	Begin time of each data bin
BEGIN_PEAK_HR	Begin time of peak hour
NBU_VEH	Northbound u-turn movement vehicle count
NBL_VEH	Northbound left-turn movement vehicle count
NBT_VEH	Northbound through movement vehicle count
NBR_VEH	Northbound right-turn movement vehicle count
SBU_VEH	Southbound u-turn movement vehicle count
SBL_VEH	Southbound left-turn movement vehicle count
SBT_VEH	Southbound through movement vehicle count
SBR_VEH	Southbound right-turn movement vehicle count
EBU_VEH	Eastbound u-turn movement vehicle count
EBL_VEH	Eastbound left-turn movement vehicle count
EBT_VEH	Eastbound through movement vehicle count
EBR_VEH	Eastbound right-turn movement vehicle count
WBU_VEH	Westbound u-turn movement vehicle count
WBL_VEH	Westbound left-turn movement vehicle count
WBT_VEH	Westbound through movement vehicle count
WBR_VEH	Westbound right-turn movement vehicle count
NBU_BKE	Northbound u-turn movement bike count
NBL_BKE	Northbound left-turn movement bike count
NBT_BKE	Northbound through movement bike count
NBR_BKE	Northbound right-turn movement bike count
SBU_BKE	Southbound u-turn movement bike count
SBL_BKE	Southbound left-turn movement bike count
SBT_BKE	Southbound through movement bike count
SBR_BKE	Southbound right-turn movement bike count
EBU_BKE	Eastbound u-turn movement bike count
EBL_BKE	Eastbound left-turn movement bike count
EBT_BKE	Eastbound through movement bike count
EBR_BKE	Eastbound right-turn movement bike count
WBU_BKE	Westbound u-turn movement bike count
WBL_BKE	Westbound left-turn movement bike count
WBT_BKE	Westbound through movement bike count
WBR_BKE	Westbound right-turn movement bike count
NLEB_BKE	North leg sidewalk-crosswalk eastbound bike count
NLWB_BKE	North leg sidewalk-crosswalk westbound bike count
SLEB_BKE	South leg sidewalk-crosswalk eastbound bike count
SLWB_BKE	South leg sidewalk-crosswalk westbound bike count
ELNB_BKE	East leg sidewalk-crosswalk northbound bike count
ELSB_BKE	East leg sidewalk-crosswalk southbound bike count
WLNb_BKE	West leg sidewalk-crosswalk northbound bike count
WLSB_BKE	West leg sidewalk-crosswalk southbound bike count
NLEB_PED	North leg crosswalk eastbound pedestrian count
NLWB_PED	North leg crosswalk westbound pedestrian count
SLEB_PED	South leg crosswalk eastbound pedestrian count
SLWB_PED	South leg crosswalk westbound pedestrian count
ELNB_PED	East leg crosswalk northbound pedestrian count
ELSB_PED	East leg crosswalk southbound pedestrian count
WLNb_PED	West leg crosswalk northbound pedestrian count
WLSB_PED	West leg crosswalk southbound pedestrian count

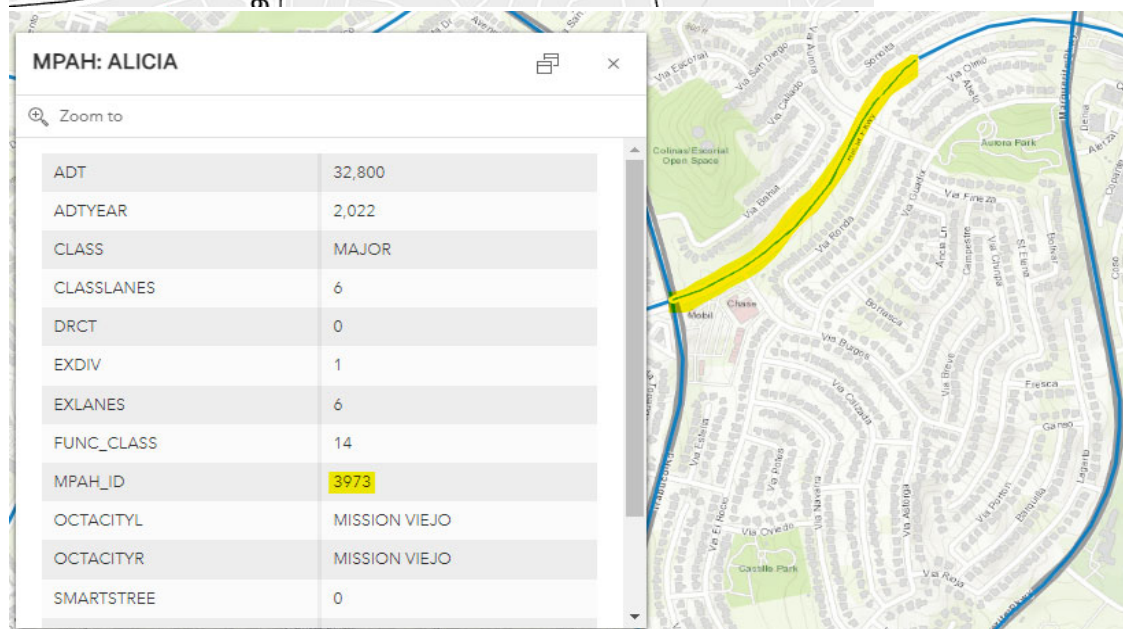
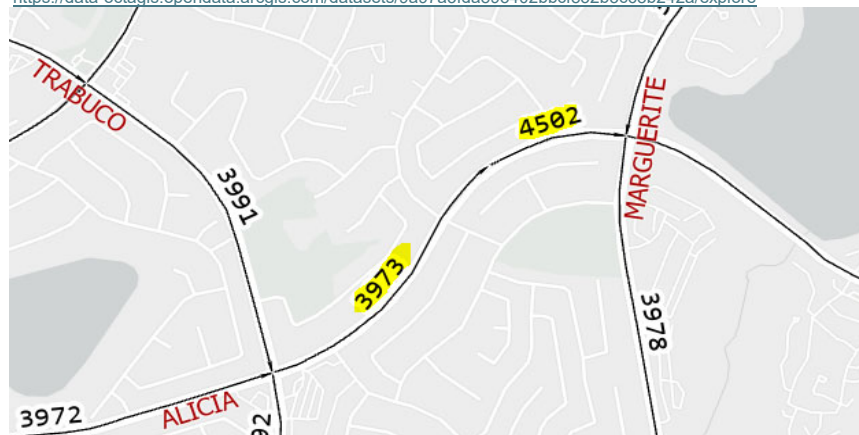
COUNT_TYPE	DATE	DURATION_HOURS	BIN_MINS	ROAD_NAME	FROM_ROAD_NAME	TO_ROAD_NAME	LOCATION_LON	LOCATION_LAT	PROJECT_NAME
VEH_ONLY	4/13/2015	24	15	Alicia Pkwy	Marguerite	Trabuco	-117.6553526	33.62684943	Project P FY15 Alicia Pkwy

[illegible]

class7_nb	class8_nb	class9_nb	class10_nb	class11_nb	class12_nb	class13_nb	class1_sb	class2_sb	class3_sb	class4_sb	class5_sb	class6_sb	class7_sb	class8_sb	class9_sb	class10_sb	class11_sb	class12_sb	class13_sb	class1_eb	class2_eb	class3_eb	class4_eb
-----------	-----------	-----------	------------	------------	------------	------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	-----------	-----------	-----------	-----------

