Curtis Drive

NORTH DRUID HILLS ROAD CORRIDOR STUDY
DRAFT FINAL RECOMMENDATIONS: KEY INTERSECTION IMPROVEMENTS

Second Public Open House - March 11 and 14, 2019

DESCRIPTION OF RECOMMENDATIONS

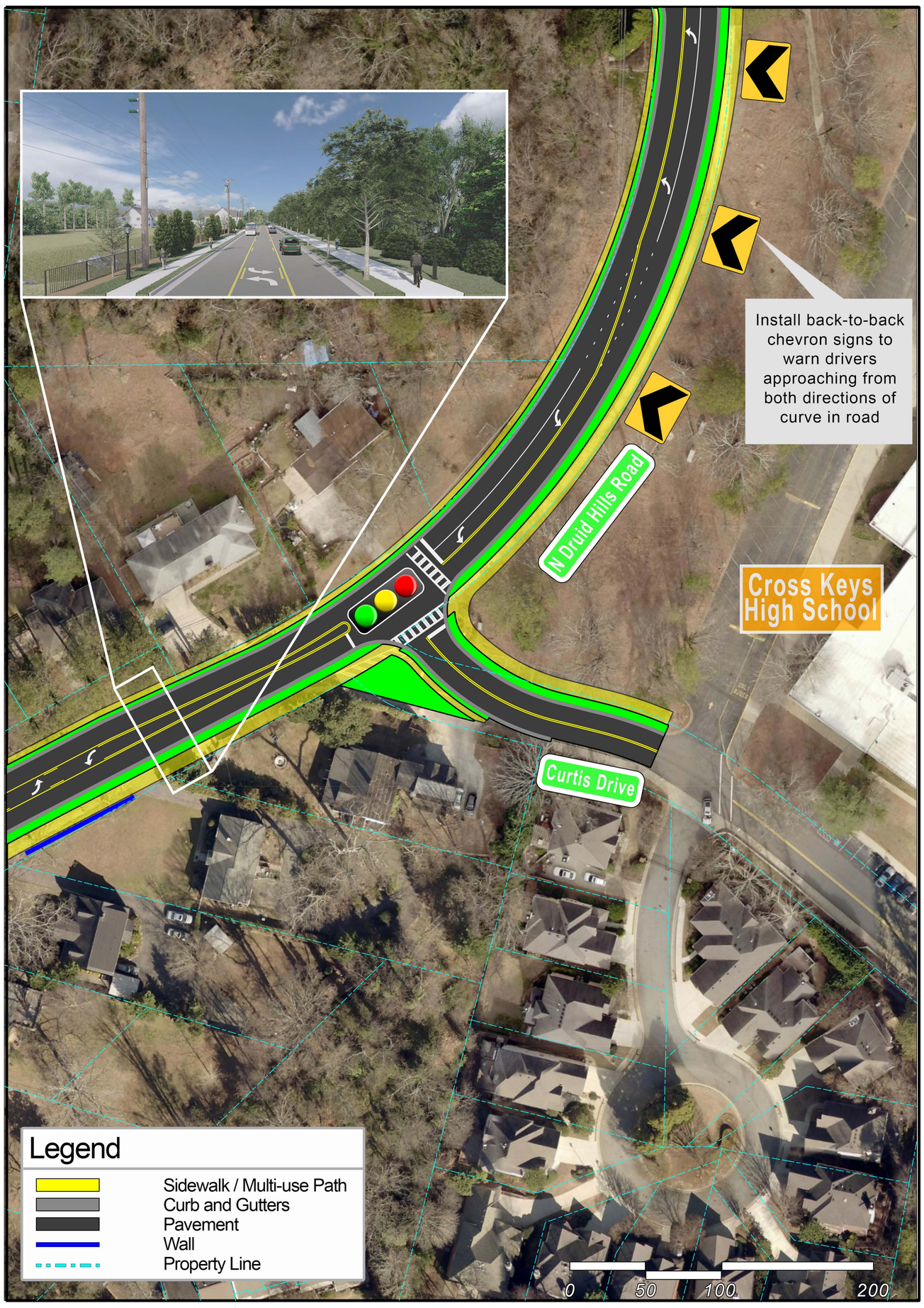
- Improve the skew of the intersection by bringing it closer to a 90-degree-angle
- Upgrade the traffic signal to include new mast arms and signal heads
- Improve the visibility of the traffic signal for motorists approaching from the north by adding a supplemental signal
- Add retroreflective chevrons and/or reflectors in the curve near the boulders to warn drivers approaching from both directions of the curve in the road
- Expand the pedestrian waiting area at the southeast corner of the intersection
- Construct appropriate pedestrian and streetscape improvements based upon recommended typical cross-sections
- Improve pedestrian facilities, including new curb ramps, crosswalks, and pedestrian signals

