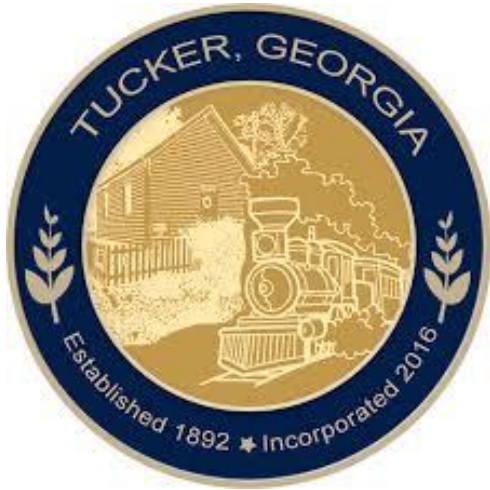


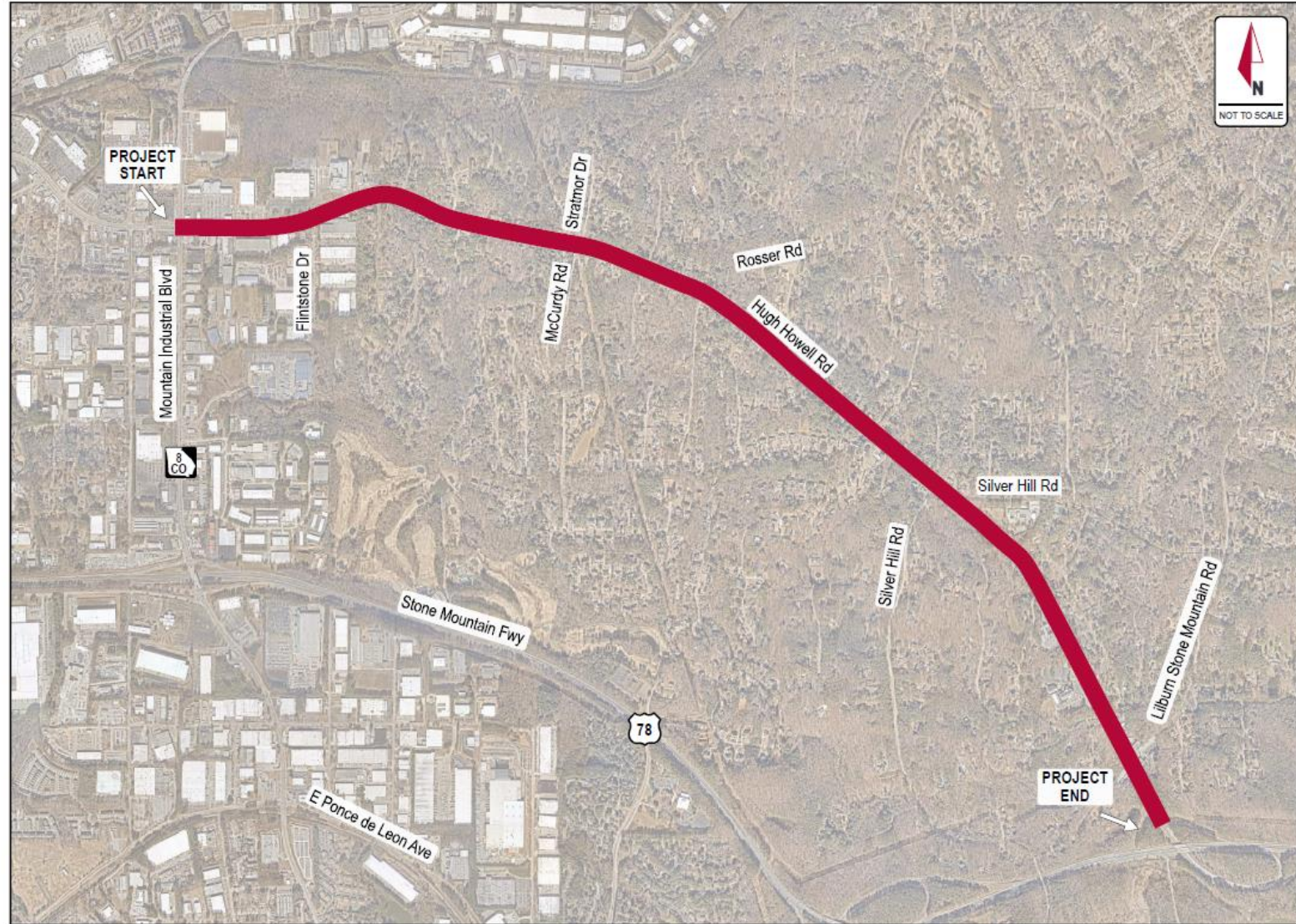
City of Tucker



Hugh Howell Road Corridor Study

May 27th, 2025

Kimley»Horn



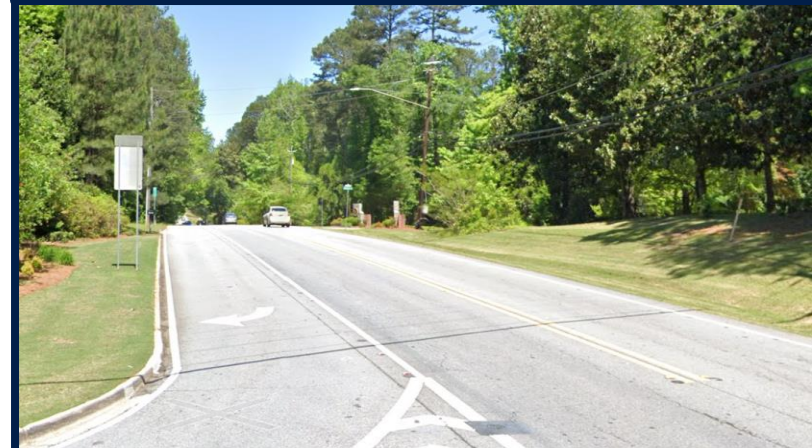
HUGH HOWELL ROAD CORRIDOR STUDY
FIGURE 1: PROJECT LOCATION MAP

Existing Conditions

- **Local Road (formerly SR 236)**
- **Primarily residential (Smoke Rise community)**
- **Smoke Rise Elementary School**
- **45 mph speed limit**
- **Connectivity between downtown Tucker and US 78 / Stone Mountain**