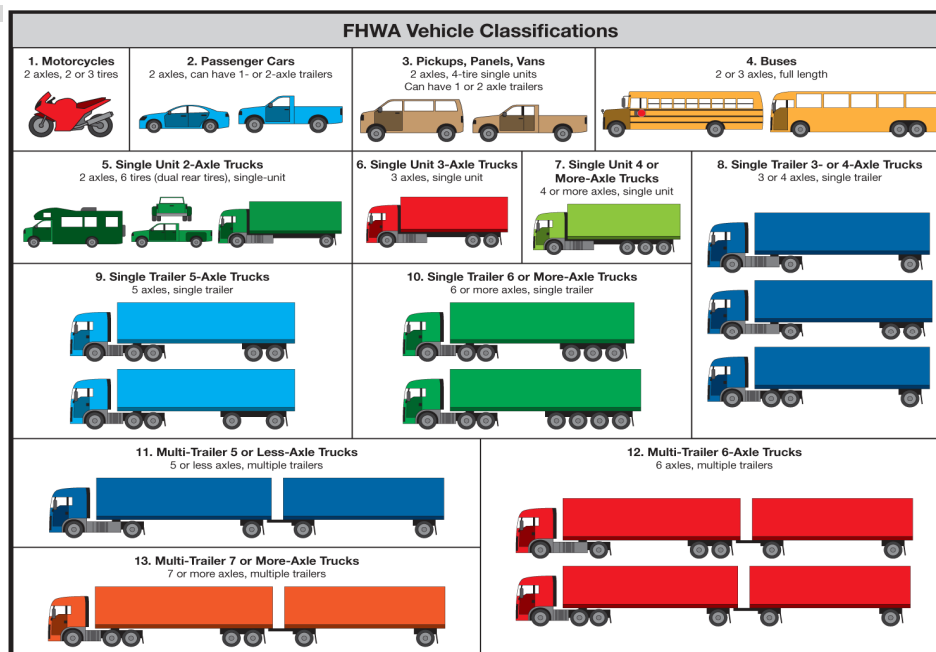
class5_eb class6_eb class7_eb class8_eb class9_eb class10_eb class11_eb class12_eb class13_eb class1_wb class2_wb class3_wb class4_wb class5_wb class6_wb class7_wb class8_wb class9_wb class10_wb class11_wb class12_wb class13_wb

<https://data-octagis.opendata.arcgis.com/datasets/9a97a3fda893402bbcf832b3c68b242a/explore>



	Term	Description
METADATA	COUNT_TYPE	Type of segment count (VEH_ONLY or VEH+CLASS)
	DATE	Date the count was conducted with multiple days in multiple rows
	DURATION_HOURS	Duration of segment count for date specified (up to 24 hours)
	BIN_MINS	Data aggregate increments or bin size in minutes
	ROAD_NAME	Name of road in which segment count is being collected
	FROM_ROAD_NAME	Span of segment data with "from" being furthest west or south crossing
	TO_ROAD_NAME	Span of segment data with "to" being furthest east or north crossing
	LOCATION_LON	Longitude coordinate for count location
	LOCATION_LAT	Latitude coordinate for count location
	PROJECT_NAME	Project name
COUNT	COUNT_DATE	Date (MM/DD/YYYY) the count was collected
	BEGIN_TIME	Begin time of each data bin
	BIKE_NB	Total bicycle count traveling on roadway northbound per data bin
	BIKE_SB	Total bicycle count traveling on roadway southbound per data bin
	BIKE_EB	Total bicycle count traveling on roadway eastbound per data bin
	BIKE_WB	Total bicycle count traveling on roadway westbound per data bin
	COUNT_NB	Total vehicle (cars and heavy vehicles) count traveling northbound per data bin
	COUNT_SB	Total vehicle (cars and heavy vehicles) count traveling southbound per data bin
	COUNT_EB	Total vehicle (cars and heavy vehicles) count traveling eastbound per data bin
	COUNT_WB	Total vehicle (cars and heavy vehicles) count traveling westbound per data bin
OCTA_SEG MENT	CARS_NB	Total vehicle cars (FHWA Classes 1-3 and designated vehicles from Class 5) count traveling northbound per data bin
	CARS_SB	Total vehicle cars (FHWA Classes 1-3 and designated vehicles from Class 5) count traveling southbound per data bin
	CARS_EB	Total vehicle cars (FHWA Classes 1-3 and designated vehicles from Class 5) count traveling eastbound per data bin
	CARS_WB	Total vehicle cars (FHWA Classes 1-3 and designated vehicles from Class 5) count traveling westbound per data bin
	HEAVY_NB	Total heavy vehicle (FHWA Classes 4-13 minus designated vehicles from Class 5) count traveling northbound per data bin
	HEAVY_SB	Total heavy vehicle (FHWA Classes 4-13 minus designated vehicles from Class 5) count traveling southbound per data bin
	HEAVY_EB	Total heavy vehicle (FHWA Classes 4-13 minus designated vehicles from Class 5) count traveling eastbound per data bin
	HEAVY_WB	Total heavy vehicle (FHWA Classes 4-13 minus designated vehicles from Class 5) count traveling westbound per data bin
	class#_nb	Count per classification (per group table below) traveling northbound per data bin
	class#_sb	Count per classification (per group table below) traveling southbound per data bin
	class#_eb	Count per classification (per group table below) traveling eastbound per data bin
	class#_wb	Count per classification (per group table below) traveling westbound per data bin
	OCTA_SEGMENT_ID	MPAH ID for all links included in the span of the segment count
	ROAD_NAME	Name of road in which segment count is being collected
	FROM_ROAD_NAME	Name of road on west or south side of the associated MPAH link
	TO_ROAD_NAME	Name of road on east or north side of the associated MPAH link

Class Group	Class Definition	Class Includes	Number of Axles
1	Motorcycles	Motorcycles	2
2	Passenger Cars	All cars	2, 3, or 4
3	Other Two-Axle Four-Tire Single-Unit Vehicles	Cars with one-axle trailers	
		Cars with two-axle trailers	
		Pick-ups and vans	2, 3, or 4
4	Buses	Pick-ups and vans with one- and two- axle trailers	
5	Two-Axle, Six-Tire, Single-Unit Trucks	Two- and three-axle buses	2 or 3
6	Three-Axle Single-Unit Trucks	Two-axle trucks	2
7	Four or More Axle Single-Unit Trucks	Three-axle trucks	3
		Three-axle tractors without trailers	
		Four-, five-, six- and seven-axle single-unit trucks	4 or more
8	Four or Fewer Axle Single-Trailer Trucks	Two-axle trucks pulling one- and two-axle trailers	3 or 4
9	Five-Axle Single-Trailer Trucks	Two-axle tractors pulling one- and two-axle trailers	
		Three-axle tractors pulling one-axle trailers	
		Two-axle tractors pulling three-axle trailers	
10	Six or More Axle Single-Trailer Trucks	Three-axle tractors pulling two-axle trailers	
		Multiple configurations	6 or more
		Multiple configurations	4 or 5
11	Five or Fewer Axle Multi-Trailer Trucks	Multiple configurations	6
12	Six-Axle Multi-Trailer Trucks	Multiple configurations	6
13	Seven or More Axle Multi-Trailer Trucks	Multiple configurations	7 or more



