

Metropolitan Transit Authority of Harris County

6/29/2012

**LOW SCENARIO:
GENERAL MOBILITY PROGRAM CONTINUES**
See attached assumptions.

(\$ in Thousands)

	2012	2013	2014	2015	2016	2017	2018	2019
Population (000s)	5,436	5,546	5,662	5,807	5,961	6,115	6,260	6,396
Beginning Balance	\$ 69,798	\$ 183,207	\$ 112,911	\$ 72,683	\$ 74,837	\$ 76,595	\$ 79,950	\$ 83,323
Revenues								
Sales Tax	\$ 572,645	\$ 598,414	\$ 627,336	\$ 663,157	\$ 706,527	\$ 752,239	\$ 799,781	\$ 850,405
Farebox	64,816	65,464	66,118	69,424	73,590	77,269	80,360	81,164
HOT Lanes	1,000	2,000	3,000	5,000	5,000	5,000	5,141	5,286
City Contribution to Harrisburg	-	5,699	9,301	1,000	1,000	1,000	1,000	1,000
Misc Revenue	1,501	2,542	2,604	2,677	2,764	2,844	2,924	3,007
Total Revenues	\$ 639,962	\$ 674,119	\$ 708,359	\$ 741,258	\$ 788,881	\$ 838,352	\$ 889,206	\$ 940,862
Grant Funds								
ARRA Stimulus	\$ 11,869	\$ 25,056	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Formula SEC 5307	64,151	65,434	66,742	68,077	69,439	70,828	72,244	73,689
Fixed Guideway	12,339	12,586	12,837	13,094	13,356	13,623	13,896	14,174
Misc and Bus Facility Grants	8,295	19,229	7,974	8,055	4,527	4,617	4,710	4,804
Total Grants	\$ 96,653	\$ 122,304	\$ 87,554	\$ 89,227	\$ 87,322	\$ 89,068	\$ 90,849	\$ 92,666
FFGA Funds								
North	\$ 169,884	\$ 110,912	\$ 49,000	\$ 11,375	\$ 7,599	\$ 19,472	\$ 11,975	\$ 10,678
Southeast	182,549	105,345	50,500	15,000	519	-	3,364	14,271
Total FFGA	\$ 352,433	\$ 216,257	\$ 99,500	\$ 26,375	\$ 8,118	\$ 19,472	\$ 15,340	\$ 24,949
Bond Proceed Draws								
Sales Tax - 2011A	\$ 180,000	\$ 160,132	\$ 42,142	-	-	-	-	-
Contractual Obligations	46,135	95,000	115,000	62,681	60,757	61,668	62,593	63,532
Commercial Paper Notes	-	-	-	-	-	-	-	-
Total Proceeds	\$ 226,135	\$ 255,132	\$ 157,142	\$ 62,681	\$ 60,757	\$ 61,668	\$ 62,593	\$ 63,532
Total Sources of Funds	\$ 1,384,981	\$ 1,451,019	\$ 1,165,466	\$ 992,224	\$ 1,019,915	\$ 1,085,156	\$ 1,137,938	\$ 1,205,332
Operating Expenses								
General Bus Current Service	\$ 345,555	\$ 349,011	\$ 352,501	\$ 356,026	\$ 359,586	\$ 366,135	\$ 383,205	\$ 400,243
Bus Service - New Service	-	-	-	-	-	-	-	-
Traffic Management	3,535	3,631	3,719	3,824	3,949	4,063	4,177	4,295
MetroLift	43,191	45,268	47,341	49,913	52,913	55,855	58,788	61,784
Star Van Pool	6,430	6,605	6,765	6,956	7,183	7,390	7,598	7,814
Rail - Main	27,537	28,572	28,572	22,614	23,351	24,026	24,701	25,402
Rail - North	-	-	-	15,592	16,101	16,566	17,032	17,515
Rail - Southeast	-	-	-	14,748	15,228	15,668	16,109	16,566
Rail - East End	-	-	-	5,378	11,106	11,427	11,748	12,082
HOT Lanes	4,151	5,000	7,200	5,000	5,000	5,000	5,141	5,286
Additional Expenses	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Total Operating Expenses	\$ 430,399	\$ 442,587	\$ 450,598	\$ 484,550	\$ 498,917	\$ 510,630	\$ 532,998	\$ 555,487
General Mobility								
General Mobility (01- Continues at 25%)	\$ 143,161	\$ 149,604	\$ 156,834	\$ 165,789	\$ 176,632	\$ 188,060	\$ 199,945	\$ 212,601
General Mobility Carryover	39,000	19,374	-	-	-	-	-	-
MultiCities	(6,003)	(6,408)	(6,764)	(7,000)	(1,773)	-	-	-
Total General Mobility	\$ 176,158	\$ 162,570	\$ 150,070	\$ 158,789	\$ 174,859	\$ 188,060	\$ 199,945	\$ 212,601
Capital & Other Expenses								
North	\$ 136,253	\$ 184,853	\$ 61,385	\$ 3,855	\$ 12,665	\$ 32,454	\$ 19,959	\$ 17,796
Southeast	155,965	191,536	99,437	8,286	-	-	6,117	25,947
East End	108,100	140,273	112,792	20,963	-	-	-	-
University	2,180	-	-	-	-	-	-	-
Uptown	3,049	-	-	-	-	-	-	-
UPRR Test Track	-	-	1,550	-	-	-	-	-
CBD Intermodal Transit Terminal (Burnett)	-	5,831	4,831	4,823	2,000	-	-	-
Main Street Upgrades and Expansion	30,030	40,546	10,726	6,039	4,002	-	-	-
US 90A Rail Project	600	-	-	-	-	-	-	-