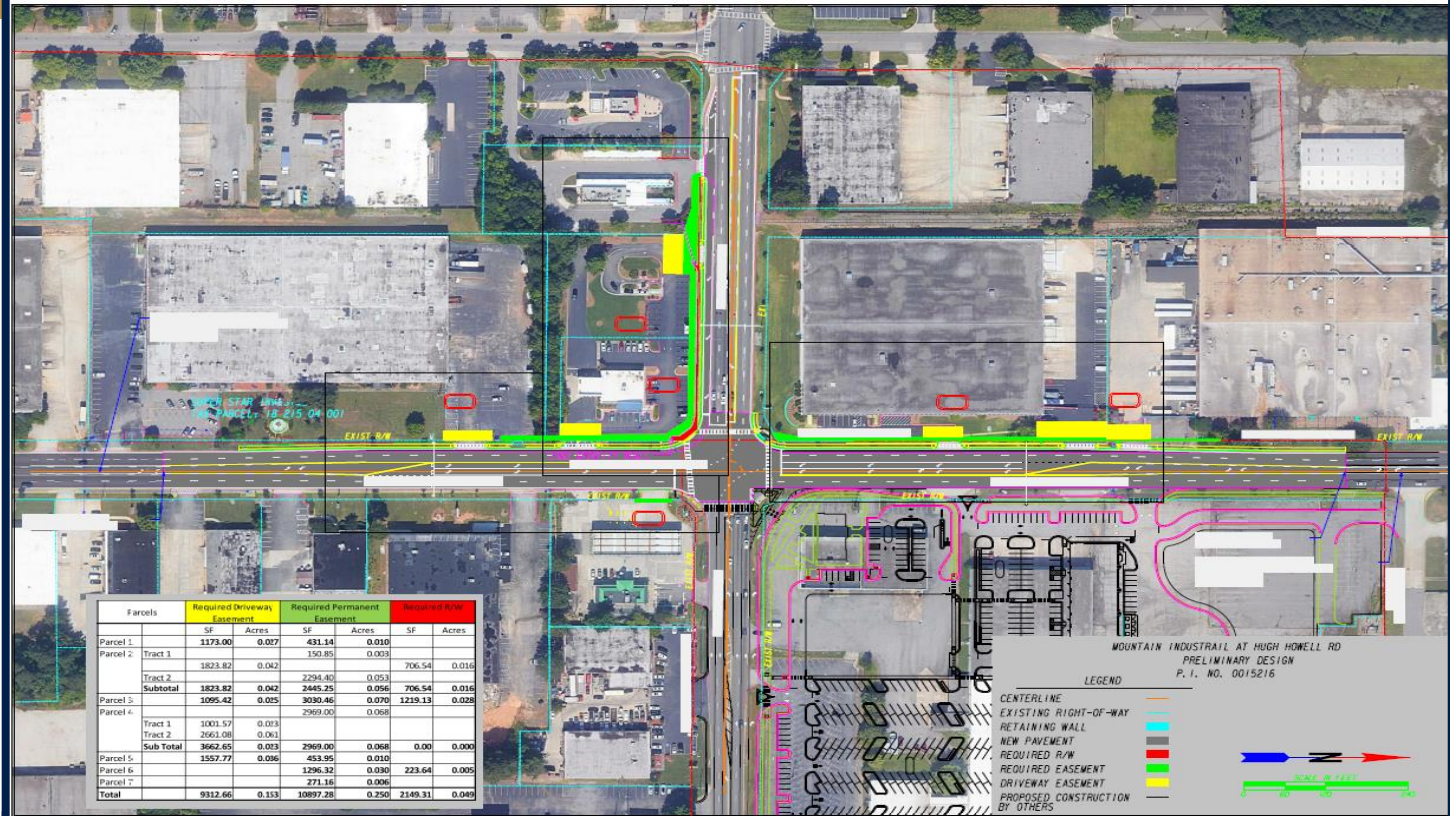
Concerns

- Pedestrian accessibility/safety
- Speeding
- Safety
- Sight Distance
- Access Management



Projects Completed or Underway

- Flintstone Drive
Intersection Improvement
- Sidewalk – Lawrenceville
Hwy to MIB
- Trail – Tucker Industrial Rd
to Stratmor Dr
- Hugh Howell @ MIB
Intersection Improvement



Data Collection

- Analyzed 21 intersections (6 signalized)
- Reviewed sight distance throughout the corridor
- Traffic counts: 11,000 – 18,000 vehicles per day
- 85th percentile speed ~ 48 mph
- All intersections operating at a Level of Service D or higher
- 725 crashes in 5 years
 - 346 (65%) at the MIB and LSMR intersections
 - 179 injuries and 3 fatalities
 - 5 bicycle / pedestrian incidents