PEDESTRIAN/BIKEWAY/BIKEWAY COUNT LOCATIONS								
#	Location	City	Bikeway Class					Instructions
			I		II	III	None	
			River	Trail				
1	SART/1st St	Santa Ana	X					High detail. Count 2-directions just south of 1st on east bank.
2	Coyote Creek/Wardlow-Ball Rd	Los Alamitos	X					Count 2-directions just south of Ball Rd on east bank.
3	SCE Trail/Stonybrook Dr	Anaheim		X				Count 4-directions at street/trail crossing just west of Sherrill St.
4	El Cajon Trail/Prospect Ave	Yorba Linda		X				Count 2-directions just east of Prospect Avenue on trail.
5	Walnut Trail/Yale	Irvine		X				Count 2-directions just west of Yale Avenue on trail.
6	Edwards St/Warner Ave	Huntington Beach		X				High detail. Count 4-directions at intersection.
7	Portola Pkwy/Tustin Ranch Rd	Tustin			X			Count 4-directions at intersection, trail is 4th leg on west. Expect school traffic.
8	Moulton Parkway/Oso Parkway	Laguna Hills			X			Count 4-directions at intersection.
9	Edinger Ave/Bushard St	Westminster/Ftn Valley			X			Count 4-directions at intersection.
10	Broadway/Elder St	Anaheim			X			Count 4-directions at intersection.
11	Wilshire Ave/Lincoln Ave	Fullerton				X		High detail. Count 4-directions at intersection.
12	East Coast Hwy/Poppy	Newport Beach				X		Count 4-directions at intersection.
13	Calle Seville/Avenida Del Mar	San Clemente				X		Count 4-directions at intersection.
14	Beach Blvd/Katella Ave	Stanton					X	Count 4-directions at intersection.
15	El Toro Rd/Muirlands Rd	Lake Forest					X	Count 4-directions at intersection.
16	Harbor Blvd/Westminster Ave	Santa Ana					X	Count 4-directions at intersection.
17	Magnolia St/La Palma Ave	Anaheim					X	Count 4-directions at intersection.
18	4th St/Main St	Santa Ana					X	Count 4-directions at intersection.
19	Prospect Ave/Chapman Ave	Orange					X	High detail. Count 4-directions at intersection.
20	Camino Capistrano/Del Obispo St	San Juan Capistrano					X	High detail. Count 4-directions at intersection.
	<u>COLLECT COUNT DATA FOR FOLLOWING CATEGORIES</u>							
1	Travel Mode: 1 - Bike, 2 - Walk, 3- Wheelchair/Mobility Device, 4 - Skateboard/Scooter/Skates							
2	Volume by mode by direction.							
3	Identify gender (male/female)							
4	Identify if bicyclist is wearing helmet (yes/no)							
5	Identify if youth (16 yrs and under), Adult (16-65), Senior (65+)							
6	Identify when bicyclists are riding on sidewalk (yes/no)							
7	Identify when bicyclists are riding wrong way (on sidewalk or roadway)							
8	Travel purpose: commute (school/work), recreation, utility (other/unknown)							
	<u>STUDY PERIODS</u>							
1	Tuesday, Wednesday, or Thursday 24-hours, collect data in 15-min increments							
2	Saturday 24-hours, collect data in 15-min increments							

Vendor Name
=====

Data Type:
Date:
Street/Path:
Direction from Nearest Crossing
Jurisdiction:
Location ID:
JobNum:
Comments:

[illegible]Day Total
ADTAM Peak
VolumePM Peak
Volume

Intersection Count List

ID	Intersection/Interchange
1	MacArthur Boulevard / I-405 NB Ramps
2	Bristol Street / I-405 NB Ramps
3	Avenue of the Arts / I-405 NB Off Ramp
4	Coast Drive / I-405 NB Off Ramp
5	Fairview Road / I-405 NB Ramps
6	Susan Street / I-405 NB Off Ramp
7	Harbor Boulevard / I-405 NB Ramps
8	Hyland Avenue / I-405 NB On Ramp/Coast Drive
9	Euclid Street / I-405 NB Ramps
10	Brookhurst Street / I-405 NB Ramps
11	Warner Avenue / I-405 NB Ramps
12	Magnolia Street / I-405 NB Ramps
13	Beach Boulevard / I-405 NB Ramps
14	Bolsa Avenue / I-405 NB Off Ramp
15	Goldenwest Street / I-405 NB On Ramp
16	Westminster Boulevard / I-405 NB Ramps
17	Garden Grove Boulevard / I-405 NB Off Ramp/SR-22 EB Ramps
18	Seal Beach Boulevard / I-405 NB Ramps
19	Studebaker Road / I-405 NB On Ramp
20	Palo Verde Avenue / I-405 NB Ramps
21	Woodruff Avenue / I-405 NB Ramps
22	Bellflower Avenue / I-405 NB Ramps
23	Lakewood Boulevard / I-405 NB Ramps
24	Lakewood Boulevard / I-405 SB Ramps
25	Willow Street / I-405 SB Ramps
26	Los Coyotes Diagonal / I-405 SB Ramps
27	Bellflower Avenue / I-405 SB Off Ramp
28	Los Coyotes Diagonal EB / I-405 SB On Ramp
29	Woodruff Avenue / I-405 SB Ramps
30	Stearns Street / I-405 SB On Ramp
31	Studebaker Road / I-405 SB Off Ramp
32	Seal Beach Boulevard / I-405 SB Ramps
33	Bolsa Chica Road / I-405 SB Ramps
34	Springdale Street / I-405 SB Off Ramp
35	Westminster Boulevard / I-405 SB Ramps
36	Westminster Mall / I-405 SB Ramps
37	Bolsa Avenue / I-405 SB Ramps
38	Center Avenue / I-405 SB Ramps
39	Edinger Avenue / I-405 SB On Ramp
40	Magnolia Street / I-405 SB Ramps
41	Warner Avenue / I-405 SB Ramps
42	Brookhurst Street / I-405 SB Ramps
43	Talbert Avenue / I-405 SB On Ramp
44	Euclid Street / I-405 SB Ramps
45	Harbor Boulevard / I-405 SB Ramps
46	Fairview Road / I-405 SB Ramps
47	Bristol Street / I-405 SB Ramps
48	MacArthur Boulevard / I-405 SB Ramps

EXHIBIT B: COST AND PRICE FORMS

PRICE SUMMARY SHEET

REQUEST FOR PROPOSALS (RFP) 4-2602

Enter below the proposed price for the tasks described in the Scope of Work, Exhibit A. Prices shall include direct costs, indirect costs, profits, and tax. The Authority's intention is to award a firm-fixed price contract.

Tasks	Description	Firm-Fixed Price
1	Project Management	\$
2	Turning Movement Count Data Collection	\$
3	Quality Control	\$
4	Turning Movement Count Data Compilation and Analysis	\$
5	Forty-Eight (48)-Hour Pedestrian/Bicycle Counts/e-Scooter	\$
6	Twenty-Four (24)-Hour Mid-Block ADT Counts	\$
7	Supplemental Intersection Counts	\$
8	Supplemental Travel Time Runs	\$
9	Twenty-Four (24)-Hour Freeway Mainline Counts	\$
	TOTAL	\$

FIRM ACKNOWLEDGMENT:

The undersigned, upon acceptance, agrees to provide the service in accordance with the terms, conditions, and requirements as contained in RFP 4-2602 and the supporting documents for all prices proposed.

1. I acknowledge receipt of **RFP 4-2602** and Addenda No.(s) _____.
2. This offer shall remain firm for _____ days from the date of proposal.
(Minimum of 120)

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

FACSIMILE # _____

EMAIL ADDRESS _____

SIGNATURE OF PERSON
AUTHORIZED TO BIND OFFEROR _____

NAME AND TITLE OF PERSON
AUTHORIZED TO BIND OFFEROR _____

DATE SIGNED _____

EXHIBIT C: PROPOSED AGREEMENT

PROPOSED AGREEMENT NO. C-4-2602**BETWEEN****ORANGE COUNTY TRANSPORTATION AUTHORITY****AND**

THIS AGREEMENT is effective this ____ day of _____, 20__ ("Effective Date"), by and between the Orange County Transportation Authority, 550 South Main Street, P.O. Box 14184, Orange, California 92863-1584, a public corporation of the State of California (hereinafter referred to as "AUTHORITY"), and , , , , (hereinafter referred to as "CONSULTANT").