HOT/HOV Improvements & Access Improvements	22,534	20,434	-	-	-	-	-	-
Clear Lake Park & Ride	4,511	989	9,088	-	-	-	-	-
SH 289 Park & Ride - Phase 2	4,298	1,103	9,193	-	-	-	-	-
Missouri City Park & Ride	37	38	5,147	8,208	-	-	-	-
Bus shelters, lanes, pads, curb cuts - Phase 2	1,901	3,327	2,922	2,110	2,110	1,800	1,854	1,910
Total MRE & Other Capital Expenses	\$ 469,458	\$ 588,930	\$ 317,071	\$ 54,284	\$ 20,777	\$ 34,254	\$ 27,930	\$ 45,653
Capital Investment State of Good Repair								
Main Street	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ 3,000	\$ 3,500
North	-	-	-	-	-	-	-	-
Southeast	-	-	-	-	-	-	-	-
East End	-	-	-	-	-	-	-	-
Rail Vehicle Replacement	-	-	-	-	-	-	-	-
IT Projects	1,000	1,541	1,657	7,789	1,940	2,096	8,262	2,443
Facilities Maintenance	5,243	9,246	8,417	9,736	10,054	10,344	11,817	12,152
HOT Lanes	-	500	527	558	594	629	3,731	3,951
Bus Replacement	46,135	68,348	60,962	62,681	60,757	61,668	62,593	63,532
Bus Improvement and Support Vehicles	25,080	11,302	7,445	8,048	17,640	9,000	9,360	9,734
Total	\$ 77,458	\$ 90,937	\$ 79,008	\$ 88,812	\$ 90,985	\$ 86,237	\$ 98,763	\$ 95,313
Debt Service Expense								
Existing Debt Service	\$ 41,661	\$ 47,445	\$ 64,856	\$ 64,213	\$ 71,680	\$ 69,989	\$ 69,983	\$ 69,991
Contractual Obligations New	-	-	11,211	24,300	32,262	39,978	47,809	55,763
Revenue and Appropriation	-	-	-	-	-	-	-	-
Commercial Paper Interest	5,640	5,640	5,640	5,640	4,790	3,940	2,640	1,440
Commercial Paper Principal	1,000	-	-	31,000	33,000	38,000	42,000	45,000
Total D/S Expense	\$ 48,301	\$ 53,085	\$ 81,707	\$ 125,153	\$ 141,732	\$ 151,907	\$ 162,432	\$ 172,194
Total Uses of Funds	\$ 1,201,774	\$ 1,338,109	\$ 1,078,454	\$ 911,589	\$ 927,269	\$ 971,088	\$ 1,022,069	\$ 1,081,248
Ending Balance	\$ 183,207	\$ 112,911	\$ 87,012	\$ 80,635	\$ 92,646	\$ 114,067	\$ 115,870	\$ 124,083
Fund Balance - 15% Minimum Operating Reserves	\$ 66,388	\$ 67,590	\$ 72,683	\$ 74,837	\$ 76,595	\$ 79,950	\$ 83,323	\$ 86,759
Potential Carryforward Balance	\$ 183,207	\$ 112,911	\$ 87,012	\$ 80,635	\$ 92,646	\$ 114,067	\$ 115,870	\$ 124,083
To 2030:								
Net Revenues Available for New Projects (\$1.64 billion)	\$ -	\$ -	\$ 14,330	\$ 5,797	\$ 16,051	\$ 34,117	\$ 32,547	\$ 37,168
Additional Programs:								
Additional Bus Service (new and enhanced)			\$ 5,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 10,000
Capital Project for buses-PnRs(5), TCs(5), and Signature Service Infrastructure(4)					1,500	6,000	6,000	6,000
Bus Operating Facility (2 new)						7,000	6,000	9,000
Transit Center Conversions (4)						1,000	1,000	1,000
System Signage Improvement			\$ 500	\$ 500	500	500	500	500
Additional Shelters							1,000	1,000
Additional Maintenance Costs for new facilities			15	15	60	435	435	525
Total Improvements to Bus Service			\$ 5,515	\$ 5,515	\$ 7,060	\$ 24,935	\$ 24,935	\$ 28,225
Available for Major Capital Project			\$ 8,815	\$ 282	\$ 8,991	\$ 9,182	\$ 7,612	\$ 9,143
Additional Bus Service (\$867.70 million)								
New Bus Service as % of Current Scheduled Bus Service				1.4%	1.4%	2.7%	2.6%	2.5%
Assumptions for Additional Programs								
Additional Bus Service includes capital and operating costs (Additional Bus Service in Revenue Miles)	2012	2013	2014	2015	2016	2017	2018	2019
Shelters assume an average cost of \$25,000 per shelter providing 40 new shelters each year including maintenance cost.				42	0	39	0	0
P&Rs assume an average cost of \$5M per P&R								
Transit Centers (TC) assume an average cost of \$5M per TC								
Signature Service Infrastructure includes stations and station amenities								
TC Conversions assume an average cost \$2M								
Bus Operating Facility assumes an average cost of \$83M per BOF								

