

COST ESTIMATING METHODOLOGY:

Transportation Capacity Projects

For the 2040 Plan, capacity projects were defined as widening or extending major roads, or building new fixed-guideway transit systems. Under federal regulations, these types of projects must be itemized in the Plan, rather than being grouped into programmatic categories. To better focus limited resources on economic vitality and severe congestion, the MPO’s list of capacity needs was screened by level of congestion and by proximity to employment centers. Cost estimates have been prepared for capacity projects that serve clusters of 5,000 or more jobs and that improve a major road with 2040 traffic volumes that are 30% or more over capacity.

Some capacity projects have been previously studied, and detailed cost estimates have been prepared; in such cases, those estimates were used. For all other roadway projects, roadway cost estimates were calculated using the Florida Department of Transportation’s (FDOT) average unit costs per centerline mile (Cost Per Mile Models) by facility and improvement type. These unit costs originated from the FDOT Long Range Estimating System or from the Cost Per Centerline Mile estimates use by FDOT District 7. All roadway widening projects were assumed to have the same associated cost as new construction roadway projects with the same number of lanes and capacity. Cost estimates include contingencies for construction mobilization, maintenance of traffic during construction (MOT), project unknowns (scope), long range planning, design, and construction management (CEI). Contingencies assumed for all roadway projects are as follows:

A.	MOT	10% of cost per centerline mile
B.	Mobilization	10% of (cost per centerline mile + A)
C.	Construction Subtotal	Cost per centerline mile +A + B
D.	Scope Contingency	25% of construction subtotal
E.	CEI	15 % of(construction subtotal +D)
F.	Long Range Planning	25% of construction subtotal
G.	Total Construction Cost	construction subtotal + D+E+F
H.	Design	15% of total construction

The following tables identify the cost per centerline mile assumptions for each project and the details used in developing the cost estimates for the capacity projects included in the 2040 Transportation Plan.

RIGHT-OF-WAY COSTS

Cost estimates for new facilities and widening of existing facilities took into consideration the potential of the acquisition of additional right-of-way (ROW). Taking the projects geographic location (inside or outside the Urban Service Area) and facility type into account, ROW cost factors were applied as described below:

- “High” (H) cost assumes that the ROW will cost 100 percent of the total construction cost
- “Medium” (M) cost assumes that the ROW will cost 50 percent of the total construction cost
- “Low” (L) cost assumes that the ROW will cost 25 percent of the total construction cost

SOURCES

The following is a list of resources for projects included in the 2040 Needs:

Roadway Projects:

- FDOT Cost Per Centerline Mile Models (June 2012); Specific to FDOT District 7
- FDOT Long Range Estimating (LRE) System for current/on-going projects
- Tampa Bay Express project cost estimates (March 2014)

Other Project Types:

- Transit Assets & Opportunities Study, Hillsborough MPO (2014)
- FTA Section 5307 grant application for water transit, HART (2014)
- Tampa International Airport Master Plan, Appendix L, Airport Automated People Mover Extension (2013)
- Multimodal Center based on Durham Station Multimodal in Durham, NC (2009)
- Parking garage and pedestrian overpass construction base on Pinellas Alternatives Analysis (2013)

HILLSBOROUGH COUNTY MPO 2040 NEEDS COST ESTIMATES

ID	FACILITY	FROM	TO	EXIST	2040 NEEDS	DESIGN	ROW	CONSTRUCTION	TOTAL PROJECT	COMMENTS	CATEGORY	COST NOTES
1	131ST AVE	NEBRASKA AVE	30TH ST	2U	4D	\$2,903,718	\$9,679,062	\$19,358,123	\$31,940,903		Roadway	
2	46TH ST	FLETCHER AVE	SKIPPER RD	2U	4D	\$1,482,535	\$9,883,569	\$9,883,569	\$21,249,674		Roadway	
98	62ND ST	COLUMBUS DR	CSX INTERMODAL YARD	2U	3D	\$341,147	\$2,274,314	\$2,274,314	\$4,889,776		Roadway	
3	78TH ST	MADISON AVE	CAUSEWAY BLVD	2U	4D	\$3,036,628	\$10,122,092	\$20,244,185	\$33,402,905		Roadway	
4	ANDERSON RD	HILLSBOROUGH AVE	HOOVER	2U	4D	\$1,863,061	\$6,210,202	\$12,420,404	\$20,493,667		Roadway	
5	ANDERSON RD	SLIGH AVE	LINEBAUGH AVE	4D	6D	\$4,831,961	\$24,261,745	\$32,213,074	\$61,306,780		Roadway	
6	ARMENIA AVE	SLIGH AVE	BUSCH BLVD	2U	3D	\$958,912	\$6,392,746	\$6,392,746	\$13,744,404		Roadway	
7	BEARSS AVE	I-275	BRUCE B DOWNS BLVD	4D	6D	\$4,702,837	\$23,952,149	\$31,352,246	\$60,007,232		Roadway	
8	BENJAMIN RD	HILLSBOROUGH AVE	WATERS AVE	2U	4D	\$3,747,925	\$24,986,167	\$24,986,167	\$53,720,258		Roadway	
9	BLOOMINGDALE AVE	US 301	BELL SHOALS RD	4D	4D + 1 SUL	\$237,327	\$1,582,183	\$1,582,183	\$3,401,694	1 Reversible Lane	Roadway	
10	BROADWAY AVE (CR 574)	62ND ST	US 301	2U	3D	\$1,914,527	\$6,381,756	\$12,763,512	\$21,059,794	50th Street to 62nd in E+C	Roadway	
13	BUSCH BLVD	DALE MABRY HWY	ARMENIA AVE	4D	6D	\$2,978,916	\$19,859,443	\$19,859,443	\$42,697,802		Roadway	
14	CAUSEWAY BLVD (SR 676)	50TH ST (US 41)	FALKENBURG RD	4D	6D	\$8,832,544	\$53,454,371	\$58,883,626	\$121,170,541		Roadway	
15	CHARLIE TAYLOR RD	US 92	I-4	2U	3D	\$508,976	\$848,294	\$3,393,174	\$4,750,444	TIP priorities (turn lanes, intersections)	Roadway	
97	COLUMBUS DR	52ND ST	62ND ST	2U	3D	\$635,851	\$4,239,007	\$4,239,007	\$9,113,864		Roadway	
16	CR 579	US 92	I-4	4D	6D	\$1,218,777	\$8,125,181	\$8,125,181	\$17,469,138		Roadway	
17	CR 579	I-4	SLIGH AVE	2U	6D	\$371,362	\$2,475,745	\$2,475,745	\$5,322,851		Roadway	
18	DALE MABRY HWY	I-275	HILLSBOROUGH AVE	6D	6D + 1 SUL	\$397,085	\$0	\$2,647,236	\$3,044,322	Reversible Lane	Roadway	
19	DALE MABRY HWY	HILLSBOROUGH AVE	BUSCH BLVD	6D	6D + 2 Local Access/Frontage	\$7,084,567	\$47,230,446	\$47,230,446	\$101,545,460	SIS 2040 unfunded	Roadway	
87	DALE MABRY HWY	AT WATERS AVE		0	New Interchange	\$9,569,301	\$15,948,834	\$63,795,337	\$89,313,472		Roadway	
88	EVERHART RD EXTENSION	FALKENBURG RD	US HWY 301	0	3D	\$448,242	\$0	\$2,988,281	\$3,436,524		Roadway	
22	FALKENBURG RD	BRYAN RD	HILLSBOROUGH AVE	2U	4D	\$1,350,879	\$9,005,859	\$9,005,859	\$19,362,598		Roadway	
23	FLETCHER AVE	30TH ST	MORRIS BRIDGE RD	4D	6D	\$9,291,462	\$61,943,078	\$61,943,078	\$133,177,618		Roadway	
24	FOWLER AVE	I-275	I-75	6D / 8D	6D + 2 Local Access/Frontage	\$14,732,169	\$49,107,229	\$98,214,458	\$162,053,855	Boulevard Concept: Local and Thru Lanes	Roadway	
25	GANDY BLVD	DALE MABRY HWY	GANDY BRIDGE	4D	4D + 2F	\$13,425,000	\$22,375,000	\$89,500,000	\$125,300,000		Roadway	
26	HANNA AVE	NEBRASKA AVE	HARNEY RD	2U	3D	\$3,646,221	\$12,154,071	\$24,308,142	\$40,108,435		Roadway	
27	HILLSBOROUGH AVE	VETERANS EXWY	DALE MABRY HWY	6D	6D + 2 Local Access/Frontage	\$6,618,865	\$44,125,770	\$44,125,770	\$94,870,405		Roadway	
28	HILLSBOROUGH AVE	50TH ST	ORIENT RD	4D	6D	\$3,989,256	\$26,595,041	\$26,595,041	\$57,179,338		Roadway	
29	I-275	W OF KENNEDY RAMPS	MEMORIAL HWY BRIDGE	6F	6F + 2 SUL	\$58,919,182	\$0	\$392,794,544	\$451,713,726		Roadway	TAMPA BAY EXPRESS MASTER PLAN: I-275/SR 60 Ultimate Interchange Projects. NOTE: Start Project is the Master Plan.
30	I-275	HOWARD FRANKLAND BRIDGE	HILLSBOROUGH RIVER	6F	6F + 4 SUL	\$42,894,366	\$0	\$285,962,439	\$328,856,805		Roadway	TAMPA BAY EXPRESS MASTER PLAN: From S. of Lois Ave. to Hillsborough River Bridge
31	I-275	ASHLEY ST	BEARSS AVE N. OF FOWLER	6F / 8F	6F / 8F + 2 SUL	\$16,433,139	\$0	\$109,554,257	\$125,987,396	Revised to match FDOT Tampa Bay Express Plan	Roadway	TAMPA BAY EXPRESS MASTER PLAN: From Jefferson St/Orange Ave to North of Bearss Ave
35	I-4	50TH STREET	COUNTY LINE RD	8F	8F + 2 SUL	\$6,114,523	\$0	\$40,763,484	\$46,878,007	Revised to match FDOT Tampa Bay Express Plan	Roadway	TAMPA BAY EXPRESS MASTER PLAN: From East of 50th St. to East of Mango Rd.
36	I-4	ORIENT RD	E OF WILLIAMS RD	0	Interchange Modification	\$3,440,911	\$0	\$22,939,405	\$26,380,316	Interchange Modifications - SIS	Roadway	
41	I-75	US 301	I-4	0	Interchange Modification	\$2,128,080	\$0	\$14,187,200	\$16,315,280	Interchange Modifications - SIS	Roadway	
42	I-75	EBWB I-4	S OF BYPASS CANAL	0	Interchange Modification	\$2,342,087	\$0	\$15,613,916	\$17,956,003	Interchange Modifications - SIS	Roadway	
43	I-75	SR 60	S OF CSX/BROADWAY	0	Interchange Modification	\$2,200,251	\$0	\$14,668,341	\$16,868,592	Interchange Modifications - SIS	Roadway	
44	I-75	S. OF US HWY 301	N. OF FLETCHER	6F	6F + 2 SUL	\$13,677,953	\$0	\$91,186,355	\$104,864,308	SIS 2040 only design funded	Roadway	TAMPA BAY EXPRESS MASTER PLAN: From North of SR 60 to North of Bruce B. Downs Blvd
45	I-75	at Gibsonton	and at Big Bend	0	Interchange Modifications	\$9,615,000	\$0	\$64,100,000	\$73,715,000		Roadway	
46	I-75	SELMON EXWY	N OF SR 60	0	Interchange Modification	\$1,186,760	\$0	\$7,911,731	\$9,098,491		Roadway	
47	INTERBAY	DALE MABRY HWY	MANHATTAN AVE	2U	3D	\$776,025	\$2,597,418	\$5,173,502	\$8,546,945		Roadway	
48	LAKEWOOD	SR 60	SR 574	2U	3D	\$2,549,315	\$4,248,858	\$16,995,433	\$23,793,607		Roadway	
49	LINEBAUGH AVE	SHELDON RD	VETERANS EXWY	4D	6D	\$3,477,290	\$23,181,935	\$23,181,935	\$49,841,161		Roadway	
50	LIVINGSTON AVE	BEARSS RD	VANDERVORT RD	2U	4D	\$3,735,372	\$12,451,240	\$24,902,479	\$41,089,091		Roadway	
52	M L KING BLVD	40TH ST	I-4	2U	4D	\$4,087,490	\$13,624,967	\$27,249,934	\$44,962,391		Roadway	
93	MEMORIAL HWY	INDEPENDENCE PKWY	HILLSBOROUGH AVE	4D	6D	\$4,551,764	\$30,345,095	\$30,345,095	\$65,241,955		Roadway	
89	NEBRASKA AVE	HILLSBOROUGH AVE	BUSCH BLVD	4U	5D	\$2,455,697	\$16,371,314	\$16,371,314	\$35,198,326		Roadway	
53	NEW E/W ROAD (NEW TAMPA)	I-275	COMMERCE PARK BLVD	0	4D	\$13,452,912	\$0	\$89,886,080	\$103,138,992		Roadway	
54	NEW TAMPA BLVD	COMMERCE PARK BLVD	BRUCE B DOWNS BLVD	2U	4D	\$3,119,387	\$0	\$20,795,914	\$23,915,301		Roadway	
55	OCCIDENT ST EXTENSION	CYPRESS ST.	WESTSHORE PLAZA	0	2U	\$338,148	\$2,254,318	\$2,254,318	\$4,846,783		Roadway	
57	PARSONS AVE	SR60/BRANDON BLVD	WINDHORST	5U	6D	\$3,510,657	\$23,404,379	\$23,404,379	\$50,319,416		Roadway	
56	PARSONS AVE / JOHN MOORE RD	SR60/BRANDON BLVD	BLOOMINGDALE AVE	2U	4D	\$5,750,084	\$19,166,945	\$38,333,890	\$63,250,919		Roadway	
58	PAULS DR	BRANDON PKWY	SR 60	2U	3D	\$530,298	\$883,830	\$3,535,320	\$4,949,448		Roadway	
59	PROGRESS BLVD	FALKENBURG RD	US HWY 301	2U	4D	\$2,205,388	\$7,351,294	\$14,702,588	\$24,259,271		Roadway	