WITNESSETH:

WHEREAS, AUTHORITY requires assistance from CONSULTANT to provide traffic data collection update for the 2025 Congestion Management Program; and

WHEREAS, said work cannot be performed by the regular employees of AUTHORITY; and

WHEREAS, CONSULTANT has represented that it has the requisite personnel and experience, and is capable of performing such services; and

WHEREAS, CONSULTANT wishes to perform these services.

NOW, THEREFORE, it is mutually understood and agreed by AUTHORITY and CONSULTANT as follows:

ARTICLE 1. COMPLETE AGREEMENT

A. This Agreement, including all exhibits and documents incorporated herein and made applicable by reference, constitutes the complete and exclusive statement of the terms and conditions of this Agreement between AUTHORITY and CONSULTANT and it supersedes all prior representations, understandings and communications. The invalidity in whole or in part of any term or condition of this Agreement shall not affect the validity of other terms or conditions.

B. AUTHORITY's failure to insist in any one or more instances upon CONSULTANT's performance of any terms or conditions of this Agreement shall not be construed as a waiver or

EXHIBIT C

1 relinquishment of AUTHORITY's right to such performance or to future performance of such terms or
2 conditions and CONSULTANT's obligation in respect thereto shall continue in full force and effect.
3 Changes to any portion of this Agreement shall not be binding upon AUTHORITY except when
4 specifically confirmed in writing by an authorized representative of AUTHORITY by way of a written
5 amendment to this Agreement and issued in accordance with the provisions of this Agreement.

ARTICLE 2. AUTHORITY DESIGNEE

7 The Chief Executive Officer of AUTHORITY, or designee, shall have the authority to act for and
8 exercise any of the rights of AUTHORITY as set forth in this Agreement.

ARTICLE 3. SCOPE OF WORK

10 A. CONSULTANT shall perform the work necessary to complete in a manner satisfactory to
11 AUTHORITY the services set forth in Exhibit A, entitled "Scope of Work," attached to and, by this
12 reference, incorporated in and made a part of this Agreement. All services shall be provided at the times
13 and places designated by AUTHORITY.

14 B. CONSULTANT shall provide the personnel listed below to perform the above-specified
15 services, which persons are hereby designated as key personnel under this Agreement.

Names**Functions**

17
18
19
20
21 C. No person named in paragraph B of this Article, or his/her successor approved by
22 AUTHORITY, shall be removed or replaced by CONSULTANT, nor shall his/her agreed-upon function or
23 level of commitment hereunder be changed, without the prior written consent of AUTHORITY. Should
24 the services of any key person become no longer available to CONSULTANT, the resume and
25 qualifications of the proposed replacement shall be submitted to AUTHORITY for approval as soon as
26 possible, but in no event later than seven (7) calendar days prior to the departure of the incumbent key

person, unless CONSULTANT is not provided with such notice by the departing employee. AUTHORITY shall respond to CONSULTANT within seven (7) calendar days following receipt of these qualifications concerning acceptance of the candidate for replacement.

ARTICLE 4. TERM OF AGREEMENT

This Agreement shall commence upon execution by both parties, and shall continue in full force and effect through February 28, 2026, unless earlier terminated or extended as provided in this Agreement.

ARTICLE 5. PAYMENT

A. For CONSULTANT's full and complete performance of its obligations under this Agreement and subject to the maximum cumulative payment obligation provisions set forth in Article 6, AUTHORITY shall pay CONSULTANT on a firm-fixed price basis in accordance with the following provisions.

B. The following schedule shall establish the firm-fixed payment to CONSULTANT by AUTHORITY for each work task set forth in the Scope of Work. The schedule shall not include any CONSULTANT expenses not approved by AUTHORITY, including, but not limited to reimbursement for local meals.

<u>Tasks</u>	<u>Description</u>	<u>Firm-Fixed Price</u>
1	Project Management	\$.00
2	Turning Moving Count Data Collection	\$.00
3	Quality Control	\$.00
4	Turning Movement Count Data Compilation and Analysis	\$.00
5	Forty-Eight (48)-Hour Pedestrian/Bicycle Counts/e-Scooter	\$.00
6	Twenty-Four (24)-Hour Mid-Block ADT Counts	\$.00
7	Supplemental Intersection Counts	\$.00
8	Supplemental Travel Time Runs	\$.00
9	Twenty-Four (24)-Hour Freeway Mainline Counts	<u>\$.00</u>
TOTAL FIRM-FIXED PRICE PAYMENT		<u>\$.00</u>

EXHIBIT C

1 C. CONSULTANT shall invoice AUTHORITY on a monthly basis for payments corresponding to
2 the work actually completed by CONSULTANT. Percentage of work completed shall be documented in
3 a monthly progress report prepared by CONSULTANT, which shall accompany each invoice submitted
4 by CONSULTANT. CONSULTANT shall also furnish such other information as may be requested by
5 AUTHORITY to substantiate the validity of an invoice. At its sole discretion, AUTHORITY may decline to
6 make full payment for any task listed in paragraph B of this Article until such time as CONSULTANT has
7 documented to AUTHORITY's satisfaction, that CONSULTANT has fully completed all work required
8 under the task. AUTHORITY's payment in full for any task completed shall not constitute AUTHORITY's
9 final acceptance of CONSULTANT's work under such task; final acceptance shall occur only when
10 AUTHORITY's release of the retention described in paragraph D.

11 D. As partial security against CONSULTANT's failure to satisfactorily fulfill all of its obligations
12 under this Agreement, AUTHORITY shall retain ten percent (10%) of the amount of each invoice
13 submitted for payment by CONSULTANT. All retained funds shall be released by AUTHORITY and shall
14 be paid to CONSULTANT within sixty (60) calendar days of payment of final invoice, unless AUTHORITY
15 elects to audit CONSULTANT's records in accordance with Article 16 of this Agreement. If AUTHORITY
16 elects to audit, retained funds shall be paid to CONSULTANT within thirty (30) calendar days of
17 completion of such audit in an amount reflecting any adjustment required by such audit. During the term
18 of the Agreement, at its sole discretion, AUTHORITY reserves the right to release all or a portion of the
19 retained amount based on CONSULTANT's satisfactory completion of certain milestones.
20 CONSULTANT shall invoice AUTHORITY for the release of the retention in accordance with Article 5.

21 E. Invoices shall be submitted by CONSULTANT on a monthly basis and shall be submitted in
22 duplicate to AUTHORITY's Accounts Payable office. CONSULTANT may also submit invoices
23 electronically to AUTHORITY's Accounts Payable Department at vendorinvoices@octa.net. Each invoice
24 shall be accompanied by the monthly progress report specified in paragraph C of this Article.
25 AUTHORITY shall remit payment within thirty (30) calendar days of the receipt and approval of each
26 invoice. Each invoice shall include the following information:

1. Agreement No. C-4-2602;
2. Specify the task number for which payment is being requested;
3. The time period covered by the invoice;
4. Total monthly invoice (including project-to-date cumulative invoice amount); and retention;
5. Monthly Progress Report;
6. Certification signed by the CONSULTANT or his/her designated alternate that a) The invoice is a true, complete and correct statement of reimbursable costs and progress; b) The backup information included with the invoice is true, complete and correct in all material respects; c) All payments due and owing to subcontractors and suppliers have been made; d) Timely payments will be made to subcontractors and suppliers from the proceeds of the payments covered by the certification and; e) The invoice does not include any amount which CONSULTANT intends to withhold or retain from a subcontractor or supplier unless so identified on the invoice.
7. Any other information as agreed or requested by AUTHORITY to substantiate the validity of an invoice.

