Welcome

Primes
Bay Cities Paving and Grading, Inc
DeSilva Gates Construction
Ghilotti Construction Company, Inc.
Granite Construction
Kiewit Infrastructure West
Malcolm International
MCM Construction, Inc.
O.C. Jones & Sons, Inc.
OHL USA, Inc.
Shimmick Construction Company, Inc.
Skanska
Teichert Construction
Walsh Construction

Subcontractors/Services
Aldridge Electric
Bridgeway Civil Constructors, Inc.
Condon-Johnson & Associates, Inc.
Frontline General Engineering
Geotechnical Engineering Inc
Hillside Drilling, Inc.
KLM Materials, LLC
Malcolm Drilling Company, Inc.
Memwether & Williams Insurance Services
Perimeter Security Group LLC
Rosendin Electric, Inc.
Trench Plate Rental Co. (TPR)
T.Y. Lin International
West Coast Drilling

Partner
Caltrans
City of Berkeley
City of Pleasanton

Consultant Team
HDR
Parsons
WMH Corporation
Sidhu Consulting LLC
VSC E

https://www.alamedactc.org/programs-projects/highway-improvement/
(Select Project. Select Public Meetings tab)
Agenda

I. Projects Overview
   - I-80 Gilman Street Interchange Improvements
   - SR-84 from South of Ruby Hill Drive to I-680 and SR-84/I-680 Interchange Improvements (“SR 84 Gap Closure”)

II. Advertise and Award

III. Questions and Answers

I-80 Gilman Interchange Improvements

Project Description
Reconfigure the I-80 Gilman interchange to improve navigation, mobility and traffic operations, and reduce congestion, shorten queues and minimize merging and turning conflicts. Additional improvements including a pedestrian/bicycle overcrossing over I-80, will close the gap in local and regional bicycle facilities.

Estimated Capital Cost: $39 Million
Open to traffic Summer 2023

Measure BB

Susan Chang
Project Manager
Consultant

Scott Shepard
Deputy PM, Alameda CTC

Chris Segur
Senior PM, PTG

Sasan Daneshvar
Principal Engineer, PTG

Note: All maps and figures for illustrative purposes only
UPCOMING CONSTRUCTION OPPORTUNITIES [CALTRANS AAA]

Project Location

- Golden Gate Fields
- University Village
- Harrison Park
- UP RR Crossing
- Primarily Manufacturing/Industrial
- San Francisco Bay Trail
- Tom Bates Sports Complex
- Gilman Street

UPCOMING CONSTRUCTION OPPORTUNITIES [CALTRANS AAA]
Note: All maps and figures for illustrative purposes only

Phase 1: POC
Key Components
- 230’ steel arch bridge with CIP post tension concrete deck
- 8 approach spans (max. 117’ long) reinforce concrete box deck
- 8 bents on CIDH Piles
- 2 concrete stairs
- 4-5 approach retaining walls (70’-180’) with lightweight concrete backfill
- Minor road improvements
- Close coordination with Tom Bates Regional Sports Complex, Golden Gate Fields, East Bay Regional Park District and the City of Berkeley

Capital ~$19 Million
430 Working Days

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<th>Event</th>
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<td>Advertise</td>
<td>Aug/Sept 2020</td>
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<td>Award</td>
<td>Dec 2020</td>
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Note: All maps and figures for illustrative purposes only
Phase 2: Roundabouts and Other Work

Key Components

- 2 roundabouts
- Bay Trail gap closure at the foot of Gilman Street
- A new traffic signal at Gilman and 4th Streets
- Union Pacific Railroad (UPRR)/Gilman Street crossing improvements and signal interconnect
- 2 cantilever soldier pile retaining walls (125’-190’)
- Architectural Curtain Wall
- Utilities

Capital ~$20 Million
390 Working Days

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<td>Award</td>
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Note: All maps and figures for illustrative purposes only

Other Considerations

PERMITS AND COORDINATION

- BCDC
- UPRR
- Cities of Berkeley and Albany
- Utilities (PG&E, AT&T, EBMUD, etc.)

MAINTAIN ACCESS

- Golden Gate Fields
- Tom Bates Sports Complex
- Businesses on Gilman, Eastshore Hwy, 2nd St
  - Avis
  - Target
  - BMW
  - Terminal Manufacturing
  - Berkeley Recycling Center
  - Others

Note: All maps and figures for illustrative purposes only
Coordination

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<th>Project</th>
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<th>2022</th>
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<td>Barrier Project**</td>
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*All information shown is tentative and subject to change
**Caltrans Median Barrier Lighting Project

SR-84 Widening From South of Ruby Hill Drive to I-680 and SR-84/I-680 Interchange Improvements

