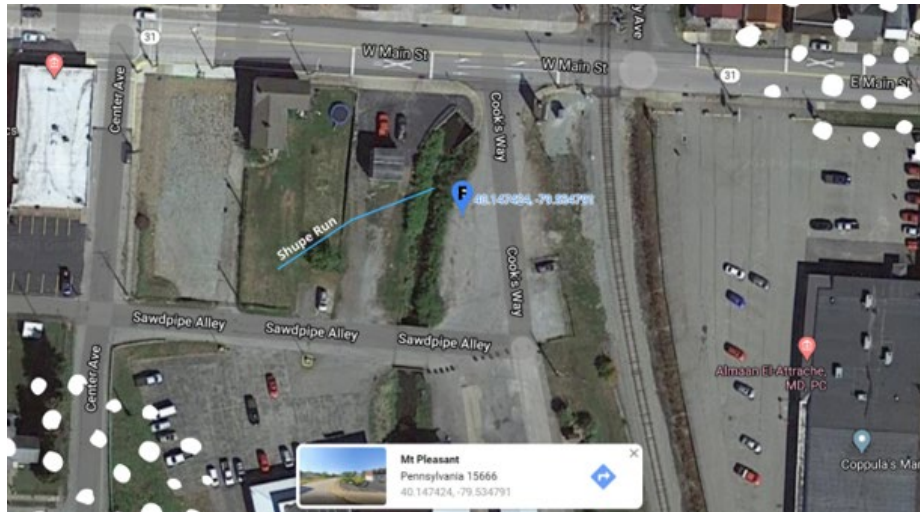


**Project Description** - Mount Pleasant Borough is a primary source of urban runoff to Shupe Run, a tributary to Jacobs Creek in Indiana County. It is almost completely built out and an estimated 75% of the borough's land area is covered by impervious materials. There is limited area within Mount Pleasant Borough to construct storm water management facilities to minimize the effects of urban runoff. Storm water from spring rains and frequent summer cloudbursts overwhelm Mount Pleasant Borough's outdated, undersized and inadequate storm water and sanitary sewer systems. Surging storm water flows mix with raw sewage, road pollutants, and sediment and enters Shupe Run and Jacobs Creek, destabilizing the stream banks and polluting the streams.

**Project Timeframe** - October 01, 2016 through December 31, 2021

**Project Goals** - The objective of the Project was to construct the following green infrastructure BMPs to alleviate continuing urban storm water impairment to Shupe Run: A storm retrofit system will be installed to collect the sheet flow from the parking/roadway. This includes a porous brick walkway. Additionally, a stone stabilized parking will be installed with drainage. To complete the project a rain garden was proposed, and the planting of a riparian buffer is also planned. Recommendations from DEP's Storm Water Best Management Practices Manual and EPA Green Streets Program were used in the design.

**Pictures** –



**Project Results** – This project installed 2 Infiltration Pavers sites (3,518 square feet) and 2 Rain Gardens (933 square feet).

**Project Costs** - \$169,499 EPA Section 319(h) plus an additional \$9,500 in matching funds from.

**Partners** – Westmoreland Community Action, JCWA, WCD, and Mt. Pleasant Borough.