ARTICLE 6. MAXIMUM OBLIGATION

Notwithstanding any provisions of this Agreement to the contrary, AUTHORITY and CONSULTANT mutually agree that AUTHORITY's maximum cumulative payment obligation (including obligation for CONSULTANT's profit) shall be _____ Dollars (\$_____.00) which shall include all amounts payable to CONSULTANT for its subcontracts, leases, materials and costs arising from, or due to termination of, this Agreement.

ARTICLE 7. NOTICES

All notices hereunder and communications regarding the interpretation of the terms of this Agreement, or changes thereto, shall be effected by delivery of said notices in person or by depositing said notices in the U.S. mail, registered or certified mail, returned receipt requested, postage prepaid and addressed as follows:

To CONSULTANT:

To AUTHORITY:

Orange County Transportation Authority

550 South Main Street

P.O. Box 14184

Orange, CA 92863-1584

ATTENTION:

ATTENTION: Ellis Hoskin

Title:

Title: Contract Administrator

Phone:

Phone: (714) 560 - 5551

Email:

Email: ehoskin@octa.net

ARTICLE 8. INDEPENDENT CONTRACTOR

A. CONSULTANT's relationship to AUTHORITY in the performance of this Agreement is that of an independent contractor. CONSULTANT's personnel performing services under this Agreement shall at all times be under CONSULTANT's exclusive direction and control and shall be employees of CONSULTANT and not employees of AUTHORITY. CONSULTANT shall pay all wages, salaries and other amounts due its employees in connection with this Agreement and shall be responsible for all reports and obligations respecting them, such as social security, income tax withholding, unemployment compensation, workers' compensation and similar matters.

B. Should CONSULTANT's personnel or a state or federal agency allege claims against AUTHORITY involving the status of AUTHORITY as employer, joint or otherwise, of said personnel, or allegations involving any other independent contractor misclassification issues, CONSULTANT shall defend and indemnify AUTHORITY in relation to any allegations made.

ARTICLE 9. INSURANCE

A. CONSULTANT shall procure and maintain insurance coverage in full force and effect during the entire term of the Agreement. Coverage shall be full coverage and not subject to self-insurance provisions. CONSULTANT shall provide the following insurance coverage:

1. Commercial General Liability, to include Products/Completed Operations,

EXHIBIT C

1 Independent Contractors', Contractual Liability, and Personal Injury Liability, and Property Damage with
2 a minimum limit of \$1,000,000 per occurrence, \$2,000,000 general aggregate and \$2,000,000
3 Products/Completed Operations aggregate;

4 2. Automobile Liability Insurance to include owned, hired and non-owned autos with
5 a combined single limit of \$1,000,000 for each accident;

6 3. Workers' Compensation with limits as required by the State of California including
7 a Waiver of Subrogation in favor of AUTHORITY, its officers, directors and employees; and

8 4. Employers' Liability with minimum limits of \$1,000,000 per accident, \$1,000,000
9 policy limit-disease, and \$1,000,000 policy limit employee-disease.

10 B. Proof of such coverage, in the form of a certificate of insurance and an insurance policy
11 blanket additional insured endorsement, designating AUTHORITY, its officers, directors and employees
12 as additional insureds on general liability and automobile liability, as required by Agreement. Proof of
13 insurance coverage must be received by AUTHORITY within ten (10) calendar days from the effective
14 date of the Agreement and prior to commencement of any work. Such insurance shall be primary and
15 non-contributive to any insurance or self-insurance maintained by AUTHORITY. Furthermore,
16 AUTHORITY reserves the right to request certified copies or review all related insurance policies, in
17 response to a related loss.

18 C. CONSULTANT shall include on the face of the certificate of insurance the
19 Agreement No. C-4-2602 and, the Contract Administrator's Name, Ellis Hoskin.

20 D. CONSULTANT shall also include in each subcontract, the stipulation that subconsultants shall
21 maintain insurance coverage in the amounts required of CONSULTANT as provided in the Agreement.
22 Subconsultants will be required to include AUTHORITY as additional insureds on the Commercial
23 General Liability, and Auto Liability insurance policies.

24 E. Insurer must provide AUTHORITY with at least thirty (30) days' prior notice of cancellation or
25 material modification of coverage, and ten (10) days' prior notice for non-payment of premium.

26 /

ARTICLE 10. ORDER OF PRECEDENCE

Conflicting provisions hereof, if any, shall prevail in the following descending order of precedence:

(1) the provisions of this Agreement, including all exhibits; (2) the provisions of RFP 4-2602; (3) CONSULTANT's proposal dated _____; (4) all other documents, if any, cited herein or incorporated by reference.

ARTICLE 11. CHANGES

By written notice or order, AUTHORITY may, from time to time, order work suspension and/or make changes in the general scope of this Agreement, including, but not limited to, the services furnished to AUTHORITY by CONSULTANT as described in the Scope of Work. If any such work suspension or change causes an increase or decrease in the price of this Agreement, or in the time required for its performance, CONSULTANT shall promptly notify AUTHORITY thereof and assert its claim for adjustment within ten (10) calendar days after the change or work suspension is ordered, and an equitable adjustment shall be negotiated. However, nothing in this clause shall excuse CONSULTANT from proceeding immediately with the Agreement as changed.

ARTICLE 12. DISPUTES

A. Except as otherwise provided in this Agreement, when a dispute arises between CONSULTANT and AUTHORITY, the project managers shall meet to resolve the issue. If project managers do not reach a resolution, the dispute will be decided by AUTHORITY's Director of Contracts Administration and Materials Management (CAMM), who shall reduce the decision to writing and mail or otherwise furnish a copy thereof to CONSULTANT. The decision of the Director, CAMM, shall be the final and conclusive administrative decision.

B. Pending final decision of a dispute hereunder, CONSULTANT shall proceed diligently with the performance of this Agreement and in accordance with the decision of AUTHORITY's Director, CAMM. Nothing in this Agreement, however, shall be construed as making final the decision of any AUTHORITY official or representative on a question of law, which questions shall be settled in accordance with the laws of the State of California.

ARTICLE 13. TERMINATION

A. AUTHORITY may terminate this Agreement for its convenience at any time, in whole or part, by giving CONSULTANT written notice thereof. Upon said notice, AUTHORITY shall pay CONSULTANT its allowable costs incurred to date of termination and those allowable costs determined by AUTHORITY to be reasonably necessary to effect such termination. Thereafter, CONSULTANT shall have no further claims against AUTHORITY under this Agreement.

B. In the event either Party defaults in the performance of any of their obligations under this Agreement or breaches any of the provisions of this Agreement, the non-defaulting Party shall have the option to terminate this Agreement upon thirty (30) days' prior written notice to the other Party. Upon receipt of such notice, CONSULTANT shall immediately cease work, unless the notice from AUTHORITY provides otherwise. Upon receipt of the notice from AUTHORITY, CONSULTANT shall submit an invoice for work and/or services performed prior to the date of termination. AUTHORITY shall pay CONSULTANT for work and/or services satisfactorily provided to the date of termination in compliance with this Agreement. Thereafter, CONSULTANT shall have no further claims against AUTHORITY under this Agreement. AUTHORITY shall not be liable for any claim of lost profits or damages for such termination.

