

Step 1: Traffic Performance Analysis

A comparative traffic analysis was conducted for each concept to determine if it meets the Project's Purpose and Need. Those meeting the Purpose and Need were advanced to Step 2 Environmental Screening Evaluation.

Better Traffic Circulation (Continuity)

- Improve continuity for traffic movements with direct connections
- Reduce traffic around Eden Hill Farm and Schutte Park
- Reduce trip lengths and time

Concepts achieving highest benefits:
2A, 2B, 2C, 3, 4, 7, 12 and 14B

Reduce Traffic on Camden-Wyoming Avenue

- Provide parallel routes in the vicinity
- Potentially divert truck traffic from historic towns of Camden and Wyoming

Concepts achieving highest benefits:
4, 5, 7A-7C and 12B

Improve North Street Intersection Performance

- Reduce turning movements
- Make a significant number of turning vehicles through vehicles at the intersection of North Street and Saulsbury Road

Concepts achieving highest benefits:
2, 3, 4, 5, 7, 11, 12 and 14B

Reduce Through Traffic

- Reduce through trips on streets between New Burton Road and Governors Avenue

Concepts achieving moderate to high benefits: 3, 4, 5 and 12

Improve Access Across Norfolk Southern Railroad

- For emergency response vehicles
- For trucks
- For all traffic

Concepts achieving highest benefits:
2, 3, 4, 5, 7, 8, 9 and 14B

Legend: # = Retained Alternative