

# Request for Proposals for Technical Services for San Francisco Freeway Network Management Study

Pre-Proposal Conference



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September 5, 2024

# What we will cover today

## Agenda:

1. Project Background
2. Scope of Work
3. RFP Information
4. Q&A Session

# Project Background



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# SF Freeway Network Management Study

## Project Background

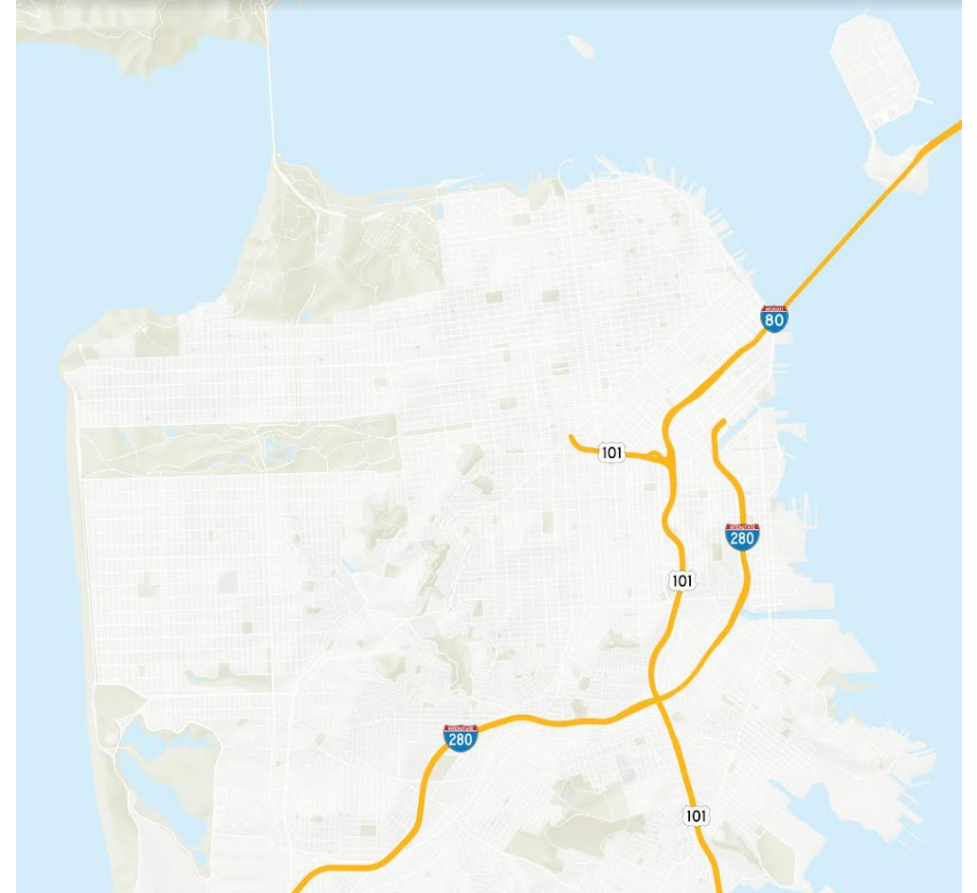
- Builds on previous efforts to analyze and implement managed lanes options on segments of US-101 and I-280 in San Francisco
- Freeway Corridor Management Study (FCMS) Phase 2, 101/280 Express Lanes and Bus project, Northbound I-280 Transit and Carpool Lane Study
- Received feedback from public outreach for Northbound I-280 Transit and Carpool Lane Study
- Board guidance to resume consideration of pricing as a tool to improve efficiency of freeways
- Informed by MTC's Next Generation Freeways Study; advances Connect SF Streets and Freeways Strategy and SFTP 2050; responds to public outreach and Board feedback



# SF Freeway Network Management Study

## Proposed Study Overview

- Identify priority segments for future priced managed lane alternatives
  - Consider all freeways
  - Detailed planning for priority segments
  - Programmatic elements to support a pricing program - affordability, transit, demand management
  - Concept design, operation, and program definition
  - Community outreach to shape recommendations



# SF Freeway Network Management Study

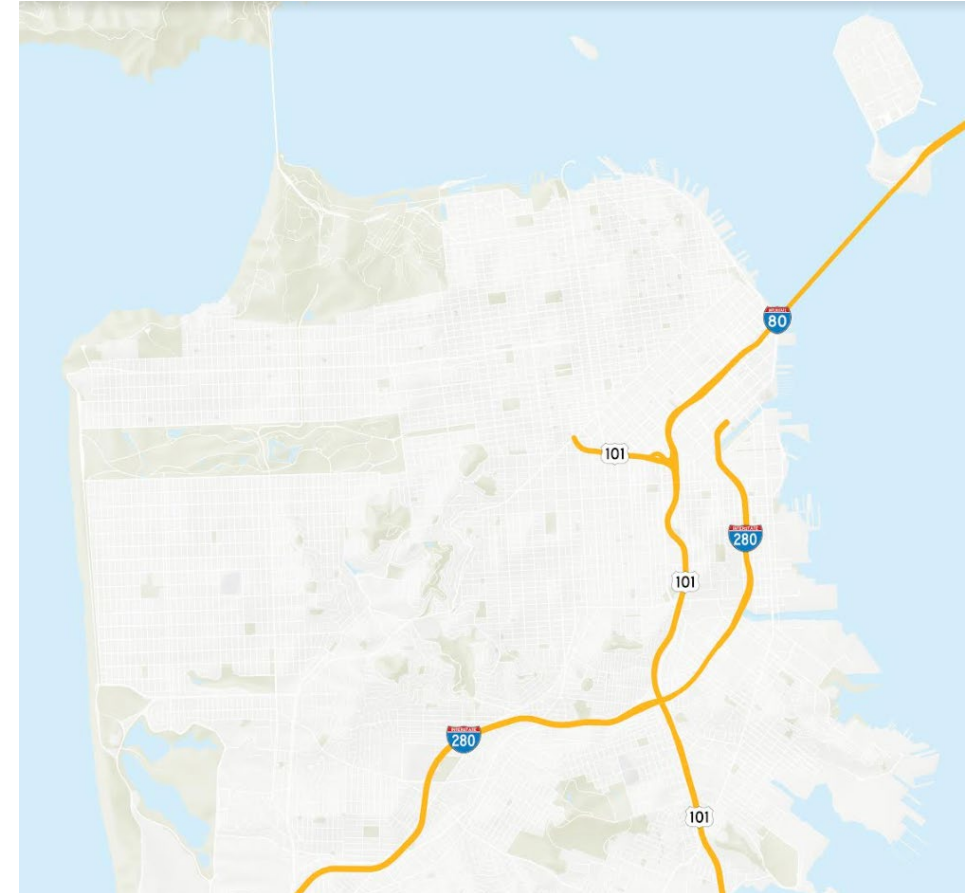
## Estimated Project Timeline

### Phase 1 | Concluding Summer 2025

- Conduct initial screening to identify up to 5 segments where managed lanes have the biggest impact in advancing the city's transportation goals
- Define project goal, objectives, and evaluation metrics
- Convene working group
- Present findings to Board

### Phase 2 | Concluding Summer 2027

- Detailed planning and analysis
- Public outreach
- Presentation to Board



# Scope of Work



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# Scope Overview

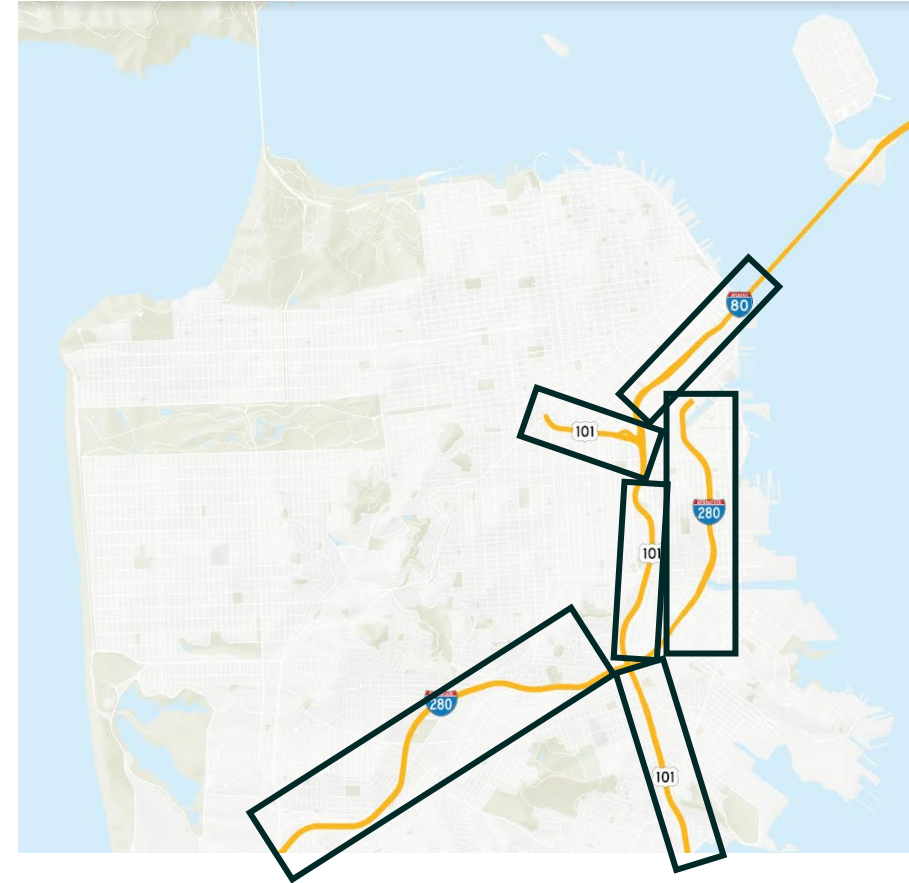
TASK	GOAL
Task 2: Managed lane segment screening	Selection of up to 5 segments for further study
Task 3: Purpose statement and goals * Includes round 1 of outreach	Develop purpose statement and goals
Task 4: Existing conditions analysis	Finalize evaluation criteria and summarizing findings from data analysis in an existing conditions report
Task 5: Analysis * Includes rounds 2 and 3 of outreach	Develop program alternatives and select up to 3 managed lane concepts (i.e., managed lane segments paired with program alternatives)
Task 6: Community and stakeholder outreach	<u>Round 1:</u> establish goals, evaluation metrics, and needs and challenges for travel on freeways <u>Round 2:</u> feedback on priority managed lane segments and program alternatives from Tasks 2 and 5 <u>Round 3:</u> feedback on managed lane concepts developed in Task 5
Task 7: Technical Advisory Committee	Provide feedback on outreach process, technical analysis, design alternatives, and programmatic elements
Task 8: Draft and Final Plan	Refine financial analysis and toll system operation analysis of up to 2 leading concepts selected after round 3 of public outreach, develop funding and implementation plan, (optional) advance 2 leading concepts to 10% design



# SF Freeway Network Management Study

## Task 2: Managed Lane segment screening

- Part of Phase 1 work
- Initial feasibility assessment of implementing managed lanes on SF freeway network
- Develop evaluation criteria
- Establish working group of community representatives and CAC members to advise project team
- **Goal:** selection of up to 5 segments for further study



# SF Freeway Network Management Study

## Subtask 2a: Feasibility screening for potential managed lane segments

- Identify freeway segments that can support a physical design for managed lanes
- Identify areas that need detailed review
- **Deliverable:** sketch-level drawings demonstrating feasibility of managed lanes on freeway segments

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## Task 2b: Priority segment selection

- Develop evaluation criteria based on study goals (Task 3) and city's transportation goals
- Evaluate segments against evaluation criteria to select priority segments for further design and study
- **Deliverable**: memo documenting design and operation feasibility findings, evaluation criteria, segment selection process and findings; set of up to 5 priority segments for further design and study

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## Task 3: Purpose statement and goals

- Develop purpose statement, project goals, and objectives
- Primarily part of Phase 1 work
- Will be refined considering input from TAC and public outreach
- **Deliverable:** draft of purpose statement, project goals, and objectives

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## Subtask 4a: Finalize evaluation metrics and criteria

- Finalize criteria identified in Task 2b and study purpose statement and goals in Task 3
- May also build off previous work, projects, input from TAC, and public outreach
- **Deliverable:** Draft and final evaluation metrics and criteria

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## Subtask 4b: Data analysis and existing conditions

- Collect and analyze traffic counts
- INRIX-based visualizations to provide information on queueing at ramps
- Analysis of crash data and GHG/other emissions/pollutant data
- May also conduct O-D analysis, pre/post-pandemic travel analysis
- **Deliverable:** Data collection and analysis

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## Subtask 4c: Draft existing conditions report

- Prepare existing conditions report to document findings from analysis, with support from TA staff
- Report will also integrate screening findings from Task 2
- **Deliverable:** Draft and final existing conditions report

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## Task 5: Analysis

- Development and evaluation of concepts
- **Goal:** select up to three managed lane concepts (i.e., managed lane segment plus associated program alternatives)



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## Subtask 5a: Geometric Design / 5% Engineering Drawings

- Develop 5% designs for segments selected in Task 2
- Conduct preliminary financial and operational analysis
- Prepare concept fact sheets summarizing key features, benefits, trade-offs, constraints, and risks of each design
- **Deliverables:** reader-friendly drawings; concept fact sheets; planning-level cost and revenue estimates; draft and final memo summarizing design alternatives

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## Subtask 5b: Program Alternatives

