REGIONAL TRANSPORTATION ADVISORY COUNCIL

Summary of April 8, 2009 Meeting

This meeting was held in Conference Room 4 of the State Transportation Building at 10 Park Plaza, Boston.

The meeting was called to order at 3:15 PM.

1. Introductions

1. **Chair's Report** – Malek Al-Khatib, Chair and Boston Society of Civil Engineers

M. Al-Khatib announced that the Nominating Committee researched potential candidates to replace former Vice Chair Sue McQuaid, and is nominating Laura Wiener, Town of Arlington. He asked for other nominations and there were none.

A motion to approve Laura Wiener as Vice Chair of the Advisory Council was made by M. Al-Khatib and seconded by Rich Arena, Association of Public Transportation. The motion passed unanimously.

M. Al-Khatib reminded members that all officers, including the Chair, would be open in the upcoming (September) election. He encouraged the nomination for Chair of new people with fresh ideas. If interested, please contact Pam Wolfe at pamwolfe@ctps.org or Sean Pfalzer at spfalzer@ctps.org.

Pam Wolfe, Certification Activities Manager, MPO Staff, announced the recent hire of Sean Pfalzer and Michael Callahan to the CTPS Certification Activities Group. S. Pfalzer will serve as the Advisory Council Liaison until M. Callahan begins in late May.

1. **Approval of the Draft Meeting Minutes of February 11, 2009 and March 11, 2009**

The Draft Meeting Minutes of February 11, 2009 and March 11, 2009 were approved unanimously.

4. Member Announcements

Brian Kane, MBTA Advisory Board, announced the recent publication of his report *Born Broke. Born Broke* serves as a historical report to explain why the MBTA is in a current fiscal dilemma and how their situation compares with peer transit agencies around the country. The MBTA's projected $140 million debt in 2009 is actually going to be more than $160 million, which means that cuts and/or fare increases are necessary. The MBTA is burdened with debt as a result of the sales tax not performing as anticipated and from debt transferred from the Commonwealth. B. Kane stated that there needs to be change to the revenue sources for the MBTA and/or its current debt burden, or there will be severe consequences for transit service including possibly that the MBTA will no longer exist on July 1, 2009.

What are the recommended actions to resolve this problem? (M. Al-Khatib)
The MBTA handles more debt than its peer transit agencies across the country. The MBTA has the highest debt service at 26%, yet all other agencies have a debt service of 13% or less. Other transit agencies have dedicated revenue service funds, however the MBTA does not. (B. Kane)

I was under the assumption that the current bill, designed by the House and the Senate, to reorganize transportation agencies would eliminate MBTA debt as part of the gas tax increase. (Chan Rogers, SWAP)
No, some of the MBTA's debt will be relieved as part of another bill. (B. Kane)

According to my calculations, there is a shortfall of 35 cents a ride to make up the deficit. Therefore, fare increases are necessary and must be considered by the MBTA. (Walter Bonin, Marlborough)
In order to raise the $160 million in revenue for FY2010, the MBTA would need to impose a 50% fare increase. In addition, the MBTA, would be forced to layoff employees, starting with the newest employees, which would also affect service. (B. Kane)

Though it may be politically unacceptable to raise fares because of the state of the current economy, the MBTA needs to propose a solution of their own. (W. Bonin)

Members discussed the MBTA finance problems and the current legislative proposals for reform. They voiced their opposition to possible transit service cuts, and while agreeing that measures to reform the MBTA should be implemented, they supported providing additional revenue and debt relief for the MBTA in a way that maintains transit service.

The Advisory Council should make its views known to the legislature. Senator Baddour, Chair of the Joint Transportation Committee, is strongly opposed to the gas tax. Therefore, members need to contact their Senator and Representative through phone calls, emails, and letters. (M. Al-Khatib)

A motion to formulate an Advisory Council Ad Hoc Committee to work out a way the Advisory Council might address its views on MBTA revenue and reform and develop a position for the Advisory Council was made by F. Demasi and seconded by Tony Centore, Medfield. The motion passed unanimously.

The schedule for the Ad Hoc Committee's work was discussed. To dovetail with the MBTA Advisory Board's budget-approval schedule, the Committee's product should be available by mid-May. Members continued to support providing input that could be used by state legislators and individual members were urged again to contact their state legislators. Staff proposed finding a way to convene the Advisory Council as a whole to discuss and finalize the Ad Hoc Committee's material. Because the legislature's time-frame for working on the reform and revenue issues is unknown, and to get materials to members quickly so they can work with the entity they represent to generate input to the legislature timely enough to be effective, the Ad Hoc Committee will meet within a week. Staff will provide the support needed.

Marvin Miller, American Council of Engineering Companies (ACES), announced that the Boston Society of Civil Engineers Section (BSCES) will hold a seminar on climate change and transportation and will feature James Aloisi, Secretary of Transportation and Gloria Shepherd, USDOT at Anthony's Pier 4 Restaurant on May 14, 2009 from 8am-3pm. Please bring back flyers to constituents.

R. Arena announced that he would be traveling to Washington D.C. for the National Association of Railway Passengers' "Washington Day" and asked if there were any messages or requests to convey to Congressmen on behalf of the Advisory Council.

F. Demasi announced that Riverside LLC has leased MBTA property, which will provide needed revenue to the MBTA. Amtrak received $29 million in ARRA funds to spend in Massachusetts, which has been spent on automatic train control systems. The Lakeshore train from Boston to Chicago has added sleeper car.

5. Committee Reports

Freight Committee:
Walter Bonin, Freight Committee Chair, presented the Committee's Charter to members. The Freight Committee will be an advocate for effective freight systems and support freight planning by updating and advising the Advisory Council on current issues that relate to freight. (See attached powerpoint.)

R. Arena stated that Charter did not give the Freight Committee enough power and that he would abstain from the vote.

Marcy Crowley, Wayland, noted that the appropriate title is "Charge" not "Charter". This change was accepted as a friendly amendment.

A motion to approve the Freight Committee Charge was made by Dom D'Eramo, Millis, and seconded by F. Demasi. The motion passed unanimously. Rick Arena, Association for Public Transit, abstained.

Membership Committee:
The Membership Committee would like to formally welcome the two new members of the Advisory Council: the town of Medfield, represented by Tony Centore, and the town of Acton, represented by Lauren Rosenzweig, who was unable to make it today. (M. Al-Khatib)

P. Wolfe briefed members on the results of the membership audit conducted by S. Pfalzer, MPO Staff. Members had an extensive discussion about membership policies and possible steps to improve participation and bring in new members. Key questions raised were: possible reasons for poor attendance; whether lack of participation should or could result in being discontinued as a member; and the identification of steps to improve attendance.

Some members thought that poor attendance could be the result of the member entity not knowing that their representative wasn't attending. One remedy suggested was to ask member

entities to submit annual letters designating their representative. Other reasons could be that the programs and speakers aren't appealing or compelling enough to draw attendance or that the Advisory Council hasn't taken enough touch positions, or that the meeting time is inconvenient, or that there are too many members.

It was noted that the Advisory Council's role is to provide a broad-based forum and that regardless of attendance there may be some value to broad distribution of meeting materials. M. Miller commented that in past years, the heads of the transportation agencies would attend the Joint Regional Transportation Committee (former name for the Advisory Council) and it appeared that there was greater respect for its role.

The members agreed that they would like to encourage better attendance from members by scheduling more compelling programs and inviting representatives of the agencies. They also agreed to review the bylaws to determine if there are requirements for participation and if not, to discuss whether there should be. M. Al-Khatib will talk with M. Crowley about the bylaws and with Richard Canale, Lexington, Chair of the Program Committee, about the programs. He will also discuss agency participation with members of the Transportation Planning and Programming Committee.

6. Update on the Region's Bike Rack Program – *David Loutzenheiser, Transportation Planner, MAPC*

David Loutzenheiser, MAPC, updated members on the status of the Boston MPO's Regional Bike Rack Program. The program has already funded 2,600 bicycle parking spaces and has the ability to fund a total of 15,000 spaces. One third of the municipalities in the region have subscribed to the program thus far. Institutions are eligible to participate, but must go through their local municipality to obtain funding. Approximately $700,000 of the total $900,000 in funding from the Boston Region MPO is still available. The Bike Rack Program is part of the CMAQ program, and therefore bike racks qualify for reimbursement funding. Bike rack installation is not included.

