

TBRPM version 8.2 Update List

(1) TAZ Revisions

- a. Update the 2010 TAZ structure to the Year 2015 model structure, including splitting, renumbering, and merging TAZs. The updated TAZs reflect the revised land use and socioeconomic data for the region.
- b. Overall, Hillsborough County increased by 90 TAZs, Pinellas County reduced by 1 TAZ, Pasco County increased by 36 TAZs, Hernando County increased by 109 TAZs, and Citrus County increased by 11 TAZs.
- c. Socioeconomic data for each of the updated TAZs has been revised to reflect the changes of the boundaries.

(2) Network Updates

- a. Networks were updated in each of the counties for the four scenario years: 2010 base year, 2021 E+C, 2030 ICA, and 2040 CA. A list of changes are summarized in Table 1. The 2021 E+C replaces the previous 2019 E+C.
- b. Overall, more than 50 locations/projects were updated in the regional networks.
- c. Transit line coding changes were made to correspond to the node changes in due to the network updates.

(3) HTML Report Updates

- a. Updated the scripts to generate a new look for the HTML report.
- b. Added sorting functions to several select tables in the HTML report.
- c. Added user-interactive functions to several select figures in the HTML report.

(4) Scripts Updates

- a. Modified scripts in highway assignment for diversion curve method. However, the diversion curve model results are not calibrated or validated for base year as there are no express lanes in 2010
- b. Modified scripts in mode choice to enable the TBRPM model to run under both Cube 6.1.1 and Cube 6.4.1 environment.

Table 1. Network Updates Summary

County	Changes	2010 Base	2021 E+C	2030 ICA	2040 CA
Hillsborough	Made two-way link in Downtown Tampa at the Kennedy Blvd bridge and Ashley St	Changed	Changed	Changed	Changed
	Added the Apollo Beach Blvd extension from US 41 to US 301 (4LD). There is an overpass at I-75 (not an interchange).	Not Changed	Changed	Changed	Already Existed
	Reduced the lanes on 34 th St. N. (from Columbus to Hillsborough) from 4 Lanes to 2 Lanes	Not Changed	Changed	Changed	Changed
	Added Exp-to-Exp lanes at I-275/SR 60/Veteran's Interchange	Not Changed	Not Changed	Changed	Changed
	Revised Reo St. and it's connection to I-275	Not Changed	Not Changed	Changed	Changed
	Widened SR 60 between Spruce St. and I-275, including frontage roads	Not Changed	Not Changed	Changed	Changed
	Revised ramp from Spruce St. to Tampa International Airport	Not Changed	Not Changed	Changed	Changed
	Disconnected Occident St. and Trask St.	Not Changed	Changed	Not Changed	Not Changed
	Added Ramps from Lois Ave. to I-275 Exp. Lane	Not Changed	Not Changed	Changed	Changed
	Added Ramps from Himes Ave to I-275 Mainline	Not Changed	Not Changed	Changed	Changed
	Shorten the I-275 Exp. Lanes from North Blvd. to Armenia Ave.	Not Changed	Not Changed	Changed	Changed
	Shorten the I-275 Exp. Lanes from Bearss Ave. to Busch Blvd.	Not Changed	Not Changed	Changed	Changed
	Revised the I-4 Mainline to I-4 Exp. Lanes to Selmon Connector ramp	Not Changed	Not Changed	Changed	Changed
	Revised the I-4 Mainline to Exp. Lanes ramps at south of MLK Interchange	Not Changed	Not Changed	Changed	Changed
	Added CD system on I-4 WB west of I-75/I-4 Interchange	Not Changed	Not Changed	Changed	Changed
	Added CD system on I-4 WB east of I-75/I-4 Interchange	Not Changed	Not Changed	Not Changed	Changed
	Added CD system on I-4 EB east of I-75/I-4 Interchange	Not Changed	Not Changed	Not Changed	Changed
	Revised the I-75 SB to I-4 WB ramp and the I-4 WB to I-75 NB Ramp	Not Changed	Not Changed	Changed	Changed
	Revised the I-75/MLK interchange to DDI interchange, added an I-75 NB frontage road from I-75/MLK interchange to I-4 EB	Not Changed	Not Changed	Changed	Changed
	Revised the I-75 SB mainline-to-frontage road ramps between SR 60 and Selmon Crosstown	Not Changed	Not Changed	Changed	Changed
Revised the US301/Bloomingdale Intersection to include right-turn lanes	Not Changed	Not Changed	Changed	Changed	
Revised the I-75 SB ramp to Big Bend Rd. Deleted I-75 SB to Big Bend Rd EB loop ramp.	Not Changed	Not Changed	Changed	Changed	

