



Jefferson County

TRANSFER FACILITY

The Jefferson County solid waste transfer facility receives an average of 32,000 tons of waste annually from individual, commercial, and municipal haulers. The facility also handles paper, plastic, cardboard, newspaper, metal, and glass recyclable items. Receiving, handling and organizing all of these items from such a wide array of users can be complicated. The waste may be delivered in a pickup truck or from a 50 yd trailer, but it all needs to be efficiently transferred to the County's hauling vehicles to keep the operation running smoothly.



To aid in the process of waste transfer and to better comply with NYS Department of Environmental Conservation regulations, the County retained Bernier Carr & Associates to begin design of a new solid waste transfer building. The building was to be large enough to accommodate the largest dump vehicles that use the facility. This would require a building higher and longer than the existing transfer buildings. Complete containment of the dump vehicle during transfer would prevent the disbursement of waste debris on the site and ensure compliance with NYS DEC. With direct input from County administration, Superintendent of Buildings and Grounds, Superintendent of Highways, and facility operators and managers, the building was designed to be durable and efficient for the larger haulers. With the availability of the new building for commercial and municipal haulers, the existing transfer building can be used by the individual users. This will provide for contained transfer of waste, when this currently occurs outdoors with individual users.



The building is approximately 120' x 80' and is over 50 feet high at the front entrance and includes approximately 1000 cubic yards of concrete for the foundations. The front entrance can be closed by the 45 feet high by 60 feet wide bi-fold hangar door. A pedestal mounted material handler allows for distribution of the waste in the County's haul trailer without interruption of operations on the dumping floor of the building. The material handler will also allow the facility operator to separate materials that do not belong in the waste into nearby containers. The total project cost was \$1.6 million.

