

# Metropolitan Transportation Commission Programming and Allocations Committee

February 12, 2014

Agenda Item 3a

## Regional Measure 2: Capital Program Update

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**Subject:** Regional Measure 2 (RM2) Strategic Delivery Plan

**Summary:** The RM2 program will reach its 10<sup>th</sup> anniversary in March 2014. Over \$1.2 billion in RM2 capital funds of the \$1.5 billion available have been allocated. In April 2013, this Committee directed staff to develop a delivery strategy for the approximately \$225 million in unallocated RM2 project funds. Of the \$225 million, some projects are still not fully funded and do not have a good prospect of being fully funded in the near term. Other projects are experiencing implementation challenges due to lack of consensus on scope or complications in obtaining environmental approval.

As summarized in Attachment A and detailed in the presentation, the initial recommendations include delivering existing RM2 projects and reassigning RM2 funds from projects that don't have a viable strategy to eligible corridor projects that are ready-to-go. In addition, staff is recommending to direct approximately \$11 million in RM2 project savings to strengthen and reinforce funding plans for several corridor projects. For several projects, staff continues to work with project sponsors and intends to provide additional recommendations to this committee in the coming months.

### Initial RM2 Strategic Delivery Plan Recommendations

In September 2013, project sponsors submitted proposals to address remaining RM2 balances. Sponsor proposals included completing the original project, or reassigning RM2 funds to eligible projects in the same corridor. In some cases, reassignment of funds would require a public hearing pursuant to California Streets and Highway Code Section 30914(f).

Staff has been evaluating the proposals based on the following:

- Scope: focus on deliverable construction segments
- Schedule: construction underway in the near term
- Budget: fully funded useable segment
- Consistency with regional priorities: project reinforces Resolution 3434, Regional Express Lane Network, Priority Development Areas, Transit Sustainability Project, or other Commission priority.

Based on sponsor proposals and staff review, the recommended approach is a mix of original projects and new or amended projects for a total RM2 investment of \$236.3 million.

	Number of Projects	Current Unallocated (\$ millions)
Retain RM2 project – funding and scope	9	113.2
Redirect funds to another project or make significant scope change	7	111.6
Redirect cost savings to other projects in corridors	3	11.5
<b>Total</b>	<b>19</b>	<b>236.3</b>

### RM2 Strategic Delivery Timeline

Below is a proposed schedule for the implementation of the plan.

- February 2014 Committee Meeting: Staff presents update and initial recommendations for Committee input
- March 2014 Committee Meeting: Committee authorizes RM2 Public Hearing and sets 30-day public comment period
- April 2014 Committee Meeting: RM2 Public Hearing
- May 2014 Committee Meeting: Staff report on public comment and referral of RM2 Strategic Delivery Plan to Commission
- May 2014 Commission Meeting: Adoption of RM2 Strategic Delivery Plan and allocations for ready-to-go projects

Staff is seeking feedback from the Committee on these initial recommendations. Based on Committee input and additional sponsor information, staff intends to return in March with a refined recommendation to begin the RM2 public hearing process.

