

PROBLEMS WE ARE TRYING TO ADDRESS



AVERAGE DAILY TRAFFIC ON US 183 in 2013



149,300 vehicles south of SH 45N
(CDM Smith, 2015)



190,400 vehicles near Braker Lane
(CDM Smith, 2015)



FREQUENT CONGESTION IN THE US 183 CORRIDOR

Due to daily traffic, the corridor becomes congested. This leads to stop-and-go conditions and delays.



30% INCREASE IN TRAVEL TIMES DURING PEAK PERIODS

Capital Metro's Express Bus route frequencies are significantly reduced on US 183 during peak periods as compared to off-peak periods.
(Capital Metro, 2015)



CONFLICT FOR EMERGENCY RESPONDERS

Congestion creates conflict for emergency responders traveling to incidents and medical facilities.

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IN 2013 ...

AVERAGE MORNING SOUTHBOUND SPEEDS

43
MPH

The average southbound speeds on US 183 were approximately 43 mph between SH 45N and MoPac.

AVERAGE AFTERNOON NORTHBOUND SPEEDS

31
MPH

The average northbound speeds on US 183 were approximately 31 mph between MoPac and Duval Road.

50
MPH

The average northbound speeds on US 183 were approximately 50 mph between Duval Road and SH 45N.

LEGEND

Average Peak Travel Time = Distance/Speed during peak travel period; Speed is averaged over 8.5-mile corridor

 Travel Period = 7 AM-9 AM

 Travel Period = 4 PM-6:30 PM

Source: CDM Smith, 2015

IN 2035, IF WE DO NOTHING ...

PROJECTED AVERAGE MORNING SOUTHBOUND SPEEDS

10
MPH

Under the No Build scenario, average morning southbound speeds on US 183 are projected to be approximately 10 mph between SH 45N and MoPac.

PROJECTED AVERAGE AFTERNOON NORTHBOUND SPEEDS

10
MPH

Under the No Build scenario, average afternoon northbound speeds on US 183 are projected to be approximately 10 mph between MoPac and Duval Road.

14
MPH

Under the No Build scenario, average afternoon northbound speeds on US 183 are projected to be approximately 14 mph between Duval Road and SH 45N.