1. Construction Cost obtained from FDOT D7 June 2012 Roadway Cost unless otherwise noted. 2. Construction Cost does not include Design, Off-site Drainage, and Right-of-Way unless other wise noted. \\TRAN_MPO\3-1_LRTPL\2040_LRTPL\Costs & Revenues\Cost Estima

HILLSBOROUGH COUNTY MPO 2040 NEEDS COST ESTIMATES

ID	FACILITY	FROM	TO	EXIST	2040 NEEDS	DESIGN	ROW	CONSTRUCTION	TOTAL PROJECT	COMMENTS	CATEGORY	COST NOTES
20	RAIL IN SEPARATE RIGHT OF WAY	USF-DTN RAIL LINE	PINELLAS COUNTY LINE	0	RAIL	\$44,542,500	\$0	\$296,950,000	\$341,492,500	DMU rail, reusing existing track	Fixed Guideway	
20.5	RAIL IN SEP. ROW - OPERATIONS FOR 10 YEARS	USF-DTN RAIL LINE	PINELLAS COUNTY LINE	0	RAIL				\$68,925,650	DMU rail, reusing existing track	Fixed Guideway	
21	RAIL IN SEPARATE RIGHT OF WAY	USF-DTN RAIL LINE	PASCO COUNTY LINE	0	RAIL	\$22,837,500	\$0	\$152,250,000	\$175,087,500	DMU rail, reusing existing track	Fixed Guideway	
21.5	RAIL IN SEP. ROW - OPERATIONS FOR 10 YEARS	USF-DTN RAIL LINE	PASCO COUNTY LINE	0	RAIL				\$31,288,620	DMU rail, reusing existing track	Fixed Guideway	
60	RAIL IN SEPARATE RIGHT OF WAY	DOWNTOWN	USF	0	RAIL	\$38,700,000	\$0	\$258,000,000	\$296,700,000	DMU rail, reusing existing track	Fixed Guideway	
60.5	RAIL IN SEP. ROW - OPERATIONS FOR 10 YEARS	DOWNTOWN	USF	0	RAIL				\$54,000,000	DMU rail, reusing existing track	Fixed Guideway	
61	RAIL IN SEPARATE RIGHT OF WAY	DOWNTOWN	WESTSHORE	0	RAIL	\$59,475,000	\$0	\$396,500,000	\$455,975,000	Modern Streetcar Extension	Fixed Guideway	
61.5	RAIL IN SEP. ROW - OPERATIONS FOR 10 YEARS	DOWNTOWN	WESTSHORE	0	RAIL				\$42,750,000	Modern Streetcar Extension	Fixed Guideway	
62	RAIL IN SEPARATE RIGHT OF WAY	WESTSHORE	TAMPA INTERNATIONAL AIRPORT	0	RAIL	\$26,935,938	\$0	\$179,572,923	\$206,508,862	People mover extension	Fixed Guideway	
62.5	RAIL IN SEP. ROW - OPERATIONS FOR 10 YEARS	WESTSHORE	TAMPA INTERNATIONAL AIRPORT	0	RAIL				\$28,500,000	People mover extension	Fixed Guideway	
83	RAIL TRANSFER/WESTSHORE MULTIMODAL CENTER	CYPRESS ST.	AT NE CORNER TRASK ST.	0	New Construction	\$4,570,500	\$0	\$30,470,000	\$35,040,500		Other	
95	FIXED GUIDEWAY TRANSIT	YBOR CITY	DOWNTOWN	Streetcar	Capital Maint. / Modernization	\$0	\$0	\$39,013,278	\$39,013,278		Fixed Guideway	
63	SAM ALLEN RD	FORBES RD	ALEXANDER ST EXT	2U	2D	\$1,788,233	\$2,980,389	\$11,921,555	\$16,690,177		Roadway	
65	SAM ALLEN RD	PARK RD	WILDER RD	2U	4D	\$644,628	\$4,297,520	\$4,297,520	\$9,239,668		Roadway	
66	SAM ALLEN RD EXTENSION	WILDER RD	COUNTY LINE RD	0	4D	\$3,875,093	\$25,833,956	\$25,833,956	\$55,543,005		Roadway	
67	SKIPPER RD	BRUCE B DOWNS BLVD	46TH ST	2U	4D	\$794,295	\$5,295,297	\$5,295,297	\$11,384,888		Roadway	
70	SR 674	US 301	CR 579/SAFFOLD RD	2U	4D	\$4,472,014	\$14,906,714	\$29,813,429	\$49,192,157		Roadway	
90	SUNCOAST PKWY	VETERANS EXPWY	PASCO COUNTY LINE	4F	6F	\$4,791,175	\$0	\$31,941,165	\$36,732,340		Roadway	
71	TRAPNELL RD EXTENSION	OLD MULBERRY RD / NESMITH RD	COUNTY LINE RD	0	2U	\$330,792	\$2,205,280	\$2,205,280	\$4,741,351		Roadway	
72	TRASK ST	CYPRESS ST.	BOY SCOUT BLVD	2U	3D	\$434,034	\$1,446,779	\$2,893,558	\$4,774,371		Roadway	
73	TRASK ST EXTENSION	CYPRESS ST.	GRAY ST	0	2U	\$190,044	\$1,266,961	\$1,266,961	\$2,723,967		Roadway	
74	US HWY 301	AT CAUSEWAY BLVD (SR 676)		0	0	New Interchange	\$4,587,833	\$0	\$30,585,555	\$35,173,388	Roadway	
75	US HWY 301	AT SR 60 (ADAMO DR)		0	0	New Interchange	\$10,496,907	\$0	\$69,979,380	\$80,476,287	Roadway	
76	US HWY 301	AT SR 574 (DR MLK JR BLVD)		0	0	New Interchange	\$4,587,833	\$0	\$30,585,555	\$35,173,388	Roadway	
91	US HWY 301	SELMON EXWY	SLIGH AVE	4D	6D	\$7,259,151	\$48,394,340	\$48,394,340	\$104,047,831		Roadway	
77	US HWY 41	APOLLO BEACH BLVD	PEMBROKE RD	4D	6D	\$4,986,640	\$16,622,134	\$33,244,269	\$54,853,044		Roadway	
92	US HWY 41	CAUSEWAY BLVD	CSX RAIL	0	New Interchange	\$9,750,000	\$22,000,000	\$65,000,000	\$96,750,000		Roadway	
79	US HWY 92	US HWY 301	CR 579	2U	4D	\$4,655,773	\$15,519,242	\$31,038,484	\$51,213,498		Roadway	
80	US HWY 92	CR 579	THONOTOSASSA RD	2U	4D	\$18,492,686	\$61,642,288	\$123,284,576	\$203,419,551		Roadway	
81	US HWY 92	REYNOLDS ST	COUNTY LINE RD	2U	4D	\$5,628,930	\$18,763,101	\$37,626,202	\$61,918,234		Roadway	
78	US HWY 92/HILLSBOROUGH AVE	56TH ST		0	0	New Interchange	\$4,587,833	\$0	\$30,585,555	\$35,173,388	Roadway	
96	WATER TRANSIT	PORT REDWING	MACDILL AFB	0	High Speed Ferry	\$0	\$0	\$16,934,000	\$16,934,000		Water Transit	ANNUAL OP&MAINT TO BE NEGOTIATED
82	WATERS AVE	SHELDON RD	VETERANS EXWY	6D	8D	\$6,318,083	\$42,120,556	\$42,120,556	\$90,559,196	Not in 2035	Roadway	
84	WILLIAMS RD	BROADWAY AVE	SLIGH AVE	2U	4D	\$4,424,883	\$14,749,610	\$29,499,219	\$48,673,711		Roadway	
85	WOODBERRY RD	FALKENBURG RD	GRAND REGENCY BLVD	2U	4D	\$1,121,764	\$3,739,213	\$7,478,426	\$12,339,404		Roadway	
86	WOODBERRY RD	GRAND REGENCY BLVD	LAKEWOOD DR	2D	4D	\$1,733,852	\$11,559,011	\$11,559,011	\$24,851,874		Roadway	
									\$6,034,981,913			