ARTICLE 14. INDEMNIFICATION

CONSULTANT shall indemnify, defend and hold harmless AUTHORITY, its officers, directors, employees and agents (indemnities) from and against any and all claims (including attorneys' fees and reasonable expenses for litigation or settlement) for any loss or damages, bodily injuries, including death, damage to or loss of use of property caused by the negligent acts, omissions or willful misconduct by CONSULTANT, its officers, directors, employees, agents, subconsultants or suppliers in connection with or arising out of the performance of this Agreement.

ARTICLE 15. ASSIGNMENTS AND SUBCONTRACTS

A. Neither this Agreement nor any interest herein nor claim hereunder may be assigned by CONSULTANT either voluntarily or by operation of law, nor may all or any part of this Agreement be

EXHIBIT C

1 subcontracted by CONSULTANT, without the prior written consent of AUTHORITY. Consent by
2 AUTHORITY shall not be deemed to relieve CONSULTANT of its obligations to comply fully with all terms
3 and conditions of this Agreement.

4 B. AUTHORITY hereby consents to CONSULTANT's subcontracting portions of the Scope of
5 Work to the parties identified below for the functions described in CONSULTANT's proposal.
6 CONSULTANT shall include in the subcontract agreement the stipulation that CONSULTANT, not
7 AUTHORITY, is solely responsible for payment to the subcontractor for the amounts owing and that the
8 subcontractor shall have no claim, and shall take no action, against AUTHORITY, its officers, directors,
9 employees or sureties for nonpayment by CONSULTANT.

Subcontractor Name/Addresses**Subcontractor Functions****ARTICLE 16. AUDIT AND INSPECTION OF RECORDS**

14 CONSULTANT shall provide AUTHORITY, or other agents of AUTHORITY, such access to
15 CONSULTANT's accounting books, records, payroll documents and facilities, as AUTHORITY deems
16 necessary. CONSULTANT shall maintain such books, records, data and documents in accordance
17 with generally accepted accounting principles and shall clearly identify and make such items readily
18 accessible to such parties during CONSULTANT's performance hereunder and for a period of four (4)
19 years from the date of final payment by AUTHORITY. AUTHORITY's right to audit books and records
20 directly related to this Agreement shall also extend to all first-tier subcontractors identified in Article 15
21 of this Agreement. CONSULTANT shall permit any of the foregoing parties to reproduce documents
22 by any means whatsoever or to copy excerpts and transcriptions as reasonably necessary.

ARTICLE 17. CONFLICT OF INTEREST

24 A. CONSULTANT agrees to avoid organizational conflicts of interest. An organizational conflict
25 of interest means that due to other activities, relationships or contracts, the CONSULTANT is unable, or
26 potentially unable to render impartial assistance or advice to AUTHORITY; CONSULTANT's objectivity

EXHIBIT C

1 in performing the work identified in the Scope of Work is or might be otherwise impaired; or
2 CONSULTANT has an unfair competitive advantage. CONSULTANT is obligated to fully disclose to
3 AUTHORITY in writing Conflict of Interest issues as soon as they are known to CONSULTANT. All
4 disclosures must be submitted in writing to AUTHORITY pursuant to the Notice provision herein. This
5 disclosure requirement is for the entire term of this Agreement.

6 B. If AUTHORITY determines that CONSULTANT, its employees, or subconsultants are subject
7 to disclosure requirements under the Political Reform Act (Government Code section 81000 et seq.),
8 CONSULTANT and its required employees and subconsultants shall complete and file Statements of
9 Economic Interest (Form 700) with AUTHORITY's Clerk of the Board disclosing all required financial
10 interests.

11 **ARTICLE 18. CODE OF CONDUCT**

12 CONSULTANT agrees to comply with AUTHORITY's Code of Conduct as it relates to Third-
13 Party contracts which is hereby referenced and by this reference is incorporated herein.
14 CONSULTANT agrees to include these requirements in all of its subcontracts.

15 **ARTICLE 19. PROHIBITION ON PROVIDING ADVOCACY SERVICES**

16 CONSULTANT and all subconsultants performing work under this Agreement, shall be
17 prohibited from concurrently representing or lobbying for any other party competing for a contract with
18 AUTHORITY, either as a prime consultant or subconsultant. Failure to refrain from such
19 representation may result in termination of this Agreement.

20 **ARTICLE 20. FEDERAL, STATE AND LOCAL LAWS**

21 CONSULTANT warrants that in the performance of this Agreement, it shall comply with all
22 applicable federal, state and local laws, statutes and ordinances and all lawful orders, rules and
23 regulations promulgated thereunder.

24 **ARTICLE 21. EQUAL EMPLOYMENT OPPORTUNITY**

25 In connection with its performance under this Agreement, CONSULTANT shall not discriminate
26 against any employee or applicant for employment because of race, religion, color, sex, age or national

1 origin. CONSULTANT shall take affirmative action to ensure that applicants are employed, and that
2 employees are treated during their employment, without regard to their race, religion, color, sex, age or
3 national origin. Such actions shall include, but not be limited to, the following: employment, upgrading,
4 demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other
5 forms of compensation; and selection for training, including apprenticeship.

6 **ARTICLE 22. PROHIBITED INTERESTS**

7 CONSULTANT covenants that, for the term of this Agreement, no director, member, officer or
8 employee of AUTHORITY during his/her tenure in office or for one (1) year thereafter shall have any
9 interest, direct or indirect, in this Agreement or the proceeds thereof.

10 **ARTICLE 23. OWNERSHIP OF REPORTS AND DOCUMENTS**

11 A. The originals of all letters, documents, reports and other products and data produced under
12 this Agreement shall be delivered to, and become the property of AUTHORITY. Copies may be made
13 for CONSULTANT's records but shall not be furnished to others without written authorization from
14 AUTHORITY. Such deliverables shall be deemed works made for hire and all rights in copyright therein
15 shall be retained by AUTHORITY.

16 B. All ideas, memoranda, specifications, plans, manufacturing, procedures, drawings,
17 descriptions, and all other written information submitted to CONSULTANT in connection with the
18 performance of this Agreement shall not, without prior written approval of AUTHORITY, be used for any
19 purposes other than the performance under this Agreement, nor be disclosed to an entity not connected
20 with the performance of the project. CONSULTANT shall comply with AUTHORITY's policies regarding
21 such material. Nothing furnished to CONSULTANT, which is otherwise known to CONSULTANT or is or
22 becomes generally known to the related industry shall be deemed confidential. CONSULTANT shall not
23 use AUTHORITY's name, photographs of the project, or any other publicity pertaining to the project in
24 any professional publication, magazine, trade paper, newspaper, seminar or other medium without the
25 express written consent of AUTHORITY.

26 C. No copies, sketches, computer graphics or graphs, including graphic artwork, are to be

1 released by CONSULTANT to any other person or agency except after prior written approval by
2 AUTHORITY, except as necessary for the performance of services under this Agreement. All press
3 releases, including graphic display information to be published in newspapers, magazines, etc., are to be
4 handled only by AUTHORITY unless otherwise agreed to by CONSULTANT and AUTHORITY.

5 **ARTICLE 24. PATENT AND COPYRIGHT INFRINGEMENT**

6 A. In lieu of any other warranty by AUTHORITY or CONSULTANT against patent or copyright
7 infringement, statutory or otherwise, it is agreed that CONSULTANT shall defend at its expense any claim
8 or suit against AUTHORITY on account of any allegation that any item furnished under this Agreement
9 or the normal use or sale thereof arising out of the performance of this Agreement, infringes upon any
10 presently existing U.S. letters patent or copyright and CONSULTANT shall pay all costs and damages
11 finally awarded in any such suit or claim, provided that CONSULTANT is promptly notified in writing of
12 the suit or claim and given authority, information and assistance at CONSULTANT's expense for the
13 defense of same. However, CONSULTANT will not indemnify AUTHORITY if the suit or claim results
14 from: (1) AUTHORITY's alteration of a deliverable, such that said deliverable in its altered form infringes
15 upon any presently existing U.S. letters patent or copyright; or (2) the use of a deliverable in combination
16 with other material not provided by CONSULTANT when such use in combination infringes upon an
17 existing U.S. letters patent or copyright.

