Date: February 22, 2012
W.I.: 1255
Referred by: PAC
Revised: 09/26/12-C

ABSTRACT

MTC Resolution No. 4050, Revised

This resolution approves the allocation of Regional Measure 2 funds for the Regional Real-Time Transit Information System Expansion administered by Metropolitan Transportation Commission (MTC) and sponsored/ implemented by MTC and the various Bay Area transit operators identified in Attachment A of Resolution No. 3708.

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

This resolution was revised via Commission action on September 26, 2012 to allocate $94,000 to the Livermore Amador Valley Transit Agency (LAVTA) to modify and upgrade their existing real time system in order to integrate into the 511 real-time system.

Additional discussion of this allocation is contained in the summary sheet to the MTC Programming and Allocations Committee dated February 8, 2012 and September 12, 2012.

Date: February 22, 2012
W.I.: 1255
Referred by: PAC

Re: Approval of Allocation of Regional Measure 2 funds for the Real-Time Transit Information Program

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION No. 4050

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, the Real-time Transit Information Program, administered by the Metropolitan Transportation Commission, is identified as capital project number 19 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 has approved a list of funding recipients (project sponsor), respective funding awards, and Real-Time Transit Information Program specific requirements as identified in MTC Resolution No. 3708; and

WHEREAS, each project sponsor will submit updates to the 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 project sponsor 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 project sponsor; 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 project sponsor'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 2l000 et seq.), and with the State Environmental Impact Report Guidelines (l4 California Code of Regulations Section l5000 et seq.); now, therefore, be it

RESOLVED, that MTC approves MTC staff's review of the requesting project sponsor's updated 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 project sponsor 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.

METROPOLITAN TRANSPORTATION COMMISSION

Adrienne J. Tissier, 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 22, 2012.

REGIONAL MEASURE 2 PROGRAM
Allocation of Funds

Project Title: Cycle II - LAVTA 511 Real Time Integration
Sponsor: MTC
Implementing Agency: LAVTA
Project Number: 19.11

Allocation No. 1

Activities to be funded with Allocation #1:

1. Upgrade LAVTA's existing real time system software (TransitMaster).
2. Customize LAVTA's real-time system data feed to meet MTC's 511 real-time system requirements.

Allocation Instruction No.	Approval Date		Amount	Phase	Reimbursement Year		Cumulative Total To Date
13405002	26-Sep-12	$	94,000	CON	FY 2012-13	$	94,000

REGIONAL MEASURE 2 PROGRAM
Project Specific Conditions

Project Title:	Cycle II - LAVTA 511 Real Time Integration
Sponsor:	MTC
Implementing Agency:	LAVTA
Project Number:	19.11

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

1. Usable Segments

Provide real-time information for usable segments for all newly selected transit systems. Usable segments are defined as all routes within a transit agency service, routes that improve regional or intra-agency connectivity, routes that serve main arterials, express or limited-stop routes, or a subset of vehicle types within an agency (e.g. all light rail vehicles.)

2. Performance Standards

Provide performance standards for real-time data accuracy that have been or will be established in the system requirements document and are being monitored. MTC reserves the right to require that agencies receiving RM2 funds meet minimum standards for accuracy.

3. Data Sharing

Provide real-time information hosted in a regional database through all 511 dissemination channels including 511 phone, 511.org, and if applicable, to other transit operators and external users in an MTC-approved format at no cost, without restriction, and for the duration of the Project. Required real-time information includes predicted arrival times for every stop with necessary transit service configuration data, a date and time stamp for each prediction, and, if available, vehicle location information.

4. Regional Real-time Transit TAC

Coordinate and host regional real-time Technical Advisory Committee (TAC) meetings.

5. On-going Operations and Maintenance Costs

The regional real-time system shall be supported by the project sponsor, at the sponsor's expense, for a minimum of 5 years from the date of final acceptance.

6. Final Acceptance Testing

MTC will conduct a final acceptance testing of all new developments and integrations as per developed or to be developed Acceptance Test Plan.

7. Expiration of Project Funds

All project work must be completed according to the schedule set in the allocation. If any funds remain after the grant period, MTC will have the authority to either extend the grant period to complete the project or reallocate unspent funds to another project.