Strategic Intermodal System 2040 SIS Multi-Modal Unfunded Needs												
ID	FACILITY	FROM	TO	EXIST	2040 NEEDS	DESIGN	ROW	CONSTRUCTION	TOTAL PROJECT	COMMENTS	CATEGORY	COST NOTES
99	Big Bend Road	US41	Covington Garden Drive		(A2-6) Add 2 lanes to build 6				\$55,968,000		Roadway	
100	Causeway Blvd, Rail Overpass	North Bridge Crossing	South Bridge Crossing	Bridge	Bridge				\$75,248,000		Roadway	
101	I-275 (Howard Frankland Bridge)	Hillsborough / Pinellas County Line	Kennedy Boulevard exit	Bridge	Bridge Replacement				\$237,710,000	Total project cost includes the Pinellas County project portion of the replacement.	Roadway	
102	SR 597 / Dale Mabry Highway	Cheval Boulevard	Hillsborough/Pasco County		Add service/Frontage / C-D System				\$174,000,000	Total project cost includes the Pasco County project portion.	Roadway	
103	I-275	East Himes Avenue	East Rome Avenue		(A2-SUL) Add 2 Special Use lanes				\$291,227,000	This project is listed in the 2040 SIS Multi-Modal Unfunded Needs twice as a mid-term and long-term project	Roadway	
104	I-275	East Rome Avenue	Martin Luther King, Jr. Blvd		(A4-SUL) Add 4 Special Use Lanes				\$1,743,484,000		Roadway	
105	I-4	West of 14th Street	Hillsborough / Polk County Line		(A4-SUL) Add 4 Special Use Lanes				\$1,223,475,000		Roadway	
105	SR 60	Dover Road	Hillsborough / Polk County Line		(AMS) Access Management System				\$6,237,000		Roadway	
106	US 92 (Gandy Bridge)	Hillsborough / Pinellas County Line	Westshore Blvd		Eastbound bridge replacement				\$36,091,000	Total project cost includes the Pinellas County projection portion of the replacement.	Roadway	
107	Columbus Drive	I-4	CXS Intermodal Yard		(A2-4) Add 2 lanes to build 4 lanes				\$27,726,000		Roadway	
108	I-275	Martin Luther King Boulevard	South of Livingston		(A2-SUL) Add 2 special use lanes				\$220,690,000		Roadway	
109	I-275	East Himes Avenue	East Rome Avenue		(A2-SUL) Add 2 Special Use lanes				\$291,227,000	This project is listed in the 2040 SIS Multi-Modal Unfunded Needs twice as a mid-term and long-term project	Roadway	
110	I-275	at SR 60	at SR60		(M-INCH) Modify Interchange				\$243,000,000		Roadway	
111	I-275	I-4	South of Osborne Avenue		(M-INCH) Modify Interchange				\$1,398,378,000		Roadway	
112	I-75	at I-4	at I-4		(M-INCH) Modify Interchange				\$41,300,000		Roadway	
113	I-75	at SR 60	at SR60		(M-INCH) Modify Interchange				\$71,600,000		Roadway	
113	I-75	Lee Roy Selmon Expressway	Martin Luther King, Jr. Boulevard		(SERV) Add Service/Frontage/C-D System				\$59,300,000		Roadway	
113	I-75	Martin Luther King, Jr. Boulevard	Tampa Bypass Canal		(SERV) Add Service/Frontage/C-D System				\$101,500,000		Roadway	
113	I-75	Tampa Bypass Canal	Fletcher Avenue		(SERV) Add Service/Frontage/C-D System				\$155,000,000		Roadway	
113	I-75	at Gibsonton Drive	at Gibsonton Drive		(M-INCH) Modify Interchange				\$22,000,000		Roadway	
113	I-75	at Big Bend Road	at Big Bend Road		(M-INCH) Modify Interchange				\$41,500,000		Roadway	
113	I-75	at SR 674	at SR 674		(M-INCH) Modify Interchange				\$11,000,000		Roadway	
113	I-75	Hillsborough / Manatee County Line	US 301		(A4-SUL) Add 4 Special Use Lanes				\$397,700,000	Project cost includes the Manatee County portion of the project.	Roadway	
113	I-75	US 301	Fletcher Avenue		(A6-SUL) Add 6 Special Use Lanes				\$2,285,000,000		Roadway	
113	I-75	Fletcher Avenue	Hillsborough / Pasco County Line		(A4-SUL) Add 4 Special Use Lanes				\$214,500,000	Project cost includes the Pasco County project portion.	Roadway	
114	SR 580	George Road	Westshore Boulevard		(A4-SUL) Add 4 Special Use Lanes				\$53,796,000		Roadway	

Strategic Intermodal System 2040 SIS Multi-Modal Unfunded Needs												
ID	FACILITY	FROM	TO	EXIST	2040 NEEDS	DESIGN	ROW	CONSTRUCTION	TOTAL PROJECT	COMMENTS	CATEGORY	COST NOTES
115	SR 597 / Dale Mabry Highway	Van Dyke Road	Cheval Boulevard		(A2-6) Add 2 Lanes to Build 6 Lanes				\$12,063,000		Roadway	
116	SR 60	Valrico Road	County Line Road		(A2-6) Add 2 Lanes to Build 6 Lanes				\$219,052,000		Roadway	
117	SR 573	US 92	MacDill Air Force Base		(A2-6) Add 2 Lanes to Build 6 Lanes				\$40,247,000		Roadway	DELETE THIS PROJECT
118	Long Distance Commuter Rail	Downtown Tampa	Hillsborough / Pasco County Line		New Passenger Service				\$2,033,600,000	Project cost includes the Pasco and Hernando Counties' project portion.	Fixed Guideway	
119	Short Distance Rail	Hillsborough / Pasco County Line	Hillsborough / Pinellas County Line		Light Rail Transit				\$5,825,200,000	Project cost includes the Pinellas and Pasco Counties' project portion.	Fixed Guideway	
120	Short Distance Rail	Westshore / Tampa International Airport	Hillsborough / Pinellas County Line		Light Rail Transit				\$3,356,400,000	Project cost includes the Pinellas County project portion.	Fixed Guideway	
121	Downtown Tampa	Downtown Tampa	Downtown Tampa		Multimodal Center				\$314,500,000		Transit Hub / Multimodal Center	

