

What types of concepts did we look at?

1

The "No Build" Alternative

What would happen if no improvements were made?

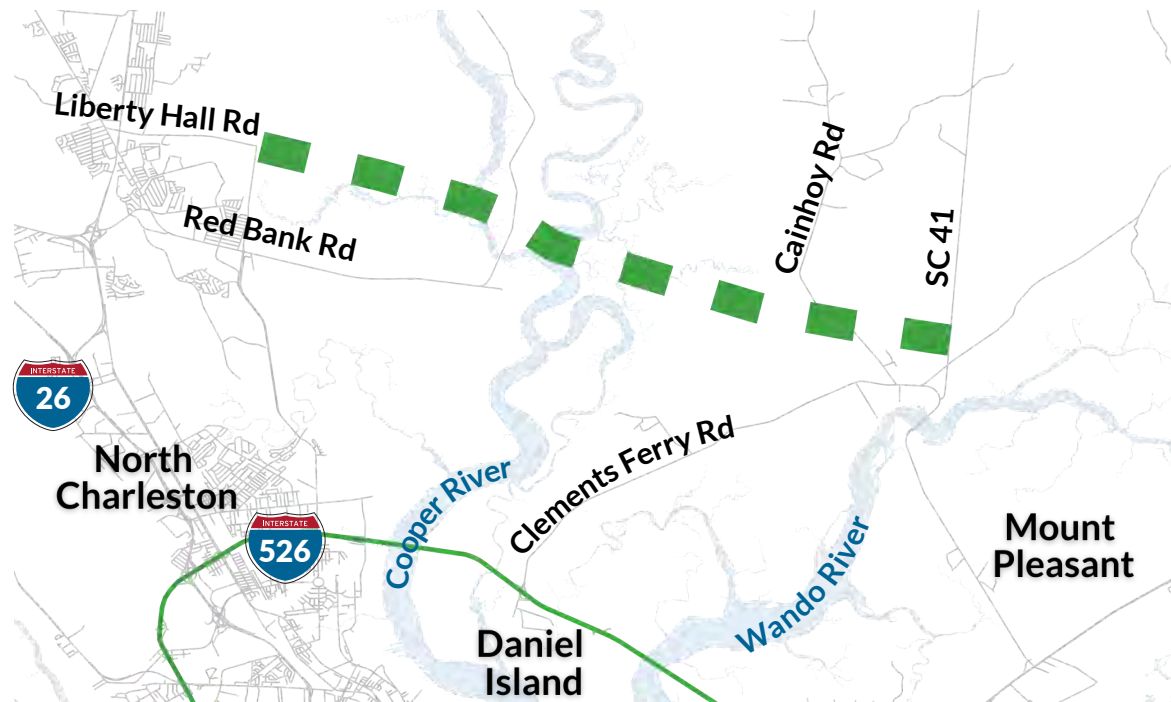
Increased travel times and congestion. Additionally, as congestion increases, congestion-related crashes typically increase.

3

Parallel Routes

Why not build a new parallel road reduce traffic?

A new alternative route would only provide minimal improvements in congestion and travel speed. It also would not improve the roadway deficiencies of the existing I-526 corridor.



2

Transportation Systems Management & Operations (TSMO)

What other options could help extend the life of I-526 and/or prevent the need for us to build anything?

TSMO strategies are used to extend the life of a highway and avoid or delay the construction of new lanes. The existing infrastructure may not always support these options without additional construction. In this case, TSMO strategies alone would not provide the level of improvement needed. *Examples:*



Accommodation of Connected & Autonomous Vehicles



Park and Ride



Variable Speed Limit



Shoulder Lane Use

4

Adding Lanes

If we widen the existing road, how many lanes would we need in each direction? 1 lane in each direction would not improve congestion or travel time enough in 2050.

Adding 2 lanes in each direction would improve both congestion and the roadway deficiencies on I-526.

+ 1



+ 2 ✓