

Client:
City of Sharon, PA

Contract Value:
\$16,818.00

Project Duration:
November 2015 to Present

The intended goal of the City of Sharon's Pavement Management Program (PMP) or Streets Inventory, is to provide a long-range planning tool for the maintenance of the City-owned and maintained roadway system. The PMP will serve as a blueprint to maintain the City's roads that are in good condition while improving roads that are in poor condition. The plan will schedule improvements over a period of time allowing the City to plan expenditures. Each roadway section is evaluated to determine the correct maintenance.

An effective PMP will provide the following:

- An inventory and rating of existing roadway conditions
- Planned yearly expenditures and maintenance schedule

By carefully planning an effective PMP, the City will be able to stretch its capital budget by reducing the need for costly repairs. This can be accomplished by utilizing a progressive system of maintenance. Additionally, by receiving regular maintenance, a road will remain in generally good condition for most of its life-cycle. Without regular maintenance and/or repair the road will be in poor condition from approximately the midpoint to the end of its life-cycle.

During the roadway inventory in the City of Sharon, information detailing the physical condition of each roadway will be compiled. The information gathered includes the roadway lengths, the roadway widths, presence of curb, ADA curb ramps, traffic markings, traffic stripes, and drainage. The physical characteristics rated for the roadways include:

- Alligator cracks
- Pavement polishing
- Pavement Distortion
- Potholes
- Transverse/Longitudinal Cracks
- Riding quality
- Drainage/ponding problems

The roadway inventory produced data detailing the condition of each road owned and maintained in the City of Sharon. This data will assist in answering the following questions:

- What is the current condition of the existing roadway?
- What maintenance technique should be applied to each roadway, if the roadway was to receive a treatment in 2015 or 2016?

Upon completion of the roadway survey, the condition ratings are used to assign maintenance and improvements to each street. The cost for each repair type is provided and the condition rating used to determine each recommended type of repair.



Pavement Management Program

City of Sharon, Pennsylvania
ENGINEERING & INSPECTION SERVICES