Is there a number on the amount of bicycle racks to provide at MBTA stations? (D. D'Eramo)
There is not a set requirement on the number of racks at each facility. Utilization varies depending on the station, but the Bike Rack Program ensures quality by purchasing specific models from three different vendors. (D. Loutzenheiser)

The Bike Rack Program sends the wrong message to the public taxpayers when there are transportation budget issues. Money should not be allocated to free bike racks if the trains are not in service. (R. Arena)
The bicycle racks are not only placed at MBTA stations, but also at schools and downtown centers. Bicycle racks are a good value and are cost-effective. (D. Loutzenheiser)

Wellesley has funded some bicycle racks through CMAQ funding and supports such programs. Funding is taken back if not utilized, therefore it is advantageous to take advantage of the program. (F. Demasi)

The state/MPO has mode shift goals and this program would help significantly in meeting those, but why have the bike racks not been taken advantage of yet? (John McQueen, WalkBoston)
The program is still new, but we have recently received a lot of interest from municipalities. A flood of communities have expressed interest this spring. (D. Loutzenheiser)

Our community has a numerous bike racks, though there are some initial obstacles like businesses not wanting them on their street property. Our community supports bicycling because it gets people out of their cars. (Laura Wiener, Town of Arlington)

What do you do with neighborhoods that have narrow sidewalks like Beacon Hill? (M. Miller)
Narrow sidewalks are a challenge, but the replacement of parking meters with bicycle racks, like on Newbury St., can serve as a functional alternative. (D. Loutzenheiser)

The Town of Lexington participated in the program and had additional bike rack requests for schools that they purchased on their own. Does the Commonwealth have an updated statewide bicycle rack summary? Are towns that have already participated in the program eligible for future funding? (Dick Canale, MAGIC)
Yes, the funding we be allocated on a first come, first serve basis. (D. Loutzenheiser)

Can the bike rack funds be flexed to the new rent-a-bike program in Boston? (F. Demasi)
The RFP for the planned rent-a-bike program for Boston is currently out and due May 15, 2009. (D. Loutzenheiser)

The bicycle share program is good for Boston. What about the smaller communities? Are they eligible for funding for a similar program or other bicycling facilities? (Jake Green, MetroWest/495 TMA)
The Bicycle Rack Program only applies to bike rack funding and no other bicycle programs. . (D. Loutzenheiser)

How are you reaching out to communities? (W. Bonin)
We are sending press releases and emails, communicating with municipalities, and presenting to RTAC to help spread the word about the Bike Rack Program. (D. Loutzenheiser)

Are there communities with bicycle committees that have not participated? I suggest reaching out to the bicycle advocates of each community. (M. Crowley)

For more information on the Bike Rack Program, visit mapc.org/transportation/bike_parking_program, or contact Mr. Loutzenheiser at 617.251.2770 x2061.

7. Adjourn
The meeting adjourned at 4:45 pm.

Attachments:
Draft Meeting Minutes, February 11, 2009 and March 11, 2009
Committee Reports

Attendance List for April 8, 2009

Agencies
Richard Canale, Minuteman Advisory Group on Interlocal Coordination
Jim Gallagher, Metropolitan Area Planning Council
Brian Kane, MBTA Advisory Board
Chan Rogers, Southwest Advisory Planning Committee

Cities and Towns
Walter Bonin, Marlborough
Tony Centore, Medfield
Marcy Crowley, Wayland
Frank DeMasi, Wellesley
Dom D'Eramo, Millis
Tom Kadzis, Boston
Kurt Mullen, Needham
Jon Squibb, Revere
Laura Wiener, Arlington

Citizens Groups
Malek Al-Khatib, Boston Society of Civil Engineers
Richard Arena, Association of Public Transportation
John Businger, National Corridors Initiative
Ulla Hester, Medical Academic and Scientific Community Organization
John Kane, Access Advisory Committee to the MBTA
John McQueen, *Walk*Boston
Marvin Miller, American Council of Engineering Companies

Guests and Visitors
Alessio Campi
Jake Green, MetroWest/495 TMA
Ed Lowney

MPO Staff
Cathy Buckley
Hayes Morrison
Sean Pfalzer
Pam Wolfe

REGIONAL TRANSPORTATION ADVISORY COUNCIL

COMMITTEE REPORTS

Regional Transportation Advisory Council Committees

Freight - Walter Bonin

The Freight Committee reviewed its charter and prepared to present it to the Advisory Council. Members received a full-scale briefing from Massachusetts Environmental Policy Act (MEPA) officials, Rich Bourre and Holly Johnson, on the process and thresholds for environmental reviews. Committee members are also concerned about the future of Track 61 and will ask a representative of the Boston Redevelopment Authority to provide an update (possibly at the next meeting).

Next Meeting: April 22 at 1pm

Nominating – Kristina Johnson

The Chair researched potential candidates to replace Vice-Chair Sue McQuaid and is nominating Laura Weiner of the Town of Arlington.

The following committees did not meet and have not scheduled future meetings:

- Executive - Malek Al-Khatib
- Long-range Regional Transportation Plan (Plan) - Kristina Johnson
- Transportation Improvement Program (TIP) - Sue McQuaid
- Unified Planning Work Program (UPWP) - Steve Olanoff
- Program for Mass Transportation – Steve Olanoff
- Membership – Sue McQuaid
- Programs - Richard Canale

Transportation Planning and Programming Committee Subcommittees

Suburban Mobility and Transportation Demand Management - Steve Olanoff

The Suburban Mobility and Transportation Demand Management Subcommittee received four applications for first year service in the Suburban Mobility Program. They are the Town of Acton, Town of Hull, MetroWest RTA, and the Route 128 Business Council (in conjunction with the City of Waltham). The committee also reviewed nine letters of interest for the TDM

program and recommended that five submit final proposals for the deadline in May. The five proposals include the City of Boston, Town of Brookline, Town of Hull, Town of Stoughton, and a joint project involving Waltham, Burlington, Lexington, Lincoln, and Weston.

Next Meeting: Following the Transportation Planning and Programming Committee meeting on April 16

Unified Planning Work Program – Steve Olanoff

Next Meeting: The Subcommittee will meet before the Transportation Planning and Programming Committee meeting on April 16 to discuss the process for developing the FFY 2010 UPWP.

Administration and Finance - Malek Al-Khatib

The Administration and Finance Subcommittee met and recommended hiring two planners for the Central Transportation Planning Staff (CTPS) Certification Activities Department. The Transportation Planning and Programming Committee (TPPC) approved the hiring of both candidates.

FREIGHT COMMITTEE CHARGE

Mission –To advocate for the creation of an effective freight management architecture and system for all freight modes within the Boston MPO to the Regional Transportation Advisory Council and to support freight planning as an integral part of the MPO's vision and goals.

Role – The role of the committee is to update the Advisory Council on freight issues and to make recommendations to the Council for their review and decision.

Methodology – Maintain a knowledge base relating to:

- Advances in freight and transportation technology
- Existing and planned legislation, rules and regulations at State and Federal level
- Knowledge and attitudes of key officials and leaders
- Business plans and strategy of key companies
- Programs of leading states in freight systems
- Identification of barriers to effective freight development
- Sources of related grant programs
- Public/private partnerships

Walter Bonin
March 9, 2009

Metropolitan Area Planning Council

60 Temple Place, Boston, Massachusetts 02111 617/451-2770 Fax 617/482-7185

Serving 101 cities and towns in metropolitan Boston

Amanda Linehan
Communications Manager
Metropolitan Area Planning Council
617-451-2770 ext. 2030

For Immediate Release: Monday, March 23, 2009

MAPC OFFERS FREE BIKE RACKS TO CITIES, TOWNS

More than $700,000 now available to Greater Boston communities

BOSTON – Cities and towns across Eastern Massachusetts can install bicycle parking racks in their communities at almost no cost this spring, as part of a special reimbursement program being piloted by the Metropolitan Area Planning Council (MAPC).

MAPC, the regional planning agency for more than 100 municipalities in Greater Boston, has more than $700,000 in funding still available for local governments to bring bike parking into town centers, schools and other areas this year.

With spring on the way, bike racks offer cyclists enhanced opportunities to enjoy warmer weather, to get fit, and to enjoy a low-cost form of transportation that provides an environmentally-friendly alternative to driving.

Bicycle parking can be nearly 100 times less expensive than vehicle parking per space, and businesses that offer bike racks alleviate the demand for car parking. That means more pedestrians and cyclists visiting local town centers for work and for fun, said David Loutzenheiser, Transportation Planner in MAPC's Bicycle and Pedestrian Program.

"Bicycle racks can be placed literally at the doorstep of businesses, providing the most convenient and compact type of parking," said Loutzenheiser, who spearheads the bike rack program at MAPC. "There are thousands of dollars available to each community that wants to purchase bike racks this year."