85 Percentile Speed

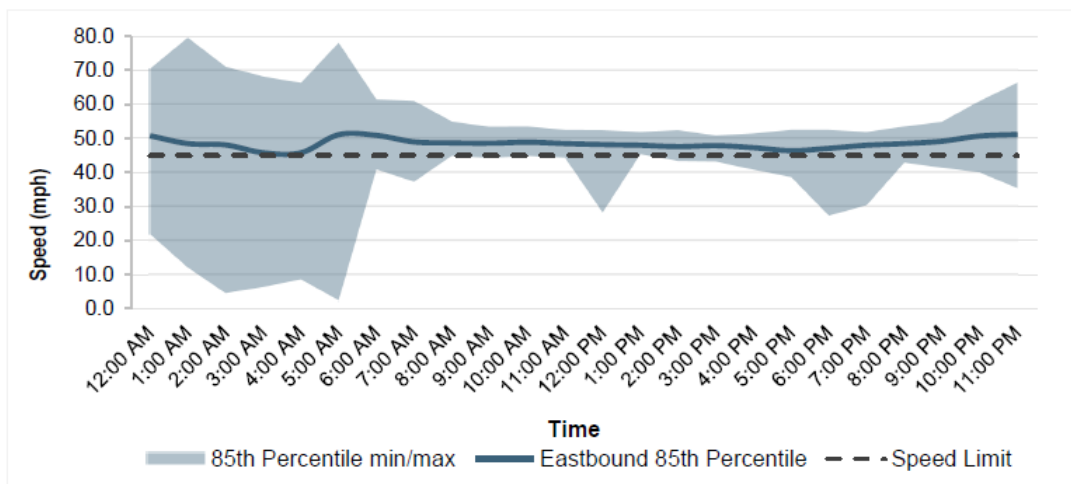
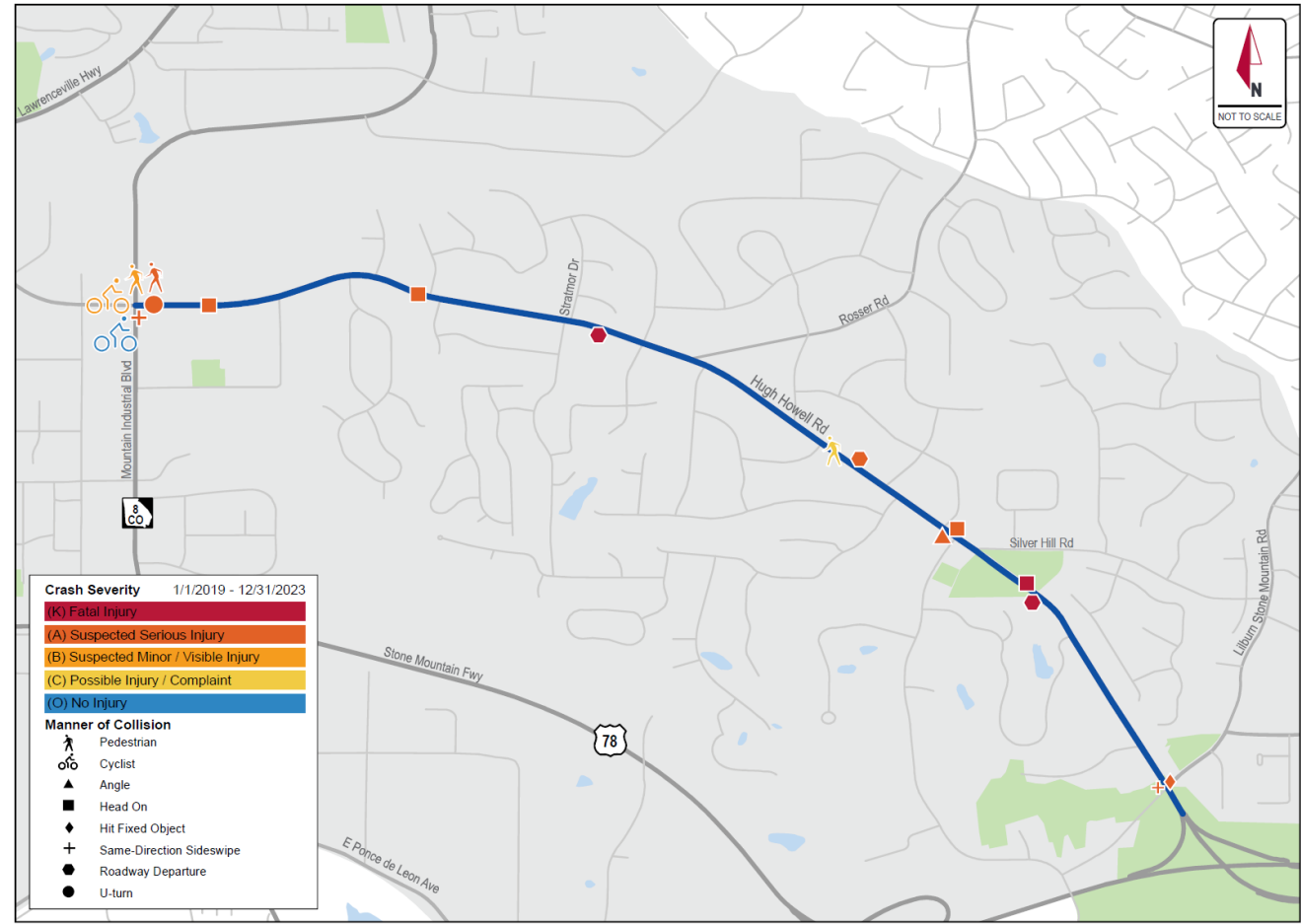
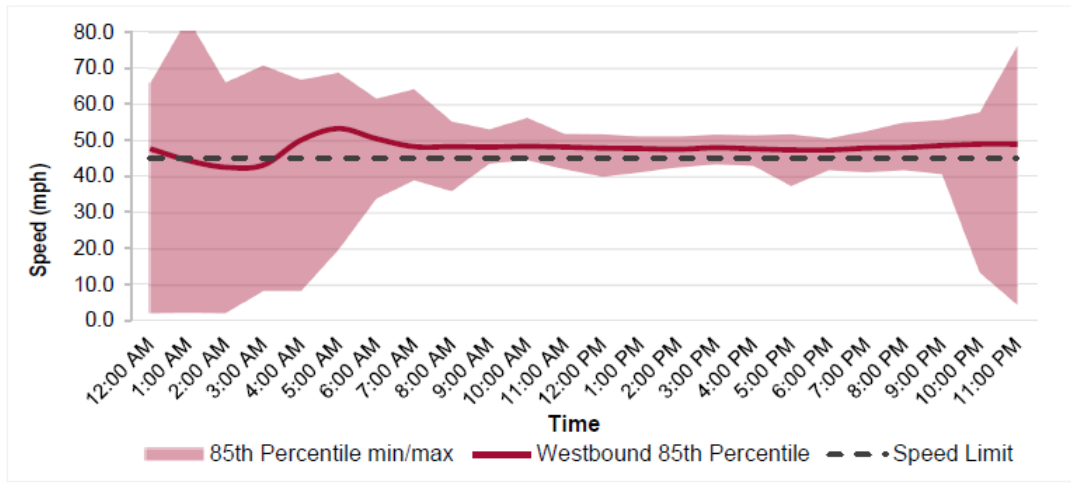


Figure 3: Eastbound Historical Speed Data (Iiteris)



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HUGH HOWELL ROAD CORRIDOR STUDY
FIGURE 8: FATAL, SERIOUS INJURY, AND VRU CRASH MAP (2019 - 2023)

Summary of Recommendations

- 38 Recommendations
- 3 Tiers (plus 5 maintenance items)
- \$12.7M (excluding the trail)

