

Technical Memorandum

Project: Washington State Fair – Farm at
Sillyville Train Expansion
RE: Pervious Pavement Infiltration Test

From: Justin Jones, PE
Date: August 18, 2022



08-18-22

Introduction

This memo includes the testing and analysis of the pervious asphalt installed with the Farm at Sillyville Train Expansion project.

1. Pervious Pavement Infiltration Test

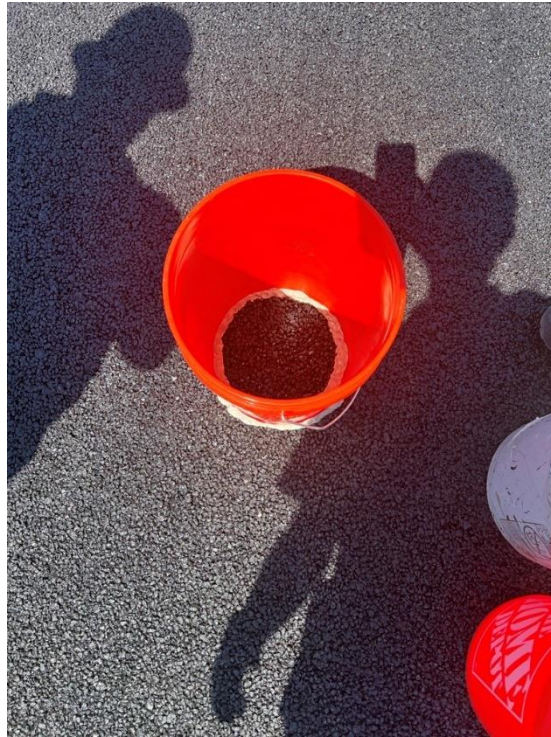
Analysis & Results

An infiltration test was performed on the center of the pervious asphalt installed with the Farm at Sillyville Train Expansion project. The test was done on 08/17/2022 and was witnessed by the contractor, project engineer, and city inspector.

A 5-gallon bucket with the bottom cut out was adhered to the pervious pavement to contain water within the test area to achieve more accurate test results.



10-gallons of water was poured into the test area until 6-inches of head was established within the test bucket. A timer was set to measure the time to complete draw down of test area. The total draw down took 40 seconds.



The pervious asphalt yields an approximate infiltration rate of 540 in/hr based on the results/findings of the infiltration test performed on the pervious asphalt installed with this project.