

# JEWETT STREET OVER BEAVER BROOK

ANSONIA, CONNECTICUT



CLIENT:	CITY OF ANSONIA - ENGINEERING DEPARTMENT
DATE OF COMPLETION:	2003
PROJECT COST:	\$1,250,000
SERVICES PROVIDED:	CONCEPTUAL PLANNING   TOPOGRAPHIC SURVEY   SITE AND CIVIL DESIGN HYDROLOGIC & HYDRAULIC ANALYSIS   DRAINAGE DESIGN   INSPECTIONS CONSTRUCTION DOCUMENTS   FEDERAL, STATE, LOCAL PERMITTING CONSTRUCTION ADMINISTRATION   INSPECTIONS

This project involved the topographic survey, design and construction documents preparation for a two lane urban collector bridge and its approaches. Also included were wetlands delineation and permit, Federal Emergency Management Agency (FEMA) study of upstream conditions (a small dam lies 4 meters upstream of bridge) and downstream conditions (the brook flows under a manufacturing facility 15 meters downstream), geotechnical engineering and property (taking) map preparation.



The FEMA study had to be performed to correct deficiencies in the original study which failed to consider the dam. The project, which originally was only a bridge replacement with precast concrete box culverts, was enlarged to reconstruct 90 meters of roadway and to remove the dam and create a landscaped channel through the silted impoundment so as to be conducive to fishing and passive recreation.



\*This project is illustrative of staff's experience prior to Stadia Engineering Associates, Inc.