18 B. CONSULTANT shall have sole control of the defense of any such claim or suit and all
19 negotiations for settlement thereof. CONSULTANT shall not be obligated to indemnify AUTHORITY
20 under any settlement made without CONSULTANT's consent or in the event AUTHORITY fails to
21 cooperate fully in the defense of any suit or claim, provided, however, that said defense shall be at
22 CONSULTANT's expense. If the use or sale of said item is enjoined as a result of such suit or claim,
23 CONSULTANT, at no expense to AUTHORITY, shall obtain for AUTHORITY the right to use and sell
24 said item, or shall substitute an equivalent item acceptable to AUTHORITY and extend this patent and
25 copyright indemnity thereto.

26 /

ARTICLE 25. FINISHED AND PRELIMINARY DATA

A. All of CONSULTANT's finished technical data, including but not limited to illustrations, photographs, tapes, software, software design documents, including without limitation source code, binary code, all media, technical documentation and user documentation, photoprints and other graphic information required to be furnished under this Agreement, shall be AUTHORITY's property upon payment and shall be furnished with unlimited rights and, as such, shall be free from proprietary restriction except as elsewhere authorized in this Agreement. CONSULTANT further agrees that it shall have no interest or claim to such finished, AUTHORITY-owned, technical data; furthermore, said data is subject to the provisions of the Freedom of Information Act, 5 USC 552.

B. It is expressly understood that any title to preliminary technical data is not passed to AUTHORITY but is retained by CONSULTANT. Preliminary data includes roughs, visualizations, software design documents, layouts and comprehensives prepared by CONSULTANT solely for the purpose of demonstrating an idea or message for AUTHORITY's acceptance before approval is given for preparation of finished artwork. Preliminary data title and right thereto shall be made available to AUTHORITY if CONSULTANT causes AUTHORITY to exercise Article 13, and a price shall be negotiated for all preliminary data.

ARTICLE 26. HEALTH AND SAFETY REQUIREMENT

CONSULTANT shall comply with all the requirements set forth in Exhibit __, Level 1 Safety Specifications.

ARTICLE 27. LIMITATION ON GOVERNMENTAL DECISIONS

CONSULTANT shall not make, participate in making, or use its position to influence any governmental decisions as defined by the Political Reform Act, Government Code section 8100 et seq., and the implementing regulations in Title 2 of the California Code of Regulations section 18110 et seq. CONSULTANT's personnel performing services under this Agreement shall not authorize or direct any actions, votes, appoint any person, obligate, or commit AUTHORITY to any course of action or enter into any contractual agreement on behalf of AUTHORITY. In addition, CONSULTANT's personnel shall not

EXHIBIT C

1 provide information, an opinion, or a recommendation for the purpose of affecting a decision without
2 significant intervening substantive review by AUTHORITY personnel, counsel, and management.

3 **ARTICLE 28. FORCE MAJEURE**

4 Either party shall be excused from performing its obligations under this Agreement during the time and to
5 the extent that it is prevented from performing by an unforeseeable cause beyond its control, including
6 but not limited to: any incidence of fire, flood; acts of God; commandeering of material, products, plants
7 or facilities by the federal, state or local government; national fuel shortage; or a material act or omission
8 by the other party; when satisfactory evidence of such cause is presented to the other party, and provided
9 further that such nonperformance is unforeseeable, beyond the control and is not due to the fault or
10 negligence of the party not performing.

11 **IN WITNESS WHEREOF**, the parties hereto have caused this Agreement No. C-4-2602 to be
12 executed as of the date of the last signature below.

13 **CONSULTANT**

14 By: _____

13 **ORANGE COUNTY TRANSPORTATION AUTHORITY**

14 By: _____

15 Georgia Martinez
16 Department Manager, Contracts and Procurement

17 **APPROVED AS TO FORM:**

18
19 By: _____

20 James M. Donich
21 General Counsel
22
23
24
25
26

EXHIBIT D: STATUS OF PAST AND PRESENT CONTRACTS FORM

STATUS OF PAST AND PRESENT CONTRACTS FORM

On the form provided below, Offeror/Bidder shall list the status of past and present contracts where the firm has either provided services as a prime vendor or a subcontractor during the past five (5) years in which the contract has been the subject of or may be involved in litigation with the contracting authority. This includes, but is not limited to, claims, settlement agreements, arbitrations, administrative proceedings, and investigations arising out of the contract.

A separate form must be completed for each contract. Offeror/Bidder shall provide an accurate contact name and telephone number for each contract and indicate the term of the contract and the original contract value. Offeror/Bidder shall also provide a brief summary and the current status of the litigation, claims, settlement agreements, arbitrations, administrative proceedings, or investigations. If the contract was terminated, list the reason for termination.

Offeror/Bidder shall have an ongoing obligation to update the Authority with any changes to the identified contracts and any new litigation, claims, settlement agreements, arbitrations, administrative proceedings, or investigations that arise subsequent to the submission of the bid. Each form must be signed by an officer of the Offeror/Bidder confirming that the information provided is true and accurate.

Project city/agency/other:	
Contact Name:	Phone:
Project Award Date:	Original Contract Value:
Term of Contract:	
(1) Litigation, claims, settlements, arbitrations, or investigations associated with contract:	
(2) Summary and Status of contract:	
(3) Summary and Status of action identified in (1):	
(4) Reason for termination, if applicable:	

By signing this Form entitled "Status of Past and Present Contracts," I am affirming that all of the information provided is true and accurate.

Name

Signature

Title

Date

EXHIBIT E: SAFETY SPECIFICATIONS

LEVEL 1 HEALTH, SAFETY AND ENVIRONMENTAL SPECIFICATIONS

PART I – GENERAL

1.1 GENERAL HEALTH, SAFETY & ENVIRONMENTAL REQUIREMENTS

- A. The Contractor, its subcontractors, suppliers, and employees have the obligation to comply with all Authority health, safety and environmental compliance department (HSEC) requirements of this safety specification, project site requirements, bus yard safety rules, as well as all federal, state, and local regulations pertaining to scope of work, contracts or agreements with the Authority. Additionally, manufacturer requirements are considered incorporated by reference as applicable to this scope of work.
- B. Observance of repeated unsafe acts or conditions, serious violation of safety standards, non-conformance of Authority health, safety and environmental compliance department (HSEC) requirements, or disregard for the intent of these safety specifications to protect people and property, by Contractor or its subcontractors may be cause for termination of scope or agreements with the Authority, at the sole discretion of the Authority.
- C. The health, safety, and environmental requirements, and references contained within this scope of work shall not be considered all-inclusive as to the hazards that might be encountered. Safe work practices shall be planned and performed, and safe conditions shall be maintained during this work scope.
- D. The Authority Project Manager shall be responsible to ensure a safety orientation is conducted of known potential hazards and emergency procedures for all Contractor personnel, subcontractors, suppliers, vendors, and new employees assigned to the project prior to commencement of the project.
- E. The Contractor shall ensure that all Contractor vehicles, including those of its subcontractors, suppliers, vendors and employees are parked in designated parking areas, and comply with traffic routes, and posted traffic signs in areas other than the employee parking lots.
- F. California Code of Regulations (CCR) Title 8 Standards are minimum requirements; each Contractor is encouraged to exceed minimum requirements. When the Contractor's safety requirements exceed statutory standards, the more stringent requirements shall be applied for the safeguard of public and employees.

