

Exhibit 1

SERVICE PROVIDER AGREEMENT

This SERVICE PROVIDER AGREEMENT (“**Agreement**”) is entered into this ____ day of _____ 2025 (“**Effective Date**”), by and between the CITY OF ALAMEDA, a municipal corporation (“the **City**”), and Moffatt & Nichol, a California corporation whose address is 4225 E. Conant Street, Long Beach, CA 90808 (“**Provider**”), in reference to the following facts and circumstances:

RECITALS

A. The City is a municipal corporation duly organized and validly existing under the laws of the State of California with the power to carry on its business as it is now being conducted under the statutes of the State of California and the Charter of the City.

B. The City is in need of the following services: professional engineering services to develop a Waterway Study for the Oakland-Alameda Estuary Bridge. City staff issued an RFP on August 4, 2025 and after a submittal period of 18 days received three (3) timely submitted proposals. Staff reviewed the proposals, interviewed qualified firms and selected the service provider that best meets the City’s needs.

C. Provider is specially trained, experienced and competent to perform the special services which will be required by this Agreement.

D. Whereas, the City Council authorized the City Manager to execute this agreement on _____, 2025.

E. The City and Provider desire to enter into an agreement for professional engineering services to develop a Waterway Study for the Oakland-Alameda Estuary Bridge, upon the terms and conditions herein.

AGREEMENT

NOW, THEREFORE, in consideration of the forgoing, which are incorporated herein by reference, and for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the City and Provider agree as follows:

1. TERM:

The term of this Agreement shall commence on the 19th day of November 2025, and shall terminate on the 31st day of July 2027, unless terminated earlier as set forth herein.

The parties may agree to extend the term of this Agreement on a year-by-year basis, for up to one (1) additional year. Any extension shall be documented in a signed amendment. In the event that the parties agree to extend the Agreement, all provisions of the Agreement shall remain unchanged with the exception that the hourly compensation rate may be increased by up to 5%.

2. SERVICES TO BE PERFORMED:

Provider agrees to do all necessary work at its own cost and expense, to furnish all labor, tools, equipment, materials, except as otherwise specified, and to do all necessary work included in Exhibit A as requested. Provider acknowledges that the work plan included in Exhibit A is tentative and does not commit the City to request Provider to perform all tasks included therein.

Provider acknowledges that this Agreement is primarily funded by a Caltrans Sustainable Communities grant awarded in 2024 (see Exhibit B, the Caltrans-City “Restricted Grant Agreement” (CalTrans Agreement Number 74A15800)). All grant conditions imposed on the City by the Restricted Grant Agreement will also apply to Provider. Provider shall comply with all such conditions of the Restricted Grant Agreement (RGA), including, but not limited to Section III.15 (Payment and Invoicing), Section III.18 (Cost Principles) in its entirety, Section III.25 (Third-Party Contracts), and the RGA Attachment “Grant Application Guide” Section 2.3 (Eligible and Ineligible Activities and Expenses).

3. COMPENSATION TO PROVIDER:

a. By the 7th day of each month, Provider shall submit to the City an invoice for the total amount of work done the previous month. Pricing and accounting of charges are to be according to the fee schedule as set forth in Exhibit C and incorporated herein by this reference. Extra work must be approved in writing by the City Manager or their designee prior to performance and shall be paid on a Time and Material basis as set forth in Exhibit C.

b. Compensation for this contract shall not exceed \$524,000.

4. TIME IS OF THE ESSENCE:

Provider and the City agree that time is of the essence regarding the performance of this Agreement.

5. STANDARD OF CARE:

Provider shall perform all services under this Agreement in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Provider represents that it is skilled in the professional calling necessary to perform all services contracted for in this Agreement. Provider further represents that all of its employees and subcontractors shall have sufficient skill and experience to perform the duties assigned to them pursuant to and in furtherance this Agreement. Provider further represents that it (and its employees and subcontractors) have all licenses, permits, qualifications, and approvals of whatever nature that are legally required to perform the services (including a City Business License, as needed); and that such licenses and approvals shall be maintained throughout the term of this Agreement. As provided for in the indemnification provisions of this Agreement, Provider shall perform (at its own cost and expense and without reimbursement from the City) any services necessary to correct errors or omissions which are caused by Provider’s failure to comply with the standard of care provided for herein. Any employee of the Provider or its sub-providers who is determined by the City to be uncooperative, incompetent, a threat to the adequate or timely completion of any services under this Agreement, or a threat to the safety of persons or property (or any employee who fails or refuses to perform

the services in a manner acceptable to the City) shall be promptly removed by the Provider and shall not be re-employed to perform any further services under this Agreement.

6. INDEPENDENT PARTIES:

Provider hereby declares that Provider is engaged as an independent business and Provider agrees to perform the services as an independent contractor. The manner and means of conducting the services and tasks are under the control of Provider except to the extent they are limited by statute, rule or regulation and the express terms of this Agreement. No civil service status or other right of employment will be acquired by virtue of Provider's services. None of the benefits provided by the City to its employees, including but not limited to unemployment insurance, workers' compensation plans, vacation and sick leave, are available from the City to Provider, its employees or agents. Deductions shall not be made for any state or federal taxes, FICA payments, PERS payments, or other purposes normally associated with an employer-employee relationship from any compensation due to Provider. Payments of the above items, if required, are the responsibility of Provider. Any personnel performing the services under this Agreement on behalf of Provider shall also not be employees of City and shall at all times be under Provider's exclusive direction and control.

7. IMMIGRATION REFORM AND CONTROL ACT (IRCA):

Provider assumes any and all responsibility for verifying the identity and employment authorization of all of its employees performing work hereunder, pursuant to all applicable IRCA or other federal, or state rules and regulations. Provider shall indemnify, defend, and hold the City harmless from and against any loss, damage, liability, costs or expenses arising from any noncompliance of this provision by Provider.

8. NON-DISCRIMINATION:

Consistent with the City's policy and state and federal law that harassment and discrimination are unacceptable conduct, Provider and its employees, contractors, and agents shall not harass or discriminate against any job applicant, City employee, or any other person on the basis of any kind of any statutorily (federal, state or local) protected class, including but not limited to: race, religious creed, color, national origin, ancestry, disability (both mental and physical) including HIV and AIDS, medical condition (e.g. cancer), genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, pregnancy, political affiliation, military and veteran status or legitimate union activities. Such non-discrimination shall include but not be limited to all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, or termination. Provider agrees that any violation of this provision shall constitute a material breach of this Agreement.

9. HOLD HARMLESS:

a. To the fullest extent permitted by law, Provider shall indemnify, defend (with counsel acceptable to the City) and hold harmless the City, its City Council, boards, commissions, officials, employees, agents and volunteers ("Indemnitees") from and against any and all loss, damages, liability, obligations, claims, suits, judgments, costs and expenses whatsoever, including reasonable attorney's fees and costs of litigation ("Claims"), arising from or in any manner connected to Provider's negligent performance of its obligations under this Agreement or out of

the operations conducted by Provider except to the extent the City is found to have been negligent. If the Claims filed against Indemnitees allege negligence, recklessness or willful misconduct on the part of Provider, Provider shall have no right of reimbursement against Indemnitees for the costs of defense except to the extent negligence, recklessness or willful misconduct is not found on the part of Provider. Provider shall not have any obligations to indemnify Indemnitees if the loss or damage is found to have resulted solely from the negligence or the willful misconduct of the City. The defense and indemnification obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

b. As to Claims for professional liability only, Provider's obligation to defend Indemnitees (as set forth above) is limited as provided in California Civil Code Section 2782.8.

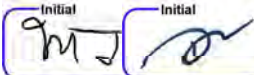
c. Provider's obligation to indemnify, defend and hold harmless Indemnitees shall expressly survive the expiration or early termination of this Agreement.

10. INSURANCE:

a. On or before the commencement of the terms of this Agreement, Provider shall furnish the City's Risk Manager with certificates showing the type, amount, class of operations covered, effective dates and dates of expiration of insurance coverage in compliance with Sections 10.b. (1) through (4). The Certificate Holder should be The City of Alameda, 2263 Santa Clara, Ave., Alameda, CA 94501. Such certificates, which do not limit Provider's indemnification, shall also contain substantially the following statement:

"Should any of the above insurance covered by this certificate be canceled or coverage reduced before the expiration date thereof, the insurer affording coverage shall provide thirty (30) days' advance written notice to the City of Alameda. Attention: Risk Manager."

Provider shall maintain in force at all times during the performance of this Agreement all appropriate coverage of insurance required by this Agreement with an insurance company licensed to offer insurance business in the State of California with a current A.M. Best's rating of no less than A:VII or Standard & Poor's Rating (if rated) of at least BBB unless otherwise acceptable to the City. Provider shall deliver updated insurance certificates to the City at the address described in Section 17.f. prior to the expiration of the existing insurance certificate for the duration of the term of Agreement. Endorsements naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers as additional insured shall be submitted with the insurance certificates.

Initial Initial


Provider Initials

b. COVERAGE REQUIREMENTS:

Provider shall maintain insurance coverage and limits at least as broad as:

(1) Workers' Compensation:

Statutory coverage as required by the State of California, as well as a Waiver of Subrogation (Rights of Recovery) endorsement.

(2) Liability:

Commercial general liability coverage in the following minimum limits:

Bodily Injury: \$1,000,000 each occurrence
\$2,000,000 aggregate - all other

Property Damage: \$1,000,000 each occurrence
\$2,000,000 aggregate

If submitted, combined single limit policy with per occurrence limits in the amounts of \$2,000,000 and aggregate limits in the amounts of \$4,000,000 will be considered equivalent to the required minimum limits shown above. Provider shall also submit declarations and policy endorsements pages. Additional Insured Endorsement naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers is required. The Additional Insured Endorsement shall include primary and non-contributory coverage at least as broad as the CG 2010.

(3) Automotive:

Comprehensive automobile liability coverage (any auto) in the following minimum limits:

Bodily injury: \$1,000,000 each occurrence
Property Damage: \$1,000,000 each occurrence

or

Combined Single Limit: \$2,000,000 each occurrence

Additional Insured Endorsement naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers is required.

(4) Professional Liability:

Professional liability insurance which includes coverage appropriate for the negligent professional acts, errors and omissions of Provider's profession and work hereunder, in the following minimum limits:

\$2,000,000 each claim

As to commercial general liability and automobile liability insurance, such insurance will provide that it constitutes primary insurance with respect to claims insured by such policy, and, except with respect to limits, that insurance applies separately to each insured against whom claim is made or suit is brought. Such insurance is not additional to or contributing with any other insurance carried by or for the benefit of the City.

c. SUBROGATION WAIVER:

Provider hereby agrees to waive rights of subrogation that any insurer of Provider may acquire from Provider by virtue of the payment of any loss. Provider agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether the City has received a waiver of subrogation endorsement from the insurer. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by Provider, its employees, agents and subcontractors.

d. FAILURE TO SECURE:

If Provider at any time during the term hereof should fail to secure or maintain the foregoing insurance, the City shall be permitted to obtain such insurance in Provider's name or as an agent of Provider and shall be compensated by Provider for the costs of the insurance premiums at the maximum rate permitted by law and computed from the date written notice is received that the premiums have not been paid.

e. ADDITIONAL INSURED:

The City, its City Council, boards, commissions, officials, employees, agents, and volunteers shall be named as additional insured(s) under all insurance coverages, except workers' compensation and professional liability insurance. The naming of an additional insured shall not affect any recovery to which such additional insured would be entitled under this policy if not named as such additional insured. An additional insured named herein shall not be held liable for any premium, deductible portion of any loss, or expense of any nature on this policy or any extension thereof. Any other insurance held by an additional insured shall not be required to contribute anything toward any loss or expense covered by the insurance provided by this policy. Additional Insured coverage under Provider's policy shall be primary and non-contributory and will not seek contribution from the City's insurance or self-insurance. Any available insurance proceeds broader than or in excess of the specified minimum insurance coverage requirements and/or limits shall be available to the additional insured(s).

f. SUFFICIENCY OF INSURANCE:

The insurance limits required by the City are not represented as being sufficient to protect Provider. Provider is advised to consult Provider's insurance broker to determine adequate coverage for Provider. The coverage and limits shall be (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of the coverage carried by or available to Provider; whichever is greater.

g. EXCESS OR UMBRELLA LIABILITY:

If any Excess or Umbrella Liability policies are used to meet the limits of liability required by this Agreement, then said policies shall be true "following form" of the underlying policy coverage, terms, conditions, and provisions and shall meet all of the insurance requirements stated in this Agreement, including but not limited to, the additional insured, SIR, and primary insurance requirements stated therein. No insurance policies maintained by the indemnified parties or Additional Insureds, whether primary or excess, and which also apply to a loss covered hereunder, shall be called upon to contribute to a loss until all the primary and excess liability policies carried by or available to the Provider are exhausted. **If a Provider is using an Excess Liability policy to supplement any insurance coverage required by this Agreement, they must submit the Excess Liability policy in full.**

11. CONFLICT OF INTEREST:

Provider warrants that it is not a conflict of interest for Provider to perform the services required by this Agreement. Provider may be required to fill out a conflict of interest form if the services provided under this Agreement require Provider to make certain governmental decisions or serve in a staff capacity as defined in Title 2, Division 6, Section 18700 of the California Code of Regulations.

12. PROHIBITION AGAINST TRANSFERS:

a. Provider shall not assign, sublease, hypothecate, or transfer this Agreement, or any interest therein, directly or indirectly, by operation of law or otherwise, without prior written consent of the City Manager. Provider shall submit a written request for consent to transfer to the City Manager at least thirty (30) days in advance of the desired transfer. The City Manager or their designee may consent or reject such request in their sole and absolute discretion. Any attempt to do so without said consent shall be null and void, and any assignee, sublessee, hypothecate or transferee shall acquire no right or interest by reason of such attempted assignment, hypothecation or transfer. However, claims for money against the City under this Agreement may be assigned by Provider to a bank, trust company or other financial institution without prior written consent.

b. The sale, assignment, transfer or other disposition of any of the issued and outstanding capital stock, membership interest, partnership interest, or the equivalent, which shall result in changing the control of Provider, shall be construed as an assignment of this Agreement. Control means fifty percent or more of the voting power of Provider.

13. APPROVAL OF SUB-PROVIDERS:

a. Only those persons and/or businesses whose names and resumés are attached to this Agreement shall be used in the performance of this Agreement. However, if after the start of this Agreement, Provider wishes to use sub-providers, at no additional costs to the City, then Provider shall submit a written request for consent to add sub-providers including the names of the sub-providers and the reasons for the request to the City Manager at least five (5) days in advance. The City Manager may consent or reject such requests in their sole and absolute discretion.

b. Each sub-provider shall be required to furnish proof of workers' compensation insurance and shall also be required to carry general, automobile and professional liability insurance (as applicable) in reasonable conformity to the insurance carried by Provider.

c. In addition, any tasks or services performed by sub-providers shall be subject to each provision of this Agreement. Provider shall include the following language in their agreement with any sub-provider: "Sub-providers hired by Provider agree to be bound to Provider and the City in the same manner and to the same extent as Provider is bound to the City."

d. The requirements in this Section 13 shall not apply to persons who are merely providing materials, supplies, data or information that Provider then analyzes and incorporates into its work product.

14. **PERMITS AND LICENSES:**

Provider, at its sole expense, shall obtain and maintain during the term of this Agreement, all appropriate permits, certificates and licenses, including a City business license that may be required in connection with the performance of the services and tasks hereunder.

15. **REPORTS:**

a. Each and every report, draft, work product, map, record and other document produced, prepared or caused to be prepared by Provider pursuant to or in connection with this Agreement shall be the exclusive property of the City. Provider shall not be held liable for any modification or re-use by City of delivered work product for purposes outside this Agreement.

b. No report, information or other data given to or prepared or assembled by Provider pursuant to this Agreement shall be made available to any individual or organization by Provider without prior approval of the City Manager or their designee.

c. Provider shall, at such time and in such form as City Manager or their designee may require, furnish reports concerning the status of services and tasks required under this Agreement.

16. **RECORDS:**

a. Generally, the City has the right to conduct audits of Provider's financial, performance and compliance records maintained in connection with Contractor's operations and services performed under the Agreement. In the event of such audit, Contractor agrees to provide the City with reasonable access to Contractor's employees and make all such financial (including annual financial statements signed by an independent CPA), performance and compliance records available to the City. City agrees to provide Contractor an opportunity to discuss and respond to any findings before a final audit report is filed.

b. Provider shall maintain complete and accurate records with respect to the services, tasks, work, documents and data in sufficient detail to permit an evaluation of Provider's performance under the Agreement, as well as maintain books and records related to sales, costs, expenses, receipts and other such information required by the City that relate to the performance of the services and tasks under this Agreement (collectively the "**Records**").

c. All Records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Provider shall provide free access to the Records to the representatives of the City or its designees during regular business hours upon reasonable prior notice. The City has the right to examine and audit the Records, and to make copies or transcripts therefrom as necessary, and to allow inspection of all proceedings and activities related to this Agreement. Such Records, together with supporting documents, shall be kept separate from other documents and records and shall be maintained by Provider for a period of three (3) years after receipt of final payment.

d. If supplemental examination or audit of the Records is necessary due to concerns raised by the City's preliminary examination or audit of records, and the City's supplemental examination or audit of the records discloses a failure to adhere to appropriate internal financial controls, or other breach of this Agreement or failure to act in good faith, then Provider shall

reimburse the City for all reasonable costs and expenses associated with the supplemental examination or audit.

17. NOTICES:

a. All notices shall be in writing and delivered: (i) by hand; or (ii) sent by registered, express, or certified mail, with return receipt requested or with delivery confirmation requested from the U.S. postal service; or (iii) sent by overnight or same day courier service at the party's respective address listed in this Section.

b. Each notice shall be deemed to have been received on the earlier to occur of: (x) actual delivery or the date on which delivery is refused; or (y) three (3) days after notice is deposited in the U.S. mail or with a courier service in the manner described above (Sundays and City holidays excepted).

c. Either party may, at any time, change its notice address (other than to a post office box address) by giving the other party three (3) days prior written notice of the new address.

d. All notices, demands, requests, or approvals from Provider to the City shall be addressed to the City at:

City of Alameda
Planning, Building and Transportation Department
2263 Santa Clara Ave
Alameda, CA 94501
ATTENTION: Rochelle Wheeler, Senior Transportation Coordinator
Ph: (510) 747-7442/ Email: rwheeler@alamedaca.gov

e. All notices, demands, requests, or approvals from the City to Provider shall be addressed to Provider at:

Moffatt & Nichol
1300 Clay Street, Suite 350
Oakland, CA 94612
ATTENTION: Matthew Trowbridge, Vice President
Ph: (510) 788-8959 / Email: mtrowbridge@moffattnichol.com

f. All updated insurance certificates from Provider to the City shall be addressed to the City at:

City of Alameda
Planning, Building and Transportation Department
2263 Santa Clara Ave
Alameda, CA 94501
ATTENTION: Rochelle Wheeler, Senior Transportation Coordinator
Ph: (510) 747-7442 / Email: rwheeler@alamedaca.gov

18. SAFETY:

a. Provider will be solely and completely responsible for conditions of all vehicles owned or operated by Provider, including the safety of all persons and property during performance of the services and tasks under this Agreement. This requirement will apply continuously and not be limited to normal working hours. In addition, Provider will comply with all safety provisions in conformance with U.S. Department of Labor Occupational Safety and Health Act, any equivalent state law, and all other applicable federal, state, county and local laws, ordinances, codes, and any regulations that may be detailed in other parts of the Agreement. Where any of these are in conflict, the more stringent requirements will be followed. Provider's failure to thoroughly familiarize itself with the aforementioned safety provisions will not relieve it from compliance with the obligations and penalties set forth herein.

b. Provider will immediately notify the City within 24 hours of any incident of death, serious personal injury or substantial property damage that occurs in connection with the performance of this Agreement. Provider will promptly submit to the City a written report of all incidents that occur in connection with this Agreement. This report must include the following information: (i) name and address of injured or deceased person(s); (ii) name and address of Provider's employee(s) involved in the incident; (iii) name and address of Provider's liability insurance carrier; (iv) a detailed description of the incident; and (v) a police report.

19. TERMINATION:

a. In the event Provider fails or refuses to perform any of the provisions hereof at the time and in the manner required hereunder, Provider shall be deemed in default in the performance of this Agreement. If such default is not cured within two (2) business days after receipt by Provider from the City of written notice of default, specifying the nature of such default and the steps necessary to cure such default, the City may thereafter immediately terminate the Agreement forthwith by giving to Provider written notice thereof.

b. The foregoing notwithstanding, the City shall have the option, at its sole discretion and without cause, of terminating this Agreement by giving seven (7) days' prior written notice to Provider as provided herein.

c. Upon termination of this Agreement either for cause or for convenience, each party shall pay to the other party that portion of compensation specified in this Agreement that is earned and unpaid prior to the effective date of termination. The obligation of the parties under this Section 19.c. shall survive the expiration or early termination of this Agreement.

20. ATTORNEYS' FEES:

In the event of any litigation, including administrative proceedings, relating to this Agreement, including but not limited to any action or suit by any party, assignee or beneficiary against any other party, beneficiary or assignee, to enforce, interpret or seek relief from any provision or obligation arising out of this Agreement, the parties and litigants shall bear their own attorney's fees and costs. No party or litigant shall be entitled to recover any attorneys' fees or costs from any other party or litigant, regardless of which party or litigant might prevail.

21. HEALTH AND SAFETY REQUIREMENTS.

Provider acknowledges that the City shall have the right to impose, at the City's sole discretion, requirements that it deems are necessary to protect the health and safety of the City employees, residents, and visitors. Provider agrees to comply with all such requirements, including, but not limited to, mandatory vaccinations, the use of personal protective equipment (e.g. masks), physical distancing, and health screenings. Provider also agrees to make available to the City, at the City's request, records to demonstrate Provider's compliance with this Section.

22. COMPLIANCE WITH ALL APPLICABLE LAWS:

During the term of this Agreement, Provider shall keep fully informed consistent with the Standard of Care, of all existing and future applicable state and federal laws and all municipal ordinances and regulations of the City of Alameda which affect the manner in which the services or tasks are to be performed by Provider, as well as all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. Provider shall comply with all applicable laws, state and federal and all ordinances, rules and regulations enacted or issued by the City. Provider shall defend, indemnify, and hold City (including its officials, directors, officers, employees, and agents) free and harmless from any claim or liability arising out of any failure or alleged failure to comply with such laws and regulations pursuant to the indemnification provisions of this Agreement.

23. CONFLICT OF LAW:

This Agreement shall be interpreted under, and enforced by the laws of the State of California without regard to any choice of law rules which may direct the application of laws of another jurisdiction. The Agreement and obligations of the parties are subject to all valid laws, orders, rules, and regulations of the authorities having jurisdiction over this Agreement (or the successors of those authorities). Any suits brought pursuant to this Agreement shall be filed with the courts of the County of Alameda, State of California.

24. WAIVER:

A waiver by the City of any breach of any term, covenant, or condition contained herein shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant, or condition contained herein, whether of the same or a different character.

25. INTEGRATED CONTRACT:

Subject to the language of Section 30, the Recitals and exhibits are a material part of this Agreement and are expressly incorporated herein. This Agreement represents the full and complete understanding of every kind or nature whatsoever between the parties hereto, and all preliminary negotiations and agreements of whatsoever kind or nature are merged herein. No verbal agreement or implied covenant shall be held to vary the provisions hereof. Any modification of this Agreement will be effective only by written execution signed by both the City and Provider.

26. PREVAILING WAGES:

Provider is aware of the requirements of California Labor Code Section 1720, et seq., and 1770, et seq. as well as California Code of Regulations, Title 8, Section 1600, et seq., ("Prevailing

Wage Laws”) which require the payment of prevailing wage rates and the performance of other requirements on “public works” and “maintenance” projects. Provider agrees to fully comply with such Prevailing Wage Laws if the services are being performed as part of an applicable “public works” or “maintenance” project as defined by the Prevailing Wage Laws and if the total compensation is \$1,000 or more. City, upon Provider’s request, shall provide Provider with a copy of the prevailing rates of per diem wages in effect at the commencement of this Agreement. Provider shall make copies of the prevailing rates of per diem wages for each craft, classification, or type of worker needed to execute the services available to interested parties upon request; and shall post copies at the Provider’s principal place of business and at the project site. Provider shall defend, indemnify, and hold the City (its elected officials, officers, employees, and agents) free and harmless from any claim or liability arising out of any failure or alleged failure to comply with the Prevailing Wage Laws.

27. CAPTIONS:

The captions in this Agreement are for convenience only, are not a part of the Agreement and in no way affect, limit or amplify the terms or provisions of this Agreement.

28. COUNTERPARTS:

This Agreement may be executed in any number of counterparts (including by fax, PDF, DocuSign, or other electronic means), each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

29. SIGNATORY:

By signing this Agreement, signatory warrants and represents that they executed this Agreement in their authorized capacity and that by their signature on this Agreement, they or the entity upon behalf of which they acted, executed this Agreement.

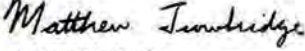
30. CONTROLLING AGREEMENT:

In the event of a conflict between the terms and conditions of this Agreement (as amended, supplemented, restated or otherwise modified from time to time) and any other terms and conditions wherever contained, including, without limitation, terms and conditions included within exhibits, the terms and conditions of this Agreement shall control and be primary.

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IN WITNESS WHEREOF, the parties have each caused this Agreement to be duly executed on its behalf as of the Effective Date.

MOFFATT & NICHOL
a California corporation

Signed by:

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Matthew Trowbridge
Vice President

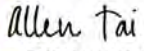
CITY OF ALAMEDA
a municipal corporation

Jennifer Ott
City Manager

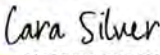
Signed by:

BE105851CD6F433...
David Huchel
Secretary

RECOMMENDED FOR APPROVAL

Signed by:

E83362141C4D41A...
Allen Tai, AICP
Planning, Building & Transportation
Director

APPROVED AS TO FORM:
City Attorney

Signed by:

6A663BB3CB29400...
Cara Silver
Special Counsel



1300 Clay Street, Suite 350
Oakland, CA 94612

(510) 645-1238
www.moffattnichol.com

October 3, 2025

Rochelle Wheeler
Senior Transportation Coordinator
Planning, Building and Transportation Department
City of Alameda
2263 Santa Clara Avenue, Rm 120
Alameda, CA 94501

Subject: Waterway Study for Oakland-Alameda Estuary Bridge Scope of Work

Hi Rochelle:

Moffatt & Nichol (M&N) is pleased to submit the attached scope of work to provide engineering services for the Waterway Study for the Oakland-Alameda Estuary Bridge project. Please contact me at 510-788-8959 or at mtrowbridge@moffattnichol.com any time to discuss.

Very truly yours,
MOFFATT & NICHOL

Matthew Trowbridge
Matt Trowbridge, PE, SE
Vice President



Scope of Work

The scope of work includes six tasks:

- Task 1: Data Collection and Simulation Model Development
- Task 2: Data Analysis and Simulation Runs
- Task 3: Key Stakeholder Outreach
- Task 4: Advisory Committee Meetings
- Task 5: Draft and Final Reports
- Task 6: City Commission / Council Presentations

Project management work is included with each individual Task and includes, but is not limited to, the following:

- Prepare and submit monthly progress reports and invoices in conformance with City's Standard Service Provider Agreement and Caltrans grant reporting requirements
- Coordinate in-house staff and subconsultants to ensure free and timely flow of information for each task activity
- Manage contract costs
- Initiate and conduct regular Project Development Team (PDT) meetings and provide meeting minutes
- Develop and maintain Project Schedule, Risk Management Plan and QA/QC Program, and maintain on a quarterly or as-needed basis
- Prepare and submit correspondence and memos, including all meeting minutes

Task 1. Data Collection and Simulation Model Development

Data Collection

This task will develop and propose a system for collecting data on the number, types, frequency, operational characteristics and height of vessels using the Estuary. Both commercial and recreational vessels will be counted and evaluated. The data collection method will be done to provide an adequate sample size representative of seasonal variations and of the months with the busiest ship and boat traffic. Prior to starting this task, Provider ("M&N") will request all available previous data collection efforts that were completed either for the project or for other similar projects in the estuary.

M&N will work closely with the City of Alameda and project stakeholders to develop up to three options for data collection that can meet the project requirements. Various levels of effort could be employed ranging from using advanced technology (cameras, lasers, etc.) to more traditional methods such as boat counts, marina surveys, AIS data, and interviews of waterway users.

M&N will provide an evaluation of the options including cost to implement, accuracy of data, risks, and ability for the data collection method to meet project objectives and requirements. At the end of the evaluation, M&N may engage a technology vendor using some of the allowance for data collection. The final option selected will include multiple locations in the Estuary for data collection. As needed, it will include securing the rights to use each location, and installing, testing and maintaining any systems during the data collection period.

Once an option is selected, M&N will collect all data, and data reports will be provided to the City regularly. Several methods expected to be employed regardless of data collection method include:

- Summarize information publicly available through vessel tracking systems such as Automatic Identification Systems (AIS) that exist on commercial ships.
- Collect data on current and expected future vessel usage through user group surveys at marinas and via telephone interviews with maritime users of the Estuary.
- Physical boat counts over a fixed duration to verify vessel size (length, beam, air draft), transit direction, quantity, date, time, and other pertinent factors.



Simulation Model Development

M&N will meet with the US Coast Guard (USCG) to develop a basis of analysis for a navigation simulation program. This document will summarize key analysis criteria including design vessels, water levels including future sea level rise, currents, wind conditions, and other USCG criteria, as well as the navigation simulation approach (model type, etc.). Once the basis of analysis is approved, M&N will prepare a detailed plan for the simulation testing program, which will be submitted as a draft memo for review by the stakeholders. M&N will complete the navigation study for this project using its desktop real-time vessel simulator (in-house in Baltimore, MD) to evaluate maneuverability of the design vessels for the range of bridge spans (400 – 600 ft) at three proposed bridge locations (W4, W6, E2). The simulator is staffed by M&N in-house navigation experts and provides a context for testing and optimizing the project geometry with input from engineers and other stakeholders.

Deliverables:

- Kick-off meeting which will include:
 - o Project Schedule
 - o Risk Management Plan
- Summary description and evaluation of up to three data collection approaches
- Draft memo on the final recommended system for data collection, the location of temporary data collection sites, a maintenance/monitoring plan, and a list of maritime users to be interviewed and data/information to be collected.
- Installation of data collection devices.
- Monthly data reports of vessel counts and attributes in formats appropriate for project team and USCG usage.
- Navigation Simulation Basis of Analysis
- Draft memo on the Navigation Simulation Model, with a summary of model and inputs, the vessel selected to run through the model, the locations for each potential bridge and pier placement locations and rationale for selecting each of these.
- Completed Navigation Simulation model.

Task 2. Data Analysis and Simulation Runs

Data Analysis

With the results of the data collection, M&N will analyze and prepare a summary of the vessel traffic including vessel type, size (length, width, height), frequency by day and time, and transit direction at the locations surveyed. The analysis will include estimated number of bridge openings at various bridge elevations from 42 ft to 70 ft including a recommended height to minimize impact to all users.

M&N will summarize the results of the data collection both in a memorandum with full results presented and a summary slide deck that can be used to present the results to a variety of stakeholders ranging from the USCG to community members.

Simulation Runs

The simulation runs will be completed in M&N's Baltimore office which houses M&N's desktop simulator. The City, USCG, harbor pilots, and other critical stakeholders may attend and participate in the desktop simulations remotely or in-person. The results of the simulation will be a memorandum to document the results, including a discussion of the reasonable needs of navigation for each location and span length tested. M&N plans to use two days in the ship simulator to test the bridge/waterway geometry and vessels for this project. The fee includes the cost for using the simulator as well as the support/engineering staff.



Bridge Design Advisory Services

The M&N team will provide bridge design advisory services to advise on the approach and also review the outcome from the data collection / analysis program and simulation runs. This includes confirmation that the recommended bridge elevation and span are adequate to progress to future phases of design development. In addition to using an in-house Bridge Design Advisor, this task will be accomplished by the following:

- M&N will convene a 2-hour workshop with bridge design experts within M&N from various regions in the US. The workshop will review the work completed to date, recommended approach, and advise any concerns, risks, challenges, etc. from other similar projects in other regions.
- M&N subconsultant, Steven Grover & Associates, will provide as-needed advisory and peer review services over the course of the study to confirm the approach and results are consistent with the intent of the previous phases of work and are well-matched for future phases of the project.

Deliverables:

- Slide deck of Data Analysis findings, developed for a layperson audience.
- Draft Data Analysis Memo summarizing all data collected, with attachments.
- Draft Navigation Simulation memo on the desktop simulations run using the Navigation Simulation model, including a discussion of the reasonable needs of navigation for each location and span length tested.

Task 3. Key Stakeholder Outreach

M&N assumes that the City of Oakland and USCG will be included in biweekly PDT meetings (up to 44 meetings, 1 hour each, average of 2.5 attendees from M&N) with the City of Alameda, over the course of the project. In Task 3, M&N will convene quarterly meetings (up to 8 meetings, 1 hour each, up to 3 attendees from M&N) with the following key stakeholders:

- City of Alameda
- City of Oakland
- Caltrans District 4
- US Coast Guard
- Port of Oakland
- San Francisco Bar Pilots

Deliverables:

- List of stakeholders and meetings to be conducted
- Summary of each stakeholder meeting, including data, attendees and action notes

Task 4: Advisory Committee Meetings

M&N will participate in two Estuary Bridge Advisory Committee meetings to present the results from Tasks 1-3. One meeting will be held with the Estuary Bridge Technical Advisory Committee (TAC) and one meeting will be held with the Estuary Bridge Stakeholder / Equity Advisor Committee (S/EAC). The input received from these meetings will be incorporated into the final report.

Deliverables:

- Advisory Committee meeting agendas, slide decks, attendees lists, and action notes



Task 5: Draft and Final Reports

Based on the results of Tasks 1-4, M&N will prepare the Waterway Study Report to summarize the results of the data collection, vessel navigation study, and stakeholder and advisory committee input. A final recommendation for bridge height and width will be provided. The final report will address City of Alameda, City of Oakland, and USCG comments and credit the funders on the cover page.

Deliverables:

- Outline for Waterway Study Report
- First draft Waterway Study Report
- Second draft Waterway Study Report
- Final Waterway Study Report, in an ADA-accessible electronic format

Task 6: City Commission/Council Presentations

M&N will develop a concise public facing slide deck that can be used to present at the City of Alameda's Transportation Commission, Alameda City Council, and Oakland City Council. M&N assumes up to two staff from M&N will attend approximately 4 hours of meetings to support the City as needed (e.g. answer questions, present the slide deck on behalf of the project team, etc.).

Deliverable: Slide deck on the Waterway Study Report to be used for all community outreach

**Sustainable Communities Grants
(State)****Restricted Grant Agreement**

This Restricted Grant Agreement (RGA), between the State of California acting by and through its Department of Transportation, referred to herein as **CALTRANS**, and the **CITY OF ALAMEDA**, hereinafter referred to as **AGENCY**, will commence on **NOVEMBER 4, 2024**, or upon approval by **CALTRANS**, whichever occurs later. This RGA is of no effect unless approved by **CALTRANS**. **AGENCY** shall not receive payment for work performed prior to approval of the RGA and before receipt by **AGENCY** of Notice to Proceed from **CALTRANS** Contract Manager. This RGA shall expire on **JUNE 30, 2027**.

Attachments:

The following attachments are incorporated into and are made a part of this RGA by this reference and attachment.

- I. **AGENCY** Resolution
- II. Scope of Work and Project Cost and Schedule
- III. Grant Application Guide

Recitals

1. Under this RGA, **CALTRANS** intends to convey State restricted grant funds to **AGENCY**, pursuant to Budget Act Line Item 2660-102-0042, who will conduct transportation studies and planning within the regional area under the jurisdiction of **AGENCY** under the terms, covenants, and conditions of this RGA.
2. **CALTRANS** and **AGENCY** intend that only funds that are authorized as restricted grants will be subject to this RGA, and that no funds that should be the subject of a Joint Powers Agreement, Interagency Agreement, or other non-grant agreement, shall be subject to this RGA.

Now, therefore, based upon the terms, covenants, and conditions, the parties agree as follows:

Section I**AGENCY Responsibility:**

To timely and satisfactorily complete all Project work described in **Attachment II** within the project budget and in accordance with the items of this RGA.

Section II**CALTRANS Responsibility:**

That when conducting an audit of the costs claimed by **AGENCY** under the provisions of this RGA, to conduct the audit in accordance with applicable laws and regulations.

Section III**Parties' Mutual Responsibilities:**

1. Under this RGA, **CALTRANS** will convey State grant restricted funds to **AGENCY**, pursuant to Budget Act Line Item 2660-102-0042, and **AGENCY** will conduct transportation studies and planning within the regional area described in **Attachment II**. The funds subject to this RGA must

be (a) identified as available for a restricted grant in **CALTRANS'** budget and (b) for the purpose of conducting transportation studies or planning and (c) to a public entity that is responsible for conducting transportation studies or planning.