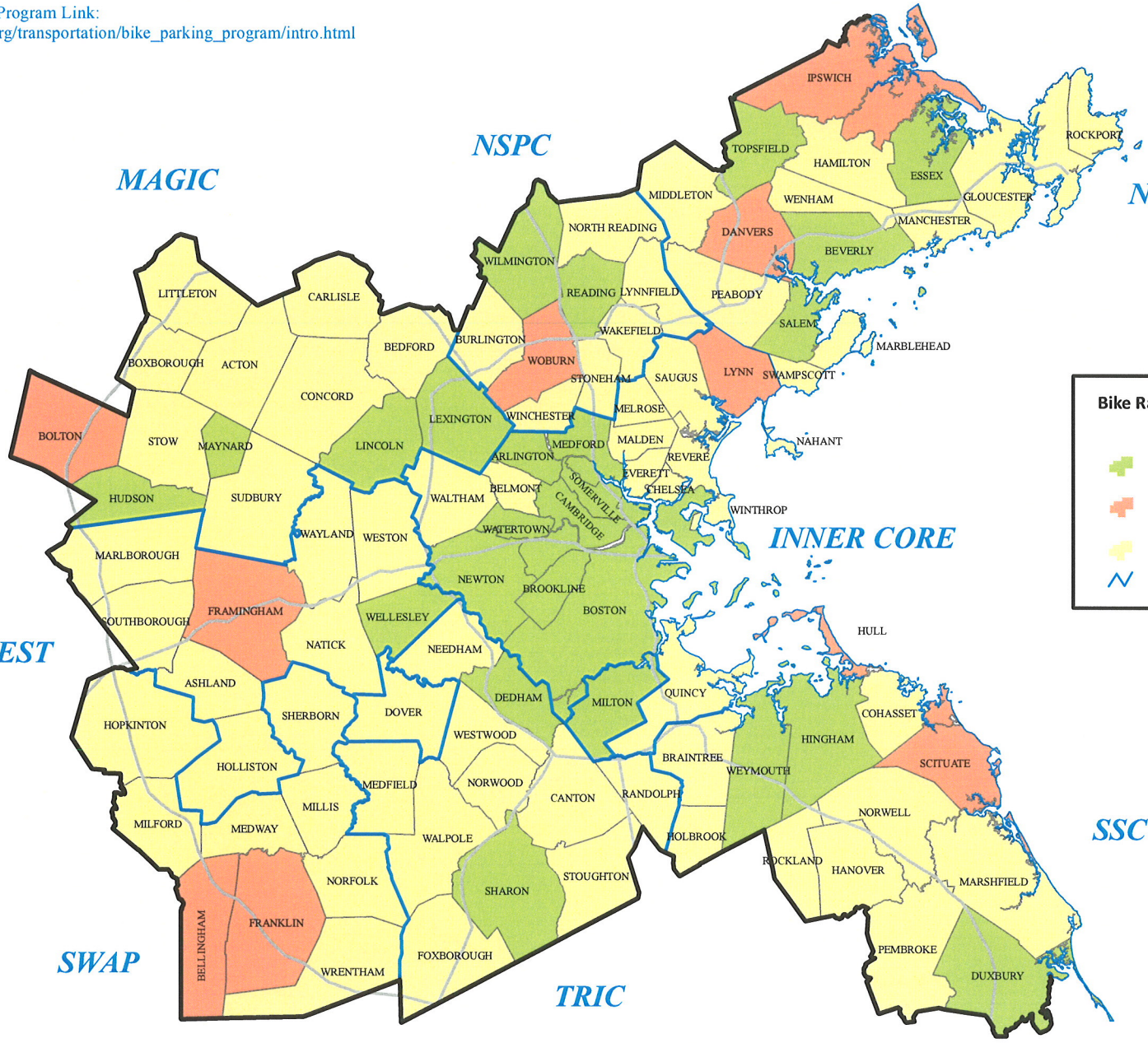
The program, which began more than two years ago, provides the full cost of reimbursement for bicycle racks, though the community must arrange for installation. Each participant in the program is eligible to receive thousands of dollars, based on population, for the purchase of bike parking this year.

To date, the program has funded 850 racks, accommodating parking for 2,600 bicycles in municipalities across Metropolitan Boston, from Beverly to Medford and Duxbury. The Department of Conservation and Recreation and the MBTA are also eligible to purchase unlimited bicycle parking equipment at the discount prices MAPC offers, making bike parking even more accessible in cities and towns connected to public transit.

For more information on the rack purchasing program, visit mapc.org/transportation/bike_parking_program, or call David Loutzenheiser at 617-451-2770 x2061.

MAPC Bike Rack Program

MAPC Bike Rack Program Link:
http://www.mapc.org/transportation/bike_parking_program/intro.html



Bike Rack Program Status by Municipality
(as of March 13, 2009)

- Bike Racks Purchased and Installed
- Subscribed to Program – No Rack Orders to Date
- Not Currently Participating
- Sub-Regional Boundary

0 6 12 18 24 Miles

N W E S

MAPC

BORN BROKE:

How the MBTA found itself with too much debt, the corrosive effects of this debt, and a comparison of the T's deficit to its peers

Brian Kane
Budget & Policy Analyst
MBTA Advisory Board

April 2009

MBTA Advisory Board

The MBTA Advisory Board is an independent statutory organization which represents the interests of the 175 cities and towns in the MBTA service district. Each year these municipalities are assessed by the MBTA and these assessments constitute over 10% of T financing. The Advisory Board is completely funded by municipalities Under Massachusetts law the Advisory Board has final approval and cutting authority over the MBTA's annual operating budget and its 25 year capital plan. The Board also provides a host of other regulatory and oversight functions in the interests of its members. The Board's mission is to provide public oversight of the MBTA as well as technical assistance and information on behalf of our members and T customers.

MBTA Advisory Board
177 Tremont Street, 4th Floor
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Email: info@mbtaadvisoryboard.org
Website: www.mbtaadvisoryboard.org

Acknowledgements:
Rachel Szakmary and Sonia Sujanani provided valued research assistance.

BORN BROKE:

How the MBTA found itself with too much debt, the corrosive effects of this debt, and a comparison of the T's deficit to its peers

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Executive Summary

For the past several years the MBTA has only balanced its budgets by restructuring debt, liquidating cash reserves, selling land, and other one-time actions. Today, with credit markets frozen, cash reserves depleted and the real estate market at a stand still, the MBTA has used up these options. This recession has laid bare the fact that the MBTA is mired in a structural, on-going deficit that threatens its viability.

In 2000 the MBTA was re-born with the passage of the Forward Funding legislation. This legislation dedicated 20% of all sales taxes collected state-wide to the MBTA. It also transferred over $3.3 billion in Commonwealth debt from the State's books to the T's books. In essence, the MBTA was born broke.

Throughout the 1990's the Massachusetts sales tax grew at an average of 6.5% per year. This decade the sales tax has barely averaged 1% annual growth. The underperformance of the sales tax coupled with too much debt has been slowly strangling the T for years. In FY10 the MBTA faces a $160.4 million deficit and without external assistance in the form of debt relief or new revenue the Authority will be forced to make draconian service cuts and impose dramatic fare increases.

The MBTA is not alone in facing financial difficulties. New economic realities have affected each of the 10 largest transit agencies in the United States. All are facing dwindling government subsidies and many are considering fare increases, layoffs, service cuts or some combination thereof.

The MBTA is stuck in a financial, not organizational quagmire. No amount of reorganization, reform, or efficiencies can generate the $160 million needed to close the FY10 budget gap, let alone the even larger deficits projected in the future. Until the MBTA's underlying debt and financing weaknesses are addressed, all such changes, at best, will only delay the T's day of reckoning. Relief of the $3.3 billion in Commonwealth debt currently on the MBTA's books is the fairest, most efficient and most feasible way to solve for the MBTA's underlying financial deficiencies.

I. Introduction:

The Massachusetts Bay Transportation Authority (MBTA) is a key component of the economic and environmental health of Massachusetts. Nearly 1.3 million unlinked trips in and around Boston are made each day by T, including 55% of all work trips into Boston, and 42% of all trips into its financial district.[1]

In FY10 the MBTA faces a $160.4 million budget deficit[2], a $2.7 billion maintenance backlog[3], and a debt load of $8 billion (including interest)[4].