RURAL	Unit	Per Mile Cost of Construction	MOT (10%)	Mobilization (10%)	CEI (15%)	Subtotal	Scope Contingency (25%)	Long Range Planning Contingency (25%)	Total Construction Cost	
New Construction										
(2)	Undivided 2 Lane Rural Road with 5' Paved Shoulders	MI	\$ 2,997,141.00	\$ 299,714.10	\$ 329,685.51	\$ 679,976.36	\$ 3,626,540.61	\$ 906,635.15	\$ 906,635.15	\$ 6,119,787.00
(3)	Undivided 3 Lane Rural Road with 5' Paved Shoulders, Center Turn Lane	MI	\$ 3,868,433.00	\$ 386,843.30	\$ 425,527.63	\$ 877,650.74	\$ 4,680,803.93	\$ 1,170,200.98	\$ 1,170,200.98	\$ 7,898,857.00
(2)	Undivided 4 Lane Rural Road with 5' Paved Shoulders	MI	\$ 4,783,393.00	\$ 478,339.30	\$ 526,173.23	\$ 1,085,232.29	\$ 5,787,905.53	\$ 1,446,976.38	\$ 1,446,976.38	\$ 9,767,091.00
(3)	Undivided 5 Lane Rural Road with 5' Paved Shoulders, Center Turn Lane	MI	\$ 5,654,685.00	\$ 565,468.50	\$ 622,015.35	\$ 1,282,906.66	\$ 6,842,168.85	\$ 1,710,542.21	\$ 1,710,542.21	\$ 11,546,160.00
(2)	Divided 2 Lane Rural Road with 2' Paved Shoulders Inside and 5' Paved Shoulders Outside	MI	\$ 2,997,141.00	\$ 299,714.10	\$ 329,685.51	\$ 679,976.36	\$ 3,626,540.61	\$ 906,635.15	\$ 906,635.15	\$ 6,119,787.00
(2)	Divided 4 Lane Rural Road with 2' Paved Shoulders Inside and 5' Paved Shoulders Outside	MI	\$ 4,783,393.00	\$ 478,339.30	\$ 526,173.23	\$ 1,085,232.29	\$ 5,787,905.53	\$ 1,446,976.38	\$ 1,446,976.38	\$ 9,767,091.00
(2)	Divided 6 Lane Rural Road with 5' Paved Shoulders Inside and Out	MI	\$ 6,097,845.00	\$ 609,784.50	\$ 670,762.95	\$ 1,383,448.58	\$ 7,378,392.45	\$ 1,844,598.11	\$ 1,844,598.11	\$ 12,451,037.00
(2)	1 Single Additional Lane on Rural Arterial	MI	\$ 1,423,981.13	\$ 142,398.11	\$ 156,637.92	\$ 323,065.72	\$ 1,723,017.17	\$ 430,754.29	\$ 430,754.29	\$ 2,907,591.00
Mill and Resurfacing										
(1)	2 Lane Rural Road with 5' Paved Shoulders	MI	\$ 430,699.02	\$ 43,069.90	\$ 47,376.89	\$ 97,714.84	\$ 521,145.81	\$ 130,286.45	\$ 130,286.45	\$ 879,434.00
(1)	3 Lane Rural Road with 5' Paved Shoulders and Center Turn Lane	MI	\$ 603,761.30	\$ 60,376.13	\$ 66,413.74	\$ 136,978.34	\$ 730,551.17	\$ 182,637.79	\$ 182,637.79	\$ 1,232,805.00
(1)	4 Lane Rural Road with 5' Paved Shoulders	MI	\$ 968,991.52	\$ 96,899.15	\$ 106,589.07	\$ 219,839.95	\$ 1,172,479.74	\$ 293,119.93	\$ 293,119.93	\$ 1,978,560.00
(1)	5 Lane Rural Road with 5' Paved Shoulders and Center Turn Lane	MI	\$ 1,173,331.50	\$ 117,333.15	\$ 129,066.47	\$ 266,199.58	\$ 1,419,731.12	\$ 354,932.78	\$ 354,932.78	\$ 2,395,796.00
(1)	Divided 4 Lane Rural Arterial with Shoulder 5' Outside and 2' Inside	MI	\$ 1,016,505.23	\$ 101,650.52	\$ 111,815.58	\$ 230,619.62	\$ 1,229,971.33	\$ 307,492.83	\$ 307,492.83	\$ 2,075,577.00
(1)	Divided 4 Lane Rural Interstate with Paved Shoulders 10' Outside and 4' Inside	MI	\$ 1,192,376.19	\$ 119,237.62	\$ 131,161.38	\$ 270,520.35	\$ 1,442,775.19	\$ 360,693.80	\$ 360,693.80	\$ 2,434,683.00
(1)	Divided 6 Lane Rural Arterial with 5' Paved Shoulders Inside and Out	MI	\$ 1,446,234.92	\$ 144,623.49	\$ 159,085.84	\$ 328,114.55	\$ 1,749,944.25	\$ 437,486.06	\$ 437,486.06	\$ 2,953,031.00
(1)	Divided 6 Lane Rural Interstate with 10' Paved Shoulders Inside and Out	MI	\$ 1,702,727.87	\$ 170,272.79	\$ 187,300.07	\$ 386,306.39	\$ 2,060,300.72	\$ 515,075.18	\$ 515,075.18	\$ 3,476,757.00
(1)	1 Additional Lane Rural Arterial	MI	\$ 223,538.02	\$ 22,353.80	\$ 24,589.18	\$ 50,715.19	\$ 270,481.00	\$ 67,620.25	\$ 67,620.25	\$ 456,437.00
(1)	1 Additional Lane Rural Interstate	MI	\$ 226,557.13	\$ 22,655.71	\$ 24,921.28	\$ 51,400.15	\$ 274,134.13	\$ 68,533.53	\$ 68,533.53	\$ 462,601.00
Widening										
(2)	Existing 2 Lane to Undivided 4 Lane; Add 1 Lane to Each Side; 5' Paved Shoulders	MI	\$ 4,783,393.00	\$ 478,339.30	\$ 526,173.23	\$ 1,085,232.29	\$ 5,787,905.53	\$ 1,446,976.38	\$ 1,446,976.38	\$ 9,767,091.00
(2)	Existing 2 Lane Arterial to 4 Lane Divided; Resurface Existing 2 Lanes; 5' Paved Shoulder Inside and Out	MI	\$ 4,783,393.00	\$ 478,339.30	\$ 526,173.23	\$ 1,085,232.29	\$ 5,787,905.53	\$ 1,446,976.38	\$ 1,446,976.38	\$ 9,767,091.00
(2)	Existing 4 Lane Divided Arterial to 6 Lane Divided; Resurface Existing 4 lanes; 5' Paved Shoulders Inside and Out	MI	\$ 6,097,845.00	\$ 609,784.50	\$ 670,762.95	\$ 1,383,448.58	\$ 7,378,392.45	\$ 1,844,598.11	\$ 1,844,598.11	\$ 12,451,037.00
(1)	Existing 4 Lane Interstate to 6 Lanes (In Median); Mill & Resurface Existing; 10' Paved Shoulders Inside and Out	MI	\$ 3,514,167.09	\$ 351,416.71	\$ 386,558.38	\$ 797,276.66	\$ 4,252,142.18	\$ 1,063,035.54	\$ 1,063,035.54	\$ 7,175,490.00
(1)	Existing 4 Lane Interstate to 6 Lanes (Outside); Mill & Resurface Existing; 10' Paved Shoulders Outside; Widen Existing 4' Inside Shoulders to 10'	MI	\$ 3,417,569.79	\$ 341,756.98	\$ 375,932.68	\$ 775,361.15	\$ 4,135,259.45	\$ 1,033,814.86	\$ 1,033,814.86	\$ 6,978,250.00
(3)	Existing 6 Lane Divided Arterial to 8 Lane Divided; Mill & Resurface Existing 4 Lanes; 5' Paved Shoulders Inside and Out	MI	\$ 7,412,297.00	\$ 741,229.70	\$ 815,352.67	\$ 1,681,664.88	\$ 8,968,879.37	\$ 2,242,219.84	\$ 2,242,219.84	\$ 15,134,984.00
(1)	Existing 6 Lane Interstate to 8 Lanes (In Median); Mill & Resurface Existing 6 Lanes; 10' Paved Shoulders Inside and Out	MI	\$ 3,949,892.71	\$ 394,989.27	\$ 434,488.20	\$ 896,131.91	\$ 4,779,370.18	\$ 1,194,842.54	\$ 1,194,842.54	\$ 8,065,187.00
(2)	Divided Rural 4 Lane to Allow for Left Turn Lane (300')	MI	\$ 44,214.00	\$ 6,632.10	\$ 5,084.61	\$ 10,487.01	\$ 55,930.71	\$ 13,982.68	\$ 13,982.68	\$ 94,383.00
(2)	Divided Rural 4 Lane to Allow for Right Turn Lane (300')	MI	\$ 107,770.00	\$ 16,165.50	\$ 12,393.55	\$ 25,561.70	\$ 136,329.05	\$ 34,082.26	\$ 34,082.26	\$ 230,055.00

