

Hillsborough County MPO 2035 Long Range Transportation Plan - Transit Needs Assessment DRAFT July 30, 2009

(constr + fleet)	(mi)		PD&E/ PE (\$M)	ROW (\$M)	Construction (\$M)	One-Time Fleet Cost (\$M) <sup>2</sup>	Fleet Lifespan (yrs)	Operating & Maintenance (\$M) <sup>1</sup>
<b>High Speed Rail</b>								
\$2,269		Tampa to Orlando (total costs for a 30 year period of operations, estimated 2003)	\$118		\$1,930	\$221		\$1,208.00
<b>Short Distance Rail</b>								
\$883.14	12.9	Downtown Tampa to USF (Terminating at Fletcher Ave)	\$81.51	\$82.06	\$651.56	\$68.00	25	\$15.11
\$496.47	9.0	USF to Wesley Chapel	\$45.57	\$22.68	\$387.42	\$40.80	25	\$9.51
\$763.55	8.3	Downtown Tampa to Airport (terminating north of Airport at Hillsborough Ave)	\$73.29	\$26.65	\$633.00	\$30.60	25	\$7.27
\$233.92	3.4	Airport to Carrollwood (from Hillsborough Ave to Linebaugh Ave)	\$20.67	\$24.64	\$161.41	\$27.20	25	\$4.92
\$460.62	7.5	Busch/Linebaugh Corridor West (from Airport Spur to Oldsmar)	\$43.34	\$36.78	\$353.30	\$27.20	25	\$12.74
\$327.43	5.0	Busch/Linebaugh Corridor East (from Airport Spur to Downtown-USF Rail Line)	\$29.34	\$24.59	\$239.49	\$34.00	25	\$9.49
\$294.99	2.6	Westshore to Pinellas (center of Frankland Bridge to Westshore Blvd; service continues to Dtn Tpa)	\$25.76	\$0.00	\$231.83	\$37.40	25	\$9.70
\$404.97	5.0	Downtown Tampa to South Tampa	\$36.42	\$29.65	\$298.10	\$40.80	25	\$11.12
\$612.62	9.2	Downtown Tampa to Brandon	\$56.16	\$44.00	\$461.46	\$51.00	25	\$11.12
\$317.20	4	Rail Maintenance Facilities	\$57.20	TBD	\$260.00	-	-	-
<b>\$4,794.91</b>	<b>62.9</b>	<b>TOTAL (\$M)</b>	<b>\$469.27</b>	<b>\$291.06</b>	<b>\$3,677.58</b>	<b>\$357.00</b>	<b>-</b>	<b>\$79.86</b>
<b>Long Distance Rail</b>								
\$777.12	15.0	Brooksville to Tampa and Land O Lakes to Tampa (cost of service to county line)	\$64.41	\$73.73	\$505.99	\$132.98	30	\$42.60
\$867.24	22.5	Lakeland to Tampa (cost of service to county line) & Plant City to Tampa	\$70.84	\$110.87	\$526.70	\$158.83	30	\$57.16
\$1,131.29	25.7	Bradenton to Tampa (cost of service to county line) & Sun City Center to Tampa	\$94.94	\$126.26	\$728.24	\$181.84	30	\$57.48
\$61.00	2	Rail Maintenance Facilities	\$11.00	TBD	\$50.00	-	-	-
<b>\$2,836.65</b>	<b>65.2</b>	<b>TOTAL (\$M)</b>	<b>\$241.20</b>	<b>\$310.86</b>	<b>\$1,810.94</b>	<b>\$473.65</b>	<b>-</b>	<b>\$157.24</b>
<b>Streetcar</b>								
\$9.00		Current Streetcar (10 vehicles)				\$9.00		\$2.37
\$37.20	0.4	Streetcar Extension to Polk St with expanded service hours and frequency	\$3.86	\$0.00	\$33.34	0	25	\$4.02
<b>\$46.20</b>		<b>TOTAL (\$M)</b>	<b>\$3.86</b>	<b>\$0.00</b>	<b>\$33.34</b>	<b>\$9.00</b>		<b>\$6.39</b>
<b>Regional Bus</b>								
\$23.89		Suncoast Pkwy & Vet Exwy - Westshore to Northern Counties (cost of service to county line)	\$0.71	\$0.00	\$6.38	\$16.80	12	\$5.90
\$151.67	26.5	Managed Lanes: I-4 & I-275 - Westshore to Lakeland (cost of service to county line)	\$14.33	\$0.00	\$128.94	\$8.40	12	\$3.02