2. Details of the Grant Program, Funds, Project, and Program Guidelines and the governing State and Federal law are fully described in **Attachment III**, which is attached to and made a part of this RGA.
3. Under this restricted grant, funds may be only used for the purpose set forth in this RGA, Resolution (**Attachment I**), Scope of Work and Project Cost and Schedule (**Attachment II**), and the applicable Grant Application Guide (**Attachment III**), and funds may only be used for costs and expenses that are directly related to such purpose.
4. **AGENCY** shall perform all the duties and obligations described in the **OAKLAND-ALAMEDA ESTUARY WATERWAY STUDY**, hereinafter the Project, subject to the terms and conditions of this RGA and the Approved Project Grant Application (Scope of Work and Project Cost and Schedule), which are attached hereto as **Attachment II**.
5. The resolution authorizing **AGENCY** to execute this RGA pertaining to the above described Project is attached hereto as **Attachment I**.
6. All services performed by **AGENCY** pursuant to this RGA shall be performed in accordance with all applicable Federal, State, and Local laws, regulations, ordinances, all applicable **CALTRANS** policies and procedures, and all applicable **CALTRANS** published manuals, including, but not limited to, the applicable Grant Application Guide (**Attachment III**).

In case of conflict between any applicable Federal, State, and Local laws, regulations, and ordinances, and/or any applicable policies, procedures, or published manuals of either **CALTRANS** or **AGENCY**, the order of precedence of the applicability of same to this RGA shall be established in this order: 1) Federal laws and regulations; 2) California laws and regulations; 3) **CALTRANS** policies, procedures, and published manuals; 4) Local ordinances; and 5) **AGENCY** policies, procedures, and published manuals. This RGA may not include any Federal funds.

7. Project funding is as follows:

Fund Source: STATE	Fund Source: AGENCY				Total Project Cost
State Highway Account (SHA) Grant Funds	Local Match (Cash)	Local Match (In-Kind)	Total Local Match	% Local Match	
\$480,070.00	\$62,646.00	\$0.00	\$62,646.00	11.47%	\$542,716.00

No in-kind contributions may be made unless the amount and type of the contribution is identified above.

8. This RGA is exempt from legal review and approval by the Department of General Services (DGS), pursuant to applicable law.
9. **Notification of Parties**
 - a. **AGENCY's** Project Manager for Project is Rochelle Wheeler, rwheeler@alamedaca.gov, (510) 747-7442.

- b. **AGENCY's** Financial Manager for the Project is Margaret L. O'Brien, mobrien@alamedaca.gov.
- c. **CALTRANS** Contract Manager is Melissa Hernandez, melissa.hernandez@dot.ca.gov, (510) 496-9642. "Contract Manager" as used herein includes his/her designee.
- d. All notices herein provided to be given, or which may be given, by either party to the other, shall be deemed to have been fully given when made in writing and received by the parties at their respective addresses:

City of Alameda
Attention: Rochelle Wheeler, Senior Transportation Coordinator
Phone Number: (510) 747-7442
Email: rwheeler@alamedaca.gov
Address: 2263 Santa Clara Avenue
Alameda, CA 94501

California Department of Transportation
District 4, Community Planning
Attention: Melissa Hernandez, Contract Manager
Phone Number: (510) 496-9642
Email: melissa.hernandez@dot.ca.gov
Address: 111 Grand Avenue, #300
Oakland, CA 95612

10. Period of Performance

- a. Reimbursable work under this RGA shall begin no earlier than on **NOVEMBER 4, 2024**, following the written approval of **CALTRANS** and **AGENCY's** receipt of the Notice to Proceed letter of this RGA by the **CALTRANS** Contract Manager, and will expire on **JUNE 30, 2027**.
- b. **AGENCY** will attend a kickoff meeting with **CALTRANS** to be scheduled within one (1) week from receipt of Notice to Proceed letter by **CALTRANS** Contract Manager.

11. Changes in Terms/Amendments

This Agreement may only be amended or modified by mutual written agreement of the parties. Any proposed modification to this agreement that requires a formal amendment must be submitted by **AGENCY** to **CALTRANS** no less than ninety (90) days prior to the expiration of this RGA.

12. Cost Limitation

- a. The maximum total amount granted and reimbursable to **AGENCY** pursuant to this RGA by **CALTRANS** shall not exceed **\$480,070.00**.
- b. It is agreed and understood that this RGA fund limit is an estimate and that **CALTRANS** will only reimburse the cost of services actually rendered in accordance with the provisions of this RGA and as authorized by the **CALTRANS** Contract Manager at or below that fund limitation established herein.

13. Termination

- a. If the applicable law and the Grant Program guidelines provide for such termination, **CALTRANS** reserves the right to terminate this RGA for any or no reason upon written notice to **AGENCY** at least 30 days in advance of the effective date of such termination in the event

CALTRANS determines (at its sole discretion) that **AGENCY** failed to proceed with Project work in accordance with the terms of this RGA. In the event of termination for convenience, **CALTRANS** will reimburse **AGENCY** for all allowable, authorized, and non-cancelled costs up to the date of termination.

- b. This RGA may be terminated by either party for any or no reason by giving written notice to the other party at least 30 days in advance of the effective date of such termination. In the event of termination for convenience, **CALTRANS** will reimburse **AGENCY** for all allowable, authorized, and non-cancelled costs up to the date of termination.
- c. **AGENCY** has 60 days after the Termination Date to submit accurate invoices to **CALTRANS** to make final allowable payments for Project costs in accordance to the terms of this RGA. Failure to submit accurate invoices within this period of time shall result in a waiver by **AGENCY** of its right to reimbursement of expended costs.

14. Budget Contingency Clause

- a. It is mutually agreed that if the US Congress or the State Legislature fail to appropriate or allocate funds during the current year and/or any subsequent years covered under this RGA and do not appropriate sufficient funds for the program, this RGA shall be of no further force and effect. In this event, **CALTRANS** shall have no liability to pay any funds whatsoever to **AGENCY** or to furnish any other considerations under this RGA and **AGENCY** shall not be obligated to perform any provisions of this RGA.
- b. If funding for any fiscal year is reduced or deleted by the US Congress or the State Legislature for purposes of this program, **CALTRANS** shall have the option to either terminate this RGA with no liability occurring to **CALTRANS**, or offer an RGA Amendment to **AGENCY** to reflect the reduced amount.

15. Payment and Invoicing

AGENCY, its contractors, subcontractors and sub-recipients shall establish and maintain an accounting system and records that properly accumulate and segregate incurred Project costs and matching funds by line. The accounting system of **AGENCY**, its contractors, all subcontractors, and sub-recipients shall conform to Generally Accepted Accounting Principles (GAAP) and any standards specified by the source of funds, to enable the determination of incurred costs at interim points of completion, and to provide support for reimbursement payment vouchers or invoices.

- a. The method of payment for this RGA will be based on the actual allowable costs that are incurred in accordance with the provisions of this RGA and in the performance of the Project Work. **CALTRANS** will reimburse **AGENCY** for expended actual allowable direct costs and including, but not limited to, labor costs, travel, and contracted consultant services costs incurred by **AGENCY** in performance of the Project work. Indirect costs are reimbursable only if the **AGENCY** has identified the estimated indirect cost rate in **Attachment II** and an approved Indirect Cost Allocation Plan or an Indirect Cost Rate Proposal as set forth in **Section III–Cost Principles, Paragraph 17d**. The total cost shall not exceed the cost reimbursement limitation set forth in **Section III–Cost Limitation, Paragraph 12a**. Actual costs shall not exceed the estimated wage rates, labor costs, travel, and other estimated costs and fees set forth in **Attachment II** without an amendment to this RGA, as agreed between **CALTRANS** and **AGENCY**.
- b. Reimbursement of **AGENCY** expenditures will be authorized only for those allowable costs actually incurred by **AGENCY** in accordance with the provisions of this RGA and in the

performance of Project Work. **AGENCY** must not only have incurred the expenditures on or after the start date and the issuance of Notice to Proceed letter for this RGA and before Expiration Date but must have also paid for those costs to claim any reimbursement.

- c. Travel expenses and per diem rates are not to exceed the rate specified by the State of California Department of Human Resources for similar employees (i.e. non-represented employees) unless written verification is supplied that government hotel rates were not then commercially available to **AGENCY**, its sub-recipients, contractors, and/or subcontractors, at the time and location required as specified in the California Department of Transportation's Travel Guide Exception Process at the following link: <https://travelpocketguide.dot.ca.gov/>.

Also see website for summary of travel reimbursement rules.

- d. **AGENCY** shall submit invoices to **CALTRANS** at least quarterly, but no more frequently than monthly, in arrears for completion of milestones in accordance with the **PROJECT** Cost and Schedule in **Attachment II** to the satisfaction of **CALTRANS** Contract Manager. Invoices shall reference this RGA Number and shall be signed and submitted to **CALTRANS** Contract Manager at the following address, as stated in **Section III–Notification of Parties, Item 9c**. One-time lump sum invoices for grant amount is not allowed.
- e. Invoices shall include the following information:
 - 1) Names of the **AGENCY** personnel performing work
 - 2) Dates and times of Project Work
 - 3) Locations of Project Work
 - 4) Itemized costs as set forth in **Attachment II**, including identification of each employee, contractor, or subcontractor staff who provided services during the period of the invoice, the number of hours and hourly rates for each employee, contractor, sub-recipient, or subcontractor staff member, authorized travel expenses with receipts, receipts for authorized materials or supplies, and contractor, sub-recipient and subcontractor invoices.
- f. Incomplete or inaccurate invoices shall be returned to the **AGENCY**, unapproved, for correction. Failure to submit invoices on a timely basis may be grounds for termination of this RGA for material breach per **Section III–Termination, Paragraph 13**.
- g. **CALTRANS** will reimburse **AGENCY** for all allowable Project costs at least quarterly, but no more frequently than monthly, in arrears as promptly as **CALTRANS** fiscal procedures permit upon receipt of an itemized signed invoice.
- h. The RGA Expiration Date refers to the last date for **AGENCY** to incur valid Project costs or credits and is the date the RGA expires. **AGENCY** has 60 days after that Expiration Date to make final allowable payments to Project contractors or vendors and submit the Project's Final Product(s) as defined in **Attachment II** and a final accurate invoice to **CALTRANS** for reimbursement for allowable Project costs. Any unexpended Project funds not invoiced by the 60th day will be reverted and will no longer be accessible to reimburse late Project invoices.

16. Local Match Funds

- a. **AGENCY** shall contribute not less than its specified local match amount toward the services described herein by the grant expiration date identified in Paragraph 1 of this RGA. **AGENCY** can provide less than their percentage local match contribution in each invoice submittal, but

AGENCY must fully satisfy the local cash and in-kind match amount and percentage identified in **Section III, Paragraph 7**, with the final invoice.

- b. If Agency fails to provide the contractual local match identified in **Section III, Paragraph 7**, it is grounds for contract termination as identified in **Section III, Paragraph 13**.

17. Quarterly Progress Reporting

AGENCY shall submit written quarterly progress reports to **CALTRANS** Contract Manager to determine if **AGENCY** is performing to expectations, is on schedule, is within funding cost limitations, to communicate interim findings, and to afford occasions for airing difficulties respecting special problems encountered so that remedies can be developed.

18. Cost Principles

- a. **AGENCY** agrees to comply with Title 2, Code of Federal Regulations (CFR), Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- b. **AGENCY** agrees, and will assure that its contractors, sub-recipients, and subcontractors will be obligated to agree, that (a) Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31, et seq., shall be used to determine the allowability of individual Project costs and (b) all parties shall comply with Federal administrative procedures in accordance with 2 CFR, Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Every sub-recipient receiving Project funds as a sub-recipient, contractor, or subcontractor under this RGA shall comply with Federal administrative procedures in accordance with 2 CFR, Part 200, Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards to the extent applicable.
- c. Prior to **AGENCY** seeking reimbursement of indirect costs, **AGENCY** must have identified the estimated indirect cost rate in **Attachment II**, prepare and submit annually to **CALTRANS** for review and approval an indirect cost rate proposal and a central service cost allocation plan (if any) in accordance with 2 CFR, Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and Chapter 5 of the Local Assistance Procedures Manual which may be accessed at: <https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/lapm/ch05.pdf>.
- d. **AGENCY** agrees and shall require that all its agreements with consultants and sub-recipients contain provisions requiring adherence to this section in its entirety.

19. Repayment of Unallowable Costs

Any Project costs for which **AGENCY** has received payment or credit that are determined by subsequent audit to be unallowable under 2 CFR, Part 200, and/or Part 48, Chapter 1, Part 31, are subject to repayment by **AGENCY** to **CALTRANS**. Should **AGENCY** fail to reimburse moneys due **CALTRANS** within 30 days of discovery or demand, or within such other period as may be agreed in writing between the parties hereto, **CALTRANS** is authorized to intercept and withhold future payments due **AGENCY** from **CALTRANS** or any third-party source, including, but not limited to, the State Treasurer, the State Controller, or any other fund source.

20. Americans with Disabilities Act

By signing this Agreement, **LOCAL AGENCY** assures **CALTRANS** that in the course of performing Project Work, it will fully comply with the applicable provisions of the Americans with Disabilities Act (ADA) of 1990, as amended, which prohibits discrimination on the basis of

disability, as well as all applicable regulations and guidelines issued pursuant to the ADA (42 USC Section 12101 et seq.).

21. Indemnification

Neither **CALTRANS** nor any officer or employee thereof is responsible for any injury, damage, or liability occurring by reason of anything done or omitted to be done by **AGENCY**, its officers, employees, agents, contractors, sub-recipients, or subcontractors under or in connection with any work, authority, or jurisdiction conferred upon **AGENCY** under this RGA. It is understood and agreed that **AGENCY** shall fully defend, indemnify, and save harmless **CALTRANS** and all of **CALTRANS'** officers and employees from all claims, suits or actions of every name, kind, and description brought forth under, including, but not limited to, tortious, contractual, inverse condemnation or other theories or assertions of liability occurring by reason of anything done or omitted to be done by **AGENCY**, its officers, employees, agents, contractors, sub-recipients, or subcontractors under this RGA.

22. Nondiscrimination Clause (2 CCR 11105 Clause b)

- a. During the performance of this RGA, the **AGENCY** contractors, sub-recipients, and subcontractors shall not deny the contract's benefits to any person on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status, nor shall they discriminate unlawfully against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status. **AGENCY** shall ensure that the evaluation and treatment of employees and applicants for employment are free of such discrimination.
- b. **AGENCY** shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code Sections 12900 et seq.), the regulations promulgated thereunder (Cal. Code Regs., Tit. 2, Sections 11000 et seq.), the provisions of Article 9.5, Chapter 1, Part 1, Division 3, Title 2 of the Government Code (Gov. Code Sections 11135-11139.5), and the regulations or standards adopted by **CALTRANS** to implement such article.
- c. **AGENCY** shall permit access by representatives of the Department of Fair Employment and Housing and **CALTRANS** upon reasonable notice at any time during normal business hours, but in no case less than 24 hours' notice, to such of its books, records, accounts, and all other sources of information and its facilities as said Department or **CALTRANS** shall require to ascertain compliance with this clause.
- d. **AGENCY** and contractors, sub-recipients, and subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
- e. **AGENCY** shall include the nondiscrimination and compliance provisions of this clause in all agreements with its sub-recipients, contractors, and subcontractors, and shall include a requirement in all agreements with all of same that each of them in turn include the nondiscrimination and compliance provisions of this clause in all contracts and subcontracts they enter into to perform work under the RGA.

23. Retention of Records/Audits

- a. **AGENCY**, its contractors, subcontractors and sub-recipients, agree to comply with Title 2, Code of Federal Regulations (CFR), Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- b. All accounting records and other supporting papers of **AGENCY**, its contractors, subcontractors and sub-recipients connected with Project performance under this RGA shall be maintained for a minimum of three (3) years from the date of final payment to **AGENCY** and shall be held open to inspection, copying, and audit by representatives of **CALTRANS**, the California State Auditor, and auditors representing the federal government. Copies thereof will be furnished by **AGENCY**, its contractors, its subcontractors and sub-recipients upon receipt of any request made by **CALTRANS** or its agents. In conducting an audit of the costs and match credits claimed under this RGA, **CALTRANS** will rely to the maximum extent possible on any prior audit of **AGENCY** pursuant to the provisions of State and **AGENCY** law. In the absence of such an audit, any acceptable audit work performed by **AGENCY's** external and internal auditors may be relied upon and used by **CALTRANS** when planning and conducting additional audits.
- c. For the purpose of determining compliance with applicable State and **AGENCY** law in connection with the performance of **AGENCY's** agreements with third parties pursuant to Government Code Section 8546.7, **AGENCY**, **AGENCY's** sub-recipients, contractors, subcontractors, and **CALTRANS**, shall each maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of such contracts, including, but not limited to, the costs of administering those various contracts. All the above referenced parties shall make such materials available at their respective offices at all reasonable times during the entire Project period and for three (3) years from the date of final payment to **AGENCY** under this RGA. **CALTRANS**, the California State Auditor, or any duly authorized representative of **CALTRANS** or the United States Department of Transportation, shall each have access to any books, records, and documents that are pertinent to a Project for audits, examinations, excerpts, and transactions, and **AGENCY** shall furnish copies thereof if requested.
- d. **AGENCY**, its sub-recipients, contractors, and subcontractors will permit access to all records of employment, employment advertisements, employment application forms, and other pertinent data and records by the State Fair Employment Practices and Housing Commission, or any other **AGENCY** of the State of California designated by **CALTRANS**, for the purpose of any investigation to ascertain compliance with this RGA.
- e. Additionally, all grants may be subject to a pre-award audit prior to execution of the RGA to ensure **AGENCY** has an adequate financial management system in place to accumulate and segregate reasonable, allowable, and allocable costs.
- f. Any contract with a contractor, subcontractor, or sub-recipient entered into as a result of this RGA shall contain all the provisions of this article.

24. Adjudication of Facts in Disputes

- a. Any dispute concerning a question of fact arising under this RGA that is not disposed of by agreement shall be decided by the **CALTRANS** Contract Officer, who may consider any written or verbal evidence submitted by **AGENCY**. The **CALTRANS** Contract Officer shall issue a written decision within 30 days of receipt of the dispute. If **AGENCY** rejects the decision of the **CALTRANS** Contract Officer, **AGENCY** can

pursue any and all remedies authorized by law. Neither party waives any rights to pursue remedies authorized by law.

- b. Neither the pendency of a dispute nor its consideration by **CALTRANS** Contract Officer will excuse **AGENCY** from full and timely performance in accordance with the terms of the RGA.
- c. Voluntary Resolution: Reference to Other Means of Resolution. In recognition of the government-to-government relationship of the **AGENCY** and **CALTRANS**, the parties shall make their best efforts to resolve disputes that occur under this RGA by good faith negotiations whenever possible. Therefore, without prejudice to the right of either party to seek injunctive relief against the other when circumstances are deemed to require immediate relief, the parties hereby establish a threshold requirement that disputes between the **AGENCY** and **CALTRANS** first be subjected to a process of meeting and conferring in good faith in order to foster a spirit of cooperation and efficiency in the administration and monitoring of performance and compliance by each other with the terms, provisions, and conditions of this RGA, as follows:
 - 1) Either party shall give the other, as soon as possible after the event giving rise to the concern, a written notice setting forth, with specificity, the issues to be resolved.
 - 2) The parties shall meet and confer in a good faith attempt to resolve the dispute through negotiation not later than 10 days after receipt of the notice, unless both parties agree in writing to an extension of time.
 - 3) If the dispute is not resolved to the satisfaction of the parties within 30 working days after the first meeting, then either party may seek to have the dispute resolved by alternative dispute resolution methods, including, but not limited to, non-binding arbitration, mediation, or the use of a technical advisor.
 - 4) Disagreements that are not otherwise resolved by mutually acceptable means as provided herein may be resolved in the Superior Court of the State of California located within the same county where a Project is located. The disputes to be submitted to the court include claims of breach or violation of this RGA. This RGA shall be interpreted under the laws of the State of California without regard to any conflict of laws' provisions. In no event may **AGENCY** be precluded from pursuing any arbitration or judicial award or remedy against **CALTRANS** on the grounds that **AGENCY** has failed to exhaust its state administrative remedies. The parties agree that, except in the case of imminent threat to public health or safety, reasonable efforts will be made to explore alternative dispute resolution avenues prior to initiating judicial proceedings.

25. Third-Party Contracts

- a. All State-government funded procurements must be conducted using a fair and competitive procurement process. AGENCY may use its own procurement procedures as long as the procedures comply with the local AGENCY's laws, rules, and ordinances governing procurement and all applicable provisions of State law, including, without limitation, the requirement that the AGENCY endeavor to obtain at least three (3) competitive bids for solicitation of goods, services, and consulting services.

Resources for Third Party Contracts, which are not inconsistent with this Paragraph 25, Third Party Contracts:

- 1) Part 2, Chapter 2, Articles 3 and 4 of the Public Contract Code
 - 2) State Contracting Manual (SCM), Chapter 5
 - 3) Caltrans Local Assistance Procedures Manual (LAPM) Chapter 10
- b. Any contract entered into as a result of this RGA shall contain all the provisions stipulated in this RGA to be applicable to **AGENCY's** subrecipients, contractors, and subcontractors. Copies of all agreements with subrecipients, contractors, and subcontractors must be submitted to the **CALTRANS** Contract Manager.
 - c. **CALTRANS** does not have a contractual relationship with the **AGENCY's** subrecipients, contractors, or subcontractors and the **AGENCY** shall be fully responsible for all work performed by its sub-recipients, contractors, or subcontractors.
 - d. Prior authorization in writing by **CALTRANS** Contract Manager shall be required before **AGENCY** enters into any non-budgeted purchase order or sub-agreement for supplies, or consultant services. **AGENCY** shall provide an evaluation of the necessity or desirability of incurring such costs. **AGENCY** shall retain all receipts for such purchases or services and shall submit them with invoices per **Section III–Payment and Invoicing, Paragraph 15(e)(4), above.**
 - e. Any contract entered into by **AGENCY** as a result of this RGA shall mandate that travel and per diem reimbursements and third-party contract reimbursements to subrecipients, contractors, and subcontractors, will be allowable as Project costs only after those costs are incurred and paid for by the subrecipients, contractors, and subcontractors. Travel expenses and per diem rates for subcontractors shall be reimbursed pursuant to **Section III–Payment and Invoicing, Paragraph 15c, above.**

26. Drug-Free Workplace Certification

By signing this RGA, **AGENCY** hereby certifies under penalty of perjury under the laws of California that **AGENCY** will comply with the requirements of the Drug-Free Workplace Act of 1990 (Gov. Code Sections 8350 et seq.) and will provide a Drug-Free workplace by doing all the following:

- A. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations, as required by Government Code Section 8355(a)(1).
- B. Establish a Drug-Free Awareness Program as required by Government Code Section 8355(a)(2) to inform employees about all the following:
 - 1) The dangers of drug abuse in the workplace;
 - 2) The person's or organization's policy of maintaining a Drug-Free workplace;
 - 3) Any available counseling, rehabilitation, and employee assistance programs; and
 - 4) Penalties that may be imposed upon employees for drug abuse violations.
- C. Provide, as required by Government Code Section 8355(a)(3), that every employee who works on the proposed contract or grant:
 - 1) Will receive a copy of the company's Drug-Free Policy Statement, and
 - 2) Will agree to abide by the terms of the company's statement as a condition of

employment on the contract or grant.

- D. Failure to comply with these requirements may result in suspension of payments under this RGA or termination of this RGA or both, and **AGENCY** may be ineligible for the award of any future State contracts if **CALTRANS** determines that any of the following has occurred: (1) **AGENCY** has made a false certification or, (2) **AGENCY** violates the certification by failing to carry out the requirements as noted above.

27. Relationship of Parties

It is expressly understood that this agreement is executed by and between two (2) independent governmental entities and is not intended to, and shall not be construed to, create the relationship of agent, servant, employee, partnership, joint venture or association, or any other relationship whatsoever other than that of an independent party.

28. State-Owned Data

- A. **AGENCY** agrees to comply with the following requirements to ensure the preservation, security, and integrity of State-owned data on portable computing devices and portable electronic storage media:
- 1) Encrypt all State-owned data stored on portable computing devices and portable electronic storage media using government-certified Advanced Encryption Standard (AES) cipher algorithm with a 256-bit or 128-bit encryption key to protect **CALTRANS** data stored on every sector of a hard drive, including temp files, cached data, hibernation files, and even unused disk space.
 - 2) Data encryption shall use cryptographic technology that has been tested and approved against exacting standards, such as FIPS 140-2 Security Requirements for Cryptographic Modules.
 - 3) Encrypt, as described above, all State-owned data transmitted from one computing device or storage medium to another.
 - 4) Maintain confidentiality of all State-owned data by limiting data sharing to those individuals contracted to provide services on behalf of the State, and limit use of State information assets for State purposes only.
 - 5) Install and maintain current anti-virus software, security patches, and upgrades on all computing devices used during the course of the Agreement.
 - 6) Notify **CALTRANS** Contract Manager immediately of any actual or attempted violations of security of State-owned data, including lost or stolen computing devices, files, or portable electronic storage media containing State-owned data.
 - 7) Advise the owner of the State-owned data, the **AGENCY** Information Security Officer, and the **AGENCY** Chief Information Officer of vulnerabilities that may present a threat to the security of State-owned data and of specific means of protecting that State-owned data.
- B. **AGENCY** agrees to use the State-owned data only for State purposes under this Agreement.
- C. **AGENCY** agrees to not transfer State-owned data to any computing system, mobile device, or desktop computer without first establishing the specifications for information integrity and security as established for the original data file(s). (State Administrative Manual (SAM) Section 5335.1)

29. Assumption of Risk and Indemnification Regarding Exposure to Environmental Health Hazards

In addition to, and not a limitation of, Contractor's indemnification obligations contained elsewhere in this RGA, Contractor hereby assumes all risks of the consequences of exposure of Contractor's employees, agents, subrecipients, contractors, and subcontractors, subcontractors' employees, and any other person, firm, or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement, to any and all environmental health hazards, local and otherwise, in connection with the performance of this Agreement. Such hazards include, but are not limited to, bodily injury and/or death resulting in whole or in part from exposure to infectious agents and/or pathogens of any type, kind or origin. Contractor also agrees to take all appropriate safety precautions to prevent any such exposure to Contractor's employees, agents, subrecipients, contractors, and subcontractors, subcontractors' employees, and any other person, firm or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement. Contractor also agrees to indemnify and hold harmless Caltrans, the State of California, and each and all of their officers, agents and employees, from any and all claims and/or losses accruing or resulting from such exposure. Except as provided by law, Contractor also agrees that the provisions of this paragraph shall apply regardless of the existence or degree of negligence or fault on the part of Caltrans, the State of California, and/or any of their officers, agents and/or employees.

30. Mandatory Organic Waste Recycling

It is understood and agreed that pursuant to Public Resources Code Sections 42649.8 et seq., if Contractor generates two (2) cubic yards or more of organic waste or commercial solid waste per week, Contractor shall arrange for organic waste or commercial waste recycling services that separate/source organic waste for organic waste recycling. Contractor shall provide proof of compliance, i.e. organic waste recycling services or commercial waste recycling services that separate/source organic waste recycling, upon request from Caltrans Contract Manager.

31. ADA Compliance

All entities that provide electronic or information technology or related services that will be posted online by Caltrans must be in compliance with Government Code Sections 7405 and 11135 and the Web Content Accessibility Guidelines (WCAG) 2.0 or subsequent version, published by the Web Accessibility Initiative of the World Wide Web Consortium at a minimum Level AA success. All entities will respond to and resolve any complaints/deficiencies regarding accessibility brought to their attention.

32. Project Close Out/Final Product

- a. **AGENCY** will provide an electronic version, preferable ADA accessible of the Final Product(s) to the **CALTRANS** Contract Manager.
- b. **CALTRANS** reserves the right to withhold final payment to **AGENCY** pending receipt of Final Product(s) to **CALTRANS** Contract Manager.

33. Ownership of Proprietary Property

a. Definitions

- 1) **Work**: The work to be directly or indirectly produced by **AGENCY** under this RGA.
- 2) **Work Product**: All deliverables created or produced from **Work** under this RGA including, but not limited to, all **Work** and Deliverables conceived or made, or made hereafter conceived or made, either solely or jointly with others during the term of this RGA and

during a period of six (6) months after the termination thereof, which relates to the **Work** commissioned or performed under this RGA. "**Work Product**" includes all deliverables, inventions, innovations, improvements, or other works of authorship **AGENCY**, its subrecipients, a third-party contractor or subcontractor may conceive of or develop in the course of this RGA, whether or not they are eligible for patent, copyright, trademark, trade secret, or other legal protection.

- 3) **Inventions:** Any idea, methodologies, design, concept, technique, invention, discovery, improvement or development regardless of patentability made solely by **AGENCY** or jointly with the **AGENCY's** contractor, subcontractor and/or subrecipient and/or the **AGENCY's** contractor, subcontractor and/or subrecipient's employees with one or more employees of **CALTRANS**, during the term of this RGA and in performance of any Work under this RGA, provided that either the conception or reduction to practice thereof occurs during the term of this RGA and in performance of **Work** issued under this RGA.

b. Ownership of Work Product and Rights

- 1) **Copyright Ownership of Work Product:** Except in regard to Pre-existing Works, all **Work Product** derived by the **Work** performed by the **AGENCY**, its employees, or by any of the **AGENCY's** contractor's, subcontractor's, and/or sub-recipient's employees under this RGA, shall be owned by **CALTRANS** and **AGENCY** and shall be considered to be works made for hire by the **AGENCY** and **AGENCY's** contractor, subcontractor, and/or sub-recipient for **CALTRANS** and **AGENCY**. **CALTRANS** and **AGENCY** shall own all United States and international copyrights in the **Work Product**.

As such, all **Work Product** shall contain, in a conspicuous place, a copyright designation consisting of a "c" in a circle followed by the four-digit year in which the Work Product was produced, followed by the words "California Department of Transportation and **AGENCY**. All Rights Reserved." For example, a Work Product created in the year 2012 would contain the copyright designation © 2012 California Department of Transportation and **AGENCY**. All Rights Reserved.

- 2) **Vesting of Copyright Ownership:** **AGENCY**, its employees, and all of **AGENCY's** contractor's, subcontractor's, and sub-recipient's employees, agrees to perpetually assign, and upon creation of each Work Product automatically assigns, to **CALTRANS** and **AGENCY**, its successors and assigns, ownership of all United States and international copyrights in each and every **Work Product**, insofar as any such **Work Product**, by operation of law, may not be considered work made for hire by the **AGENCY's** contractor, subcontractor, and/or sub-recipient, from **CALTRANS**. From time to time, **CALTRANS** and the **AGENCY** shall require its contractors, subcontractors, and/or sub-recipients, and their respective employees, to confirm such assignments by execution and delivery of such assignments, confirmations, or assignment, or other written instruments as **CALTRANS** and the **AGENCY** may request. **CALTRANS** and the **AGENCY**, its successors, and assigns, shall have the right to obtain and hold in its or their own name(s) all copyright registrations and other evidence of rights that may be available for **Work Product**. **AGENCY** shall require contractors, including subcontractors, to waive all moral rights relating to identification of authorship restriction or limitation on use, or subsequent modifications of the **Work**.

c. Inventions

- 1) **Vesting of Patent Ownership:** **AGENCY** agrees to require sub-recipients, contractors, subcontractors, and their respective employees, to assign to **CALTRANS** and **AGENCY**,

its successors, and assigns, all Inventions, together with the right to seek protection by obtaining patent ownership rights and the right to claim all rights or priority there under, and the same shall become and remain **CALTRANS'** property regardless of whether such protection is sought. The **AGENCY**, its employees, and **AGENCY's** contractor, subcontractor, and sub-recipient, shall promptly make a complete written disclosure to **CALTRANS** of each Invention not otherwise clearly disclosed to **CALTRANS** in the pertinent **Work Product**, specifically pointing out features or concepts that the **AGENCY**, its employees, and/or **AGENCY's** contractor, subcontractor, and/or sub-recipient believes to be new or different. The **AGENCY**, its employees, and **AGENCY's** contractor, subcontractor, and subrecipient, shall, upon **CALTRANS'** and **AGENCY's** request and at **CALTRANS'** and **AGENCY's** expense, cause patent applications to be filed thereon, through solicitors designated by **CALTRANS** and **AGENCY**, and shall sign all such applications over to **CALTRANS** and **AGENCY**, its successors, and assigns. The **AGENCY**, its employees, and **AGENCY's** contractor, subcontractor, and sub-recipient, shall give **CALTRANS** and **AGENCY** and its solicitors all reasonable assistance in connection with the preparation and prosecution of any such patent applications and shall cause to be executed all such assignments or other instruments or documents as **CALTRANS** and **AGENCY** may consider necessary or appropriate to carry out the intent on this RGA.

- 2) **Agency:** In the event that **CALTRANS** and **AGENCY** are unable for any reason whatsoever to secure the **AGENCY's**, its employees', and/or **AGENCY's** contractor's, subcontractor's, and/or sub-recipient's signature to any lawful or necessary document required or desirable to apply for or prosecute any United States application (including renewals or divisions thereof), **AGENCY**, its employees, and **AGENCY's** contractor, subcontractor, and sub-recipient, hereby irrevocably designates and appoints **CALTRANS** and **AGENCY** and its duly authorized officers and agents, as its agent and attorney-in-fact, to act for and on **AGENCY**, its employees, and **AGENCY's** contractor's, subcontractor's, and sub-recipient's behalf and stead, to execute and file such applications and to do all other lawfully permitted acts to further the prosecution and issuance of any copyrights, trademarks, or patents, thereon with the same legal force and effect as if executed by **AGENCY**, its employees, and **AGENCY's** contractor, subcontractor, and subrecipient. **CALTRANS** and **AGENCY** shall have no obligations to file any copyright, trademark, or patent applications.

d. **Additional Provisions**

- 1) **Avoidance of infringement:** In performing services under this RGA, **AGENCY** and its employees agree to avoid designing or developing any items that infringe one (1) or more patents or other intellectual property rights of any third party. If **AGENCY** or its employees becomes aware of any such possible infringement in the course of performing any Work under this RGA, **AGENCY** or its employees shall immediately notify **CALTRANS** in writing.
- 2) **Pre-existing Works and License:** **AGENCY** agrees to require contractors, subcontractors, and subrecipients, to acknowledge that all **Work Product** shall be the sole and exclusive property of **CALTRANS** and **AGENCY**, except that any **Pre-existing Works** created by **AGENCY** and third parties outside of the RGA but utilized in connection with the RGA (the "**Pre-existing Works**") shall continue to be owned by **AGENCY** or such parties. **AGENCY** agrees to notify **CALTRANS** in writing of any **Pre-existing Works** used in connection with any **Work Product** produced under this RGA and hereby grants to

CALTRANS a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license to utilize the **Pre-existing Works** in connection with the **Work Product**.

- 3) **Contractors, Subcontractors, and Subrecipients:** Through contract with its sub-recipients, contractors, and subcontractors, **AGENCY** shall affirmatively bind by contract all of its contractors, subcontractors, subrecipients, and service vendors (hereinafter "**AGENCY's Contractor/Subcontractor/Subrecipient**") providing services under this RGA to conform to the provisions of this Exhibit. In performing services under this RGA, **AGENCY's Contractor/Subcontractor/Subrecipient** shall agree to avoid designing or developing any items that infringe one (1) or more patents or other intellectual property rights of any third party. If **AGENCY's Contractor/Subcontractor/Subrecipient** becomes aware of any such possible infringement in the course of performing any Work under this RGA, **AGENCY's Contractor/Subcontractor/Subrecipient** shall immediately notify the **AGENCY** in writing, and **AGENCY** will then immediately notify the Department in writing.

e. Ownership of Data

- 1) Upon completion of all **Work** under this RGA, all intellectual property rights, ownership, and title to all reports, documents, plans, specifications, and estimates, produced as part of this RGA will automatically be vested in **CALTRANS** and **AGENCY** and no further agreement will be necessary to transfer ownership to **CALTRANS** and **AGENCY**. The **AGENCY**, its contractors, subcontractors, and subrecipients, shall furnish **CALTRANS** all necessary copies of data needed to complete the review and approval process.
- 2) It is understood and agreed that all calculations, drawings, and specifications, whether in hard copy or machine-readable form, are intended for one-time use in the Project for which this RGA has been entered into.
- 3) **AGENCY**, its contractors, subcontractors, and subrecipients, are not liable for claims, liabilities or losses arising out of, or connected with, the modification or misuse by **CALTRANS** of the machine readable information and data provided by **AGENCY**, its contractors, subcontractors, and subrecipients, under this RGA; further, **AGENCY**, its contractors, subcontractors, and subrecipients, are not liable for claims, liabilities or losses arising out of, or connected with, any use by **CALTRANS** of the Project documentation on other projects, for additions to this Project, or for the completion of this project by others, excepting only such use as may be authorized, in writing, by **AGENCY**, its contractors, subcontractors, and subrecipients.
- 4) Any sub-agreement in excess of \$25,000.00 entered into as a result of this RGA shall contain all of the provisions of this clause.

