Route 245 Replacement Bridge Project in Yates County

Ten sections of precast concrete span units, each 40'-0" span by 10'-0" rise, and ten invert slab units were all set in one day. Each piece was cast to accommodate a 30 degree skew.

The project was designed "in house" by the New York State Department of Transportation, and was in full conformance with the Prestressed Concrete Construction Manual, published by NYSDOT Structures, Design and Construction Division. Concrete design strength was 6500 psi, but Jennifer French at Lakelands reported breaks in the 7000 psi range. Thanks also to Todd Clarke President, Lakelands Concrete Products for submitting this project.
Route 245 Replacement Bridge (continued from page 1)

Setting invert slab units on prepared, compacted subgrade
Setting first 3-sided culvert unit on invert slab units

Newton Road Arch Culvert, Town of Orchard Park, NY

It only took 6 hours to install 8 sections of precast arched culvert, each 6’ wide x 36’-0” span x 8’ rise, the two attached precast headwalls, and 4 precast wingwalls. The two end culvert sections were cast with skewed ends to ease the road alignment. Project credits: engineer: Nussbaumer & Clarke, Inc.; contractor: CATCO; owner: Erie County DPW; precaster: Kistner Concrete Products, Inc. Thanks to Mike Kistner for this story.
Construction is still progressing on the I-287 Exit 8 Interchange, scheduled to be opened by the end of 2012; the entire project is projected to be completed in August of 2013. Oldcastle Precast Inc., Avon, CT, began shipping 47 precast rigid frame sections on July 2 of this year, and installation was completed in 7 days.

Project Credits: Owner – NYSDOT; Contractor – ECCO III, Yonkers, NY; Producer – Oldcastle Precast, Avon, CT

Welcome to Haarup North America and Suzanne Runion, Director of Operations, our newest Associate Member Co.

Haarup is a worldwide supplier of counterflow mixers, complete plants as well as modernizations, optimizations and machinery for the concrete industry. Haarup develops and produces quality batching and mixing plants. The enhanced service includes an American-based comprehensive stock of mixer gearboxes, skip hoist bucket, casted wear plates, and all vital spare parts for customers mixing and batching equipment. You can find contact information on our website under Associate Members.
Important MEMO to avoid a contractual payment problem for local government and non-profit sponsors on local projects which have qualified for Federal Aid Funding (Locally Administered Federal Aid Projects)

Contractors need to be aware that Federal and State Requirements have to be followed for Locally Administered Federal Aid Projects (any project receiving any amount of Federal Aid Funds). Therefore, Precast Manufacturers supplying materials on a project receiving Federal Aid Funds must be on the NYSDOT’s PRECAST CONCRETE MANUFACTURERS APPROVED FOR QC/QA PRODUCTION List. (available at: https://www.dot.ny.gov/divisions/engineering/technical-services/technical-services-repository/alme/pages/771-1.html)

A two-page memo on this subject has been mailed to major NYS Contracting Organizations, and is available by contacting PCANY.

The local entity sponsoring the contract should flag any non-listed sponsors as not being acceptable, if they are proposed for use by the contractor. This requires informed involvement of the Region’s RPL (Regional Local Project Liaison).