



Broadway Grade Separation Measure A Funding Request

March 2, 2017
Board of Directors
Agenda Item # 10a



Overview

- History and Need
- Funding Request
- Project Study Report
- Project Scope
- Order of Magnitude Funding Plan
- Project Schedule
- Consistency with Evaluation Criteria
- Next Steps



History and Need

- TA allocated \$1 million for Broadway Grade Separation Project Study Report in Nov. 2013
- Purpose of Broadway Grade Separation is to improve traffic safety, reduce congestion and improve railroad operational efficiency
- Broadway is a main artery into Burlingame connecting hotels, industry, commercial areas and transit
- Broadway is one of the busiest local arterials on the Peninsula with over 70,000 average daily vehicles and is the 2nd highest ranked priority grade separation in the State by the CPUC

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Project Location



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Burlingame Funding Request

- **Status: Completed Project Study Report**
- **Request: Preliminary Engineering/ Environmental & Final Design**
- **Cost Estimate: \$17.75 mil**

Phase	Measure A Request	Match to be secured by City	Total
Preliminary Engineering/ Environmental (PE/ENV)	\$3,850,000	\$500,000	\$4,350,000
Final Design (PS&E)	\$7,000,000	\$6,400,000	\$13,400,000
Totals	\$10,850,000	\$6,900,000	\$17,750,000

- **Per the grade separation programming guidelines, project to complete environmental review prior to request for funding for final design**

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Project Study Report

Six design alternatives studied:

<u>Alternative</u>	<u>Estimate*</u>
A. Partially elevate railroad, partially depress roadway	\$250 mil.
B. Partially elevate roadway, partially depress railroad	\$465 mil.
C. Railroad at-grade, depress roadway	\$345 mil.
D. Railroad at-grade, elevate roadway	\$370 mil.
E. Roadway at-grade, depress railroad	\$910 mil.
F. Roadway at-grade, elevate railroad	\$495 mil.

*Order of magnitude implementation estimates are for long-range planning purposes only

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Current Project Scope

- Preferred alternative with support from City Council and public
 - Alternative A: Partially elevate railroad, partially depress Broadway



- Partially depress adjoining frontage streets California Drive and Carolan Avenue
- Reconstruct Broadway Station, reconfigure boarding platforms to meet hold-out rule
- JPB to lead next phase of work for PE/ENV in coordination with City of Burlingame

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Conceptual Cross Sections



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Prospective View Looking West



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Prospective View Looking East



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Order of Magnitude Funding Plan

Phase	Measure A Request	Matching Funds ¹	Total Cost
Project Study Report (PSR)	\$1,000,000 ²	-	\$1,000,000
Preliminary Engineering/ Environmental (PE/ENV)	\$3,850,000	\$500,000	\$4,350,000
Final Design (PS&E)	\$7,000,000	\$6,400,000	\$13,400,000
Right of Way (ROW)	\$10,100,000	\$14,850,000	\$24,950,000
Construction	\$94,400,000	\$112,900,000	\$207,300,000
Totals	\$116,350,000	\$134,650,000	\$251,000,000

Footnotes

- 1) The City of Burlingame will be seeking matching funds from a combination of local, state and federal sources
- 2) The TA allocated \$1 million in Measure A funds for the PSR in November 2013

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Projected Schedule

Phase	Start	End
Project Study Report (PSR)	June 2014	January 2017
Preliminary Engineering/ Environmental (PE/ENV)	April 2017	September 2019
Final Design (PS&E)	October 2019	September 2021
Construction	January 2022	April 2024

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Meets Evaluation Criteria

- Project provides vital safety and circulation improvements
- Implements 2nd highest ranked priority grade separation in the State's PUC 190 listing
- Can alleviate congestion and traffic queuing that extends to 101 and reduce emergency services response times
- Completed PSR, ready to proceed with PE/ENV work
- Leverages local funding match
- Improves access to Broadway commercial district, supporting economic development

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Next Steps

- March 2nd, Board action on funding request for \$3.85 million
- March 15th, Burlingame Council action on mid-year budget amendment to secure \$500,000 of local match
- TA executes MOU with Burlingame and JPB

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