Metropolitan Transit Authority of Harris Cc
LOW SCENARIO:
GENERAL MOBILITY PROGRAM CONTINUES
 See attached assumptions.

(\$ in Thousands)

	2020	2021	2022	2023	2024	2025	2026	2027
Population (000s)	6,531	6,667	6,798	6,926	7,050	7,175	7,298	7,419
Beginning Balance	\$ 86,915	\$ 90,208	\$ 93,758	\$ 97,262	\$ 100,800	\$ 104,379	\$ 108,146	\$ 111,804
Revenues								
Sales Tax	\$ 902,410	\$ 956,094	\$ 1,010,707	\$ 1,066,805	\$ 1,124,292	\$ 1,182,695	\$ 1,242,873	\$ 1,305,436
Farebox	81,975	82,795	83,623	84,459	85,304	86,157	87,018	87,889
HOT Lanes	5,446	5,607	5,773	5,947	6,127	6,314	6,509	6,711
City Contribution to Harrisburg	-	-	-	-	-	-	-	-
Misc Revenue	3,098	3,189	3,284	3,383	3,486	6,681	6,792	6,907
Total Revenues	\$ 992,929	\$ 1,047,685	\$ 1,103,387	\$ 1,160,594	\$ 1,219,209	\$ 1,281,847	\$ 1,343,193	\$ 1,406,943
Grant Funds								
ARRA Stimulus	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Formula SEC 5307	75,163	76,666	78,199	79,763	81,359	82,986	84,645	86,338
Fixed Guideway	14,457	14,746	15,041	15,342	15,649	15,962	16,281	16,607
Misc and Bus Facility Grants	4,900	4,988	5,098	5,200	5,304	5,410	5,518	5,628
Total Grants	\$ 94,520	\$ 96,410	\$ 98,338	\$ 100,305	\$ 102,311	\$ 104,357	\$ 106,445	\$ 108,573
FFGA Funds								
North	\$ 11,977	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Southeast	16,008	-	-	-	-	-	-	-
Total FFGA	\$ 27,985	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Proceed Draws								
Sales Tax - 2011A	-	-	-	-	-	-	-	-
Contractual Obligations	50,000	25,000	25,000	-	-	-	-	-
Commercial Paper Notes	-	-	-	-	-	-	-	-
Total Proceeds	\$ 50,000	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Sources of Funds	\$ 1,252,349	\$ 1,259,303	\$ 1,320,483	\$ 1,358,161	\$ 1,422,320	\$ 1,490,584	\$ 1,557,784	\$ 1,627,321
Operating Expenses								
General Bus Current Service	\$ 417,250	\$ 434,225	\$ 451,169	\$ 468,081	\$ 484,961	\$ 501,810	\$ 518,627	\$ 535,413
Bus Service - New Service	-	-	-	-	-	-	-	-
Traffic Management	4,425	4,556	4,691	4,832	4,978	5,130	5,288	5,453
MetroLift	64,996	68,308	71,728	75,264	78,941	82,797	86,821	91,014
Star Van Pool	8,050	8,287	8,533	8,789	9,055	9,333	9,620	9,919
Rail - Main	26,169	26,941	27,741	28,574	29,440	30,340	31,275	32,247
Rail - North	18,044	18,577	19,128	19,702	20,299	20,920	21,565	22,235
Rail - Southeast	17,066	17,570	18,092	18,635	19,199	19,787	20,396	21,030
Rail - East End	12,447	12,814	13,195	13,590	14,002	14,431	14,875	15,338
HOT Lanes	5,446	5,607	5,773	5,947	6,127	6,314	6,509	6,711
Additional Expenses	4,500	4,500	5,000	5,000	5,000	5,000	6,000	6,000
Total Operating Expenses	\$ 578,393	\$ 601,385	\$ 625,050	\$ 648,414	\$ 672,002	\$ 695,861	\$ 720,976	\$ 745,361
General Mobility								
General Mobility (01- Continues at 25%)	\$ 225,603	\$ 239,024	\$ 252,677	\$ 266,701	\$ 281,073	\$ 295,674	\$ 310,718	\$ 326,359
General Mobility Carvoyer	-	-	-	-	-	-	-	-
MultiCities	-	-	-	-	-	-	-	-
Total General Mobility	\$ 225,603	\$ 239,024	\$ 252,677	\$ 266,701	\$ 281,073	\$ 295,674	\$ 310,718	\$ 326,359
Capital & Other Expenses								
North	\$ 19,962	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Southeast	29,105	-	-	-	-	-	-	-
East End	-	-	-	-	-	-	-	-
University	-	-	-	-	-	-	-	-
Uptown	-	-	-	-	-	-	-	-
UPRR Test Track	-	-	-	-	-	-	-	-