Project Description
Conformation of SR-84 to expressway standards between south of Ruby Hill Drive and the Interstate 680 (I-680) interchange in southern Alameda County:
- Widening SR-84 to accommodate one additional lane in each direction
- Interchange ramp modifications
- Extension of existing southbound I-680 high-occupancy vehicle (HOV)/express lane to the north by 2 miles

Estimated Capital Cost: $170 M
650 Working Days

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<th>Advertise</th>
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<td>Nov 2020</td>
<td>Feb 2021</td>
<td>April 2021</td>
<td>Late 2023</td>
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Gary Sidhu
Project Manager

Tim Lee
Title
UPCOMING CONSTRUCTION OPPORTUNITIES [CALTRANS AAA]

Project Location

PM 10.3

PM 15.3

PM 22.9

PM 17.9

PROJECT DESCRIPTION

SR 84 Expressway Widening and SR 84/I-680 Interchange Improvements Project

SR 84 Widening

- 2 lanes in each direction
- New signalized intersection at Little Valley Road/Vallecitos Atomic Laboratory Road
- Frontage roads to connect driveways and local roads with the new signal intersection
- Concrete safety barriers and retaining walls
- Wildlife movement features
- Class II (striped) bikeways in each direction

Note: All maps and figures for illustrative purposes only
**SR 84/ I-680 Interchange**

- Interchange ramp modifications
- Longer auxiliary lanes
- Extension of existing southbound I-680 HOV/express lane to the north
- Class I (separated)/II (striped) bikeway connection across I-680

**Construction Staging**

- Complex Construction Staging to Maintain Traffic at Interchange and on SR84
- Pre-Construction Activities
- Four Stages of Construction
**Project Stages**

**Pre-Construction**
- Site Preparation by Others

**Aug 2020 – Oct 2020**
**Work Done Under Caltrans Task Order**
- Removal of ~900 trees

**Oct 2020 – May 2021**
**Work Done by PG&E/AT&T Forces**
- Relocate PG&E 12kV electric / AT&T telephone overhead lines (100 poles)
- Relocate approx. 1,000’ of 24” PG&E gas line
- Relocate approx. 1,000’ of 4” PG&E gas line

**Stage 1**

**Work Done on SR 84**
- Install Temporary Signal (Little Valley Road)
- Frontage Road Construction
- GE Waterline Relocation (jack and bore)
- Start Wall / Bridge Construction

**Work Done on I-680**
- SFPUC Waterline Relocations (jack and bore)
### Project Stages

#### Stage 2
**Begin SR 84 and I-680 Widening**

- **Key Roadway Components**
  - Large volume of Roadway Excavation (235K CY with approximately 55K CY of excess material for off-site hauling)
  - 190K Tons of HMA paving
  - Several shallow depth drainage box culverts
  - Planting and Irrigation at GE and SFPUC sites
  - Highway lighting and traffic signals
  - Electronic Toll system

#### Stage 3
**Complete I-680 Construction Continue SR 84 Construction**

- **Key Structures Components**
  - Structures ~35% of work
    - 5 bridge widenings
    - 2 new bridges
    - Settlement Periods – up to 60 days
    - 20 Ret Walls (MSE, SN, SP and cantilever walls)
  - 15 gantry sign structures

#### Stage 4
**Complete SR 84 Complete Wall/Bridge Construction Toll System Installation**
Traffic Management Strategy

“Safety + Minimize Public Inconvenience”

- Traffic use detours for ramp and full closures
- Restrictions on closures for holidays and special events

Daytime Work (7 AM to 5 PM-typical)
- Maintain existing lane configurations
- Shoulder closures
- Work behind K-rail

Nighttime Work (10 PM to 5 AM)
- Mainline lane closures
- Ramp closures
- Full Freeway Closure – overhead sign

Coordination

Note: All maps and figures for illustrative purposes only
Other Considerations

- Regulatory Permits
  - USACE 404
  - RWQCB 401
  - CDFW 1602
  - CDFW Incidental Take Permit
- Private property owners
- ETS Coordination

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Advertise and Award

- Caltrans Advertise Award Administer
  - [http://ppmoe.dot.ca.gov/des/oe/contractor-info.html](http://ppmoe.dot.ca.gov/des/oe/contractor-info.html)
    - 60 days minimum advertising
- Contracts subject to DBE
  - [https://dot.ca.gov/programs/civil-rights/dbe-certification-information](https://dot.ca.gov/programs/civil-rights/dbe-certification-information)
  - Statewide goal is 17.6%
  - Good Faith Effort (Document, Document, Document)
    - Attend the pre-bid meeting
    - Certified to perform the work (suppliers, etc.)
    - Offer assistance with bonding/insurance
    - Ask for help
- Buy America
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<tr>
<th>Milestone</th>
<th>Gilman Phase 1 (POC)</th>
<th>Gilman Phase 2 (Roundabouts)</th>
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Questions/ Answers

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