

Wesmont Train Station, Wood-Ridge, New Jersey



GTS Consultants is preparing detailed topographic, right of way, and utility survey of a section of the New Jersey Transit Bergen Line in Wood-Ridge, NJ.

Wesmont is a new passenger railroad station planned for local access to NJ Transit passenger service to New York City. The station is adjacent to and partially within the old Curtis-Wright facility which is being redeveloped into a mixed-use residential, retail, office, and industrial complex in the heart of Bergen County. The new station will be constructed as part of a transit oriented village which will revitalize the neighborhood and generate new tax ratables for the municipality.

The location presents a complex set of challenges including a new station of a curved track alignment, maintaining existing passenger rail service on the Bergen Line throughout construction, and coordination with local aspects of the development.

In order to address design elements, GTS will provide detailed alignment and super-elevation rates for the existing tracks, top of rail and tie elevations, siding switch and frog locations, and critical clearances to the existing railroad equipment and signal sign bridge. Horizontal and vertical control were developed from GPS observations and prepared in the North American Datum of 1983 (NAD'83) and the North American Vertical Datum of 1988 (NAVD'88) to meet project specific requirements.