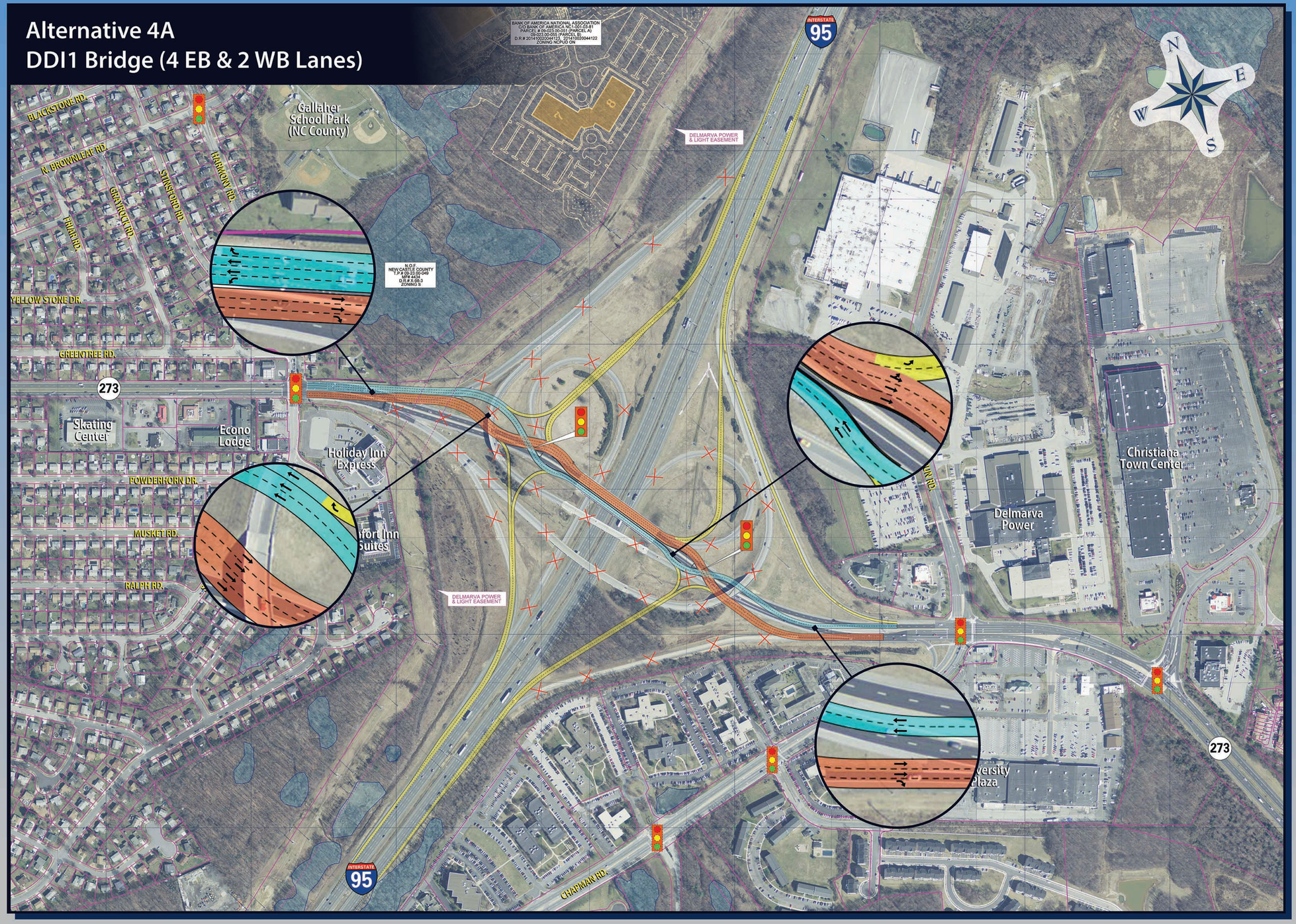
Alternative 4A DDI Bridge (4 EB & 2 WB Lanes)

RETAINED ALTS



Advantages

- Improves SB I-95 ramp access to left turn at N. Gerald Drive
- Removes NB I-95 to WB 273 loop ramp, thus eliminating weave on bridge between ramps
- Improves the weave from NB I-95 ramp to Chapman Road/Eagle Run Road
- Introduces potential for a sidewalk crossing of I-95 to provide missing pedestrian connection
- Reduces overall interchange footprint and number of DelDOT maintained bridges

Disadvantages

- Adds two additional SR 273 signalized intersections
- Significant impact to traffic during construction

Feedback from May 2015 Workshop #1

- Feedback on this alternative was mixed with clarification needed on how it would operate

Traffic Operational Improvements

	Intersection Delay	Queue Length
	SR 273 AT HARMONY ROAD	SOUTHBOUND I-95 OFF-RAMP
AM	70% Improvement*	95% Improvement*
PM	65% Improvement*	90% Improvement*

* Compared to 2040 No-Build Conditions

Cost Range

$30M to $40M

RK&K