Recommended Improvements

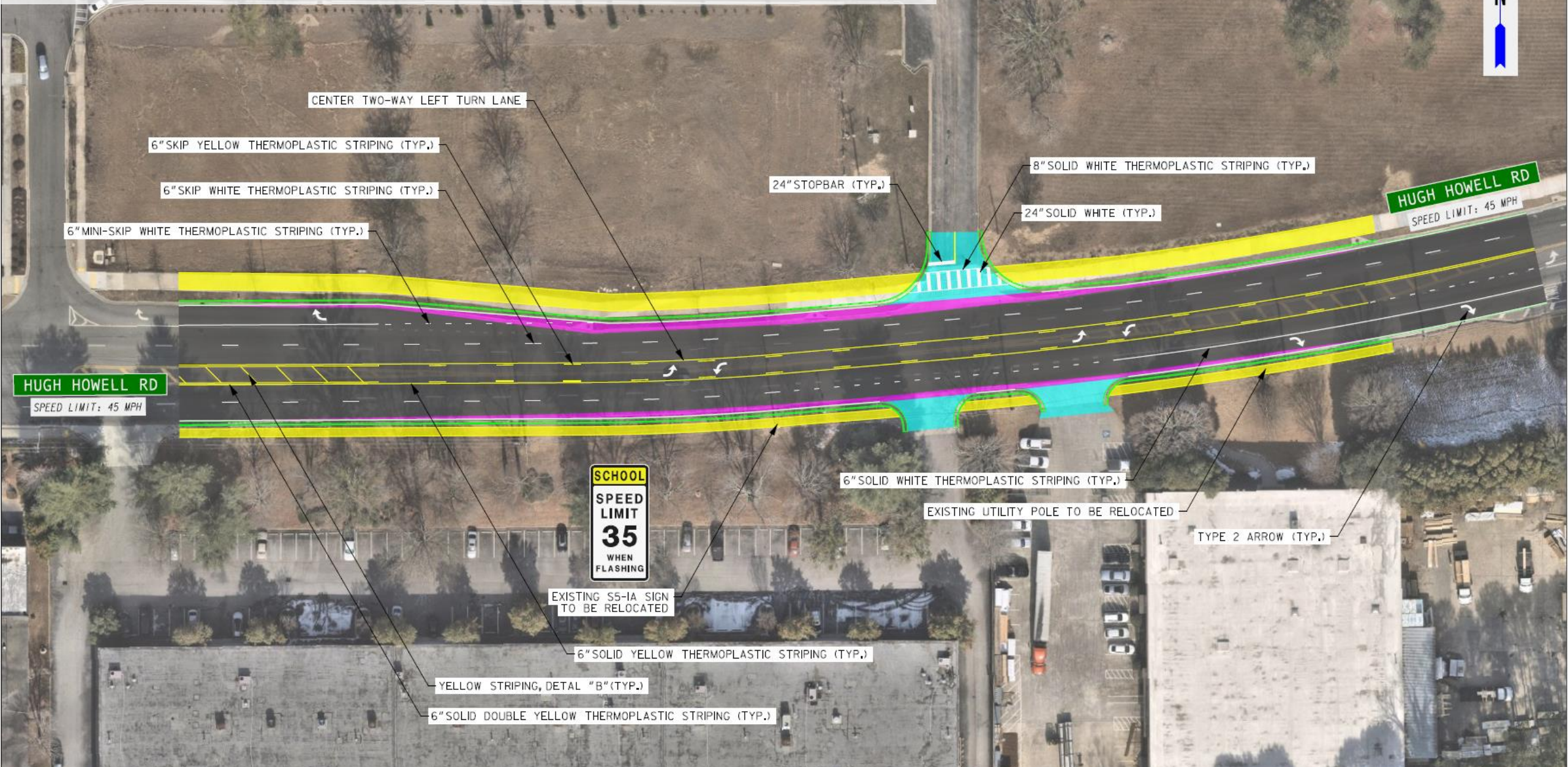
Minor Improvements:

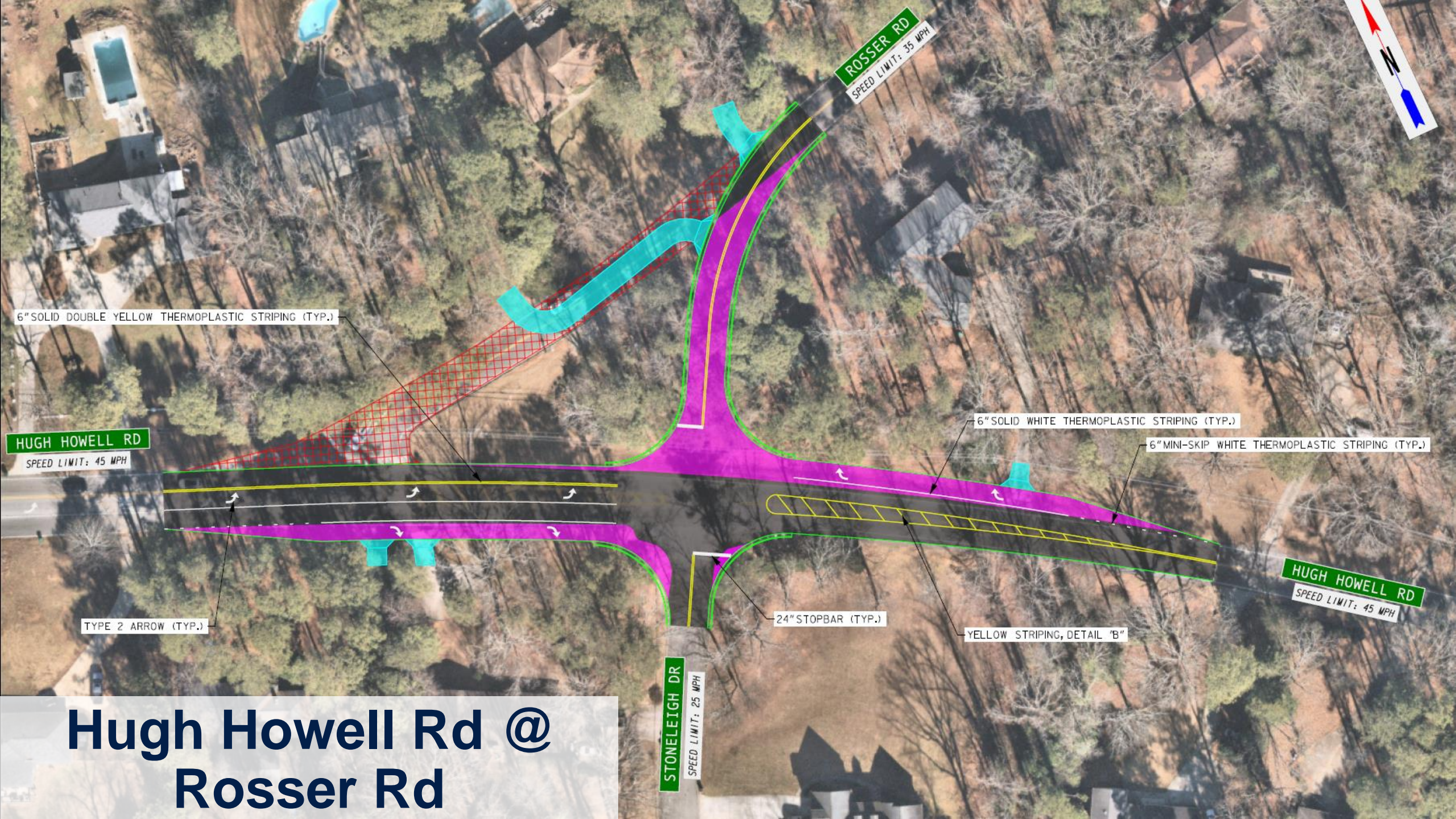
- **Leading pedestrian intervals**
- **Upgrade school flashers**
- **Advance warning signs, striping modifications**
- **Mountain Creek Dr / Mountain West Church improvements**
- **Prohibit left turns at the Montclair Ct intersection**
- **Conduct a speed study to justify a reduction in the speed limit**

Recommended **Improvements** Major Improvements

- Continue trail on north side to US 78
- Realign Rosser Rd
- Roundabout at Silver Hill Rd
- Left turn lane onto Kanawha Dr
- Traffic calming at Lilburn Stone Mountain Rd
- Install a flush median between MIB and Flintstone Dr

Between Hugh Howell Marketplace and Smoke Rise Elem





ROSSER RD
SPEED LIMIT: 35 MPH



6" SOLID DOUBLE YELLOW THERMOPLASTIC STRIPING (TYP.)

HUGH HOWELL RD
SPEED LIMIT: 45 MPH

6" SOLID WHITE THERMOPLASTIC STRIPING (TYP.)

6" MINI-SKIP WHITE THERMOPLASTIC STRIPING (TYP.)

HUGH HOWELL RD
SPEED LIMIT: 45 MPH

TYPE 2 ARROW (TYP.)

24" STOPBAR (TYP.)

YELLOW STRIPING, DETAIL "B"

STONELEIGH DR
SPEED LIMIT: 25 MPH

Hugh Howell Rd @ Rosser Rd

Hugh Howell Rd @ Kahawha Dr



GLACIER DR
SPEED LIMIT: 25 MPH

LEATHER STOCKINGS LN
SPEED LIMIT: 25 MPH

HUGH HOWELL RD
SPEED LIMIT: 45 MPH

HUGH HOWELL RD
SPEED LIMIT: 45 MPH

KAWAWHA DR
SPEED LIMIT: 25 MPH

6" SOLID DOUBLE YELLOW THERMOPLASTIC STRIPING (TYP.)

6" SOLID WHITE THERMOPLASTIC STRIPING (TYP.)

YELLOW STRIPING, DETAIL "B" (TYP.)

24" STOPBAR (TYP.)

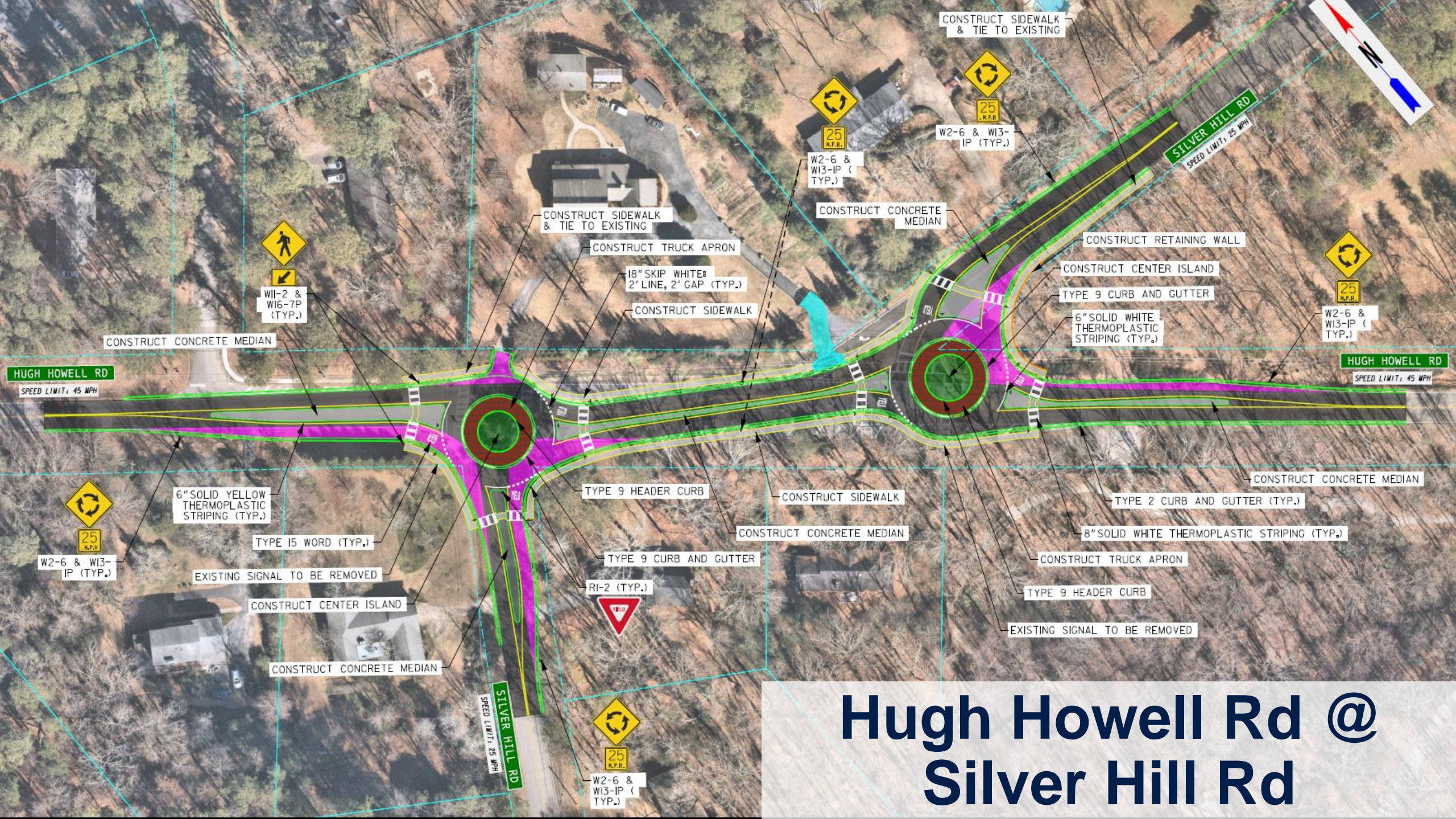
6" SOLID WHITE THERMOPLASTIC STRIPING (TYP.)

6" MINI-SKIP WHITE THERMOPLASTIC STRIPING (TYP.)

TYPE 2 ARROW (TYP.)