34. Electronic Signatures

Each party agrees that the electronic signatures, whether digital or encrypted, of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures for this Agreement. Documents that are referenced by this Agreement may still require manual signatures.

35. Executive Order N-6-22 – Russia Sanctions

On March 4, 2022, Governor Gavin Newsom issued Executive Order [N-6-22](#) (the EO) regarding Economic Sanctions against Russia and Russian entities and individuals. "Economic Sanctions" refers to sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as any sanctions imposed under state law unless the contract has been Federalized (i.e. there is federal participation in any phase). The EO directs state agencies to terminate contracts with,

and to refrain from entering any new contracts with, individuals or entities that are determined to be a target of Economic Sanctions. Accordingly, should the State determine Contractor is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for termination of this agreement. The State shall provide Contractor advance written notice of such termination, allowing Contractor at least 30 calendar days to provide a written response. Termination shall be at the sole discretion of the State.

Section IV

In Witness Whereof, the parties hereto have executed this RGA on the day and year first herein above written:

STATE OF CALIFORNIA

CITY OF ALAMEDA

DEPARTMENT OF TRANSPORTATION

By: *Hilda Watterson*

By: *Cara Silver*
Cara Silver (Oct 28, 2024 15:58 PDT)

Printed Name:
Hilda Watterson

Printed Name:
Cara Silver

Title:
Staff Services Manager II

Title:
Special Counsel

Date:
11/06/2024

Date:
10/28/2024

By: *Allen Tai*

Printed Name:
Allen Tai

Title:
Planning, Building, and Transportation Director

Date:
10/28/2024

By: *Jennifer Ott*
Jennifer Ott (Oct 28, 2024 16:37 PDT)

Printed Name:
Jennifer Ott

Title:
City Manager

Date:
10/28/2024

CITY OF ALAMEDA RESOLUTION NO. 16197

AUTHORIZING THE CITY MANAGER TO EXECUTE ALL NECESSARY DOCUMENTS WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) TO ACCEPT GRANT FUNDS IN THE AMOUNT OF \$480,070 FOR THE OAKLAND-ALAMEDA ESTUARY WATERWAY STUDY, AND AMENDING THE FISCAL YEAR 2024-25 GRANTS FUND (FUND 222) OPERATING BUDGET AND CAPITAL IMPROVEMENT BUDGET APPROPRIATING \$480,070 FROM THE GRANTS FUND (FUND 222) TO THE OAKLAND-ALAMEDA ESTUARY BRIDGE PROJECT IN CAPITAL IMPROVEMENT PROJECT C65900

WHEREAS, the City of Alameda is eligible to receive Federal and/or State funding for certain transportation planning related plans, through the California Department of Transportation; and

WHEREAS, the City's 2023 Strategic Plan includes project #TIE2 to "Plan and identify funding for the design of a Bicycle Pedestrian Bridge on the west end," and the Alameda Active Transportation Plan's 2030 Infrastructure Plan includes Project #8: Oakland-Alameda Bicycle-Pedestrian Bridge, and the Bridge project is recognized in over 15 local, countywide, regional and state bicycle, pedestrian and active transportation plans; and

WHEREAS, the Oakland-Alameda Estuary Bridge Project Initiation Document (PID) was completed in June 2024 and a Waterway Study was identified as the next phase for the project; and

WHEREAS, a Waterway Study has not been conducted in the past and the data from it could be used to inform many transportation-related efforts; and

WHEREAS, the City of Alameda submitted a grant application to Caltrans for funds from the Sustainable Transportation Planning grant program, and this grant was successful; and

WHEREAS, the Oakland-Alameda Waterway Study will collect comprehensive data on vessel usage of the estuary and develop a navigational model in close collaboration with the U.S. Coast Guard, which will then be used to guide future decisions on the width and height parameters for a potential new bicycled/pedestrian bridge; and

WHEREAS, a Restricted Grant Agreement is needed to be executed with the California Department of Transportation before such funds can be claimed through the Transportation Planning Grant Programs; and

WHEREAS, the City of Alameda wishes to delegate authorization to execute these agreements and any amendments thereto; and

WHEREAS, on June 18, 2024, the City Council did adopt a budget representing the financial plan for conducting the affairs of the City of Alameda for the Fiscal Year beginning July 1, 2024 and ending June 30, 2025; and

WHEREAS, the Council has considered the report and recommendations of the City Manager on the budget amendments and has determined that the budget amendments are both fair and appropriate; and

WHEREAS, this budget ensures that the City of Alameda has exercised prudent judgment in its fiduciary responsibility as guardian of the public tax dollars.

NOW, THEREFORE, BE IT RESOLVED, by the Council of the City of Alameda that the City Manager, or their designee, is authorized to execute all necessary documents including the Restricted Grant Agreements and any amendments thereto with the California Department of Transportation; and

BE IT FURTHER RESOLVED that a certified copy of this Resolution and its attachments, and any accompanying supporting materials shall be forwarded to the California Department of Transportation; and

BE IT FURTHER RESOLVED by the Council of the City of Alameda that it amends the Fiscal Year 2024-25 Grant Fund (Fund 222) Budget and Capital Improvement Budget appropriating \$480,070 from the Grant Fund (Fund 222) to CIP C65900.

I, the undersigned, hereby certify that the foregoing Resolution was duly and regularly adopted and passed by the Council of the City of Alameda in a regular meeting assembled on the 17th day of September 2024, by the following vote to wit:

AYES: Councilmembers Daysog, Herrera Spencer, Jensen, Vella and Mayor Ezzy Ashcraft – 5.

NOES: None.

ABSENT: None.

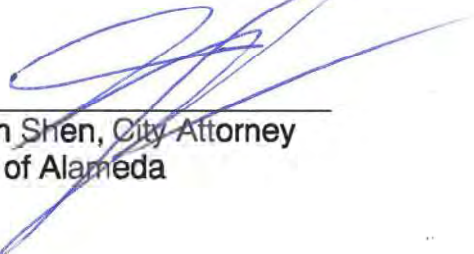
ABSTENTIONS: None.

IN WITNESS, WHEREOF, I have hereunto set my hand and affixed the seal of said City this 18th day of September 2024.



Lara Weisiger, City Clerk
City of Alameda

APPROVED AS TO FORM



Yibin Shen, City Attorney
City of Alameda

SCOPE OF WORK

Project Information	
Grant Category	Sustainable Communities Competitive Technical
Grant Fiscal Year	FY2024-25
Project Title	Oakland-Alameda Estuary Waterway Study
Organization (Legal name)	City of Alameda

Disclaimer

Agency commits to the Scope of Work below. Any changes will need to be approved by Caltrans prior to initiating any Scope of Work change or amendment.

Introduction

The Oakland-Alameda Estuary Waterway Study is a critical technical study of how vessels use the Oakland-Alameda Estuary (Estuary), a navigable waterway that separates the cities of Alameda and Oakland, in support of advancing a new proposed bicycle and pedestrian moveable bridge connecting the two cities.

This technical study is an essential key next step in moving forward this much-needed Oakland-Alameda Estuary Bridge Project (Bridge), which will create a sustainable, equitable and comfortable transportation option between the two cities. The Bridge project was initially identified as a priority need in 2009. While there are four bridges that traverse the Estuary in the eastern end of Alameda, connecting the island of Alameda and Oakland, in the western end there are only the underground, nearly 1-mile long Posey and Webster Tubes (State Route 260). The Posey Tube has the only existing facility for people walking and biking, a sub-standard 36-inch-wide, two-way shared-use walkway, next to two lanes of auto traffic. Though the in-progress Oakland Alameda Access Project will open a second walk/bike pathway in the Webster Tube, it will be only 4 feet wide and have the same deficiencies as the existing Posey Tube walkway. The extremely narrow, uncomfortable, loud and dirty conditions of the Posey Tube facility result in only approximately 200 bike/walk trips per day, even though it connects equity priority communities, commercial centers, colleges, transit hubs and priority development areas. Estimates for a new, dedicated bicycle/pedestrian bridge in this area show demand for up to 9,500 bicycle and pedestrian trips per weekday and 8,500 trips per weekend day.

This connection between Alameda and Oakland is recognized as being critical in over 15 local, countywide, regional and state bicycle, pedestrian and active transportation plans. Significantly, it is identified as one of top three corridors needed for a future bike highway by Caltrans District 4 (<https://d4bikehighwaystudy.org/>), and is the top remaining San Francisco Bay Trail (Bay Trail) gap, out of 143 identified gaps, in the entire Bay Area in the Metropolitan Transportation Commission's Bay Trail Gap Closure Implementation Plan (<https://mtc.ca.gov/operations/regional-trails-parks/san-francisco-bay-trail/bay-trail-gap-closure-implementation-plan>).

The proposed Oakland-Alameda Estuary Bridge will:

- improve access to employment, businesses, regional transit, housing, colleges and recreational trails and parks in both Alameda and Oakland;
- reduce motor vehicle trips between Alameda and Oakland, and through disadvantaged communities, resulting in reduced air pollution, fewer pedestrian collisions and reduced climate-warming emissions;
- provide a free, 24-hour, ADA-accessible, sustainable transportation option for adjacent neighborhoods and equity priority communities; and
- connect to both existing and planned local bikeways and regional multi-use trails, including the Bay Trail.

Equity Priority Communities (EPC), SB 535 Disadvantaged Communities and Environmental Justice (EJ) communities are located along both sides of the Estuary in the project area. These communities include low-income, minority and zero-vehicle households. The existing crossing modes not only place a financial burden on equity communities, but also contribute to reduced community health outcomes.

Currently, the only no-cost estuary crossing between western Alameda and downtown Oakland is walking or biking through the Posey Tube. People can use transit (either Alameda-Contra Costa Transit District [AC Transit] bus lines or the less direct and frequent San Francisco Bay Ferry service) instead, however both transit options require users to pay a fee and are not offered 24 hours per day. Both services have reduced frequency and hours on weekends, and front rack space on AC Transit buses is limited to carrying three bicycles. Without transit, equity communities, which generally have lower car ownership rates, are left to either walk or bike through the Tube, or, if they have one, to use a motor vehicle for cross-estuary trips.

Asthma rates in western Alameda and downtown Oakland areas score high, in the upper 70th percentile statewide, and cardiovascular disease rates score in the upper 50th percentile statewide. Air pollution from motor vehicle emissions can trigger asthma and heart attacks. A change to sustainable modes could reduce air pollutant emissions, thereby improving community health. Sedentary and inactive lifestyles can also contribute to cardiovascular disease, and, with an easy and comfortable sustainable transportation option, a shift to biking and walking would promote physical activity and its associated health benefits.

Public and stakeholder engagement for the Bridge project has been conducted since October 2022 and continues into the present. These include virtual meetings with a broad range of public agencies, community-based organizations, equity groups, boaters, nearby residents and businesses to discuss a potential bridge crossing across the estuary. Presentations have been made at community events and to smaller groups of interested parties. A community survey on the project website (www.estuarybridge.org) has received over 800 responses to date, demonstrating strong support for a new crossing from the community. However, the community and stakeholders agree that the results from a Waterway Study are needed in order to advance the project and provide any further input.

The critical next step in moving the Bridge project forward is a detailed understanding of how this navigable waterway is used by vessels today, and the usage implications of any constraints on its current width. The project area is bracketed by Coast Guard Island to the east, which is home to the United States Coast Guard (USCG), and the Port of Oakland to the west, a major shipping port. The Estuary also contains many boat marinas and several commercial boating businesses, and is used intensively by recreational boaters. As well, the USCG must approve any changes to navigable waterways, including the addition of a new moveable bridge. The Waterway Study will provide the initial detailed data and analysis needed for their consideration of different bridge options.

The Waterway Study includes two components: a Vessel Study and a Navigation Simulation Desktop Study. By assessing the type, number, schedules, frequency, and timing of vessels that traverse this section of the Estuary, the study will inform the height, width, span, and other navigational clearance parameters for a proposed bridge, the specific location of which has not yet been determined. Major deliverables of the Waterway Study include desktop simulations for multiple potential bridge locations and a variety of bridge pier placement options, and bridge height and width parameters.

Specifically, the technical work of the Waterway Study will include:

- Installing, testing and maintaining a monitoring system with detectors at up to six fixed elevations, for six months;
- Measurement of the offset from the shorelines to the boats to identify the transverse position of the vessels, plus boat type;
- Evaluation of the number, type and operational characteristics of the vessels using the Estuary;
- Monthly reporting of waterway activity in formats appropriate for project team and USCG usage;
- Development and running of desktop simulations for multiple potential bridge locations and bridge pier placement variations; and
- The development of bridge design parameters.

Project Stakeholders

As a technical study, a consultant and specialized sub-consultants, will be used to collect and analyze the vessel data and develop the simulations. The City of Alameda staff will guide the project, in close coordination with the City of Oakland, a key partner on the Bridge project. The main stakeholder for the Waterway Study will be the Coast Guard (CG), and the team will work closely with them, soliciting their guidance and input, to ensure that the Waterway Study meets their needs. As well, the team will gather input and data from the boating communities, both commercial and recreational.

During the study, the team will engage the established Bridge Technical Advisory Committee (TAC) and Stakeholder/Equity Advisory Committee (S/EAC), for one set of meetings, for their ideas and input on interpreting the vessel data and using it to develop the bridge design parameters. The TAC, which has met 4 times since 2022, includes representatives from:

- cities of Alameda and Oakland,
- Caltrans District 4,
- Coast Guard,
- AC Transit,
- Alameda County,
- Alameda County Transportation Commission,
- Alameda Municipal Power,
- Bay Area Rapid Transit (BART),
- California Public Utilities Commission,
- Capitol Corridor Joint Powers Authority,
- Port of Oakland,
- MTC,
- San Francisco Water Emergency Transportation Authority, and
- Union Pacific Railroad.

S/EAC members include a variety of public, private, and non-profit community organizations representing:

- pedestrian-bicycle advocacy,
- equity communities,
- boating,

- businesses,
- education,
- environmental/transportation advocacy,
- historical preservation,
- marina, and
- homeowners' groups.

Overall Project Objectives

The key objective of the Waterway Study is to advance the Estuary Bridge project, by providing an in-depth understanding of the vessel usage of the estuary and developing width and height parameters for a potential bridge. The Waterway Study will use navigational modeling to provide information on the minimum horizontal clearance parameters for a potential bridge. These parameters are essential for moving the Bridge project forward; no feasible concepts can be developed without the results from the study and the environmental assessment in the Project Approval Environment Document phase, cannot take place.

Summary of Project Tasks

Task 01: Project Administration

The City of Alameda will meet with Caltrans District 4 staff to kick-off the project and prepare notes from the meeting. Every quarter, invoices and quarterly reports will be provided to Caltrans, to meet all grant requirements.

Task Deliverables
1. Notes from Kick-off meeting with Caltrans District 4 2. Quarterly invoices and progress reports

Task 02: Consultant Procurement

City of Alameda will use its adopted contracting procedures, plus grant and other Caltrans guidelines, to select a consultant team to perform the Waterway Study. This includes developing the Request for Proposals/Qualifications, advertising the contract, identifying a selection panel, conducting interviews, selecting the consultant team and awarding the contract, with City Council approval.

Task Deliverables
1. Copy of City Procurement Policy and Procedures 2. Copy of Request for Proposals/Qualifications 3. Copy of executed contract with selected consultant

Task 1: Data Collection and Simulation Model Development

Utilizing the consultant team, the project team with input from key stakeholders, will select at least six locations for temporary data collection systems in the Waterway Study project area. The systems will be installed, tested and maintained, and will gather data on the number, types, frequency, operations and height of vessels in the Estuary. Both commercial and recreational vessels will be counted. Vessels along the estuary will be monitored for about 6 months from approximately May to October to achieve an adequate sample size representative of seasonal

variations as well as the months with the busiest boating traffic. Data reports will be provided monthly. Additional data will be collected via telephone interviews with maritime users of the Estuary.

The project team will also develop a Navigation Simulation model to be used for a desktop study of how vessels can safely navigate the estuary under various marine conditions, and at various widths below the existing channel width, such as would be introduced with a new bridge. Model inputs will include, but not be limited to, water levels, vessel type used, horizontal clearance, and terrain (underwater). The team will meet with the CG to establish the study parameters, and the appropriate vessel to be run through the simulator. The model will also include the hydraulic velocities and vectors needed for modeling this section of the Estuary. The simulation will be used to better inform potential estuary bridge span lengths (horizontal navigation clearance) that best meet the reasonable needs of navigation and fulfill CG parameters.

Task Deliverables
1. Vessel Data: Data reports on attributes of vessels using the Estuary 2. Navigation Simulation model: Summary of model and inputs

Task 2: Data Analysis and Simulation Runs

The project team will collect, analyze and summarize all of the collected vessel data from the approximately six-month period.

The project team will also perform the desktop studies using the Navigation Simulation model, for multiple bridge locations in the project area and with various pier placement variations. Consultant Team and CG will be present as active participants during the simulations, available to advise on any needed model adjustments. Data will be collected on each trial run, and a report will be produced which includes a discussion of the reasonable needs of navigation for each bridge span length tested.

Task Deliverables
1. Vessel Data: a report on all data collected 2. Navigation Simulation model: Report on the desktop studies and discussion of the reasonable needs of navigation for each span length tested

Task 3: Key Stakeholder Outreach

Throughout the project, staff and the consultant team will hold regular meetings with the CG, to gain their direction and input on the study, to ensure it meets their needs for evaluating how to maintain safe navigational clearances with different bridge options. Other stakeholders and users of the Estuary will also be consulted and provided with updates via meetings, including the boating community, marina owners, Port of Oakland, and the San Francisco Bar Pilots.

Task Deliverables
1. Summary of all stakeholder meetings, including dates, attendees and action notes.

Task 4: Advisory Committee Meetings

Staff and consultant team will conduct one (1) meeting with the Bridge Technical Advisory Committee (TAC), and one (1) meeting with the Stakeholder/Equity Advisory Committee (S/EAC) to inform them of the Waterway Study and to solicit input on the use and interpretation of the vessel data, and its application for the Bridge project, including the height and width design parameters. This input will be used to develop the Final Report.

Task Deliverables
1. Advisory Committee meeting agendas, attendees lists, action notes, and Powerpoint Presentations

Task 5: Draft and Final Reports

The consultant team will prepare the Waterway Study Report summarizing the results from the Vessel Study and Navigation Simulation modeling, and recommending the width and height parameters for a potential bridge. A Draft Report will initially be reviewed by the CG and Alameda and Oakland city staff. Comments will be addressed and incorporated, including from the TAC and S/EAC, and a Final Report will be prepared. After finalization of the report, the next step can begin, which is to develop feasible bridge concepts and begin the Planning Approval/Environmental Document phase, once funding is secured.

The Final Plan will credit the funders on the cover page. The City will submit the Final Plan to Caltrans in an ADA accessible electronic copy.

Task Deliverables
1. Draft Waterway Study Report 2. Final Waterway Study Report

Task 6: City Commission/Council Presentations

The Final Report will be presented to the City of Alameda's Transportation Commission and the Alameda City Council for their acceptance/acknowledgment. As desired, it may be presented to City of Oakland Committees/Council. These presentations will further public awareness of the Estuary Bridge project, and allow for continued public engagement in the development of this major infrastructure project.

Task Deliverables
1. Powerpoint presentation to be used for all meetings 2. List of all Commissions and Council meetings with summary of input/meeting minutes

Amended Schedule, as of May 2025

California Department of Transportation
Sustainable Transportation Planning Grant Program
COST AND SCHEDULE

Grant Category		Sustainable Communities Competitive Technical																																									
Grant Fiscal Year		FY 2024-25																																									
Project Title		Oakland-Alameda Estuary Waterway Study																																									
Organization (Legal name)		City of Alameda																																									
Disclaimers		Agency commits to the Cost and Schedule below. Any changes will need to be approved by Caltrans prior to initiating any Cost and Schedule change or amendment. Use only whole dollars in the financial information fields. No rounding up or down and no cents. Use the Local Match Calculator to ensure that grant and local match amounts are correct: Local Match Calculator (posted on-line)																																									
Reimbursements/ Invoicing		Does your agency plan to request reimbursement for indirect costs? ☐ Yes ☒ No If yes, what is the estimated indirect cost rate? _____ Does your agency plan to use the Tapered Match approach for invoicing purposes? ☒ Yes ☐ No																																									
Task #	Task Title	Grant Amount*	Estimated Local Cash Match*	Estimated Local In-Kind Match*	Estimated Total Project Cost*	FY 2024/25					FY 2025/26					FY 2026/27																											
						J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J		
01	Project Administration (no more than 5% of total grant funds)	\$0	\$1,530	\$0	\$1,530																																						
02	Consultant Procurement	\$0	\$2,943	\$0	\$2,943																																						
1	Data Collection and Simulation Model Development	\$113,120	\$15,000	\$0	\$128,120																																						
2	Data Analysis and Simulation Runs	\$245,443	\$28,500	\$0	\$273,943																																						
3	Key Stakeholder Outreach	\$35,266	\$3,500	\$0	\$38,766																																						
4	Advisory Committee Meetings	\$28,122	\$3,644	\$0	\$31,766																																						
5	Draft and Final Reports	\$48,641	\$6,301	\$0	\$54,942																																						
6	City Commission/Council Presentations	\$9,478	\$1,228	\$0	\$10,706																																						
Totals		\$480,070	\$62,646	\$0	\$542,716																																						



California Department of Transportation
Division of Transportation Planning

Sustainable Transportation Planning Grant Program

Fiscal Year 2024-25

GRANT APPLICATION GUIDE

Sustainable Communities, Climate Adaptation,
and Strategic Partnerships

Grant Application Deadline

January 18, 2024

Submit Applications via [Smartsheet Form](#)



ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Updated September 2023

TABLE OF CONTENTS

TABLE OF CONTENTS	i-ii
1. GRANT PROGRAM OVERVIEW	1
1.1 Sustainable Transportation Planning Grant Summary Chart.....	2
1.2 Grant Program Objectives and Considerations	5
2. SUSTAINABLE COMMUNITIES COMPETITIVE AND TECHNICAL	9
2.1 Purpose and Specific Objectives	9
2.2 Example Project Types	10
2.3 Eligible and Ineligible Activities and Expenses	13
2.4 Tips for Successful Sustainable Communities Grant Applications	14
3. SUSTAINABLE COMMUNITIES FORMULA.....	19
3.1 Purpose and Specific Objectives	19
3.2 Guidance and Approval Process.....	20
3.3 Example Project Types	20
3.4 Eligible and Ineligible Activities and Expenses	21
3.5 Formula Grant Allocation Estimates	21
4. CLIMATE ADAPTATION PLANNING	22
4.1 Purpose and Specific Objectives	22
4.2 Example Project Types	24
4.3 Eligible and Ineligible Activities and Expenses	25
4.4 Tips for a Successful Climate Adaptation Planning Grant Application	26
5. STRATEGIC PARTNERSHIPS.....	29
5.1 Purpose and Specific Objectives	29
5.2 Federal Planning Factors	29
5.3 Example Project Types	30
5.4 Eligible and Ineligible Activities and Expenses	31
5.5 Tips for Successful Strategic Partnerships Grant Applications	32
6. GRANT PROJECT ADMINISTRATIVE REQUIREMENTS.....	34
6.1 Coordination with Caltrans	34
6.2 Third Party Contracts	34
6.3 Quarterly Reporting	35
6.4 Integrated Climate Adaptation and Resiliency Program (ICARP) Case Studies	35
6.5 Invoicing and Financial Requirements.....	36
6.6 Non-Discrimination Requirements	40
6.7 Final Product	41
6.8 Project Close-Out Survey	41

6.9	California Public Records Act	42
-----	-------------------------------------	----

7.	APPLICATION SUBMITTAL PROCESS	43
7.1	Applicant Eligibility	43
7.2	Early Coordination and Technical Assistance for Primary Applicants	43
7.3	Application Submittal Instructions	44
7.4	Application Supplemental Documentation	45
8.	APPLICATION REVIEW PROCESS	46
8.1	Two-Tiered Application Review Process	46
8.2	Application Evaluation/Scoring Process.....	46
8.3	Past Performance Award Considerations	46
9.	APPLICATION AWARD PROCESS	48
9.1	Award and Non-Award	48
9.2	Contracting with Caltrans	48
	APPENDIX A. Guidance, Tools, and Resources for Preparing a Grant Application	52
	Grant Program Considerations	52
	Resources to Advance Grant Specific Objectives.....	55
	APPENDIX B. Sample Application Package	78
	APPENDIX C. Caltrans/Regional Agency Boundaries Map	107
	APPENDIX D. Caltrans District Contact List	108

1. GRANT PROGRAM OVERVIEW

The Sustainable Transportation Planning Grant Program was created to support the California Department of Transportation's (Caltrans) Mission: Provide a safe and reliable transportation network that serves all people and respects the environment.

The California Legislature passed, and Governor Edmund G. Brown Jr. signed into law, Senate Bill 1 (SB 1, Beall, Chapter 5, Statutes of 2017) – The Road Repair and Accountability Act of 2017, a transportation funding bill that provides a reliable fund source to maintain and integrate the State's multi-modal transportation system. In addition to the \$9.5 million in traditional State and federal grants, approximately \$25 million in SB 1 funds for Sustainable Communities Grants is available for each grant cycle.

The State-funded Sustainable Communities grants (\$29.5 million) are intended to support and implement Regional Transportation Plan (RTP) Sustainable Communities Strategies/Alternative Planning Strategies (SCS/APS) (where applicable) and to ultimately achieve the State's greenhouse gas (GHG) reduction target of 40 and 80 percent below 1990 levels by 2030 and 2050, respectively.

The State-funded Climate Adaptation Planning grants (\$31.9 million) enacted with Senate Bill 198 (Committee on Budget and Fiscal Review, Chapter 71, Statutes of 2022), will support local and regional identification of transportation-related climate vulnerabilities through the development of climate adaptation plans, as well as project-level adaptation planning to identify adaptation projects and strategies for transportation infrastructure.

The federal-funded Strategic Partnerships and Strategic Partnership Transit grants (\$4.5 million) support Federal Planning Factors and address State highway/transit issues of regional, interregional, and/or statewide significance, in partnership with Caltrans.

Eligible planning projects must have a transportation nexus per Article XIX Sections 2 and 3 of the California Constitution. Therefore, successful planning projects are expected to directly benefit the multi-modal transportation system. These grants will also improve public health, social equity, environmental justice, the environment, and provide other important community benefits. The period of grant fund availability spans over three FYs and approximately 32 months for grant project activities after the grant agreement is executed and Caltrans issues a Notice to Proceed. Refer to Chapter 9.2 for details regarding the anticipated grant project start and expiration dates.

1.1 Sustainable Transportation Planning Grant Summary Chart

Grant	Fund Source	Purpose	Who May Apply	Local Match
Sustainable Communities Competitive	Budget RMRA and SHA State funds Approx. \$17 million Approx. \$3 million set-aside for technical projects Approx. \$500,000 set-aside for Native American Tribal Governments Goal: 50% of grants should benefit Underserved Communities*** Grant Minimum \$50,000 for Underserved Communities, including Native American Tribal Governments and rural communities; \$100,000 for all others Grant Maximum \$700,000	Funds local and regional multimodal transportation and land use planning projects that further the region's RTP SCS/APS (where applicable), contribute to the State's GHG reduction targets, address the needs of underserved communities, and assist in achieving the Caltrans Mission and Grant Program Objectives (See Chapter 1.2).	The following are eligible to apply as a primary applicant: • MPOs with sub-applicants • RTPAs • Transit Agencies; • Cities and Counties with compliant Housing Elements and completed Annual Progress Reports; • Native American Tribal Governments • Other Public Transportation Planning Entities The following are eligible to apply as a sub-applicant: • MPOs/RTPAs • Transit Agencies • Universities and Community Colleges • Native American Tribal Governments • Cities and Counties with compliant Housing Elements and completed Annual Progress Reports • Community-Based Organizations • Non-Profit Organizations (501.C.3) • Other Public Entities**	11.47% minimum* (in cash or an in-kind contribution).
	Budget RMRA State funds \$12.5 million			
Sustainable Communities Formula				

* For local match requirements, refer to Chapter 6.5 of this Guide.

** Public entities include state agencies, the Regents of the University of California, district, public authority, public agency, and any other political subdivision or public corporation in the State (Government Code Section 811.2).

*** For purposes of this grant program, underserved communities are the most vulnerable places that are facing disproportionate rates of economic, environmental, and health burdens, and are defined according to the tools in Appendix A.

Grant	Fund Source	Purpose	Who May Apply	Local Match
Climate Adaptation Planning	Budget State funds Cycle 2: \$31.9 million total Up to \$3.9 million set-aside for Native American Tribal Governments Goal: 50% of grants should benefit Underserved Communities*** Grant minimum \$100,000 Grant maximum \$1.5 million (single organization); above \$1.5-\$3 million to be considered for partnership applications	Funds local and regional identification of transportation-related climate vulnerabilities through the development of climate adaptation plans, as well as project-level climate adaptation planning to identify adaptation projects and strategies for transportation infrastructure.	The following are eligible to apply as a primary applicant: • MPOs • RTPAs • Transit Agencies; • Cities and Counties • Native American Tribal Governments • A joint exercise of powers authority established pursuant to Chapter 5 of Division 7 of Title 1, with the consent of a transportation planning agency or a county transportation commission for the jurisdiction in which the transportation project will be developed. • A local transportation authority created or designated pursuant to Division 12.5 or Division 19 of the Public Utilities Code. The following are eligible to apply as a sub-applicant: • MPOs/RTPAs • Transit Agencies • Universities and Community Colleges • Native American Tribal Governments • Cities and Counties • Community-Based Organizations • Non-Profit Organizations (501.C.3) • Other Public Entities**	11.47% minimum* (in cash or an in-kind contribution); not required for Native American Tribal Governments

* For local match requirements, refer to Chapter 6.5 of this Guide.

** Public entities include state agencies, the Regents of the University of California, district, public authority, public agency, and any other political subdivision or public corporation in the State (Government Code Section 811.2).

*** For purposes of this grant program, underserved communities are the most vulnerable places that are facing disproportionate rates of economic, environmental, and health burdens, and are defined according to the tools in Appendix A.

Grant	Fund Source	Purpose	Who May Apply	Local Match
Strategic Partnerships	Budget FHWA SPR, Part I Federal funds \$1.5 million Grant Minimum \$100,000 Grant Maximum \$500,000	Funds transportation planning studies in partnership with Caltrans that address the regional, interregional, and statewide needs of the State highway system, and also assist in achieving the Caltrans Mission and Grant Program Objectives (See Chapter 1.2).	The following are eligible to apply as a primary applicant: • MPOs • RTPAs The following are eligible to apply as a sub-applicant: • MPOs/RTPAs • Transit Agencies • Universities and Community Colleges • Native American Tribal Governments • Cities and Counties • Community-Based Organizations • Non-Profit Organizations (501.C.3) • Other Public Entities**	20% minimum* (in non-federal funds or an in-kind contribution).
	Budget FTA Section 5304 Federal funds \$3 million Grant Minimum \$75,000 for rural RTPAs; \$100,000 for MPOs Grant Maximum \$500,000			
Strategic Partnerships – Transit				

* For local match requirements, refer to Chapter 6.5 of this Guide.

** Public entities include state agencies, the Regents of the University of California, district, public authority, public agency, and any other political subdivision or public corporation in the State (Government Code Section 811.2).

1.2 Grant Program Objectives and Considerations

Successful grant applications address and articulate how the project relates to the Caltrans Mission, Grant Program Objectives, and Grant Program Considerations. The Grant Specific Objectives identified in Chapters 2.1, 3.1, 4.1 and 5.1 indicate the specific purpose of the Sustainable Communities, Climate Adaptation, and Strategic Partnership transportation planning grants, respectively, and must also be considered when preparing an application.

Grant Program Objectives

The following Grant Program Objectives are focused on achieving the Caltrans Mission and are intended to inform application development, including:

Objective	Description
Sustainability	Promote reliable and efficient mobility for people, goods, and services, while meeting the State's GHG emission reduction goals, preserving the State's natural and working lands, and preserving the unique character and livability of California's communities.
Preservation	Preserve the transportation system through protecting and/or enhancing the environment, promoting energy conservation, improving the quality of life, and/or promoting consistency between transportation improvements and State and local planning growth and economic development patterns.
Accessibility	Increase the accessibility of the system and mobility of people, inclusive of older adults, those with disabilities, and freight.
Safety	Prioritize the elimination of fatal and serious injury crashes and enhance safe use of our roadways through the Safe System approach to realize a vision of zero road fatalities and serious injuries by 2050.
Innovation	Promote the use of technology and innovative designs to improve the performance and social equity of our transportation system and provide sustainable transportation options.
Economy	Support the economic vitality of the area (i.e., enables global competitiveness, enables increased productivity, improves efficiency, increases economic equity by enabling robust economic opportunities for individuals with barriers to employment and for Disadvantaged Business Enterprise (DBE), etc.).
Health	Decrease exposure to local pollution sources, reduce serious injuries and fatalities on the transportation system, and promote physical activity across the lifespan, inclusive of those with disabilities, especially through transportation means.
Social Equity	Promote transportation solutions that focus on and prioritize the needs of underserved communities most affected by poverty, air pollution and climate change, and promote solutions that integrate community values with transportation safety and performance while encouraging meaningful public involvement in the transportation decision making process.

Grant Program Considerations

The Grant Program supports related State and federal mandated initiatives. The Plans and Programs listed below should be considered in grant application development. Definitions and links to these resources can be found in Appendix A.

Caltrans Strategic Plan

The Strategic Plan is a declaration of the Caltrans vision and mission, core values, strategic imperatives, and six goals to deliver a world-class transportation system for one of the nation's most populous, innovative, and diverse states:

- Safety first
- Cultivate excellence
- Enhance and connect the multimodal transportation network
- Strengthen stewardship and drive efficiency
- Lead climate action
- Advance equity and livability in all communities



This plan guides and informs the development of the Sustainable Transportation Planning Grant Program. Competitive applications will articulate how they will assist in achieving the Caltrans vision and mission, the six strategic goals above.

California Transportation Plan 2050

The California Transportation Plan (CTP) 2050 is a long-range transportation plan, updated every five years pursuant to state and Federal law, and is statutorily required to be fiscally unconstrained:

- Defines a vision for the future transportation system, establishes new statewide priorities, and guides Caltrans and partner agencies in implementing its recommendations
- Identifies strategies and policies that are required to make transparent and transformational transportation decisions
- Recognizes the unique transportation needs and interests of urban, suburban, rural, and Tribal communities
- Guides transportation decision makers at all levels of government, while emphasizing the importance of shared responsibility in meeting our transportation needs



The CTP does not contain projects, but policies and strategies required to close the gap between what the regional transportation plans (RTP) aim to achieve and how much more is required to meet 2050 goals. Competitive applications will discuss how proposed projects will assist in achieving the CTP 2050 vision, goals, recommendations, and the modal plans that support it.

Modal Plans that Support the California Transportation Plan

The CTP is the umbrella plan that informs and pulls together the State's long-range modal plans listed below, to envision the future system:

- Interregional Transportation Strategic Plan
- California Freight Mobility Plan
- California State Rail Plan
- California State Bicycle and Pedestrian Plan
- Statewide Transit Strategic Plan
- California Aviation System Plan

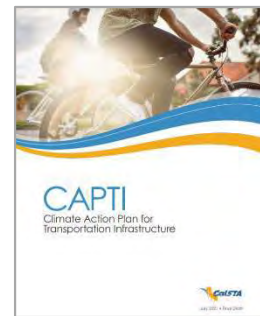
Title VI and Environmental Justice

Title VI of the U.S. Civil Rights Act prohibits discrimination on the basis of race, color, or national origin in programs or activities receiving federal financial assistance. A similar prohibition applies to recipients of state funds under California Government Code section 11135, which prohibits discrimination on the basis of race, color or national origin, as well as ethnic group identification, religion, age, sex, sexual orientation, genetic information, or disability.

Caltrans integrates Title VI as well as environmental justice in all activities. In the past, low-income and minority communities disproportionately bore many of the negative impacts of transportation projects, which they continue to feel the consequences from today. It is the goal of environmental justice to ensure that when transportation decisions are made, low-income and minority communities have a full opportunity to participate in the decision-making process, and they receive an equitable distribution of benefits and not a disproportionate share of burdens, which contribute to poor health outcomes.

Climate Action Plan for Transportation Infrastructure

The Climate Action Plan for Transportation Infrastructure (CAPTI) details how the state recommends shifting and investing billions of discretionary transportation dollars annually to aggressively combat and adapt to climate change while supporting public health, safety and equity. CAPTI builds on executive orders signed by Governor Gavin Newsom in 2019 and 2020 targeted at reducing greenhouse gas (GHG) emissions in transportation, which account for more than 40 percent of all emissions, to reach the state's ambitious climate goals. Competitive grant applications will discuss how proposed projects will assist in implementing the CAPTI Investment Framework, Guiding Principles, and align with the Implementation Strategies and Key Actions.

