

Scope of Work

The Scope of Work should include the development of the Climate Resiliency Plan that identifies specific improvements on the region's transportation system to address climate risks identified in the 2020 Transportation Network Vulnerability Assessment. This project will actively engage disadvantaged communities through public outreach as well as representation of such communities on the Working Group by community organizations. The stakeholders in the Working Group include all the 16 local governments in Fresno County, Caltrans, the three transit agencies in the region, community groups, tribal representatives, business representatives, local flood control districts and levee maintaining agencies, and the general public.

The Climate Resiliency Plan must include:

- o A transportation system risk analysis;
- o A list of transportation improvement projects categorized by short, medium, and long-term;
- o Planning level cost for the identified improvement projects;
- o A climate risk assessment for top five most vulnerable project locations

REFERENCE MATERIALS

More information on the Caltrans Sustainable Transportation Planning Grant Program can be found here: [Sustainable Transportation Planning Grants | Caltrans](#)

The Fresno Council of Government's 2020 Transportation Network Vulnerability Assessment can be found here: [Fresno County Regional Transportation Network Vulnerability Assessment | Fresno COG](#)

Task 1: Review Existing Plans, Guidelines, & Policies

- Review existing federal, state and local plans, policies and guidelines regarding climate adaptation.
- Provide a summary of the policies and guidelines update since March 2020 when the Transportation Network Vulnerability Assessment was conducted.

Task Deliverables
<ul style="list-style-type: none">• Summary of updated climate adaptation plans, policies, and guidelines since 2020

Task 2: Update the Extreme Weather and Climate Projections for Fresno County

- Update the climate projections using the latest available data.

Task Deliverables
<ul style="list-style-type: none">• Updated weather and climate forecast for Fresno County Report

Task 3: Conduct Transportation System Risk Analysis and Identify a Preliminary List of Transportation Improvements Projects

- Develop a methodology for transportation system risk analysis.
- Establish criteria for project selection.

- Identify preliminary transportation improvement projects to be included in the plan for the next 50 years. Categorize the projects by short, medium, and long-term.

Task Deliverables
<ul style="list-style-type: none"> • A methodology for risk analysis • Criteria for project selection • Preliminary list of transportation improvement projects

Task 4: Collaboration and Community Outreach

- Identify a Stakeholder Working Group. The Working Group will include all the local governments in Fresno County, the three transit agencies, Caltrans, a public health organization, community organizations, local flood control districts and levee maintaining agencies, and interested public members.
- Develop a public outreach plan. The consultant will develop a public outreach plan that outlines the format of the outreach activities and identifies specific outreach activities. Such outreach activities should include but not limited to a project website, virtual or/and in-person workshops, pop-up events, and online interactive tools, etc. The Outreach Plan will specify how to reach out to the hard-to-reach disadvantaged communities, including working with the County Public Health Department in the outreach. The work group will provide input for the outreach plan before it is finalized. The Outreach Plan will include outreach to state partners with technical expertise in climate related fields. State partners may include, but are not limited to, Caltrans, CalEPA, CARB, and the Department of Water Resources.
- Conduct public outreach to solicit public input on the preliminary improvement projects. The consultant team will work with the members of the working group and conduct outreach as defined in the outreach plan. All the public outreaches will be conducted in English and Spanish. Translation for additional languages will be made available as needed.
- Actively engage community and local stakeholders (e.g., local flood control districts) during the project's development to receive input on climate risks and vulnerabilities to inform the project selection process.
- Collaboration with all engagement groups will be ongoing throughout the project. Outreach events will be conducted mid-way through the project following risk analysis and identification of preliminary improvement projects.

Task Deliverables
<ul style="list-style-type: none"> • Stakeholder Working Group List • Outreach Plan • Outreach Summary

Task 5: Develop A Draft Transportation Improvement Project list and Categorize them by Short, Medium, and Long-term Projects

- Incorporate the public input from Task 4 and develop a draft project list.
- Work with the working group and prioritize the projects by short, medium, and long-term time frame.

Task Deliverables

- Draft transportation improvement projects by short, medium, and long-term time frame

Task 6: Develop Planning Level Cost for the Identified Improvement Projects

- Develop planning level cost for each of the identified improvement projects.

Task Deliverables

- Planning level cost for the identified improvement projects

Task 7: Select Top 5 Most Climate Vulnerable Projects and Conduct Climate Risk Assessments

- Work with the working group and identify five most climate vulnerable projects.
- Conduct climate risk assessments for the five selected projects.

Task Deliverables

- Climate risk assessment for the five most vulnerable projects

Task 8: Develop the Draft Plan and Publish the Draft plan for Public Review

- Develop the draft plan that includes recommendations for next steps and receive input from the working group and Caltrans.
- Publish the draft plan for 30-day public review.
- Receive public input.

Task Deliverables

- Draft plan
- Public comments

Task 9: Presentation & Policy Board Acceptance

- Present the draft final plan to the Transportation Technical Committee, the Policy Advisory Committee, and the Policy Board for acceptance.
- Incorporate comments from the committees into the final report.

Task Deliverables

- PowerPoint presentation
- Final report