

## **Project Description**

### **Louisiana Avenue**

The site is located along Louisiana Avenue and LaSalle Avenue in Dormont Borough, Allegheny County. The existing site consists of bituminous roadway, maintained lawn area, residential area, an UNT to Sawmill Run, and wooded area and has consisted of the current conditions for the past 5 years. Historically, for the past 50 years the site has consisted of the current conditions.

Proposed construction will consist of replacing the existing storm sewer from LaSalle Avenue to the stream outfall that has failed with a 36" Corrugated Plastic Storm Pipe. A new manhole will be installed in place of the structure that has deteriorated over time and has been damaged by erosion. A 2-foot-wide by 8-foot-long inlet will be installed along LaSalle Avenue and a new curb will be constructed to collect and convey runoff into the storm system and limit the flow over the slope.

A stone lined stilling basin will be constructed at the outfall of the storm sewer to slow the water discharging from the pipe before it enters the existing stream channel. The stilling basin will reduce erosion at the outfall and by slowing the runoff reduce stream erosion downstream. The eroded slope will be re-established and stabilized with stone to minimize erosion in the future.