URBAN		Unit	Per Mile Cost of Construction	MOT (10%)	Mobilization (10%)	CEI (15%)	Subtotal	Scope Contingency (25%)	Long Range Planning Contingency (25%)	Total Construction Cost
New Construction										
(2)	2 lane Undivided Urban Arterial with 4' Bike Lanes	MI	\$ 4,279,236.00	\$ 427,923.60	\$ 470,715.96	\$ 970,851.67	\$ 5,177,875.56	\$ 1,294,468.89	\$ 1,294,468.89	\$ 8,737,665.00
(3)	3 Lane Undivided Urban Arterial with Center Lane and 4' Bike Lanes	MI	\$ 5,119,785.00	\$ 511,978.50	\$ 563,176.35	\$ 1,161,551.22	\$ 6,194,939.85	\$ 1,548,734.96	\$ 1,548,734.96	\$ 10,453,961.00
(2)	4 Lane Undivided Urban Arterial with 4' Bike Lanes	MI	\$ 6,040,559.00	\$ 604,055.90	\$ 664,461.49	\$ 1,370,451.82	\$ 7,309,076.39	\$ 1,827,269.10	\$ 1,827,269.10	\$ 12,334,066.00
(2)	2 Lane Divided Urban Road with 22' Median and 4' Bike Lanes	MI	\$ 4,279,236.00	\$ 427,923.60	\$ 470,715.96	\$ 970,851.67	\$ 5,177,875.56	\$ 1,294,468.89	\$ 1,294,468.89	\$ 8,737,665.00
(2)	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	MI	\$ 6,040,559.00	\$ 604,055.90	\$ 664,461.49	\$ 1,370,451.82	\$ 7,309,076.39	\$ 1,827,269.10	\$ 1,827,269.10	\$ 12,334,066.00
(2)	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	MI	\$ 7,396,260.00	\$ 739,626.00	\$ 813,588.60	\$ 1,678,026.49	\$ 8,949,474.60	\$ 2,237,368.65	\$ 2,237,368.65	\$ 15,102,238.00
Mill and Resurfacing										
(1)	2 Lane Undivided Urban Road with 4' Bike Lanes	MI	\$ 425,741.65	\$ 42,574.17	\$ 46,831.58	\$ 96,590.14	\$ 515,147.40	\$ 128,786.85	\$ 128,786.85	\$ 869,311.00
(1)	3 Lane Undivided Urban Road with Center Turn Lane and 4' Bike Lane	MI	\$ 583,844.54	\$ 58,384.45	\$ 64,222.90	\$ 132,459.73	\$ 706,451.89	\$ 176,612.97	\$ 176,612.97	\$ 1,192,138.00
(1)	4 Lane Undivided Urban Road with 4' Bike Lanes	MI	\$ 835,302.69	\$ 83,530.27	\$ 91,883.30	\$ 189,509.30	\$ 1,010,716.25	\$ 252,679.06	\$ 252,679.06	\$ 1,705,584.00
(1)	5 Lane Undivided Urban Road with Center Turn Lane and 4' Bike Lanes	MI	\$ 1,002,189.80	\$ 100,218.98	\$ 110,240.88	\$ 227,371.81	\$ 1,212,649.66	\$ 303,162.41	\$ 303,162.41	\$ 2,046,346.00
(1)	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	MI	\$ 587,239.65	\$ 58,723.97	\$ 64,596.36	\$ 133,230.00	\$ 710,559.98	\$ 177,639.99	\$ 177,639.99	\$ 1,199,070.00
(1)	6 Lane Divided Urban Arterial with 4' Bike Lanes	MI	\$ 1,338,652.08	\$ 133,865.21	\$ 147,251.73	\$ 303,706.69	\$ 1,619,769.02	\$ 404,942.25	\$ 404,942.25	\$ 2,733,360.00
(1)	1 Additional Lane Urban Arterial	MI	\$ 175,229.80	\$ 17,522.98	\$ 19,275.28	\$ 39,755.26	\$ 212,028.06	\$ 53,007.01	\$ 53,007.01	\$ 357,797.00
Widening										
(2)	Add 2 Lanes to Existing 2 Lane Undivided Arterial (1 Lane Each Side) with 4' Bike Lanes	MI	\$ 6,040,559.00	\$ 604,055.90	\$ 664,461.49	\$ 1,370,451.82	\$ 7,309,076.39	\$ 1,827,269.10	\$ 1,827,269.10	\$ 12,334,066.00
(2)	Existing 2 Lane Urban Arterial to 4 Lane Divided with 22' Median and 4' Bike Lanes	MI	\$ 6,040,559.00	\$ 604,055.90	\$ 664,461.49	\$ 1,370,451.82	\$ 7,309,076.39	\$ 1,827,269.10	\$ 1,827,269.10	\$ 12,334,066.00
(2)	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes	MI	\$ 7,396,260.00	\$ 739,626.00	\$ 813,588.60	\$ 1,678,026.49	\$ 8,949,474.60	\$ 2,237,368.65	\$ 2,237,368.65	\$ 15,102,238.00
(3)	Existing 6 Lane Divided Urban Arterial to 8 Lane Divided Urban with 4' Bike Lanes	MI	\$ 8,751,961.00	\$ 875,196.10	\$ 962,715.71	\$ 1,985,601.15	\$ 10,589,872.81	\$ 2,647,468.20	\$ 2,647,468.20	\$ 17,870,410.00
(2)	Add 1 Through Lane on Outside (To Existing) with 5' Sidewalk, and Curb & Gutter	MI	\$ 2,331,279.00	\$ 233,127.90	\$ 256,440.69	\$ 528,908.92	\$ 2,820,847.59	\$ 705,211.90	\$ 705,211.90	\$ 4,760,180.00

(1) Cost Per Mile obtained from FDOT LRE System - 2013 Price Update

(2) Cost Per Mile obtained from FDOT District 7 (June 2012)

(3) Cost Per Mile estimated by combining incremental improvements (ie: Widening 6 lanes to 8 is the cost for 6 lanes plus the incremental difference of a 6 lane widening and a 4 lane widening)

MOT = Per Mile Cost * 10%; Mobilization = (MOT + Per Mile Unit Cost) * 10%; Subtotal = Per Mile Unit Cost + MOT + Mobilization; Scope Contingency = Subtotal * 25%; Long Range Planning Contingency = Subtotal * 25%; CEI = Subtotal + Scope Contingency * 15%; Total Cost = Subtotal + Scope Contingency + Long Range Planning Contingency + CEI

New Construction	
Low Level	\$ 125.00
Mid Level	\$ 140.00
High Level	\$ 170.00
Overpass	\$ 155.00
Bascule	\$ 1,800.00
Pedestrian Overpass	\$ 335.00
Widening	
Low Level	\$ 150.00
Mid Level	\$ 170.00
High Level	\$ 205.00
Overpass	\$ 185.00
Bridge Removal	
Concrete Bridge Removal	\$ 50.00

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
1	131ST AVE	NEBRASKA AVE	30TH ST	1.533	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	131st Avenue	Nebraska Avenue	30th Street	1.533	MI	\$ 12,334,066	\$ 18,908,123	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			3.000	EA	\$ 150,000	\$ 450,000			Signals at N. 15th St., N. 22nd St., Livingston Ave., and 30th St.
TOTAL							\$ 19,358,123			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
2	46TH ST	FLETCHER AVE	SKIPPER RD	0.777	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	46th Street	Fletcher Avenue	Skipper Road	0.777	MI	\$ 12,334,066	\$ 9,583,569	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			2	EA	\$ 150,000	\$ 300,000			Signals at Fletcher Ave. and Skipper Rd.
TOTAL							\$ 9,883,569			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
3	78TH ST	MADISON AVE	CAUSEWAY BLVD	1.617	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	78th Street	Madison Avenue	Causeway Blvd	1.617	MI	\$ 12,334,066	\$ 19,944,185	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			2	EA	\$ 150,000	\$ 300,000			Traffic Signals at Causeway Blvd and Madison Ave.
TOTAL							\$ 20,244,185			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
4	ANDERSON RD	HILLSBOROUGH AVE	HOOVER	1.007	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Anderson Road	Hillsborough Avenue	Hoover Blvd	1.007	MI	\$ 12,334,066	\$ 12,420,404	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
TOTAL							\$ 12,420,404			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
5	ANDERSON RD	SLIGH AVE	LINEBAUGH AVE	2.133		4D	6D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Anderson Road	Sligh Avenue	Waters Avenue	1.080	MI	\$ 15,102,238	\$ 16,310,417	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
2	Anderson Road	Waters Avenue	Linebaugh Avenue	1.053	MI	\$ 15,102,238	\$ 15,902,657	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
TOTAL							\$ 32,213,074			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
6	ARMENIA AVE	SLIGH AVE	BUSCH BLVD	1.029	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Armenia Avenue	Sligh Avenue	Busch Blvd	1.029	MI	\$ 4,760,180	\$ 4,898,225	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Traffic Signal			4	EA	\$ 150,000	\$ 600,000			Traffic Signals at Sligh Ave, Waters Ave, and Busch Blvd; plus RxR crossing
3	Resurfacing			1.029	MI	\$ 869,311	\$ 894,521	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 6,392,746			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
7	BEARSS AVE	I-275	BRUCE B DOWNS BLVD	2.076	4D	6D					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Bearss Ave	Interstate 275	16th Street	0.980	MI	\$ 15,102,238	\$ 14,800,193	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	
2	Bearss Ave	16th Street	Bruce B Downs Blvd	1.096	MI	\$ 15,102,238	\$ 16,552,053	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes	
TOTAL							\$ 31,352,246				

NOTES
 Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
8	BENJAMIN RD	HILLSBOROUGH AVE	WATERS AVE	2.014	2U	4D					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Benjamin Road	Hillsborough Avenue	Beginning of Bridge	1.290	MI	\$ 12,334,066	\$ 15,910,945	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	
2	Benjamin Road	Beginning of Bridge	End of Bridge	5,034	SF	\$ 140	\$ 704,760	Bridge	NC	Mid Level	
3	Benjamin Road	End of Bridge	Waters Avenue	0.630	MI	\$ 12,334,066	\$ 7,770,462	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	
4	Traffic Signal			4.000	E	\$ 150,000	\$ 600,000			Traffic Signals at Hillsborough Ave, Johns Rd, Sligh Ave, and Waters Ave	
TOTAL							\$ 24,986,167				

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
9	BLOOMINGDALE AVE	US 301	BELL SHOALS RD	4.201	4D	4D + 1 SUL				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Bloomington Avenew	US Hwy. 301	Bell Shoals Rd	4.201	MI		\$ 1,582,183			MUTCD and FDOT BOE
TOTAL							\$ 1,582,183			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
10	BROADWAY AVE (CR 574)	62ND ST	US 301	1.431	2U	3D					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Broadway	US Hwy 301	Beinning of Bridge	0.415	MI	\$ 4,760,180	\$ 1,975,475	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter	
2	Broadway	Beinning of Bridge	End of Bridge	24,163	SF	\$ 170	\$ 4,107,710	Bridge	W	Mid Level	
3	Broadway	End of Bridge	62nd Street	1.016	MI	\$ 4,760,180	\$ 4,836,343	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter	
4	Traffic Signal			4	EA	\$ 150,000	\$ 600,000			Traffic Signal at 50th St., 10th Ave., Columbus Dr., and Orient Rd	
5	Resurfacing			1.431	MI	\$ 869,311	\$ 1,243,984	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes	
TOTAL							\$ 12,763,512				

NOTES
 Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
13	BUSCH BLVD	DALE MABRY HWY	ARMENIA AVE	1.315		4D	6D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Busch Blvd	Dale Mabry Highway	Armenia Avenue	1.315	MI	\$ 15,102,238	\$ 19,859,443	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane
TOTAL							\$ 19,859,443			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
14	CAUSEWAY BLVD (SR 676)	50TH ST (US 41)	FALKENBURG RD	3.899	4D	6D					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Causeway Blvd	50th Street	US Hwy 301	3.180	MI	\$ 15,102,238	\$ 48,025,117	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes	
2	Causeway Blvd	US Hwy 301	Faulkenburg Road	0.719	MI	\$ 15,102,238	\$ 10,858,509	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	
TOTAL							\$ 58,883,626				

