

FREIGHT TRAVEL MARKET SUMMARY NO. 1B: PORT MANATEE TO PORT OF TAMPA

Trends and Conditions

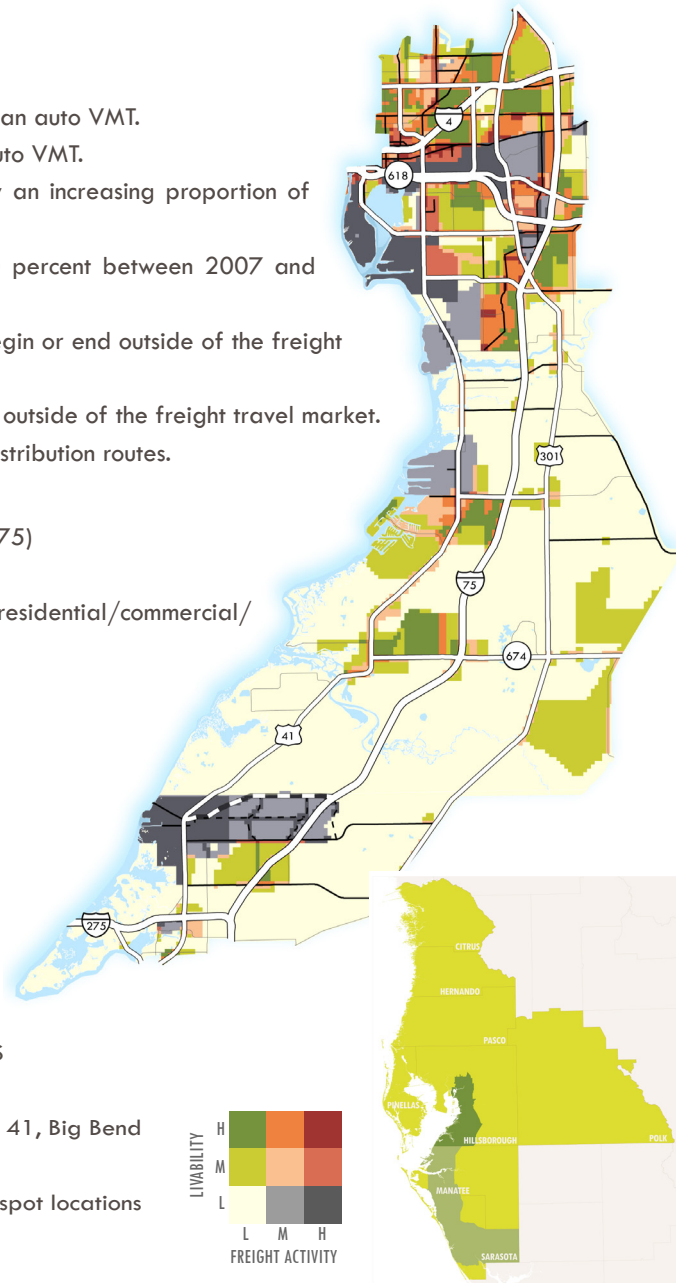
- Total truck VMT is forecast to increase at a faster rate than auto VMT.
- Freeway truck VMT is expected to increase more than auto VMT.
- Freeways and local freight distribution routes will carry an increasing proportion of truck trips.
- Heavy truck VMT is forecast to increase by nearly 10 percent between 2007 and 2035.
- Approximately three-quarters of all heavy truck trips begin or end outside of the freight travel market.
- By 2035, the majority of all truck trips will begin or end outside of the freight travel market.
- Congestion is increasing on freeways and local freight distribution routes.

Freight Travel Market Issues

- Accessibility to Port of Tampa (especially east/west to I-75)
- Railway/roadway conflicts
- Conflicting development pressures (port/industrial vs. residential/commercial/office)
- North/south roadway capacity

Potential Strategies/Projects

- Add capacity to I-75 (special use lanes)
- Causeway Blvd - Maritime to US 301 (4D-6D)
- Madison Ave - US 41 to 78th St (2U-4D)
- Grade separation at Rock Port/US 41
- Grade separation at SR 60/CSX
- Grade separation at Causeway Blvd east of US 41
- Interchange at US 301 and Causeway Blvd (or NB to WB flyover)
- Optimize signal timing on freight corridors (US 41, US 301, Big Bend Rd, e.g.)
- ITS projects to manage congestion/incidents (US 301, US 41, Big Bend Rd)
- Geometric improvements to at-grade intersections at hotspot locations
- Enhance rest area truck parking capacity



2035 Freight Network Performance Statistics

FACILITY CLASS	Total VMT	Class %	Auto VMT	Class %	Truck VMT	Class %	% Truck Traffic	VMC	Total VMT/VMC
Freeway	10,129,711	54%	9,228,916	53%	900,795	68%	8.9%	7,441,205	1.36
Regional Freight Corridor	4,720,933	25%	4,467,047	26%	253,886	19%	5.4%	4,233,270	1.12
Freight Distribution Route	1,670,102	9%	1,602,514	9%	67,589	5%	4.0%	1,747,877	0.96
Arterial	787,981	4%	733,511	4%	54,470	4%	6.9%	1,595,203	0.49
Collector	1,453,953	8%	1,409,240	8%	44,713	3%	3.1%	3,120,418	0.47
Total	18,762,680	100%	17,441,228	100%	1,321,453	100%	7.0%	18,137,973	1.03

TRUCK CLASS	I/E Trips (%)	Avg. Length (Mi.)	I/E Trips (%)	Avg. Length (Mi.)	VMT	% of VMT	SUMMARY STATISTICS	
Light Trucks	48%	5.4	52%	10.5	536,509	54%	Ratio of Frt. Travel Mkt. Pct. Truck Traffic to Avg. Pct. Truck Traffic	1.01
Heavy Trucks	24%	6.9	76%	27.9	458,587	46%	Ratio of Frt. Travel Mkt. Pct. Heavy Trucks to Avg. Pct. Heavy Trucks	0.99
All Trucks	42%	5.6	58%	16.8	995,096	100%	Ratio of Frt. Travel Mkt. Pct I/E Trips to Avg. Pct. I/E Trips	1.23