**Recommendation:** Information.

**Attachments:** 1) Attachment A – Summary of Proposed RM2 Changes  
2) Presentation Slides

**Summary of Proposed RM2 Changes (\$ millions)**

Proj. No.	Delivery Strategy Projects	Total RM2 Funding	Current Unallocated Balance	Proposed Funding Change	Proposed RM2 Funds Balance	Actions
1	BART/Muni Connection at Embarcadero and Civic Center	3.0	3.0	-	3.0	Scope change: Extend new elevator in Powell Station
4.1	Dumbarton Rail	43.9	34.8	(34.8)	-	Transfer: \$20M to Caltrain Electrification Transfer: \$14.8M to Dumbarton Express buses
5	Vallejo Station	28.0	10.0	(2.0)	8.0	Retain: \$8M for Surface Lot/ USPS Relocation Transfer: \$2 M Vallejo Curtola Transit Center
9	Richmond Parkway Park & Ride	16.0	15.2	(12.2)	3.0	Retain: \$3M for Park & Ride improvements Transfer: \$12.2M to AC Transit BRT
11.1	US 101 Greenbrae Interchange Improvements	48.7	39.8	(20.0)	19.8	Scope change: \$19.8M to Bike/Ped Projects Transfer: \$20M to SMART Extension to Larkspur
12.2	I-680 Southbound HOV Lane Gap Closure	14.0	7.3	+ 5.4	12.7	Retain: Complete original project Receive: \$5.4M from Caldecott Tunnel (cost savings)
14.2	Fairfield/Vacaville Intermodal Train Station	21.0	15.3	+ 11.0	26.2	Receive: \$7.7M from Fairfield Transit Center Receive: \$3.2M from Vacaville Transit Center (cost savings)
6.1/17.1	Vallejo Curtola Transit Center	11.8	8.4	+ 3.1	11.5	Receive: \$2M from Vallejo Station Receive: \$1.1M from Express Bus North: Macdonald Ave
6.3/17.2	Fairfield Transit Center	7.8	7.7	(7.7)	-	Transfer: Balance to Fairfield/Vacaville Train Station
17.4	Express Bus North: Benicia Park/Industrial Park and Ride	1.3	0.9	-	0.9	Retain: Complete original project
17.8	Express Bus North: Macdonald Ave Bus Stop Amenities	1.1	1.1	(1.1)	-	Transfer: Balance to Vallejo Curtola Transit Center
17.10	Express Bus North - Golden Gate Transit Bus Purchase	1.6	1.6	-	1.6	Retain: Complete original project
24.5	AC Transit Bus Rapid Transit	65.0	39.8	+ 12.7	52.6	Retain: Complete original project Receive: \$12.2M from Richmond Parkway Park & Ride Receive: \$0.6M from Express Bus South (cost savings)
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay (Vessels)	12.0	8.0	-	8.0	Retain: Complete original project
26	Commute Ferry Service for Berkeley/Albany/Richmond (Vessels)	12.0	12.0	-	12.0	Retain: Complete original project
28	Water Transit Facility Improvements (SF Terminal)	48.0	19.8	-	19.8	Retain: Complete original project
<b>Subtotal</b>		<b>335.0</b>	<b>224.8</b>	<b>(45.6)</b>	<b>179.2</b>	
Proj. No.	Related Projects -- Donors or Recipients	Total RM2 Funding	Unallocated Balance/ Cost Savings	Proposed Funding Change	Proposed RM2 Funds Balance	Action
6.4/17.3	Vacaville Intermodal Facility	7.3	3.2	(3.2)	-	Transfer: Balance to Fairfield/Vacaville Train Station
29	Express Bus South	22.0	2.9	(2.9)	-	Transfer: \$0.6M to AC Transit BRT Transfer: \$2.3M to I-880 North Safety Improvements
30	I-880 North Safety Improvements	10.0	-	+ 2.3	2.3	Receive: \$2.3M from Express Bus South (cost savings)
36	Caldecott Tunnel Improvements	50.5	5.4	(5.4)	-	Transfer: Balance to I-680 Southbound HOV Gap Closure
N/A	Caltrain Electrification	-	-	+ 20.0	20.0	Receive: \$20M from Dumbarton Rail
(10)	SMART Extension to Larkspur	-	-	+ 20.0	20.0	Receive: \$20M from US 101 Greenbrae Interchange
(4)	Dumbarton Express Bus - Capital	-	-	+ 14.8	14.8	Receive: \$14.8M from Dumbarton Rail
<b>Subtotal</b>			<b>11.5</b>	<b>45.6</b>	<b>57.1</b>	
<b>Total</b>			<b>236.4</b>	<b>-</b>	<b>236.4</b>	

# Regional Measure 2 Delivery Strategy Update

Programming and Allocations Committee

February 12, 2014

Metropolitan Transportation Commission

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## Delivery Strategy

- 10 years since RM2 approved by voters
- April 2013 PAC Direction – Address RM2 projects with slow or stalled delivery
- September 2013 - Project sponsors submitted proposals for unallocated balances
- September – December 2013 – Staff has been evaluating proposals and conducted a preliminary feasibility assessment based on:
  - Scope: deliverable construction segments
  - Schedule: near term
  - Budget: fully funded
  - Support Regional Priorities

