



25th Avenue Grade Separation Measure A Funding Request

September 1, 2016
Board of Directors
Agenda Item # 10b



Overview

- San Mateo Funding Request
- Project Scope
- Project Cost Estimate
- Project Schedule
- Coordination with Electrification
- Project Funding Plan
- Special Circumstances Consideration
- Schedule



San Mateo Funding Request

- **Project: 25th Ave. Grade Separation**
- **Phase: Construction**
- **Cost Estimate: \$165.3 mil**

Measure A request:	\$ 65.3 mil.
State High Speed Rail Authority:	\$ 84.0 mil.
Caltrans Section 190 Program:	\$ 10.0 mil.
<u>City of San Mateo match:</u>	<u>\$ 6.0 mil.</u>
Total:	\$165.3 mil.

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Project Scope

- **Construct Grade Separation at 25th Avenue, along with elevated rail between Hillsdale and Highway 92**
- **Relocate Hillsdale Station and provide station access and parking**
- **Construct East-West connections at 28th and 31st Avenues**

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Cost Estimate by Element

• Grade Separation at 25th Ave., Elevated rail from Hillsdale Ave. to Highway 92	\$134.0 mil.
• Relocated Elevated Hillsdale Station (including Station Access and Parking)	\$33.8 mil.
• East-West Connections at 28th and 31st Avenues	<u>\$12.2 mil.</u>
Total	\$180.0 mil.

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Cost Estimate by Phase

• Prelim. Engineering & Environmental Review	\$3.5 mil.
• Final Design	\$7.2 mil.
• Right-of-Way Acquisition & Utility Relocation	\$4.0 mil. ¹
• Construction	<u>\$165.3 mil.</u>
Total	\$180.0 mil.

1) Right-of-Way costs do not include the value of approximately 4 acres of TA owned land needed for the project that is in the process of being appraised.

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Schedule

- **PE/ENV¹:** July 2014 – Aug. 2016
- **Final Design & ROW²:** Dec. 2015 – July 2017
- **Bid & Award:** Nov. 2016 – April 2017
- **Construction:** May 2017 – Oct. 2019

Footnotes

- 1) PE/ENV = Preliminary engineering/environmental
- 2) ROW = Right of way

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Coordination with Electrification

- **Electrification construction to start Spring 2017**
- **San Mateo needs to secure construction funds now to begin construction by mid-2017**
- **Construction of grade separation needs to start by mid-2017 to be completed before the installation of the Electrification Overhead Contact System**

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Grade Separation at 25th Ave.



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Elevated Track



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Relocated Hillsdale Station



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East-West Connection at 28th Ave.



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Overall Project Funding Plan

Overall Funding Plan					
Work Phase	Funding Sources				Total
	Measure A	San Mateo	State Section 190	State High Speed Rail Authority	
Environmental ¹	\$3,700,000	\$1,000,000	\$ -	\$ -	\$4,700,000
Design	\$3,000,000	\$3,000,000	\$ -	\$ -	\$6,000,000
Right of Way ²	\$2,000,000	\$2,000,000	\$ -	\$ -	\$4,000,000
Construction	\$65,300,000	\$6,000,000	\$10,000,000	\$84,000,000	\$165,300,000
Total	\$74,000,000	\$12,000,000	\$10,000,000	\$84,000,000	\$180,000,000

- 1) \$1.2 mil of cost savings from \$4.7 mil. allocated to the environmental phase is proposed to be re-programmed and re-allocated to the design & right of way phases of work.
- 2) Right of way costs do not include the value of approximately 4 acres of TA owned land needed for the project that is in the process of being appraised.

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Special Circumstance Considerations

- **Urgency**
 - ✓ Significant cost savings
 - ✓ Safety improvement
 - ✓ Potential loss of funds
- **Impact to Measure A program**
 - ✓ Grade Separation Program balance through FY2017: \$ 36.5 mil
 - ✓ Annual receipts – approximately \$12 mil.
 - ✓ Staff currently evaluating whether funds can be borrowed from other TA programs, if needed to cash flow project

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Schedule

- **August 2016:**
 - San Mateo submits letter requesting Measure A construction allocation
 - State High Speed Rail Authority authorizes MOU for \$84 mil. to project
- **September 2016:**
 - Information item on 25th Avenue Grade Separation
- **October 2016:**
 - TA action on 25th Avenue Grade Separation funding request