



Major Project Advancement Policy Update and Revisions

Programming and Allocations Committee
May 10, 2023

Proposed 2023 MAP Update

1. February – Information item on MAP Stage Gate Evaluation Policy and Procedure and MAP Programmatic Categories

2. April and May Updates from project Sponsors on Megaprojects:

1. MAP Level 1: BART Core Capacity* and VTA's BART to Silicon Valley II

2. MAP Level 2: TJPA - The Portal (DTX) and Valley Link

* BART Core Capacity update to PAC tentatively scheduled for later in 2023 – project currently undergoing FTA Risk Assessment

3. Summer/Fall 2023 – Consider adoption of MAP Revisions

1. Revised Endorsement Table

2. Stage Gate Evaluation Policy and Procedure

3. Programmatic Categories including establishing MAP Level assignments for some categories

MAP Funding Endorsement Table

Adopted Oct 2022

in \$Millions

Project/Program Title	Sponsor	Cost	Funding Gap	CIG	Other Federal	TIRCP Base	TIRCP Augment 1*	TIRCP Augment 2	SB1	Other State	Other Local/Regional	Anticipated	Total Endorsement												
Revenue Envelope:				\$	5.8	\$	8.8	\$	2.5	\$	1.30	\$	0.8	\$	2.3	\$	2.1	\$	3.8	\$	10.6	\$	38.1		
Level 1 -- Projects In, or Nearing Construction																									
Peninsula Corridor Electrification Project	Caltrain	\$ 2.4	\$ 0.41	\$	0.05	\$	0.06	\$	-	\$	0.30	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	0.41
BART Core Capacity Program	BART	\$ 4.4	\$ 0.66	\$	0.06	\$	-	\$	-	\$	0.25	\$	0.35	\$	-	\$	-	\$	-	\$	-	\$	-	\$	0.66
BART to Silicon Valley Phase II	VTA	\$ 9.0	\$ 3.29	\$	2.1	\$	-	\$	-	\$	0.45	\$	0.30	\$	-	\$	-	\$	-	\$	0.5	\$	-	\$	3.30
Level 1 Megaprojects Contingency	N/A	\$ 0.5	\$ 0.40	\$	-	\$	0.05	\$	-	\$	-	\$	0.10	\$	-	\$	-	\$	-	\$	-	\$	0.3	\$	0.40
Level 1 ZEB Projects		\$ 1.3	\$ 1.31	\$	-	\$	1.11	\$	0.10	\$	0.10	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1.31
Level 1 BRT Projects		\$ 0.4	\$ 0.33	\$	0.3	\$	0.03	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	0.33
Transit Service Improvements and Modernization		\$ 1.3	\$ 0.75	\$	-	\$	0.31	\$	0.35	\$	-	\$	-	\$	0.1	\$	-	\$	-	\$	-	\$	-	\$	0.75
Grade Separations		\$ 0.3	\$ 0.15	\$	-	\$	0.05	\$	-	\$	0.1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	0.15
Express Lanes Projects		\$ 1.0	\$ 0.96	\$	-	\$	0.10	\$	-	\$	-	\$	-	\$	0.3	\$	-	\$	-	\$	-	\$	0.6	\$	0.96
Other Roadway/ATP Projects Under \$250 M		\$ 0.3	\$ 0.25	\$	-	\$	0.10	\$	-	\$	-	\$	-	\$	0.1	\$	0.1	\$	-	\$	-	\$	-	\$	0.25
Level 1 Subtotal		\$ 20.9	\$ 8.5	\$	2.5	\$	1.7	\$	0.5	\$	1.2	\$	0.8	\$	0.4	\$	-	\$	0.5	\$	0.8	\$	0.8	\$	8.5
Level 2 -- Projects Ready for Construction																									
Revenue Envelope:				\$	3.3	\$	7.1	\$	2.0	\$	0.1	\$	0.1	\$	1.9	\$	2.1	\$	3.3	\$	9.8	\$	29.6		
Caltrain Downtown Extension (DTX)**	TJPA	\$ 6.5	\$ 4.2				\$ 0.50	\$ 0.06																	\$ -
Valley Link Rail Project - Initial Operating Segment	Valley Link	\$ 1.9	\$ 1.2				\$ 0.30	\$ 0.04																	\$ -
Level 2 Megaprojects Contingency	N/A	\$ 0.4	\$ 0.4																						\$ -
Level 2 ZEB Projects		\$ 1.3	\$ 1.3				\$ 0.10	\$ 0.05																	\$ -
Level 2 BRT Projects		\$ 0.3	\$ 0.3																						\$ -
Transit Service Improvements and Modernization		\$ 1.0	\$ 0.7				\$ 0.30																		\$ -
Grade Separations		\$ 0.8	\$ 0.7																						\$ -
Express Lanes Projects		\$ 1.0	\$ 1.0																						\$ -
Goods Movement		\$ 0.6	\$ 0.3																						\$ -
Roadway-Other		\$ 0.7	\$ 0.7																						\$ -
Level 2 Subtotal		\$ 14.4	\$ 10.7	\$	-	\$	-	\$	1.2	\$	0.1	\$	0.1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

