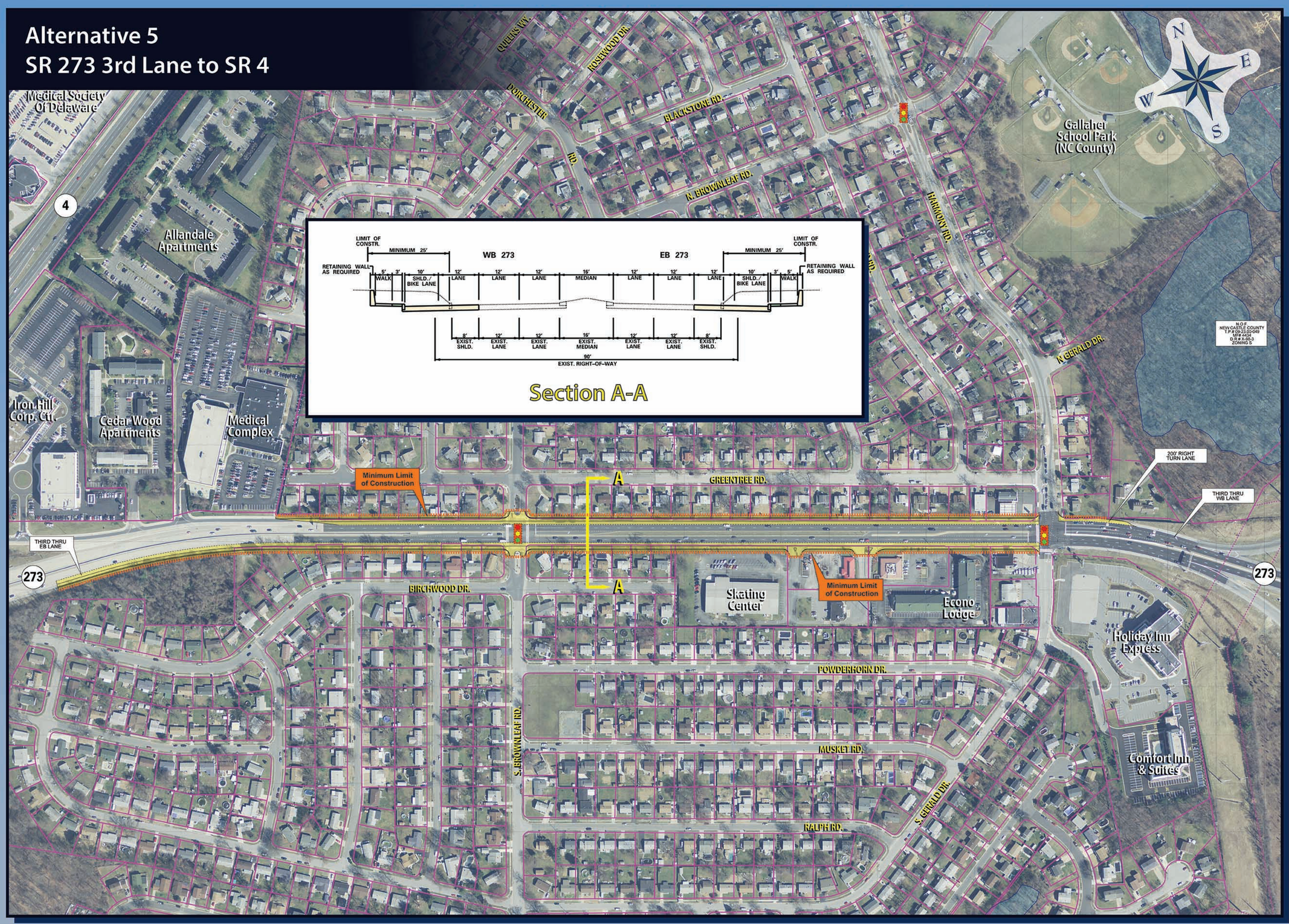
Alternative 5
SR 273 3rd Lane to SR 4

SECONDARY OPTIONS

During the alternatives development process, some options were developed that only addressed the SR 273/Harmony Road intersection capacity. These secondary options will provide traffic benefits, but do not address all of the project needs. Therefore, these are not stand-alone alternatives and must be combined with a retained alternative.



Advantages

- Adds third WB 273 through lane from I-95 off ramp to SR 4 interchange, greatly increasing the merge distance from SB I-95 ramp onto WB 273
- Adds third EB 273 through lane from SR 4 interchange to Harmony Road, decreasing delay and queue at the Brownleaf Road and Harmony Road intersections
- Provides EB & WB 273 bike lanes and sidewalks

Disadvantages

- Requires purchase of right-of-way along EB & WB 273 between Harmony Road and SR 4 interchange

Feedback from May 2015 Workshop #1

- Feedback on this alternative indicated concerns of property, noise, and air quality impacts to residences along SR 273.

Traffic Operational Improvements

	Intersection Delay	Queue Length
	SR 273 AT HARMONY ROAD	SOUTHBOUND I-95 OFF-RAMP
AM	55% Improvement*	70% Improvement*
PM	55% Improvement*	70% Improvement*
* Compared to 2040 No-Build Conditions		

Cost Range

$30M to $40M