

# Smart Scale

## Proposed Projects (FY 22-28)



April 28, 2020

## SMART SCALE: Overview

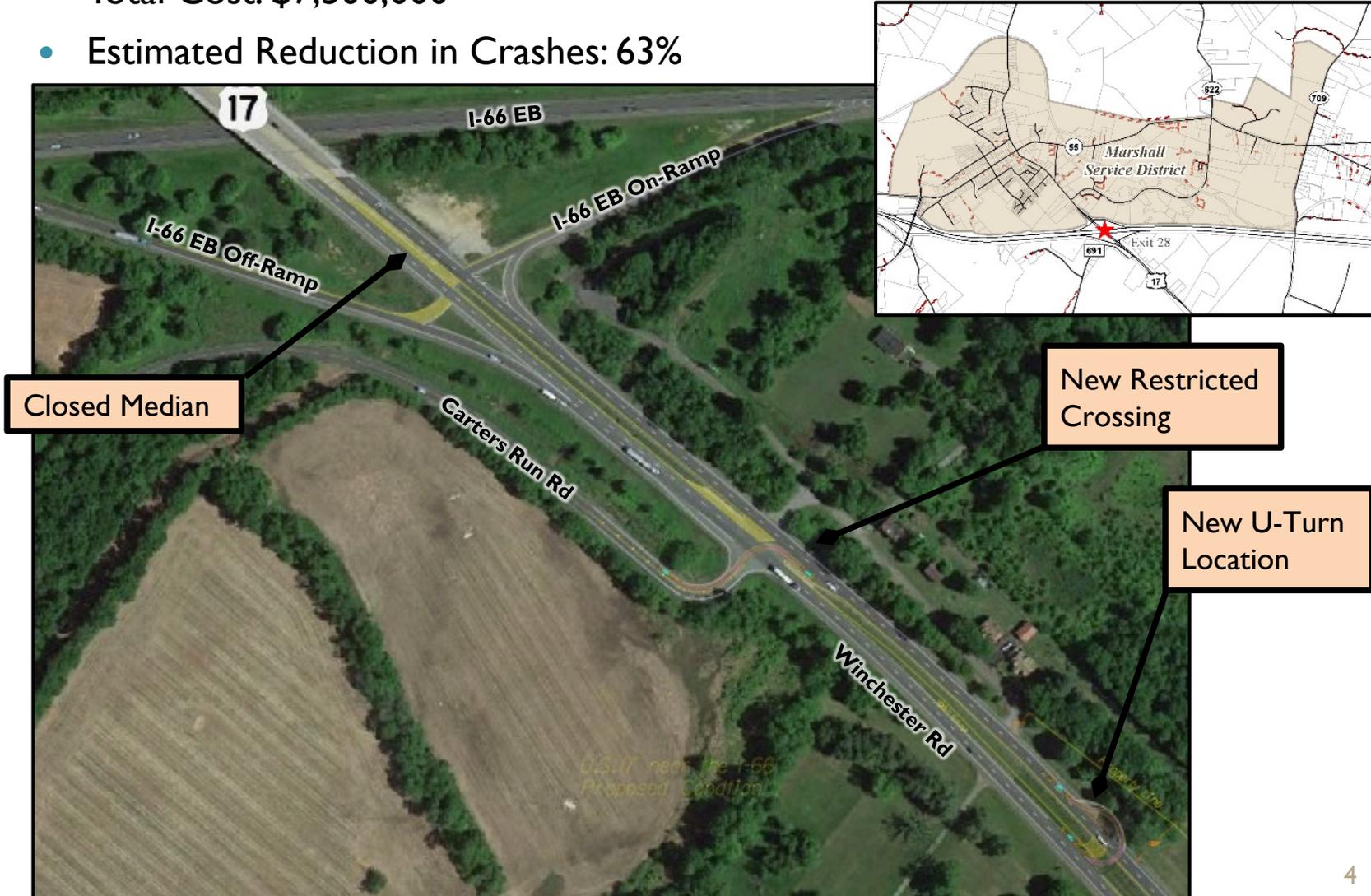
- Adopted in April 2014 as House Bill 2
- Transportation Projects have to be scored and prioritized
- Localities with population < 200,000 limited to 4 applications
- Planning District Commissions (PDCs) with population < 500,000 limited to 4 applications
- Fauquier will submit (4) projects
- RRRC will submit (3) projects for Fauquier County
- Five scoring factors:
  1. Accessibility (15%)
  2. Congestion (10%)
  3. Economic Development (35%)
  4. Environmental Quality (10%)
  5. Safety (30%)
- Weighted Score / Funding Request (in \$10M)

# SMART SCALE: Key Dates

- **April 17, 2020**
  - Submission deadline for pre-applications. - **COMPLETED**
- **April 3 - June 1, 2020**
  - Pre-applications screening review, conducted by VDOT/DRPT staff.
  - At close of pre-application screening, applicants will know which applications can advance.
- **June 1, 2020**
  - Full application period opens
- **Aug. 3, 2020**
  - Submission deadline for full applications.
- **January 2021**
  - Release of project prioritization and base allocation scenario.  
Presentation to the CTB
- **January 2021 - June 2021**
  - CTB member meetings, public meetings, funding scenario review.
  - CTB approves SYIP in June 2021.

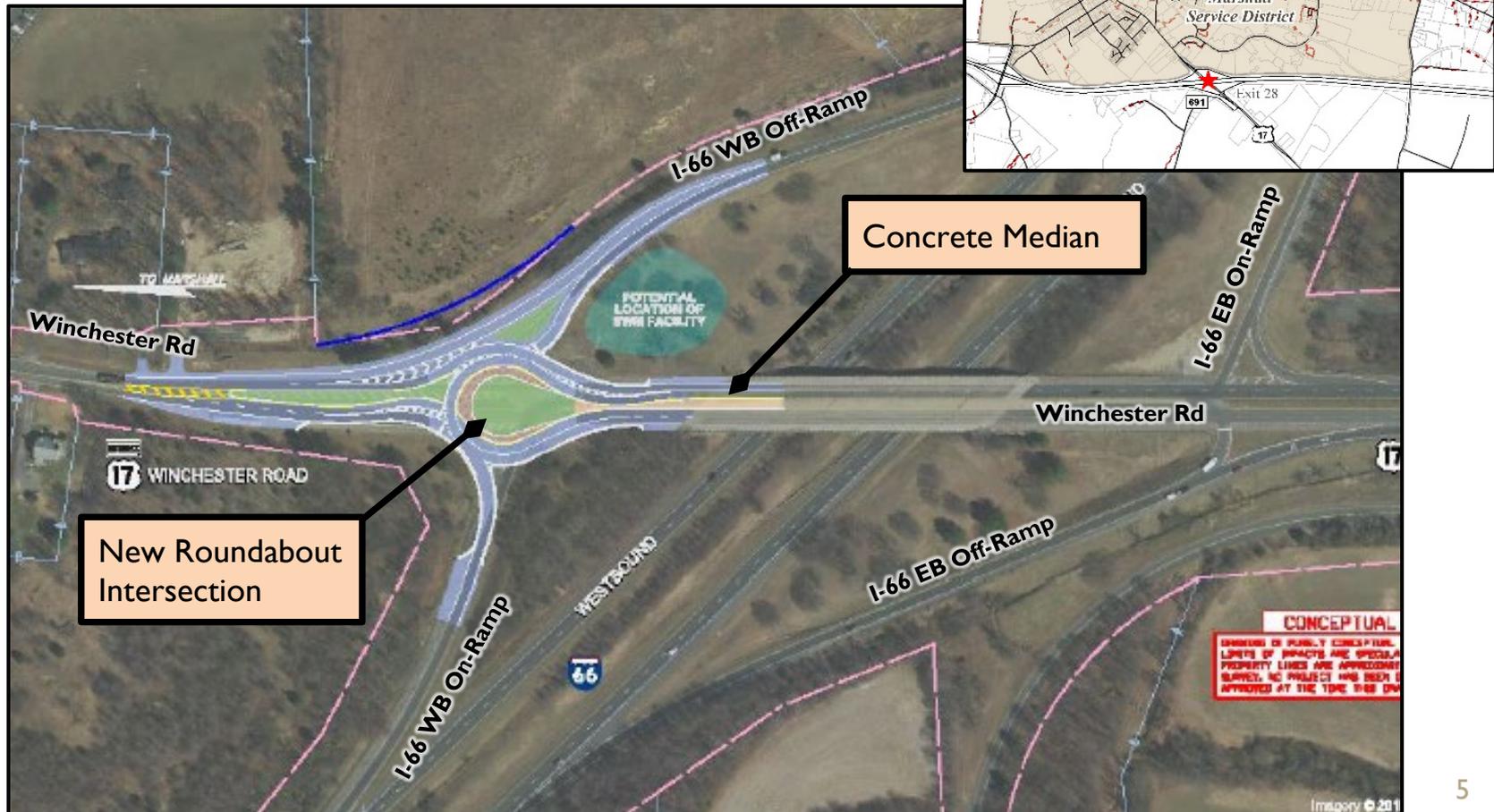
# PDC Project #1: I-66 EB Exit 28 Ramps & Route 17 R-CUT

- Closes the current interchange crossover
- Moves affected movements to the new U-Turn intersection
- Total Cost: \$7,500,000
- Estimated Reduction in Crashes: 63%



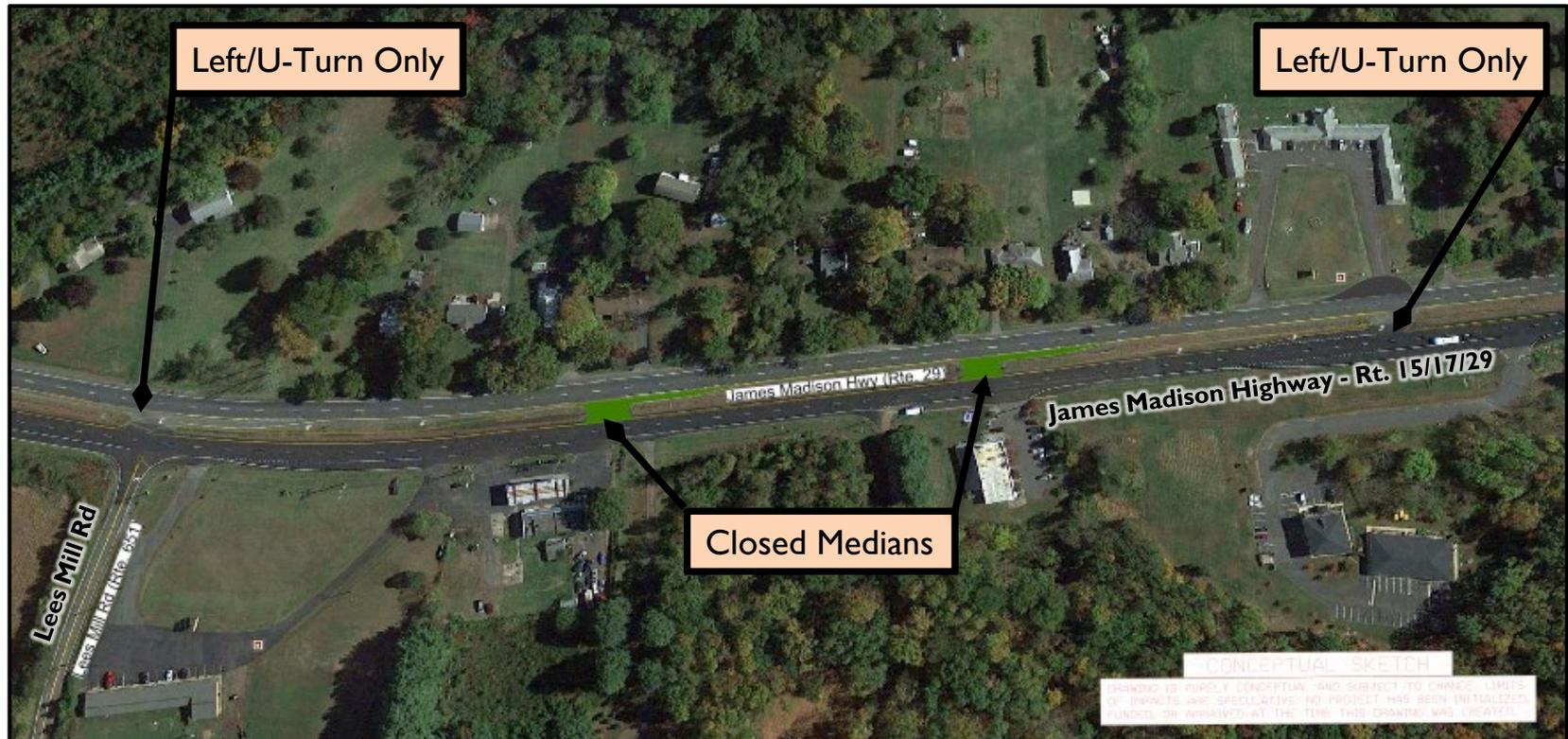
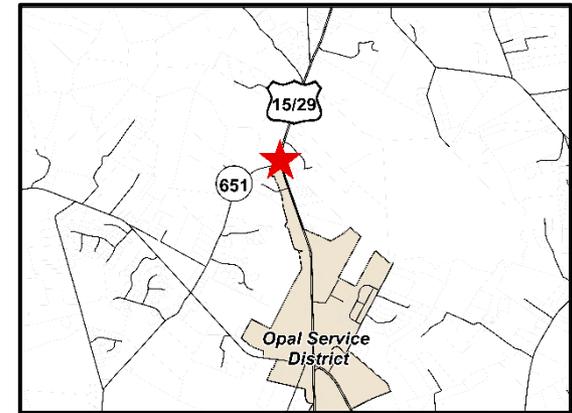
# PDC Project #2: I-66 WB Exit 28 Ramps & Route 17 Intersection Roundabout

- Redesigns west bound (WB) intersection to a roundabout
- Reduces queuing of the north bound (NB) Route 17 to WB I-66 traffic that backs up through the eastbound ramp intersection
- Total Cost: \$12,500,000
- Estimated Reduction in Crashes: 82%



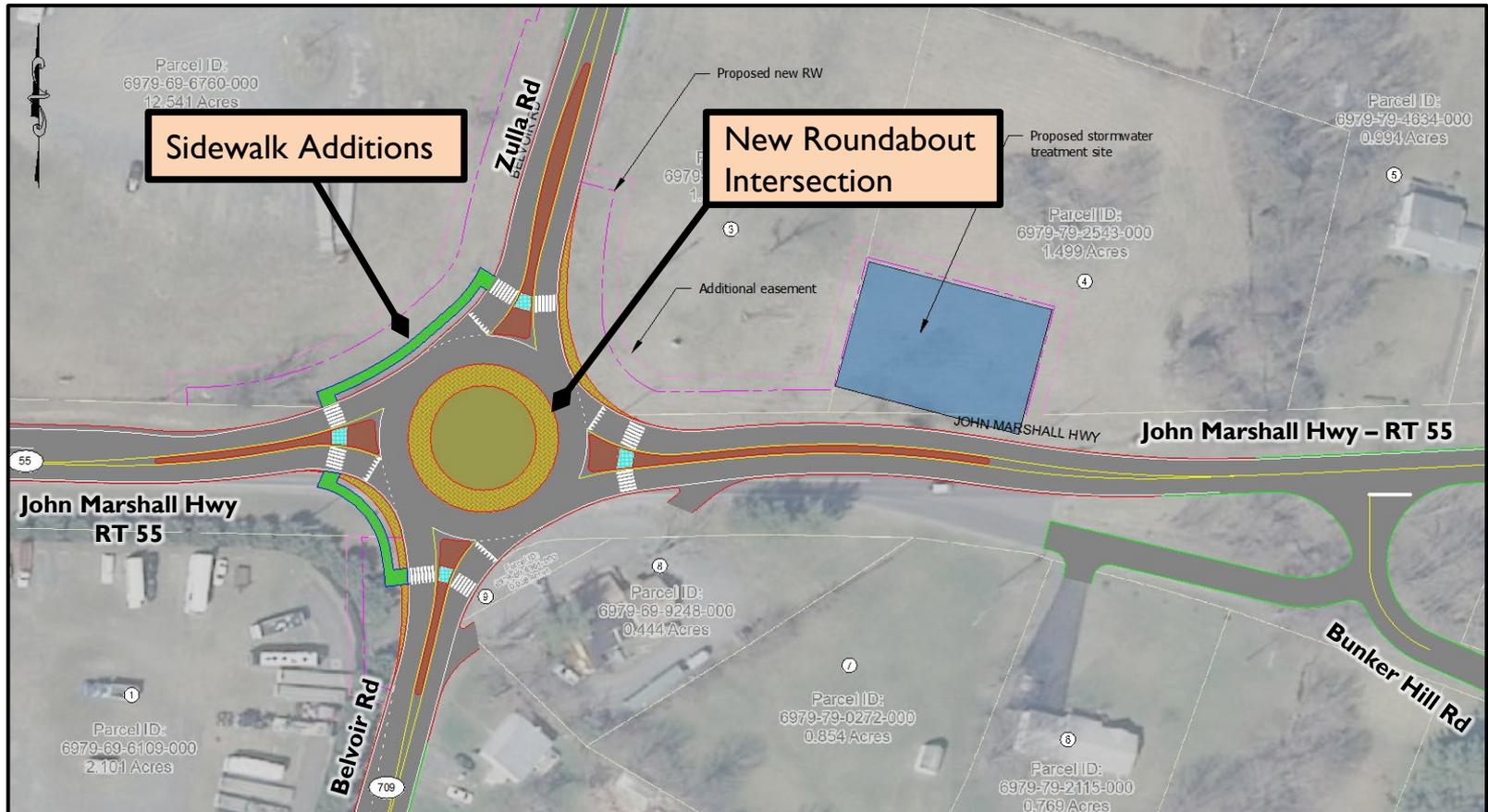
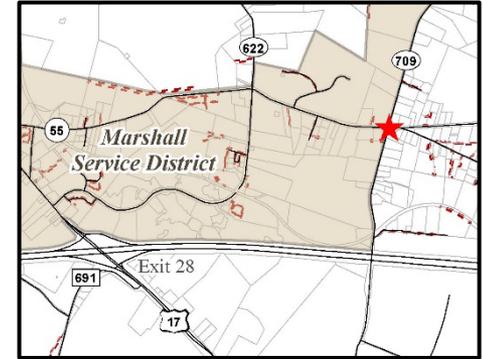
# PDC Project #3: Route 29 & Lees Mill Road Intersection Superstreet

- Project restricts intersection at Lees Mill
- Project closes crossovers
- Restricts the motel entrance intersection
- Total Cost: \$5,000,000
- Estimated Reduction in Crashes: 63%



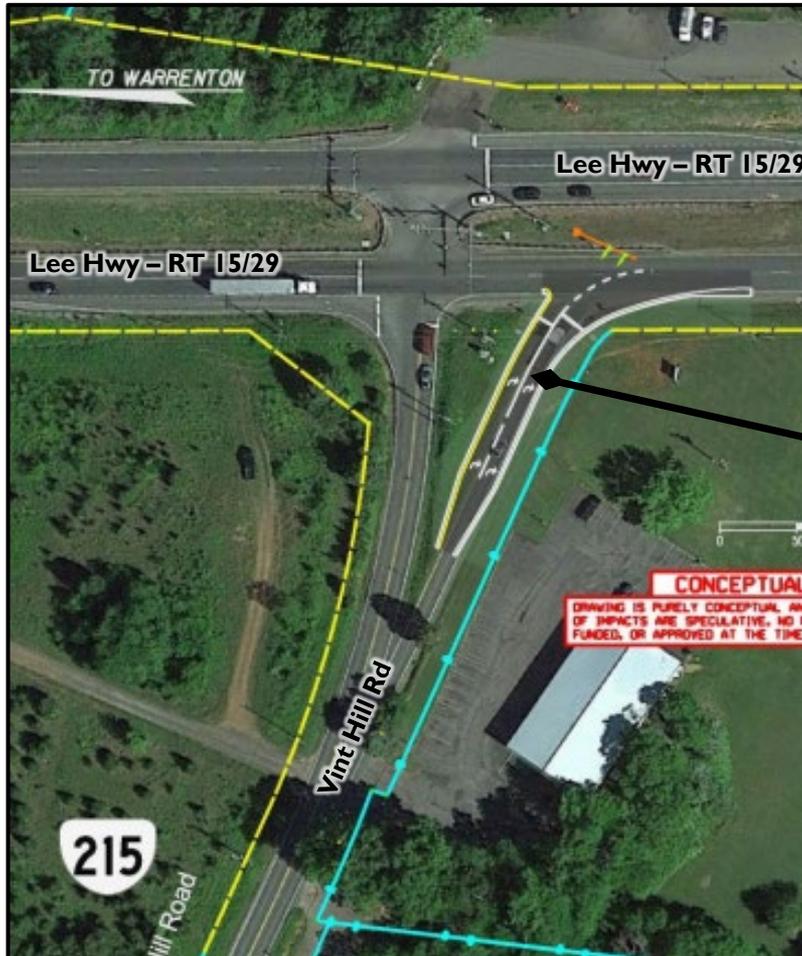
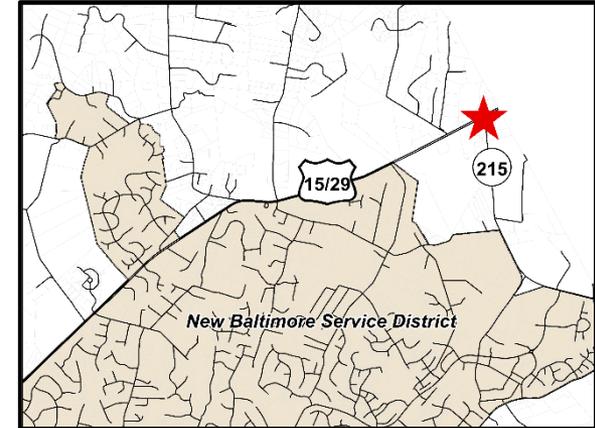
# County Project #1: Route 55 and Zulla/Belvoir Road Roundabout

- Project converts intersection to a roundabout
- Project adds crosswalks and sidewalks
- Total Cost: \$10,937,500
- Estimated Reduction in Crashes: 82%



# County Project #2: Route 29 & Vint Hill Road (Route 215) Dual Right Turn Lanes

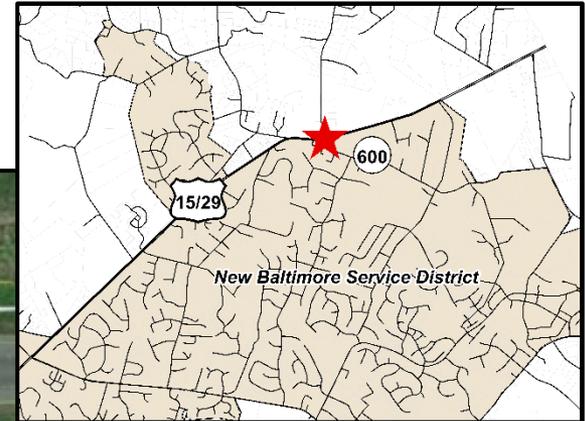
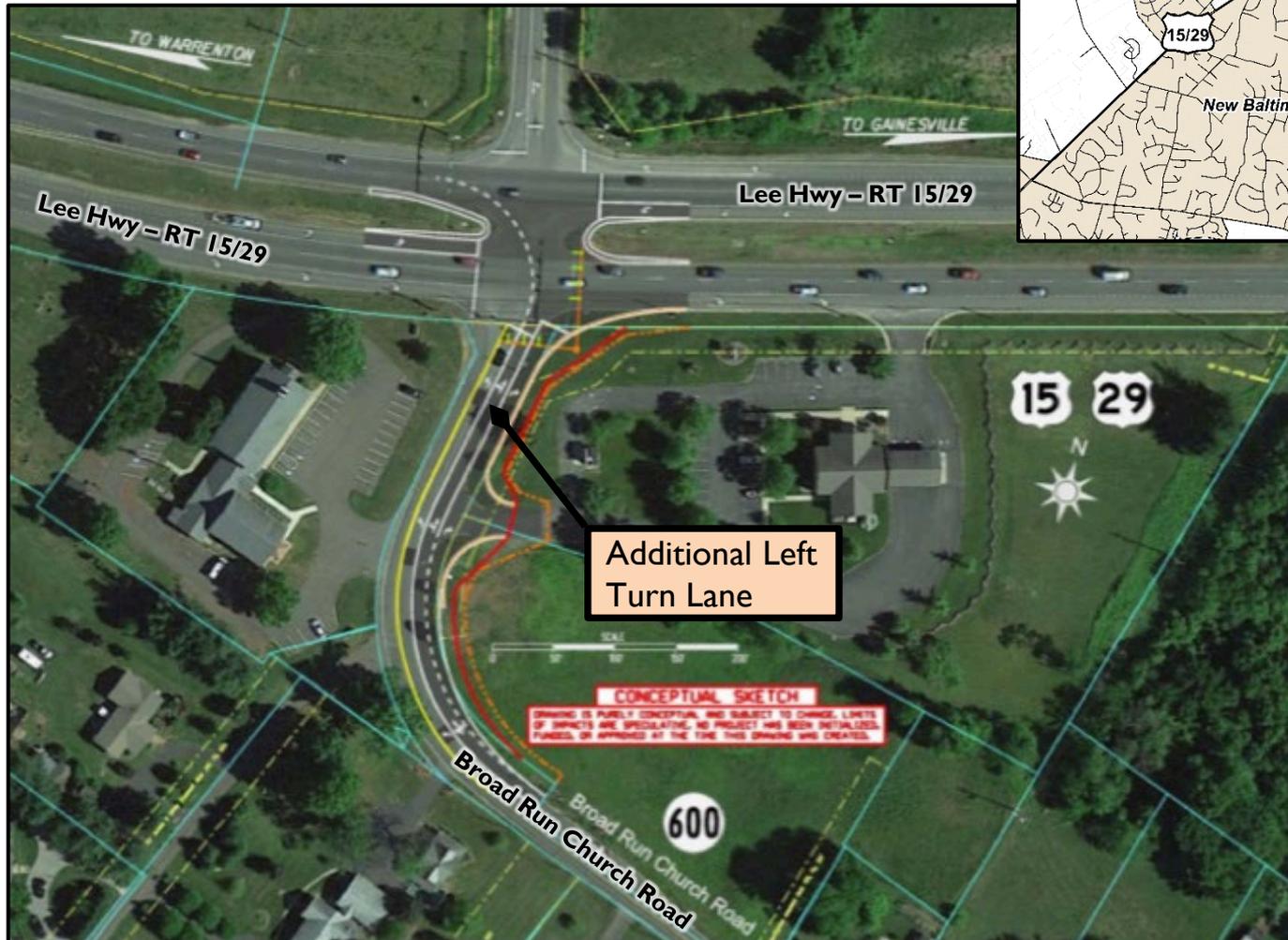
- The project will add a second right turn lane on Route 215
- Top PSI intersection in Fauquier County
- Total Cost: \$850,000
- Adds capacity to intersection



Additional Right Turn Lane

# County Project #3: Route 29 & Broad Run Church Road (Route 600) Dual Left Turn Lanes

- Project adds an additional west bound (WB) left turn lane on Route 600
- Total Cost: \$2,750,000
- Improves safety & operational performance



# County Project #4: Route 17 & Covington's Corner Road R-CUT

- The project converts the 4 leg two-way stop controlled intersection to an R-CUT
- Total Cost: \$6,250,000
- Estimated Reduction in Crashes: 82%