CBD Intermodal Transit Terminal (Burnett)	-	-	-	-	-	-	-	-
Main Street Upgrades and Expansion	-	-	-	-	-	-	-	-
US 90A Rail Project	-	-	-	-	-	-	-	-
HOT/HOV Improvements & Access Improvements	-	-	-	-	-	-	-	-
Clear Lake Park & Ride	-	-	-	-	-	-	-	-
SH 289 Park & Ride - Phase 2	-	-	-	-	-	-	-	-
Missouri City Park & Ride	-	-	-	-	-	-	-	-
Bus shelters, lanes, pads, curb cuts - Phase 2	1,967	2,026	2,087	2,149	2,214	2,280	2,349	2,419
Total MRE & Other Capital Expenses	\$ 51,034	\$ 2,026	\$ 2,087	\$ 2,149	\$ 2,214	\$ 2,280	\$ 2,349	\$ 2,419
Capital Investment State of Good Repair								
Main Street	\$ 4,000	\$ 4,500	\$ 5,000	\$ 7,888	\$ 8,204	\$ 8,532	\$ 8,873	\$ 9,228
North	-	-	-	7,997	8,317	8,649	8,995	9,355
Southeast	-	-	-	9,019	9,380	9,755	10,145	10,551
East End	-	-	-	6,803	7,075	7,358	7,652	7,958
Rail Vehicle Replacement	-	-	-	-	-	-	-	-
IT Projects	2,642	8,856	3,088	3,340	9,613	3,910	4,232	10,582
Facilities Maintenance	12,519	12,889	14,599	15,037	15,492	15,966	17,954	18,513
HOT Lanes	4,193	4,446	4,715	5,002	5,309	5,635	5,983	6,354
Bus Replacement	64,803	66,099	67,421	68,769	70,145	72,951	75,869	78,903
Bus Improvement and Support Vehicles	10,124	10,529	10,950	11,388	11,843	12,317	12,810	13,322
Total	\$ 98,281	\$ 107,319	\$ 105,773	\$ 135,243	\$ 145,378	\$ 145,073	\$ 152,512	\$ 164,767
Debt Service Expense								
Existing Debt Service	\$ 69,986	\$ 69,986	\$ 63,257	\$ 54,342	\$ 49,889	\$ 44,617	\$ 44,614	\$ 44,620
Contractual Obligations New	63,828	70,207	72,197	75,455	76,740	76,745	68,062	60,329
Revenue and Appropriation	-	-	-	-	-	-	-	-
Commercial Paper Interest	-	-	-	-	-	-	-	-
Commercial Paper Principal	-	-	-	-	-	-	-	-
Total D/S Expense	\$ 133,814	\$ 140,193	\$ 135,454	\$ 129,797	\$ 126,629	\$ 121,362	\$ 112,676	\$ 104,949
Total Uses of Funds	\$ 1,087,124	\$ 1,089,946	\$ 1,121,040	\$ 1,182,305	\$ 1,227,297	\$ 1,260,250	\$ 1,299,231	\$ 1,343,854
Ending Balance	\$ 165,225	\$ 169,356	\$ 199,442	\$ 175,857	\$ 195,024	\$ 230,334	\$ 258,552	\$ 283,467
Fund Balance - 15% Minimum Operating Reserves	\$ 90,208	\$ 93,758	\$ 97,262	\$ 100,800	\$ 104,379	\$ 108,146	\$ 111,804	\$ 115,506
Potential Carryforward Balance	\$ 165,225	\$ 169,356	\$ 199,442	\$ 175,857	\$ 195,024	\$ 230,334	\$ 258,552	\$ 283,467
To 2030:								
Net Revenues Available for New Projects (\$1.64 billion)	\$ 75,017	\$ 75,599	\$ 102,180	\$ 75,056	\$ 90,645	\$ 122,187	\$ 146,748	\$ 167,961
Additional Programs:								
Additional Bus Service (new and enhanced)	\$ 15,000	\$ 20,000	\$ 25,000	\$ 30,000	\$ 35,000	\$ 45,000	\$ 50,000	\$ 55,000
Capital Project for buses-PnRs(5), TCs(5), and Signature Service Infrastructure(4)	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Bus Operating Facility (2 new)	3,000	7,000	29,000	6,800	-	-	33,000	33,000
Transit Center Conversions (4)	1,000	1,000	1,000	1,000	1,000	-	-	-
System Signage Improvement	-	-	-	-	-	-	-	-
Additional Shelters	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Additional Maintenance Costs for new facilities	450	570	1,230	564	360	330	1,320	1,320
Total Improvements to Bus Service	\$ 30,450	\$ 39,570	\$ 67,230	\$ 49,364	\$ 47,360	\$ 56,330	\$ 95,320	\$ 100,320
Available for Major Capital Project	\$ 44,567	\$ 36,029	\$ 34,950	\$ 25,692	\$ 43,285	\$ 65,857	\$ 51,428	\$ 67,641

