

Confidential Municipal Client

Town-Wide Culvert Mapping and Inspection Program

Project Description

For a Massachusetts community, Coneco is in the process of completing a Town-wide stormwater culvert mapping and inspection program. This program is being conducted to prioritize those culverts that are in the greatest need of repair/replacement to assist the Town in allocating capital funding.

Coneco has worked closely with the Town to create a ranking system that is being applied to each inspected culvert. Using this system, which considers many culvert structural components and stream conditions, and as a result of Coneco's inspection program, the Department of Public Works is developing a prioritized maintenance program to repair or replace those culverts that are in the greatest need of improvement.

To date, Coneco has completed the inspection and mapping of approximately 150 stormwater drainage culverts throughout this community. This has included field inspections by a single, dedicated Massachusetts Registered Professional Engineer for all accessible culverts. To inspect submerged culverts, Coneco employed a diver to conduct a video inspection and structural assessment under the direction of our engineer.



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