

**Metropolitan Transportation Commission
Programming and Allocations Committee**

February 9, 2005

Item Number 3a

Resolution No. 3682

Subject: Allocation of \$247,000 (FY 2004-05) Regional Measure 2 Capital program funds to the TransLink® Golden Gate Ferry Terminal Fare Gate project.

Background: RM 2 provides \$22.0 million for TransLink® capital projects, with MTC as the designated project sponsor. MTC worked with the regional TransLink® Management Group (TMG), a group composed of MTC and a representation of the Bay Area transit operators, to adopt a non-prioritized, constrained program of TransLink® projects which are eligible to request RM2 funding.

On September 22, 2004, the Commission approved the first allocation of \$9.68 million for the RM2 TransLink® Project, MTC Resolution No. 3657. Funding was allocated to the San Francisco Bay Area Rapid Transit District (BART) for the integration of TransLink® into the BART ticket vending machines.

This month, Golden Gate Bridge Highway and Transportation District (GGBHTD) is requesting an allocation of \$247,000 for design work on the TransLink® Ferry Terminal Fare Gate project. Overall, GGBHTD will purchase and install 12 integrated fare gates that are TransLink® and single ticket compatible at the San Francisco and Larkspur Ferry terminals. Specifications for new fare gates include a TransLink® reader, single-ride ticket reader, and passenger counters. It is expected that Ferry commuters will use TransLink® as the primary payment option. This project will allow for more accurate fare collection and passenger counts, improve security and automation, and encourage the increased sale and use of TransLink® smart cards.

In order to combine all RM2 allocations for the TransLink® project under one resolution, Resolution No. 3682 supersedes Resolution No. 3657 and incorporates the previously approved allocation to BART. MTC Staff is requesting that the Committee take action on GGBHTD's allocation request of \$247,000. BART's September 2004 allocation has been incorporated in this resolution. Future allocations for the RM2 TransLink® project will be approved as revisions to MTC Resolution No. 3682.

Since July 2004, the Commission has approved \$158 million in allocations to thirty-three projects, thirty-one capital projects and two operating projects. With this February request, approximately 86% of the expected FY 2004-05 capital program allocations will have been approved, totaling \$153 million of the \$177 million expected total. For the operating program, a total of \$5.1 million has been approved as of December 2004.

Issues: None.

Recommendation: Refer Resolution No. 3682 to the Commission for approval.

Date: February 23, 2005
W.I.: 1255
Referred by: PAC

ABSTRACT

MTC Resolution No. 3682

This resolution approves the allocation of Regional Measure 2 funds for the TransLink® project sponsored by Metropolitan Transportation Commission (MTC) and the various Bay Area transit operators identified in Attachment A of this resolution, who are the implementing agencies. This resolution also transfers funds previously allocated under MTC Resolution No. 3657 to this resolution and supersedes MTC Resolution No. 3657.

This resolution includes the following attachments:

- Attachment A - Allocation Summary Sheets
- Attachment B - Project Specific Conditions
- Attachment C - MTC staff's review of Initial Project Reports (IPRs)
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

Additional discussion of this allocation is contained in the memorandum to the MTC Programming and Allocations Committee dated February 9, 2005.

Date: February 23, 2005
W.I.: 1255
Referred by: PAC

Re: Approval of Allocation of Regional Measure 2 funds for the TransLink® Project

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION No. 3682

WHEREAS, pursuant to Government Code Section 66500 et seq., the Metropolitan Transportation Commission (“MTC”) is the regional transportation planning agency for the San Francisco Bay Area; and

WHEREAS, Streets and Highways Code Sections 30950 *et seq.* created the Bay Area Toll Authority (“BATA”) which is a public instrumentality governed by the same board as that governing MTC; and

WHEREAS, on March 2, 2004, voters approved Regional Measure 2, increasing the toll for all vehicles on the seven state-owned toll bridges in the San Francisco Bay Area by \$1.00, with this extra dollar funding various transportation projects within the region that have been determined to reduce congestion or to make improvements to travel in the toll bridge corridors, as identified in SB 916 (Chapter 715, Statutes of 2004), commonly referred as Regional Measure 2 (“RM2”); and

WHEREAS, RM2 establishes the Regional Traffic Relief Plan and lists specific capital projects and programs and transit operating assistance eligible to receive RM2 funding as identified in Streets and Highways Code Sections 30914(c) & (d); and

WHEREAS, RM2 assigns administrative duties and responsibilities for the implementation of the Regional Traffic Relief Plan to MTC; and

WHEREAS, BATA shall fund the projects of the Regional Traffic Relief Plan by transferring RM2 authorized funds to MTC; and