NOTES
 Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
15	CHARLIE TAYLOR RD	US 92	I-4	0.896	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Charlie Taylor Road	US Hwy 92	Interstate 4	0.896	MI	\$ 2,907,591	\$ 2,605,202	Rural	NC	1 Single Additional Lane on Rural Arterial
2	Resurfacing			0.896	MI	\$ 879,434	\$ 787,973	Rural	MR	2 Lane Rural Road with 5' Paved Shoulders
TOTAL							\$ 3,393,174			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
16	CR 579	US 92	I-4	0.453	4D	6D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	CR 579	US Hwy 92	Beginning of Bridge	0.266	MI	\$ 15,102,238	\$ 4,017,195	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
2	CR 579	Beginning of Bridge	End of Bridge	11,801	SF	\$ 150	\$ 1,770,206	Bridge	W	Low Level
3	CR 579	End of Bridge	Interstate 4	0.125	MI	\$ 15,102,238	\$ 1,887,780	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
4	Traffic Signal			3.000	EA	\$ 150,000	\$ 450,000			Traffic Signal at US 92, EB Ramps, and WB Ramps
TOTAL							\$ 8,125,181			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
17	CR 579	I-4	SLIGH AVE	0.154	2U	6D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	CR 579	Interstate 4	Sligh Avenue	0.154	MI	\$ 15,102,238	\$ 2,325,745	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane
2	Traffic Signal			1.000	EA	\$ 150,000	\$ 150,000			Traffic Signal at Sligh Ave
TOTAL							\$ 2,475,745			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
18	DALE MABRY HWY	I-275	HILLSBOROUGH AVE	2.791	6D	6D + 1 SUL				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Dale Mabry Hwy	Interstate 275	Hillsborough Ave	2.791	MI		\$ 2,647,236			
TOTAL							\$ 2,647,236			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
19	DALE MABRY HWY	HILLSBOROUGH AVE	BUSCH BLVD	2.767	6D	6D + 2 Local Access/Frontage				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Dale Mabry Hwy	Beginning of Bridge	End of Bridge	3693.4	SF	\$ 150	\$ 554,009	Bridge	W	Low Level
2	Dale Mabry Hwy	End of Bridge	S of Waters Avenue	1.754	MI	\$ 17,870,410	\$ 31,344,699	Urban	W	Existing 6 Lane Divided Urban Arterial to 8 Lane Divided Urban with 4' Bike Lanes
3	Dale Mabry Hwy	S of Waters Avenue	Hillsborough Avenue	1.013	MI	\$ 15,134,984	\$ 15,331,739	Rural	W	Existing 6 Lane Divided Arterial to 8 Lane Divided; Mill & Resurface Existing 4 Lanes; 5' Paved Shoulders Inside and Out
TOTAL							\$ 47,230,446			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
20	RAIL IN SEPARATE RIGHT OF WAY	USF-DTN RAIL LINE	PINELLAS COUNTY LINE		0	RAIL				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	OTHER COST	IMPROVEMENT TYPE	COST MODEL
1	DMU Service on existing track along Busch/Linebaugh	15th Street	Pinellas County Line	13.420		\$ 12,500,000	232,350,000			Capital costs were estimated on a cost per mile basis according to national case study research
2	Stations			10.000		\$ 1,100,000	\$ 11,000,000			
3	Vehicles			8.000		\$ 6,700,000	\$ 53,600,000			
SUB -TOTAL FOR CONSTRUCTION							\$ 296,950,000			
4	10 Years of Operations							\$ 68,925,650		See Long Distance Rail tab
5	CSX Clearwater Subdivision Needed							\$ 49,385,600		Orlando Sunrail Operating & Maintenance Agreements. 100% State funded; allocated per mile
SUB-TOTAL FOR OTHER								\$ 118,311,250		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
21	RAIL IN SEPARATE RIGHT OF WAY	USF-DTN RAIL LINE	PASCO COUNTY LINE		0	RAIL				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	OTHER COST	IMPROVEMENT TYPE	COST MODEL
1	DMU on CSX track along US 41	Fowler Avenue	Pasco County Line	8.260		\$ 12,500,000	127,750,000			Capital costs were estimated on a cost per mile basis according to national case study research
2	Stations			4.000		\$ 1,100,000	\$ 4,400,000			
3	Vehicles			3.000		\$ 6,700,000	\$ 20,100,000			
SUB-TOTAL FOR CONSTRUCTION							\$ 152,250,000			
4	10 Years of Operating							\$ 31,288,620		See Long Distance Rail tab
5	CSX Brooksville Subdivision Needed							\$ 30,396,800		Orlando Sunrail Operating & Maintenance Agreements. 100% State funded; allocated per mile
SUB-TOTAL FOR OTHER								\$ 61,685,420		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
22	FALKENBURG RD	BRYAN RD	HILLSBOROUGH AVE	0.718	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Falkenburg	Bryan Road	Hillsborough Avenue	0.718	MI	\$ 12,334,066	\$ 8,855,859	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			1	EA	\$ 150,000	\$ 150,000			Traffic Signal at Hillsborough Ave.
TOTAL							\$ 9,005,859			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
23	FLETCHER AVE	30TH ST	MORRIS BRIDGE RD	4.059	4D	6D

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Fletcher Avenue	30th Street	Beginning of Bridge	2.966	MI	\$ 15,102,238	\$ 44,793,238	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	
2	Fletcher Avenue	Beginning of Bridge	End of Bridge	9019.3	SF	\$ 150	\$ 1,352,900	Bridge	W	Low Level	
3	Fletcher Avenue	End of Bridge	Morris Bridge Road	1.046	MI	\$ 15,102,238	\$ 15,796,941	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	
TOTAL							\$ 61,943,078				

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
24	FOWLER AVE	I-275	I-75	6.165	6D / 8D	6D + 2 Local Access/Frontage					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Fowler Avenue	Interstate 275	Interstate 75	6.165		\$ 15,930,974	\$ 98,214,458	Urban	NC	Urban 6 Lane Divided combined with Urban 4 Lane Divided	
TOTAL							\$ 98,214,458				

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
26	HANNA AVE	NEBRASKA AVE	HARNEY RD	4.318	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Hanna Ave	Nebraska Avenue	Harney Road	4.318	MI	\$ 4,760,180	\$ 20,554,457	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Resurfacing			4.318	MI	\$ 869,311	\$ 3,753,685	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 24,308,142			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS					
27	HILLSBOROUGH AVE	VETERANS EXWY	DALE MABRY HWY	2.486	6D	6D + 2 Local Access/Frontage					
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	Hillsborough Avenue	Dale Mabry Highway	Veterans Expressway	2.486	MI	\$ 15,102,238.00	\$ 37,544,164	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane	
				2.486	MI	\$ 2,647,468.20	\$ 6,581,606	Urban	W	Existing 6 Lane Divided Urban Arterial to 8 Lane Divided Urban with 4' Bike Lanes	
TOTAL							\$ 44,125,770				

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
28	HILLSBOROUGH AVE	50TH ST	ORIENT RD	1.761	4D	6D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Hillsborough Avenue	50th Street	Orient Road	1.761	MI	\$ 15,102,238.00	\$ 26,595,041	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane
TOTAL				1.761			\$ 26,595,041			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
45	I-75	AT GIBSONTON	AT BIG BEND		0	Interchange Modifications

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Interstate 75	At Gibsonton	and at Big Bend Road				\$ 64,100,000			FDOT LRE
TOTAL							\$ 64,100,000			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
47	INTERBAY	DALE MABRY HWY	MANHATTAN AVE	0.919		2U	3D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Interbay Blvd	Dale Mabry Hwy	Manhattan Avenue	0.919	MI	\$ 4,760,180	\$ 4,374,605	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Resurfacing			0.919	MI	\$ 869,311	\$ 798,897	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 5,173,502			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
48	LAKEWOOD	SR 60	SR 574	3.019		2U	3D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Lakewood Avenue	SR 60	SR 574	3.019	MI	\$ 4,760,180	\$ 14,370,983	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Resurfacing			3.019	MI	\$ 869,311	\$ 2,624,450	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 16,995,433			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
49	LINEBAUGH AVE	SHELDON RD	VETERANS EXWY	1.535		4D	6D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Linebaugh Avenue	Sheldon Road	Veterans Expwy	1.535	MI	\$ 15,102,238	\$ 23,181,935	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
TOTAL							\$ 23,181,935			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
50	LIVINGSTON AVE	BEARSS RD	VANDERVORT RD	2.019	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Livingston Avenue	Bearss Road	Vandervort Road	2.019	MI	\$ 12,334,066	\$ 24,902,479	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
TOTAL							\$ 24,902,479			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
52	M L KING BLVD	40TH ST	I-4	2.185	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	ML King Blvd	40th Street	Interstate 4	2.185	MI	\$ 12,334,066	\$ 26,949,934	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			2.000	EA	\$ 150,000	\$ 300,000			Traffic Signal at 40th St. and 50th St.
						TOTAL	\$ 27,249,934			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
53	NEW E/W ROAD (NEW TAMPA)	I-275	COMMERCE PARK BLVD	2.831	0	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	New E/W Road (New Tampa)	Interstate 275	Commerce Park Blvd	0.000	MI	\$ 12,334,066	\$ -	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
				717,489	SF	\$ 125	\$ 89,686,080	Bridge	NC	Low Level
TOTAL							\$ 89,686,080			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
54	NEW TAMPA BLVD	COMMERCE PARK BLVD	BRUCE B DOWNS BLVD	1.641	2U	4D

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL	
1	New Tampa Blvd	Commerce Park Blvd	E of Wood Sage Dr	1.124	MI	\$ 12,334,066	\$ 13,863,490	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	
2	New Tampa Blvd	E of Wood Sage Dr	Beginning of Bridge	0.080	MI	\$ 12,334,066	\$ 986,725	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	
3	New Tampa Blvd	Beginning of Bridge	End of Bridge	6418.2	SF	\$ 150	\$ 962,736	Bridge	W	Low Level	
4	New Tampa Blvd	End of Bridge	Bruce B Downs Blvd	0.404	MI	\$ 12,334,066	\$ 4,982,963	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane	
TOTAL							\$ 20,795,914				

