

NYS Thruway Provides Real-Time Data to Improve Traffic Flow

Our firm was retained by the NYS Thruway Authority to provide Engineering Services for the project. The project is over 100 miles long, and covers the installation of ITS devices on the NYS Thruway, New England Thruway, and Garden State Parkway Extension.

The ITS Devices improved the Thruway's ability to provide timely information to motorists. In addition, the system assists in the timely detection of incidents and accidents, and improves on the time required to clear them by using automated real-time travel signs.

A detailed technical drawing of a truss structure, likely for an ITS device. The drawing includes a plan view (top) and an elevation view (bottom). The plan view shows the truss span, chord splice, horizontal strut top and bottom at each end of the truss section, and horizontal diagonal. The elevation view shows the truss section, chord splice, horizontal strut top and bottom at each end of the truss section, and horizontal diagonal. The drawing also includes dimensions and labels for various components, such as 'CHORD SPICE', 'HORIZONTAL STRUT TOP AND BOTTOM AT EACH END OF TRUSS SECTION (TYP.)', 'HORIZONTAL DIAGONAL (TYP.)', 'TRUSS SECTION (TYP.)', 'CHORD SPICE AT EACH INTERIOR PANEL POINT (TYP.)', 'POSTS AND FOUNDATION CROSS BRACE AT EACH INTERIOR PANEL POINT (TYP.)', 'VERTICAL DIAGONAL (TYP.)', 'WIRE INLET (TYP.)', 'LEFT TRUSSED POST (TO & CLOSEST POST) SEE TABLE OF OFFSET CODES (TYP.)', 'TRUSS SPAN', 'RIGHT TRUSSED POST (TO & CLOSEST POST) SEE TABLE OF OFFSET CODES (TYP.)', 'MIN. CLEARANCE (FEET)', 'XL (TO BOTTOM OF BASE PLATE) SEE NOTE 3)', and 'XR (TO BOTTOM OF BASE PLATE) SEE NOTE 3)'. The drawing is labeled 'END ELEVATION NOT TO SCALE' and 'ELEVATION LOOKING UPSTATION NOT TO SCALE'.

Installation of ITS Devices in NY Division
Various Locations in the New York Division

A photograph showing a construction worker in a hard hat and safety vest working on a truss structure. The worker is positioned on a wooden platform, and the truss structure is made of metal beams and wires. The background shows a construction site with dirt and other structures.

A photograph showing a highway overpass with a large ITS device installed on it. The device is a large, rectangular structure with a metal frame. The highway below has several lanes of traffic, and the surrounding area is wooded.

A photograph showing a construction site with a large crane. The crane is a lattice boom crane, and it is lifting a large, rectangular structure. The site is surrounded by trees and other construction equipment.

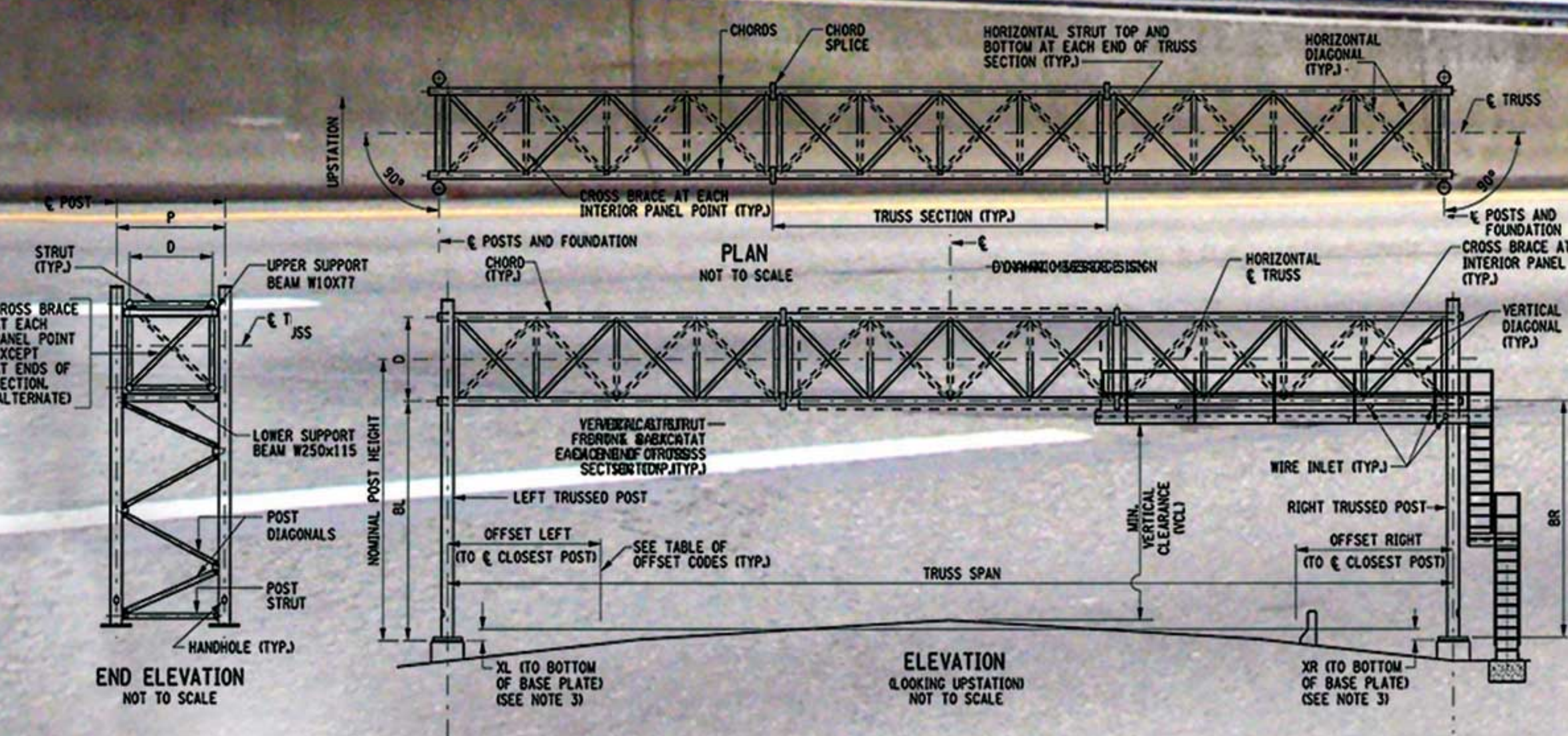
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Client:
NYSTA
Albany, NY

The logo of the New York State Thruway Authority. It is a circular logo with the text 'NEW YORK STATE' around the top and 'THRUWAY AUTHORITY' around the bottom. In the center is a map of New York State.

Entrant:
KSE
KS Engineers, P.C.
New York City, NY

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