WHEREAS, MTC adopted policies and procedures for the implementation of the Regional Measure 2 Regional Traffic Relief Plan, which specifies the allocation criteria and project compliance requirements for RM 2 funding (MTC Resolution No. 3636); and

WHEREAS, TransLink®, sponsored by the Metropolitan Transportation Commission, is identified as capital project number 18 under RM 2 and is eligible to receive RM 2 funding as identified in Streets and Highways Code Sections 30914(c); and

WHEREAS, the Metropolitan Transportation Commission, through the TransLink® Management Group, has approved an unconstrained and unprioritized list of projects and corresponding implementing agencies eligible to receive funds under capital project number 18; and

WHEREAS, each implementing agency will submit an Initial Project Report (“IPR”), as required pursuant to Streets and Highway Code Section 30914(e), to MTC for review and approval for each project allocation request; and

WHEREAS, Attachment A to this resolution, attached hereto and incorporated herein as though set forth at length, lists the project and phase for which the implementing agency is requesting RM2 funding and the reimbursement schedule and amount recommended for allocation by MTC staff; and

WHEREAS, Attachment B to this resolution, attached hereto and incorporated herein as though set forth at length, lists the required project specific conditions which must be met prior to execution of the allocation and any reimbursement of RM2 funds for each implementing agency; and

WHEREAS, Attachment C to this resolution, attached hereto and incorporated herein as though set forth at length, includes MTC staff’s review of each implementing agency’s Initial Project Report (IPR) for this project; and

WHEREAS, Attachment D attached hereto and incorporated herein as though set forth at length, lists the cash flow of RM2 funds and complementary funding for the deliverable/useable RM2 project segment; and

WHEREAS, the claimants to which funds are allocated under this resolution have certified that the projects and purposes listed and recorded in the attachments are in compliance with the requirements of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.), and with the State Environmental Impact Report Guidelines (14 California Code of Regulations Section 15000 et seq.); now, therefore, be it

RESOLVED, that the RM2 funds allocated to BART under MTC Resolution No. 3657, as part of capital project number 18 under RM2, are hereby transferred to this resolution and Resolution No. 3657 is hereby superseded by this resolution; and be it further

RESOLVED, that MTC approves MTC staff's review of the requesting implementing agency's IPR for this project as set forth in the Attachment C; and be it further

RESOLVED, that MTC approves the allocation and reimbursement of RM2 funds in accordance with the amount and reimbursement schedule for the phase, and activities as set forth in the Attachment A; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the implementing agency complying with the provisions of the Regional Measure 2 Regional Traffic Relief Plan Policy and Procedures as set forth in length in MTC Resolution 3636; and be it further

RESOLVED, that the allocation and reimbursement of RM2 funds are further conditioned upon the project specific conditions as set forth in Attachment B; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the availability and expenditure of the complementary funding as set forth in Attachment D; and be it further

RESOLVED, that reimbursement of RM2 funds as set forth in Attachment A is subject to the availability of RM2 funding; and be it further

RESOLVED, that a certified copy of this resolution, shall be forwarded to the project sponsor.

Steve Kinsey, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in Oakland, California, on February 23, 2005.

Program: Regional Measure 2
 Project No: 18.1
 Project Title: Ticket Vending Machine (TVM) TransLink® Implementation
 Agency: BART

Attachment A-1
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REGIONAL MEASURE 2
Deliverable/Useable Segment
Allocation of Regional Measure 2 Funds

| Allocation No. 18.1-1 | | | | | | |
|--|---------------|--------------|-------|--------------------|--------------------------|--|
| Activities to be funded with Allocation #1: | | | | | | |
| Contract costs for design, engineering, retrofit of BART Automatic Fare Collection (AFC) equipment, software modification, and system integration. Site preparation and miscellaneous materials to support the modification of AFC equipment to accommodate TransLink®. BART labor costs to manage and provide technical direction and support for the project. Third party staffing expenses to provide technical and field support installation and testing. BART currently has a contract for its AFC Equipment Modernization Program, and this allocation includes funding for a contract change order necessary for the TransLink® project. | | | | | | |
| Allocation Instruction No. | Approval Date | Amount | Phase | Reimbursement Year | Cumulative Total To Date | |
| 05368201 | 22-Sep-04 | \$ 3,950,000 | CON | FY 2004-05 | \$ 3,950,000 | |
| 06368202 | 22-Sep-04 | \$ 5,730,000 | CON | FY 2005-06 | \$ 9,680,000 | |

REGIONAL MEASURE 2
Project Specific Conditions
BART Ticket Vending Machine (TVM) TransLink[®] Implementation
RM2 Project No. 18.1

Lead Sponsor: Metropolitan Transportation Commission
Implementing Agency: Bay Area Rapid Transit District
Project Title: No. 18.1 – BART Ticket Vending Machine (TVM) TransLink[®] Implementation

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following :

1. Endorsement of BART's RM2 allocation request (project scope and related RM2 funding) by the TransLink[®] Management Group.
2. BART's \$9.68 million allocation approval is effective as of September 22, 2004. BART may incur expenses as of this date.*
3. Project must be consistent with the overall TransLink[®] program specifications.