Additional Bus Service (\$867.70 million)

New Bus Service as % of Current Scheduled Bus Service	2020	2021	2022	2023	2024	2025	2026	2027
	3.6%	4.6%	5.5%	6.4%	7.2%	9.0%	9.6%	10.3%

Assumptions for Additional Programs

Additional Bus Service includes capital and operating costs (Additional Bus Service in Revenue Miles)	2020	2021	2022	2023	2024	2025	2026	2027
Shelters assume an average cost of \$25,000 per shelter providing 4 P&Rs assume an average cost of \$5M per P&R	36	35	34	33	32	62	30	29
Transit Centers (TC) assume an average cost of \$5M per TC								
Signature Service Infrastructure includes stations and station								
TC Conversions assume an average cost \$2M								
Bus Operating Facility assumes an average cost of \$83M per								

Metropolitan Transit Authority of Harris Cc

LOW SCENARIO:

GENERAL MOBILITY PROGRAM CONTINUES

See attached assumptions.

(\$ in Thousands)	2028	2029	2030
Population (000s)	7,539	7,657	7,773
Beginning Balance	\$ 115,506	\$ 119,254	\$ 123,196
Revenues			
Sales Tax	\$ 1,370,435	\$ 1,437,922	\$ 1,507,947
Farebox	88,767	89,655	90,552
HOT Lanes	6,922	7,141	7,369
City Contribution to Harrisburg	-	-	-
Misc Revenue	7,027	4,064	4,194
Total Revenues	\$ 1,473,152	\$ 1,538,782	\$ 1,610,062
Grant Funds			
ARRA Stimulus	\$ -	\$ -	\$ -
Formula SEC 5307	88,065	89,826	91,623
Fixed Guideway	16,939	17,278	17,623
Misc and Bus Facility Grants	5,741	5,856	5,973
Total Grants	\$ 110,745	\$ 112,960	\$ 115,219
FFGA Funds			
North	\$ -	\$ -	\$ -
Southeast	-	-	-
Total FFGA	\$ -	\$ -	\$ -
Bond Proceed Draws			
Sales Tax - 2011A	-	-	-
Contractual Obligations	-	-	-
Commercial Paper Notes	-	-	-
Total Proceeds	\$ -	\$ -	\$ -
Total Sources of Funds	\$ 1,699,402	\$ 1,770,995	\$ 1,848,477
Operating Expenses			
General Bus Current Service	\$ 552,167	\$ 568,889	\$ 585,580
Bus Service - New Service	-	-	-
Traffic Management	5,624	5,602	5,988
MetroLift	95,390	99,963	104,722
Star Van Pool	10,231	10,555	10,892
Rail - Main	33,260	34,314	35,409
Rail - North	22,933	23,660	24,415
Rail - Southeast	21,691	22,378	23,092
Rail - East End	15,819	16,321	16,841
HOT Lanes	6,922	7,141	7,369
Additional Expenses	6,000	6,000	7,000
Total Operating Expenses	\$ 770,037	\$ 795,024	\$ 821,308
General Mobility			
General Mobility (01- Continues at 25%)	\$ 342,609	\$ 359,481	\$ 376,987
General Mobility Carryover	-	-	-
MultiCities	-	-	-
Total General Mobility	\$ 342,609	\$ 359,481	\$ 376,987
Capital & Other Expenses			
North	\$ -	\$ -	\$ -
Southeast	-	-	-
East End	-	-	-
University	-	-	-
Uptown	-	-	-
UPRR Test Track	-	-	-
CBD Intermodal Transit Terminal	-	-	-