County	Changes	2010 Base	2021 E+C	2030 ICA	2040 CA
	Reduced the 40 St. (from I-4 to Hillsborough) from 6 Lanes to 4 Lanes	Not Changed	Changed	Changed	Changed
	Widen Sam Allen Rd. from SR 39 to Park Rd. to 4 Lanes divided	Not Changed	Changed	Changed	Changed
	Widen SR 574 from Kingsway to McIntosh to 4 Lanes divided	Not Changed	Changed	Changed	Changed
	Added frontage road system from SR56 EB to I-75 / I-275 SB	Not Changed	Not Changed	Changed	Changed
Pinellas	Added the Express Lanes from Gandy Blvd area in Pinellas connecting with the Gateway Express and across the Howard Frankland Bridge	Not Changed	Changed	Changed	Changed
	Howard Frankland Bridge mainline increased from 3 lanes to 4 lanes each direction	Not Changed	Changed	Changed	Changed
	Revised the Mainline-to-Exp Lane ramps on Howard Frankland bridge	Not Changed	Changed	Changed	Changed
	Revised US 19 6-lane partially controlled expressway with frontage roads. Interchange at Curlew, overpass at Northside, from Northside Dr to N of CR 95	Not Changed	Changed	Already Existed	Already Existed
	Reduce the 1st Ave pair to 2 Lanes each direction	Not Changed	Changed	Changed	Changed
	Reduce the Dali/Bayshore from 1st St. to 2nd Ave. to 1 Lane each direction	Not Changed	Changed	Changed	Changed
	Reduce the Park/Starkey St. from Tyrone Blvd to middle of Park Blvd and Bryan Dairy Rd to 2 Lanes each direction	Not Changed	Changed	Already Existed	Already Existed
	Increase the Park/Starkey St. from Tyrone Blvd to 54th Ave to 3 Lanes each direction	Not Changed	Not Changed	Changed	Changed
	Revised the Area Type of the following roads to OBD: US 19 (Tarpon Ave to Pasco County), Forest Lake Blvd, Commerce Blvd, State St, Drew St (Hampton Rd. to McMullen Booth Rd), Ft. Harrison Ave, Roosevelt Blvd, US 92, MLK Jr. St (83rd Ave to 77th Ave), 62nd Ave (12th St to Lincoln Cir), 150th St, 38th Ave N. (4th St to 1st St), and 49th St (38th Ave to 30th Ave).	Changed	Changed	Changed	Changed
	Revised the Area Type of the following roads to Residential: 49th St (30th Ave to 22nd Ave) and 22nd Ave (MLK Jr. St to 4th St).	Changed	Changed	Changed	Changed
Pasco	Revised the I-75/SR 54 interchange to DDI interchange.	Not Changed	Changed	Changed	Changed
	Included 6 lanes total of Little Rd up to SR 54	Not Changed	Changed	Already Existed	Already Existed
	Add an interchange at I-75/Overpass	Not Changed	Changed	Already Existed	Already Existed
	Included 4 lanes total of Collier Parkway	Not Changed	Changed	Changed	Already Existed

County	Changes	2010 Base	2021 E+C	2030 ICA	2040 CA
	Extended SR 52 to the east	Not Changed	Changed	Already Existed	Already Existed
	Included 4 lanes total extension of SR 56 to US 301	Not Changed	Changed	Already Existed	Already Existed
	Revised the Moon Lake Rd at SR 52 Intersection to 2 Lanes each direction	Not Changed	Changed	Changed	Changed
	Revised the US 41 from Ridge Road Ext. to SR 52 to 2 Lanes each direction	Not Changed	Changed	Changed	Changed
	Added Connerton Blvd, Pleasant Plains Pkwy, and Blue Mist Pkwy	Not Changed	Changed	Already Existed	Already Existed
	Revised the SR 52 from McKendree Rd to Cemetery Rd to 2 Lanes total	Not Changed	Changed	Already Existed	Already Existed
	Revised the Overpass Rd east of I-75 Interchange to 2 Lanes total	Not Changed	Changed	Already Existed	Already Existed
	Added I-75 SB CD road at south of I-75 / SR 56 Interchange	Not Changed	Not Changed	Changed	Changed
Hernando & Citrus	Added Nobleton Croom Rd, Croom Rital Rd, W. Hampshire Blvd, Citrus Spring Blvd, and Country Club Blvd	Changed	Already Existed	Already Existed	Already Existed
	Revised the Area Type to Rural for US19 from Hexam Rd. to Knuckey Rd. and Northwest of Brooksville area	Changed	Already Existed	Already Existed	Already Existed
	Revised the Area Type to OBD for Gulf to Lake Hwy	Not Changed	Changed	Changed	Changed
	Revised the Area Type to Residential for south of Dunnellon Area	Not Changed	Changed	Changed	Changed