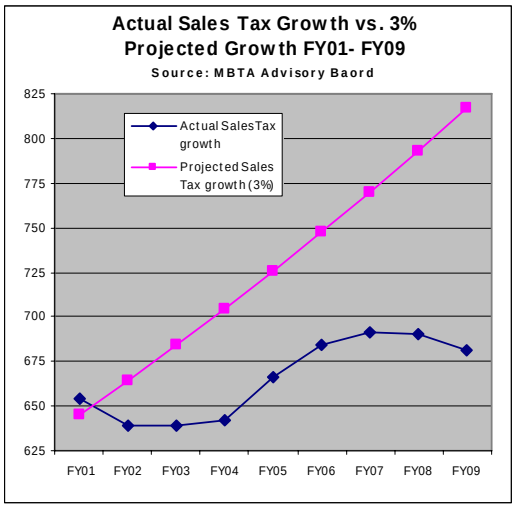
Recent History

In 2000 the MBTA was re-born with the passage of the Forward Funding legislation. This legislation forced the MBTA to be more fiscally prudent and leaner by dedicating a set amount of financing to it at the start of each fiscal year, and requiring it to end that year with a balanced budget.

The signature parts of Forward Funding were the annual dedication of 20% of all Massachusetts sales taxes receipts and the transferal of over $3.3 billion in Commonwealth debt to the MBTA.

Sales Tax

Sales tax is the principal financing source for the MBTA. Between 1990 and 2000 the Massachusetts sales tax grew at an average of 6.5% per year.[5] When the MBTA received a dedicated portion of this revenue source in 2000, many believed that the T's budgetary problems were over. But, since 2000 the sales tax has grown at a meager 1.0% per year on average.[6]



By 2003 it was clear that the sales tax had failed as the principal financing source for the MBTA. In 2007 the report of the independent, bi-partisan Massachusetts Transportation Finance Commission noted that "the state sales tax has generated far less revenue than anticipated, and it is unlikely that those revenue targets will ever be achieved …

this is a significant shortfall for MBTA operations and capital programs.[7]"

In FY10 the MBTA expects to receive no increase in sales tax revenue on the FY09 amount.[8]

Debt

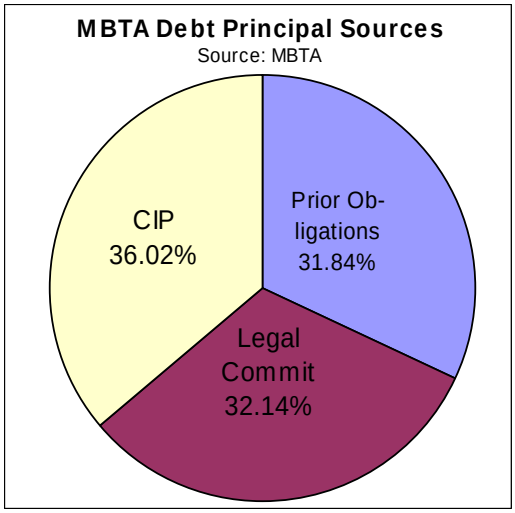
The MBTA owes over $8 billion in debt principal and interest to its bondholders. Before it was re-born, the MBTA did not issue debt for major projects. Instead, the Commonwealth borrowed for transit projects on the T's behalf and paid back these debts over time. Under Forward Funding the MBTA gained the authority to issue debt and the responsibility to pay it back.

Forward Funding also transferred billions in transit debt from the Commonwealth's books to the MBTA's books. Of the $5.2 billion in principal currently on the T's books, $3.3 billion was transferred by the State.[9]

MBTA debt is categorized in three ways: capital investment program, prior obligations, and legal commitments.

Capital improvement program debt ($1.869 billion) corresponds to money the MBTA has borrowed since 2000 for maintenance and infrastructure modernization.

Prior obligation debts ($1.652 billion) were borrowed by the Commonwealth to build projects and perform maintenance for the benefit of public transportation users in eastern Massachusetts prior to 2000. In 2000 these debts were transferred to the MBTA.

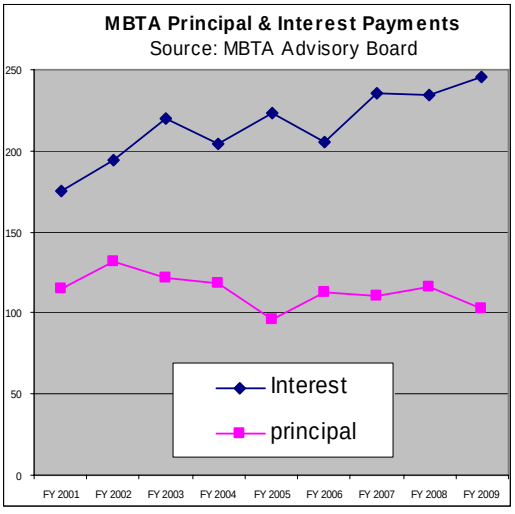


Legal obligations debt ($1.688 billion) corresponds to state implementation plan (SIP) commitment projects. These were public transportation projects the state agreed to build as part of the Big Dig. As with prior obligation debt, SIP commitment debt was transferred to the T in 2000. The State also transferred the responsibility to finish many SIP commitment projects, and the T borrowed to do so. In 2007 the State

agreed re-assume responsibility for outstanding SIP projects, but not the debt for such projects borrowed before 2007.[10]

Restructuring

Since 2004 the Authority has often relied on debt restructuring to avoid deficits. In many cases restructuring allowed it to take advantage of lower interest rates and save money. In other cases restructuring only lowered principal payments in return increased interest payments. Since 2000 interest payments have steadily increased, while principal payments have steadily declined. Unless this trend is reversed the T will continue to spend hundreds of millions on debt service each year without ever getting out of debt



Debt service payments have consistently consumed between 20%–30% of MBTA spending since 2000. Unlike many of its peers, the T lacks a dedicated revenue source for capital or debt spending. Instead, the T is forced to make debt service payments from the same sources it uses to funds operations, basic maintenance, and system enhancements.

Other Budget Actions

This decade the MBTA has often relied on other budget actions to stave off deficits. Over the past 8 years the T has steadily sold off property to raise cash, and all but exhausted its rainy day funds. Today, this $1.6 billion agency has less than $27.4 million in reserve, of which only $8.8 million is available for operating costs.[11]

The current economy has made the MBTA's financial deficiencies clear. Conditions are only expected to worsen and deficits grow larger in the near future. As fewer commuters have jobs to commute to, fare and parking revenues may decline. The frozen credit market makes refinancing next to impossible. The soft real estate market precludes most land sales and declines in

consumer spending make the rebound of sales tax revenues unlikely.

II. Budget

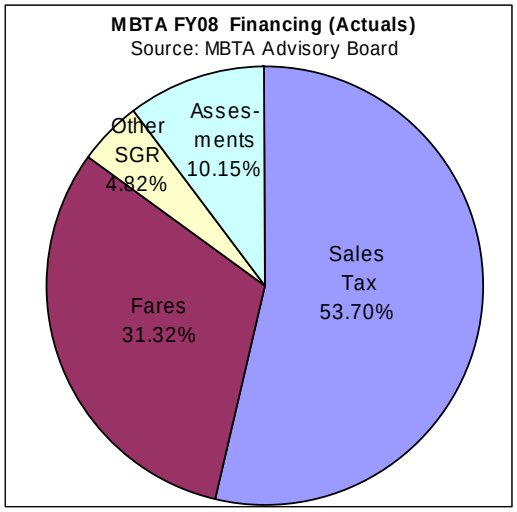
All major American transportation organizations are financed through a combination of system generated revenues (SGR) and government subsidies. System generated revenues come from fares, parking fees, advertising contracts, investment income, station rents, land sales, utility credits, etc. Government subsidies are either dedicated portions of taxes, or appropriations from state, county of municipal general funds. In either case subsidies are derived from taxes.

Financing

The MBTA is no different from its peers, in that it is financed by a combination of system generated revenues and subsidies.

Fares are the largest component of system generated revenues and constituted 31.32% of total financing in FY08, the last year for which final numbers are available. MBTA fares have increased 25% every three years since 2000.[12]

Parking fees, rents by concessionaires in T stations and advertising contracts generated 3.47% of total financing in FY08.[13]



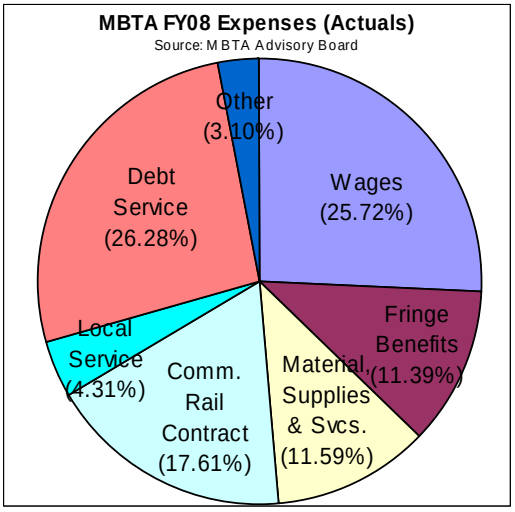
The MBTA's subsidy sources are assessments on cities and towns and sales tax receipts. Each municipality within the MBTA service district is assessed by the MBTA annually. Assessment rates are determined by population and collected by the state on the T's behalf. 175 of the Commonwealth's 351 cities and towns and over 73% of the Massachusetts population lives within the MBTA service district.[14]

As detailed above, the MBTA receives 20% of all sales tax receipts collected in Massachusetts. In FY08 sales tax

receipts constituted over 53% of total financing.

