

Route 23 Sussex Borough realignment Intersection upgrades

The following improvements will be made at each intersection location.

Route 23 and Lower Unionville Road

- Route 23 northbound (Hamburg Ave) exclusive thru and right turn lanes
- Route 23 southbound exclusive left turn (with protected signal phase left turn arrow indications) and thru lanes with a signalized channelized right turn lane
- Lower Unionville Road exclusive left and right turn lanes with protected signal phases (right and left turn arrow indications)
- Upgraded traffic signal equipment conforming to latest MUTCD and NJDOT standards including upgraded intersection lighting, pedestrian pushbuttons, countdown pedestrian signal indications, LED indications (improved energy efficiency), crosswalks, handicap ramps and updated signing
- Image detection cameras on each approach and updated traffic signal timing to provide improved traffic flow through the intersection.
- Battery back-up for traffic signal installed in controller cabinet
- Mast arm street name signs

Route 23 northbound and Route 284

- Upgraded traffic signal serving one lane on Route 23 northbound for thru & right turning traffic
- One lane on Route 284 for right turn or thru access to private driveway
- Signalization of driveway to reduce conflict points and provide gaps in the traffic stream for exiting vehicles
- Upgraded traffic signal equipment conforming to latest MUTCD and NJDOT standards including upgraded intersection lighting, pedestrian pushbuttons, countdown pedestrian signal indications, LED indications (improved energy efficiency), crosswalks, handicap ramps and updated signing
- Image detection cameras on each approach and updated traffic signal timing to provide improved traffic flow through the intersection.
 - Battery back-up for traffic signal installed in controller cabinet
 - Mast arm street name signs

Route 23 and Loomis Avenue

- Route 23 northbound (Hamburg Ave) exclusive lanes for left turn, thru and right turn movements with protected signal phases (right and left turn arrow indications)
- Route 23 southbound (Mill Street) exclusive thru and right turn lanes
- Loomis Avenue exclusive left and right turn lanes with protected signal phases (left turn arrow indications)

- Upgraded traffic signal equipment conforming to latest MUTCD and NJDOT standards including upgraded intersection lighting, pedestrian pushbuttons, countdown pedestrian signal indications, LED indications (improved energy efficiency), crosswalks, handicap ramps and updated signing. Pushbuttons proposed for all crossings to allow pedestrian actuation across all legs of intersection due to school crossing.
- Image detection cameras on each approach and updated traffic signal timing to provide improved traffic flow through the intersection.
- Battery back-up for traffic signal installed in controller cabinet
- Mast arm street name signs

All of the improvements made at the intersections of Route 23 and Route 284 and Route 23 and Loomis Avenue are being coordinated for improved progression along Route 23 northbound.