SCHOOL
REDUCED
SPEED
AHEAD

EXISTING 24-3P & R2-5A
TO BE RELOCATED

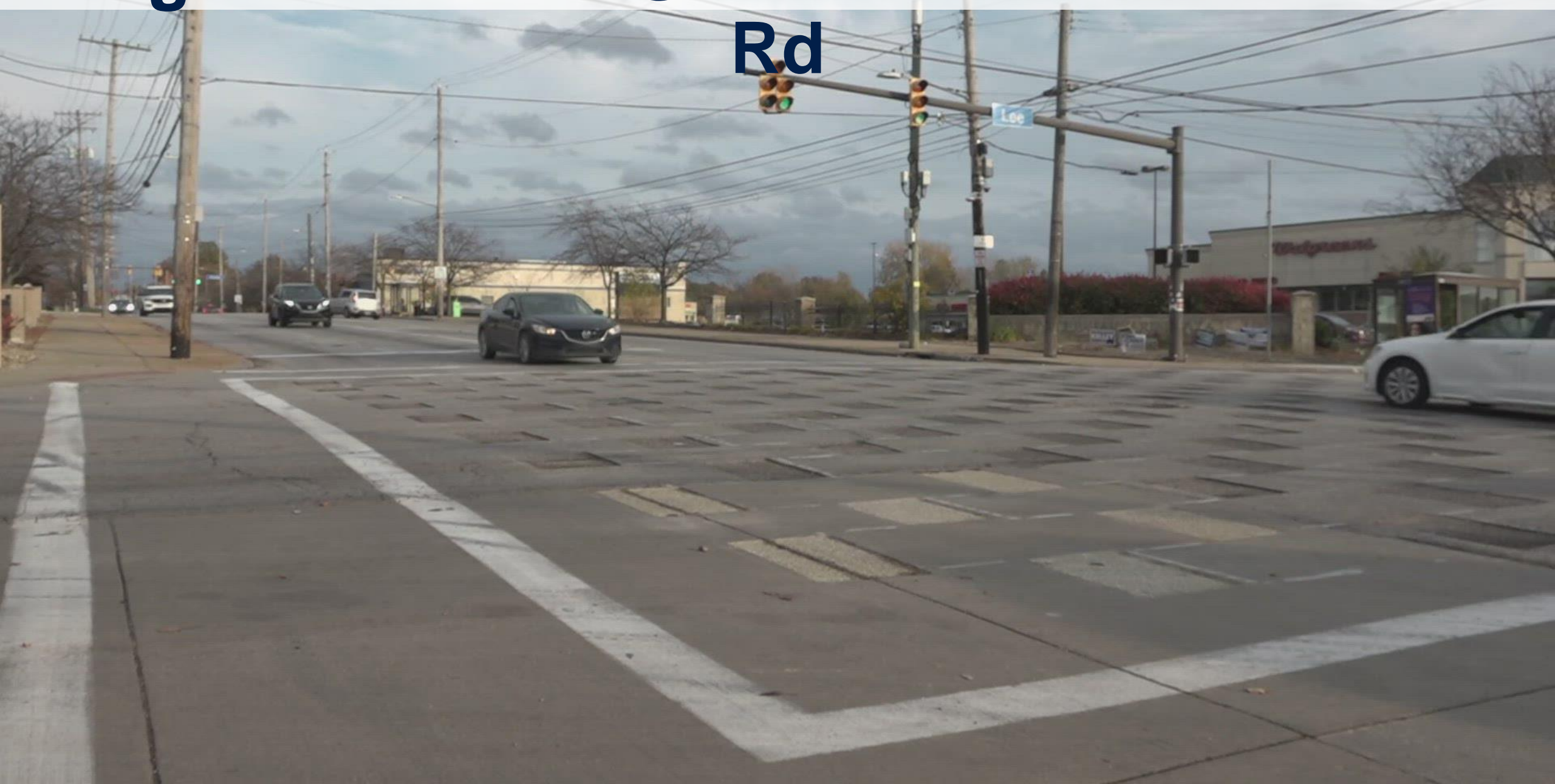


Hugh Howell Rd @ Silver Hill Rd



Hugh Howell Trail east of Lilburn Stone Mountain Rd

Hugh Howell Rd @ Lilburn Stone Mountain Rd



Recommended FY 2026 Budget -

\$1M

Implementation

- 5 maintenance items
- Upgrade school flashers
- Advance warning signs, striping modifications
- Mountain Creek Dr / Mountain West Church improvements
- Traffic calming at Lilburn Stone Mountain Rd
- Prohibit left turns at Montclair Ct

Design

- Trail from Stratmor Dr to Silver Hill Rd (SPLOST)
- Realign Rosser Rd
- Left turn lane onto Kanawha Dr