* BART's original allocation for \$9.68 million was approved under MTC Resolution No. 3657 by the Commission on September 22, 2004. Since then, Resolution No. 3657 has been superseded with this resolution (No. 3682).

RM2 Project Number: 18.1
TransLink®: BART Ticket Vending Machine (TVM) Implementation

| | | |
|---|--------------------------|---|
| Lead Sponsor Metropolitan Transportation Commission | Other Sponsors(s) N/A | Implementing Agency (if applicable) BART |
| Legislated Project Description Integrate the Bay Area's regional smart card technology, TransLink®, with operator fare collection equipment and expand system to new transit services. | | |
| RM2 Legislated Funding (in \$1,000) Total Overall Funding \$22,000 18.1 TransLink® - BART (9,680) 18.2 TransLink® - Golden Gate (\$1,600) | | Project # 18.1 - Total Estimated Project Cost (in \$1,000) \$9,680 |
| Project Purpose and Description The purpose of this project is for BART TVMs systemwide to be able to load value on TransLink® cards (cash purse and operator-specific fares). The RM2 funds will be preparation and miscellaneous materials to support the modification of AFC equipment to accommodate TransLink®; BART labor expenses to manage and provide technical direction and support for the project; third party labor expenses to provide technical and field support installation and testing. (BART currently has a contract for its AFC Equipment Modernization Program, and allocation #1 includes the funding for a contract change order necessary for the project.) The RM2 funding is for the Contingency \$1,308,000. | | |
| Funding Description Committed Funds: This project is fully funded through RM2. Uncommitted Funds: None. Operating Capacity: The completed project will be operated and maintained by BART. The overall TransLink® program will be operated jointly by transit operators and the Regional TransLink® program. | | |

Overall Project Cost and Schedule

| Phase | Scope | Start | End | Cost (in \$1,000) |
|---------------|-------------------------------------|------------|------------|-------------------|
| 1 | Final Environmental Document | N/A | N/A | |
| 2 | Plans, Specifications and Estimates | N/A | N/A | \$0 |
| 3 | Right-of-Way | N/A | N/A | |
| 4 | Construction | 10/31/2004 | 10/31/2006 | \$9,680 |
| Total: | | | | \$9,680 |

REGIONAL MEASURE 2
BART Ticket Vending Machine (TVM) TransLink® Implementation
San Francisco Bay Area Rapid Transit District (BART)

Attachment D-1
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Deliverable/Useable Segment

Cash Flow Plan

(As initially adopted September 22, 2004 under MTC Resolution No. 3657)

| RM2 Project # 18.1 | PRIOR | FY 2004-05 | FY 2005-06 | FY 2006-07 | FY 2007-08 | FY 2008-09 | TOTAL |
|--------------------------------|-------|------------|------------|------------|------------|------------|-----------|
| RM2 Funds Total | - | 3,950,000 | 5,730,000 | - | - | - | 9,680,000 |
| Environmental (ENV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Final Design (PS&E) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Construction | 0 | 3,950,000 | 5,730,000 | 0 | 0 | 0 | 9,680,000 |
| RM2 | | 3,950,000 | 5,730,000 | | | | 9,680,000 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| TOTAL FUNDING | | | | | | | |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Final Design (PS&E) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 3,950,000 | 5,730,000 | 0 | 0 | 0 | 9,680,000 |
| PROJECT TOTAL | 0 | 3,950,000 | 5,730,000 | 0 | 0 | 0 | 9,680,000 |

Program: Regional Measure 2
 Project No: 18.2
 Project Title: TransLink® Golden Gate Ferry Terminal Fare Gates
 Agency: Golden Gate Bridge Highway & Transportation District

Attachment A-2
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 February 23, 2005

W.I.: 1255
 Referred by: PAC

REGIONAL MEASURE 2
Deliverable/Useable Segment
Allocation of Regional Measure 2 Funds

| Allocation No. 18.2-1 | | | | | | |
|---|---------------|------------|-------|--------------------|--------------------------|--|
| Activities to be funded with Allocation #1: | | | | | | |
| Develop technical specifications, requirements and drawings necessary for procurement of equipment and the construction and installation of the fare gates at the San Francisco and Larkspur Ferry terminals. | | | | | | |
| Funding Information for Allocation #1: | | | | | | |
| Allocation Instruction No. | Approval Date | Amount | Phase | Reimbursement Year | Cumulative Total To Date | |
| 05368203 | 23-Feb-05 | \$ 117,000 | PSE | FY 2004-05 | \$ 117,000 | |
| 06368204 | 23-Feb-05 | \$ 130,000 | PSE | FY 2005-06 | \$ 247,000 | |