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## Summary

- 19 projects in Delivery Strategy (16 stalled and 3 w/cost savings)
- Staff recommendation supports a mix of original projects and new/amended projects

	Number of Projects	Current Unallocated (\$ millions)
Retain RM2 project – funding and scope	9	113.2
Redirect funds to another project or make significant scope change	7	111.6
Redirect cost savings to other projects in corridors	3	11.5
<b>Total</b>	<b>19</b>	<b>236.3</b>

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## Delivery Strategy: Retain Original Project

	Unallocated Amount (\$ millions)
AC Transit– Bus Rapid Transit	39.8
Water Transit Facility Improvements (SF)	19.8
Fairfield/Vacaville Intermodal Train Station	15.3
Commute Ferry Service for Berkeley/Albany	12.0
Vallejo Curtola Transit Center	8.5
Commute Ferry Service for Alameda/Oakland/Harbor Bay	8.0
I-680 Southbound HOV Lane Gap Closure	7.3
Express Bus North	
Golden Gate Transit Bus Purchase	1.6
Benicia Park/Industrial Park & Ride	0.9
<b>Total</b>	<b>113.2</b>

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## Delivery Strategy: Transfer to Another Project/Change Scope

	Unallocated Amount (\$ millions)
US 101 Greenbrae Interchange	39.8
Dumbarton Rail	34.8
Richmond Parkway Park & Ride	15.2
Vallejo Station	10.0
Fairfield Transit Center	7.7
BART/Muni Connection	3.0
Express Bus North - Macdonald Ave Bus Stop Amenities	1.1
<b>Total</b>	<b>111.6</b>

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## Delivery Strategy: Project Cost Savings

- Principles for \$11.5 million in savings:
  - Support ready-to-go corridor projects
  - Strengthen corridor project funding plans

	Savings (\$ millions)	Corridor Projects Proposed to Receive Savings
Express Bus South	2.9	I-880/23 <sup>rd</sup> /29 <sup>th</sup> Street Project (\$2.3M) AC Transit Bus Rapid Transit (\$0.6M)
Caldecott Tunnel	5.4	I-680 Southbound HOV Gap Closure
Vacaville Transit Center	3.2	Fairfield/Vacaville Train Station
<b>Total</b>	<b>11.5</b>	

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## Projects Proposed to be Retained – Original Scope and Funding

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## Projects Being Retained – Original Scope & Funding

Project	RM2 Funds Unallocated	Current Status	Expected CON Start
WETA – San Francisco Terminal Improvements	\$19.8 million	<ul style="list-style-type: none"> <li>Can complete Phase A (new dock at SF ferry terminal)</li> <li>Currently in environmental process</li> </ul>	2016
WETA – Commute Ferry Service for Alameda/Oakland/Harbor Bay	\$8 million	<ul style="list-style-type: none"> <li>Plan to purchase replacement vessels</li> <li>\$4 million allocated in Dec. for first vessel</li> </ul>	2014
Express Bus North – Golden Gate Transit Bus Purchase	\$1.6 million	<ul style="list-style-type: none"> <li>Match to federal funds for bus replacement</li> </ul>	2014
Benicia Park/Industrial Park & Ride	\$0.9 million	<ul style="list-style-type: none"> <li>New park &amp; ride facility for bus service to Vallejo/BART</li> <li>Currently negotiating ROW, environmental complete</li> </ul>	2014

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## Projects Proposed to be Retained – Changes to scope or funding plan

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## AC Transit – Bus Rapid Transit

High frequency bus rapid transit from San Leandro to Oakland

- Resolution 3434 project
- Federal Record of Decision for Environmental Clearance obtained in 2013
- \$75 Million Federal Small Starts Funding Agreement expected in Late 2014
- Funding plan includes Alameda County STIP Funds outside of project timeline – AC Transit, ACTC and MTC finalizing plan to accelerate funding



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## AC Transit – Bus Rapid Transit (\$39.8 million RM2)