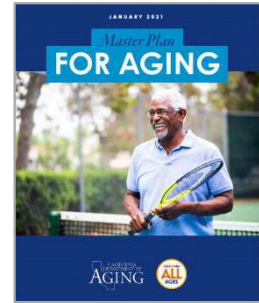


California Climate Adaptation Strategy

The California Climate Adaptation Strategy, mandated by Assembly Bill 1482 (Gordon, 2015), links the state's existing and planned climate adaptation efforts, showing how they fit together to achieve California's six climate resilience priorities. The Strategy is organized around outcome-based priorities, enabling a coordinated, integrated approach to building climate resilience. The Strategy shows how the state's efforts fit together to deliver on six priorities for climate resilience action in California: Strengthen Protections for Climate Vulnerable Communities; Bolster Public Health and Safety to Protect Against Increasing Climate Risks; Make Decisions Based on the Best Available Climate Science; Build a Climate Resilient Economy; Accelerate Nature-Based Climate Solutions and Strengthen Climate Resilience of Natural Systems; Partner and Collaborate to Leverage Resources. Competitive grant applications will discuss how proposed projects consider climate resilience and align with the California Climate Adaptation Strategy.

Master Plan for Aging

The Master Plan for Aging is a blueprint for aging across the lifespan, not simply a plan for today's older adults. California's over-60 population is projected to diversify and grow faster than any other age group. In response, the Master Plan calls on all California communities to build a California for All Ages: for older Californians currently living through the many different stages of the second half of life; for younger generations who can expect to live longer lives than their elders; for communities of all ages – family, friends, neighbors, coworkers, and caregivers – surrounding older adults. Competitive grant applications will discuss specific connections and help achieve the Master Plan's five goals and twenty-three strategies to build a California for All Ages by 2030.



2. SUSTAINABLE COMMUNITIES COMPETITIVE AND TECHNICAL

Approximately \$12 million in State Road Maintenance and Rehabilitation Account (RMRA) funds and \$5 million in State Highway Account (SHA) funds, or a combined total of \$17 million will be distributed through a competitive program to Metropolitan Planning Organizations (MPOs) with a sub-applicant(s), Regional Transportation Planning Agencies (RTPAs), cities and counties, transit agencies, and Native American Tribal Governments. **MPOs must have a sub-applicant in order to be eligible and apply to the Sustainable Communities Competitive and Technical grants.**

Approximately \$3 million will be set-aside for a technical project sub-category. In accordance with the recent release of the guidance documents for the implementation of Senate Bill 743 (SB 743, Chapter 386, Statutes of 2013), there is a current need for improved tools to measure VMT and induced travel and to develop and implement VMT mitigation programs.

Approximately \$500,000 will be set-aside for Native American Tribal Governments.

Funding distribution for the competitive program will depend on the quality and number of applications.

2.1 Purpose and Specific Objectives

The purpose of the Sustainable Communities grants is to fund local and regional multimodal transportation and land use planning projects that further the region's RTP SCS/APS (where applicable), contribute to the State's GHG reduction targets, and assist in achieving the Caltrans Mission and Grant Program Objectives, which must be considered when preparing the grant application.

A minimum threshold of 50 percent of Sustainable Communities Competitive and Technical Grants has been identified for projects that benefit underserved communities, which includes Native American Tribal Governments and rural communities (for transportation planning purposes, rural is defined as all areas of the State that are not included in urbanized areas of 50,000 in population or greater; refer to Appendix C. Caltrans/Regional Agency Boundaries Map, which indicates rural areas). For purposes of the grant program, acceptable underserved communities definitions are described in Appendix A and include:

- Rural communities of 50,000 or less and outside of urbanized areas
- Native American Tribal Governments
- Regionally/locally defined underserved communities
- At or below 80% Assembly Bill 1550 (Gomez, Statutes of 2016)
- At or above 75% California Department of Education, Free or Reduced Priced Meals Data
- At or above 75% CalEnviroScreen Version 4.0
- At or below 25% California Healthy Places Index (HPI)

Sustainable Communities Competitive and Technical applicants must demonstrate how the project fits every aspect of the following Specific Objectives, as appropriate for the applicant and project type:

- Encourage local and regional multimodal transportation and land use planning that furthers the region's RTP SCS/APS (where applicable). For applicants not in an MPO region,

address how the project encourages local and regional multimodal transportation and land use planning that advances sustainability

- Contribute to the State's GHG reduction targets and other State goals, including but not limited to, the goals and best practices cited in the 2017 RTP Guidelines
- Address the needs of underserved communities through robust public engagement
- Assist in achieving the Caltrans Mission and Grant Program Objectives (See Chapter 1.2).

Sustainable Communities Technical project types do not require extensive public engagement due to their technical nature, but they will explain and demonstrate:

- How the public will be involved at later stages of the planning process
- How they will collaborate with and involve appropriate stakeholders with technical expertise to review and validate quantification assumptions and methods
- How stakeholders will be involved in the application and Scope of Work

Technical project applications are scored under the same criteria as all other project types, but they are grouped with other technical projects, and they compete at the same level. Refer to Chapter 2.2 for Example Technical Project Types. Applicants should contact their Caltrans District listed in Appendix D to help decide which grant category is the best fit for their project.

Below is a list of Appendix A. Guidance, Tools, and Resources to assist applicants in preparing a competitive grant application that is consistent with the Grant Program Objectives, Grant Program Considerations, and Specific Objectives.

- Advance Transportation Related GHG Reduction Project Types/Strategies
- Addressing the Needs of Underserved Communities
- Public Health Resources
- Active Community Engagement
- Integrated Housing, Land Use and Transportation Planning
- Promote the Region's RTP SCS/APS (where applicable) and State Planning Priorities, and Climate Adaptation Goals
- Climate-Ready Transportation

2.2 Example Project Types

The examples below are organized in the following grant project types: Active Transportation; Corridor and Freight; Social Equity; Integrated Housing, Land Use, and Transportation; Multimodal; Safety; Technical; and Transit.

Active Transportation

- Active transportation plans, including bicycle, pedestrian, and trail master plans
- Plans for bike parking facilities
- Rural planning studies or plans that provide rural counties the ability to develop active transportation plans with a rural context-sensitive focus and allow for rural regions to contribute to the State's GHG reduction targets
- Studies or plans that include a temporary built environment demonstration, e.g., tactical urbanism

Corridor and Freight

- Comprehensive Multimodal Corridor Plans
- Corridor enhancement studies
- Studies or plans related to zero emissions vehicle goods movement
- Freight/goods movement plans and studies
- Local or regional corridor plans
- Studies and plans that can help to quantify and highlight the value and importance of the rural State transportation system which connects large urban centers to rural open space, State and federal lands, and recreation and agriculture hubs.
- Studies and plans to mitigate for impacts to the rural transportation system due to increased interregional tourism and visitor traffic
- Modeling improvements that address SB 743 implementation and induced travel (see Sustainable Communities – Technical grant-specific objectives in Chapter 2.1)
- Complete Streets plans that consider last-mile freight
- Curbside freight management plans
- Sustainable freight plans
- Agriculture goods movement plans
- Freight/supply chain resiliency studies

Social Equity

- Community Needs Assessments
- Health and transportation studies, including health equity transportation studies and other plans that incorporate health into transportation planning
- Studies to improve access to social services and other community destinations for underserved communities
- Studies, plans or planning methods that address environmental justice issues in a transportation related context
- Congestion pricing studies including plans that enhance social equity and avoid inequitable cost burdens
- Planning to remove or reduce barriers created by transportation infrastructure such as highways, overpasses and underpasses, that create disconnected communities
- Studies or plans to ensure that infill and transit-oriented development benefits existing residents and businesses, low-income and underserved communities, and minimizes displacement
- Outreach to educate underserved communities on mode shifts to electric forms of transportation, as part of a plan or study as appropriate
- Student internships for rural agencies and/or underserved communities

Integrated Housing, Land Use, and Transportation

- Studies, plans or planning methods that assist transportation agencies in creating sustainable communities and transit-oriented development

- SCS/APS development
- Studies that promote greater access between affordable housing and job centers
- Station area planning
- Integration of transportation and environmental planning
- First Mile/Last Mile project development planning
- An update to a general plan land use element or zoning code that increases development opportunities around key transportation corridors or nodes
- Creation of a Transit-Oriented Development overlay zone or other special zoning district around key transportation corridors or nodes
- Studies, plans, and policies that address land use conflicts with major transportation corridors such as major highways, ports, shipping and freight corridors, etc. that are near sensitive land uses such as homes, schools, parks, etc. or potentially impacted by climate change

Multimodal

- Complete Streets plans or multimodal transportation plans
- Long range transportation plans for tribal governments
- Studies, plans or planning methods that advance a community's effort to reduce single occupancy vehicle trips and transportation related GHG through strategies including, but not limited to, advancing mode shift, demand management, travel cost, operational efficiency, accessibility, and coordination with future employment and residential land use
- Context-sensitive streetscapes or town center plans
- Studies that evaluate accessibility and connectivity of the multimodal transportation network
- Shared mobility services planning studies
- Community outreach plans for park-and-ride lots

Safety

- Bike and pedestrian plans with a safety enhancement focus, including Vision Zero plans
- Community to school studies or safe routes to school plans
- Traffic calming and safety enhancement plans

Technical

- Transportation modeling studies or planning activities that address SB 743 implementation and induced travel, active transportation, emerging technology, public health, VMT and other impacts
- Planning for zero or near zero emission vehicles
- Electric vehicle charging infrastructure network planning
- Transit planning for zero emission bus fleets
- Planning for autonomous vehicles
- Road or parking pricing studies
- Transportation Demand Management studies
- Commute trip reduction studies and plans

- Data collection/data sharing initiatives
- Integration of transit, new emerging technologies, and shared mobility services
- Educational outreach as part of a plan or study as appropriate, e.g., for mode shifts to electric forms of transportation

Transit

- Identification of policies, strategies, and programs to preserve transit facilities and optimize transit infrastructure
- Transit planning studies related to accessible transit, paratransit, mobility management, etc.
- Studies, plans, or outreach for school public transit, school pool ridesharing
- Strategies to increase transit ridership
- Studies or plans that evaluate commuter rail or multi-modal connectivity
- Studies or plans that evaluate first and last mile transit connectivity

2.3 Eligible and Ineligible Activities and Expenses

Eligible Activities and Expenses

Eligible activities must have a transportation nexus per the California Constitution, Article XIX Section 2 and 3. Applicants need to consult with Caltrans district staff for more information on whether costs are eligible for funding.

Some examples of eligible costs include:

- Data gathering and analysis
- Report writing and the development of associated graphics
- Planning consultant procurement
- Advertising for consultant procurement
- Advertising for public workshops, e.g., flyers, paid media ads
- Travel expenses (See Chapter 6.5 for details)
- Up to 30 percent design or conceptual drawings
- Equipment (as defined in 2 CFR Part 200.33)¹ purchases must remain under \$5,000 or depreciation will need to be taken in to account when the grant project is completed since equipment could have future uses. 2 CFR Part 200.436² provides the criteria for depreciation.
- Community surveys, meetings, public workshop room rental, charrettes, focus groups
- Virtual outreach activities and on-line meetings

¹ Electronic Code of Federal Regulations, 2 Code of Federal Regulations, Part 200.33, 2020, <https://www.ecfr.gov/on/2017-01-03/title-2/subtitle-A/chapter-II/part-200/subpart-A/subject-group-ECFR2a6a0087862fd2c/section-200.33>

² Govinfo, 2 Code of Federal Regulations, Part 200.436, 20, <https://www.govinfo.gov/app/details/CFR-2022-title2-vol1/CFR-2022-title2-vol1-sec200-436>

- Bilingual services for interpreting and/or translation services for meetings
- Community/stakeholder advisory groups
- Light snacks and refreshments for public workshops (no full meals), subject to Caltrans approval
- Project administration (up to 5 percent of the grant is allowed, i.e., quarterly reports, invoicing, and kick-off meeting with Caltrans)

Ineligible Activities and Expenses

Some activities, tasks, project components, etc. are not eligible under these grant programs. If an application has any of the following elements, it will be disqualified.

Ineligible activities and expenses include:

- Environmental studies, plans, or documents normally required for project development under the National Environmental Policy Act or the California Environmental Quality Act
- Engineering plans and design specification work
- Project Initiation Documents
- Program or project implementation
- Repurposing unspent grant funds (not applicable to Sustainable Communities Formula)
- Application development to pursue construction funds/project implementation
- RTPs or updates to the RTP, excluding SCS/APS development
- Construction projects, capital costs, such as the building of a facility, or maintenance
- Office furniture purchases, or other capital expenditures
- Decorations, e.g., for public workshop events
- Acquisition of vehicles or shuttle programs
- Organizational membership fees
- Incentives for public participation, e.g., full meals, prizes, freebies, promotional/marketing items, stipends
- Charges passed on to sub-recipient for oversight of awarded grant funds
- Other items unrelated to the project

2.4 Tips for Successful Sustainable Communities Grant Applications

Criteria for Successful Sustainable Communities Grant Applications

Some guidance is provided below however, it is not intended to be all inclusive.

- Integrate Grant Program Considerations (See Chapter 1.2)
- Advance transportation related GHG emission reduction project types/strategies (i.e., mode shift, demand management, travel cost, operational efficiency, accessibility, and coordination with future employment and residential land use, etc.)
- Identify and address deficiencies in the multimodal transportation system, including the needs of environmental justice and underserved communities, including Native American Tribal Governments and rural communities

- Encourage stakeholder collaboration
- Involve active community engagement
- Coordinate transportation, housing, and land use planning
- Result in funded and programmed multimodal transportation system improvements

General Tips

- Some sections of the grant application may seem redundant when discussing underserved community engagement, overall public engagement, and stakeholder involvement. Although the general public and underserved communities are stakeholders for any project, for application purposes, the strategy, and methods for engaging these groups will be different, as described below.
 - Overall public engagement will describe the general strategy to engage the public at large.
 - Underserved communities engagement will explain how the project will go above and beyond business as usual or what is statutorily required to address the specific needs of underserved communities and use unique methods to involve these groups in the decision-making process. Refer to Appendix A. Active Community Engagement, which includes case studies for examples of equitable community engagement.
 - Stakeholder engagement will explain how partner agencies, businesses, and/or non-profit community-based organizations will be involved throughout the project.
- Consult with your district representative for technical assistance before the application deadline.
- Use the Samples and Checklists provided for the Application, Scope of Work, and Cost and Schedule.
- Include Caltrans as an active partner in the study.
- Provide tailored letters of support and project area photographs to enhance the application. If applicants/supporters do not have the time/resources to provide tailored letters of support, a petition signed by supporters in a simple table format that lists the supporters **and** specifically how supporters will benefit the proposed project will suffice.

Project Description

Concisely describe the project. Explain “What parties are involved, the proposed major milestones, and why the project is necessary.”

Project Justification

- Clearly define and explain the transportation problem or deficiency that the project will attempt to address and how the project will address the problem. Why is it critical to address the problem now? Make the case for a critical need that the project will address and support it with verifiable data, if available.
- Explain how the project affects underserved communities. The tools in Appendix A are intended to help applicants define an underserved community in the project area. Please cite data sources, the tools used, and include a comparison to the statewide thresholds that are established in each tool.

- If the applicant is a Native American Tribal Government or a rural area (outside of the urbanized areas with 50,000 in population or greater) of the State, describe population characteristics such as demographics, location, and size.

Grant Specific Objectives

Demonstrate how the project fits every aspect of the Grant Specific Objective, as appropriate for the applicant and project type. Some guidance is provided below; however, it is not intended to be all inclusive. Applications should reference Appendix A for Resources to Advance Sustainable Communities Grant Specific Objectives.

Successful applications should include:

Planning for Housing, Housing Element Compliance, and Prohousing Designation

- To avoid a deduction of 5 points, applicants must demonstrate how they integrate housing planning into their policies, programs, and project, or commit to coordinate housing and transportation in future policies and programs throughout the application (e.g., narrative and scope of work). See Chapter 2.2 for a list of example projects that coordinate housing, land use, and transportation.
- To be eligible for a grant award, city and county primary/sub-grant applicants are required to submit:
 1. A housing element adopted by the local government to the Department of Housing and Community Development (HCD), and HCD must find the adopted housing element in substantial compliance with state housing element law pursuant to Government Code Section 65585.
 2. Annual Progress Reports (APRs) to HCD for at least the previous two years, 2021 and 2022.
- City or county primary/sub-applicants will receive a high recommendation from HCD if they have a Prohousing Designation, which can be earned by adopting local policies that facilitate the planning, approval, and construction of housing. The HCD Prohousing Designation Program provides incentives to cities and counties in the form of additional points or other preference in the scoring of competitive housing, community development, and infrastructure programs. For HCD Prohousing Designation Program information and how to develop a competitive application, refer to Appendix A, *Integrated Housing, Land Use, and Transportation Planning*.

Note: Charter cities are not exempt from this specific program requirement and must submit an Annual Progress Report for the calendar years mentioned above.

IMPORTANT TIPS:

- ✓ City and county primary/sub-grant applicants are required to submit:
 1. A housing element adopted by the local government to HCD.
 2. Annual Progress Reports to HCD for at least the previous two years, 2021 and 2022.

Community Engagement

- Refer to Appendix A for Community Engagement Best Practices.
- Evidence of additional public outreach measures that promote access to decision-making and program implementation for all segments of the community, including special needs populations, underserved communities, and a variety of socio-economic groups (e.g., households across the income and employment spectrum, ethnically and racially diverse households).
- The application narrative should outline specific outreach strategies that will be utilized, considering the current COVID-19 environment.
- Tailored letters of support with electronic signatures from community-based organizations or public advocacy groups to demonstrate their support or involvement in identifying the issues that the proposed project is attempting to address.
- If applicants/supporters do not have the time/resources to provide tailored letters of support, a petition electronically signed by supporters in a simple table format that indicates specifically how supporters will benefit the proposed project will suffice.

Integrated Housing, Land Use, and Transportation Planning

- Application narrative and any relevant supporting or illustrative data should describe how the proposed project integrates and connects land use and transportation, including how transportation and land use agencies or jurisdictions are actively collaborating on the project in all project phases.
- Competitive grant applications should demonstrate how the project furthers this coordinated and integrated approach to planning. For example:
 - Demonstrate how the project will support or align with the region's Regional Early Action Planning (REAP)³ grant investments or other regional planning or implementation efforts. REAP 2.0 seeks to accelerate infill housing development, reduce Vehicle Miles Traveled (VMT), increase housing supply at all affordability levels, affirmatively further fair housing, and facilitate the implementation of adopted regional and local plans to achieve these goals. Eligible uses include projects that invest in infrastructure to expand active transportation and fund and implement parking and transportation demand management programs or ordinances.

HELPFUL TIPS:

Tailored letters of support from local agencies that not only provide support for the project, but also confirms that the proposed project:

- ✓ Helps to implement the RTP SCS/APS and/or State priorities
- ✓ Involves a coordinated approach to integrating land use and transportation in all phases of project planning and implementation.

³ REAP Website: [Programs: Active | California Department of Housing and Community Development](#)

- Describe how the project aligns with state housing policies and goals by serving a community within ½ mile of a transit station or stop that has received a positive Prohousing Designation Program score, certified by HCD.
- Explain how the project is located in an area that has earned a Prohousing Designation and positive scores for Prohousing Enhancement policies from HCD. Jurisdictions supporting integrated housing, land use, and transportation planning may have policies that include Prohousing Enhancement Factors, which represent a multi-faceted approach to planning objectives, are consistent with state priorities, go beyond state law, etc. Competitive applications may also identify a jurisdiction's policies that promote housing development and reduce VMT. For information about the HCD Prohousing Designation Program and how applicants can develop a competitive application with Prohousing Enhancement Factors or VMT reducing policies, refer to Appendix A, *Integrated Housing, Land Use, and Transportation Planning*. HCD will highly recommend awards for City and county primary/sub-applicants that earn this designation.

Project Management

- **Scope of Work:** Refer to the Scope of Work Checklist in Appendix B.
- **Cost and Schedule:** Refer to the Cost and Schedule Checklist in Appendix B.

3. SUSTAINABLE COMMUNITIES FORMULA

\$12.5 million will be distributed to the MPOs on a formula basis. The formula funds for the MPOs will reflect the same formula used to distribute Federal Highway Administration (FHWA) Metropolitan Planning PL funds.

The FHWA PL formula has three components:

1. A base allocation
2. A two-part population component which distributes funds by the proportion of the total population of each MPO based on California Department of Finance estimates each January
3. An Air Quality component based on the proportion of federal Congestion Mitigation Air Quality funds to total programmatic FHWA PL funds

3.1 Purpose and Specific Objectives

The purpose of the Sustainable Communities Formula is to fund local and regional multimodal transportation and land use planning projects that further the region's RTP SCS/APS (where applicable), contribute to the State's GHG reduction targets, and assist in achieving the Caltrans Mission and Grant Program Objectives (See Chapter 1.2).



The intent of the Sustainable Communities Formula Grants is to carry out the objectives of the region's RTP SCS/APS (where applicable) and the RTP Guidelines Appendices K and L.

The specific objectives, eligibility requirements, and performance considerations for the Sustainable Communities Formula Grants awarded to MPOs are consistent with the Sustainable Communities Competitive Grants.

The intent of the Sustainable Communities Formula Grants is to carry out the objectives of the region's RTP SCS/APS (where applicable) and the RTP Guidelines Appendices K and L. In addition, MPOs are strongly encouraged to administer Sustainable Communities Formula funding in a transparent manner and maintain non-profit eligibility, consistent with the legislative intent of SB 1 - The Road Repair and Accountability Act of 2017.

3.2 Guidance and Approval Process

Minimum Eligibility Criteria

MPOs should meet the following minimum eligibility criteria to apply for Sustainable Communities Formula grants:

- Of the Consolidated Planning Grant, FHWA PL carryover is at or below 100 percent of the annual FHWA PL allocation
- Have an RTP SCS/APS that meets the SB 375 GHG reduction targets
- Meet civil rights and environmental justice obligations, as summarized in Section 4.2 of the RTP Guidelines

If an MPO does not meet the minimum eligibility criteria listed above by **April 30, 2024**, their allocation will be redistributed to the remaining MPOs that are eligible and apply for the Sustainable Communities Formula Grants.

IMPORTANT NOTE:

- ✓ If an MPO does not meet the minimum eligibility criteria, their allocation will be redistributed to the remaining MPOs that are eligible and apply for the Sustainable Communities Formula Grants.

Annual Draft Overall Work Program (OWP) Development and Approval Process

Sustainable Communities Formula Grants are part of the annual draft Overall Work Program (OWP) development and approval process. The draft OWP process includes meaningful consultation with Caltrans district staff and the Headquarters Office of Regional and Community Planning (ORCP). MPOs are responsible for including a draft Work Element(s) for Sustainable Communities Formula Grant funds in the draft FY 2024-24 OWP and sending a list of activities using the provided template to Caltrans, no later than **March 1, 2024**. Draft OWPs are submitted to the district Regional Planning Liaison who will coordinate with ORCP. The draft Work Element(s) should include an explanation of how the project supports the Sustainable Communities Grant Specific Objectives and provide the same level of detail included in the grant application Scope of Work and Cost and Schedule for the Sustainable Communities Competitive Grants. The Work Element name and number must remain unchanged until the project(s) is completed. If Work Elements do not provide enough detail, MPOs will need to submit the competitive grant application Scope of Work and Cost and Schedule. More information and detailed requirements are outlined in the *SB 1 Guidance for OWPs and Requests for Reimbursements*, available upon request.

3.3 Example Project Types

MPOs have flexibility for how the Formula Grant allocation is administered. For example, MPOs may use these funds for a regional competitive grant program, integrated land use and transportation planning activities related to developing their SCS/APS, carrying out the best practices cited in the RTP Guidelines, or a combination thereof. If an MPO uses Formula Grant funds to administer a regional grant program, the MPO must submit their grant program criteria and list of eligible applicants and sub-applicants to the Caltrans district and ORCP. This step is to ensure the MPO's grant program aligns with the Caltrans Sustainable Communities Competitive Grants, including city and county housing element compliance. MPOs will also submit a list of awarded grants to the Caltrans district and ORCP. MPOs should coordinate the submittal of this information with the Caltrans district and ORCP to avoid delays for releasing the call-for-projects and grant awards. For additional example project types, refer to Chapter 2.2.

3.4 Eligible and Ineligible Activities and Expenses

Refer to Chapter 2.3 for eligible and ineligible activities and expenses.

3.5 Formula Grant Allocation Estimates

The following funding table estimates how formula funds may be distributed to each MPO, contingent upon meeting the minimum eligibility criteria:

Sustainable Communities Formula Grants	
Metropolitan Planning Organization	Total Formula Grant Allocation
Tahoe Metropolitan Planning Organization	\$160,750
Madera County Transportation Commission	\$164,209
Kings County Association of Governments	\$162,943
Shasta Regional Transportation Agency	\$163,172
Butte County Association of Governments	\$180,569
Merced County Association of Governments	\$197,424
San Luis Obispo Council of Governments	\$195,962
Tulare County Association of Governments	\$246,944
Santa Barbara County Association of Governments	\$224,579
Stanislaus Council of Governments	\$291,053
San Joaquin Council of Governments	\$341,671
Kern Council of Governments	\$374,899
Association of Monterey Bay Area Governments	\$315,267
Fresno Council of Governments	\$407,484
Sacramento Area Council of Governments	\$774,991
San Diego Association of Governments	\$1,021,553
Metropolitan Transportation Commission	\$2,106,140
Southern California Association of Governments	\$5,170,390
Total	\$12,500,000

4. CLIMATE ADAPTATION PLANNING

Climate change adaptation aims to anticipate and prepare for climate change impacts to reduce the damage from climate change and extreme weather events. Adaptation is distinct from, but complements, climate change mitigation, which aims to reduce GHG emissions. This funding is intended to advance adaptation planning on California's transportation infrastructure, including but not limited to roads, railways, bikeways, trails, bridges, ports, and airports.

The State-funded Climate Adaptation Planning grants (\$31.9 million) will support tribal, local, and regional identification of transportation-related climate vulnerabilities through the development of climate adaptation plans, as well as project-level adaptation planning to identify adaptation projects and strategies for transportation infrastructure. Applicants at all stages of adaptation planning efforts including those who have not yet started adaptation work are encouraged to apply.

Climate adaptation planning projects are defined by:

- Identification of transportation system vulnerabilities and climate-related risks to existing transportation infrastructure, including resilience improvement plans.
- Identification of adaptation planning projects that address climate risk impacts to existing transportation infrastructure including sea level rise, storm surge, changes in temperature and precipitation.
- Planning for specific climate projects that can be programmed in existing local or regional transportation plans.

4.1 Purpose and Specific Objectives

California's climate leadership has made the ambitious commitment to reduce greenhouse gas emissions and facilitate a transition to a carbon neutral economy. However, as made clear by the impacts already affecting California and the recent IPCC report, impacts of climate change are occurring sooner than expected and they disproportionately affect the most vulnerable among us (See Appendix A. for IPCC report). Many impacts, such as increased wildfires, droughts, landslides, rising sea levels, floods, severe storms, heat waves, and impacts to wildlife, are already occurring already and are expected to become more frequent and severe.

Climate change is increasingly impacting the State's transportation system. Adaptation efforts will enhance the resiliency of the transportation system to better withstand climate impacts. The overarching goal of this grant program is to support planning actions at local and regional levels that advance climate change adaptation efforts on the transportation system, especially efforts that serve the communities most vulnerable to climate change impacts. Taking steps now to adapt to climate change will protect public health and safety, infrastructure, and the California economy into the future.

Caltrans awarded three cycles of local adaptation planning grants allocated through the passage of SB 1. This program operated from FY 2017-18 through FY 2019-20 and was able to fund innovative tribal, local, and regional adaptation planning grants across California. Examples of the completed projects supported by the SB 1 Climate Adaptation Planning Grant Program can be found on the California Adaptation Clearinghouse's case study⁴ page. The current funding in this program aims to build upon the successful SB 1 program to further advance transportation adaptation planning.

⁴ Adaptation Clearinghouse's case study website: <https://resilientca.org/challenges/>

Equity, including regional representation, will be considered when awarding projects. A minimum threshold of 50 percent of the funds has been identified for projects that benefit underserved communities, which includes Tribal, local, regional, and rural communities (for transportation planning purposes, rural is defined as all areas of the State that are not included in urbanized areas of 50,000 in population or greater; refer to Appendix C. Caltrans/Regional Agency Boundaries Map, which indicates rural areas). For purposes of the grant program, acceptable underserved communities definitions are described in Appendix A and include:

- Rural communities of 50,000 or less and outside of urbanized areas
- Native American Tribal Governments
- Regionally/locally defined underserved communities
- At or below 80% Assembly Bill 1550 (Gomez, Statutes of 2016)
- At or above 75% California Department of Education, Free or Reduced Priced Meals Data
- At or above 75% CalEnviroScreen Version 4.0
- At or below 25% California Healthy Places Index (HPI)

Furthermore, up to 10% of the funds (\$3.9 remaining) will be set-aside for Native American Tribal Governments.

Climate Adaptation Planning grant applicants must demonstrate how the project fits the Grant Specific Objectives listed below, as appropriate for the applicant and project type. Additional resources (guidance, data sources, etc.) to assist in achieving these objectives can be found in Appendix A:

Applicants are required to demonstrate how the proposed effort will accomplish one or more of the following:

- Identify specific transportation infrastructure vulnerabilities⁵ to climate change impacts.
- Identify adaptation strategies and specific actions to remedy identified climate-related vulnerabilities, including short-, medium-, and long-term strategies that will address the overall risk for the entire service life of the asset or capital project using the best available science and guidance.
- Include economic analysis and/or cost-benefit analysis of identified adaptation strategy or strategies when applicable.

Applicants must also demonstrate how the proposed effort will accomplish one or more the following:

- Identify benefit(s) to underserved communities, including transit-dependent populations.
- On-going collaboration and partnerships between sectors and jurisdictions, across levels of government at a regional scale.
- Identify co-benefits of the adaptation work, such as benefits to public health, natural ecosystems, air quality, social equity, the economy, or reductions in greenhouse gas emissions. Projects prioritizing nature-based solutions through natural and green infrastructure planning and adaptation strategies will be prioritized.

⁵ Transportation infrastructure includes, but is not limited to, roads, railways, bikeways, trails, bridges, ports, and airports. Vulnerable transportation infrastructure is transportation infrastructure that is susceptible to the impacts of climate change (e.g., a pedestrian-use trail that cuts through a forested area that is expected to see increased fire risk due to climate change).

- Consistency with priorities and goals of the 2021 California State Adaptation Strategy, as well as any applicable local/regional resilience planning, and that the effort will identify ways to incorporate transportation-related climate adaptation needs into existing transportation plans.
- Projects must include a multistakeholder process that provides an opportunity for meaningful community engagement from communities potentially impacted by any projects identified or developed as part of the planning grant.

Competitive applicants will demonstrate one or more of the following:

- Alignment with or augmentation of existing plans, including climate action plans/adaptation plans, hazard mitigation plans, safety elements of general plans, resilience improvement plans, and/or Certified Local Coastal Programs⁶, that will lead to the identification and development of capital projects that can be programmed as part of local or regional transportation plans. Projects should follow State Guidance on Adaptation Planning (see Appendix A) or be aligned with local plans.
- Collaboration and partnerships with diverse external stakeholders such as businesses, non-governmental agencies, community-based organizations, Federal, state, or local agencies, and community residents.
- Consideration of the adaptation needs of environmental resources in proximity to the transportation system such as coastal resources including but not limited to tidal marsh or beaches, wildlife connectivity, wetlands, or fish passage needs.
- Consideration of public access and Complete Streets' needs.

4.2 Example Project Types

Caltrans aims to fund a variety of project types from a diverse pool of applicants to respond to these climate impacts. Applicants who have adaptation planning efforts underway, as well as those who have not yet started adaptation planning, are encouraged to apply.

The examples below are provided to illustrate the range of projects that may be appropriate for the grant program, as well as to provide ideas to potential applicants. The project types range from initial vulnerability assessment and broad planning efforts to project-level planning needs, for instance through local studies on natural hazards to inform a future project. Proposed projects are not constrained by the examples below.

- **Climate Vulnerability and Risk Assessments** (identification of climate vulnerabilities and risks to transportation infrastructure)
- **Planning for extreme weather events**, which could include:
 - Evacuation planning.
 - Identifying communities and individuals with inadequate access to transportation options (e.g., survey to determine number and location of transit dependent residents).
 - Planning for increased transportation options (e.g., multimodal) in evacuation corridors.
 - Planning for roadway warning systems for extreme weather events.

⁶ More information about Certified Local Coastal Programs and whether a project is located in this area can be found on the Coastal Commission's website and further verified by reaching out to Coastal Commission staff at the applicable Coastal Commission District office.

<https://coastal.ca.gov/lcps.html>

- Planning and evaluating for decentralized energy storage needs for electric vehicle charging infrastructure to safeguard against loss of power and impacts to electric vehicles due to climate-related grid disruptions.
- **Transportation Infrastructure Adaptation and Resilience Improvement Plans, and/or integration of transportation adaptation planning into existing plans** such as a climate mitigation or adaptation plan, Certified Local Coastal Program, Hazard Mitigation Plan, General Plan (including compliance with Senate Bill 379 requirements (Jackson, Chapter 608, Statutes of 2015)), **or other related planning efforts, including project-level planning for capital projects.** For instance, this can include:
 - Prioritization of adaptation needs and strategies in a given region/location.
 - Project-level planning that can be programmed through an existing local or regional transportation plan, such as evaluating infrastructure resilience to climate impacts, especially projects that integrate natural infrastructure or provide multiple benefits. Specific examples could include: adaptation strategies related to realigning/relocating transportation infrastructure impacted by sea level rise; providing transit shelters with shade, water, or other means of cooling in locations expected to see temperature increases; preparing for increased landslide risk; etc.
- **Natural and green infrastructure planning** (e.g., wetlands restoration along transportation corridors to protect transportation infrastructure from flooding and storm impacts, identifying and removing barriers to habitat and wildlife connectivity.)
- **Technical feasibility studies required to advance project-level adaptation planning**, for instance coastal hazards analysis at a potential adaptation project location, or a precipitation study that incorporates future climate risk.
- **Technical assistance projects for under-resourced and climate vulnerable communities to perform climate adaptation planning.**
- **Development of educational resources, trainings and workshops for local jurisdictions and transportation service providers on any of the above listed adaptation planning activities.**

4.3 Eligible and Ineligible Activities and Expenses.

Eligible activities must have a transportation nexus per the California Constitution, Article XIX Section 2 and 3. Applicants need to consult with Caltrans district staff for more information on whether costs are eligible for funding.

Eligible Activities and Expenses

Please consult with Caltrans district staff for clarification regarding specific eligible activities or expenses. Example eligible costs include:

- Staff time
- Consultant time
- Up to 30 percent design or conceptual drawings
- Data and geospatial analysis
- Report writing and the development of associated graphics
- Community surveys, meetings, charrettes, and focus groups
- Bilingual services for interpreting and/or translation services for meetings
- Community/stakeholder advisory groups

- Project-specific staffing
- Web application development and dashboard
- Light snacks and refreshments for public workshops (no full meals), subject to Caltrans approval

Ineligible Activities and Expenses

Some activities, tasks, project components, etc. are not eligible under this grant program. If an application has any of the following elements, it will be disqualified. Ineligible activities and expenses include:

- Projects without a transportation nexus
- Project Initiation Documents
- Environmental studies, plans, or documents normally required for project development under the National Environmental Policy Act or the California Environmental Quality Act
- Engineering plans and design specification work
- Regional Transportation Plans (RTP) or updates to the RTP
- Construction projects or capital costs, such as the building of a facility, or maintenance
- Purchasing of office furniture or other capital expenditures
- Decorations (e.g., for public workshop events)
- Acquisition of vehicles or shuttle programs
- Organizational membership fees
- Incentives for public participation, e.g., "Stuff We All Get" (SWAG), full meals, prizes, freebies, promotional/marketing items, stipends
- Charges passed on to sub-recipient for oversight of awarded grant funds
- Other items unrelated to the project

4.4 Tips for a Successful Climate Adaptation Planning Grant Application

Strong applications will integrate all aspects of the grant program's purpose and specific objectives listed above. Additionally, strong applications will support statewide goals and objectives currently being implemented by the State of California, including the Grant Program Considerations (see Chapter 1.2).

Some guidance is provided below; however, it is not intended to be all inclusive.

Criteria for Successful Climate Adaptation Planning Grant Applications

- Clearly demonstrate how the project promotes climate change adaptation planning on the California transportation system and how the project aligns with the grant specific objectives.
- Partner with Caltrans to identify and address statewide, interregional, or regional transportation adaptation needs in the State highway system (or multimodal transportation system for transit-focused and/or active transportation projects).
- Strengthen government-to-government relationships.

- Demonstrate that the proposed planning effort will lead to adaptation project funding proposals and/or programmed system improvements. This can include advancing planning to lead to project development through development of a cost estimate, pursuing a technical feasibility study for adaptation options, and/or developing a conceptual design.
- Identify and address deficiencies in the multimodal transportation system, including the needs of environmental justice and underserved communities, including Native American Tribal Governments and rural communities.
- Encourage stakeholder collaboration and include active community engagement.
- Promote the region's RTP SCS (where applicable), State planning priorities (Government Code Section 65041.1), and climate adaptation goals (State Adaptation Strategy).
- Demonstrate that the proposed planning effort will use the best available science for climate change projections.
- For proposed planning efforts in the California Coastal Zone, demonstrate that all analyses and final deliverables will be consistent with the applicable Certified Local Coastal Program, California Coastal Act (for projects in the Coastal Commission's retained jurisdiction), and Coastal Commission guidance documents on sea level rise, environmental justice, and Tribal community engagement.