Date: February 23, 2005

W.I.: 1255

Referred by: PAC

Attachment B-2

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REGIONAL MEASURE 2
Project Specific Conditions
TransLink® Golden Gate Ferry Terminal Fare Gate Project
RM2 Project No. 18.2

Lead Sponsor: Metropolitan Transportation Commission
Implementing Agency: Golden Gate Bridge Highway & Transportation District
Project Title: No. 18.2 – TransLink® Golden Gate Ferry Terminal Fare Gate Project

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following :

1. Project must be consistent with the overall TransLink® program specifications.

RM2 Project Number: 18.2
TransLink®: Golden Gate Ferry Terminal Fare Gates

| | | |
|--|--------------------------|---|
| Lead Sponsor Metropolitan Transportation Commission | Other Sponsors(s) N/A | Implementing Agency (if applicable) Golden Gate Bridge Highway and Transportation District |
| Legislated Project Description Integrate the Bay Area's regional smart card technology, TransLink®, with operator fare collection equipment and expand system to new transit services. | | |
| RM2 Legislated Funding (in \$1,000) Total Overall Funding \$22,000 18.1 TransLink® - BART (9,860) 18.2 TransLink® - Golden Gate (\$1,600) | | Project # 18.2 - Total Estimated Project Cost (in \$1,000) \$1,600 |
| Project Purpose and Description Purchase and install 12 integrated fare gates that are TransLink® and single ticket compatible. Specifications for new fare gates include a TransLink® reader, single-ride ticket reader, and passenger counters. The fare gates will be installed at the San Francisco and Larkspur Ferry terminals. It is expected that Ferry commuters will use TransLink as the primary payment option. This project will employ advanced technologies, improved security, automation, and allow the sale and use of increased TransLink smart cards while assuring reliability and securing against fraudulent abuse. New fare gates will enhance more accurate fare collection, passenger counts, and access control. | | |
| Funding Description Committed Funds: This project is fully funded through RM2. Uncommitted Funds: None. Operating Capacity: The fare gate operations and maintenance are to be fully funded by Golden Gate through its operating budget. | | |

Overall Project Cost and Schedule

| Phase | Scope | Start | End | Cost (in \$1,000) |
|---------------|-------------------------------------|---------|---------|-------------------|
| 1 | Final Environmental Document | N/A | N/A | |
| 2 | Plans, Specifications and Estimates | 02/2005 | 09/2005 | \$247 |
| 3 | Right-of-Way | N/A | N/A | |
| 4 | Construction | 09/2005 | 06/2006 | \$1,353 |
| Total: | | | | \$1,600 |

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

| | | |
|----------------------|--|-------------------------|
| Project Title | Enter title | Project No. 18.2 |
| Lead Sponsor | If implementing agency modify header to the left of this cell. | |

| Fund Source | Phase | Prior | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | Future | Total |
|--|---------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--------------|
| Committed | | | | | | | | | | |
| RM2 | Environmental | | 247 | | | | | | | 247 |
| RM2 | Construction | | | 1,353 | | | | | | 1,353 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| Total: | | 0 | 247 | 1,353 | 0 | 0 | 0 | 0 | 0 | 1,600 |
| Uncommitted | | | | | | | | | | |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| Total: | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Project Committed and Uncommitted | | | | | | | | | | |
| | | Prior | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | Future | Total |
| Total: | | 0 | 247 | 1,353 | 0 | 0 | 0 | 0 | 0 | 1,600 |

REGIONAL MEASURE 2
TransLink® Golden Gate Ferry Terminal Fare Gates
Golden Gate Bridge Highway & Transportation District

Deliverable/Useable Segment

Cash Flow Plan

As Adopted February 23, 2005

| RM2 Project # 18.2 | PRIOR | FY 2004-05 | FY 2005-06 | FY 2006-07 | FY 2007-08 | FY 2008-09 | TOTAL |
|--------------------------------|-------|------------|------------|------------|------------|------------|---------|
| RM2 Funds Total | - | - | - | - | - | - | - |
| Environmental (ENV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Final Design (PS&E) | 0 | 117,000 | 130,000 | 0 | 0 | 0 | 247,000 |
| RM2 | | 117,000 | 130,000 | | | | 247,000 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| | | | | | | | 0 |
| TOTAL FUNDING | | | | | | | |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Final Design (PS&E) | 0 | 117,000 | 130,000 | 0 | 0 | 0 | 247,000 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PROJECT TOTAL | 0 | 117,000 | 130,000 | 0 | 0 | 0 | 247,000 |