RM2 Recommendations	RM2 Funds
Retain RM2 project funding	\$39.8 million
Receive transfer from Richmond Parkway Park & Ride	\$12.2 million
Receive transfer from Express Bus South project savings	\$0.6 million



- Includes Full Funding Plan for \$178 million project
- Funding plan requires payback from future Alameda County STIP

Requires public hearing

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## AC Transit – Bus Rapid Transit Proposed Funding Plan

Fund Source	Budget	Proposed
FTA Small Starts	75.0	75.0
FTA Bus	3.1	3.1
Measure B	9.4	9.4
RM2 Original Funding	44.9	44.9
STIP	41.4	14.7
RM2 Proposed Augmentation*	-	12.8
TPI Incentive (FY14-FY16) / AB664 Loan*	-	13.9
Other	4.3	4.3
<b>Total</b>	<b>178.1</b>	<b>178.1</b>

\* Requires repayment of \$21.1M in Alameda County RTIP, or other. If RTIP, MTC may program funds directly from Alameda County share.

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## AC Transit – Richmond Parkway Park & Ride (\$15.2 million)

Original Project	RM2 Funds
Construct parking structure at site of current lot <ul style="list-style-type: none"> <li>Not recommended due to high cost and insufficient demand</li> </ul>	\$15.2 million
Recommendations	RM2 Funds
1. Complete Park & Ride Surface Improvements	\$3 million
2. Shift to AC Transit Bus Rapid Transit project	\$12.2 million*

\* Future allocation subject to ACTC commitment of \$12.2M in future STIP funds to fund AC Transit improvements in Contra Costa County.

Requires public hearing



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## I-680 Southbound HOV Lane Gap Closure

Additional 5.4 miles of HOV lane on I-680 to complete HOV lane system from Benicia-Martinez Bridge to Alameda County Line

- Part of Regional Express Lane Network
- Environmental phase completion expected in 2014
- Lack of funding delayed project
- Construction start expected 2016



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## I-680 Southbound HOV Lane Gap Closure (\$7.3 million)

### Recommendations

- Retain \$7.3 million in unallocated RM2 funds on project
- Receive transfer of \$5.4 million in RM2 funds from Caldecott Tunnel project savings
  
- Funding partners have reached a tentative agreement on funding plan including the following sources:
  - *Measure J (Caldecott savings)*
  - *STIP (Contra Costa share)*
  - *Express Lanes Funding (BATA)*

Requires public hearing  
(Caldecott Tunnel savings)



## I-680 Southbound HOV Lane Gap Closure Funding Plan

<b>Existing Funding Sources</b>	<b>Funding (In Million \$s)</b>
Measure J	30.2
RM2	4.8
STIP	5.6
<b>Subtotal</b>	<b>40.6</b>
<b>New Funding Sources / Value Engineering</b>	
Value Engineering	20.0
Caldecott Savings (Measure J & RM2)	12.0
Additional BATA	22.0
Additional STIP	10.0
<b>Subtotal</b>	<b>64.0</b>
<b>Total Current Project Cost Estimate</b>	<b>104.6</b>

*Note: Funding plan for HOV gap closure only. Additional RM2 funding reserved for Express Lanes expansion.*

## Solano County Projects

- STA proposal to consolidate funding on key, ready-to-go projects
  - Vallejo Station
  - Vallejo Curtola Transit Center
  - Fairfield/Vacaville Train Station
- Complex projects with some funding questions still to be resolved



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## Vallejo Station

Project Status	Remaining RM2 Funds
PDA mixed use project with two major transit elements – bus transfer facility and adjacent 1,200 space parking garage for ferry patrons <ul style="list-style-type: none"> <li>• Phase A Parking Structure Delivered</li> <li>• Phase B plan includes relocation of U.S. Post Office to construct parking structure, opportunity for mixed-use development</li> </ul>	\$10.0 million

### Recommendations

- Fund relocation of the U.S. Post Office and construction of surface parking lot (\$8 million)
- Transfer \$2 million to Vallejo Curtola Transit Center



