Delivering Projects

American Council of Engineering Companies
California East Bay Chapter
March 20, 2019
Alameda CTC PM Projects

$2.1 Billion

https://www.alamedactc.org/projects/
Capital Program Funding Overview

Proposition 1B
$447 Million allocated
Leveraged to deliver a $1.14 Billion program

$415 Million Allocated
$2.8 Billion for capital
$8 Billion

1986 Measure B
$865 Million for capital
$1 Billion

2000 Measure B
$786.5 Million for capital
$3 Billion

2014 Measure BB

Federal Funding
State Funding
Regional Funding
Alameda CTC Capital Program Funding Highlights

Pie Chart:
- Measure B/BB: 41.1%
- Other Local: 28.1%
- Regional: 12.0%
- State: 10.7%
- Federal: 8.1%

Bar Chart:
- Funding Sources:
  - Measure B: $195 M SB1**
  - Measure BB: $11.6 M**
  - Other Local: $4.2 M
  - Regional: $100 M
  - State: $100 M RM3
  - Federal: $4.2 M ATP*

*Gilman Avenue Interchange Improvement
**GoPort
Project Management

DELIVERY PHASES

**Initiation**

- **SCOPING**
  Initiating the project and determining project scope, schedule, and cost estimates for funding and programming.
  (12-18 months)

- **PRELIMINARY ENGINEERING/ENVIRONMENTAL**
  Preparing and obtaining approval of the project report and environmental document, and obtaining approval of a preferred alternative.
  (18-36 months)

- **FINAL DESIGN**
  Complete design of preferred alternative and obtain permits, ensure funding adequate to begin construction. Includes Right-of-Way Clearance.
  (12-24 months)

- **CONSTRUCTION**
  Construct per plans and specifications. Includes close-out activities.
  (12-36 months)

**Close-out**
Organizational Updates

Alameda CTC Projects and Programs

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Ashley Tam, Associate T.E.
Jesse Peoples, Associate T.E.
Jhay Delos Reyes, Senior T.E.
# Contracting Opportunities

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<th>Contracting Opportunities</th>
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<td>Construction/Integration (May 2019)</td>
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<td>Rail Safety Enhancement Program</td>
<td>PA&amp;ED (May 2019)</td>
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<td>Multi-Modal Corridors (San Pablo, E14th/Mission/Fremont)</td>
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<td>Performance Monitoring of Countywide Multimodal Transportation Network</td>
<td>Data Collection/Analysis (June 2019)</td>
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<td>East Bay Greenway (Lake Merritt BART to South Hayward BART)</td>
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<td>7th Street Grade Separation - East</td>
<td>Construction Management (January 2020)</td>
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Dublin Boulevard Extension

**Project Description**

- The project would extend Dublin Boulevard in Dublin at its current terminus at Fallon Road to North Canyons Parkway in Livermore. The new extended street is planned to have 4 to 6 travel lanes, bike lanes, sidewalks, curb and gutter, traffic signals/roundabouts, a raised median, bus stops, and all street utilities.

- This project will consider the provision of dedicated transit lanes in addition to the mixed flow travel lanes for higher level of transit service with 10 to 20 minute headways during appropriate peak demand periods.

- Enhanced multimodal connectivity to various land uses and connectivity to five Priority Development Areas (PDAs) will be included as part of this effort.

Note: All maps and figures for illustrative purposes only.

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<tr>
<th>SCHEDULE and COST ESTIMATE BY PHASE</th>
<th>Begin</th>
<th>End</th>
<th>Cost Estimate ($ X 1,000)</th>
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<tr>
<td>Scoping/ Preliminary Engineering/ Environmental</td>
<td>Fall 2016</td>
<td>Winter 2019</td>
<td>$3,443</td>
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<td>Final Design</td>
<td>Summer 2019</td>
<td>Summer 2021</td>
<td>$6,957</td>
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<td>Right-of-Way</td>
<td>Winter 2019</td>
<td>Summer 2021</td>
<td>$30,385</td>
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<tr>
<td>Construction</td>
<td>Spring 2022</td>
<td>Fall 2024</td>
<td>$106,604</td>
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</table>

Total Project Cost

$147.4 Million
Project Description

This project consists of four components:

- **7th Street Grade Separation - West (7SGSW):** Replace the existing triangle area (Maritime Street, 7th Street, and Navy Road) with an elevated intersection at 7th Street and Maritime Street to improve the access and minimize conflicts between rail, vehicles, pedestrians and bicyclists.

- **7th Street Grade Separation - East (7SGSE):** Reconstruct existing railroad underpass between I-880 and Maritime Street to increase clearance for trucks and improve shared pedestrian/bicycle pathway.

- **Freight Intelligent Transportation Systems (FITS):** Apply ITS, signal systems and other technologies within the Port and surrounding City streets to cost-effectively manage truck arrivals and improve incident response.

Achieved: FITS and 7SGSE

Environmental Completed CEQA and NEPA

External Funds to Date: $207 Million
Multi-modal Corridor Improvements

**East 14th Street/Mission and Fremont Boulevard Multimodal Corridor**

**Total Project Cost**: $312.0 M

**Measure BB**: $4.0 M

(For illustrative purposes only.)

**San Pablo Avenue Corridor**

**Total Project Cost**: $380.0 M

**Measure BB**: $1.5 M

(For illustrative purposes only.)

*Preliminary and subject to change.

**Scoping Document**
SUMMER 2019

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**Rail Safety Enhancement Program**
Seeks to improve the safety and reduce community impacts at high priority grade crossings, as well as areas between crossings, throughout Alameda County. The Program consists of at-grade safety improvements that can be implemented in the near-term.

https://www.alamedactc.org/programs-projects/rail-safety-enhancement-program/
The project proposes to:
• Construct a 16-mile bicycle and pedestrian facility
• Connect seven BART stations

CEQA, Initial Study/Mitigated Negative Declaration, March 2018, NEPA, Categorical Exclusion November 2018
## Consultant Selection

... Every Point Counts

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<td>Interviews</td>
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