

CHARLES S. HOLT

EDUCATION

B.S.C.E., Civil Engineering, Villanova University, 1999

AREAS OF EXPERTISE

Mr. Charles S. Holt is a Project Engineer at TRC and has seven years of experience encompassing:

- Traffic Engineering Studies
- Traffic Planning Studies
- Parking Studies
- Environmental Impact Statements

REPRESENTATIVE EXPERIENCE

TRAFFIC ENGINEERING STUDIES

New Jersey Department of Transportation, Traffic Impact Studies and Highway Access Plans Review – Statewide, NJ (Project Engineer: 1999-2006)

Mr. Holt is responsible for the review of Traffic Impact Studies and Highway Access Plans for developments seeking access along the New Jersey State Highway System. The project's purpose is to ensure that the proposed developments have access, which conforms to State Standards as well as sound engineering principles.

Novartis Pharmaceuticals Corporation, Traffic Engineering Services - East Hanover, NJ (Project Engineer: 2004-2006)

Mr. Holt was the Project Engineer of Traffic Engineering Services for a 1.5 million s.f. Corporate Campus Master Plan Expansion. Services include preparation of studies for entire complex and its various stages, and development of plans for specific Highway Improvements required to mitigate the impacts of the project on the surrounding roadway network. All projections and analysis were prepared in accordance with NJDOT requirements.

North Avenue Corridor, Traffic Engineering Services - New Rochelle, NY (Project Engineer: 2003-2004)

Mr. Holt was the Engineer of Traffic Engineering Services in the preparation of a Corridor Study of North Avenue in the City of New Rochelle, NY. The Study encompassed a seven-signalized intersection section from Fifth Avenue to Eastchester Road in conjunction with proposed road widening for review of methods to improve traffic circulation and increased safety. Mr. Holt analyzed Year 2013 conditions utilizing Synchro software.

The Shops at Riverside, Traffic Engineering Services - Hackensack, NJ (Project Engineer: 2003-2006)

Mr. Holt was the Engineer of Traffic Engineering Services for the expansion of a 600,000 sf regional shopping center. His services included preparation of studies for entire complex and its various stages, and development of plans for specific Highway Improvements required to mitigate the impacts of the project on the surrounding roadway network. All projections and analysis were prepared in accordance with NJDOT requirements.

Bowline Power Plant, Traffic Engineering Services - Haverstraw, NY (Project Engineer: 1999-2002)

Mr. Holt was the Engineer of Traffic Engineering for the preparation of an Article X Application for Unit 3 of the Bowline Site. Traffic studies included traffic counting surveys, volume projections, and detailed analysis at various intersections. Mr. Holt studied existing conditions and provided probable impact and solutions for construction and operation projections. Mr. Holt has also been the Engineer on Traffic Engineering for additional Power Plants in New York, as well as in Massachusetts, Maryland and Georgia.

Hadley Center, Traffic Engineering Services - South Plainfield, NJ (Project Engineer: 2002-2005)

Mr. Holt was the Project Engineer of Traffic Engineering Services for the development of a 240,000 sf shopping center in conjunction with an existing 250,000 sf shopping center. His services included preparation of various studies, as well as modifications to traffic signal timing/phasing and the implementation of roadway improvements.

TRAFFIC PLANNING STUDIES

Village of Pelham, Traffic Planning Studies - Pelham, NY (Traffic Engineer: 2003-2004)

Mr. Holt was the Traffic Engineer of Traffic Planning Studies for the Village of Pelham to improve vehicular and pedestrian safety in the vicinity of a school, as well as the surrounding neighborhoods. Mr. Holt recommended traffic calming measures and pedestrian improvements.

Village of Nyack, Traffic Planning Studies - Nyack, NY (Project Engineer: 2002-2006)

Mr. Holt was the Engineer of Traffic Planning Studies for the Village of Nyack, New York. His services included the field investigations of various locations throughout the Village to determine the most effective forms of Traffic Calming Measures to be implemented at each location. Based upon TRC's recommendations, different forms of traffic calming implemented throughout the Village included speed humps, curb extensions and chicaning of parking.

Novartis Pharmaceuticals Corporation, Traffic Engineering Services - East Hanover, NJ (Project Engineer: 2004-2006)

Mr. Holt was the Project Engineer of Traffic Engineering Services for a 1.5 million s.f. Corporate Campus Master Plan Expansion. His services included preparation of studies for

entire complex and its various stages, and development of plans for specific Highway Improvements required to mitigate the impacts of the project on the surrounding roadway network. All projections and analysis were prepared in accordance with NJDOT requirements.

PARKING STUDIES

Pace University, Traffic Engineering Services - Pleasantville, NY (Project Engineer: 1999-2001)

Mr. Holt was Engineer of Traffic Engineering Services of various parking studies to determine existing parking accumulation and location, as well as to determine future parking projections. His services included projection of short-term and long-term needs, as well as modifications to parking areas.

Iona College, Parking Studies - New Rochelle, NY (Project Engineer: 2003-2004)

Mr. Holt was the Project Engineer in the performance of parking studies to determine the existing parking patterns and locations on the campus throughout the day. His services also included projections of future parking needs in conjunction with the College's Master Plan.

The Shops at Riverside, Parking Studies - Hackensack, NJ (Project Engineer: 2003-2006)

Mr. Holt was the Engineer in the performance of parking studies in conjunction with various expansions to the regional shopping center.

ENVIRONMENTAL IMPACT STUDIES

Lighthouse Landing, Traffic Engineering Services - Sleepy Hollow, NY (Project Engineer: 2003-2006)

Mr. Holt was Engineer of Traffic Engineering Services for the preparation of an Environmental Impact Statement for the proposed Lighthouse Landing mixed-use development to include 1,500 residential units, 200,000 s.f. of retail and a 150-room hotel. His services included surveys at 27 locations, development of a Gravity Model Distribution, and preparation of detailed Concept Plans for identified mitigation to offset any project-related impacts to the adjacent roadway network.

PROFESSIONAL AFFILIATIONS

- Institute of Transportation Engineers