

PM3 Travel Time Performance Measures and Target Setting for TEMPO

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Texas Independence Day

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FAST Act Performance Measures

- Level of Travel Time Reliability (LOTTR) – Interstate
- Level of Travel Time Reliability (LOTTR) – Non-Interstate
 - 80th % travel time / 50th percent travel time
 - Four time periods: AM Peak, Midday, PM Peak, Weekend
 - Above 1.50 is unreliable
- Truck Travel Time Reliability (TTTR) – Interstate
 - 95th % travel time / 50th percent travel time
 - Five time periods: AM Peak, Midday, PM Peak, Overnight, Weekend
- Peak Hour Excessive Delay
 - Eight peak hours
 - Over 1M population and Non-Attainment areas
 - Over 200,000 population in 2022

Target Setting Basics - Recommendations

- Be conservative in 2018
 - We don't understand the measures
 - There are no penalties
 - Re-evaluate targets in 2020
- Look at trends
 - Only have 2016 & 2017 comparable speed data
 - Look at historical VMT/PMT growth in the region
 - Look at scheduled projects, the facilities they affect, and how much effect those projects may have
- Look at amount of 'close to bad' sections
 - These 'good' sections could be 'bad' with only small congestion increase

What Do We Do With These Measures?

- Send them to FHWA to meet deadline and requirements

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Seriously....

- Measures are difficult to explain and understand
- No one else uses them
- They have threshold points
 - Section is 'good' or 'bad'
 - Very bad is the same as barely bad
 - Sections near threshold can go good-bad-good-bad with small traffic changes
 - Difficult to interpret and use for reporting or project selection