

AIR QUALITY CONFORMITY FOR THE 2008-2011 TIP and 2035 RTP

Background

In June 2008, the Transportation Policy Council approved the air quality conformity determination for the 2035 Regional Transportation Plan (RTP). Since that time, a few projects included in the conforming plan have changed in scope and/or timing. In some cases, the projects were originally modeled incorrectly in the travel demand analysis for the RTP. Some changes were significant enough to warrant a new conformity determination for the RTP.

The modified projects are the following:

- IH 45N HOV lanes from FM 1960 to LP (loop) 336 S – change milestone year; advance from 2025 to 2019.
- BF (Business Farm to Market Road) 1960 from FM 1960 west of Humble to FM 1960 east of Humble – rescope from added capacity to access management treatments.
- Allendale Extension: Oaks Rd. and Judy St. – remove project from RTP; local sponsor has withdrawn the project.
- Little York between Airline and Hardy Toll Road - change from 6 lanes (in 2025 and 2035) to 4 lanes (in 2019, 2025 and 2035).
- Dulles Ave from SH 6 to US 90A – project incorrectly modeled as widening from 4 to 6 lanes; project will reconstruct 4 through lanes and add 2 auxiliary lanes.
- FM 2234 from FM 521 to SH 288 – modeled as widening to 6 lanes; project is to widen from 2 to 4 lanes.
- SH 105 Cleveland Bypass – modeled as widening to 6 lanes; project is to widen to 4 lanes in 2025.
- SH 105 in Montgomery County – modeled as 6 lanes; project should be 4 lanes; revise limits as Walden Road to Old River Road (0.870 miles) as 6 lanes.
- SH 87 Galveston Ferry Landing to Bolivar Ferry Landing Toll Bridge - remove from RTP.

Current Situation

A new conformity determination that includes the project changes listed above is shown in the following table:

Analysis year	Budget		Conformity Finding			
	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	VMT	% VMT change from last conformity
2008	186.13	86.77				
2009	186.13	86.77	154.93	79.02	146,698,682.9	-0.1%

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2019	186.13	86.77	50.13	46.22	189,509,296.7	1.9%
2025	186.13	86.77	39.69	42.71	215,870,353.2	2.2%
2035	186.13	86.77	43.05	50.85	259,987,240.4	2.0%

Action Requested

For information only.