Expenses

The MBTA spent over $1.4 billion in FY08 across seven broad categories: debt service (26.3%), wage (25.7%), contracted commuter rail costs (17.6%), materials, supplies, and services (11.6%), fringe benefits (11.4%), contracted local services including paratransit and ferry (4.3%), and other costs such as insurance and finance charges (3.10%).[15]



Labor costs are a large component of MBTA spending. Over 90% of MBTA employees are unionized and these 26 individual unions bargain collectively for pay and benefits on behalf of their members; sometimes through binding arbitration. Once a labor contract is in place the Authority has little control over the pay and benefits its employees receive.

For instance, despite the MBTA's budget woes, a July 2008 binding arbitration ruling mandated retroactive 3% pay hikes for FY07 and FY08, a 3% increase in FY09 and a 4% increase in FY10 for most unionized employees.[16] Under Massachusetts law the MBTA has no choice but to pay these increased wages, even in the face of a $160.4 million deficit in FY10.

Pensions

The pensions of MBTA retirees are paid by an independent retirement fund to which the Authority makes formula-based annual employer contributions. In 2007, the last year for which a report is available, the retirement fund spent over $148 million on retiree benefits. That year the MBTA contributed just over $30 million to this fund, or 21% of benefit costs.[17]

III. National Context

The MBTA is not alone in facing stark choices in these economic times. As the economy has worsened and tax receipts declined, many public transportation agencies are considering service cuts

and/or fare increases in 2009 or 2010. A partial list of agencies with projected FY10 deficits include:

Agency	Projected Deficit
• MTA- New York:	$1.2b[18]
• LACMTA- LA:	$400m[19]
• MBTA- Boston	$160m
• CTA- Chicago:	$155m[20]
• WMATA- Wash. DC:	$154m[21]
• SEPTA- Philadelphia:	$150m[22]
• KCM- Seattle:	$100m[23]
• MARTA- Atlanta:	$65m[24]
• MUNI- San Francisco:	$65m[25]
• Metro- St. Louis:	$50m[26]
• Tri-Met- Portland, OR	$13.5m[27]

National Transportation Database

Each year the Federal Transit Administration collects data from public transportation agencies, collates it and produces the National Transit Database (NTD). Even though data may differ slightly from agency documents, since NTD data remains consistent throughout, for the purposes of comparison such differences are moot.

All numbers reported are taken from the NTD 2007 report, the most recent edition.

For the purposes of comparison the 10 largest agencies, in terms of unlinked trips, were evaluated. Particular attention was paid to governance structure, financing sources, projected deficits, and deficit closing strategies.

NYCT – New York

New York City Transit (NYCT) is a

NTD 2007 Report - Top 10 Largest Public Transportation Agencies					
Organization	**NYCT**	**CTA**	**LACMTA**	**WMATA**	**MBTA**
Size Rank	1	2	3	4	5
Region	New York	Chicago	Los Angeles	Wash. DC	Boston
Governance	Ops Unit	Pub. Authority	Pub. Authority	Pub. Authority	Pub. Authority
Operations Financing $	6,473,476,165	1,117,505,455	1,286,350,062	1,344,979,661	1,241,654,161
Operations Expenditure $	5,397,368,807	1,408,238,949	1,124,937,069	1,240,615,192	987,148,623
# FT Employees	49,391	10,589	9,587	10,207	7,428
Organization	**SEPTA**	**NJT**	**MUNI**	**MARTA**	**KCM**
Size Rank	6	7	8	9	10
Region	Philadelphia	New Jersey	San Francisco	Atlanta	Seattle
Governance	Pub. Authority	Pub. Authority	Govt. Unit	Pub. Authority	Govt. Unit
Operations Financing $	962,655,190	1,707,288,936	531,910,848	455,390,523	463,474,018
Operations Expenditure $	916,470,647	1,605,189,531	509,391,225	373,519,151	497,519,684
# FT Employees	8,784	10,309	3,802	4,459	3,073
Source: NTD 2007 Report					

division of the Metropolitan Transportation Administration (MTA). NYCT operates 26 subway lines, 243 bus routes, the Staten Island Railway and paratransit service across New York City

The MTA is governed by a 23-member board of directors comprised of 17 voting and 6 non-voting members. 6 of the 17 voting members are appointed by the Governor, 4 on the recommendation of New York City's Mayor and 1 each on the advice of the County Executives of Nassau, Suffolk, Westchester, Putnam, Duchess, Orange and Rockland Counties. Directors from Putnam, Duchess, Orange and Rockland Counties cast one collective vote. The 6 non-voting seats rotate between stakeholder groups.

The MTA is financed by system generated revenues (47%) and government subsidies (53%).[28] System generated revenues come principally from fares and tolls. Dedicated subsidies are generated from portion of the state gas tax, portions of statewide corporate and franchise taxes, proceeds from an MTA sales tax (0.375%) collected within the service district and a mortgage recording tax levied on property purchases within the MTA district.

MTA New York City Transit	
Service Area pop.	8,008,278
Annual Unlinked Trip	3,256,977,960
Governance Type	Ops. Unit
Total # Employees	49,391
Fare Financing	$2,811,715,386
Non-Fare SGR	$228,535,771
Total SGR	$3,040,251,157
Local Subsidy	$1,511,178,615
State Subsidy	$1,922,046,393
Federal Subsidy	$0
Total Subsidies	$3,433,225,008
Total Financing	**$6,473,476,165**
Employee Costs	$4,890,319,875
Mat. & Supplies	$480,157,780
Purchased Transport	$205,420,477
Other Ops. Costs	-$178,529,325
Total Expenditure	**$5,397,368,807**
Source: NTD 2007 Report	

New York City residents also pay "urban taxes" to the MTA in the form of a second mortgage recording tax, and a property transfer tax equal to 1% of a property's value when ownership is transferred.

The State of New York, MTA county governments, and New York City also appropriate grants to the MTA each year. Such grants are relatively small and change little year-to-year.[29] County governments also cover the costs of train station maintenance.

In FY10 the MTA faces a projected $1.2 billion deficit.[30] To close this gap an independent state commission proposed an 8% fare and toll increase, new tolls on previously un-tolled bridges, and a new 0.33% payroll tax within the MTA district.[31]

As the New York Assembly considers this proposal, the MTA Board recently approved a 20% to 30% fare and toll increase, the elimination of 35 bus routes, the axing of 2 subway lines, 1,000 lay-offs, additional cuts to off-peak service on all modes, extended subway headways, and the outright cancellation of some weekend bus service.[32]

CTA – Chicago

The Chicago Transit Authority (CTA) operates 153 bus routes and 8 heavy rail lines throughout the Chicago region. CTA's 7 member board consists of 4 mayoral and 3 gubernatorial appointees.

CTA is financed by system generated revenues (45%) and subsidies (55%).[33] Its largest subsidy source is a dedicated CTA sales tax (1.25% in Cook County, 0.75% in DuPage, Kane, Lake, McHenry and Will counties) collected within its service district.[34] The City of Chicago also collects a $1.50/$100 real estate transfer tax on property transactions dedicated to the CTA.

Illinois matches these locally generated funds from its state transportation trust fund, which is principally funded by the state gas tax. The State, Counties and the City of Chicago also directly appropriates grants to CTA for mandated free or reduced fares for students, veterans and elderly or disabled persons annually.[35]

Chicago Transit Authority	
Service Area pop.	3,763,791
Annual Unlinked Trip	499,544,307
Governance Type	Authority
Total # Employees	10,589
Fare Financing	$459,670,179
Non-Fare SGR	$44,175,591
Total SGR	$503,845,770
Local Subsidy	$307,176,469
State Subsidy	$195,642,681
Federal Subsidy	$110,840,535
Total Subsidies	$613,659,685
Total Financing	**$1,117,505,455**
Employee Costs	$1,131,641,346
Mat. & Supplies	$155,359,197
Purchased Transport	$0
Other Ops. Costs	$121,238,406
Total Expenditure	**$1,408,238,949**
Source: NTD 2007 Report	

In 2008, to close a $158 million deficit, Illinois increased the CTA sales tax and the Chicago real estate transfer tax. Despite these increases, CTA recently

announced a projected $155 million deficit for in its current fiscal year.[36] Prior to the tax increases, CTA intended to cut 50% of its bus routes, layoff 2,400 employees and dramatically increase fares. It remains unclear how it plans to close this new deficit.