Main Street Upgrades and Expansion	-	-	-
US 90A Rail Project	-	-	-
HOT/HOV Improvements & Access Improvements	-	-	-
Clear Lake Park & Ride	-	-	-
SH 289 Park & Ride - Phase 2	-	-	-
Missouri City Park & Ride	-	-	-
Bus shelters, lanes, pads, curb cuts - Phase 2	2,492	2,566	2,643
Total MRE & Other Capital Expenses	\$ 2,492	\$ 2,566	\$ 2,643
Capital Investment State of Good Repair			
Main Street	\$ 9,597	\$ 18,000	\$ 18,000
North	9,729	10,119	10,523
Southeast	10,973	11,412	11,869
East End	8,277	8,277	8,277
Rail Vehicle Replacement	9,238	9,607	9,992
IT Projects	4,962	5,375	5,824
Facilities Maintenance	19,094	19,699	22,022
HOT Lanes	6,750	7,173	7,624
Bus Replacement	82,848	86,991	91,340
Bus Improvement and Support Vehicles	13,855	14,409	14,986
Total	\$ 175,324	\$ 191,062	\$ 200,457
Debt Service Expense			
Existing Debt Service	\$ 44,619	\$ 44,616	\$ 44,618
Contractual Obligations New	52,367	44,654	36,807
Revenue and Appropriation	-	-	-
Commercial Paper Interest	-	-	-
Commercial Paper Principal	-	-	-
Total D/S Expense	\$ 96,986	\$ 89,270	\$ 81,425
Total Uses of Funds	\$ 1,387,447	\$ 1,437,402	\$ 1,482,821
Ending Balance	\$ 311,955	\$ 333,593	\$ 365,656
Fund Balance - 15% Minimum Operating Reserves	\$ 119,254	\$ 123,196	\$ 127,494
Potential Carryforward Balance	\$ 311,955	\$ 333,593	\$ 365,656
To 2030:			
Net Revenues Available for New Projects (\$1.64 billion)	\$ 192,702	\$ 210,397	\$ 238,163
Additional Programs:			
Additional Bus Service (new and enhanced)	\$ 65,000	\$ 75,000	\$ 85,000
Capital Project for buses-PnRs(5), TCs(5), and Signature Service infrastructure(4)	10,000	6,000	6,000
Bus Operating Facility (2 new)	34,000	-	-
Transit Center Conversions (4)	-	-	-
System Signage Improvement	-	-	-
Additional Shelters	1,000	1,000	1,000
Additional Maintenance Costs for new facilities	1,350	210	210
Total Improvements to Bus Service	\$ 111,350	\$ 82,210	\$ 92,210
Available for Major Capital Project	\$ 81,352	\$ 128,187	\$ 145,953
Additional Bus Service (\$867.70 million)			
New Bus Service as % of Current Scheduled Bus Service	11.8%	13.2%	14.5%
Assumptions for Additional Programs			
Additional Bus Service includes capital and operating costs	2028	2029	2030
(Additional Bus Service in Revenue Miles)	57	55	53
Shelters assume an average cost of \$25,000 per shelter providing 4 P&Rs assume an average cost of \$5M per P&R			
Transit Centers (TC) assume an average cost of \$5M per TC			
Signature Service Infrastructure includes stations and station			
TC Conversions assume an average cost \$2M			
Bus Operating Facility assumes an average cost of \$83M pe			

