

# Replacement of Bridge L-04, Warbasse Junction Road (CR 663) over Paulins Kill

Township of Lafayette | Sussex County, NJ



Van Cleef was contracted by Sussex County for Construction Management and Inspection for the Replacement of Sussex County Bridge L-04. The work performed under this Contract for the Replacement of Sussex County Bridge L-04, Warbasse Junction Road (County Route 663) over Paulins Kill.

- ✔ Removal and disposal of the existing single span steel girder bridge and existing substructure.
- ✔ Construction of the concrete substructure on cast-in-place reinforced concrete piles.
- ✔ Construction of permanent sheeting and riprap to protect the substructure.
- ✔ Construction of the steel girder superstructure with composite concrete deck, concrete parapets, concrete curb, 4-bar steel bridge rail and concrete bridge approach.
- ✔ Reconstruction of drainage including inlets, headwalls, reinforced concrete pipe, and matrix concrete conduit outlet protection.
- ✔ Reconstruction of approach roadway pavement, guide rail and other incidental items of work.

This bridge project required removal and disposal of the existing single span steel girder bridge and existing substructure.

Construction of the concrete substructure on cast-in-place reinforced concrete piles. Construction of the steel girder superstructure with composite concrete deck, concrete parapets, concrete curb, 4-bar steel bridge rail and concrete bridge approach.

## CLIENT CONTACT

Sussex County  
Engineering Department  
Newton, NJ

## PROJECT HIGHLIGHTS

- ✔ NJDOT Clients- Local Aid & Sussex County
- ✔ Superstructure Concrete Deck
- ✔ Pile Driving
- ✔ Retaining Walls
- ✔ Roadway Construction
- ✔ ADA Improvements
- ✔ Road Safety Improvements
- ✔ Utility Relocation
- ✔ MPT Plans
- ✔ Soil Erosion/Sediment
- ✔ Concrete Abutments