= Likely future endorsement areas

* MTC proposes to limit TIRCP Augment 1 endorsements for existing TIRCP projects to Level 1 Megaprojects

**The DTX project cost increase is attributable to inclusion of construction cost for the trainbox under the Salesforce Center that was completed in 2018.

MAP Report Card: 2023 State TIRCP Funding Awards

- Bay Area Received 79% of non-SoCal TIRCP awards (37% of Statewide Total) – Awards Generally Consistent with MTC MAP Endorsement Framework

Project	MAP Endorsement for TIRCP Cycle 6	Actual TIRCP Cycle 6 Awards
Peninsula Corridor Electrification Project	\$300 million	\$367 million
BART Core Capacity Program	\$250 million	\$250 million
BART to Silicon Valley Phase II	\$450 million	\$375 million
Caltrain Downtown Extension (The Portal)	\$60 million	\$60 million
Valley Link	\$40 million	\$25 million
Other Transit Projects*	\$110 million	\$109 million

**Endorsed projects may differ from projects awarded funds.*

MAP Report Card: Federal Funding Update

- Awards/Actions Generally Consistent with MTC MAP Endorsement Framework

Project	Funding Source/Action	Federal Funding Amount (if applicable)
MAP LEVEL 1		
Peninsula Corridor Electrification Project	Received FY 23 Supplemental Federal CIG Funding – Project Fully Funded	\$43 million
BART Core Capacity Program	Received FY 23 Supplemental Federal CIG Funding	\$40 million
BART to Silicon Valley Phase II	Accepted into New Starts program for Project Development. Included in President’s FY 24 budget	\$500 million
MAP LEVEL 2		
Caltrain Downtown Extension (The Portal)	Accepted into New Starts Program for Project Development	
Valley Link	Accepted into New Starts Program for Project Development	

Updates to Project Costs and Funding

- Update the funding endorsement table to reflect:
 - Announced cost increases to megaprojects since October 2022
 - Announced grant awards, sales tax expenditure plan approvals, other new funding
- Consider rebalancing of endorsement table based on announced awards or new funding availability
- Fall 2023 and future MAP Endorsement table updates are dependent on timing of state and federal awards and finalization of the State budget which establishes TIRCP Augment 2 funding amounts

