ERIE STREET CULVERT REPLACEMENT | Lancaster, NY

Design and Construction Phase Services

Erie Street Culvert (Before and After) Construction

DiDonato Associates provided design and construction phase services for the replacement of the existing 20’ wide by 10’ high cast-in-place concrete on Erie Street in the Town of Lancaster, NY.

The project consisted of removing the existing cast-in-place concrete structure. The structure was replaced with a 10’ wide by 5’ high pre-cast culvert. The utility pole located on top of the structure was relocated to the east approach. Utilities previously buried within the structure’s backfill were replaced. Stormwater discharges previously piped into the Creek were maintained. However, outfall protection was provided.

For the driveway located on the east side of the downstream face, temporary excavation shoring was utilized during construction. Traffic was detoured so the roadway was closed during construction.

Client:
Town of Lancaster

Client Contact:
Edward Schiller, PE
Town Engineer
(716) 683-5961
eschiller@wmschutt.com

Completion Date:
2020

Engineers Estimate:
$469,435

Bid:
$399,500

Final Cost:
$402,955

Key Personnel:
John DiDonato, PE-PIC
James Frick, PE-QA/QC
Jeffrey Blank, PE-PM
William Ratka, PE-Sr. Civil Engineer
Pradeep Simlote, EIT-Sr. Environmental Engineer
Vince Makowski, EIT-Design Engineer

Team:
DiDonato – Prime
Atlantic Testing Laboratories – Geotechnical

Contractor:
EdBauer Construction

DiDonato Associates