



ESSEX COUNTY

Traffic Signal Improvement Projects (37 Intersections)

PROJECTED COST: \$41.9 million

LOCATION: Key corridors including Bloomfield Avenue, John F. Kennedy Parkway/S. Livingston Avenue, South Orange Avenue, and Sanford Street/Avenue in Caldwell, West Caldwell, Verona, Belleville, Irvington, Livingston, East Orange, and Newark.

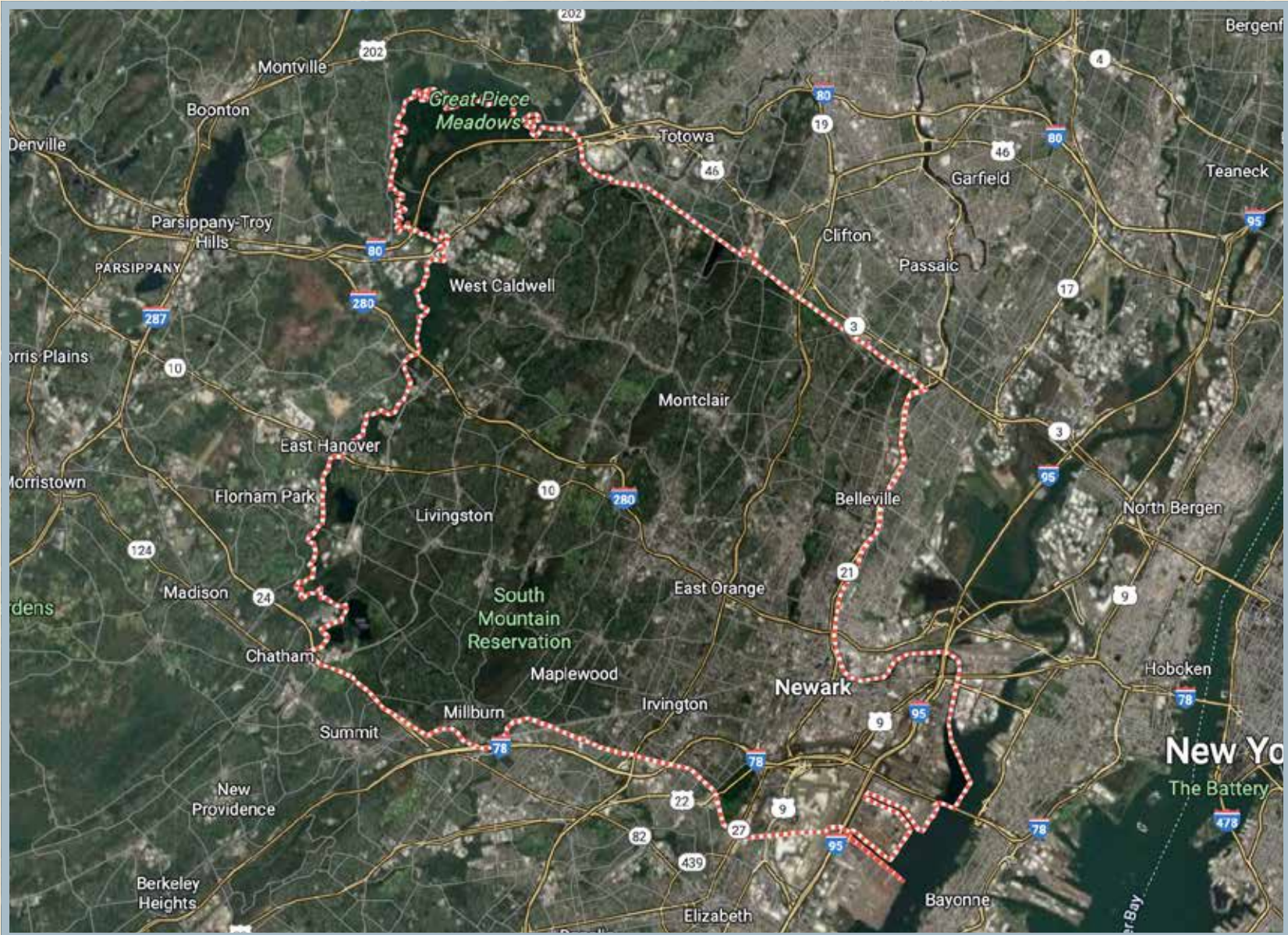
PROJECT DESCRIPTION: Essex County applied to the NJTPA to fund various traffic signal improvements. Two projects are being funded focused on 18 intersections north of Interstate 280 (I-280) and 19 intersections south of I-280. Combined, the projects include installing four new traffic signals, upgrading 33 signals, implementing leading pedestrian



Top: Existing condition at Bloomfield Avenue and Park Place in Verona. **Above:** Existing condition at John F. Kennedy Parkway/S. Livingston Avenue and West Hobart Gap Road in Livingston.

intervals and all-pedestrian phases, realigning high-visibility crosswalks, installing pedestrian refuge islands at select locations, upgraded signs and pavement markings. These enhancements aim to reduce crashes and create safer, more predictable crossings for people walking, biking, and driving.

ABOUT THE PROJECT AREA: The corridors included in this project have been identified as some of the highest-priority locations for safety improvements in Essex County on the New Jersey Department of Transportation’s 2023 Network Screening List and the selected intersections have a documented history of crashes and safety concerns. Combined, the intersections in the two projects had 2,016 crashes between 2017 and 2021, including two fatalities, 13 suspected serious injuries and 59 pedestrian-involved crashes.



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