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
55	OCCIDENT ST EXTENSION	CYPRESS ST.	WESTSHORE PLAZA	0.258	0	2U

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Occident Street Extension	Cypress Street	Westshore Plaza	0.258	MI	\$ 8,737,665	\$ 2,254,318	Urban	NC	2 lane Undivided Urban Arterial with 4' Bike Lanes
TOTAL							\$ 2,254,318			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
56	PARSONS AVE / JOHN MOORE RD	SR60/BRANDON BLVD	BLOOMINGDALE AVE	3.035	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Parsons Avenue	SR 60/Brandon Blvd	Bloomingtondale Ave	3.035	MI	\$ 12,334,066	\$ 37,433,890	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			6.000	EA	\$ 150,000	\$ 900,000			
TOTAL							\$ 38,333,890			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
57	PARSONS AVE	SR60/BRANDON BLVD	WINDHORST	1.51		5U	6D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Parsons Avenue	SR 60/Brandon Blvd	Windhorst Road	1.510	MI	\$ 15,102,238	\$ 22,804,379	Urban	NC	6 Lane Divided Urban Road with 55' Median and 4' Bike Lane
2	Traffic Signal			4.000	EA	\$ 150,000	\$ 600,000			
TOTAL							\$ 23,404,379			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
58	PAULS DR	BRANDON PKWY	SR 60	0.628	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Pauls Drive	Brandon Pkwy	SR 60	0.628	MI	\$ 4,760,180	\$ 2,989,393	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Resurfacing			0.628	MI	\$ 869,311	\$ 545,927	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 3,535,320			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
59	PROGRESS BLVD	FALKENBURG RD	US HWY 301	1.252	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Progress Boulevard	Falkenburg Road	Beginning of Bridge	0.590	MI	\$ 12,334,066	\$ 7,277,099	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Progress Boulevard	Beginning of Bridge	End of Bridge	23948	SF	\$ 205	\$ 4,909,340	Bridge	W	High Level
3	Progress Boulevard	End of Bridge	US 301	0.204	MI	\$ 12,334,066	\$ 2,516,149	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
TOTAL							\$ 14,702,588			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
60	RAIL IN SEPARATE RIGHT OF WAY	DOWNTOWN	USF			0	RAIL			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	OTHER COST	IMPROVEMENT TYPE	COST MODEL
1	Rail in Separate R/W	Downtown	USF	10.600			\$ 228,000,000		DMU	MPO Transit Assets & Opportunities Study, 2014, URS - High end of range
2	DMU Maintenance Facility			1.000		\$ 30,000,000	\$ 30,000,000			MPO 2035 Long Range Transportation Plan
SUB-TOTAL FOR CONSTRUCTION							\$ 258,000,000			
3	CSX Clearwater Subdivision needed							\$ 19,872,000		Orlando Sunrail Operating & Maintenance Agreements. 100% State funded; allocated per mile
4	CSX Brooksville Subdivision needed							\$ 11,776,000		Orlando Sunrail Operating & Maintenance Agreements. 100% State funded; allocated per mile
5	10 Years of Operating							\$ 54,000,000		MPO Transit Assets & Opportunities Study, 2014, URS
SUB-TOTAL FOR OTHER								\$ 85,648,000		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
61	RAIL IN SEPARATE RIGHT OF WAY	DOWNTOWN	WESTSHORE		0	RAIL				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	OTHER COST	IMPROVEMENT TYPE	COST MODEL
1	Rail in Separate ROW	Ybor City	Westshore Intermodal Ctr	7.800			\$ 370,000,000		Modern Streetcar	MPO Transit Assets & Opportunities Study, 2014, URS - midpoint of range
2	Bridge over Hillsborough River						\$ 22,500,000			MPO Transit Assets & Opportunities Study, 2014, URS - midpoint of range
3	Marion Transit Center improvements						\$ 4,000,000			
SUB-TOTAL FOR CONSTRUCTION							\$ 396,500,000			
4	10 Years of Operating							\$ 57,000,000		MPO Transit Assets & Opportunities Study, 2014, URS - midpoint of range
SUB-TOTAL FOR OTHER								\$ 57,000,000		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
62	RAIL IN SEPARATE RIGHT OF WAY	WESTSHORE	TAMPA INTERNATIONAL AIRPORT	1.6	0	RAIL

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	OTHER COST	IMPROVEMENT TYPE	COST MODEL
1	Automated People Mover	Westshore Intermodal Ctr	TIA - CONRAC	1.600		\$ 112,233,077	\$ 179,572,923		APM	TIA Master Plan, Appendix L, (HC Aviation Authority, 2012)
SUB-TOTAL FOR CONSTRUCTION							\$ 179,572,923			
2	10 Years of Operating							\$ 38,000,000		TIA Master Plan, Appendix L, (HC Aviation Authority, 2012)
SUB-TOTAL FOR OTHER								\$ 38,000,000		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
63	SAM ALLEN RD	FORBES RD	ALEXANDER ST EXT	3.148	2U	2D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Sam Allen Road	Forbes Road	Alexander St. Ext	3.148	MI	\$ 2,907,591	\$ 9,153,096	Rural	NC	1 Single Additional Lane on Rural Arterial
2	Resurfacing			3.148	MI	\$ 879,434	\$ 2,768,458	Rural	MR	2 Lane Rural Road with 5' Paved Shoulders
TOTAL							\$ 11,921,555			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
65	SAM ALLEN RD	PARK RD	WILDER RD	0.444	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Sam Allen Road	Park Road	Wilder Rd	0.440	MI	\$ 9,767,091	\$ 4,297,520	Rural	NC	Divided 4 Lane Rural Road with 2' Paved Shoulders Inside and 5' Paved Shoulders Outside
TOTAL							\$ 4,297,520			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
66	SAM ALLEN RD EXTENSION	WILDER RD	COUNTY LINE RD	2.645	0	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Sam Allen Road Extension	Wilder Road	County Line Road	2.645	MI	\$ 9,767,091.00	\$ 25,833,956	Rural	NC	Divided 4 Lane Rural Road with 2' Paved Shoulders Inside and 5' Paved Shoulders Outside
TOTAL							\$ 25,833,956			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
67	SKIPPER RD	BRUCE B DOWNS BLVD	46TH ST	0.405	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Skipper Road	Bruce B Downs Blvd	46th Street	0.405	MI	\$ 12,334,066	\$ 4,995,297	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			2.000	EA	\$ 150,000	\$ 300,000			Traffic Signal at Bruce B. Downs Blvd and 42nd St.
TOTAL							\$ 5,295,297			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
70	SR 674	US 301	CR 579/SAFFOLD RD	2.405	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	SR 674	US Hwy 301	CR 579/Saffold Road	2.405	MI	\$ 12,334,066	\$ 29,663,429	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			1.000	EA	\$ 150,000	\$ 150,000			Traffic Signal at West Lake Drive
TOTAL							\$ 29,813,429			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
71	TRAPNELL RD EXTENSION	OLD MULBERRY RD / NESMITH RD	COUNTY LINE RD	1.006	0	2U

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Trapnell Road Extension	Denton Road	County Line Road	0.252	MI	\$ 6,119,787	\$ 1,542,186	Rural	NC	Undivided 2 Lane Rural Road with 5' Paved Shoulders
2	Trapnell Road	Nesmith Road	Denton Road	0.754	MI	\$ 879,434	\$ 663,093	Rural	MR	2 Lane Rural Road with 5' Paved Shoulders
TOTAL							\$ 2,205,280			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
72	TRASK ST	CYPRESS ST.	BOY SCOUT BLVD	0.514	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Trask Street	Cypress Street	Boy Scout Blvd	0.514	MI	\$ 4,760,180	\$ 2,446,733	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2	Resurfacing			0.514	MI	869,311	\$ 446,826	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 2,893,558			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
73	TRASK ST EXTENSION	CYPRESS ST.	GRAY ST	0.145	0	2U				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Trask Street Extension	Cypress Street	Gray Street	0.145	MI	\$ 8,737,665	\$ 1,266,961	Urban	NC	2 lane Undivided Urban Arterial with 4' Bike Lanes
TOTAL							\$ 1,266,961			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
74	US HWY 301	AT CAUSEWAY BLVD (SR 676)	0		0	New Interchange

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 301 Interchange	At Causeway Blvd					\$ 30,585,555		New Interchange	
TOTAL							\$ 30,585,555			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
75	US HWY 301	AT SR 60 (ADAMO DR)				0	New Interchange			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 301 Interchange	At SR 60					\$ 69,979,380		New Interchange	
TOTAL							\$ 69,979,380			

NOTES
 Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
76	US HWY 301	AT SR 574 (DR MLK JR BLVD)			0	New Interchange

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 301 Interchange	At SR 574					\$ 30,585,555		New Interchange	
TOTAL							\$ 30,585,555			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
77	US HWY 41	APOLLO BEACH BLVD	PEMBROKE RD	2.67	4D	6D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 41	Apollo Beach Blvd	Pembroke Road	2.670	MI	\$ 12,451,037	\$ 33,244,269	Rural	W	Existing 4 Lane Divided Arterial to 6 Lane Divided; Resurface Existing 4 lanes; 5' Paved Shoulders Inside and Out
TOTAL							\$ 33,244,269			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
78	US HWY 92/HILLSBOROUGH AVE	56TH ST					New Interchange			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 92 Interchange	at 56th Street					\$ 30,585,555		New Interchange	
TOTAL							\$ 30,585,555			

NOTES
 Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
79	US HWY 92	US HWY 301	CR 579	2.48	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 92	US Hwy 301	CR 579	2.480		\$ 12,334,066	\$ 30,588,484	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			3.000		\$ 150,000	\$ 450,000			Traffic Signal at Falkenburg Rd, Williams Rd., and CR 579
						TOTAL	\$ 31,038,484			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
80	US HWY 92	CR 579	THONOTOSASSA RD	9.886	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 92	CR 579	Thonotosassa Road	9.886	MI	\$ 12,334,066	\$ 121,934,576	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			9.000	EA	\$ 150,000	\$ 1,350,000			
TOTAL							\$ 123,284,576			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
81	US HWY 92	REYNOLDS ST	COUNTY LINE RD	3.006	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 92	Park Road	County Line Road	3.006	MI	\$ 12,334,066	\$ 37,076,202	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			3.000	EA	\$ 150,000	\$ 450,000			Traffic Signal at Park Rd, Chralie Taylor Rd and County Line Road
TOTAL							\$ 37,526,202			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI
 US 92 from Reynolds Street to Park Road is already 4D