Requires public hearing

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## Vallejo Curtola Transit Center

Project Status	RM2 Funds
Expansion/improvements at Park & Ride lot near I-80 used by SolTrans <ul style="list-style-type: none"> <li>Reinforces recent Solano County transit coordination and TSP</li> <li>Environmental clearance obtained in 2012</li> <li>Construction allocation expected in 2014</li> </ul>	\$8.5 million
<b>Recommendations</b> <ul style="list-style-type: none"> <li>Receive \$2 million from Vallejo Station</li> <li>Receive \$1.1 million from Express Bus North</li> </ul>	

Requires public hearing

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## Express Bus North – MacDonald Ave Bus Stop Amenities (\$1.1 million)

- Due to route realignments and other operational considerations, original project, sponsored by Golden Gate Transit, no longer feasible
- Express Bus North projects not specified in RM2 legislation; selected by MTC in competitive process
- Staff recommends redirecting \$1.1 million to Vallejo Curtola Transit Center, which supports express bus service in the northern bridge corridor

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## Fairfield and Vacaville Transit Centers

### Project Status

#### Fairfield Transit Center

- Original project: expand parking at existing transit center
- Insufficient funds available to fund expansion.

#### Vacaville Transit Center (cost savings)

- Phase I completed with \$3.2 M in cost savings
- City of Vacaville has long range plan to expand based on future demand, pending available funding

### Recommendations

- Do not proceed with Fairfield Transit Center project and Phase 2 of Vacaville Transit Center at current time.
- Transfer \$10.9 million from projects to Fairfield/Vacaville Intermodal Train Station.



Requires public hearing

## Fairfield/Vacaville Intermodal Train Station

### Project Status

- Environmental (CEQA) and Design complete, utility relocation in progress
- RM2 transfers would fund operable train stop
- Funding gap for full project
- Additional funding/financing opportunities include TCIF, state infrastructure bank

### RM2 Funds

\$15.2 million

### Recommendations

- Receive \$10.9 million from Fairfield and Vacaville Transit Centers
- Construct usable segment



Requires public hearing

## WETA – Commute Ferry Service for Berkeley/Albany/Richmond (\$12 million)

### Original Project

Purchase two vessels for new SF – East Bay service

- RM2 legislation specifies Berkeley/Albany service
- Richmond first priority for funds if Berkeley/Albany not feasible
- Completion of environmental phase for Berkeley/Albany expected in 2014



WATER EMERGENCY TRANSPORTATION AUTHORITY

### Recommendations

- Provide extended deadline to April 2015 for purchase of vessels, given the legislative direction

[Redacted content]

## Projects Not Moving Forward

[Redacted content]

## Projects Not Moving Forward

- Three projects not moving forward at this time, per project sponsors
- Major scope changes or redirection of funds
- For plans requiring further development:
  - Additional stakeholder meetings
  - Report back to Commission

Project	RM2 Funds (\$ millions)
BART/Muni Connection	3.0
US 101 Greenbrae Interchange Improvements	39.8
Dumbarton Rail	34.8
<b>Total</b>	<b>77.6</b>

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## BART/MUNI Connection (\$3.0 million)

Original Project	RM2 Funds
BART/MUNI platform connection at Embarcadero and Civic Center stations <ul style="list-style-type: none"> <li>• Infeasible within available funding</li> </ul>	\$3.0 million

### Recommendations

- Extend new Powell Street Station elevator from MUNI platform to BART platform
- New elevator related to Central Subway project
  - Benefits both BART and MUNI by providing elevator redundancy



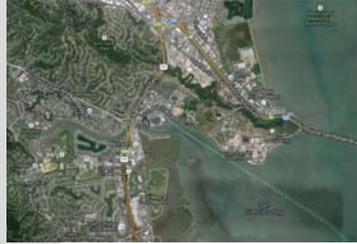
Requires public hearing

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## US 101 Greenbrae Interchange

### RM2 Legislation:

- Enhanced regional/local and multimodal access around Greenbrae Interchange
- Some improvements completed or underway:
  - Cal Park Hill tunnel
  - Bike/Ped access around ferry terminal
  - Sir Francis Drake roadway



