## **Lower Makefield Township Project Fact Sheet**

Highland Drive Drainage Improvements Project

# **Project Description**

Lower Makefield Township is replacing the existing culvert located along Highland Drive. The current culvert is aged and in need of replacement.

#### This project will:

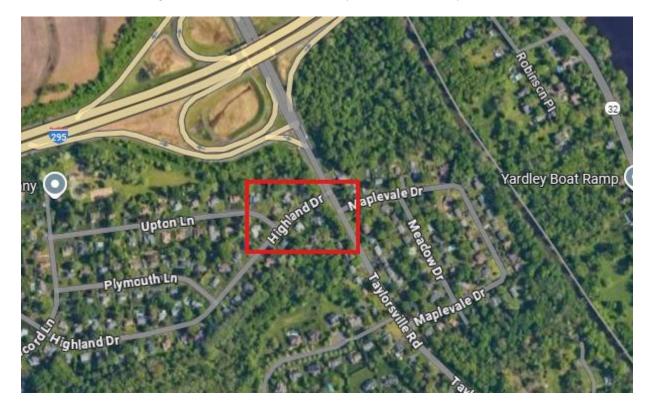
- Replace the existing culvert;
- Rehabilitate and expand the existing storm sewer system;
- Provide additional controlled stormwater flow capacity; and
- Restore the surrounding streambanks and roadway areas impacted by construction.

Contractor: James D. Morrissey, Inc.

Contract Award: Publicly bid and awarded at a total cost of \$985,777.00

## **Project Location**

• Site: Near 1 Highland Drive, where the roadway crosses a tributary to the Delaware River.



#### **Project Oversight**

- Lower Makefield Township
- Kyle Turner, P.E., Project Manager Herbert, Rowland & Grubic, Inc. (Township Engineer)

## **Utility Coordination**

Work will be performed in coordination with PECO Natural Gas (PECO) and Pennsylvania American Water (PAW), who will be completing utility improvements/relocations in the project area. Coordination of

schedules and activities will minimize impacts to residents and ensure the long-term reliability of both the culvert and underground utilities.

### Scope of Work - Overview

- Mobilization: Contractor set-up, permitting, and culvert delivery.
- Traffic Control: Detours, signage, and barriers per approved plan.
- Erosion & Sediment Control: Compliance with Pennsylvania Department of Environmental Protection and Bucks County Conservation District standards.
- Easement Access & Site Clearing: Clearing of trees and invasive species, streambank preparation.
- Streamflow Diversion: Temporary cofferdam for in-stream work.
- Culvert Replacement: Removal of existing culvert and installation of 16' Span CON/SPAN O-Series Box Culvert with retaining walls and wingwalls.
- Storm Sewer Improvements: Replacement of storm pipes and structures, with temporary and permanent roadway restorations.
- Concrete Curb & Pavement: Removal and replacement of curbing, permanent roadway reconstruction, milling, and paving.
- Landscaping & Restoration: Streambank stabilization, seeding, matting, and tree replacement.

## **Tentative Schedule**

(subject to weather and utility coordination)

- September 2025 Pre-construction coordination with PECO and PAW.
- September 15, 2025 Advance detour signage posted
- September 23, 2025 at 7pm at the Township Building—Pre-construction Community Meeting
- September 29, 2025—January 8, 2026—Closure of Highland Drive from its intersection with Taylorsville Road to Upton Lane and detour
- October 2025 Contractor mobilization, site clearing. Culvert demolition, and utility relocations.
- November 2025 Storm sewer installation, roadway base repair, curbing, and streambank restoration.
- December 2025 Installation of new culvert, retaining wall, and temporary pavement.
- January 2026 Roadway open for traffic.
- May 2026 Final paving, landscaping, and project completion.

#### **Project Benefits**

- Roadway Safety: Enhanced structural integrity of the culvert crossing.
- Environmental Protection: Erosion controls and streambank restoration protect water quality and habitats
- Infrastructure Resilience: Long-term improvements to stormwater management and roadway.

Additional information may be obtained on the Township website at <a href="www.lmt.org">www.lmt.org</a>. Questions and/or concerns can be directed to <a href="admin@lmt.org">admin@lmt.org</a> or by calling (267) 274-1100.