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
82	WATERS AVE	SHELDON RD	VETERANS EXWY	2.357	6D	8D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Waters Avenue	Veterans Expressway	Sheldon Road	2.357	MI	\$ 17,870,410	\$ 42,120,556	Urban	W	Existing 6 Lane Divided Urban Arterial to 8 Lane Divided Urban with 4' Bike Lanes
TOTAL							\$ 42,120,556			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
83	RAIL TRANSFER/WESTSHORE MULTIMODAL CENTER	CYPRESS ST.	AT NE CORNER TRASK ST.	N/A		0	New Construction			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Multimodal Center ¹			-	-	-	\$10,300,000			
2	Parking Garage ²			1,000	EA	\$15,200	\$15,200,000			
3	Pedestrian Overpass ²	I-275 Rail Station	Multimodal Station	700	LF	\$7,100	\$4,970,000			
TOTAL							\$	30,470,000		

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

1. Multimodal Center construction cost based on Durham Station Multimodal in Durham, NC construction in 2009 at a cost of \$10 million with a 3% cost inflation factor

2. Parking garage and pedestrian overpass construction cost based on Pinellas Alternatives Analysis (AA) completed in 2013

- Parking garage assumes \$15,000 per EACH SPACE with a 1% cost inflation factor

- Pedestrian overpass assumes \$7,000 per LF with a 1% cost inflation factor

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
84	WILLIAMS RD	BROADWAY AVE	SLIGH AVE	2.301	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Williams Road	Broadway Avenue	I-4 Bridge	1.999	MI	\$ 12,334,066	\$ 24,655,798	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Williams Road	Bridge		6209	SF	\$ 205	\$ 1,272,902	Bridge	W	High Level
3	Williams Road	Bridge	Sligh Avenue	0.253	MI	\$ 12,334,066	\$ 3,120,519	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
4	Traffic Signal			3.000	EA	\$ 150,000	\$ 450,000			
TOTAL							\$ 29,499,219			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
85	WOODBERRY RD	FALKENBURG RD	GRAND REGENCY BLVD	0.582	2U	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Woodberry Road	Falkenburg Road	Grand Regency Blvd	0.582	MI	\$ 12,334,066	\$ 7,178,426	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			2.000	EA	\$ 150,000	\$ 300,000			
TOTAL							\$ 7,478,426			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
86	WOODBERRY RD	GRAND REGENCY BLVD	LAKWOOD DR	0.925	2D	4D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Woodberry Road	Grand Regency Blvd	Lakewood Dr	0.925	MI	\$ 12,334,066	\$ 11,409,011	Urban	NC	4 Lane Divided Urban Road with 22' Median and 4' Bike Lane
2	Traffic Signal			1.000	EA	\$ 150,000	\$ 150,000			Traffic Signal at Lakewood Ave
TOTAL							\$ 11,559,011			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
87	DALE MABRY HWY	AT WATERS AVE	0		0	New Interchange

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Dale Mabry Hwy	At Waters Ave					\$ 63,795,337			New Interchange
TOTAL							\$ 63,795,337			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
88	EVERHART RD EXTENSION	FALKENBURG RD	US HWY 301	0.342	0	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Everhart Road Extension	Falkenburg Road	US Hwy 301	0.342	MI	\$ 8,737,665	\$ 2,988,281	Urban	NC	2 Lane Divided Urban Road with 22' Median and 4' Bike Lanes
TOTAL							\$ 2,988,281			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
89	NEBRASKA AVE	HILLSBOROUGH AVE	BUSCH BLVD	2.532	4U	5D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Nebraska Avenue	Hillsborough Avenue	Busch Blvd	2.532	MI	\$ 4,760,180	\$ 12,052,776	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2				2.532	MI	\$ 1,705,584	\$ 4,318,539	Urban	MR	4 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 16,371,314			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
91	US HWY 301	SELMON EXWY	SLIGH AVE	5.042		4D	6D			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 301	Selmond Expwy	Sligh Ave	4.922	MI	\$ 6,978,250	\$ 34,349,040	Rural	W	Existing 4 Lane Interstate to 6 Lanes (Outside); Mill & Resurface Existing; 10' Paved Shoulders Outside; Widen Existing 4' Inside Shoulders to 10'
2	High Level Bridge Widening			41,810	SF	\$ 205	\$ 8,571,050	Bridge	W	High Level
3	Low Level Bridge Widening			36,495	SF	\$ 150	\$ 5,474,250	Bridge	W	Low Level
TOTAL							\$ 48,394,340			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)		EXIST	2040 NEEDS			
92	US HWY 41	CAUSEWAY BLVD	CSX RAIL			0	New Interchange			
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	US Hwy 41	Causeway Blvd (SR 676)	CSX Rail				\$ 65,000,000			
TOTAL							\$ 65,000,000			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
93	MEMORIAL HWY	INDEPENDENCE PKWY	HILLSBOROUGH AVE	1.98	4D	6D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Memorial Highway	Independence Pkwy	Hillsborough Ave	1.964		\$ 15,102,238	\$ 29,660,795	Urban	W	Existing 4 Lane Divided Urban Arterial to 6 Lane Divided Urban with 22' Median and 4' Bike Lanes
2	Bridge Widening	W of Carlyle Road		4,562		\$ 150	\$ 684,300	Bridge	W	Low Level
TOTAL							\$ 30,345,095			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
95	FIXED GUIDEWAY TRAIL	RYBOR CITY	DOWNTOWN		Streetcar	Maint. / Modernization				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Guideway & Trackwork						\$ 1,509,940			City of Tampa, TECO Streetcar Infrastructure Assessment, 2014
2	Station & Pedestrian Facilities						\$ 286,959			City of Tampa, TECO Streetcar Infrastructure Assessment, 2014
3	Traction Power						\$ 11,027,343			City of Tampa, TECO Streetcar Infrastructure Assessment, 2014
4	OCS						\$ 13,189,035			City of Tampa, TECO Streetcar Infrastructure Assessment, 2014
5	Conversion to modern Streetcar						\$ 13,000,000			MPO Transit Assets & Opportunities Study, 2014, URS - High end of range
TOTAL							\$ 39,013,278			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
96	WATER TRANSIT	PORT REDWING	MACDILL AFB		0	High Speed Ferry

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1							\$ 16,934,000			Per HART's FTA Section 5307 grant application
TOTAL							\$ 16,934,000			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS				
97	COLUMBUS DR	52ND ST	62ND ST	0.753	2U	3D				
SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	Columbus Drive	52nd Street	62nd Street	0.753	MI	\$ 4,760,180	\$ 3,584,416	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
				0.753	MI	\$ 869,311	\$ 654,591	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 4,239,007			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

HILLSBOROUGH COUNTY MPO 2040 NEEDS PROJECT COST ESTIMATE

ID	FACILITY	FROM	TO	LENGTH (miles)	EXIST	2040 NEEDS
98	62ND ST	COLUMBUS DR	CSX INTERMODAL YARD	0.404	2U	3D

SEGMENT	DESCRIPTION	FROM	TO	QUANTITY	UNIT	UNIT COST	CONSTRUCTION COST	ROAD TYPE	IMPROVEMENT TYPE	COST MODEL
1	62nd Street	Columbus Drive	CSX Intermodal	0.404	MI	\$ 4,760,180	\$ 1,923,113	Urban	W	Add 1 Through Lane on Outsie (To Existing) with 5' Sidewalk, and Curb & Gutter
2				0.404	MI	\$ 869,311	\$ 351,202	Urban	MR	2 Lane Undivided Urban Road with 4' Bike Lanes
TOTAL							\$ 2,274,314			

NOTES

Construction cost does not include Design, Off-site Drainage, Right-of-Way, or CEI

Long Distance Rail Capital Cost

Project	Service Pattern	Track miles			Stations	Vehicles	Total
		Low	High	Avg			
Busch Boulevard / Linebaugh Avenue Corridor	15th Street to Pinellas County Line	13.42			10	8	
		\$ 53,680,000	\$ 281,820,000	\$ 167,750,000	\$ 11,000,000	\$ 53,600,000	\$ 232,350,000
North Rail Corridor	Fowler Avenue to Pasco County Line	8.26			4	3	
		\$ 33,040,000	\$ 173,460,000	\$ 103,250,000	\$ 4,400,000	\$ 20,100,000	\$ 127,750,000

* Capital costs for vehicles were estimated based on the Denton County Transportation Authority – A Train vehicle purchase information

* Capital costs for track were estimated on a cost per mile basis according to the following national examples:

Oceanside, CA, NCTD Sprinter Line (FTA Before and After Studies of New Starts Projects, 2011)

Oregon, TriMet Westside Express Service (WES Commuter Rail Fact Sheet: <http://trimet.org/pdfs/history/railfactsheet-wes.pdf>)

Denton, DCTA A-Train (Project Summary: http://texas.construction.com/texas_construction_projects/2010/0601_DentonCounty.asp)

Austin, TX (http://www.lightrailnow.org/news/n_aus_2010-04a.htm adjusted to 2013 dollars)

Hillsborough MPO 2035 Post-Referendum Analysis.

* Track costs assume the use of existing track which does not require the purchase of additional ROW

* Capital costs for stations were estimated based on cost information from the Pinellas Alternatives Analysis

Long Distance Rail O&M Cost

Project	Service Pattern	Peak	Fleet	Annual Revenue		Annual O&M Costs (FY 14 \$)
		Vehicles	Vehicles	Vehicle Miles	Vehicle Hours	
Busch Boulevard/Linebaugh Avenue Corridor	15th Street to Pinellas County Line	6	8	352,060	13,680	\$ 6,892,565
North Rail Corridor	Fowler Avenue to Pasco County Line	2	3	216,690	6,210	\$ 3,128,862