### TAM Recommendation:

- No freeway interchange project
- Proposed numerous, multimodal projects and study efforts

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## US 101 Greenbrae Interchange (\$39.8 million)

### Recommendation Principles

- Do not construct freeway interchange
- Focus on deliverable transportation improvements; do not fund studies
- Support original RM2 legislation by constructing bicycle/pedestrian improvements
- Improve Richmond-San Rafael bridge access with BATA funds\*
- Invest in local and intra-county transit by transferring funds to SMART

\* Subject to BATA approval

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## US 101 Greenbrae Interchange Proposed Funding Redirection

Recommendations	RM2 Funds
Sonoma-Marín Area Rail Transit (SMART) <ul style="list-style-type: none"> <li>Fund elements in preparation for SMART Larkspur Extension, to include:                             <ul style="list-style-type: none"> <li>Andersen Drive Rail Crossing</li> <li>San Rafael Bettini Transit Center access improvements and potential future relocation</li> <li>Multi-purpose bike/pedestrian pathway</li> </ul> </li> </ul>	\$20 million



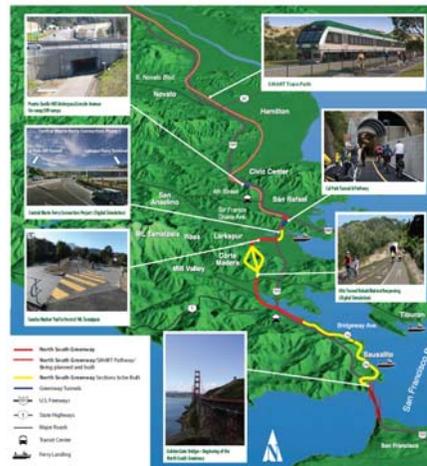
Requires public hearing

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## US 101 Greenbrae Interchange Proposed Funding Redirection

Recommendations	RM2 Funds	BATA Funds
Bike/Ped Improvements <ul style="list-style-type: none"> <li>Modified North South Greenway</li> <li>Bike/Ped path over Corte Madera Creek</li> </ul>	\$20 M	
Proposed BATA funding: <ul style="list-style-type: none"> <li>Extend Sir Francis Drake Auxiliary Lane on EB I-580</li> <li>Richmond-San Rafael Bridge EB PM Peak Third Lane and Bike Access</li> </ul>		\$70 M

The North South Greenway



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## Dumbarton Rail

- East to West Bay commuter rail service over Dumbarton Rail Bridge
- Policy Advisory Committee recommended not moving forward with project due to >\$300M shortfall
- Original RM2 funds: \$135M / Current: \$34.8M remaining (\$9.2M ENV and \$91M reassigned to Warm Springs\*)
- Potential replacement projects totaled over \$170 million

\* Requires Alameda County future repayment



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## Dumbarton Rail (\$34.8 million)

### Recommendation Principles

- Do not fund Dumbarton Rail
  - Support express bus corridor improvements
  - Support East and West Bay transit improvements
- Focus on deliverable transportation improvements; do not fund studies
- Support ready-to-go corridor projects by strengthening existing funding plans

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## Dumbarton Rail Proposed Funding Redirection

### Recommendations

- Transfer \$34.8 million remaining RM2 funds:
  - Dumbarton Bus fleet: \$14.8M
  - Caltrain Electrification: \$20 million (local match required)
- Recommend \$91 million investment in BART to Warm Springs/No future repayment from Alameda County



Requires public hearing

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## Follow-up Needed

### Funding Plans

- AC Transit Bus Rapid Transit
- Fairfield/Vacaville Train Station

### Scope/Sponsor Details

- WETA Berkeley/Albany/Richmond service
- SMART
- Caltrain Electrification
- Dumbarton Express Bus purchase

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## Next Steps

### Proposed Schedule:

February	Introduction and feedback, Information only
March	Refine plan, Committee action to approve start of public hearing process
April	Public hearing
May	Staff report of public comment and recommendation of actions to Committee. Commission adoption. Allocation to some projects as requested by sponsors.