POTENTIAL BENEFITS

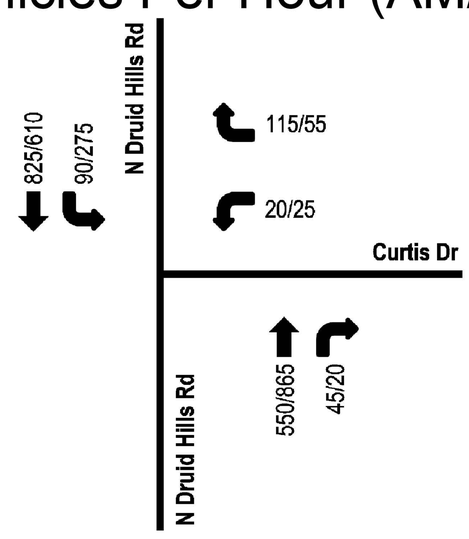
- Improve sight distance for turning motorists
- Improve turning radius and streamline turning movements for buses and larger emergency vehicles
- Improve safety, capacity and operations
- Improve safety for people walking, biking, and using transit
- Improve access to public transportation and key destinations
- Accommodate traffic anticipated from upcoming school redistricting

POTENTIAL IMPACTS

- Would require additional right-of-way in the northeast quadrant of the intersection
- Would require removal/relocation of parking spaces along Curtis Dr at Cross Keys High School between bus driveway and N Druid Hills Rd
- May require short retaining walls along the east side of N Druid Hills Rd south of the intersection



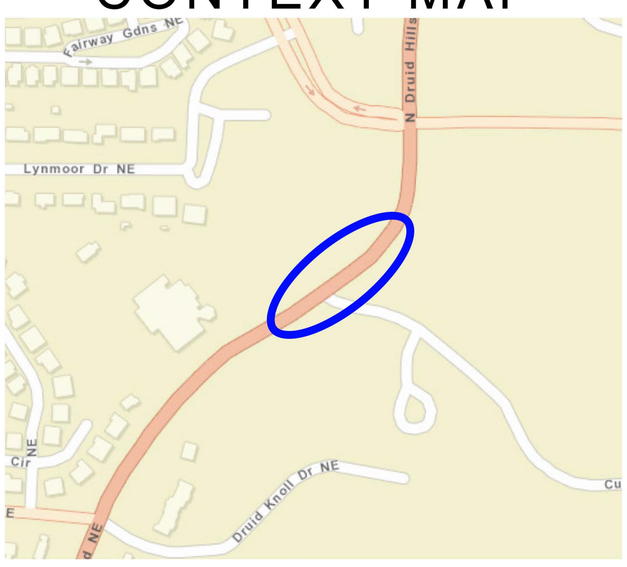
TRAFFIC VOLUMES (2045)
Vehicles Per Hour (AM/PM)



Note: Arrows represent vehicle movements, not lane configuration.

CAPACITY ANALYSIS

	2045 No-Build		2045 Build	
	AM	PM	AM	PM
Level of Service (LOS)	C	C	A	B
Delay (seconds)	20.8	29.5	9.3	10.4

Level of service (LOS) is an indicator of the degree of service on a roadway based on operational characteristics. It is measured on a scale of A (free flowing) to F (congested).

CONTEXT MAP