General Tips

- Refer to existing State guidance on climate adaptation planning to ensure alignment with State direction, State data, and guidance, including the California Adaptation Planning Guide, and resources that can be found on the State Adaptation Clearinghouse.
- Consult with your district representative for technical assistance before the application deadline.
- Use the Samples and Checklists provided for the Application, Scope of Work, and Cost and Schedule.
- Provide tailored letters of support and photos of project area as relevant to enhance the application. Project supporters should describe why they support the project and how they would benefit from the project. If applicants/supporters do not have the time/resources to provide tailored letters of support, a petition signed by supporters in a simple table format that lists the supporters and specifically how supporters will benefit the proposed project will suffice.
- Include Caltrans as an active partner in the study, as applicable.
- Some sections of the grant application may seem redundant when discussing underserved community engagement, overall public engagement, and stakeholder involvement. Although the general public and underserved communities are stakeholders for any project, for application purposes, the strategy and methods for engaging these groups will be different, as described below.
 - Overall public engagement will describe the general strategy to engage the public at large;
 - Underserved communities' engagement will explain how the project will go above and beyond business as usual to address the specific needs of underserved communities and use unique methods to involve these groups in the decision-making process; and
 - Stakeholder engagement will explain how partner agencies, businesses, and/or

non-profit community-based organizations will be involved throughout the project.

Project Management

- **Scope of Work:** Refer to the Scope of Work Checklist in Appendix B.
- **Cost and Schedule:** Refer to the Cost and Schedule Checklist in Appendix B.

5. STRATEGIC PARTNERSHIPS

\$1.5 million in FHWA State Planning and Research (SPR) Part 1 funds and \$3 million in Federal Transit Administration (FTA) Section 5304 funds, or a combined total of \$4.5 million, will be distributed through a competitive program to MPOs and RTPAs. Funding distribution for the competitive program will depend on the quality and number of applications.

5.1 Purpose and Specific Objectives

Strategic Partnerships are intended to fund planning projects that partner with Caltrans to address needs on or connecting to the State Highway System (SHS), while the transit sub-category will address multimodal planning projects that focus on transit.

The objectives of the Strategic Partnerships and Strategic Partnerships - Transit grants are to:

- Strengthen government-to-government partnerships
- Accomplish the Federal Planning Factors
- Achieve the Caltrans Mission and the Grant Program Objectives

5.2 Federal Planning Factors

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
2. Increase the safety of the transportation system for motorized and non-motorized users
3. Increase the security of the transportation system for motorized and non-motorized users
4. Increase accessibility and mobility of people and freight
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight
7. Promote efficient system management and operation
8. Emphasize the preservation of the existing transportation system
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation
10. Enhance travel and tourism

5.3 Example Project Types

Example Project Types - Strategic Partnerships

- Studies that identify interregional, inter-county, and/or statewide mobility and access needs
- Comprehensive Multimodal Corridor Plans
- Corridor performance/preservation studies
- Studies that evaluate transportation issues involving ground access to international borders, seaports, airports, intermodal facilities, freight hubs, and recreational sites
- Development of planning activities intended to result in investment in sustainable transportation projects
- Enhanced tools to capture GHG benefits of Operations and System Management projects
- Integration of transportation and economic development
- Planning for sustainable freight
- Planning for transportation safety
- Studies for relinquishment of state routes
- Statewide or interregional research or modeling tools
- Transportation demand management plans
- System investment prioritization plans
- Assessment and integration of new technology
- Complete street plans that consider last-mile freight
- Curbside freight management plans
- Agriculture goods movement plans
- Freight/supply chain resiliency studies

Example Project Types - Strategic Partnerships Transit

- Identification of policies and procedures to integrate transit into the transportation system and planning process
- Statewide transit planning surveys and research
- Identification of policies, strategies, and programs to preserve transit facilities and optimize transit infrastructure
- Projects that evaluate accessibility and connectivity of the multi-modal transportation network
- Transit technical planning studies to optimize system performance
- Studies or plans that evaluate commuter rail or multi-modal connectivity
- Studies or plans that evaluate first and last mile transit connectivity

5.4 Eligible and Ineligible Activities and Expenses

Eligible Activities and Expenses

Eligible activities must have a transportation nexus per the California Constitution, Article XIX Section 2 and 3. Please consult with Caltrans district staff for more information on whether costs are eligible for funding.

Some examples of eligible costs include:

- Data gathering and analysis
- Planning consultant procurement
- Advertising for consultant procurement
- Advertising for public workshops, e.g., flyers, paid media ads
- Virtual outreach activities and on-line meetings
- Travel expenses (See Chapter 6.5 for details)
- Up to 30 percent conceptual drawings and design
- Equipment (as defined in 2 CFR Part 200.33)⁷ purchases must remain under \$5,000 or depreciation will need to be taken in to account when the grant project is completed since equipment could have future uses. 2 CFR Part 200.436⁸ provides the criteria for depreciation, at the Govinfo website.
- Community surveys, meetings, public workshop room rental, charrettes, focus groups
- Bilingual services for interpreting and/or translation services for meetings
- Community/stakeholder advisory groups
- Light snacks and refreshments for public workshops (no full meals), subject to Caltrans and federal approval
- Project administration (up to 5 percent of the grant is allowed, i.e., quarterly reports, invoicing, and kick-off meeting with Caltrans)

Ineligible Activities and Expenses

Some activities, tasks, project components, etc. are not eligible under these grant programs. If an application has any of the following elements, it will be disqualified. Ineligible activities and expenses include:

- Environmental studies, plans, or documents normally required for project development under the National Environmental Policy Act or the California Environmental Quality Act
- Engineering plans and design specification work
- Project Initiation Documents

⁷ Electronic Code of Federal Regulations, 2 Code of Federal Regulations, Part 200.33, 2020, <https://www.ecfr.gov/on/2017-01-03/title-2/subtitle-A/chapter-II/part-200/subpart-A/subject-group-ECFR2a6a0087862fd2c/section-200.33>

⁸ Govinfo, 2 Code of Federal Regulations, Part 200.436, 2022, <https://www.govinfo.gov/app/details/CFR-2022-title2-vol1/CFR-2022-title2-vol1-sec200-436>

- Program or project implementation
- Repurposing unspent grant funds
- Consultant mark-ups
- Application development to pursue construction funds/project implementation
- RTPs or updates to the RTP
- Economic development plans or studies
- Land use plans or studies
- General Plans or updates to elements
- Construction projects, capital costs, such as the building of a facility, or maintenance
- Office furniture purchases, or other capital expenditures
- Decorations, e.g., for public workshop events
- Acquisition of vehicles or shuttle programs
- Organizational membership fees
- Incentives for public participation, e.g., full meals, prizes, freebies, promotional/marketing items, stipends
- Charges passed on to sub-recipient for oversight of awarded grant funds
- Other items unrelated to the project

5.5 Tips for Successful Strategic Partnerships Grant Applications

Criteria for Successful Strategic Partnerships Grant Applications

- Partner with Caltrans to identify and address statewide, interregional, or regional transportation deficiencies in the State highway system (or multimodal transportation system for transit-focused projects)
- Strengthen government-to-government relationships, and
- Result in programmed system improvements

General Tips

- Refer to Appendix A. Multimodal System Planning guidance documents in the development of proposed corridor plans/studies, freight plans/studies, and other multimodal system planning documents.
- Consult with your district representative for technical assistance before the application deadline.
- Use the Samples and Checklists provided for the Application, Scope of Work, and Cost and Schedule.
- Include Caltrans as an active partner in the study.
- Provide tailored letters of support and project area photographs to enhance the application. Project supporters should describe why they support the project and how they would benefit from the project.
- If applicants/supporters do not have the time/resources to provide tailored letters of

support, a petition signed by supporters in a simple table format that lists the supporters and specifically how supporters will benefit the proposed project will suffice.

Project Summary

- Concisely describe the project in less than 150 words. Explain “What parties are involved, the proposed major milestones, and why the project is necessary.”

Project Justification

- Clearly define and explain the transportation problem or deficiency that the project will attempt to address. Why is it critical to address the problem now? Make the case for a critical need that the project will address and support it with verifiable data, if available.

Grant Specific Objective

Demonstrate how the project fits every aspect of the Grant Specific Objective, as appropriate for the applicant and project type.

Project Management

- **Scope of Work:** Refer to the Scope of Work Checklist in Appendix B.
- **Cost and Schedule :** Refer to the Cost and Schedule Checklist in Appendix B.

6. GRANT PROJECT ADMINISTRATIVE REQUIREMENTS

The content of this chapter should be notably considered in the development of grant applications as it lays the foundation for what to expect when applying for these grant funds. Upon award, grantees will receive more specific guidelines including administrative and reporting requirements.

6.1 Coordination with Caltrans

Caltrans is committed to be an active partner. If awarded a grant, the applicant should include Caltrans district staff when planning both technical advisory and community meetings. In addition, Caltrans district staff will help to ensure that the approved Scope of Work, Cost and Schedule, and project funding will be maintained throughout the life of the contract. Applicants are also recommended to engage Caltrans district staff throughout the entire grant life, when applicable.

Caltrans may contact grantees to participate in peer exchange forums to promote information sharing and best practices.

If an agency does not demonstrate adequate performance and timely use of funds, Caltrans may take appropriate actions, which can include termination of the grant.

6.2 Third Party Contracts

The agreements between a grantee and a sub-applicant/recipient, consultant, or sub-consultant are often referred to as “third party contracts.” An eligible sub-applicant should be identified by an eligible applicant at the onset of the application. Eligible sub-applicants/recipients may be added to an application after award with prior Caltrans approval. If a grantee or a sub-recipient is going to hire a consultant to perform work during the project, then proper procurement procedures must always be used.

Grantees may use their agency's procurement procedures as long as they comply with the State Contracting Manual, Chapter 5, the Local Assistance Procedures Manual, Chapter 10, and the terms of the agreement with Caltrans. In addition, work can only be contracted if it has been stated in the applicant's Scope of Work and Cost and Schedule. A grantee is fully responsible for all work performed by its sub-recipient, consultant, or sub-consultant. Caltrans solely enters into a contract directly with the grantee; therefore, the grantee is responsible to ensure that all third parties adhere to the same provisions included in the contractual agreement between Caltrans and the grantee.

All government funded consultant procurement transactions must be conducted using a fair and competitive procurement process that is consistent with the State Contracting Manual, Chapter 5,⁹ the Local Assistance Procedures Manual, Chapter 10,¹⁰ and the terms of the agreement with Caltrans. All documentation of third-party contract procurements must be retained, and copies of

⁹ California State Contracting Manual Volume 1, Chapter 5, 2018, <https://www.dgs.ca.gov/OLS/Resources/Page-Content/Office-of-Legal-Services-Resources-List-Folder/State-Contracting>

¹⁰ Caltrans Local Assistance Procedures Manual, Chapter 10, 2020, <https://dot.ca.gov/programs/local-assistance/guidelines-and-procedures/local-assistance-procedures-manual-lapm>

all agreements must be submitted to Caltrans. For more information on third party contracting, visit the State Contracting Manual and the Local Assistance Procedures Manual Websites.

6.3 Quarterly Reporting

Quarterly Progress Reports (QPR) are required to be submitted for each State FY quarter after the grant recipient has received a Notice to Proceed letter. The table below illustrates the State FY timeframes for submitting the QPR to Caltrans district staff.

Quarterly Progress Report Timeframes			
Quarter 1	Quarter 2	Quarter 3	Quarter 4
July – September	October – December	January – March	April – June

For MPOs and RTPAs, the progress and expenditure of each awarded grant project must be included as part of the OWP Quarterly Progress and Expenditure Report. If this method of reporting is not adequately satisfied, Caltrans staff will require separate quarterly reports for each awarded grant project.

All other primary grant recipients shall submit progress reports every quarter for each awarded grant project. Caltrans district staff will provide the brief report form and due dates.

6.4 Integrated Climate Adaptation and Resiliency Program (ICARP) Case Studies

Caltrans and the Governor's Office of Planning and Research are sharing the lessons learned from this grant opportunity to inform other existing or new state grant programs. To this end, Climate Adaptation Planning primary grant recipients will prepare a final case study/write-up upon grant completion to be included in the ICARP Clearinghouse (described in Appendix A., Pages 70-71), which was developed to share information, resources, and case studies with local and regional jurisdictions. Previous case studies can be found on the ICARP Case Study website¹¹. These case studies will be used to develop guidance for adaptation work in the future. Caltrans will share progress reports with the ICARP Technical Advisory Council at regular intervals.

Climate Adaptation Planning grant recipients are also invited and encouraged to request technical assistance support from the ICARP program, including bringing key challenges or lessons learned to the Technical Advisory Council for their input. Caltrans staff will provide ICARP contact information upon request.

Final Case Study Requirements:

- Include images and GIS files of maps, when applicable
- Emphasize processes or results that can be adapted or replicated for use in multiple jurisdictions or in various parts of the state
- Document the underserved community's involvement throughout the entire process of the proposed project and tools used to capture this information

¹¹ ICARP Case Study website: <https://resilientca.org/case-studies/>

6.5 Invoicing and Financial Requirements

Pre-Award Audit

The Sustainable Communities grants are available in amounts up to \$700,000, Strategic Partnerships grants are up to \$500,000 and Climate Adaptation Planning grants are up to \$3,000,000. However, any awarded grant in excess of \$250,000 may require a pre-award audit. The pre-award audit is to ensure that recipients of State or federal funds maintain adequate financial management systems prior to receiving the funds. Pre-award audits may be required of new grantees, agencies that have not recently been audited, agencies that have undergone prior audits with significant weaknesses or deficiencies in their financial management systems, or those determined to be a higher risk to Caltrans. If a pre-award audit is needed, the local Caltrans district office will contact the grantee to facilitate the appropriate action.

Accounting Requirements

Grantees and sub-applicants/recipients are required to maintain an accounting system that properly records, and segregates incurred project costs and matching funds by line item. The accounting system of the grantee, including its sub-applicants and subcontractors, must conform to Generally Accepted Accounting Principles that enable the determination of incurred costs at interim points of completion and provides support for reimbursement payment vouchers or invoices sent to or paid by Caltrans. Allowable project costs must comply with 2 Code of Federal Regulations (CFR), Part 200. It is the grantee's responsibility, in conjunction with Caltrans district staff, to monitor work and expenses to ensure the project is completed according to the contracted Scope of Work and Cost and Schedule. Grantees must monitor work and costs to ensure invoices are submitted on a regular and timely basis (monthly or quarterly as milestones are completed). Grantees must communicate with their local Caltrans district office to ensure any issues are addressed early during the project period.

Local Match

All grant project tasks/activities require a grant amount and a local match, except a grant amount for administrative Tasks 01, 02 is optional. The local match is a financial requirement that demonstrates the grantee/local agency is vested in the project.

Because the local match is part of the total project cost, the local match can only fund eligible grant activities. Therefore, grant recipients must fund ineligible activities with funds other than the local match.

The local match can be all cash, all third-party in-kind contributions, or a combination of the two. The minimum local match is a percentage of the total project cost (i.e., minimum local match amount plus the grant amount) and is identified in the Cost and Schedule at the Task level.

Beginning with FY 2021-22, grantees can provide a tapered local match, which allows grantees to vary the required local match ratio for each task and with every Request for Reimbursement. Applicants must identify if they will utilize the tapered match on the Cost and Schedule. Grantees agree to satisfy the total local match amount by the grant expiration date.

Local Match Sources

- **Sustainable Communities Competitive and Technical**

Federal toll credits, FHWA PL, and FTA Section 5303, and Sustainable Communities Formula are ineligible match sources; otherwise, any source of funds may be used if the proposed grant work is an eligible activity for the local match fund source.

- **Sustainable Communities Formula**

Federal toll credits are an ineligible match source; otherwise, any source of funds may be used if the proposed grant work is an eligible activity for the local match fund source. If MPOs are matching with federal Consolidated Planning Grant (CPG) funds (i.e., FHWA PL or FTA Section 5303), the work must all be eligible. However, federal approval is required as CPG objectives may differ and must be aligned with Sustainable Communities Formula specific objectives and 23 CFR Part 450 requirements.¹²

- **Climate Adaptation Planning**

Federal toll credits, FHWA PL, and FTA Section 5303, and Sustainable Communities Formula are ineligible match sources; otherwise, any source of funds may be used if the proposed grant work is an eligible activity for the local match fund source.

Local match is not required for Native American Tribal Governments.

- **Strategic Partnerships and Strategic Partnerships – Transit**

Any non-federal source of funds may be used if the proposed grant work is an eligible activity for the local match fund source. If MPOs are matching with Sustainable Communities Formula funds, the objectives for each grant must be in alignment. Caltrans approval is required.

Cash Match

- Staff time from the primary applicant counts as cash match. Staff time charged to a specific project that has been funded and or reimbursed, cannot be used to meet the match requirement for another project.
- Sub-applicant staff time, if reimbursed, is considered cash match. If donating their time, it is considered in-kind.
- Revenue sources for local cash match can include local sales tax, special bond measures, private donations, private foundations, etc.

Third-Party In-Kind Match

Third party in-kind contributions are typically goods and services donated from outside the primary grantee's agency and can be counted towards the minimum local match requirement. Examples of third-party in-kind contributions is the value of donated:

- Public outreach materials
- Interpreter Services
- Facilities
- Equipment
- Advertising
- Student volunteers and other stakeholder staff time
- Other goods and services

¹² Title 23, Code of Federal Regulations, Part 450,

<https://www.govinfo.gov/content/pkg/CFR-2004-title23-vol1/pdf/CFR-2004-title23-vol1-part450.pdf>

The Third-Party In-Kind Valuation Plan is required to itemize and place value on donated goods and services. It must be submitted to Caltrans for approval only if the grant application is awarded. The Third-Party In-Kind Valuation Plan Checklist and Template can be found in Appendix B.

In addition:

- The value of third-party in-kind contributions must be directly benefiting and specifically identifiable to the project.
- Minimum wage standards for student workers or Caltrans pay rates for equal-level volunteers are acceptable base values of volunteer time.
- Third-party in-kind contribution information must be identified on the Grant Application Cover Sheet, the Cost and Schedule, and the project specific Work Element in the OWP (if applicable).

Minimum Local Match Requirements

Applicants/grantees will be held responsible for any local commitments above the minimum requirement included in the grant application and will be made part of the grant agreement with Caltrans. Once the agreement is executed, any decrease to local match commitments above the minimum required amount will require Caltrans approval through an amendment. The example shown in the following table illustrates the minimum local match requirement based on a grant request of \$300,000. Applicants must use the Local Match Calculator¹³ to ensure the correct amounts are reflected on the Grant Application Cover Sheet and the Cost and Schedule.

Minimum Local Match Requirements (Percentage of Total Project Cost)			
Grant Program	Grant Request	Local Match	Total Project Cost
Sustainable Communities, Climate Adaptation Planning, and Strategic Partnerships –Transit	88.53% Example: \$300,000	11.47%* Example: \$38,868	100% Example: \$338,868
Strategic Partnerships	80% Example: \$300,000	20% Example: \$75,000	100% Example: \$375,000

*Climate Adaptation Planning local match is not required for Native American Tribal Governments.

Indirect and Direct Costs

Direct costs are those costs that can be identified specifically with a particular final cost objective, such as a state award, or other internally or externally funded activity, or that can be directly assigned to such activities relatively easily with a high degree of accuracy. Costs incurred for the same purpose in like circumstances must be treated consistently as either direct or indirect costs, also known as facilities and administrative costs or overhead costs.

Indirect Costs are costs that are incurred for a common or joint purpose. These costs benefit more than one cost objective and cannot be readily identified with a particular final cost objective.

¹³ Local Match Calculator posted on-line at (will download as MS Excel spreadsheet):
<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants>

Reproduction costs, computer purchase, and office supplies are considered indirect costs, unless they are tied to a specific task or activity then they are considered direct costs.

Indirect Cost Allocation Plan/Indirect Cost Rate Proposal

If a grantee, including sub-recipients and third-party contractors/consultants, are seeking reimbursement of indirect costs, they must submit an Indirect Cost Allocation Plan (ICAP) or an Indirect Cost Rate Proposal (ICRP) to Caltrans. Submissions should be sent to Caltrans Internal Audits Office (CIAO) or Independent Office of Audits and Investigations (IOAI).

CIAO is responsible for the review and approval of government entities and non-profits ICAP submissions.

IOAI is responsible for the review and approval of for profit (Consultant) ICAP submissions. Consultants submit their ICAPs only when they are initially included in the contract and not on an annual basis.

An ICAP or ICRP must be prepared and submitted yearly in accordance with 2 CFR, Part 200. Indirect costs may be sought for reimbursement only after the grantee has received ICAP/ICRP approval from CIAO. For guidance on the ICAP/ICRP submission process, visit Caltrans Internal Audit Office¹⁴ and the Caltrans LAPM Chapter 5 Accounting/ Invoicing.¹⁵

IMPORTANT NOTE

- ✓ Applications must include the estimated indirect cost rate on the Cost and Schedule.

Most Common Types of Indirect Cost Rates

The following are the most common types of Indirect Cost Rates:

- Fixed Rate
- Final Rate
- De Minimis Rate
- Safe Harbor Rate

Changes to the De Minimis Rate are outlined in the revised 2 CFR Part 200.414(f)¹⁶ that became effective November 12, 2020.

Applications must include the estimated indirect cost rate on the Cost and Schedule.

Travel Expenses

Grantees may be eligible to claim travel expenses if they have been approved in the Scope of Work and Cost and Schedule. Travel expenses and per diem rates are not to exceed the rate specified by the State of California Department of Personnel Administration for similar employees (i.e., non-represented employees). Any request for reimbursement that exceeds the State rates will

¹⁴ Caltrans Internal Audits Office, ICAP/ICRP Submission Process, 2022,
<https://dot.ca.gov/programs/audits/submission-review-main>

¹⁵ Caltrans Local Assistance Procedures Manual Chapter 5, 2020,
<https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/lapm/ch05.pdf>

¹⁶ Electronic Code of Federal Regulations, 2 Code of Federal Regulations, Part 200.414(f), 2020,
https://www.ecfr.gov/cgi-bin/text-idx?node=se2.1.200_1414&rgn=div8

be denied. The grantee is responsible for paying beyond the State rates and cannot use the local match because it is an ineligible activity.

For more information on eligible travel expenses, visit the Caltrans Travel Guide Website.¹⁷

Requests for Reimbursements

- Grant payments are made only as reimbursements.
- Grant reimbursements will be based on actual allowable incurred costs.
- Grant costs will be reimbursed if incurred on or after the start date and the issuance of the Notice to Proceed and before the expiration date.
- Request for Reimbursements (RFRs) must be submitted at least quarterly, but no more frequently than monthly.
- A one-time, lump sum invoice or RFR for the entire grant is not allowed.
- Grantees must pay sub-recipients and subcontractors prior to submitting an RFR to Caltrans.
- Incomplete or inaccurate RFRs will be returned for correction.
- An accounting management system generated report must accompany all RFRs.
- Refer to Chapter 9.2 to determine final RFR dates
- When requesting reimbursement of indirect costs, the following items are required as part of the submitted RFR package:
 - An approved ICAP/ICRP rate must be on file for the FY in which the costs occurred.
 - A financial management system report that segregates direct/indirect costs by fund source.
 - ICAP support document spreadsheet that identifies direct charges and rate applied to those charges.

6.6 Non-Discrimination Requirements

Title VI Non-Discrimination Requirement

The FHWA and the FTA each have requirements that recipients of Metropolitan Planning federal funds must demonstrate continued compliance with Title VI. Compliance with Title VI includes conducting meetings in a fair and reasonable manner that are open to all members of a community. Compliance reflects not only the law but is also a good policy that builds the kind of trust and information sharing upon which successful planning is done. Even where a city or county may not be receiving federal funding for transportation, the Civil Rights Restoration Act of 1987 also obligates that a city or county comply with Title VI, if it receives any other federal funding for any program. Refer to the Caltrans Title VI website¹⁸ for more information.

Disadvantaged Business Enterprises

Successful grant applicants are expected to market contracting opportunities to all small businesses, including DBEs and Disabled Veteran Business Enterprises.

¹⁷ Caltrans Travel Guide, 2020, <https://dot.ca.gov/programs/accounting/travel-guide>

¹⁸ Caltrans, Title IV of the Civil Rights Act of 1964, 2020, <https://dot.ca.gov/programs/civil-rights/title-vi>

Grant recipients of federal funds are required to report any contracting opportunities that may involve DBE participation. DBE reporting is required twice a year: April 1 and October 1. For details about DBE requirements, visit the Office of Regional Planning website.¹⁹

6.7 Final Product

All final reports funded through the Sustainable Transportation Planning Grant Program shall credit the FHWA, FTA, or Caltrans' financial participation on the cover or title page. An Americans with Disabilities Act of 1994 (ADA)-accessible electronic copy of all final reports shall be forwarded to the Caltrans district office responsible for the administration and oversight of the grant. There are resources to assist with development of ADA compliant documents.²⁰

Any technologies or inventions that may result from the use of these grants are in the public domain and may not be copyrighted, sold, or used exclusively by any business, organization, or agency. Caltrans reserves a royalty-free, non-exclusive, and irrevocable license to reproduce, publish, or otherwise use and to authorize others to use for public purposes.

Applicants should thoughtfully develop the project title. Once a Caltrans grant agreement is executed, changes to the original grant project title are not allowed. Grantees may use an "Also Known As" (AKA), but both the AKA and the original title must be included in the final product.

Grantees must submit their final product with the final RFR to Caltrans for approval and reimbursement. Grantees will not be reimbursed for activities that are not completed, and the activity budget must be left unexpended.

6.8 Project Close-Out Survey

Once awarded grant projects are completed, grantees will complete a close-out survey to describe the successes and challenges of their project. The survey will give the opportunity to (1) highlight successes and obstacles in project implementation of the concepts identified by the planning process, (2) identify best practices in transportation planning, with an emphasis in public engagement, and (3) identify studies/plans that have been or will be funded for continued project development. Information from the survey will be compiled into a report to illustrate the value of the grant program and inform planning practitioners in their planning efforts. Caltrans' goal is to provide transparency and accountability for the program, as well as to use the survey feedback to better serve future grant applicants.

¹⁹ Office of Regional Planning, Disadvantaged Business Enterprise,
<https://dot.ca.gov/programs/civil-rights/dbe>

²⁰ State of California Accessibility Website: <https://www.ca.gov/accessibility/>

California Department of Rehabilitation Accessibility Website:
<https://www.dor.ca.gov/Home/Accessibility>

MS Office Support Video: <https://support.office.com/en-us/article/video-check-the-accessibility-of-your-document-9d660cba-1fcd-45ad-a9d1-c4f4b5eb5b7d>

6.9 California Public Records Act

All applications are subject to the California Public Records Act of 1968²¹. As such, applicants may be contacted by anyone who requests their grant application. While Caltrans is obligated to share applications at any time, awarded applicants should avoid a potential conflict of interest when contacted by consultants who may inquire about the grant-funded project and not give the consultant an unfair advantage for the consultant procurement process.

²¹ Leg info, California Government Code, Sections 6250 - 6270.7,
https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?division=7.&chapter=3.5.&lawCode=GOV&title=1.&article=1.

7. APPLICATION SUBMITTAL PROCESS

The Sustainable Transportation Planning Grant Program is highly competitive. This section provides applicants with supplemental information as well as details on required documents that must accompany an application at the time of submittal. All applicants are strongly encouraged to adhere to these requirements in order to score competitively during the application evaluation process.

7.1 Applicant Eligibility

Primary applicants must have statutory authority to conduct transportation/transit planning for their jurisdiction. Generally, the local and regional agencies have this specific authority. Native American Tribal Governments must be Federally recognized to be eligible. Refer to the public entity's bylaws to find this information.

7.2 Early Coordination and Technical Assistance for Primary Applicants

Sub-applicants are encouraged to work far in advance of the application deadline with the appropriate primary applicant to coordinate application development. It is also beneficial for sub-applicants to be informed of the appropriate primary applicant process and schedule, as they may differ slightly from those of Caltrans. RTPAs residing within MPO boundaries should also coordinate application development with the MPO, as it is critical to ensure that proposed studies align with the RTP SCS/APS for the entire MPO region and do not duplicate efforts being applied for or already awarded to the MPO.

Caltrans district staff (See Appendix D) are available during the application period to answer questions and help interested groups complete their applications.

For questions specific to the Grant Application Guide, applicants are also welcomed to contact:

Application Guide Technical Assistance	Contacts
Sustainable Communities and Strategic Partnerships	Grant Management Branch Caltrans Division of Transportation Planning Office of Regional and Community Planning Email: Regional.Planning.Grants@dot.ca.gov
Climate Adaptation Planning	Julia Biggar, Climate Change Branch Chief Caltrans Division of Transportation Planning Office of Air Quality and Climate Change Email: Julia.Biggar@dot.ca.gov
Questions about Housing Element Compliance for Sustainable Communities Competitive and Technical	Paul McDougall Department of Housing and Community Development Email: Paul.McDougall@hcd.ca.gov

7.3 Application Submittal Instructions

The Grant Application Guide, Application forms, and required templates are available on the Caltrans Sustainable Transportation Planning Grant Program website, at:

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants>

- All grant application packages are required to be submitted via Smartsheet
- Smartsheet features work better with Google Chrome browser
- Smartsheet progress cannot be saved. To avoid issues, follow these instructions:
 1. Complete the Application Cover Sheet in MS Word
 2. Copy and paste the Application Cover Sheet fields into the Smartsheet form
 3. Have the PDF attachment ready to upload into the Smartsheet form
- An agency may only submit one application package per Smartsheet submittal.
- An application cannot be submitted to more than one grant category.
- The required items outlined on the Grant Application Checklist in Appendix B must be submitted as a single PDF document (not to exceed 25MB); if awarded, original formats will be requested.
- All application documents must list the applicant's legal name.
- A confirmation of receipt can be sent via Smartsheet if the applicant checks the box to receive a copy of the submittal.

**Submit applications via [Smartsheet Form](#) no later than
THURSDAY, JANUARY 18, 2024 BY 5:00 P.M.**

Hard copies will not be accepted and late applications will not be reviewed.

Caltrans anticipated award announcements: [Summer 2024](#)

Caltrans district staff are available during the application period to answer questions and help interested groups complete their applications. Refer to Appendix D. Caltrans District Contact List for contact information.

Download the latest version of [Adobe Reader DC ®](#) to complete the application form. This version of Adobe is available free of charge.

7.4 Application Supplemental Documentation

The following documents **are not required, but enhance the overall application and typically result** in a more competitive application during the evaluation process:

Letters of Support

If submitted, letters of support must be included with the application package. Letters received separate from the application package may not be considered. The letters should be addressed to the applicant. Such letters can come from community-based organizations, local governments, regional governments, Native American Tribal governments, service agencies, and elected officials.

Graphics

Clearly labeled photographs, maps, planning diagrams, land use or design illustrations, or other relevant graphic representations of the proposed project area convey existing conditions and help to further explain the need for the grant and the priority of the proposed planning project with respect to community need. Please ensure that graphics include a text description to provide context.

Safety Data

Statistical data such as pedestrian-vehicle injuries/crashes or fatalities resulting from lack of safe infrastructure, or other road conditions that contribute to possible injuries. This information may be obtained from police reports, transit agencies, National Highway Traffic Administration, or the Governor's Highway Safety Association.

Travel Mode Data

Data on mode share, commute patterns, accessibility for low-income and underserved populations, access to job centers, or other data to show the need and potential for mode shift to non-auto transportation modes.

Other Data

As applicable, to indicate the need and potential for reducing VMT and GHG, where available.

The following documents are not required, but enhance the overall application and typically result in a more competitive application during the evaluation process:

- Letters of Support
- Graphics
- Safety Data
- Travel Mode Data
- Other Data

8. APPLICATION REVIEW PROCESS

8.1 Two-Tiered Application Review Process

This chapter provides a brief overview of the grant application review process. Grant application evaluation is a two-tiered process that consists of:

- Caltrans District Review and Evaluation
- Caltrans Headquarters (HQ) Interagency Review Committees Evaluation

Caltrans district staff conducts the first-level review of all applications for content, submission of proper documentation, overall relationship to regional and local planning efforts, and documents their evaluations. Caltrans district staff scores, prioritizes, and recommends the most highly ranked Sustainable Communities and all Strategic Partnerships applications for the next level of review with the Interagency Review Committees. Grant applications from Native American Tribal Governments, Transit Agencies, and proposed projects spanning multiple Caltrans districts or projects having a statewide significance, may also move on directly from Caltrans districts to HQ for review.

The HQ Interagency Review Committees conduct the second-level review and comprise staff from Caltrans HQ, the Federal Highway Administration, the Federal Transit Administration, the California Department of Housing and Community Development, the California Department of Public Health, the Governor's Office of Planning and Research, the Strategic Growth Council, and the California Air Resources. Caltrans HQ also coordinates with internal specialists, depending on the grant application subject matter, to provide high-level reviews of the proposed project to avoid funding duplicative efforts or efforts that are not supportive of State planning efforts. The committees for each grant category convene to develop funding recommendations that are approved by every level of Caltrans management and the California State Transportation Agency.

8.2 Application Evaluation/Scoring Process

Grant applications that address every aspect of the grant specific objectives will score higher overall. Caltrans has diverse applicants and project types, which makes it difficult to use a one-size fits all scoring rubric that would not unintentionally put some applicant/project types at a disadvantage. Therefore, applications will be scored based on how well they are able to describe the project, justify need, incorporate the grant specific objectives, and develop a Scope of Work and Cost and Schedule, all in accordance with this grant guide, samples and checklists provided, as applicable and appropriate for the applicant and project type. Once the grant review committees evaluate, rank, and select the best applications for grant funding, final recommendations are presented to Caltrans management and California State Transportation Agency for approval.

8.3 Past Performance Award Considerations

Previous Caltrans transportation planning grantee performance will be considered during the evaluation process. Applicants with a history of inadequate performance and/or unresolved past grant performance issues may be at a competitive disadvantage in the application review process. Past performance issues could include the following:

- Poor grant project management
- Lack of communication/coordination with Caltrans
- Failure to achieve grant project milestones
- Untimely invoice submittals

- Excessive balances and consistently relinquish transportation funds administered by Caltrans Planning
- Unresolved audit issues or findings
- Overall poor quality of the final grant product
- Failure to satisfy the required state and federal planning requirements including submittal and administration of OWPs, RTPs, and Transportation Improvement Programs

If an agency does not demonstrate adequate performance and timely use of funds, Caltrans may take appropriate actions, which can include denial of extenuating circumstance time extension requests and termination of the grant.

9. APPLICATION AWARD PROCESS

9.1 Award and Non-Award

Successful grant applicants will receive an award letter via email. A list of award and non-awarded grants will be posted to the Caltrans Sustainable Transportation Planning Grant Program website.

Caltrans Sustainable Transportation Planning Grant Program Website:

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants>

Conditional Award Teleconferences

Each grantee will receive a Conditional Award Letter that outlines the grant project cost, important expiration and final invoice dates.

Caltrans district staff will schedule individual teleconferences to provide the specific and general conditions of grant acceptance that are necessary to accept grant funding, including any revisions to the grant application, Scope of Work and Cost and Schedule. Conditions may include revisions to the project Scope of Work to bolster public participation, consider land use and housing, and to coordinate with local housing and community development departments and health departments. Awardees are required to submit all supporting materials and a signed agreement or risk forfeiting the grant award.

Non-Award Teleconferences

Unsuccessful grant applicants are encouraged to request a debriefing from Caltrans. Applicants typically receive specific comments from the District/Interagency Review Committee on how to improve applications to re-apply in a future grant cycle. If the application advanced to the second-level review, HQ provides the Interagency Review Committee score, as well as how close the application was relative to the cut-off score for available grant funding. Applicants sometimes apply two or three times before they are successful due to the competitiveness of the grant program.

9.2 Contracting with Caltrans

All awarded grant funds must be under an executed agreement with Caltrans during the State FY 2024-25. The project start date depends on the method of contracting with Caltrans.

MPOs and Rural RTPAs

All MPOs/RTPAs with a current Master Fund Transfer Agreement (MFTA) must have the entire grant award and local match programmed in the FY 2024-25 OWP within 90-days of receiving the signed FY 2023-24 reconciliation letter. Due to the competitiveness of this grant program, failure to program funds may result in forfeiture of grant funds. MPOs/RTPAs should include a place-holder Work Element in the Draft FY 2024-25 OWP and satisfy specific grant conditions before the first FY 2024-25 OWP amendment. MPO/RTPAs can anticipate starting their projects in November 2024, after the OWP amendment is processed and Caltrans issues a formal Notice to Proceed.