LACMTA – Los Angeles

The Los Angeles County Metropolitan Transportation Authority (LACMTA) operates 191 bus routes, 3 transit ways, 3 light rail lines, 2 heavy rail lines, 1 BRT route, and paratransit service throughout Los Angeles County. It also provides regional planning, coordination, design and construction services to municipal governments as well as subsidies for 16 municipal bus lines, and LA's commuter rail service.

LACMTA is overseen by a 13-member board consisting of the 5 elected LA County supervisors, the Mayor of Los Angeles, 3 mayoral appointees, 4 elected city council members from outside of City of Los Angeles and 1 non-voting gubernatorial appointee.

LACMTA is financed by system generated revenues (26%) and subsidies (74%). Its principal subsidy source is a 1.75¢/$1.00 dedicated sales tax collected within LA County. This transit sales tax was increased in 2008 by ballot referenda.

Los Angeles County Metropolitan Transportation Authority	
Service Area pop.	8,493,281
Annual Unlinked Trip	495,362,403
Governance Type	Authority
Total # Employees	9,587
Fare Financing	$293,878,777
Non-Fare SGR	$36,984,744
Total SGR	$330,863,521
Local Subsidy	$613,335,929
State Subsidy	$156,786,942
Federal Subsidy	$185,363,670
Total Subsidies	$955,486,541
Total Financing	**$1,286,350,062**
Employee Costs	$739,469,348
Mat. & Supplies	$128,314,403
Purchased Transport	$34,463,344
Other Ops. Costs	$222,689,974
Total Expenditure	**$1,124,937,069**
Source: NTD 2007 Report	

Until recently, the Authority also received state subsidies under the California Transportation Development Act (TDA). The trust funds associated with this legislation receive 0.25¢ of the state sales tax, and a portion of the state's special sales tax on motor fuels.[37]

Under the austerity budget recently passed in California, TDA funding for public transportation agencies was

eliminated, a loss of over $400 million in FY10.[38]

WMATA – Washington, DC

The Washington Metropolitan Area Transit Authority operates 5 heavy rail lines, 338 bus routes and paratransit service in and around Washington, DC.[39] Its 12 member board consists of 4 members each from Maryland, Virginia, and Washington, DC.

Washington Metropolitan Area Transit Authority	
Service Area pop.	1,305,693
Annual Unlinked Trip	411,598,592
Governance Type	Authority
Total # Employees	10,207
Fare Financing	$514,611,829
Non-Fare SGR	$222,227,288
Total SGR	$736,839,117
Local Subsidy	$368,815,007
State Subsidy	$221,325,537
Federal Subsidy	$18,000,000
Total Subsidies	$608,140,544
Total Financing	**$1,344,979,661**
Employee Costs	$864,999,810
Mat. & Supplies	$146,062,251
Purchased Transport	$61,013,577
Other Ops. Costs	$168,539,554
Total Expenditure	**$1,240,615,192**
Source: NTD 2007 Report	

WMATA is financed by system generated revenues (55%) and subsidies (45%).[40] Operating and capital subsidies are paid by the District of Columbia, the State of Maryland and the Virginia counties of Fairfax and Arlington and the Cities of Fairfax, Falls Church, and Alexandria.

The District of Columbia earmarks portions of its 20.0¢ gas tax, parking meter fees, traffic fines, and vehicle registration fees to WMATA.[41]

Maryland pays its subsidies from the Maryland Transportation Trust Fund, which receives revenue from the state 23.5¢ gas tax, vehicle sales tax receipts, registry fees, corporate income taxes, rental car taxes, and other sources.[42]

In Virginia each local government funds its subsidy amount differently, usually through a combination of proceeds from an extra 2% gas tax levied within service district, property taxes and general fund appropriations.[43]

IN FY10 WMATA faces a $154 million deficit. Through layoffs and other administrative reductions, this deficit was reduced to $29 million in March 2009.[44] To close the $29 million deficit, WMATA plans to cut 10 bus routes, truncate 12 others and stretch headways on all modes.[45]

MBTA - Boston

The Massachusetts Bay Transportation Authority (MBTA) operates 191 bus routes, 14 commuter rail lines, 3 heavy rail lines, 3 ferry routes, 1 light rail line, and paratransit service. It is overseen by a 7-member board of directors each of whom is appointed by Governor.

The MBTA, like its peers, is financed by system generated revenues (37%) and subsidies (63%).[46] Its largest financing source is a dedicated 20% of all sales taxed collected in Massachusetts.

Massachusetts Bay Transportation Authority	
Service Area pop.	4,510,400
Annual Unlinked Trip	357,578,991
Governance Type	Authority
Total # Employees	7,428
Fare Financing	$395,876,376
Non-Fare SGR	$58,636,446
Total SGR	$454,512,822
Local Subsidy	$134,988,493
State Subsidy	$644,117,259
Federal Subsidy	$8,035,587
Total Subsidies	$787,141,339
Total Financing	**$1,241,654,161**
Employee Costs	$704,584,507
Mat. & Supplies	$111,002,988
Purchased Transport	$65,068,810
Other Ops. Costs	$106,492,318
Total Expenditure	**$987,148,623**
Source: NTD 2007 Report	

The MBTA faces a projected $160.4 million deficit in FY10.[47]

SEPTA – Philadelphia

The Southeastern Pennsylvania Transportation Authority (SEPTA) operates 117 bus routes, 8 light rail lines (trolley), 3 trackless trolley routes, 3 heavy rail lines, 13 commuter rail lines, shared ride service, and paratransit operations in Bucks, Chester, Delaware, Montgomery and Philadelphia Counties. Philadelphia City and County are synonymous.

The Pennsylvania Governor, Senate majority and minority leaders, and House majority and minority leaders each appoint 1 member of SEPTA's 15-member board. The remaining seats, respectively, are appointed by Philadelphia's Mayor, Philadelphia's City Council President, and the governments of Bucks (2), Chester (2), Montgomery (2), and Delaware (2) Counties. The 2 Philadelphia appointees may collectively veto any board action, but a 2/3 vote of the full board may override this veto within 30 days.

SEPTA is financed by system generated revenues (40%) and subsidies (60%).[48] State subsidies are paid through the new Pennsylvania Public Transportation Trust Fund (PPTTF). This funds receives

4.4% of all state sales tax receipts, PA lottery proceeds (earmarked for free transit for senior citizens) money from the PA Turnpike Authority, a $1 per purchased tire tax, a $2 per day tax on car rentals, and a 3% tax on car lease amounts.[49]

Local subsidies are appropriated annually by city and county governments as a match to state funds. All local funds are earmarked for projects and services benefiting those jurisdictions.[50]

Southeastern Pennsylvania Transportation Authority	
Service Area pop.	3,317,418
Annual Unlinked Trip	321,839,783
Governance Type	Authority
Total # Employees	8,784
Fare Financing	$348,621,108
Non-Fare SGR	$34,383,101
Total SGR	$383,004,209
Local Subsidy	$72,863,139
State Subsidy	$407,191,156
Federal Subsidy	$99,596,686
Total Subsidies	$579,650,981
Total Financing	**$962,655,190**
Employee Costs	$755,547,558
Mat. & Supplies	$84,737,506
Purchased Transport	$38,581,837
Other Ops. Costs	$37,603,746
Total Expenditure	**$916,470,647**
Source: NTD 2007 Report	

SEPTA also faces a difficult FY10. Currently it is in the middle of contentious negotiations with its labor unions over its attempt to increase its employee health insurance premium cost-share amount from its current 1%.[51]

The viability of the PPTTF is also in question. Payments by the PA Turnpike Authority accounted for over 30% of all PPTTF funding in FY08. To cover these payments the Turnpike Authority planned to add tolls on I-80, a previously un-tolled, east-west highway. However, in 2008 the Federal Highway Administration rejected its tolling request, raising doubts about the Turnpike Authority's ability to meet its trust fund obligations.[52]

In late March 2009 SEPTA released its FY10 budget. The transmittal letter accompanying this budget warns of a potential $150 million deficit in FY10 due to declining sales tax receipts and the failure of the tolling proposal.[53]

NJT – New Jersey

The New Jersey Transit (NJT) Corporation is a state entity that operates 242 local and commuter bus routes, 11 commuter rail lines, 3 light rail lines and paratransit service throughout the state. NJT is overseen by a 7 member board, each of whom is appointed by the

Governor, who may unilaterally veto any board decision.

