PROJECT GOAL: In partnership with NYSDEC, NYSDOS and USGS, develop regional hydrologic curves and regional channel-geomorphic characteristics at bankfull discharge for streams of New York State by physiographic region and by Rosgen stream type to help define stable reach characteristics for use in Department highway and bridge construction and maintenance projects, and stream channel restoration and mitigation projects.

ANTICIPATED WORK PRODUCTS AND ACCOMPLISHMENTS: Summaries of channel geometry and hydrology data for analyzed stations, and regional stream channel hydraulic geometry models will be published as annual or semi-annual reports and will be available on the USGS New York District web site. The first regional report will require 12 to 16 months for review, revisions, layout and printing. Additional reports for each region will follow on a similar schedule, about 1 each year.

DURATION: 5 years; Anticipated start date - April 2002

TOTAL FUNDING: $1,484,700 of which NYSDOT contributes $250,000 over five years. Other funding contributors are NYSDEC, NYSDOS, and USGS

RESEARCH GROUP: USGS (United States Geological Survey)

NYSDOT PROJECT MANAGER: Steve Radzyminski, Environmental Analysis Bureau