Non-MPOs/RTPAs

Grantees that do not have a current MFTA with the Caltrans Office of Regional and Community Planning (i.e., cities, counties, transit agencies, Tribal Governments), Caltrans will contract directly with the primary grantees through the Restricted Grant Agreement (RGA) process. For grantees

that undergo the RGA contracting process, work may begin as early as November 2024, assuming the grantee has received a fully executed contract and Caltrans district staff send a formal Notice to Proceed which allows grantees to begin work.

Estimated Project Start/Expiration Dates

It is important for applicants to reflect the estimated project start date in the Scope of Work and Cost and Schedule. Project Timeline constraints for both methods of contracting with Caltrans are provided below. Grantees must consider these dates when developing the Scope of Work and Cost and Schedule:

Master Fund Transfer Agreement Project Timeline (MPOs/RTPAs Only)	
November 2024	Anticipated start date
June 30, 2027	- Grant project end/expiration date - Reimbursable work must be completed - Grant extensions are only allowed for extenuating circumstances and may require a formal Overall Work Program (OWP) amendment
August 30, 2027	All Final Request for Reimbursements for must be submitted no later than 60 days after the end of the fiscal year to coincide with the submission of the OWP Final Expenditure Report.
Restricted Grant Agreement Project Timeline (Non-MPO/RTPAs)	
November 2024	Anticipated start date
June 30, 2027	- Grant project end/expiration date - Reimbursable work must be completed - Grant extensions are only allowed for extenuating circumstances and require a formal amendment.
August 30, 2027	Final Request for Reimbursements and final products must be submitted to Caltrans for approval and reimbursement. This allows Caltrans sufficient time to comply with the State Controller's Office payment requirements.

Native American Tribal Governments

Native American Tribal Governments have the following options for contracting with Caltrans:

- (1) **Contracting with Tribes Directly** – The authority Caltrans uses to contract with tribes directly comes from California Streets and Highways Code section 94. Caltrans requires tribes to provide a limited waiver of sovereign immunity that is very specifically limited in scope and in time to only apply to the grant contract itself (and to any possible audits). The RGA boilerplate template for Native American Tribal Governments is available upon request to help weigh the options for contracting with Caltrans.
- (2) **Partnering with a Regional Agency** – Another mechanism for contracting with Caltrans is to collaborate with an MPO or RTPA. Caltrans can pass through grant funding to tribes for

planning projects where options or time are limited. This option uses the three-part contract, MFTA/OWP/OWPA, and is usually the quickest option to allow planning projects to get started.

- (3) Transferring Funds Pursuant to 23 U.S.C. 202(a)(9)** – Section 202(a)(9) of title 23, United States Code encourages cooperation between States and Tribes by allowing any funds received from a State, county, or local government to be credited to appropriations available for the Tribal Transportation Program (TTP). One potential source of such funding is funds apportioned or allocated to a State under title 23. Section 104(f)(3) allows the Secretary of Transportation to, at the request of a State, transfer among States, or to the FHWA, funds that have been so apportioned or allocated. This provision, used in conjunction with the authority under 23 U.S.C. 209(a)(9), allows State funds to be transferred to FHWA, which in turn would provide the funds to the specified Tribe.

For more information visit the FHWA website.²²

Caltrans has successfully used the federal Section 202(a)(9) process to transfer Sustainable Communities grant funds to a Native American Tribal Government. In order to use this transfer process, an agreement would need to be in place with the FHWA or the Bureau of Indian Affairs, the Tribe, and the State that clearly identifies the project and the roles and responsibilities of all parties. Each interagency fund transfer includes 1) a fund transfer template and 2) an addendum lining out the specifics of the terms. This option requires involvement and approval by Caltrans Legal and the funds must be used for the intended purpose of the awarded Sustainable Communities grant.

²² Federal Highway Administration, Office of Tribal Transportation , 2020
<https://flh.fhwa.dot.gov/programs/ttp/documents/Funds-Transfer-Procedures-Pursuant-to-23-U.S.C.202%28a%29%289%29.pdf>

APPENDICES

APPENDIX A. GUIDANCE, TOOLS, AND RESOURCES FOR PREPARING A GRANT APPLICATION

Grant Program Considerations

The Grant Application Guide incorporates guidance from many sources. The following links are provided to assist applicants in preparing a competitive grant application consistent with the grant program, specific objectives, and the Grant Program Considerations:

- Caltrans Strategic Plan
- California Transportation Plan (CTP) 2050
- Modal Plans that Support the CTP
 - Interregional Transportation Strategic Plan
 - California Freight Mobility Plan
 - California State Rail Plan
 - California State Bicycle and Pedestrian Plan
 - Statewide Transit Strategic Plan
 - California Aviation System Plan
- Title VI and Environmental Justice
- Climate Action Plan for Transportation Infrastructure
- California Climate Adaptation Strategy
- Master Plan for Aging

Caltrans Strategic Plan

The purpose of the Strategic Plan is to be a roadmap of Caltrans' role, expectations, and operations as we meet the challenges of modernizing Caltrans into a world-class Department of Transportation. The tools we use to implement this Plan are performance management, transparency, accountability, sustainability, and innovation. The Plan serves a number of functions:

- Provides clear direction for meeting statewide objectives;
- Creates and deepens strategic partnerships; and
- Provides performance measures that monitor success

<https://dot.ca.gov/-/media/dot-media/programs/risk-strategic-management/documents/sp-2020-16p-web-a11y.pdf>

California Transportation Plan 2050

The CTP 2050 is the State's statutorily fiscally unconstrained long-range transportation roadmap for positive change that:

- Provides a unifying and foundational policy framework for making effective, transparent, and transformational transportation decisions in California
- Addresses the varied transportation needs of urban, suburban, rural, and Tribal communities
- Emphasizes implementation and identifies a timeline, roles, and responsibilities for each plan recommendation.

The CTP does not contain projects, but policies and strategies required to close the gap between what the regional transportation plans (RTP) aim to achieve and how much more is required to meet 2050 goals. Competitive applications will discuss how proposed projects will assist in achieving the CTP 2050.

<https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/ctp-2050-v3-a11y.pdf>

Modal Plans that Support the California Transportation Plan

The CTP is the umbrella plan that informs and pulls together the State's long-range modal plans, described below, to envision the future system:

Interregional Transportation Strategic Plan (ITSP)

A Caltrans document that provides guidance for the identification and prioritization of interregional transportation improvements to be funded in the Interregional Transportation Improvement Program (ITIP). The ITSP analyzes the entire interregional transportation system including highways and rail. While the ITSP informs the ITIP, the purpose of the plan is to be a guiding document for all investment in the interregional transportation system regardless of funding source.

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/multi-modal-system-planning>

California Freight Mobility Plan

A statewide, long-range plan for California's freight transportation system. Developed in collaboration with our partners, the California Freight Mobility Plan (CFMP) was developed by the California State Transportation Agency (CalSTA) and Caltrans in consultation with the California Freight Advisory Committee.

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/strategic-freight-planning>

California State Rail Plan

A statewide plan that provides a framework for planning and implementing California's rail network for the next 20 years and beyond. The Rail Plan is a strategic plan with operating and capital investment strategies that will lead to a coordinated, statewide travel system.

<https://dot.ca.gov/programs/rail-and-mass-transportation/california-state-rail-plan>

California State Bicycle and Pedestrian Plan

"Toward an Active California," California's first statewide plan that lays out the policies and actions that Caltrans and its partner agencies will take to achieve the Department's ambitious statewide goals to double walking and triple bicycling trips by 2020.

<https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/f0020350-activeca-final-plan-2017-05-18-a11y.pdf>

Statewide Transit Strategic Plan

The plan allows the State to prepare for the expanding landscape of personal mobility choices and the integration of urban and regional transit systems with the California High Speed Rail project. The Statewide Transit Strategic Plan highlights a sustainable transportation system that supports the outcomes of the CTP, the California State Rail Plan, and the California State Bicycle and Pedestrian Plan.

<https://dot.ca.gov/programs/rail-and-mass-transportation/statewide-transit-strategic-plan>

California Aviation System Plan

A multi-element plan prepared by Caltrans with the goal of developing and preserving the system of publicly owned, public-use airports and to promote the development of a safe, efficient, and sustainable air transportation system that meets the integrated mobility needs of the state of California.

<https://dot.ca.gov/programs/aeronautics/california-aviation-system-plan>

Title VI and Environmental Justice

Title VI of the U.S. Civil Rights Act prohibits discrimination on the basis of race, color, or national origin in programs or activities receiving federal financial assistance. A similar prohibition applies to recipients of state funds under California Government Code section 11135, which prohibits discrimination on the basis of race, color or national origin, as well as ethnic group identification, religion, age, sex, sexual orientation, genetic information, or disability. Title VI specifically provides the following:

No person in the United States shall, on the ground of race, color, national origin, religion, sex, age, or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving financial assistance from the Federal government.

<https://dot.ca.gov/programs/civil-rights/title-vi>

The following tools are provided to assist grant applicants with integrating environmental justice in their proposed activities:

EJSCREEN: Environmental Justice Screening and Mapping Tool

EJSCREEN, developed by the United States Environmental Protection Agency, geospatially displays public health and environmental data and allows users to compare local data against state and national averages.

<https://www.epa.gov/ejscreen>

Environmental Justice Agency Assessment 2020

The California Environmental Justice Alliance completed the fifth Environmental Justice Agency Assessment, the only one in the nation to formally examine how state agencies develop, implement, and monitor environmentally related policies that particularly impact low-income communities and communities of color. The assessments in this report are made in the spirit of holding state agencies and elected officials accountable to the public, and to provide guidance on how they can make their work more equitable.

<https://caleja.org/wp-content/uploads/2021/07/CEJA-Agency-Assessment-062021-FINAL-WEB.pdf>

Climate Action Plan for Transportation Infrastructure

The Climate Action Plan for Transportation Infrastructure (CAPTI) details how the state recommends investing billions of discretionary transportation dollars annually to aggressively combat and adapt to climate change while supporting public health, safety and equity. CAPTI builds on executive orders signed by Governor Gavin Newsom in 2019 and 2020 targeted at reducing greenhouse gas (GHG) emissions in transportation, which account for more than 40 percent of all emissions, to reach the state's ambitious climate goals.

<https://calsta.ca.gov/-/media/calsta-media/documents/capti-july-2021-a11y.pdf>

California Climate Adaptation Strategy

The California Climate Adaptation Strategy, mandated by Assembly Bill 1482 (Gordon, 2015), links the state's existing and planned climate adaptation efforts, showing how they fit together to achieve California's six climate resilience priorities. The Strategy is organized around outcome-based priorities, enabling a coordinated, integrated approach to building climate resilience. The Strategy shows how the state's efforts fit together to deliver on six priorities for climate resilience action in California: Strengthen Protections for Climate Vulnerable Communities; Bolster Public Health and Safety to Protect Against Increasing Climate Risks; Make Decisions Based on the Best Available Climate Science; Build a Climate Resilient Economy; Accelerate Nature-Based Climate Solutions and Strengthen Climate Resilience of Natural Systems; Partner and Collaborate to Leverage Resources.

<https://www.climate resilience.ca.gov/>

Master Plan for Aging

The Master Plan for Aging is a blueprint for aging across the lifespan and outlines five goals and twenty-three strategies to build a California for All Ages by 2030. It also includes a Data Dashboard for Aging to measure progress and a Local Playbook to drive partnerships that will assist in meeting the goals of the Master Plan.

<https://mpa.aging.ca.gov/>

Resources to Advance Grant Specific Objectives

Applicants must demonstrate how the project fits every aspect of the Grant Specific Objective, as appropriate for the applicant and project type. The following resources are provided in this section:

- Multimodal System Planning
- Advance Transportation Related GHG Reduction Project Types/Strategies
- Addressing the Needs of Underserved Communities
- Public Health Resources
- Active Community Engagement
- Integrated Housing, Land Use, and Transportation Planning
- Promote the Region's RTP SCS/APS, State Planning Priorities, and Climate Adaptation Goals
- Climate Ready Transportation and Climate Adaptation Planning

Multimodal System Planning

The following guidance documents can be used in the development of proposed corridor plans/studies, freight plans/studies, and other multimodal system planning documents.

Comprehensive Multimodal Corridor Plan Guidelines

The California Transportation Commission developed the Comprehensive Multimodal Corridor Plan Guidelines (plan guidelines) to provide guidance to eligible Solutions for Congested Corridors Program applicants regarding the statutory requirements for comprehensive corridor plans utilized by agencies to apply for funding through the Congested Corridors Program. Applicants proposing to develop a comprehensive corridor plan are encouraged to review the plan guidelines to ensure their application and final product would align with and compete well for the Solutions for Congested Corridors Program.

<https://catc.ca.gov/programs/sb1/solutions-for-congested-corridors-program/comprehensive-multimodal-corridor-plan-guidelines>

Caltrans Corridor Planning Process Guide

The Caltrans Division of Transportation Planning prepared the Corridor Planning Process Guide (Guide) for use in preparing corridor planning documents. This Guide establishes a comprehensive planning approach through desired protocols and procedures to identify and implement multimodal transportation needs. It is neither intended as nor does it establish, a legal standard for these functions.

<https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/system-planning/systemplanning/corridor-planning-process-guide-april-2022-a11y.pdf>

Planning for Operations Strategic Work Plan

The Planning for Operations Strategic Work Plan is a statewide framework for multimodal system management planning, aims to identify the specific steps needed to implement multimodal system management planning at Caltrans and prioritize implementation actions.

<https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/system-planning/systemplanning/caltrans-p4ops-strategic-work-plan-2018-a11y.pdf>

Caltrans Climate Change Emphasis Area Guide for Corridor Planning

Consideration of climate change adaptation and mitigation must be included in the corridor planning process. This guidance was developed to describe how to address climate risk in the context of the Caltrans Corridor Planning Process Guide's 8 steps process.

https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/cc_ea_guide_for_corridor_planning_march2020_a11y.pdf

Active Transportation Emphasis Area Guidance

Active Transportation is one of several distinct emphasis areas to be considered in corridor plan analysis. Caltrans Active Transportation guidance has one goal – to provide corridor planners with a framework to assess and analyze the variety of Active Transportation issues that can be addressed in Corridor Plans. As the “Eight Step” process will be required to develop Corridor Plans, this Active Transportation Emphasis Area (EA) Guidance is based upon those eight steps.

<https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/active-transportation-complete-streets/20220131active-transportation-emphasis-area-guidance-final-version-v7a11y.pdf>

Advance Transportation Related GHG Reduction Project Types/Strategies

CARB 2017 Climate Change Scoping Plan, Appendix C

The California Air Resources Board (CARB) adopted the *2017 Climate Change Scoping Plan Update* which includes *Appendix C, Vibrant Communities and Landscapes – A Vision for California in 2050*, to guide how the State develops communities, preserves and protects its landscapes, and ensures that all Californians have equitable access to housing, health care, jobs, and opportunity. Competitive Sustainable Communities grant applications will demonstrate a linkage to this land use vision.

The CARB 2017 Climate Change Scoping Plan (Appendix C) also includes *Potential State-Level Strategies to Advance Sustainable, Equitable Communities and Reduce Vehicle Miles of Travel (VMT)* which outlines a list of potential additional strategies that the State could pursue to help achieve further VMT reduction, support local and regional actions already underway, and advance multiple additional goals.

While this document is intended to guide State-level actions, many of the strategies can also be implemented at a regional and local level. Sustainable Communities grant applicants are encouraged to explore these strategies and apply them, as appropriate, to proposed planning projects.

CARB 2017 Climate Change Scoping Plan, Appendix C:

https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/2030sp_appc_vmt_final.pdf

For current CARB activities and future updates on Scoping Plan efforts, visit:

<https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan>

Senate Bill 375

The Sustainable Communities and Climate Protection Act (SB 375) was signed in 2008. It supports the State's climate goals by helping reduce greenhouse gas emissions through coordinated transportation, housing, and land use planning.

Under the Sustainable Communities Act, the California Air Resources Board (CARB) sets regional targets for greenhouse gas emissions reductions from passenger vehicle use. CARB set targets for 2020 and 2035 for each of the 18 MPO regions.

Each of the MPO regions must prepare a Sustainable Communities Strategy/Alternative Planning Strategy (SCS/APS), as an integral part of its regional transportation plan, that contains land use, housing, and transportation strategies that, if implemented, would allow the region to meet CARB's targets. Once the SCS/APS is adopted by the MPO, CARB must review the adopted SCS/APS to accept or reject the MPO's determination that the SCS/APS, if implemented, would meet the targets.

Sustainable Communities grant applicants, where applicable, should explore their regions Sustainable Communities Strategy/Alternative Planning Strategy, and apply them, as appropriate, to proposed planning projects.

CARB SCS/APS Evaluations: <https://ww2.arb.ca.gov/our-work/programs/sustainable-communities-program/regional-plans-evaluations>

SB 375: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=200720080SB375

Senate Bill 743

Senate Bill (SB) 743 was signed in 2013, with the intent to “more appropriately balance the needs of congestion management with statewide goals related to infill development, promotion of public health through active transportation, and reduction of greenhouse gas emissions.” When implemented, “traffic congestion shall not be considered a significant impact on the environment” within California Environmental Quality Act (CEQA) transportation analysis. The CEQA guidelines have since established Vehicle Miles Traveled (VMT) as one of the measures of transportation-related environmental impact, beginning December of 2018. A key element of transportation analysis under the new guidance is forecasting induced vehicular travel.

Applicants who wish to pursue model improvements or develop VMT Mitigation Programs using Sustainable Communities Competitive Technical or Formula grants are encouraged to review available materials relating to forecasting induced travel, including those found on the Caltrans SB 743 implementation website, and refer to the example below. Refer to the Caltrans Traffic Analysis Framework for a detailed list of recommended standards for improved forecasting of induced vehicular travel.

Examples include:

- Integration of land use modeling into travel demand models, improving long-term induced travel modeling capability
- Incorporation of impacts to trip-making behaviors as a result of network improvements
- Improved congestion feed-back into existing models, or pre- and post-processing procedures
- Induced travel case studies

SB 743: http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201320140SB743

Caltrans SB 743 Implementation: <https://dot.ca.gov/programs/sustainability/sb-743>

Addressing the Needs of Underserved Communities

Caltrans encourages eligible applicants to apply for Sustainable Communities Competitive Grants to address transportation needs and deficiencies in underserved communities. Supporting planning projects that benefit a underserved community is a priority; therefore, a minimum threshold of 50 percent of Sustainable Communities Competitive Grants has been identified for projects that benefit underserved communities, which includes Native American Tribal Governments and rural communities (for transportation planning purposes, rural is defined as all areas of the State that are not included in urbanized areas of 50,000 in population or greater; see map in Appendix C which indicates rural areas). In sum, acceptable underserved communities definitions include:

- Rural communities of 50,000 or less and outside of urbanized areas
- Native American Tribal Governments
- Regionally/locally defined underserved communities
- At or below 80% Assembly Bill 1550 (Gomez, Chapter 369, Statutes of 2016)
- At or above 75% California Department of Education, Free or Reduced Priced Meals Data
- At or above 75% CalEnviroScreen Version 4.0
- At or below 25% California Healthy Places Index (HPI)

Grant applicants are required to provide a justification in their grant application for how the project area meets the definition of an underserved community and a description of how the project will benefit these communities, as well as how these communities will be engaged throughout the project.

The following tools, related to income level, environmental burden, and health inequities, are intended to help applicants identify the most vulnerable places that are facing disproportionate rates of economic, environmental, and health burdens. These tools must be cited in the grant application, as well as how the project area is compared to the statewide thresholds that are established in each tool.

Regionally and/or Locally Defined Underserved Communities

Regionally and/or locally defined underserved communities may be acceptable as long as statewide thresholds for the tools below are not circumvented. Applicants that use a regional or local definition should also provide data for their project, using the statewide tools below. Caltrans may not accept the regional/local definition if it is inadequately supported in the justification section of the grant application.

Assembly Bill (AB) 1550 (Gomez, Chapter 369, Statutes of 2016)

AB 1550 further enhanced the Greenhouse Gas Reduction Fund statutory requirements to invest a minimum of twenty-five percent in underserved communities and another ten percent in low-income households or communities. AB 1550 provides definitions for low-income households and low-income communities that may be considered in application development:

- (1) "Low-income households" are those with household incomes at or below 80 percent of the statewide median income or with household incomes at or below the threshold designated as low income by the Department of Housing and Community Development's list of state income limits adopted pursuant to Section 50093.
- (2) "Low-income communities" are census tracts with median household incomes at or below 80 percent of the statewide median income or with median household incomes at or below the threshold designated as low income by the Department of Housing and Community Development's list of state income limits adopted pursuant to Section 50093.

AB 1550: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB1550

California Department of Education, Free or Reduced Priced Meals (FRMP) Data

The California Department of Education maintains the complete data files pertaining to students who are eligible for FRMP. FRMP data are collected annually and can also be used to assist Sustainable Communities applicants to define their underserved community. Per SB 99 (Chapter 359, Statutes of 2013), the State's Active Transportation Program disadvantaged community's definition includes low-income schools, where at least 75 percent of students are eligible to receive free or reduced meals under the National School Lunch Program.

FRMP data files: <https://www.cde.ca.gov/ds/sd/sd/files.asp>

SB 99: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201320140SB99

IMPORTANT INFORMATION:

Grant applicants are required to provide a justification in their grant application for how the project area meets the definition of underserved communities and a description of how the project will benefit these communities, as well as how these communities will be engaged throughout the project.

CalEnviroScreen Version 4.0

CalEnviroScreen is a screening methodology that can be used to help identify California communities that are disproportionately burdened by multiple sources of pollution. CalEnviroScreen uses environmental, health, and socioeconomic information to produce a numerical score for each census tract in the state. For purposes of SB 535 (De León, Statutes of 2012), disadvantaged communities are defined as the top 25 percent scoring areas from CalEnviroScreen along with other areas with high amounts of pollution and vulnerable populations.

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>

California Healthy Places Index (HPI)

The California Healthy Places Index (HPI) is an interactive data and mapping tool that provides a detailed snapshot of the social determinants of health across California, mapped down to the Census tract level. HPI provides comparison rankings of Census tracts statewide and an accompanying policy action guide. Therefore, the HPI can be a useful tool in prioritizing areas with high levels of social and economic disadvantage for funding, policy, and planning interventions. HPI was developed by the Public Health Alliance of Southern California in collaboration with health departments and data experts across the state. Because the HPI focuses on the social and environmental conditions that contribute to health, policy makers and local agencies can use it to identify actionable policies that would improve health in their community, such as improving transportation access, housing affordability and quality, or access to parks and open space, HPI also incorporates “decision support layers” that can be overlaid to show additional indicators such as the California Department of Public Health’s (CDPH) climate change and health vulnerability indicators (see Appendix A. under Public Health Resources, **CDPH Climate Change and Health Vulnerability Indicators** for more information.).



<https://healthyplacesindex.org/>

Understanding the HPI Score

The HPI includes a composite score for each Census tract in the State. The higher the score, the healthier the community conditions. Each Census tract's score is converted to a percentile, which allows it to be compared to other California Census tracts. For example, an HPI percentile of 79 indicates that a Census tract has healthier community conditions than 79 percent of the Census tracts in California. HPI percentile rankings are further broken into quartiles, with percentiles below 25 typically used to indicate disadvantaged communities. Thus, lower scores can be used to demonstrate a community, or project/service area, is underserved for purposes of qualifying for the minimum threshold of 50 percent for underserved communities in this program.

In addition to the composite score and percentile ranking, applicants can review the individual domain scores or indicators themselves and explain how their project will improve one or more of these public health challenges. The numeric value and percentile ranking for these component indicators can be found either by using the live map or by accessing the data directly. See the following table for HPI examples.

These HPI tools can be accessed at:

Live Map: <https://map.healthypacesindex.org/>

HPI Learning Center: <https://www.healthypacesindex.org/learning-center>

HPI Examples		
Indicator	HDI Percentile	How will the project improve this health challenge?
Policy Action Area (Composite) Scores		
Neighborhood	Percentile ranking of all neighborhood-related indicators	Demonstrate how this plan will address health and transportation challenges related to neighborhood indicators (park access, supermarket access, retail density, alcohol availability and tree canopy)
Transportation	Percentile ranking of all transportation indicators	Demonstrate how this plan will address health and transportation challenges related automobile access and active commuting
Individual Indicators		
Automobile Access	XX percent	Describe how plan will increase and improve transportation access to vital destinations, goods and services for those without auto access.
Active Commuting	XX percent	Describe how the plan will improve transportation options for those without a car, specifically regarding active commuting by foot, bike, and transit in the project area.
Park Access	XX percent	Demonstrate how project will improve transportation access to parks/ open space.

For more information on the HPI, including how to calculate a score for your project area and suggested project types for improving public health, visit <https://healthypacesindex.org/>.

Senate Bill 1000 (Leyva, Chapter 587, Statutes of 2016)

SB 1000 requires local jurisdictions to develop environmental justice elements in their next General Plan updates. Specifically, the environmental justice element, or the environmental justice goals, policies, and objectives in other elements, must be adopted or reviewed upon the adoption or next revision of 2 or more elements concurrently on or after January 1, 2018. Grant applicants are encouraged to describe efforts to comply with this new general plan requirement.

https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1000

California Environmental Justice Alliance SB 1000 Toolkit

The California Environmental Justice Alliance SB 1000 Toolkit may help applicants describe their efforts to include the Environmental Justice element in their general plan updates.

<https://caleja.org/2017/09/sb-1000-toolkit-release/>

Governor's Office of Planning and Research (OPR) General Plan Guidelines Senate Bill 1000 Technical Advisory

The OPR General Plan Guidelines for Senate Bill 1000 provides guidance for determining whether an Environmental Justice element or equivalent is required in a local jurisdiction, including

identifying the location of disadvantaged communities (as defined in Gov. Code, § 65302, subdivision (h)(4)(A))²³ as well as the nature of their environmental burdens, health risks, and needs. It also provides guidance for community engagement when addressing Environmental Justice disadvantaged communities; and goals, policies, and programs that address the unique and compounded health risks in disadvantaged communities and prioritize improvements and programs that meet the needs of disadvantaged communities.

https://opr.ca.gov/docs/20200706-GPG_Chapter_4_EJ.pdf

Displacement/Gentrification

Transportation improvements, especially new rail lines and stations to low-income communities, can increase access to opportunities. But they can also result in much higher property values and an increase in the cost of owning and renting property, inadvertently displacing existing residents and businesses. Being forced to leave a home is a stressful, costly and traumatic life event, especially when affordable housing is so limited. There is a growing recognition of tools and strategies that can be implemented alongside community investments to reduce displacement.

Grant applicants are encouraged to reference the *2017 RTP Guidelines, Appendices K and L*, for best practices in addressing displacement of low income and underserved communities.

Transformative Climate Communities Program

The State's Transformative Climate Communities Program provides a framework for applicants to avoid displacement and may assist Sustainable Communities grant applicants in addressing displacement.

https://sgc.ca.gov/meetings/council/2022/docs/20220428-Item5a_TCC_Guidelines_Round%204_Technical%20Amendment_Clean.pdf

Implementing Senate Bill 350 (De Leon, Chapter 547, Statutes of 2015) and Community Needs Assessments

Caltrans supports implementation of SB 350, the Clean Energy and Pollution Reduction Act of 2015, which establishes the State priority to reduce GHG emissions through the promotion of various clean energy policies, including widespread transportation electrification, for the benefit of all Californians. Transforming the State's transportation sector to support widespread electrification requires increasing access for all Californians, including low-income residents and those living in underserved communities, across a broad spectrum of clean transportation and mobility options to address community specific transportation needs. Caltrans is leading efforts to identify low-income residents and underserved communities' transportation and mobility needs through ongoing and potential future statewide planning processes.

In support of this State goal, Sustainable Communities applicants are encouraged to conduct local Community Needs Assessments of low-income resident and underserved communities' transportation and mobility needs to ensure feedback is incorporated in transportation planning. Community Needs Assessments include an evaluation of the following categories of transportation barriers and opportunities at the community level: (1) Access and Reliability; (2) Convenience; (3) Safety; (4) Demographic Characteristics and Community Setting; and, (5) Planning, Infrastructure and Investments.

SB 350: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB350

Final Guidance Document, Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents

In February 2018, the California Air Resources Board released the Final Guidance Document, *Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents*. This Guidance Document provides background for SB 350 and may assist Sustainable Communities applicants with developing Community Needs Assessments as a standalone project or as part of a proposed project.

<https://ww2.arb.ca.gov/resources/documents/carb-barriers-report-final-guidance-document>

Public Health Resources

The following tools can be used to further describe the community's climate change and health vulnerability, and other needs, including helping to create qualitative descriptions of existing community health risks and vulnerabilities and how the proposal will address them.

Community Health Needs Assessments

Community Health Needs Assessments (CHNA) and implementation strategies are regularly conducted by county public health departments and are newly required of tax-exempt hospitals as a result of the Patient Protection and Affordable Care Act. These assessments and strategies create an important opportunity to improve the health of communities. They ensure that hospitals have the information they need to provide community benefits that meet the needs of their communities. They also provide an opportunity to improve coordination of hospital community benefits with other efforts to improve community health. By federal statute, the CHNAs must take into account input from "persons who represent the broad interests of the community served by the hospital facility, including those with special knowledge of or expertise in public health." To avoid duplicative efforts, grant applicants are encouraged to contact and coordinate with local health departments/non-profit hospitals to take advantage of information that may have been collected as part of CHNA efforts, such as low-income resident and underserved communities' transportation and mobility needs. It is important for grant applicants to connect with these public health entities for both partnership building on transportation needs for under-resourced communities, but also to not over-burden those communities with multiple assessments or efforts asking similar questions.

CDPH Climate Change and Health Vulnerability Indicators (CCHVIs)

CDPH developed the Climate Change and Health Vulnerability indicators, narratives, and data to provide local health departments and partners the tools to better understand the people and places in their jurisdictions that are more susceptible to adverse health impacts associated with climate change, specifically extreme heat, wildfire, sea level rise, drought, and poor air quality. The assessment data can be used to screen and prioritize where to focus deeper analysis and plan for public health actions to increase resilience.

The CCHVIs can be viewed on "CCHVIZ", CDPH's interactive data visualization platform:

<https://discovery.cdph.ca.gov/ohe/CCHVIZ/>. The CCHVIs have also been incorporated into the HPI as decision support layers, to better integrate addressing health outcomes associated with climate change and various social determinants of health. See above for more information on the HPI.

<https://www.cdph.ca.gov/Programs/OHE/Pages/CC-Health-Vulnerability-Indicators.aspx>

CDPH Climate Change and Health Profile Reports (CHPRs)

The CDPH Climate Change and Health Profile Reports are designed to help counties in California prepare for the health impacts related to climate change through adaptation planning. The reports present projections for county and regional climate impacts, the climate-related health

risks, and local populations that could be vulnerable to climate effects. The information is based on available science compiled from previously published, state-sponsored research and plans.

<https://www.cdph.ca.gov/Programs/OHE/Pages/ClimateHealthProfileReports.aspx>

CDPH Healthy Communities Data and Indicators Project (HCI)

The goal of the HCI is to enhance public health by providing a standardized set of statistical measures, data, and tools that a broad array of sectors can use for planning healthy communities and evaluating the impact of plans, projects, policy, and environmental changes on community health. The Healthy Community Framework identifies 20 key attributes (i.e., "aspirational goals", such as "Safe, sustainable, and affordable transportation options" or "Access to affordable and safe opportunities for physical activity") of a healthy community through all stages of life, clustered in five broad categories (i.e., "domains", such as "Meets the Basic Needs of All" or "Quality and Sustainability of Environment"). HCI data indicators, narratives, and visualizations are found here.

<https://www.cdph.ca.gov/Programs/OHE/Pages/HCI-Search.aspx>

Integrated Transport and Health Impact Model (ITHIM)

The California version of the Integrated Transport and Health Impact Model (ITHIM) is a planning tool that answers the question of "How much benefit or harm to human health can we expect by changing the mix of active and motorized travel across a county, region, or the entire State of California?" ITHIM contrasts one travel pattern that serves as a reference with an alternative that has a different profile of fine particulate air pollution from vehicle exhaust, physical activity from walking and cycling, and injuries from traffic collisions. ITHIM calculates the change in deaths, years of life shortening and disability, and costs due to these changes in air pollution, physical activity, and traffic injuries. Grant applicants are encouraged to reference and utilize ITHIM to assess the health impacts their projects and programs.

<https://skylab.cdph.ca.gov/HealthyMobilityOptionTool-ITHIM/>

Health In All Policies (HiAP) Approach

The California Health in All Policies (HiAP) initiative is a collaborative approach designed to improve the health of Californians by incorporating health, equity, and sustainability considerations into policymaking across sectors. The approach recognizes that chronic illness, climate change, health inequities, and increasing health care costs are interrelated and influenced by policies, programs, and investments across sectors. The initiative provides access to tools, resources and journal articles highlighting Health in All Policies approaches, techniques, and concepts from California and beyond.

<https://sgc.ca.gov/programs/healthandequity/hiap/approach.html>

Active Community Engagement

Sustainable Communities Competitive Grant applications must include an explanation of how local residents and community-based organizations will be meaningfully engaged in developing the final product, especially those from underserved and low-income communities, and how the final product will address community-identified needs. Applicants are encouraged to implement, as applicable and appropriate the tips, best practices, and tools listed below:

Community Engagement Best Practices

- Refer to the following case studies that meaningfully demonstrate the expectations of equitable community engagement:
 - The community driven Carsharing and Mobility Hubs in Affordable Housing Pilots²⁴ offer a strong example of equitable community engagement. The equity-based project incorporated community input from start to finish through community partnership building.
 - The Mobility Equity Framework²⁵ should be used to assess and compare multimodal transportation options and centers community needs and shifts decision making power to the public. For successful implementation examples, refer to: (1) California Air Resources Board (CARB) Clean Mobility Options Program²⁶, (2) City of Portland, Oregon, Pricing Options for Equitable Mobility Project²⁷, and North Carolina's Transit Equity Campaign²⁸.
- Refer to Greenlining Institute's Six Standards for Equitable Investment²⁹ to implement qualitative measures of equity. These standards feature a list of approaches, ranging from the minimum to transformative approach, depending on how much time, resources, and effort are generally required because equity approaches differ in each community context and conditions.
- Refer to Greenlining Institute's Making Equity Real in Mobility³⁰, a toolkit of clear strategies and best practices to put equity in action
- Clarify the type of engagement will be utilized, as seen in the Public Participation Spectrum³¹. Agencies and communities need to understand where engagement level falls from the "inform" to "empower" model.
- Utilize a Participatory Budgeting (PB) planning process, as appropriate. PB is a democratic approach to public spending that meaningfully and deeply engages people in government

²⁴ Carsharing and Mobility Hubs in Affordable Housing Pilots:

<https://greenlining.org/publications/reports/2021/clean-mobility-transportation-equity-report/>

²⁵ Mobility Equity Framework: <https://greenlining.org/publications/2018/mobility-equity-framework/>

²⁶ CARB Clean Mobility Options Program: <https://cleanmobilityoptions.org/about/>

²⁷ Portland, Oregon, Pricing Options for Equitable Mobility Project:

<https://www.portland.gov/transportation/planning/pricing-options-equitable-mobility-poem>

²⁸ North Carolina Transit Equity Campaign: <https://bikedurham.org/transit>

²⁹ Greenlining Institute's Six Standards for Equitable Investment: <https://greenlining.org/wp-content/uploads/2021/03/Clean-Mobility-Equity-A-Playbook-Greenlining-Report-2021.pdf>

³⁰ Greenlining Institute's Making Equity Real in Mobility: https://greenlining.org/wp-content/uploads/2019/08/Toolkit_Making-Equity-Real-in-Mobility-Pilot-Projects_Final-1.pdf

³¹ Public Participation Spectrum:

<https://sustainingcommunity.wordpress.com/2017/02/14/spectrum-of-public-participation/>

and the community. During PB, community members democratically decide how to spend part of a public budget, enabling them to make the fiscal decisions that affect their lives and the health of their communities.

- Seek existing community-based organizations or agencies that organize vulnerable populations, to be able to reach out and form collaborative relationships.
- Involve local health departments which can assist in reaching community-based organizations and underserved and vulnerable community members.
- Collaborate with underserved and vulnerable communities to design and implement programs, plans and policies. Robust engagement of underserved and vulnerable communities in significant agency decisions brings about better decisions through increased input from different perspectives, increases buy-in and acceptance of decisions and support for their implementation.
- Make opportunities for input accessible in terms of formats (pop-up workshops, temporary built-environment demonstrations, online, in public meetings, one on one, by mail, etc.), venues (at school and community events, community centers, libraries, transit hubs, etc.), hours (evening or weekend), and language (accessible to lay people and translated into the principal languages of the relevant communities, including accessible media such as caption videos).
- Develop a written collaboration agreement or memorandum of understanding that defines respective roles, expectations, desired outcomes, and agreements for how to work together.
- Establish an advisory group of representatives of vulnerable communities, including community leaders and give them worthwhile roles to design the public engagement process, so that community capacity is built during the collaboration process.
- Conduct targeted outreach to community groups representing special needs populations, underserved communities and a variety of socio-economic groups through various methods.
- Use a variety of outreach methods to optimize participation, such as creating and marketing user-friendly survey websites for public feedback, conducting surveys in multiple languages to collect input on local citizens' priorities, and carrying out meetings at accessible times and meeting locations (e.g., using community group buildings, hosting pop-up workshops at public venues, etc.).

