CR 93 Corridor Management Plan
Project Scope

INTRODUCTION

The project includes an assessment of current conditions, estimates of future growth, and the development of project and policy recommendations to address future conditions. The recommendations will include typical roadway characteristics, recommended intersection configurations, safety and traffic flow improvements as well as pedestrian, bicycle and transit improvements. In addition, recommendations regarding the intensity and design of future land use development in this portion of the Town of Wappinger will be included.

STUDY AREA

The study area includes the four and a half mile segment of CR 93 (Myers Corners Road) between NYS Routes 9D and 376 and approaches on all intersecting roads in the Town of Wappinger, Dutchess County, New York. CR 93 is a County road that is under the jurisdiction of the Dutchess County Department of Public Works. While the entire corridor is to be analyzed, it is expected that most of the recommendations will be for the section between US 9 and CR 94 (All Angels Hill Road), which has the greatest development potential and is the most traveled section of the corridor.

SCOPE

- CONDUCT FIELD RECONNAISSANCE OF THE STUDY AREA
  - Review Existing Data and Studies as provided.
  - Conduct Peak Hour Turning Movement Counts at key intersections.

- STUDY EXISTING CONDITIONS
  - Identify roadway and intersection deficiencies related to traffic congestion and vehicle/pedestrian safety.
  - Conduct a level of service/capacity analysis and vehicle queuing analysis for up to 25 intersections.
  - Using collision data, prepare linear crash diagrams for the corridor and a report comparing rates along the corridor and against similar facilities as well as a safety analysis for up to six high crash rate locations. These analyses should include all collisions (bicycle and pedestrians as applicable).

- ANALYZE CORRIDOR BUILD-OUT AND CAPACITY
  - Prepare a capacity analysis/micro-simulation for build out under existing zoning.
  - Prepare and evaluate a corridor build-out and capacity analysis/micro-simulation for the year 2020 considering the Draft Town Comprehensive Plan, sub-division regulations, and zoning ordinance.

- DEVELOP POTENTIAL IMPROVEMENT STRATEGIES
  - Develop a series of transportation-related strategies/actions to mitigate significant identified operational and safety deficiencies on the CR 93 corridor. They should be based on existing conditions and conditions in 2020.

- In addition, for key intersections or roadway segments with operational, safety, or other issues, identify growth/traffic management strategies or techniques that could be implemented to address future concerns. Management techniques may include access management (turn restrictions, consolidation), capacity improvements (adding lanes, various lane/turning configurations, turning lane capacity expansion), roundabouts and signalization.
- Identify zoning/land use changes that address key concerns.

- DEVELOP A CORRIDOR MANAGEMENT PLAN
  - Based on the Advisory Committee Review Process, public input, and the Strategies prepared, a consensus-built comprehensive CR 93 Corridor Management Plan will be developed for implementation. The Plan will include implementation strategies for the best alternatives, including zoning/land use changes, roadway improvements, signalization modification and/or improvements, access management, and bicycle/pedestrian/transit improvements. Right of way needs (based on planning-level information) will be identified and budget-level cost estimates will be developed as part of the implementation strategies.