

PP-129-002 Intersection Improvements at Route 190 and Route 83 in the Town of Somers



Project Background: Route 190 at Route 83 is an intersection located in the historic village section of the Town of Somers. Route 83 is offset roughly 70 feet at this intersection creating awkward turning movements and interlocking patterns. Congestion at this intersection has been a known problem. For safety purposes, the north and south movements were split into separate phasing during the latest signal replacement project. Additionally, the geometrics of the road make it difficult for large vehicles to turn right onto Route 83 South, leading to off tracking and encroachment into opposing lanes of traffic.

Project Purpose: The purpose of this project is to relieve congestion and improve large vehicle movements through the intersection while maintaining the improved safety accomplished by the splitting of the northern and southern approaches.

Please Note: This is a conceptual proposal. No project funding, design schedule or construction schedule has been assigned yet.

Roundabout Design Option

Realignment of the northbound Route 83 approach to remove intersection offset and construction of a modern roundabout. The realignment of Route 83 and associated grading would affect several properties, most notably the parking area of the Lord Somers Center Shoppes and Offices, and the structure at 588 Main Street. No structure work on the bridges south and north of the intersection is anticipated. A roundabout at this location would greatly improve traffic operations and act as a safety measure as roundabouts have a proven record of controlling speed and reducing serious crashes.

Traffic Signal Design Option

Realignment of the northbound Route 83 approach to remove the intersection offset and installation of a new traffic control signal. The realignment of Route 83 and associated grading would affect several properties, most notably the parking area of the Lord Somers Center Shoppes and Offices, and the structure at 588 Main Street. No structure work on the bridges south and north of the intersection are anticipated. A traffic signal with turn lanes at this location would improve traffic operations with the realignment relieving safety concerns which necessitated split phasing.