NJT is financed from system generated revenue (49%) and government subsidies (51%). Its subsidies are paid principally by casino gambling taxes[54] and the state transportation trust fund.[55] This trust fund is financed by a 10.5¢ gas tax, 13.5¢ diesel tax, 2.75% tax on petroleum product distributors, sales taxes on new vehicle purchases, vehicle registration fees, special heavy truck fees, and annual appropriations from toll road authorities.

New Jersey Transit Corporation	
Service Area pop.	17,799,861
Annual Unlinked Trip	268,289,345
Governance Type	Govt. Unit
Total # Employees	10,309
Fare Financing	$679,299,440
Non-Fare SGR	$158,773,943
Total SGR	$838,073,383
Local Subsidy	$14,721,367
State Subsidy	$598,848,801
Federal Subsidy	$255,645,385
Total Subsidies	$869,215,553
Total Financing	**$1,707,288,936**
Employee Costs	$959,316,831
Mat. & Supplies	$220,339,772
Purchased Transport	$155,309,304
Other Ops. Costs	$270,223,624
Total Expenditure	**$1,605,189,531**
Source: NTD 2007 Report	

As a unit of state government NJT's budget is wound into the overall state budget. New Jersey faces a $7 billion deficit in FY10.[56] Additionally, six of the state's eleven casinos are currently in bankruptcy, calling into question the financing NJT receives from gambling taxes.[57]

MUNI – San Francisco

San Francisco Municipal Railway	
Service Area pop.	808,844
Annual Unlinked Trip	206,458,675
Governance Type	Govt. Unit
Total # Employees	3,802
Fare Financing	$142,993,651
Non-Fare SGR	$12,724,692
Total SGR	$155,718,343
Local Subsidy	$277,074,154
State Subsidy	$93,961,396
Federal Subsidy	$5,156,955
Total Subsidies	$376,192,505
Total Financing	**$531,910,848**
Employee Costs	$409,615,265
Mat. & Supplies	$41,530,691
Purchased Transport	$18,700,137
Other Ops. Costs	$39,545,132
Total Expenditure	**$509,391,225**
Source: NTD 2007 Report	

The San Francisco Municipal Railway (MUNI) is a division of the San Francisco Municipal Transportation Agency (SFMTA), itself a unit of city government. MUNI operates 54 bus routes, 7 light rail lines and San Francisco's famed cable car.

SFMTA is overseen by a 7 member

board of directors, each of whom is appointed by San Francisco's Mayor.

MUNI is financed by system generated revenues (29.3%) and subsidies (71%). Almost all subsidies are generated locally[58] from a tax on off-street parking, parking fines, meter revenue, moving violations and other automobile-related fees.[59] MUNI also receives annual appropriations from the city general fund and, until recently, from the state under the TDA.

Like LACMTA, MUNI faces the loss of TDA subsidies in 2009. Such a loss could leave a $50 million hole in its 2009 budget and a $65 million shortfall in 2010.[60]

MARTA – Atlanta

The Metropolitan Atlanta Rapid Transit Authority (MARTA) operates 4 heavy rail lines, 138 bus routes and paratransit service in and around Atlanta.

Atlanta's Mayor appoints 4 of MARTA's 18 board members. Other appointments are made by the County Commissions of Fulton (3), DeKalb (5), Clayton (1) and Gwinnett (1) Counties, the Georgia Departments of Revenue (1), the Georgia Department of Transportation (1), the Atlanta Regional Transportation Authority (1) and the Atlanta Building Authority (1).

Metropolitan Atlanta Rapid Transit Authority	
Service Area pop.	1,574,600
Annual Unlinked Trip	147,523,544
Governance Type	Authority
Total # Employees	4,459
Fare Financing	$102,141,681
Non-Fare SGR	$37,869,231
Total SGR	$140,010,912
Local Subsidy	$275,288,244
State Subsidy	$0
Federal Subsidy	$40,091,367
Total Subsidies	$315,379,611
Total Financing	**$455,390,523**
Employee Costs	$329,163,776
Mat. & Supplies	$36,372,958
Purchased Transport	$0
Other Ops. Costs	$7,982,417
Total Expenditure	**$373,519,151**
Source: NTD 2007 Report	

System generated revenues (31%) and subsidies (69%) finance MARTA.[61] Its principal subsidy source is a dedicated sales tax collected within Fulton and DeKalb counties.[62] Neither the state nor Clayton or Gwinnett Counties subsidize MARTA.

MARTA's projected deficit in FY10 is $65 million due to a decline in sales tax receipts.[63] To close this gap the Authority is considering a 25¢ fare

increase and/or a 10% to 30% cut in service.[64]

KCM – Seattle

Seattle's King County Metro (KCM) operates 222 bus routes, a public van pool operation, and paratransit service in King County, Washington including the City of Seattle. It will also operate a new regional light rail line scheduled to open this year.[65]

King County Metro	
Service Area pop.	1,861,300
Annual Unlinked Trip	113,928,156
Governance Type	Govt. Unit
Total # Employees	3,073
Fare Financing	$85,138,566
Non-Fare SGR	$73,445,979
Total SGR	$158,584,545
Local Subsidy	$290,956,818
State Subsidy	$4,060,508
Federal Subsidy	$9,872,147
Total Subsidies	$304,889,473
Total Financing	**$463,474,018**
Employee Costs	$302,504,000
Mat. & Supplies	$57,970,186
Purchased Transport	$79,644,172
Other Ops. Costs	$57,401,326
Total Expenditure	**$497,519,684**
Source: NTD 2007 Report	

A unit of county government, KCM is answerable to the elected King County Executive and County Council.

KCM's is financed by system generated revenues (34%) and subsidies (66%).[66] Its principal subsidy is a dedicated portion of the 8% King County sales tax.[67]

Despite three fare increases since March 2008 and a 20% increase in ridership since 2006, in FY10 KCM faces a $100 million deficit due to declining sales tax receipts.[68] To close this gap county leaders are considering a 20% service cut or a new local vehicle excise tax.[69]

IV. Conclusion:

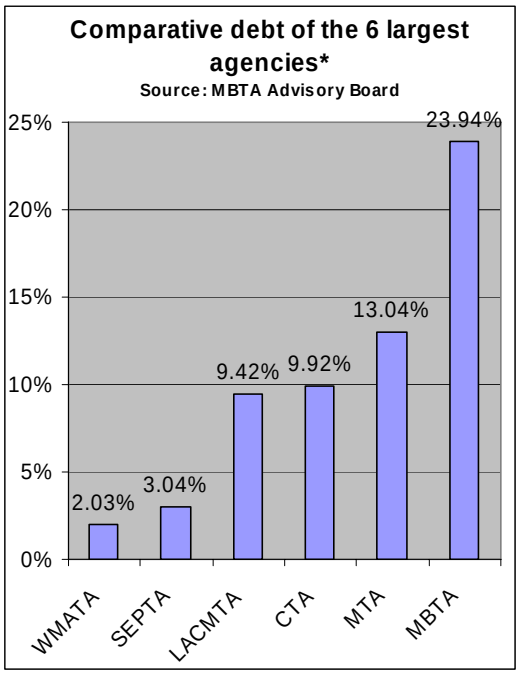
Comparative Debt

All transit agencies have some debt. The difference between them is the financing sources available to service that debt, and the ultimate responsibility for it.

Transit agencies which operate as units of government, for all intents and purposes, have their debts paid by their parent government organization. Still others have dedicated revenue streams for debt service or maintenance.

The MBTA is unique among its peers in that it lacks a dedicated revenue source for debt service or capital maintenance. Among its peers, the MBTA spends the most on debt service as a percentage of

funds also available for operating costs. * These are funds the T could spend on operating costs, its $2.7 billion maintenance backlog, system enhancements, better on-time performance of measures to reduce overcrowding.



Instead, the T is required to fund its operating costs, capital maintenance program and debt service from the same financing sources. This makes operating costs compete with debt service costs. Most debt service costs are contractually obligated; whereas most operating costs are not. In FY10 debt service costs will consume an even larger 26.08% of spending.[70]

Recommendations

The United States faces a national public transportation financing crisis without a national solution. Each of the 10 largest public transportation agencies faces stark choices in FY10 due to economic conditions beyond their control.

The MBTA's bleak FY10 financial outlook is exacerbated because of its unusually large debt load, and the lack of a dedicated revenue source for debt or capital costs. $78 million the projected $160.4 FY10 deficit is due to increased debt service payments.[71]

Two-thirds of the debt on the MBTA's books was assigned to it by the Commonwealth, including $1.8 billion in big dig related debt.

Organizational structure does not matter as much as financial structure. The underperformance of the sales tax as a principal financing source and too much debt are the causes of the T's structural weaknesses. Until these factors are addressed, no amount of reorganization, efficiencies, or reforms will allow prevent deficits in FY10 or in the future.