1.2 REGULATORY

- A. Injury/Illness Prevention Program
The Contractor shall comply with CCR Title 8, Section with California Code of Regulations (CCR) Title 8, Section 3203. The intent and elements of the IIPP shall be implemented and enforced by the Contractor and its sub-tier contractors, suppliers, and vendors. The program shall be provided to the Authority's Project Manager, upon request, within 72 hours.

B. Substance Abuse Prevention Program

Contractor shall comply with the Policy or Program of the Company's Substance Abuse Prevention Policy that complies with the most recent Drug Free Workplace Act. The program shall be provided to the Authority's Project Manager, upon request, within 72 hours.

C. Heat Illness Prevention Program

Contractor shall comply with CCR Title 8, Section, Section 3395, Heat Illness Prevention. The program shall be provided to the Authority's Project Manager, upon request, within 72 hours.

D. Hazard Communication Program

Contractor shall comply with CCR Title 8, Section 5194 Hazard Communication Standard. Prior to use on Authority property and/or project work areas Contractor shall provide the Authority Project Manager copies of SDS for all applicable chemical products used, if any. The program shall be provided to the Authority's Project Manager, upon request, within 72 hours.

- a. All chemicals including paint, solvents, detergents and similar substances shall comply with South Coast Air Quality Management District (SCAQMD) rules 103, 1113, and 1171.

E. Storm Water Pollution Prevention Plan

The Contractor shall protect property and water resources from fuels and similar products throughout the duration of the contract. Contractor shall comply with Storm Water Pollution Prevention Plan (SWPPP) requirements. The program or plan if required by scope shall be provided to the Authority's Project Manager, upon request, within 72 hours.

1.3 INCIDENT NOTIFICATION AND INVESTIGATION

A. The Authority shall be promptly notified of any of the following types of incidents including but not limited to:

1. Damage incidents of property (incidents involving third party, contractor or Authority property damage);
2. Reportable and/or Recordable injuries (as defined by the U. S. Occupational Safety and Health Administration), a minor injury, and near miss incidents;
3. Incidents impacting the environment, i.e. spills or releases on Authority projects or property.
4. Outside Agency Inspections; agencies such as Cal/OSHA, DTSC, SCAQMD, State Water Resources Control Board, FTA, CPUC, EPA, USACE and similar agencies.

B. Notifications shall be made to Authority representatives, employees and/or agents. This includes incidents occurring to contractors, vendors, visitors, or members of the public that arise from the performance of Authority contract work. An immediate verbal notice

followed by an initial written incident investigation report shall be submitted to the Authority's Project Manager within 24 hours of the incident.

- C. A final written incident investigative report shall be submitted within seven (7) calendar days and include the following information. The Current Status of anyone injured, photos of the incident area, detailed description of what happened, Photos of the existing conditions and area of the injury/incident, the contributing factors that lead to the incident occurrence, a copy of the company policy or procedure associated with the incident and evaluation of effectiveness, copy of task planning documentation, copy of the Physician's first report of injury, copy of Cal/OSHA 300 log of work related injuries and illnesses, the Cal/OSHA 301 Injury Illness Incident Report, and corrective actions initiated to prevent recurrence. This information shall be considered the minimum elements required for a comprehensive incident report provided to OCTA.
- D. A Serious Injury, Serious Incident, OSHA Recordable Injury/Illness, or a Significant Near Miss shall require a formal incident review at the discretion of the Authority's Project Manager. The incident review shall be conducted within seven (7) calendar days of the incident. This review shall require a company senior executive, company program or project manager from the Contractors' organization to participate and present the incident review as determined by the OCTA Project Manager. The serious incident presentation shall include action taken for the welfare of the injured, a status report of the injured, causation factors that lead to the incident, a root cause analysis (using 5 whys and fishbone methods), and a detailed recovery plan that identifies corrective actions to prevent a similar incident, and actions to enhance safety awareness.
 - 1. Serious Injury: includes an injury or illness to one or more employees, occurring in a place of employment or in connection with any employment, which requires inpatient hospitalization for a period in excess of twenty-four hours for other than medical observation, or in which an employee suffers the loss of any member of the body, or suffers any serious degree of physical disfigurement. A serious injury also includes a lost workday or reassignment or restricted injury case as determined by the Physician's first report of injury or Cal/OSHA definitions.
 - 2. Serious Incident: includes but not limited to property damage of \$500.00 or more, an incident requiring emergency services (local fire, paramedics and ambulance response), news media or OCTA media relations response, and/or incidents involving other agencies (Cal/OSHA, EPA, AQMD, DTSC, Metrolink, FTA, FRA etc.) notification or representation.
 - 3. OSHA Recordable Injury / Illness: includes and injury / illness resulting in medical treatment beyond First Aid, an injury / illness which requires restricted duty, or an injury / illness resulting in days away from work.
 - 4. Significant Near Miss Incident: includes incidents where no property was damaged and no personal injury sustained, but where, given a slight shift in time or position, damage and/or injury easily could have occurred.

1.4 DESIGNATED HEALTH AND SAFETY REPRESENTATIVE

- A. Upon contract award, the contractor within 10 business days shall designate a health and safety representative and provide a resume and qualifications to the Authority project manager, upon request, within 72 hours.
- B. This person shall be a competent or qualified individual as defined by the Occupational, Safety, and Health Administration (OSHA), familiar with applicable CCR Title 8 Standards (Cal/OSHA) and has the authority to affect changes in work procedures that may have associated cost, schedule and budget impacts.

1.5 PERSONAL PROTECTIVE EQUIPMENT

- A. The Contractor, its subcontractors, suppliers, and employees are required to comply with applicable personal protective equipment (PPE) requirements while performing work at any Authority project or property. Generally minimum PPE requirements include eye protection; hearing protection, head protection, class 2 or 3 safety reflective vests, and appropriate footwear.
- B. The Contractor, its subcontractors, suppliers, and employees are required to provide their own PPE, including eye, head, foot, and hand protection, safety vests, or other PPE required to perform their work safely on Authority projects or property. The Authority requires eye protection on construction projects and work areas that meet ANSI Z-87.1 Standards.

1.6 REFERENCES

- A. CCR Title 8 Standards (Cal/OSHA)
- B. FCR Including 1910 and 1926 Standards
- C. NFPA, NEC, ANSI, NIOSH Standards
- D. Construction Industry Institute (CII)
- E. OCTA Yard Safety Rules

END OF SECTION

EXHIBIT F: PROPOSAL EXCEPTIONS AND/OR DEVIATIONS

PROPOSAL EXCEPTIONS AND/OR DEVIATIONS

The following form shall be completed for each technical and/or contractual exception or deviation that is submitted by Offeror for review and consideration by Authority. The exception and/or deviation must be clearly stated along with the rationale for requesting the exception and/or deviation. If no technical or contractual exceptions or deviations are submitted as part of the original proposal, Offerors are deemed to have accepted Authority's technical requirements and contractual terms and conditions set forth in the Scope of Work (Exhibit A) and Proposed Agreement (Exhibit C). Offerors will not be allowed to submit this form or any contractual exceptions and/or deviation after the proposal submittal date identified in the RFP. Exceptions and/or deviations submitted after the proposal submittal date will not be reviewed by Authority.

Offeror: _____

RFP No.: _____ RFP Title: _____

Deviation or Exception No. : _____

Check one:

- Scope of Work (Technical) _____
- Proposed Agreement (Contractual) _____

Reference Section/Exhibit: _____ Page/Article No. _____

Complete Description of Deviation or Exception:

Rationale for Requesting Deviation or Exception:

Area Below Reserved for Authority Use Only:
