

San Francisco County Transportation Authority

Prop K/Prop AA Allocation Request Form

FY of Allocation Action:	FY2019/20
Project Name:	Alemany Realignment Study [NTIP Planning]
Grant Recipient:	San Francisco County Transportation Authority

EXPENDITURE PLAN INFORMATION

Prop K EP categories:	Transportation/Land Use Coordination
Current Prop K Request:	\$100,000
Supervisory District(s):	District 09

REQUEST

Brief Project Description

The Alemany Realignment Study will conduct an engineering analysis for long-term improvements to the Alemany Circle at the US 101/I-280 interchange. The study will focus on realigning Alemany Boulevard to create a safer, neighborhood-friendly roadway with improved bicycle and pedestrian facilities, while freeing land occupied by the interchange for community amenities. The Transportation Authority will conduct the study at the request of District 9 Supervisor Hillary Ronen and in cooperation with SFMTA, the San Francisco Planning Department, and the San Francisco Public Utility Commission.

Detailed Scope, Project Benefits and Community Outreach

----Background----

The Alemany interchange, where U.S. 101, I-280, Alemany Boulevard, Bayshore Boulevard, San Bruno Avenue, and several other local streets intersect, presents major challenges to pedestrian and bicycle safety and accessibility. The interchange also has the potential to provide critical connections between adjacent communities like Bernal Heights, the Portola, and Silver Terrace, and amenities, such as the Alemany Farmers' Market.

District 9 has supported previous work to improve safety and accessibility for people walking and biking through the interchange, including the Transportation Authority's 2017 Alemany Interchange Improvement Study, which recommended new bicycle lanes and crosswalk striping, as well as a new multi-use path with signalized pedestrian crossings that will improve access to the Alemany Farmers' Market and the surrounding area. The bike lane and crosswalk striping has been funded by an allocation of District 9 NTIP funds to SFMTA and will be constructed following adoption of a new maintenance agreement with Caltrans. Design of the new multi-use path by Public Works was also funded by District 9 NTIP funds, which set the project up to successfully pursue a state Active Transportation Program grant for construction. Design of the path is expected to be complete in June 2020 with construction to follow thereafter.

Multiple city agencies are now cooperatively conducting a new generation of long-term planning for the area around the Alemany interchange that envisions a simplified road geometry and multimodal improvements to improve safety and comfort, enhance connectivity with safe neighborhood connections, accommodate transit (including existing Muni 14x, 23, and 67 service and possible future routes), enhance livability and reduce freeway interchange impacts.

District 9 previously secured two allocations of General Fund funds to begin these efforts, which consist of:

- 1). A Transportation Authority-led engineering feasibility study for mid- and long-term improvements to the street and freeway interfaces at the Alemany interchange. This study is underway.
- 2). Public outreach by the San Francisco Planning Department and the Transportation Authority, as well as coordination and technical assistance from Public Works. Public outreach is expected to begin in early 2020.

The previously funded Transportation Authority-led feasibility study has developed preliminary concepts to support improved connectivity within the interchange, including near-term improvements, such as a two-way Alemany with bicycle facilities during freeway bridge deck replacement construction by Caltrans in summer 2020, as well as mid-term

improvements to modify freeway on- and off-ramps.

The feasibility study is also developing alternative concepts to realign Alemany Boulevard to improve walkability and bikeability between neighborhoods, reclaim space used for high speed roadways, and activate areas that are currently unused due to separation by freeways. The study is evaluating the feasibility of these realignment options considering:

- Physical constraints
- Projects by other agencies (including SFPUC)
- Environmental and right of way constraints
- Maintenance and operations
- Traffic

Based on the assessment, the study will rank the improvements with reference to feasibility and produce the following deliverables:

- Fatal flaw analysis of project concepts
- Ranking of viable project concepts
- Rough order of magnitude costs and proposed phasing

----Current Request Detailed Scope----

This NTIP request would fund preliminary engineering and traffic analysis for the top Alemany realignment concept identified through the previously funded feasibility study. The goal of this NTIP project is to prepare the realignment of Alemany Boulevard to move forward into the Caltrans project initiation process.

-Task 1 – Project Management (December 2019 – October 2020)

Project management includes interagency transportation technical support by consultant, consisting of technical support, attending interagency City coordination meetings, advising the Authority's project manager and preparing transportation technical analyses (e.g. on Caltrans encroachment permit process).

Lead: SFCTA

Support: Consultant

Deliverables:

- Meeting agendas, Project schedules

-Task 2 – Preliminary Engineering (January 2020 – June 2020)

Develop top ranked Alemany Boulevard realignment alternative in coordination among multiple City agencies. Preliminary engineering will account for major projects proposed by other city agencies, including SFPUC's sewer replacement project, SFMTA's plans for improved pedestrian and bicycle access through the Alemany Circle area and potential future housing development, and will accommodate access to the Farmer's Market, including parking access.

Lead: Consultant

Support and Review: SFCTA, SFMTA

Deliverables - SFMTA:

- Prior to commencement of preliminary engineering, SFMTA shall provide a memo documenting their concurrence with the preferred realignment alternative.

Deliverables - SFCTA:

- Preliminary engineering plans illustrating the plan and cross-section for roadway modifications, including facilities for pedestrians, bicyclists, and drivers. (Draft and Final)
- Planning-level cost estimate (Draft and Final)
- Technical memo summarizing potential implementation strategies, including project phasing

-Task 3 – Alemany Realignment, Multimodal Traffic Analyses (February 2020 – September 2020)

Prepare multimodal traffic analysis for the realignment concept, including proposed changes to local circulation and additional auto trips generated by nearby development projects, to be identified by the San Francisco Planning Department. May include collecting new traffic counts (intersection peak hour and roadway daily), modeling existing and modified intersections using Synchro and SimTraffic software (Trafficware), and assessing changes in operational delay and queuing. The traffic analysis will also consider transit operations and potential transit delay in the area around the Farmers Market.

Lead: Consultant
Support and Review: SFCTA, SFMTA

Deliverables:

- Traffic analyses: counts, delay and queuing calculations (Draft and Final)
- Technical memorandum summarizing proposed improvements and operational outcomes

-Task 4 – Final Report (October 2020)

Summarize previous deliverables in a final report. The report will include an assessment of the tasks remaining to complete the Caltrans Project Initiation Document (PID) for the realignment project and recommendations for how to accomplish those tasks. The report will be presented to the Transportation Authority board for adoption.

Lead: Consultant

Support and Review: SFCTA, SFMTA

Deliverables - SFMTA:

- Prior to writing the final report, SFMTA shall provide a memo documenting their concurrence with the preliminary engineering and traffic analysis and the approach for moving the project forward into the Caltrans Project Initiation process.

Deliverables - SFCTA:

- Final Report

Project Location

Alemanly Boulevard near the US 101/I-280 interchange and Alemany Farmers' Market.

Project Phase(s)

Planning/Conceptual Engineering

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop K 5YPP/Prop AA Strategic Plan?	Project Drawn from Placeholder
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	Less than or Equal to Programmed Amount
Prop K 5YPP Amount:	\$888,000

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ENVIRONMENTAL CLEARANCE

Environmental Type:	N/A
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PROJECT DELIVERY MILESTONES

Phase	Start		End	
	Quarter	Calendar Year	Quarter	Calendar Year
Planning/Conceptual Engineering	Oct-Nov-Dec	2019	Oct-Nov-Dec	2020
Environmental Studies (PA&ED)				
Right of Way				
Design Engineering (PS&E)				
Advertise Construction				
Start Construction (e.g. Award Contract)				
Operations				
Open for Use				
Project Completion (means last eligible expenditure)				

SCHEDULE DETAILS

Project Management - December 2019 - September 2020
 Preliminary Engineering Analysis and Cost Estimates (Draft) - February 2020
 Traffic Analysis (Draft) - April 2020
 Preliminary Engineering and Cost Estimates (Final) - June 2020
 Traffic Analysis (Final) - September 2020
 Final Report - October 2020

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FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total
PROP K: Transportation/Land Use Coordination	\$0	\$100,000	\$0	\$100,000
Phases in Current Request Total:	\$0	\$100,000	\$0	\$100,000

FUNDING PLAN - ENTIRE PROJECT (ALL PHASES)

Fund Source	Planned	Programmed	Allocated	Project Total
PROP K	\$0	\$100,000	\$0	\$100,000
GENERAL FUND	\$0	\$0	\$130,000	\$130,000
Funding Plan for Entire Project Total:	\$0	\$100,000	\$130,000	\$230,000

COST SUMMARY

Phase	Total Cost	Prop K - Current Request	Source of Cost Estimate
Planning/Conceptual Engineering	\$230,000	\$100,000	Actual cost to date and consultant proposal
Environmental Studies (PA&ED)	\$0	\$0	
Right of Way	\$0	\$0	
Design Engineering (PS&E)	\$0	\$0	
Construction	\$0	\$0	
Operations	\$0	\$0	
Total:	\$230,000	\$100,000	

% Complete of Design:	N/A
As of Date:	N/A
Expected Useful Life:	N/A

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MAJOR LINE ITEM BUDGET

BUDGET SUMMARY					
Agency	Task 1 - Project Management	Task 2 - Preliminary Engineering	Task 3 - Multimodal Traffic Analyses	Task 4 - Final Report	Total
SFCTA	\$ 20,551			\$ 3,000	\$ 23,551
SFMTA		\$ 9,125	\$ 10,000		\$ 19,125
Consultant	\$ 8,924	\$ 25,020	\$ 19,380	\$ 4,000	\$ 57,324
Total	\$ 29,475	\$ 34,145	\$ 29,380	\$ 7,000	\$ 100,000

DETAILED LABOR COST ESTIMATE - BY AGENCY						
SFMTA	Hours	Base Hourly Rate	Overhead Multiplier	Fully Burdened Hourly Cost	FTE	Total
Engineer/Architect Principal	8	\$ 98.31	2.55	\$ 250.80	0.004	\$ 2,006
Eng/Arch/Landscape Arch Senior	14	\$ 84.70	2.57	\$ 217.99	0.007	\$ 3,052
Engineer	26	\$ 73.19	2.60	\$ 190.23	0.013	\$ 4,946
Planner III	60	\$ 57.34	2.65	\$ 152.02	0.029	\$ 9,121
Total	108.0				0.05	\$ 19,125

SFCTA	Hours	Base Hourly Rate	Overhead Multiplier	Fully Burdened Hourly Cost	FTE	Total
Deputy Director	10	\$ 118.37	2.50	\$ 295.93	0.005	\$ 2,959
Assistant Deputy Director	40	\$ 98.00	2.50	\$ 245.00	0.019	\$ 9,800
Senior Planner	61	\$ 61.64	2.50	\$ 154.09	0.029	\$ 9,392
Intern	20	\$ 28.00	2.50	\$ 70.00	0.010	\$ 1,400
Total	131.0				0.06	\$ 23,551

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SFCTA RECOMMENDATION

Resolution Number:	2020-020	Resolution Date:	12/17/2019
Total Prop K Requested:	\$100,000	Total Prop AA Requested:	\$0
Total Prop K Recommended:	\$100,000	Total Prop AA Recommended:	\$0

SGA Project Number:	144-907093	Name:	Alemany Realignment Study [NTIP Planning]
Sponsor:	San Francisco Municipal Transportation Agency	Expiration Date:	06/30/2021
Phase:	Planning/Conceptual Engineering	Fundshare:	100.0

Cash Flow Distribution Schedule by Fiscal Year

Fund Source	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	Total
PROP K EP-144	\$19,125	\$0	\$0	\$0	\$0	\$19,125

Deliverables

- Prior to SFCTA commencing preliminary engineering, SFMTA shall submit a memo documenting its concurrence with the selected realignment alternative.
- Prior to SFCTA drafting the final report, SFMTA shall provide a memo documenting its concurrence with the preliminary engineering and traffic analysis and the approach for moving the project forward into the Caltrans Project Initiation process.

Special Conditions

- The Transportation Authority will only reimburse SFMTA up to the approved overhead multiplier rate for the fiscal year that SFMTA incurs charges.

Notes

- Quarterly progress reports, including summaries of SFMTA's support activities, will be shared with the District Supervisor.

SGA Project Number:	144-901094	Name:	Alemany Realignment Study [NTIP Planning]
Sponsor:	San Francisco County Transportation Authority	Expiration Date:	06/30/2021
Phase:	Planning/Conceptual Engineering	Fundshare:	100.0

Cash Flow Distribution Schedule by Fiscal Year

Fund Source	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	Total
PROP K EP-144	\$80,875	\$0	\$0	\$0	\$0	\$80,875

Deliverables

1. Task 2: Upon completion of draft preliminary engineering analysis and cost estimates (anticipated February 2020), provide draft plans and cost estimates
2. Task 2: Upon completion of final preliminary engineering and cost estimates (anticipated June 2020) provide plans, cost estimates, and technical memo summarizing potential implementation strategies
3. Task 3: Upon completion of draft traffic analysis (anticipated April 2020), provide summary of findings
4. Task 3: Upon completion of final traffic analysis (anticipated September 2020), provide technical memorandum summarizing proposed improvements and operational outcomes
5. Prior to Board adoption (anticipated October 2020), staff will present a draft final report, including key findings, recommendations, next steps and implementation and funding strategy to the Citizens Advisory Committee and Board. Upon project completion the Board will accept or approve the final report.

Notes

1. Quarterly progress reports will be shared with the District Supervisor for this NTIP project.

Metric	Prop K	Prop AA
Actual Leveraging - Current Request	0.0%	No Prop AA
Actual Leveraging - This Project	56.52%	No Prop AA

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EXPENDITURE PLAN INFORMATION

Current Prop K Request:	\$100,000
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1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement
MP

CONTACT INFORMATION

	Project Manager	Grants Manager
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