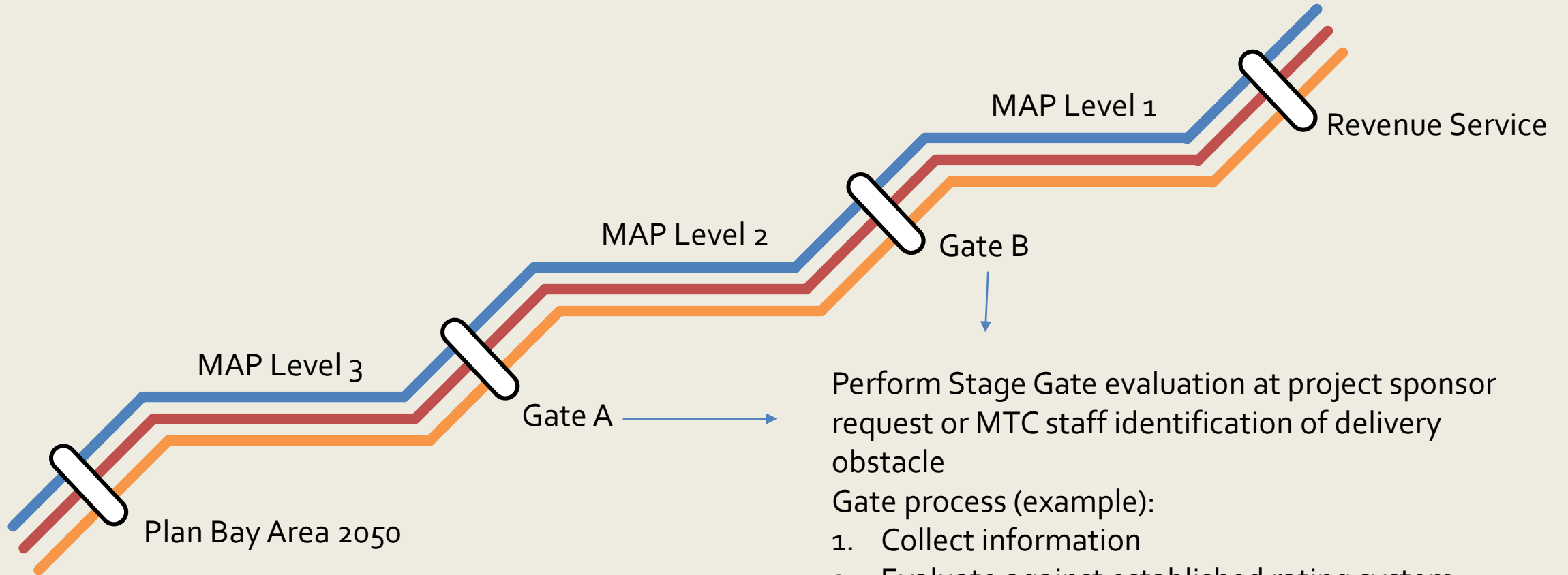
Adopt Stage Gate Evaluation Policy and Procedure

- Establish Principles for Stage Gate Evaluation
- Establish framework for Evaluations focused on:
 - Cost and Funding
 - Adherence to Plan Bay Area and regional policies
 - Risk Management through partnerships with sponsors, funding partners and transit providers
- Establish process for Evaluations
 - Requests for entry into MAP or movement between MAP Levels
 - Evaluation Components
 - Recommendations to MTC for action

Stage Gate Evaluation Process –Principles Under Consideration

1. Focus on the needs and experience of the customer
2. Adapt to Plan Bay Area updates and fiscal constraint of Plan
3. Provide regional leadership and partnership to assist in delivering projects
4. Grow the partnership with the state and federal governments to improve the regional transportation system
5. Develop a regional forum of peers with expertise in project delivery

Stage Gate Process - Illustration



Perform Stage Gate evaluation at project sponsor request or MTC staff identification of delivery obstacle

Gate process (example):

1. Collect information
2. Evaluate against established rating system
3. Develop staff recommendation (i.e. should the project change levels?)

3. Programmatic Categories

- Adopted MAP includes six programmatic categories for projects under \$1 billion in capital cost
- Staff propose to address evaluation and prioritization of projects for each category separately, accounting for differences between the types of projects in each category, with potential Level assignments for some categories.