

ORANGE COUNTY TRANSFER STATION #1

Transfer/Materials Recovery Facility Design and Permitting Services

October 2007 – November 2009

Project Manager: Andrew Schellberg

Client Contact: Peter S. Hammond

Cornerstone is provided design and development services for the Orange County Department of Public Works, Division of Environmental Facilities and Services' new transfer station/materials recovery facility (MRF) in Goshen, NY. The facility includes a 15,000 square foot (sq ft) transfer station building, and an 8,000 sq ft recyclables handling pavilion.

Cornerstone performed an in-depth design evaluation of the proposed facility, optimized the previously proposed facility design, and provided fast-track development of detailed construction bid documents. Cornerstone's construction phasing plan allowed the County to continue existing site operations during construction of the recently completed facility.

Cornerstone's services include:

- Optimization of facility design and operational layout
- Design revisions for:
 - Transfer station building and recyclables handling pavilion
 - Residential drop-off area
 - Leachate and stormwater management systems
 - Site utilities
 - Vehicle travel corridors
- Construction Bid Documents consisting of:
 - Detailed construction drawings
 - Technical specifications
 - Engineering cost estimate
- Construction support services consisting of:
 - Project management and oversight
 - Review of shop drawings and payment applications
 - Construction Certification

The County began operations in the new facility in November 2009.

During this project, Cornerstone designed and developed:

- *Design revisions to transfer station building and recyclables handling pavilion*
- *Construction bid package*
- *Optimization of transfer station on-site access routes*
- *Extensive site grading and stormwater management designs*
- *Site utilities layout*
- *Solid waste throughput and storage capacity analyses*
- *Geotechnical Investigation and Foundation Report*



For more information call (877) 294-9070 or email info@cornerstoneeg.com