Metropolitan Transit Authority of Harris County
LOW SCENARIO GMP CONTINUES NO Fare increase
Barton Smith: JUNE 2012
(\$ in Thousands)

ASSUMPTIONS

- 1 General Mobility continues for the foreseeable future.
- 2 Cash basis. Barton Smith's assumptions for annual increases in sales taxes reduced by 2.5% for Comptroller fees and rebates; slight haircuts to FY12 and FY13.
- 3 No changes in fares.
- 4 Only minor increases in HOT lanes revenues.
- 5 Formula grants grow about 2% per year.
- 6 Full Funding Grant Agreements are appropriated according to schedule and funding is available as expenditures are incurred.
- 7 Buses and some rail cars are funded with contractual obligations through several years.
- 8 Operating expenses increase 2-3% per year.
- 9 Bus service at FY12 levels.
- 10 Rail lines are completed according to current schedules from Capital Programs.
- 11 Facilities maintained in current state.

ASSUMPTIONS FOR ADDITIONAL PROGRAMS

Additional Bus Service includes capital and operating costs
(Additional Bus Service in Revenue Miles)

Shelters assume an average cost of \$25,000 per shelter providing 40 new shelters each year including

P&Rs assume an average cost of \$5M per P&R

Transit Centers (TC) assume an average cost of \$5M per TC

Signature Service Infrastructure includes stations and station amenities

TC Conversions assume an average cost \$2M

Bus Operating Facility assumes an average cost of \$83M per BOF

	2012	2013	2014	2015	2016	2017	2018
maintenance cost.				42	0	39	0

2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
0	36	35	34	33	32	62	30	29	57

2029
55

2030
53