- Develop five sets of programs alternatives including high-level costs
- Pair programs with managed lane segments
- **Deliverables:** memo describing program alternatives and process for pairing alternatives with managed lane segments; public-facing overview of managed lane concepts

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## Subtask 5c: Alternatives evaluation

- Develop evaluation framework
- Select three managed lane concepts
- **Deliverables:** memo of evaluation framework, process, and outcomes; selection of 3 managed lane concepts; summary of evaluation process and outcomes to use in outreach

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## Subtask 6a: Develop outreach plan

- Define goals of each outreach round, key messaging, methods, timeline, materials, and roles and responsibilities of Transportation Authority and consultant staff
- Identify community groups to engage in the outreach process
- **Deliverable:** Draft and final outreach plan

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## Subtask 6b: Outreach activities and materials

- Three rounds of outreach
  - Round 1: goals, objectives, evaluation metrics, and travel needs
  - Round 2: feedback on initial priority managed lane segments
  - Round 3: selection of priority segments for further design
- Outreach activities may include: listening sessions, community meetings, public events, surveys, focus groups, and online and social media engagement tools
- **Deliverables:** outreach materials, memo summarizing findings from each outreach round

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## Task 7: Technical Advisory Committee (TAC)

- Representatives from other public agencies
  - SFMTA, SF Planning, DPW, MTC, San Mateo (C/CAG, SMCTA), and Caltrans (D4 and HQ)
- Provide feedback and lessons learned
- **Deliverable:** TAC meeting materials

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## Subtask 8a: Financial and toll system operational analysis

- Refine financial and operational analysis from Task 5
- **Deliverable:** Financial and operational analysis memo

## Subtask 8b: Funding and implementation plan

- Identify potential funding sources
- Define next steps for implementation
- Institutional analysis of governance options for recommended designs
- **Deliverable:** funding and implementation plan memo

## (Optional) Subtask 8c: Detailed Design

- Advance up to 2 preferred designs to 10% design
- **Deliverable:** (Optional) 10% design of leading managed lane concept(s)

# RFP Information



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# DBE Requirements

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RFP > Section VII

## **DBE Goal: 11%**

**By the proposal due date, firms must:**

- **Be certified by the California Unified Certification Program (DBE certification)**
  
- **Submit:**
  - **Exhibit 10-O1 - Consultant Proposal DBE Commitment**
  - **Exhibit 10-O2 - Consultant Contract DBE Information**
  - **Exhibit 15-H - DBE Information - Good Faith Efforts (if goal is not achieved)**

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# Additional Response Requirements

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RFP > Section V

➤ **By the proposal due date, firms must also submit:**

- **Exhibit A - Debarment and Suspension Certification**
- **Exhibit B - Terminated Contracts**
- **Exhibit C - Workforce Data Spreadsheets**
- **Exhibit 10-Q - Disclosure of Lobbying Activities**
- **Exhibit 10-H - Cost Proposal (separate from technical proposal)**

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# Evaluation Criteria

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RFP > Section VI

## Proposal

- 1. Proposal Information and Understanding of Project Objectives (10 points)**
- 2. Technical and Management Approach (60 points)**
- 3. Capabilities and Experience (30 points)**

# Selection Process Schedule



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DUE DATE	SELECTION PROCESS
September 6	5:00 PM deadline for proposers to submit written questions to <a href="mailto:info@sfcta.org">info@sfcta.org</a>
September 11	Written responses to questions issued; addenda if necessary
September 27	2:00 PM deadline for responses due electronically. <b>Late submissions not accepted.</b>
October 3	Invitation to Interview issued to short list of respondents (if necessary)
October 9-11	Interviews (scheduled if necessary)
October 23	Selection committee's recommendation to Community Advisory Committee for award
November 5	Recommendation to Transportation Authority Board for award
November 19	Transportation Authority Board awards contract

# Presentation Materials

Slide deck and list of attendees will be posted to [SFCTA.org/contracting](https://sfcta.org/contracting)



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The screenshot shows the top navigation bar of the San Francisco County Transportation Authority website. The header is dark teal with the agency logo and name on the left, and language options (English, Español, Filipino, 中文) on the right. Below the header is a white navigation menu with links for Projects & Studies, Funding, Policies & Initiatives, Tools & Data, What's Happening, and About Us, along with a search bar. The main content area has a large heading 'Work with Us' and three sub-sections: Contracting & Procurement (highlighted with an orange underline), Disadvantaged & Local Business, and Jobs & Internships. Below these are two blue links: 'Learn about DBE/LBE/SBE certifications and programs.' and 'Sign up to receive email notifications of future RFPs.'

# Thank you.



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