\$168.86	39	I-75 - Tampa to Brooksville and Tampa to Bradenton & Sarasota (cost of service to county line)	\$14.13	\$0.00	\$127.13	\$27.60	12	\$9.46
		Bus Maintenance Facilities - assumed included with local bus	\$0.00	\$0.00	\$0.00	-	-	-
<b>\$344.41</b>		<b>TOTAL (\$M)</b>	<b>\$29.16</b>	<b>\$0.00</b>	<b>\$262.45</b>	<b>\$52.80</b>	<b>-</b>	<b>\$18.38</b>
<b>Regional Vanpool &amp; Commuter Services</b>								
		Current Vanpools - 80% to/from Hillsborough				\$1.40	4	\$0.03
		Vanpool Expansion - 60% to/from Hillsborough				\$4.05	4	-
		Public Outreach & Education, Regional Program						\$0.25
		Telework Tampa Bay, Hillsborough County Program						\$0.04
		Cash For Commuters, Hillsborough County Program						\$0.06
<b>\$5.45</b>		<b>TOTAL (\$M)</b>				<b>\$5.45</b>		<b>\$0.37</b>
<b>Regional Water Transit</b>								
<b>\$17.83</b>		Downtown Tampa to Downtown St Petersburg (3 100-person vehicles, 30-60 min frequency)			\$1.33	\$16.50		\$7.45
<b>Local Bus</b>								
\$182.50		Current Bus Service (199 vehicles) with Non-Rev Vehicles and Modernize Maintenance Facility			\$15.00	\$167.50		\$55.06
\$23.73		Current Transfer Center & P'n'R Improvements, Access Improvements, Replace Bus Stops/Shelters			\$23.73			
\$18.62		SmartCard Implementation, Farebox Replacement, and Security Upgrades			\$18.62			
\$47.25		Increase Frequency on Local Routes to 10 Minutes (126 vehicles)				\$47.25	12	\$26.75
\$21.75		Add AM & PM Trips on Express Routes (58 vehicles)				\$21.75	12	\$4.70
\$0.00		Expand Weekday and Weekend Hours (no additional vehicles)				\$0.00	0	\$17.50
\$1.50		New Local Route: SR60 - Brandon Blvd (4 vehicles)				\$1.50	12	\$2.18
\$1.50		New Local Route: Bloomingdale/Lithia-Pinecrest (4 vehicles)				\$1.50	12	\$2.18
\$2.63		New Local Route: Bearss/Ehrlich (5 vehicles)				\$2.63	12	\$3.81
\$1.88		New Local Route: Big Bend/Balm Rd (5 vehicles)				\$1.88	12	\$2.72
\$1.50		New Local Route: Thonatosassa (4 vehicles)				\$1.50	12	\$2.18
\$1.50		New Local Route: NW Tampa LRT feeder Gunn Hwy/Van Dyke Rd to LRT Station via Gunn Hwy (4 vehicles)				\$1.50	12	\$1.63
\$2.25		New Local Route: W County LRT Feeder (Race Track/Boy Scout Rd to LRT via Boy Scout and Countryway) (6 vehicles)				\$2.25	12	\$3.26
\$2.25		New Local Route: N County LRT Feeder (Dale Mabry/Van Dyke Rd to LRT via Veterans and Anderson) (6 vehicles)				\$2.25	12	\$3.26
\$2.25		New Local Route: Linebaugh LRT Feeder (Linebaugh Ave County Line to Dale Mabry Hwy to LRT Station) (6 vehicles)				\$2.25	12	\$3.26
\$3.38		New Local Route: Plant City (Netpark to Plant City via Hillsborough/US 92) (9 vehicles)				\$3.38	12	\$4.89
\$1.13		New Local Route: Route 34 Extension (3 vehicles)				\$1.13	12	\$1.63
\$0.75		New Express Route: University Area to Westshore (2 vehicles)				\$0.75	12	\$0.47
\$1.13		New Express Route: Brandon to Westshore (3 vehicles)				\$1.13	12	\$0.70