8. Cost Overruns

The grant recipient will be responsible for cost increases beyond the amount awarded in the initial grant.

9. Overhead Rate Restrictions

For the real-time transit projects, an overhead rate (as defined in RM2 policies and procedures) is not an eligible expense and sponsors/implementing agencies will not be reimbursed for any overhead rate costs.

RM2 Project Number: 19.11

Cycle II - LAVTA 511 Real Time Integration

Lead Sponsor	Other Sponsors(s)	Implementing Agency (if applicable)
MTC	N/A	LAVTA

Legislated Project Description

Provide a competitive grant program for transit operators for assistance with implemention of high-technology systems to provide real-time transit information to riders at transit stops or via telephone, wireless, or Internet communication. The funds shall be administered by the Metropolitan Transportation Commission.

RM2 Legislated Funding (in $1,000)	Total Estimated Project Cost (in $1,000)
$94 [Component of $20 million program]	$144

Project Purpose and Description

In 2005, MTC's 511 program began working with transit agency RM2 grant recipients to integrate their real-time transit departure information into the regional 511 Traveler Information system. Since that time, a number of other Bay Area transit operators have developed real-time transit information systems. Based upon the success of the 511 real-time transit system and on transit agency interest to join 511, MTC decided to expand the real-time transit information program to integrate additional transit agencies. This project will allow additional transit agencies and the 511 program to perform the necessary work to facilitate system level integration between the transit agencies' real-time systems and 511. The overall project has two major components – 1) transit agencies, to be selected through a Call for Projects, to perform integration work on their real-time system to provide real-time transit data to the 511 system, and 2) 511 program to perform system enhancements and integration to receive and disseminate real-time transit information for the selected transit agencies. This specific sub-project will modify and upgrade LAVTA's existing real time system in order to integrate into the 511 real-time system.

Funding Description

Committed Funds: Fully Funded by RM2 & TDA.

Uncommitted Funds: None.

Operating Capacity: MTC

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in $1,000)
1	Final Environmental Document	N/A	N/A	N/A
2	Plans, Specifications and Estimates	N/A	N/A	N/A
3	Right-of-Way	N/A	N/A	N/A
4	Construction	09/2012	06/2013	$144
			Total:	**$144**

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Cycle II - LAVTA 511 Real Time Integration	**Project No.**	19.11
Lead Sponsor	MTC		

Fund Source	**Phase**	**Prior**	**2007-08**	**2008-09**	**2009-10**	**2010-11**	**2011-12**	**2012-13**	**Future**	**Total**
Committed										
RM2	Construction							94,000		94,000
TDA	Construction							50,000		50,000
										0
										0
										0
										0
Total:		0	0	0	0	0	0	144,000	0	144,000
Uncommitted										
										0
										0
Total:		0	0	0	0	0	0	0	0	0
Total Project Committed and Uncommitted										
		Prior	**2007-08**	**2008-09**	**2009-10**	**2010-11**	**2011-12**	**2012-13**	**Future**	**Total**
Total:		0	0	0	0	0	0	144,000	0	144,000

REGIONAL MEASURE 2 PROGRAM
Project Cash Flow Plan

Project Title: Cycle II - LAVTA 511 Real Time Integration
Sponsor: MTC
Project Number: 19.11

RM2 Project # 19.11	PRIOR	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2010-11	TOTAL
RM2 Funds Total	***-***	***-***	***-***	***-***	***-***	***94,000***	***-***	***94,000***
Environmental (ENV)	**0**	**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
								0
								0
Right of Way	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
								0
								0
								0
								0
Construction	**0**	**0**	**0**	**0**	**0**	**144,000**	**0**	**144,000**
RM2						94,000		94,000
TDA						50,000		50,000
								0
								0
TOTAL FUNDING								
Environmental	0	0	0	0	0	0	0	**0**
Final Design (PS&E)	0	0	0	0	0	0	0	**0**
Right of Way	0	0	0	0	0	0	0	**0**
Construction	0	0	0	0	0	144,000	0	**144,000**
PROJECT TOTAL	0	0	0	0	0	144,000	0	144,000