Note: The applicant should increase efforts beyond basic public noticing and public hearings. Options for demonstrating additional public outreach could include, but not limited to all the above.

Additional Public Engagement Best Practices and Strategies

Public engagement has adapted to the COVID-19 pandemic with surprising results . Applicants will need to consider how to conduct public outreach and engagement during these times. Below are some resources to help applicants evaluate and develop the best strategy for public engagement.

- **Caltrans Planning Horizons, "Digital Public Engagement and Transportation: Getting It Right – Theory, Techniques and Best Practices."**: Digital engagement can greatly increase the reach of public education and involvement; many public agencies have been surprised by the positive results and substantial increase in participants.

<https://youtu.be/85t9ibR2U7Q>

- **The Great Pivot - Public Engagement in the Wake of COVID-19:** Celia McAdam and Natalie Porter of AIM Consulting hosted a WTS seminar where they provided examples and strategies

for public outreach, including diverse and underserved communities, during the COVID-19 pandemic.

<https://youtu.be/k2dPVqhlwvc>

- **Digital Environmental Engagement Resource Catalogue:** The California Natural Resources Agency and the California Environmental Protection Agency developed a resource catalogue of online sessions on community engagement and equity. This resource catalogue comes from the "Online Environmental Engagement: Building Our Skills Together" conference. From June 2nd to 4th 2020, forty-nine panelists and approximately 1,500 registrants from California and across the nation gathered together online to discuss their successes, challenges and practical tips for online environmental engagement.

<https://resources.ca.gov/Outreach/Digital-Environmental-Engagement-Resource-Catalogue>

- **Tips and Tools to Engage Your Community in a Digital Environment:** Ensuring inclusive public participation is more challenging than ever because of physical distancing requirements, the digital divide, language access challenges and technology learning curves. With those challenges in mind, ILG offered a helpful webinar in July 2020, that featured innovative strategies for using high-tech and low-tech virtual platforms to engage residents on a variety of topics without meeting face-to face.

<https://www.ca-ilg.org/digitalengagement>

- **Broadening Participation Using Online Engagement Tools:** This document provides examples and guidance to local governments interested in enhancing public participation outcomes with online engagement tools.

https://www.ca-ilg.org/sites/main/files/file-attachments/broadening_participation_via_online_tools_final_draft_1.pdf

- **The Guide to Remote Community Engagement:** A collection of resources designed to support cities that wish to create and maintain strong, institutionalized practices of community engagement during periods of remote working and in an increasingly digital world. Refer to the article, *5 Methods for Non-Internet Based Remote Community Engagement*, for ideas on how to supplement traditional online public engagement efforts to be inclusive of residents lacking high-speed broadband internet access.

<https://medium.com/the-guide-to-remote-community-engagement>

- **Virtual Public Involvement:** The U.S. Department of Transportation, Federal Highway Administration, developed this innovation spotlight to provide an overview of virtual public involvement tools that enhance and broaden the reach of public engagement efforts by making participation more convenient, affordable, and enjoyable for greater numbers of people.

https://www.fhwa.dot.gov/planning/public_involvement/vpi/

- **Designing Parks Using Community-Based Planning:** This document inspires meaningful community engagement for future public projects. It shares methods learned through California's Statewide Park Development and Community Revitalization Program. These methods have been proven effective in urban, rural, and suburban settings.

https://www.parksforcalifornia.org/planning_guide

Integrated Housing, Land Use, and Transportation Planning

Development patterns directly impact GHG emissions, including those from transportation between jobs, services, and housing. Improved coordination between housing and transportation can reduce commute times, increase transit ridership, lower vehicle miles traveled, lower pollution and GHG, provide greater economic opportunity, and other positive outcomes.

Housing Element Compliance

To support planning for housing California's growing population, the State Department of Housing and Community Development (HCD) reviews each local government's housing element of its general plan.

- The housing element must plan to meet the local government's existing and regional housing needs allocation and quantify and analyze the specific needs and resources available to address the housing needs.
- A housing element can also provide a mechanism to adopt efficient land-use strategies, including those that address climate change and reduce vehicle miles traveled. For example, strategies could include the promotion of affordable higher density, infill development, mixed-use development, or transit-oriented development near transit stations or transit corridors.
- Local governments are required to annually submit progress reports on the implementation of the housing element and provide a detail of production toward their projected housing needs.

For more information on:

- Housing element requirements, see the HCD Building Blocks website at <https://www.hcd.ca.gov/planning-and-community-development/housing-elements/building-blocks>
- Adopted housing element requirements, see the "Housing Element Process" section at <https://www.hcd.ca.gov/planning-and-community-development/housing-elements>
- A local government's housing element compliance, see <https://www.hcd.ca.gov/planning-and-community-development/housing-open-data-tools/housing-element-review-and-compliance-report>
- Annual Progress Reports, see <https://www.hcd.ca.gov/planning-and-community-development/annual-progress-reports>

Prohousing Designation Program

The State 2019-20 Budget Act, Assembly Bill 101 enacted the Prohousing Designation Program (Program), which enables HCD to designate local jurisdictions as Prohousing when they demonstrate policies and planning that accelerate the production of housing. To receive the Prohousing Designation, local jurisdictions must meet basic threshold requirements related to compliance with the Housing Element Law and other state housing laws and demonstrate actions worth at least 30 points spread across each of four categories of Prohousing policies: favorable zoning and land use, acceleration of housing production timeframes, reduction of construction and development costs, and providing financial subsidies. The benefit to local jurisdictions receiving the Prohousing Designation includes being given an advantage such as priority processing or additional points when applying for several competitive funding programs, including:

- Affordable Housing and Sustainable Communities
- Infill Infrastructure Grant
- Transformative Climate Communities
- Transit and Intercity Rail Capital Program

Vehicle Miles Traveled (VMT) reducing policies and the Prohousing Enhancement Factors below help indicate that a project is within a jurisdiction supporting integrated housing, land use, and transportation planning. These policies show that a jurisdiction further supports state housing priorities in promoting affordable housing, reducing development barriers, and reducing vehicle miles travelled.

Prohousing Enhancement Factors include policies that:

- Represent one element of a unified, multi-faceted strategy to promote multiple planning objectives, such as efficient land use, access to public transportation, affordable housing, climate change solutions, and/or hazard mitigation.
- Promote development consistent with the state planning priorities pursuant to Government Code section 65041.1.
- Go beyond state law requirements in reducing displacement of lower income households and conserving existing housing stock that is affordable to lower income households.
- Rezoning and other policies that support high-density development in Location Efficient Communities.

VMT reducing policies may include projects located in jurisdictions that are/have:

- Permitting missing middle housing uses (e.g., triplexes and fourplexes) by right in existing low-density, single-family residential zones.
- With density bonus programs which exceed statutory requirements by 10 percent or more.
- Increasing allowable density in low-density, single-family residential areas beyond the requirements of state Accessory Dwelling Unit law (e.g., permitting more than one ADU or JADU per single-family lot). These policies shall be separate from any qualifying policies under category (ii) above.
- Reducing or eliminating parking requirements for residential development as authorized by Government Code sections 65852.2; adopting vehicular parking ratios that are less than the relevant ratio thresholds at subparagraphs (A), (B), and (C) of Government Code section 65915, subdivision (p)(1); or adopting maximum parking requirements at or less than ratios pursuant to Government Code section 65915, subdivision (p).
- Zoning to allow for residential or mixed uses in one or more non-residential zones (e.g., commercial, light industrial). Qualifying non-residential zones do not include open space or substantially similar zones.
- Modifying development standards and other applicable zoning provisions to promote greater development intensity. Potential areas of focus include floor area ratio; height limits; minimum lot or unit sizes; setbacks; and allowable dwelling units per acre. These policies must be separate from any qualifying policies under Category (ii) above.
- Adopted a Nondiscretionary Local Approval Process for residential and mixed-use development in all zones permitting multifamily housing, established a Workforce Housing Opportunity Zone, as defined in Government Code section 65620, or a housing sustainability district, as defined in Government Code section 66200.
- Zoning more sites for residential development or zoning sites at higher densities than is required to accommodate 150 percent of the minimum regional housing need allocation for the Lower-Income allocation in the current housing element cycle.
- Priority permit processing or reduced plan check times for Accessory Dwelling Units (ADUs)/Junior Accessory Dwelling Units (JADUs), multifamily housing, or homes affordable to Lower- or Moderate-Income households.
- Adopted ordinances or implemented other mechanisms that result in less restrictive requirements than Government Code sections 65852.2 and 65852.22 to reduce barriers for property owners to create ADUs/JADUs. Examples of qualifying policies include, but are not

limited to, development standards improvements, permit processing improvements, dedicated ADU/JADU staff, technical assistance programs, and pre-approved ADU/JADU design packages.

- Measures that reduce costs for transportation-related infrastructure or programs that encourage active modes of transportation or other alternatives to automobiles. Qualifying policies include, but are not limited to, publicly funded programs to expand sidewalks or protect bike/micro-mobility lanes; creation of on-street parking for bikes; transit-related improvements; or establishment of carshare programs.
- Established pre-approved or prototype plans for missing middle housing types (e.g., triplexes and fourplexes) in low-density, single-family residential areas.
- Documented practice of streamlining housing development at the project level, such as by enabling a by-right approval process or by utilizing statutory and categorical exemptions as authorized by applicable law (Pub. Resources Code, sections 21155.1, 21155.4, 21159.24, 21159.25; Gov. Code, section 65457; Cal Code Regs., tit. 14, sections 15303, 15332; Pub. Resources Code, sections 21094.5, 21099, 21155.2, 21159.28).
- Policies that represent one element of a unified, multi-faceted strategy to promote multiple planning objectives, such as efficient land use, access to public transportation, affordable housing, climate change solutions, and/or hazard mitigation.
- Policies that promote development consistent with the state planning priorities pursuant to Government Code section 65041.1.
- Rezoning and other policies that support high-density development in Location Efficient Communities.

For more information on the Prohousing Designation Program, email HCD at ProhousingPolicies@hcd.ca.gov or visit the following HCD websites:

Program Website

<https://www.hcd.ca.gov/planning-and-community-development/prohousing-designation-program>

Prohousing Designation Application Status List

<https://www.hcd.ca.gov/sites/default/files/docs/planning-and-community/Prohousing-Public-Application-Tracker.xlsx>

Prohousing Designation Program FAQs

[hcd.ca.gov/community-development/prohousing/docs/ProhousingFAQ.pdf](https://www.hcd.ca.gov/community-development/prohousing/docs/ProhousingFAQ.pdf)

Promote the Region's RTP SCS/APS, State Planning Priorities, and Climate Adaptation Goals

SB 1 - The Road Repair and Accountability Act of 2017 (Beall, Chapter 5, Statutes of 2017)

The intent of additional Sustainable Communities grant funding, pursuant to SB 1 - The Road Repair and Accountability Act of 2017, is to encourage local and regional planning that furthers state goals, including but not limited to, the goals and best practices cited in the RTP Guidelines. Competitive applications will incorporate these cutting-edge planning practices into their proposed planning projects.

SB 1: https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB1

2017 RTP Guidelines (Appendix K, Page 273; Appendix L, Page 309)

The California Transportation Commission adopted the 2017 RTP Guidelines for RTPAs and 2017 RTP Guidelines for MPOs which includes Appendix K – Promoting Health and Health Equity in MPO RTPs and Appendix L – Planning Practice Examples. These appendices highlight planning practices that are undertaken by large, medium, and small MPOs in both rural and urban areas throughout the State.

<https://catc.ca.gov/-/media/ctc-media/documents/rtp-2017-guidelines-mpos-011817-a11y.pdf>

SB 375 (Steinberg, Chapter 728, Statutes of 2008)

Caltrans supports SB 375 RTP SCS/APS efforts. Successful applications must be compatible with an existing adopted SCS/APS, where applicable, that meets the region's GHG targets, and must strongly support and aim to implement regional SCS/APS efforts. The SCS/APS planning process is intended to help communities reduce transportation related GHG emissions, coordinate land use and transportation planning, and assist local and regional governments in creating sustainable communities for residents throughout the State.

Although most rural areas of the State are not subject to SB 375 SCS/APS requirements, Caltrans still promotes the development of sustainable communities in these areas of the State and efforts to match GHG reduction targets and other goals embodied in SCS/APSs under SB 375. Eligible rural agencies are strongly encouraged to apply for Sustainable Communities Competitive Grants.

Information on SB 375-related planning efforts:

<https://ww2.arb.ca.gov/our-work/topics/sustainable-communities>

SB 375: https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=200720080SB375

Complete Streets and Smart Mobility Framework

In recognition that walking, biking, transit, and passenger rail are integral to our vision of delivering a brighter future for all through a world-class transportation network, Caltrans also supports Complete Streets and the Smart Mobility Framework (SMF). In locations with current and/or future pedestrian, bicycle, or transit needs, Caltrans encourages applicants to consider the tools and techniques contained in the SMF as well as typical components of Complete Streets. Specifically, this might include how the project addresses components of community design, regional accessibility, place types, and priority activities to achieve smart mobility outcomes, community transition, and associated multimodal performance measures for the appropriate context of the problem. Information on these efforts can be found at:

Complete Streets

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/active-transportation-and-complete-streets>

Smart Mobility Framework

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/active-transportation-and-complete-streets/smart-mobility-framework>

Climate Ready Transportation and Climate Adaptation Planning

Through the Grant Program, Caltrans supports the State's broader efforts to help ensure our transportation infrastructure is climate-ready. In order to prioritize these investments, Governor Gavin Newsom signed Executive Order (EO) N-19-19 on September 20, 2019 to redouble the state's "efforts to reduce greenhouse gas emissions and mitigate the impacts of climate change while building a sustainable, inclusive economy." The EO lists California's ambitious and essential climate goals to transition to a healthier, more sustainable and more inclusive economy, including:

- Reducing greenhouse gas emissions 40 percent below 1990 levels by 2030
- Providing 100 percent of the State's electricity from clean energy sources by 2045
- Reducing methane emissions and hydrofluorocarbon gases by 40 percent
- Adding five million zero-emission vehicles to the State's roads by 2030

To help achieve these goals, the EO directs the California State Transportation Agency to leverage over \$5 billion in annual state transportation spending toward transportation construction, operations, and maintenance to lower fuel consumption and greenhouse gas emissions from transportation. This includes strategies for lowering vehicle miles traveled, such as supporting housing development near available jobs, and supporting active modes of transportation such as biking and walking that also benefit public health. The EO specifically requires that the State Transportation Agency also work to mitigate increased transportation costs for low-income communities.

<https://www.gov.ca.gov/wp-content/uploads/2019/09/9.20.19-Climate-EO-N-19-19.pdf>

Integrated Climate Adaptation and Resiliency Program

Senate Bill 246 (Wieckowski, Chapter 606, Statutes of 2015) established the Integrated Climate Adaptation and Resiliency Program (ICARP) within the Governor's Office of Planning and Research to coordinate regional and local efforts with State climate adaptation strategies (Public Resources Code Section 71354). Grant applicants may refer to the ICARP website to explore the State Adaptation Clearinghouse, a centralized source of information and resources to assist decision makers at the state, regional, and local levels when planning for and implementing climate

adaptation projects to promote resiliency across California. Caltrans is coordinating with ICARP staff on the OPR Climate Adaptation Planning Grant Program.

ICARP Website: <https://opr.ca.gov/climate/icarp/>

SB 246: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB246

Adaptation Planning Grants: <https://www.opr.ca.gov/climate/icarp/grants/adaptation-planning-grant.html>

California Adaptation Clearinghouse

The Adaptation Clearinghouse serves as a centralized source of information that provides the resources necessary to guide decision makers at the state, regional, and local levels when planning for and implementing climate adaptation projects to promote resiliency to climate change in California.

<https://resilientca.org/>

ResilientCA Adaptation Planning Map (RAP-Map)

The Integrated Climate Adaptation and Resiliency Program (ICARP)—supported through the Governor's Office of Planning & Research—contains a statewide inventory of local government adaptation and resiliency planning efforts. It is an open data tool, to inventory local government climate risk, adaptation, and resiliency planning efforts across the state and track progress towards statewide adaptation planning goals.

<https://resilientca.org/rap-map/>

Community Climate Resiliency

Grant applicants are encouraged to consider if the surrounding community is experiencing any specific climate vulnerabilities and how the proposed planning project aims to address specific concerns. Grant applicants should also describe how potential climate impacts are taken into consideration in the proposed planning project, such as the incorporation of natural infrastructure, and, if applicable, how the project conforms with the local implementation of SB 379 (Jackson, Statutes of 2015), Government Code Section 65302(g)(4), where cities and counties are required to address climate adaptation and resiliency strategies in the safety element of their general plan.

Defining Vulnerable Communities in an Adaptation Context, OPR Resource Guide

The Governor's Office of Planning and Research, with input from the Integrated Climate Action and Resiliency Program (ICARP) Technical Advisory Council, developed a resource guide for practitioners to use when first considering how to define vulnerable communities in an adaptation context. The document includes: (1) The ICARP Technical Advisory Council's definition of climate-vulnerable communities, (2) A summary of existing statewide assessment tools that can be used to identify vulnerable communities in a climate adaptation context, including a crosswalk with the indicators that are required elements of an SB 1000 (Leyva, Statutes of 2016) analysis; (3) Additional indicators that could be used to assess underlying vulnerability on a case-by-case basis; (4) A list of process guides that can serve to aid agencies undertaking efforts to define vulnerable communities.

<https://opr.ca.gov/climate/icarp/vulnerable-communities.html>

State Guidance for Adaptation Planning **2017 General Plan Guidelines, Safety Element (Ch. 4)**

The General Plan Guidelines set out each statutory requirement in detail, provides OPR recommended policy language, and includes online links to city and county general plans that have adopted similar policies. The guidelines include information on how to consider climate change during general plan development/updates. In accordance with Senate Bill 379, general plans must address climate adaptation and resilience within the Safety element. Local governments are required to include a climate change vulnerability assessment, measures to address vulnerabilities, and a comprehensive hazard mitigation and emergency response strategy.

https://opr.ca.gov/docs/OPR_COMPLETE_7.31.17.pdf

California Climate Adaptation Planning Guide – local/regional agency guidance

The Adaptation Planning Guide provides guidance to support regional and local communities in proactively addressing the unavoidable consequences of climate change. It provides a step-by-step process for local and regional climate vulnerability assessment and adaptation strategy development.

<https://resilientca.org/apg/>

Planning and Investing for a Resilient California – State Agency guidance

Introduces a four-step process for building resilience and a set of resilient decision-making principles for state agencies when considering climate-informed infrastructure investments. These steps include identifying how climate change could affect a project or plan, conducting an analysis of climate risks, making a climate-informed decision, and tracking and monitoring progress.

https://www.opr.ca.gov/docs/20180313-Building_a_Resilient_CA.pdf

Ocean Protection Council Sea-Level Rise Guidance

The State of California Sea-Level Rise Guidance reflects advances in sea-level rise science and addresses the needs of state agencies and local governments as they incorporate sea-level rise into their planning, permitting, and investment decisions.

http://www.opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A OPC_SLR_Guidance-rd3.pdf

California Coastal Commission Sea Level Rise Policy Guidance

This guide provides an overview of the best available science on sea level rise for California and recommended methodology for addressing sea level rise in Coastal Commission planning and regulatory actions.

https://documents.coastal.ca.gov/assets/slr/guidance/2018/0_Full_2018AdoptedSLRGuidanceUpdate.pdf

Coastal Adaptation Planning Guidance for Critical Infrastructure

This guidance from the California Coastal Commission addresses two main types of infrastructure – transportation and water – and presents six key considerations for successful adaptation planning. These considerations are accompanied by recommendations for stakeholders on how to plan effectively for the impacts of sea level rise on coastal infrastructure, a description of the regulatory framework that applies to adaptation planning for infrastructure.

https://documents.coastal.ca.gov/assets/slr/SLR%20Guidance_Critical%20Infrastructure_12.6.2021.pdf

Coastal Adaptation Planning Guidance and Environmental Justice Considerations

The Environmental Justice Policy is the Coastal Commission's framework for identifying and analyzing project impacts on underserved and disadvantaged communities. The policy is designed to achieve more meaningful engagement, equitable process, effective communication and stronger coastal protection benefits for all Californians.

https://documents.coastal.ca.gov/assets/env-justice/CCC_EJ_Policy_FINAL.pdf

Coastal Adaptation Planning Guidance and Tribal Consultation

The Coastal Commission adopted a Tribal Consultation Policy, which is intended to guide outreach and collaboration. It also helps to inform permit applicants how the Commission will review coastal development permit applications to ensure adequate Tribal consultation occurs.

<https://documents.coastal.ca.gov/assets/env-justice/tribal-consultation/CCC%20Tribal%20Consultation%20Policy%20Adopted%208.8.2018.pdf>

Climate Data Sources and Adaptation Plans

Cal-Adapt

Cal-Adapt is the repository for State-endorsed climate change projections, developed through the State's Climate Change Assessment efforts. Cal-Adapt offers free public access to peer-reviewed data that show climate change impacts on state infrastructure, communities, and natural resources. Find tools, data, and resources to conduct research, develop adaptation plans and build applications.

<https://cal-adapt.org/>

Climate Action Plans

Many California cities and counties are developing Climate Action Plans to reduce their GHG emissions. Agencies may have existing plans that include strategies or insight on potential approaches to implementing climate change considerations on the transportation network. CARB has created a webmap that can be used to identify plans created, GHG inventory information, GHG reduction targets, local strategies planned to meet these targets, and more. The second website provides a host of resources, including example Climate Action Plans and templates. This information can also be found on the Adaptation Clearinghouse.

<https://webmaps.arb.ca.gov/capmap/>
<http://www.ca-ilg.org/climate-action-plans>

Caltrans Vulnerability Assessments

To ensure the resiliency of the State Highway System, Caltrans conducted vulnerability assessments statewide. These Summary Reports and associated Technical Reports describe climate change effects in each of Caltrans' 12 districts.

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/air-quality-and-climate-change/2019-climate-change-vulnerability-assessments>.

Local Vulnerability Assessments

If local vulnerability assessments have been developed along a corridor, their data may be interwoven with Cal-Adapt data, Caltrans Climate Change Vulnerability Assessments, and/or other vulnerability information for more granular analysis of specific local areas, particularly those in more densely populated areas or with a high density of affected transportation assets. Many of these assessments and case studies can be found on the Integrated Climate Action and Resiliency Program (ICARP) Case Studies and Examples search page (<https://resilientca.org>). Some transit

and rail providers in California have also developed vulnerability assessments for their 21 networks as well, which may contain detailed analysis that could be useful.

Caltrans Climate Change Adaptation Strategy Report

Through this report, Caltrans is aiming to adopt a leadership role in the process of climate change adaptation through developing a “how to” guide for integrating climate change adaptation into agency activities and decision-making. This Adaptation Strategy Report initially outlines an overall “pathway” for adopting recommendations on how Caltrans should mainstream adaptation strategies throughout functional areas and develop an approach to coordinate with partner agencies. Recognizing the important role of transit and active transportation facilities and routes, this report will develop solutions for all modes of transportation. This report also has a section focused on the incorporation of climate change considerations into System Planning documents.

https://transplanning.onramp.dot.ca.gov/downloads/transplanning/files/suscommplan/Climate%20Adaptation%20Report_May_2020.pdf

Other Relevant Datasets for Climate Planning

Protecting Californians from Extreme Heat: A State Action Plan to Build Community Resilience

A plan that outlines a strategic and comprehensive set of state actions to address extreme heat.

<https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Climate-Resilience/2022-Final-Extreme-Heat-Action-Plan.pdf>

California Water Action Plan

A roadmap for the first five years of the state's journey toward sustainable water management.

http://resources.ca.gov/docs/california_water_action_plan/Final_California_Water_Action_Plan.pdf

CALFIRE Fire Hazard Severity Zones

CALFIRE has mapped areas of significant fire hazards based on fuels, terrain, weather, and other factors, forming wildfire severity zones. There are three levels of hazard in the State Responsibility Areas: moderate, high, and very high. This analysis can provide further understanding of wildfire risk at the potential project location.

<https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/>

California Department of Conservation – Landslide Hazards

The California Landslide Inventory is an ongoing project to make the California Geological Survey landslide information publicly accessible.

http://www.conservation.ca.gov/cgs/geologic_hazards/landslides

State Wildlife Action Plan

The State Wildlife Action Plan includes conservation actions that respond to current and future challenges with objectives and goals that are specific, measurable, and time bound.

<https://www.wildlife.ca.gov/SWAP/Final>

CDFW Regional Conservation Investment Strategies

This program encourages a voluntary, non-regulatory regional planning process intended to result in higher-quality conservation outcomes and includes an advance mitigation tool. The Program

uses a science-based approach to identify conservation and enhancement opportunities that, if implemented, will help California's declining and vulnerable species by protecting, creating, restoring, and reconnecting habitat and may contribute to species recovery and adaptation to climate change and resiliency.

<https://www.wildlife.ca.gov/conservation/planning/regional-conservation>

CDFW Natural Communities Conservation Plans

A Natural Communities Conservation Plan identifies and provides for the regional protection of plants, animals, and their habitats, while allowing compatible and appropriate economic activity.

<https://www.wildlife.ca.gov/conservation/planning/nccp>

California Sustainable Freight Action Plan

In July 2015, Governor Edmund G. Brown Jr. issued Executive Order B-32-15, which provides a vision for California's transition to a more efficient transport system. This transition of California's freight transport system is essential to supporting the State's economic development in coming decades while reducing harmful pollution affecting many California communities. As a key first step, the Governor's Executive Order directs the California State Transportation Agency, California Environmental Protection Agency, Natural Resources Agency, California Air Resources Board, California Department of Transportation, California Energy Commission, and Governor's Office of Business and Economic Development to develop a California Sustainable Freight Action Plan (Action Plan), by July 2016. This Action Plan is an unprecedented effort, intended to integrate investments, policies, and programs across several State agencies to help realize a singular vision for California's freight transport system. The Action Plan provides a recommendation on a high-level vision and broad direction to the Governor to consider for State agencies to utilize when developing specific investments, policies, and programs related to the freight transport system that serves our state transportation, environmental, and economic interests. Competitive grant applications will highlight how their planning effort will support this Action Plan.

<https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/strategic-freight-planning>

APPENDIX B. SAMPLE APPLICATION PACKAGE

The Grant Application Guide and all fillable application documents can be found on the Sustainable Transportation Planning Grant website.

- Application Checklist, Cover Sheet, and Signature Page
- Application Narratives for Sustainable Communities, Climate Adaptation Planning, and Strategic Partnerships
- Scope of Work and Checklist
- Cost and Schedule and Checklist
- Third-Party In-Kind Valuation Plan and Checklist
- Local Resolution and Checklist

Application Checklist

The following documents are required and must be submitted via Smartsheet in one single PDF document, not to exceed 25 MB. The Signature Page may be submitted separately if there are issues combining with the single PDF document. Keep the file name brief, as files are corrupted when file names are too long. Refer to the Grant Application Guide for additional information and/or samples. Failure to include any of the required documents will result in a reduced application score.

PDF documents should be submitted in their fillable PDF formats. The original file formats will be required upon grant award.

Required Application Documents	
(✓)	Ensure these items are completed prior to submitting to Caltrans via Smartsheet
	Application Cover Sheet (complete in Smartsheet and submit with single PDF document)
	Signature Page (Electronic signatures accepted; may submit as a separate file if there are issues with combining with single PDF document)
	Application Narrative
	Scope of Work
	Cost and Schedule
	Third Party In-Kind Valuation Plan (if applicable, required upon award)
	Map of Project Area
Supplemental Documentation (not required)	
	Graphics of Project Area (when applicable)
	Letter(s) of support
	Data



Sustainable Transportation Planning Grant Program

GRANT APPLICATION COVER SHEET

PART A. APPLICATION INFORMATION

FY 2024-25

Grant Category (select only one)

Climate Adaptation (MPOs, RTPAs, Transit Agencies, Cities, Counties, Tribes, other Public Transportation Planning Entities)

11.47% Local Match requirement (Not Applicable to Native American Tribal Governments)

Sustainable Communities (MPOs with sub-applicant, RTPAs, Transit Agencies, Cities, Counties, Tribes, other Public Transportation Planning Entities)

Strategic Partnerships (MPOs and RTPAs only)

Sustainable Communities Competitive
(11.47% Local Match requirement)

Strategic Partnerships (FHWA SPR Part I)
(20% Local Match requirement)

Sustainable Communities Competitive Technical
(11.47% Local Match requirement)

Strategic Partnerships Transit (FTA 5304)
(11.47% Local Match requirement)

Application Submittal Type (more than one may be selected)

New

Prior Phases

Re-Submittal

New
Application

Continuation of a prior project.
If so, list the Grant FY and project
title below.

Re-submittal from a prior grant cycle.

How many times has an application been
submitted for this project, including this one?

PART B. PROJECT INFORMATION

Project Title and Location

Project Title

Project Location
(City)

Project Location
(County)

Funding Information

1. Is the applicant proposing to meet the minimum local match requirement or an over-match? Use the Match Calculator to determine the appropriate match. [Match Calculator](#)

☐ Minimum Local Match ☐ Over-Match

2. What is the source of Local Match funds being used?

(MPOs – Federal Toll Credits, PL, and FTA 5303 cannot be used to match Sustainable Communities Competitive or Adaptation Planning grants)

☐ Local Transportation Funds ☐ Local Sales Tax ☐ Special Bond Measures

☐ Other, specify:

Grant Funds
Requested

Local Match
(Cash)

Local Match
(In-Kind)

Total
Local Match

%
Local Match

Total
Project Cost

\$

\$

\$

\$

\$



Sustainable Transportation Planning Grant Program

GRANT APPLICATION COVER SHEET

PART B. PROJECT INFORMATION (CONTINUED)

Project Description (3-5 Sentences Max.)

Insert Application
 Narrative:
 1. Project Description

Project Type

Choose the Project Type that best represents the focus of the proposed project. See Grant Application Guide for examples. Two max. may be selected.

- ☐ Active Transportation (Bicycle and Pedestrian)
- ☐ Climate Change (Infrastructure Adaptation, Vulnerability and Resiliency)
- ☐ Complete Streets (Multimodal specific type)
- ☐ Corridor (Local Streets or Highways)
- ☐ Freight/Goods Movement
- ☐ General Plan-Related (Circulation Element, Land Use Element, Specific Plan)
- ☐ Multimodal (Motorized and Active Transportation)
- ☐ Safety (Vision Zero, Safe Routes to Schools)
- ☐ Technical (Modeling, VMT Mitigation, ZEV Infrastructure, ZEB Transition, etc.)
- ☐ Transit (Bus, Light Rail, and Commuter Rail Service)
- ☐ Other, specify:

Underserved Community Definitions

If applicable to the project, what tools were used to identify the underserved communities in the project area? Choose all that apply.

- ☐ Rural Communities of 50,000 or less and outside of urbanized areas
- ☐ Native American Tribal Governments
- ☐ Regionally/Locally Defined Underserved Communities
- ☐ At/Below 80% Assembly Bill 1550 (Comez, Statutes of 2016)
- ☐ At/Above 75% California Department of Education, Free or Reduced Priced Meals Data
- ☐ At/Above 75% CalEnviroScreen Version 4.0
- ☐ At/Below 25% California Healthy Places Index

 Sustainable Transportation Planning Grant Program
 GRANT APPLICATION COVER SHEET

PART C. CONTACT INFORMATION*

	Primary Applicant	Sub-Applicant	Sub-Applicant
Organization (Legal name)			
Dept./Division			
Street Address			
City			
Zip Code			
Phone Number			
Executive Director Name			
Title			
Executive Director E-mail			
Financial Manager Name			
Title			
Financial Manager E-mail			
Contact Person Name			
Title			
Contact Phone Number			
Contact E-mail			

*Use additional pages if necessary.



Sustainable Transportation Planning Grant Program
GRANT APPLICATION COVER SHEET

PART D. COMPLIANT HOUSING ELEMENT

City/County Primary/Sub-Applicants for Sustainable Communities Grants	Yes	No
Does the City/County have a compliant Housing Element? If No, explain the current status:		
Has the City/County submitted Annual Progress Report to the California Department of Housing and Community Development for calendar years 2021 and 2022?		

PART E. OTHER FUNDING PROGRAMS

Applicants may leverage other program funds for this planning grant, as long as the activities are eligible.			
	Yes	No	N/A
Is the applicant applying for the Governor's Office of Planning and Research (OPR) Climate Adaptation Planning Grant Program? Applicants should not submit the same project application to both funding programs. However, applicants may propose to leverage funds from one funding program to another. For instance, an applicant with a large project may propose to fund one component with Caltrans funds, and another with OPR funds. Applicants may also propose two entirely different projects to each funding program. If yes, identify the differences between each proposal, and briefly summarize the leverage opportunity if awarded both Caltrans and OPR funding:			
Is the applicant applying for any other funding programs to complete this project? If yes, list them here:			



Sustainable Transportation Planning Grant Program
GRANT APPLICATION COVER SHEET

PART F. LEGISLATIVE INFORMATION

Use the following link to determine the appropriate legislative members in the Project area.

Search by address: <http://findyourrep.legislature.ca.gov/>

State Senator(s)		Assembly Member(s)	
District	Name	District	Name

PART G. LETTERS OF SUPPORT

List all letters of support received for the proposed project. Letters should be addressed to the applicant.

Name/Agency	Name/Agency



Sustainable Transportation Planning Grant Program
GRANT APPLICATION SIGNATURE PAGE

If selected for funding, the information contained in this application will become the foundation of the contract with Caltrans.

To the best of my knowledge, all information contained in this application is true and correct. If awarded a grant with Caltrans, I agree that I will adhere to the program guidelines.

Applicant			
Authorized Official (Applicant)			
Print Full Name			
Title			
Signature		Date	
Sub-Applicant(s)*			
Authorized Official (Sub-Applicant)			
Print Full Name			
Title			
Signature		Date	
Authorized Official (Sub-Applicant)			
Print Full Name			
Title			
Signature		Date	
Authorized Official (Sub-Applicant)			
Print Full Name			
Title			
Signature		Date	

*Use additional pages if necessary.



Sustainable Transportation Planning Grant Program
SUSTAINABLE COMMUNITIES - GRANT APPLICATION
NARRATIVE

PART H. APPLICATION NARRATIVE

FY 2024-25

Project Information

Organization (Legal name)	
Project Title	
Project Area Boundaries	
Project Timeframe (Start and End Dates)	

Do not alter application format and font size 10

Application Narrative

1. Project Description (10 points)

Briefly summarize project in a clear and concise manner, including why the project is necessary, major deliverables, parties involved, and any connections to relevant local, regional, and/or State planning efforts. **3-5 sentences maximum; Do not exceed the space provided.**

2A. Project Justification (15 points)

- Describe the problems or deficiencies the project is attempting to address, as well as how the project will address the identified problems or deficiencies
- Describe the ramifications and impact of not funding this project
- Clearly define the existing issues surrounding the project (e.g., transportation issues, inadequate transit services, impacts of heavy trucking on local streets, air pollution, etc.)
- Competitive applications support the need for the project with empirical data
- Describe how this project addresses issues raised
- Define the public benefit
- Explain how the public was involved with identifying issues
- **Do not exceed the space provided**



Sustainable Transportation Planning Grant Program
SUSTAINABLE COMMUNITIES - GRANT APPLICATION
NARRATIVE

2B. Underserved Communities Justification (5 points)

The tools in Grant Application Guide, Appendix A, are intended to help applicants define an underserved community.

