

## Education

Rowan University, BS Civil Engineering – continuing,

Rowan University, GIS minor- continuing

## Years of Experience

2

## Areas of Expertise

Environmental/Civil Engineering, GIS data interpretation/management /mapping

## Summary of Qualifications

Mr. Lamoreaux has over 2 years of experience in municipal engineering, municipal capital improvement projects, and Site Development Engineering; Based on his experience as an engineer and Civil 3D Operator, Mr. Lamoreaux is a valuable member of the engineering department.

## Key Projects

### **2019 Falls Township Road Improvement Program, Fairless Hills, Bucks County, PA.**

Responsible for all Civil 3D work and plan set creation for the reconstruction of 8 residential streets and the mill and overlay of 4,840 sf of local residential streets. The project encompassed full depth road reconstruction including, new curbs, sidewalks, drainage improvements, utility relocations and landscaping / restoration.

### **Falls Township MS4 Program, Fairless Hills, Bucks County, PA.**

Assisted in mapping all the outfalls throughout Falls Township as well as analyzing surfaces and mapping all municipal and state storm sewer infrastructure to define the drainage area boundaries pertaining to each outfall. Responsible for the grouping of the township into sections based off of land use that aided in determining the pollutant loading occurring in the impaired waterways within Falls Township. Responsible for 3D modeling of surface topography data for drainage area analysis and hydrology.

### **Underwater Remote Operated Vehicle Project, Rowan University, Gloucester County, NJ.**

Worked on a team dedicated to designing, constructing, and testing a UROV responsible for capping a broken underwater oil pipe. Gained skills in AutoCAD and SolidWorks software as well as knowledge of all aspects involved in the design, construction, and review / analysis process.

### **COVID-19 Risk Analysis Mapping, Rowan University, Gloucester County, NJ.**

Utilized ArcGIS software to analyze pre-determined COVID-19 risk factors and turn them into a map that ranked countries around the world for how likely their citizens were to contract the virus. This project largely developed my understanding of the power and capabilities of ArcGIS software.

### **COVID-19 Risk Analysis Mapping, Rowan University, Gloucester County, NJ.**

Utilized ArcGIS software to create a map of bus / shuttle stations around Rowan University.

### **TCC Verizon Wireless Authorized Retailer, Bordentown, Burlington County, NJ.**

Worked as a technology advisor responsible for cellular sales, inventory management, and customer relations. This position developed my organizational and customer relation skills. Pertaining to the engineering world the skills developed here translated into well-organized plan representation and filing, as well as opened up clear communication with clients ultimately leading to an unquestioned understanding of their expectations.