\$0.75		New Express Route: Citrus Park to Westshore (2 vehicles)				\$0.75	12	\$0.47
\$0.75		New Express Route: Brandon to USF (2 vehicles)				\$0.75	12	\$0.47
\$0.75		New Express Route: Citrus Park to USF (2 vehicles)				\$0.75	12	\$0.47
\$1.50		New Express Route: Citrus Park to Brandon (4 vehicles)				\$1.50	12	\$0.70
\$1.50		New Express Route: US 301/South County (4 vehicles)				\$1.50	12	\$2.18
\$1.13		New Express Route: Apollo Beach/Gibson to MacDill AFB (3 vehicles)				\$1.13	12	\$0.47
\$0.75		New Express Route: Plant City to Downtown Tampa (2 vehicles)				\$0.75	12	\$0.47
\$1.50		New Express Route: Downtown Tampa to MacDill AFB (Local and Express connection to MacDill AFB) (4 vehicles)				\$1.50	12	\$0.70
\$1.13		New Express Route: NW Hillsborough to MacDill (3 vehicles)				\$1.13	12	\$0.47
\$0.75		New Circulator Route: Westshore (3 vehicles)				\$0.75	10	\$1.28
\$0.50		New Circulator Route: Downtown Tampa (2 vehicles)				\$0.50	10	\$0.85
\$0.75		New Circulator Route: USF (3 vehicles)				\$0.75	10	\$1.28
\$4.50		New Flex Route Service Areas (12 zones/ 17 vehicles)				\$4.50	10	\$4.36
\$38.22		2nd Bus Maintenance Facility			\$38.22			
\$14.00		New Transfer Centers and P'n'R Facilities (7)			\$14.00			
<b>\$385.95</b>		<b>TOTAL (\$M)</b>			<b>\$109.57</b>	<b>\$276.38</b>		<b>\$150.32</b>
<b>Bus Rapid Transit in Mixed Traffic</b>								
\$42.05		Nebraska-Fletcher BRT			\$31.00	\$11.05	12	\$2.40
\$33.75		East-West BRT			\$24.00	\$9.75	12	\$2.80
\$31.61		Florida Ave BRT			\$23.81	\$7.80	12	\$4.80
\$46.10		Dale Mabry/Himes BRT			\$38.30	\$7.80	12	\$4.80
\$31.61		Gunn Hwy/Busch Blvd BRT			\$23.81	\$7.80	12	\$4.00
\$31.34		SR 60/Brandon BRT			\$24.84	\$6.50	12	\$4.00
\$24.10		Kennedy to Airport BRT			\$17.60	\$6.50	12	\$4.00
\$14.52		University Area Transit Center to New Tampa BRT			\$9.32	\$5.20	12	\$2.50
<b>\$255.06</b>		<b>TOTAL (\$M)</b>			<b>\$192.66</b>	<b>\$62.40</b>		<b>\$29.30</b>
<b>Paratransit</b>								
		Current Paratransit for Local Bus ADA-Complementary Service (36 vehicles)				\$14.63		\$3.13
		Expansion of Paratransit for Local Bus ADA-Complementary Service (80 vehicles)				\$5.20	4	\$6.97
		Maintenance Facility for Local Bus ADA Complementary Paratransit Service			\$5.00			
		Current Paratransit for Transportation Disadvantaged						\$13.88
		Expansion of Paratransit for Transportation Disadvantaged (57 vehicles)				\$6.68		\$5.31
<b>\$31.51</b>		<b>TOTAL (\$M)</b>			<b>\$5.00</b>	<b>\$26.51</b>		<b>\$29.29</b>
<b>\$8,717.97</b>		<b>Total Without High Speed Rail</b>						<b>\$478.60</b>

Notes

<sup>1</sup> Operating & Maintenance costs are annual EXCEPT for High Speed Rail, estimated to operate for 30 years. Some rail op. costs are estimated as incremental additions to previous rail lines.

<sup>2</sup> One-time fleet costs for existing transit services (existing bus, paratransit and streetcar) are vehicle replacement total costs for a 25-year period.