



# Reconstruction of Fay Road and Onondaga Boulevard Intersection

OWNER: *Onondaga County Department of Transportation*

COMPLETION DATE: *2004*      CONSTRUCTION COST: *\$1,500,000*



This 5-leg intersection was reconfigured with turn lanes for all approaches. Curbed islands eliminated the "free for all" access to parking lots.



The profile was raised, the median was removed, and the horizontal and vertical alignments of the spur were improved.

## PROJECT DESCRIPTION

This highway project included the reconstruction of 1.3 km of Fay Road (C.R. 39) in the Town of Onondaga. Work included roadway reconstruction and overlay, shoulder widening, major drainage improvements, a reconfigured 5-leg intersection with signalization, and extensive utility relocations. 600 m of Onondaga Boulevard was also rehabilitated. At the west end of the project, the profile of Fay Road was raised, the wide median was removed, and the vertical and horizontal alignments of the spur road were greatly improved. Drainage improvements on the adjacent NYSDOT Route 173 project caused an increase in storm water introduced into the Fay Road drainage system. The NYSDOT provided a detention basin, and incorporated the County design of this section of roadway into the Route 173 project to alleviate the problem.



This detention basin provided a solution to the increased runoff from the NYS Route 173 project at the west end.



The existing deep scoured ditches along the steep roadside grade were replaced with closed systems