

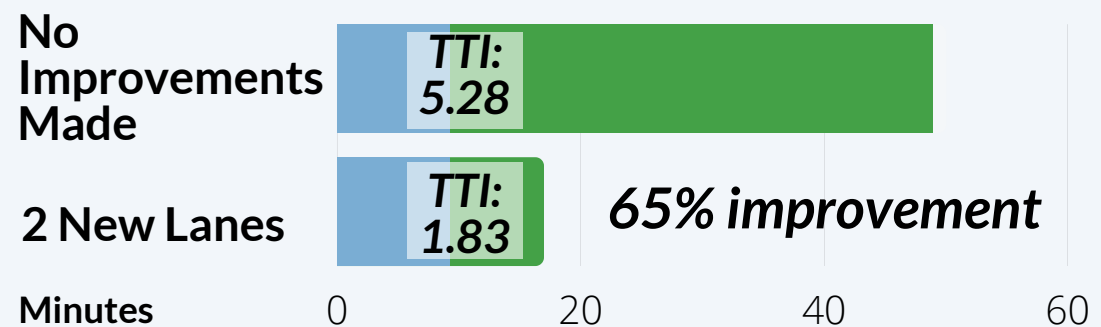
Traffic Performance of Reasonable Alternatives

How do the reasonable alternatives improve the Travel Time Reliability?

All reasonable alternatives have the same lane configurations and therefore would provide similar improvements

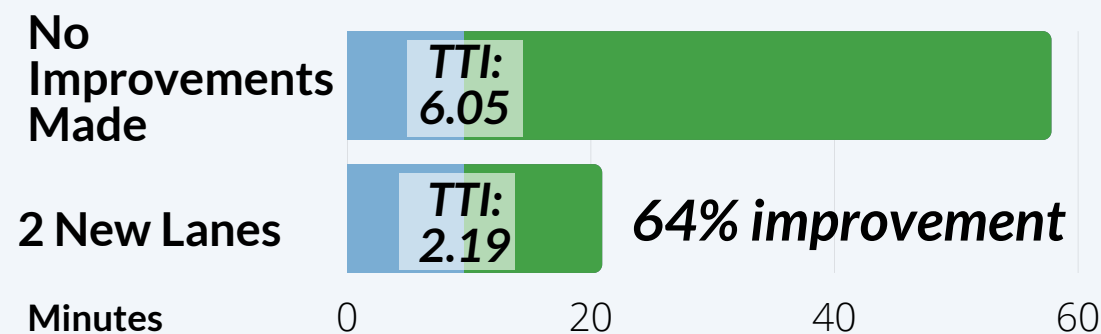
Comparing the No-Build vs. Build in 2050

Eastbound - Going to Mount Pleasant



No Traffic
(Like Middle of the Night)

Westbound - Going to North Charleston



Rush Hour
(Such as 5-6pm)

These graphs help explain the Travel Time Index. The blue shows how long it would take to drive the corridor if there were no traffic in 2050 (AKA how long it takes to drive it going the speed limit) and the green shows the additional time it takes to travel the corridor during rush hour. **Note, the green bars are substantially longer if no improvements are made - meaning it would take that much longer to drive the corridor.**

What does this mean?

The Travel Time Index indicates it would take less time to drive from North Charleston to Mount Pleasant (and the reverse) if any of the reasonable alternatives were constructed



Estimated Drive Times During Rush Hour in 2050

	No Improvements Made	Reasonable Alternative Constructed
Eastbound Going to Mount Pleasant	49 Minutes	17 Minutes
Westbound Going to North Charleston	58 Minutes	21 Minutes