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## 2025-2028 TIP Amendment: TRAFFIC SIGNAL AND CROSSWALK IMPROVEMENTS

October 25, 2024



# Traffic Signal and Crosswalk Improvements



## Amendment Purpose

- To add a new project to the 2025-2028 Transportation Improvement Program
- Project must be included in TIP to receive NEPA approval
- Howard County is requesting federal funding (90%) for construction
- Funding through a Highway Safety Improvement Program (HSIP) grant of \$1,282,500
- Engineering and design work is fully funded by Howard County
- Design is 95% complete

# Traffic Signal and Crosswalk Improvements



## Project Locations

1. Cedar Lane & Freetown Road
2. Cedar Lane & Owen Brown Road
3. Broken Land Parkway & Cradlerock Way South
4. Harpers Farm Road & Beaverkill Road
5. Long Gate Parkway & Wheatfield Way



- Intersections include Minor Collectors, Arterials, and Local Roads bridging trip-generating commercial and residential uses

# Traffic Signal and Crosswalk Improvements



## Project Scope

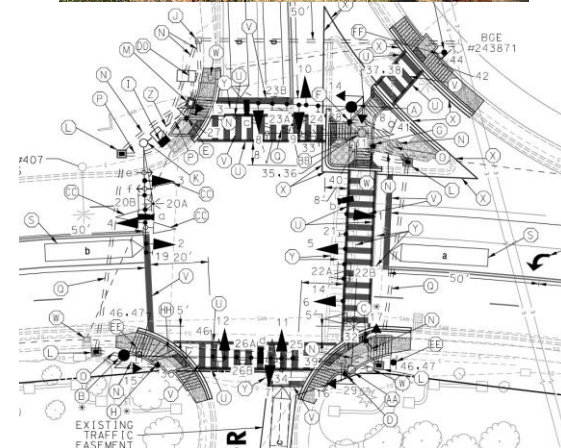
- Complete reconstruction of traffic signal infrastructure at these intersections
- Upgrade and add new crosswalks with accessible and audible pedestrian pushbuttons (APS) and countdown pedestrian signal heads (CPS) with traffic pole-mounted LED streetlights
- Install 12" vehicular signal heads with backplates and retroreflective borders
- Reconstruct sidewalk ramps to current ADA standards
- New traffic poles with upgraded signing and pavement markings improvements
- Signal Phasing Improvements to improvement operations at intersection
- No additional vehicle lanes will be added as part of this project

# Traffic Signal and Crosswalk Improvements



## Project Schedule

- Design
  - Cedar Ln at Owen Brown Rd (Complete)
  - Cedar Ln at Freetown Rd ~ 95%
  - Broken Land Pkwy at Cradlerock Way S ~ 95%
  - Harpers Farm Rd at Beaverkill Rd ~ 95%
  - Long Gate Parkway at Wheatfield Way ~ 30% (easements required for placement of traffic poles)
- NEPA Approval – Complete (July 2024)
- ROW & Utility Certification – Pending
- Construction – Summer 2025



# For More Information

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**David Cookson** | Deputy Administrator, Howard  
County Office of Transportation

410-313-4312 | [dcookson@howardcountymd.gov](mailto:dcookson@howardcountymd.gov)