* Calculated as a percentage of total expenditure from financing sources primarily used for operating costs. Based on each agency's FY09 proposed budget. MBTA debt does not include lease payments.

The fairest, most equitable and fiscally prudent step the Commonwealth could take to make the T whole for next year and for years to come would be to take back its $3.3 billion in debt. Such an action would save the MBTA hundreds of millions of dollars in annual debt service costs and free up financial resources to operate the system and reduce the backlog of maintenance needs. Most importantly, it would make the T whole in FY10 and for many, years to come.

Endnotes:

[1] J. Davis, MBTA CFO, presentation to the Regional Transportation Advisory Council 2/11/08
[2] J. Davis, MBTA CFO, Presentation to MBTA Board of Directors Feb. 12, 2009
[3] "Transportation Finance in Massachusetts: Building a Sustainable Transportation Financing System" Recommendations of the Massachusetts Transportation Finance Commission Vol. 2, September 17, 2007
[4] MBTA Advisory Board FY09 Budget Report
[5] J. Davis, MBTA CFO, presentation to MBTA Board of Directors Feb. 12, 2009
[6] J. Davis, presentation to MBTA Board Feb. 12, 2009
[7] "Transportation Finance in Massachusetts: An Unstainable System" Findings of the Massachusetts Transportation Finance Commission Vol. 1, March 28, 2007
[8] J. Davis, presentation to MBTA Advisory Board 3/24/09
[9] J. Davis, presentation to MBTA Board Feb. 12, 2009
[10] http://www.eot.state.ma.us/downloads/planning/SIP_SupportingMaterial.pdf
[11] J. Davis, presentation to MBTA Advisory Board 3/24/09
[12] D. Grabauskas, MBTA GM, briefing to legislators, State House, 3/10/09
[13] MBTA Advisory Board staff analysis of FY09 budget
[14] MBTA Advisory Board staff analysis based on census and MA A&F data.
[15] MBTA Advisory Board "MBTA FY08 Transfer #2 Report" Nov. 6. 2008
[16] MBTA Advisory Board "MBTA FY20 Transfer Request #2 Report" 11/6/08
[17] Analysis based on the MBTA Retirement Fund's 2007 Annual Report, p. 19.
[18] New York Times, "M.T.A. Votes to Raise Fares and Cut Service" 3/25/09
[19] LA Times "Former bus driver new MTA chief" 3/5/09
[20] Chicago Tribune, "CTA service cuts, fare hikes on table" 3/12/09
[21] Washington Post, "Proposed Metrobus Cuts to Get Public Hearings" 3/25/09
[22] Philadelphia Inquirer "SEPTA budget proposal: No fare increases of service cuts" 3/30/09
[23] Seattle Times ":Metro Transit fears $100 million potential shortfall; service cuts" 2/18/09
[24] Atlanta Constitution-Journal "MARTA ridership growth was tops among cities during gas crunch" 3/9/09
[25] http://www.livablecity.org/
[26] WBUR "MBTA Part of National Transit Funding Crisis" 3/12/09
[27] The Oregonian "TriMet cutbacks could leave riders at the curb" 4/2/09
[28] NTD 2007 Report
[29] New York City Independent Budget Office "Inside the Budget" No. 158, August 14, 2008
[30] New York Times, "As Revenue Falls, MTA Deficit Could Rise by $650 million" 2/23/09
[31] New York Times, "Resistance is Building to Payroll Tax in Rescue Plan for MTA" 2/12/09
[32] New York Times, "M.T.A. Votes to Raise Fares and Cut Service" 3/25/09
[33] NTD 2007 Report
[34] Chicago RTA 2007 Annual Report
[35] Report of the Illinois State Auditor" Mass Transit Agencies of Northeastern Illinois" March 2007, Vol. 2.
[36] Chicago Tribune "CTA service cuts, fare hikes on table" 3/12/09
[37] Caltrans Division of Mass Transportation "TDA Statues & California Code of Regulations" March 2009.
[38] LA Times "Former bus driver new MTA chief" 3/5/09

[39] NTD 2007 Report
[40] NTD 2007 Report
[41] "Washington's Metro: Deficits by Design" Brookings, June 2004
[42] "Washington's Metro: Deficits by Design" Brookings, June 2004
[43] Harcum, Richard, P. WMATA Budget Director, email received 3/6/09
[44]Washington Post "Metro Facing Layoffs, Cutbacks" 1/9/09
[45] Washington Post "Proposed Metrobus Cuts to Get Public Hearings" 3/25/09
[46] NTD 2007 Report
[47] http://www.youmovemassachusetts.org/reform_gastaxoptions_022009.html
[48] NTD 2007 Report
[49] SW PA Commission 2009-2012 TIP Appendix A
[50] SEPTA FY09 Budget Operating Budget Report
[51] Philadelphia Inquirer "SEPTA, transport union in talks to avert strike" 3/6/09
[52] Forbes: "Pew study assesses failed Pa. turnpike lease plan: 3/25/09
[53] Philadelphia Inquirer "SEPTA budget proposal: No fare increases of service cuts" 3/30/09
[54] Philadelphia Inquirer "Competition and economy take toll in A.C." 2/15/09
[55] NTD 2007 Report
[56] NY Times "In a Tough Sell, Corzine Works to Connect" 3/9/09.
[57] Philadelphia Inquirer "Competition and economy take toll in A.C." 2/15/09
[58] NTD 2007 Report "Tax Funds" appendix
[59]www.sfgov.org/site/uploadedfiles/controller/budget_information/taxrev/PkgTax.pdf
[60] http://www.livablecity.org/
[61] NTD 2007 Report
[62] MARTA "Comprehensive Annual Financial Report Year Ended June 30, 2008
[63] Atlanta Constitution-Journal "MARTA ridership growth was tops among cities during gas crunch" 3/9/09
[64] Atlanta Constitution-Journal "MARTA ridership growth was tops among cities during gas crunch" 3/9/09
[65] King County DOT Annual Report 2007
[66] NTD 2007 Report
[67] NTD 2007 Report "Tax Funds" appendix
[68] Seattle Times ":Metro Transit fears $100 million potential shortfall; service cuts" 2/18/09
[69] King County Executive Press Release: "Metro's potential service cuts equal to a full year of service in other counties" 2/24/09
[70] J. Davis, Presentation to MBTA Board March. 12, 2009
[71] J. Davis, Presentation to MBTA Board March. 12, 2009

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BSCES
Boston Society of Civil Engineers Section

Transportation Group

Thursday, May 14, 2009

2009 Bertram Berger Seminar

Climate Change & Transportation

Keynote Speaker
James A. Aloisi, Jr.
Massachusetts Secretary of Transportation

Honorary Chair
Luisa M. Paiewonsky
Massachusetts Highway Department Commissioner

Anthony's Pier 4 Restaurant
140 Northern Avenue, Boston, MA
8:00 AM Registration; 8:30 AM Panels; 11:45 AM Social
12:15 PM Luncheon, Bert Berger Tribute, Keynote Address, and Awards.

$75 Members, $85 Non-Members
$40 Public Sector Members, $50 Public Sector Non-Members
$40 Senior Members (65+), $30 Students (limited to 25)
Tables (for 10) - $800 with Corporate name on the table (non-sponsor)
Attendance is limited to the first 250!

Panel One 8:30 AM – 9:45 AM

Setting the Case for Climate Change

- Moderator – Dr. John Collura, Program Director, UMass, Amherst
- Raymond Bradley, Director Climate Change Institute, UMass, Amherst
- Elisabeth Hamin, Professor Landscape Architecture & Regional Planning UMass, Amherst
- Ronald Prinn, Director of the Center for Global Climate Change, MIT
- Deputy Secretary Transportation Planning, Maeve Vallely-Bartlett, Massachusetts Executive Office of Environmental Affairs

Panel Two 10:00 AM – 11:45 AM

Government's Response to Climate Change

- Moderator – Commissioner Luisa Paiewonsky, Massachusetts Highway Department
- Gloria Shepherd, Associate Administrator, Planning, Environment and Realty, USDOT
- Dr. Michael Meyer, Georgia Institute of Technology
- Secretary William Ankner, Louisiana Department of Transportation and Development
- Tricia Haederle, Massport

Registration Deadline: Wednesday, May 6, 2009

Information/Registration: Register to attend this meeting and pay by credit card online at www.bsces.org. Click on Events then BSCES Events; locate and click on the program name and click on Learn More. You can also register by contacting Molly Kerrigan at 617/305-4113 or mkerrigan@engineers.org. Inquire about a Corporate Sponsorship!

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