- Explain how the project area or portions of the project area are defined as an underserved community, including Native American Tribal Governments and rural communities
- Explain how the proposed project addresses the needs of the underserved community
- Describe how underserved communities will benefit from the proposed planning project
- Cite data sources, the tools used, and include a comparison to the statewide thresholds that are established in each tool
- **Do not exceed the space provided**

2C. Underserved Communities Engagement (5 points)

See Grant Application Guide, Appendix A, for best practices in community engagement

- Describe how the proposed effort would engage underserved communities, including Native American Tribal Governments and rural communities. Include specific outreach methods for involving underserved communities
- Describe how underserved communities will continue to be engaged during the next phases after the proposed planning project is complete, including project implementation.
- **Do not exceed the space provided**

3. Grant Specific Objectives (Total 35 points)

Integrate the following Grant Program Considerations (Grant Application Guide, Chapter 1.2) in the responses for 3A-G below, as applicable:

- Caltrans Strategic Plan
- California Transportation Plan (CTP)
- Modal Plans that Support the CTP
- Title VI and Environmental Justice
- Climate Action Plan for Transportation Infrastructure
- California Adaptation Strategy
- Master Plan for Aging



Sustainable Transportation Planning Grant Program

SUSTAINABLE COMMUNITIES - GRANT APPLICATION NARRATIVE

3A. Grant Specific Objectives (5 points)

- Explain how the proposal encourages local and regional multimodal transportation, housing and land use planning that furthers the region's RTP SCS (where applicable)
- Demonstrate how the proposed effort would coordinate transportation, housing, and land use planning components of the project to inform one another (i.e., regular coordination meetings between responsible entities, joint community meetings, letters of commitment from all relevant implementing agencies, etc.)
- Explain how the proposed effort would contribute to shifts in land use towards more sustainable and equitable communities, such as more affordable housing near transit or more compact regional development patterns (Reference Grant Application Guide, Chapter 2.2, for example project types)
- **Do not exceed the space provided**

3B. Grant Specific Objectives (5 points)

- Explain how the proposal contributes to the State's GHG reduction targets and advances transportation related GHG emission reduction project types/strategies (i.e., mode shift, demand management, travel cost, operational efficiency, accessibility, and coordination with future employment and residential land use, etc.)
- **Do not exceed the space provided**

3C. Grant Specific Objectives (5 points)

- Explain how the proposal supports other State goals, including but not limited to:
 - State Planning Priorities (Government Code Section 65041.1)
 - Climate Adaptation Goals (State Adaptation Strategy)
 - Goals and Best Practices cited in the 2017 RTP Guidelines, Appendices K and L.
- **Do not exceed the space provided**

3D. Grant Specific Objectives (5 points)

- Explain how the proposal encourages stakeholder involvement
 - List the stakeholders involved in the planning effort (e.g., first responders, community-based organizations, local housing and public health departments, transit agencies, and partners including State, federal, local agencies)
 - Explain how stakeholders will be involved throughout the project
- **Do not exceed the space provided**



Sustainable Transportation Planning Grant Program
SUSTAINABLE COMMUNITIES - GRANT APPLICATION
NARRATIVE

3E. Grant Specific Objectives (5 points) • Explain how the proposal involves active community engagement • Describe the specific public outreach methods/events that will be employed throughout the project • Explain how public input will inform the project • Describe how the effort will survey the public at the end of each outreach event to gauge effectiveness of these activities for the planning effort • Do not exceed the space provided
3F. Grant Specific Objectives (5 points) • Explain how the proposal assists in achieving the Caltrans Mission and Grant Program Objectives (Grant Application Guide, Chapter 1.2) ◦ Sustainability, Preservation, Accessibility, Safety, Innovation, Economy, Health, and Social Equity, as applicable • Do not exceed the space provided
3G. Grant Specific Objectives (5 points) • Explain how the proposal ultimately results in funded and programmed multimodal transportation system improvements. Applicants should discuss next steps for project implementation, including timing for programming improvements that would result from the planning effort • Do not exceed the space provided
4. Project Management (Total 30 points) See Scope of Work and Cost and Schedule samples and checklists for requirements (Grant Application Guide, Appendix B), also available on the Caltrans grants website: https://dot.ca.gov/programs/transportation-planning/regional-planning/sustainable-transportation-planning-grants
4A. Scope of Work (15 points)
4B. Cost and Schedule (15 points)



Sustainable Transportation Planning Grant Program

CLIMATE ADAPTATION PLANNING - GRANT APPLICATION NARRATIVE

PART G. APPLICATION NARRATIVE

FY 2024-25

Project Information

Organization (legal name)	
Project Title	
Project Area Boundaries	
Project Timeframe (Start and End Dates):	

Application Narrative

1. Project Description (5 points)

Briefly summarize project in a clear and concise manner, including why the project is necessary, major deliverables, desired outcomes, parties involved, and alignment with relevant local, regional, and/or State planning efforts. 3-5 sentences maximum; Do not exceed the space provided.

2A. Project Justification (10 points)

- Describe the problem or deficiencies the project is attempting to address, including the climate adaptation need and any other priority needs, as well as how the project will address the identified problems or deficiencies
- Describe the impact of not funding the project
- Describe the public benefits
- Do not exceed the space provided

2B. Underserved Communities Justification (5 points)

The tools in the Grant Application Guide, Appendix A, are intended to help applicants define an underserved community.

- Explain how the project area or portions of the project area benefit underserved communities, including Tribal, local, regional, and rural communities as applicable
- Explain how the proposed project addresses the needs of the communities and how they will benefit from the proposed project, including if the communities informed the scope of the project
- Cite data sources, the tools used, and include a comparison to the statewide thresholds that are established in each tool
- Do not exceed the space provided



Sustainable Transportation Planning Grant Program

CLIMATE ADAPTATION PLANNING - GRANT APPLICATION NARRATIVE

2C. Underserved Communities Engagement (5 points)

See Grant Application Guide, Appendix A. for best practices in community engagement

- Describe how the proposed project will engage underserved communities and how the effort was informed by engagement with underserved communities, including Tribal, local, regional, and rural communities as applicable
 - Include specific outreach methods for involving underserved communities
- Describe how underserved communities will continue to be engaged during the next phases after the proposed planning project is complete, including implementation
- Do not exceed the space provided

3. Grant Specific Objectives (Total 40 points)

Integrate the following Grant Program Considerations (Grant Application Guide, Chapter 1.2) in the responses for 3A-D below, as applicable:

- Caltrans Strategic Plan
- California Transportation Plan (CTP)
- Modal Plans that Support the CTP
- Title VI and Environmental Justice
- Climate Action Plan for Transportation Infrastructure
- California Adaptation Strategy
- Master Plan for Aging

3A. Grant Specific Objectives: climate risk and adaptation (15 points)

- Explain how the project identifies and assesses climate change impact risks to multimodal transportation infrastructure vulnerabilities to climate change impacts in the project area
- Explain how the project will identify adaptation strategies and specific actions to remedy identified climate related vulnerabilities. Projects and plans should describe short-, medium-, and long-term strategies that will address the overall risk for the entire service life of the asset or capital project using the best available science and guidance.
- Articulate how the project will advance the planning of specific climate adaptation projects, such as developing a cost estimate, pursuing a technical feasibility study for adaptation options, or developing a conceptual design (up to 30%)
- When applicable, explain how the project includes economic analysis and/or cost-benefit analysis of identified adaptation strategy or strategies
- Do not exceed the space provided



Sustainable Transportation Planning Grant Program

CLIMATE ADAPTATION PLANNING - GRANT APPLICATION NARRATIVE

3B. Grant Specific Objectives; co-benefits (10 points)

- Identify co-benefits of the adaptation work, such as benefits to public health, natural ecosystems, air quality, social equity, the economy, or reductions in greenhouse gas (GHG) emissions.
 - If reductions in GHG emissions are identified as a co-benefit, explain how the project advances transportation related GHG emission reductions specifically through different project types/strategies (e.g., mode shift, demand management, accessibility, etc.)
- Describe if and how nature-based solutions will be integrated into the proposed project
- Describe how adaptation needs of environmental resources in proximity to the transportation system such as coastal resources like tidal marsh or beaches, wildlife connectivity, wetlands, or fish passage needs are considered in the proposed project (if applicable)
- Do not exceed the space provided

3C. Grant Specific Objectives; partnerships and stakeholder process (10 points)

- Explain how the project demonstrates on-going collaboration and partnerships between sectors and jurisdictions, and across levels of government at a regional scale
- Explain if the project also includes collaboration and partnerships with diverse external stakeholders such as businesses, non-governmental agencies, federal, state, or local agencies, community-based organizations, and community residents
- Explain how the project includes a multistakeholder process that provides an opportunity for meaningful community engagement from communities potentially impacted by any project identified or developed as part of the planning grant

Do not exceed the space provided

3D. Grant Specific Objectives; alignment with other plans and State Goals (10 points)

- Explain how the project is consistent with priorities, goals, and actions of the California State Adaptation Strategy, follows State guidance on adaptation planning, and is consistent with any applicable local/regional resilience planning.
- Articulate if the project will identify ways to incorporate transportation-related climate adaptation needs into existing transportation plans, specifically how the project will lead to the identification and development of capital projects that can be programmed as part of local or regional plans
- Explain how the project is in alignment with or augments existing plans, including climate action/adaptation plans, hazard mitigation plans, safety elements of general plans, resilience improvement plans, and/or Coastal Act/Certified Local Coastal Program plans
- Explain how the proposed project addresses public access and Complete Streets needs
- Do not exceed the space provided

4. Project Management (Total 30 points)

See Scope of Work and Cost and Schedule samples and checklists for requirements (Grant Application Guide, Appendix B), also available on the Caltrans grants website:
<https://dot.ca.gov/programs/transportation-planning/regional-planning/sustainable-transportation-planning-grants>



Sustainable Transportation Planning Grant Program
CLIMATE ADAPTATION PLANNING - GRANT APPLICATION
NARRATIVE

4A. Scope of Work (15 points)
4B. Cost and Schedule (15 points)



Sustainable Transportation Planning Grant Program
STRATEGIC PARTNERSHIPS - GRANT APPLICATION NARRATIVE

PART H. APPLICATION NARRATIVE		FY 2024-25
Project Information		
Organization (Legal name)		
Project Title		
Project Area Boundaries		
Project Timeframe (Start and End Dates)		
Do not alter application format and font size 10		
Application Narrative		
1. Project Description (10 points) Briefly summarize the project in a clear and concise manner, including why the project is necessary, major deliverables, parties involved, and any connections to relevant local, regional, and/or State planning efforts. 3-5 sentences maximum; Do not exceed the space provided.		
2. Project Justification (30 points) - Describe the problems or deficiencies the project is attempting to address, as well as how the project will address the identified problems or deficiencies - Describe the ramifications and impact of not funding this project - Clearly define the existing issues surrounding the project (e.g., transportation issues, in-adequate transit services, impacts of heavy trucking on local streets, air pollution, etc.) - Competitive applications support the need for the project with empirical data - Describe how this project addresses issues raised Do not exceed the space provided		



Sustainable Transportation Planning Grant Program

STRATEGIC PARTNERSHIPS - GRANT APPLICATION NARRATIVE

3. Grant Specific Objectives (Total 20 points)

Integrate the following Grant Program Considerations (Grant Application Guide, Chapter 1.2) in the responses for 3A-3D below, as applicable:

- Caltrans Strategic Plan
- California Transportation Plan (CTP) 2050
- Modal Plans that Support the CTP 2050
- Title VI and Environmental Justice
- Climate Action Plan for Transportation Infrastructure
- California Adaptation Strategy
- Master Plan for Aging

3A. Grant Specific Objectives (5 points)

- List and explain how the proposal would accomplish the Federal Planning Factors (Grant Application Guide, Chapter 5.2), achieve the Caltrans Mission and the Grant Program Objectives (Grant Application Guide, Chapter 1.2.)
- **Do not exceed the space provided**

3B. Grant Specific Objectives (5 points)

- Explain how the proposal partners with Caltrans to identify and address statewide, interregional, or regional transportation deficiencies in the State Highway System (or multimodal transportation system for transit-focused projects)
- Clearly define how Caltrans will be a partner in the proposed project, as appropriate for the project
- **Do not exceed the space provided**

3C. Grant Specific Objectives (5 points)

- Explain how the proposal strengthens government-to-government relationships
- Outline the entities involved with the proposed project and how partnerships will be strengthened as a result
- **Do not exceed the space provided**

3D. Grant Specific Objectives (5 points)

- Explain how the proposal results in programmed system improvements
- Discuss next steps for project implementation, including timing for programming improvements that would result from the planning effort
- **Do not exceed the space provided**



Sustainable Transportation Planning Grant Program

STRATEGIC PARTNERSHIPS - GRANT APPLICATION NARRATIVE

4. Project Management (Total 40 points)

See Scope of Work and Cost and Schedule samples and checklists for requirements (Grant Application Guide, Appendix B), also available on the Caltrans grants website, <https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants>

4A. Scope of Work (20 points)

4B. Cost and Schedule (20 points)

Scope of Work Checklist

The Scope of Work (SOW) is the official description of the work that is to be completed during the contract. Tasks 1-6 outlined in the SOW are for illustrative purposes only.

Applications with missing components will be at a competitive disadvantage. Please use this checklist to make sure your Scope of Work is complete.

Scope of Work Checklist	
(✓)	Ensure these items are completed prior to submitting to Caltrans
	Use the Fiscal Year 2024-25 template provided
	Include the activities discussed in the grant application
	List all tasks using the same title as stated in the Project Cost and Schedule
	Include task numbers in accurate and proper sequencing, consistent with the Cost and Schedule
	Exclude sub-task numbers; only include sub-headings
	Exclude tasks for project management and/or staff/consultant coordination; these activities should be spread among relevant tasks
	Include a thorough Introduction to describe relevant background, related planning efforts, the project and project area demographics, including a description of the underserved community involved with the project, if applicable
	Include a thorough and accurate narrative description of each task
	Task 01 is a required task. It must be titled "Project Administration", it cannot exceed 5% of the grant award amount, and only the grantee and sub-recipient(s) can charge against this Task. This Task must only include the following activities and deliverables: • Caltrans and grantee Project kick-off meeting at the start of the grant • Invoicing and quarterly reporting to Caltrans • DBE Reporting (federal grants only)
	Include Task 02 for the procurement of a consultant (if needed). This task is for the <u>grantee and sub-recipient(s) only</u> .
	Include detailed public participation and services to diverse communities in the Public Outreach Task (excluding technical projects)
	Identify public outreach strategies in a manner that provides flexibility and allows for a diverse range of outreach methods (both in-person and on-line), excluding technical projects
	Include a Task(s) for a Draft and Final product. The draft plan must include an opportunity for the public to provide feedback (excluding technical projects).
	Include a summary of next steps your agency will take towards implementing the project in the Final Product
	List achievable project deliverables for each Task
	EXCLUDE environmental, complex design, engineering work, and other ineligible activities outlined in the Grant Application Guide

SCOPE OF WORK

Project Information	
Grant Category	
Grant Fiscal Year	
Project Title	
Organization (Legal name)	

Disclaimer

Agency commits to the Scope of Work below. Any changes will need to be approved by Caltrans prior to initiating any Scope of Work change or amendment.

Introduction

[Provide a detailed summary of the grant project. Include a thorough Introduction to describe relevant background, related planning efforts, the project and project area demographics, including a description of the underserved community involved with the project, if applicable]

Project Stakeholders

[Provide a detailed summary of who the Project Stakeholders are. Will a consultant be working on the project? If so, what activities/tasks will they be involved with?]

Overall Project Objectives

[Provide a detailed summary of the Overall Project Objectives]

Summary of Project Tasks

[Project Management activities must be identified within the task they are occur and not as standalone tasks.]

Task 01: Project Administration

This is an Administrative Task that shall only be charged against by the Grantee for the Administration of this grant project. Costs for this task cannot exceed 5% of the grant award amount.

Grantee will manage and administer the grant project according to the Grant Application Guidelines, Regional Planning Handbook, and the executed grant contract between Caltrans and the grantee.

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[The following are the only allowable deliverables for this Task. This Task is not for the management of the consultant or meetings between the grantee and the consultant]

Kick-off meeting with Caltrans - Meeting Notes, quarterly invoices and progress reports, DBE reporting (federal Grants only).

Task 02: Consultant Procurement

[Provide a detailed narrative of activities to be completed in this Task]

Grantee will procure a consultant, consistent with state and federal requirements, Local Assistance Procedures Manual for procuring non-Architectural and Engineering consultants, the Grant Application Guide, Regional Planning Handbook, and the executed grant contract between Caltrans and the grantee.

Task Deliverables
[List achievable deliverables for this Task]
Examples: Grantees current procurement procedures, copy of the Request for Proposal/Qualifications, copy of the contract between consultant and grantee, copies of all amendments to the consultant contract, meeting notes from project kick-off with consultant

Task 1: Existing Conditions

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]
Examples: Summary of Existing Conditions

Task 3: Analysis

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]
Examples: Summary of Analysis

Task 4: Public Outreach

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]

Examples: PowerPoint Presentations, flyers, website announcements, sign-in sheets, community surveys, conceptual drawings, bilingual services, receipts for light snacks (Caltrans approval required prior to purchase. No full meals)

Task 5: Advisory Committee Meetings

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]
Examples: Agendas, meeting notes, list of attendees, list of action items

Task 6: Draft and Final Plan

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]
Examples: Draft Plan, Public Review – list of comments, Final Plan that includes a summary of next steps towards implementation, credits FHWA, FTA, and/or Caltrans on the cover or title page, submitted to Caltrans in an ADA accessible electronic copy.

Task 7: Board Review/Approval

[Provide a detailed narrative of activities to be completed in this Task]

Task Deliverables
[List achievable deliverables for this Task]
Examples: Board Agenda, presentation materials, meeting minutes with board acceptance/approval.

Cost and Schedule Checklist

The Cost and Schedule is the official budget and timeline for the project. Tasks 1-6 outlined in the Cost and Schedule are for illustrative purposes only. **The Cost and Schedule must be consistent with the Grant Application Cover Sheet. Applications with missing components will be at a competitive disadvantage.**

Cost and Schedule Checklist	
(✓) Ensure these items are completed prior to submitting to Caltrans	
	Use the Fiscal Year 2024-25 template provided (do not alter the template)
	List all tasks with the same title as stated in the Scope of Work
	Include task numbers in proper sequencing, consistent with the Scope of Work
	Exclude sub-task numbers and sub-headings
	Exclude tasks for project management and/or staff/consultant coordination; these activities should be spread among relevant tasks
	Task 01 is a required task. It must be titled "Project Administration", it cannot exceed 5% of the grant amount requested, and only the grantee and recipient(s) can charge against this Task. This Task must only include the following activities and deliverables: • Project kick-off meeting between the grantee and Caltrans at the start of the grant • Invoicing and quarterly reporting to Caltrans • DBE Reporting (federal grants only)
	Include Task 02 for procurement of consultants, if consultants are needed. This task is for the <u>grantee and sub-recipient(s) only</u> .
	Complete all budget columns as appropriate: Total Cost, Grant Amount, Local Cash Match, and if applicable, Local In-Kind Match
	Ensure the correct minimum local match amount, calculated as a percentage of the total project cost (grant plus local match), is provided
	Use the Local Match Calculator to ensure the total Local Match amount meets the minimum required Local Match for the specified Grant Category
	Include a grant amount for each Task (excluding Tasks 01 and 02)
	Identify if a Tapered Local Match approach will be used, which allows grantees to vary the required local match ratio over the life of the grant contract. Grantee agrees to satisfy the total local match amount by the contract expiration date.
	Identify the estimated indirect cost rate if indirect costs will be reimbursed. If FY 2023-24 indirect cost rates are not available, the rate will be an estimate based on the currently approved rate.
	Include a best estimate of the amount of time needed to complete each task
	State a realistic total cost for each task based on the work that will be completed
	Use only whole dollars in the financial information fields. No rounding up or down and no cents.
	Start the timeframe at the beginning of the grant period (November 2024)
	Extend the timeframe to the end of the grant period (June 2027)

[illegible]

Third Party In-Kind Valuation Plan Checklist

The Third Party In-Kind Valuation Plan is an itemized breakdown by task and serves as documentation for the goods and/or services to be donated. The Third Party In-Kind Valuation Plan must be consistent with the information provided on the Cost and Schedule and Grant Application Cover Sheet. This document is required upon grant award as a condition of grant acceptance. Refer to Grant Application Guide, Chapter 6.5 for a Third-Party In-Kind description and examples.

Third-Party In-Kind Valuation Plan Checklist	
(✓) Ensure these items are completed prior to submitting to Caltrans	
	Use the Fiscal Year 2024-25 template provided (do not alter the template).
	Name the third party in-kind local match provider; this cannot be the Grantee
	Describe how the third party in-kind local match will be tracked and documented for accounting purposes.
	Describe the fair market value of third party in-kind contributions and how the values were determined.
	Include an itemized breakdown by task, consistent with the Cost and Schedule.
	Ensure the in-kind local match amount is consistent with the Grant Application Cover Sheet and Cost and Schedule.

California Department of Transportation
 Sustainable Transportation Planning Grant Program
THIRD-PARTY IN-KIND VALUATION PLAN

Grant Category
 Grant Fiscal Year
 Project Title
 Organization
 (Legal name)

Task #	Task Title	Third-Party In-Kind Contribution	Name of Third-Party In-Kind Match Provider	Fair Market Value Determination	Fair Market Value or Hourly Rate	Number of Hours	Estimated Cost
Total In-kind Match:							\$0

Explain how the third party in-kind match will be documented for accounting purposes:	
---	--

Local Resolution Checklist

A Local Resolution is NOT required at the grant application stage; however, it is required upon award as a condition of grant acceptance.

Local Resolution Checklist	
(✓)	Ensure these items are completed prior to submitting to Caltrans
	State the title of the project (1)
	State the job title of the person authorized to enter into a contract with Caltrans on behalf of the applicant (2)
	NOT be more than a year old, or it will not be accepted (3)
	Signed by the grant applicant's governing board (4)

Sample Local Resolution

CITY OF CAN DO RESOLUTION NO. 009-2012

RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF CAN DO AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE AGREEMENTS WITH THE

1

CALIFORNIA DEPARTMENT OF TRANSPORTATION FOR THE CITY OF CAN DO COMPLETE STREET PLAN

WHEREAS, the Board of Directors of the City of Can Do is eligible to receive Federal and/or State funding for certain transportation planning related plans, through the California Department of Transportation;

WHEREAS, a Restricted Grant Agreement is needed to be executed with the California Department of Transportation before such funds can be reimbursed through the Transportation Planning Grant Program;

WHEREAS, the City of Can Do wishes to delegate authorization to execute these agreements and any amendments thereto;

2

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the City of Can Do, authorize the Executive Director, or designee, to execute all Restricted Grant Agreements and any amendments thereto with the California Department of Transportation.

APPROVED AND PASSED this 4th day of December 2023.

3

4

John Doe,
Chair

ATTEST:



Eileen Wright, Executive Director

APPENDIX C. CALTRANS/REGIONAL AGENCY BOUNDARIES MAP



APPENDIX D. CALTRANS DISTRICT CONTACT LIST

Caltrans Sustainable Transportation Planning Grants District Lead Contact and Native American Liaison Contact List

DISTRICT	LEAD CONTACT(S)	NATIVE AMERICAN LIAISON CONTACT(S)	MPO/RTPA
DISTRICT 1 1656 Union Street P.O. Box 3700 Eureka, CA 95502	Tatiana Ahlstrand (707) 684-6884 Email: Tatiana.Ahlstrand@dot.ca.gov	Kathleen Sartorius (707) 601-7978 Email: Kathleen.Sartorius@dot.ca.gov	Del Norte LTC Humboldt CAOG Lake CCAPC Mendocino COG
DISTRICT 2 1657 Riverside Drive Redding, CA 96001	Kathy Grah Office: (530) 229-0517 Cell: (530) 782-3152 Email: Kathy.Grah@dot.ca.gov	Kendee Vance (530) 225-3574 Email: Kendee.Vance@dot.ca.gov	• Lassen CTC • Tehama CTC • Modoc LTC • Trinity CTC • Plumas CTC • Siskiyou CLTC • Shasta RTA
DISTRICT 3 703 B Street Marysville, CA 95901	El Dorado, Placer, Sacramento, Sutter, Yolo, and Yuba Counties Sukhi Johal (530) 565-3885 Email: Sukhi.Johal@dot.ca.gov Butte, Colusa, Lake Tahoe Basin, Glenn, Nevada, and Sierra Counties Kevin Yount (530) 513-0584 Email: Kevin.Yount@dot.ca.gov	Angelina Healy (530) 720-9449 Email: Angelina.Healy@dot.ca.gov	• Butte CAG • Sierra LTC • Colusa CTC • Glenn CTC • El Dorado CTC • Nevada CTC • Placer CTPA • Sacramento Area COG • Tahoe MPO
DISTRICT 4 111 Grand Avenue P.O. Box 23660 Oakland, CA 94623-0660	Becky Frank (510) 960-0883 Email: Becky.Frank@dot.ca.gov Stephen Conteh (510) 960-0887 Email: Stephen.Conteh@dot.ca.gov	Stephen Conteh (510) 960-0887 Email: Stephen.Conteh@dot.ca.gov	• Metropolitan Transportation Commission
DISTRICT 5 50 Higuera Street San Luis Obispo, CA 93401-5415	Jenna Schudson (805) 835-6432 Email: Jenna.Schudson@dot.ca.gov	John Olejnik (805) 748-1787 Email: John.Olejnik@dot.ca.gov	• Monterey TAMC • Santa Cruz CCRTC • San Benito COG • Assoc. of Monterey Co. Bay Area Govts • Santa Barbara CAG • San Luis Obispo COG
DISTRICT 6 1352 W. Olive Avenue P.O. Box 12616 Fresno, CA 93778-2616	Lorena Mendibles (559) 840-6066 Email: Lorena.Mendibles@dot.ca.gov Edgar Hernandez (559) 981-7436 Email: Edgar.Hernandez@dot.ca.gov	Lorena Mendibles (559) 840-6066 Email: Lorena.Mendibles@dot.ca.gov	• Fresno COG • Tulare CAG • Kern COG • Kings CAG • Madera CTC

Caltrans Sustainable Transportation Planning Grants District Lead Contact and Native American Liaison Contact List

DISTRICT	LEAD CONTACT(S)	NATIVE AMERICAN LIAISON CONTACT(S)	MPO/RTPA
DISTRICT 7 100 S. Main Street Los Angeles, CA 90012	James Santiago (213) 310-2804 Email: James.Santiago@dot.ca.gov	Not applicable	Southern California Association of Governments
DISTRICT 8 464 W. 4 th Street Mail Station 722 San Bernardino, CA 92401	Ricky Rivers (909) 806-3298 Email: Ricky.Rivers@dot.ca.gov Stephanie Gallegos (909) 383-4057 Email: Stephanie.Gallegos@dot.ca.gov	Lorna Foster (909) 501-5759 Email: Lorna.Foster@dot.ca.gov	Southern California Association of Governments
DISTRICT 9 500 S. Main Street Bishop, CA 93514	Catherine Carr (707) 874-8318 Email: Catherine.Carr@dot.ca.gov	Emilee Mullen (707) 784-4260 Email: Emilee.Mullen@dot.ca.gov	- Inyo LTC - Mono LTC - Eastern Kern (COG)
DISTRICT 10 1976 E. Dr. Martin Luther King Boulevard P.O. Box 2048 Stockton, CA 95201	Mountain Counties Gregoria Ponce (209) 483-7234 Email: Gregoria.Ponce@dot.ca.gov Merced, San Joaquin, Stanislaus Counties Tom Dumas (209) 941-1921 Email: Tom.Dumas@dot.ca.gov	Paul Bauldry (209) 948-7647 Email: Paul.Bauldry@dot.ca.gov Gregoria Ponce (209) 483-7234 Email: Gregoria.Ponce@dot.ca.gov	- Alpine County LTC - Amador CTC - Calaveras COG - Mariposa LTC - Merced CAG - Tuolumne CTC - San Joaquin COG - Stanislaus COG
DISTRICT 11 4050 Taylor Street Mail Station 240 San Diego, CA 92110	Omar Flores (619) 985-2124 Email: Omar.Flores@dot.ca.gov	Rafael Reyes (619) 208-1104 Email: Rafael.Reyes@dot.ca.gov	- San Diego Association of Governments - Southern California Association of Governments
DISTRICT 12 1750 E. 4 th Street Santa Ana, CA 92705	Eric Chau (657) 328-6268 Email: Eric.E.Chau@dot.ca.gov	Not applicable	Southern California Association of Governments



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Oakland, CA 94612

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October 3, 2025

Rochelle Wheeler
Senior Transportation Coordinator
Planning, Building and Transportation Department
City of Alameda
2263 Santa Clara Avenue, Rm 120
Alameda, CA 94501

Subject: Waterway Study for Oakland-Alameda Estuary Bridge Fee Estimate

Hi Rochelle:

Moffatt & Nichol (M&N) is pleased to submit the attached fee estimate to provide engineering services for the Waterway Study for the Oakland-Alameda Estuary Bridge project. Please contact me at 510-788-8959 or at mtrowbridge@moffattnichol.com any time to discuss.

Very truly yours,
MOFFATT & NICHOL

A handwritten signature in black ink that reads 'Matthew Trowbridge'.

Matt Trowbridge, PE, SE
Vice President



Summary Table

Task No.	Task Description	Fee	Sub Labor	Sub Mark-up	Direct Costs	Total	Fee (Rounded)	
1	Data Collection and Simulation Model Development	\$285,272	\$2,500	\$250	\$0	\$288,022	\$288,000	55%
2	Data Analysis and Simulation Runs	\$98,136	\$7,500	\$750	\$2,500	\$108,886	\$109,000	21%
3	Key Stakeholder Outreach	\$21,888	\$1,000	\$100	\$0	\$22,988	\$23,000	4%
4	Advisory Committee Meetings	\$17,272	\$1,000	\$100	\$0	\$18,372	\$18,500	4%
5	Draft and Final Reports	\$65,450	\$3,000	\$300	\$0	\$68,750	\$68,750	13%
6	City Commission / Council Presentations	\$16,528	\$0	\$0	\$0	\$16,528	\$16,750	3%
Totals		\$504,546	\$15,000	\$1,500	\$2,500	\$523,546	\$524,000	100%

Moffatt & Nichol Labor

Task No.	Task Description	1	2	3	4	5	6	7	8	9	10	11	12	Total Hours	Total Cost
		Matt Trowbridge	Mads Jorgensen	Dorian Brefort	Jeff Oskamp	Gwen Lawrence	Ivy Wang	Xiuying Xing	Garrett Dekker	Staff Engineer	Technical Writer	Dilip Trivedi	Rich Dornhelm		
		Principal in Charge	Project Manager	Assistant PM / Data Collection	Navigation Lead	Simulation Lead	Stakeholder Outreach	Metoccean Conditions Lead	Bridge Design Advisor	Staff Engineer	Technical Writer	Senior Advisor	Senior Advisor		
		\$352.00	\$352.00	\$274.00	\$331.00	\$312.00	\$290.00	\$331.00	\$352.00	\$204.00	\$139.00	\$368.00	\$368.00		
1	Data Collection and Simulation Model Development														
1.1	Data Collection Allowance	10	44	826										880	\$245,332
1.2	Simulation Model Development		8	8	12	60				60				148	\$39,940
2	Data Analysis and Simulation Runs														
2.1	Data Analysis	4	8	92	8				16		80	4		212	\$50,304
2.2	Simulation Runs	3	6	8	24	40		16	16		80			193	\$47,832
3	Key Stakeholder Outreach	8	15	8			40							71	\$21,888
4	Advisory Committee Meetings	6	7	4			40							57	\$17,272
5	Draft and Final Reports	3	8	26	16	40		2	16	80	80	4	4	279	\$65,450
6	City Commission / Council Presentations	14					40							54	\$16,528
Totals		48	96	972	60	140	120	18	48	140	240	8	4	1,894	\$504,546
		\$16,896	\$33,792	\$266,328	\$19,860	\$43,680	\$34,800	\$5,958	\$16,896	\$28,560	\$33,360	\$2,944	\$1,472		

Subconsultant Budget

		Steven Grover & Associates
Task No.	Task Description	Budget Allowance
1	Data Collection and Simulation Model Development	\$2,500
2	Data Analysis and Simulation Runs	\$7,500
3	Key Stakeholder Outreach	\$1,000
4	Advisory Committee Meetings	\$1,000
5	Draft and Final Reports	\$3,000
6	City Commission / Council Presentations	\$0
Total		\$15,000

Average Sub Rate = \$165 / hr
Approximate Number of Hrs = 91

the operations conducted by Provider except to the extent the City is found to have been negligent. If the Claims filed against Indemnitees allege negligence, recklessness or willful misconduct on the part of Provider, Provider shall have no right of reimbursement against Indemnitees for the costs of defense except to the extent negligence, recklessness or willful misconduct is not found on the part of Provider. Provider shall not have any obligations to indemnify Indemnitees if the loss or damage is found to have resulted solely from the negligence or the willful misconduct of the City. The defense and indemnification obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

b. As to Claims for professional liability only, Provider's obligation to defend Indemnitees (as set forth above) is limited as provided in California Civil Code Section 2782.8.

c. Provider's obligation to indemnify, defend and hold harmless Indemnitees shall expressly survive the expiration or early termination of this Agreement.

10. INSURANCE:

a. On or before the commencement of the terms of this Agreement, Provider shall furnish the City's Risk Manager with certificates showing the type, amount, class of operations covered, effective dates and dates of expiration of insurance coverage in compliance with Sections 10.b. (1) through (4). The Certificate Holder should be The City of Alameda, 2263 Santa Clara, Ave., Alameda, CA 94501. Such certificates, which do not limit Provider's indemnification, shall also contain substantially the following statement:

"Should any of the above insurance covered by this certificate be canceled or coverage reduced before the expiration date thereof, the insurer affording coverage shall provide thirty (30) days' advance written notice to the City of Alameda. Attention: Risk Manager."

Provider shall maintain in force at all times during the performance of this Agreement all appropriate coverage of insurance required by this Agreement with an insurance company licensed to offer insurance business in the State of California with a current A.M. Best's rating of no less than A:VII or Standard & Poor's Rating (if rated) of at least BBB unless otherwise acceptable to the City. Provider shall deliver updated insurance certificates to the City at the address described in Section 17.f. prior to the expiration of the existing insurance certificate for the duration of the term of Agreement. Endorsements naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers as additional insured shall be submitted with the insurance certificates.

Provider Initials

b. COVERAGE REQUIREMENTS:

Provider shall maintain insurance coverage and limits at least as broad as:

(1) Workers' Compensation:

Statutory coverage as required by the State of California, as well as a Waiver of Subrogation (Rights of Recovery) endorsement.

(2) Liability:

Commercial general liability coverage in the following minimum limits:

Bodily Injury:	\$1,000,000 each occurrence \$2,000,000 aggregate - all other
Property Damage:	\$1,000,000 each occurrence \$2,000,000 aggregate

If submitted, combined single limit policy with per occurrence limits in the amounts of \$2,000,000 and aggregate limits in the amounts of \$4,000,000 will be considered equivalent to the required minimum limits shown above. Provider shall also submit declarations and policy endorsements pages. Additional Insured Endorsement naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers is required. The Additional Insured Endorsement shall include primary and non-contributory coverage at least as broad as the CG 2010.

(3) Automotive:

Comprehensive automobile liability coverage (any auto) in the following minimum limits:

Bodily injury:	\$1,000,000 each occurrence
Property Damage:	\$1,000,000 each occurrence

or

Combined Single Limit:	\$2,000,000 each occurrence
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Additional Insured Endorsement naming the City, its City Council, boards, commissions, officials, employees, agents, and volunteers is required.

(4) Professional Liability:

Professional liability insurance which includes coverage appropriate for the negligent professional acts, errors and omissions of Provider's profession and work hereunder, in the following minimum limits:

\$2,000,000 each claim

As to commercial general liability and automobile liability insurance, such insurance will provide that it constitutes primary insurance with respect to claims insured by such policy, and, except with respect to limits, that insurance applies separately to each insured against whom claim is made or suit is brought. Such insurance is not additional to or contributing with any other insurance carried by or for the benefit of the City.

c. SUBROGATION WAIVER:

Provider hereby agrees to waive rights of subrogation that any insurer of Provider may acquire from Provider by virtue of the payment of any loss. Provider agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether the City has received a waiver of subrogation endorsement from the insurer. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City for all work performed by Provider, its employees, agents and subcontractors.

d. FAILURE TO SECURE:

If Provider at any time during the term hereof should fail to secure or maintain the foregoing insurance, the City shall be permitted to obtain such insurance in Provider's name or as an agent of Provider and shall be compensated by Provider for the costs of the insurance premiums at the maximum rate permitted by law and computed from the date written notice is received that the premiums have not been paid.

e. ADDITIONAL INSURED:

The City, its City Council, boards, commissions, officials, employees, agents, and volunteers shall be named as additional insured(s) under all insurance coverages, except workers' compensation and professional liability insurance. The naming of an additional insured shall not affect any recovery to which such additional insured would be entitled under this policy if not named as such additional insured. An additional insured named herein shall not be held liable for any premium, deductible portion of any loss, or expense of any nature on this policy or any extension thereof. Any other insurance held by an additional insured shall not be required to contribute anything toward any loss or expense covered by the insurance provided by this policy. Additional Insured coverage under Provider's policy shall be primary and non-contributory and will not seek contribution from the City's insurance or self-insurance. Any available insurance proceeds broader than or in excess of the specified minimum insurance coverage requirements and/or limits shall be available to the additional insured(s).

f. SUFFICIENCY OF INSURANCE:

The insurance limits required by the City are not represented as being sufficient to protect Provider. Provider is advised to consult Provider's insurance broker to determine adequate coverage for Provider. The coverage and limits shall be (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of the coverage carried by or available to Provider; whichever is greater.

g. EXCESS OR UMBRELLA LIABILITY:

If any Excess or Umbrella Liability policies are used to meet the limits of liability required by this Agreement, then said policies shall be true "following form" of the underlying policy coverage, terms, conditions, and provisions and shall meet all of the insurance requirements stated in this Agreement, including but not limited to, the additional insured, SIR, and primary insurance requirements stated therein. No insurance policies maintained by the indemnified parties or Additional Insureds, whether primary or excess, and which also apply to a loss covered hereunder, shall be called upon to contribute to a loss until all the primary and excess liability policies carried by or available to the Provider are exhausted. **If a Provider is using an Excess Liability policy to supplement any insurance coverage required by this Agreement, they must submit the Excess Liability policy in full.**