

A Seminar Series on Innovative and Comprehensive Stormwater Management to Produce Multiple-Benefits in the Appalachian Plateau

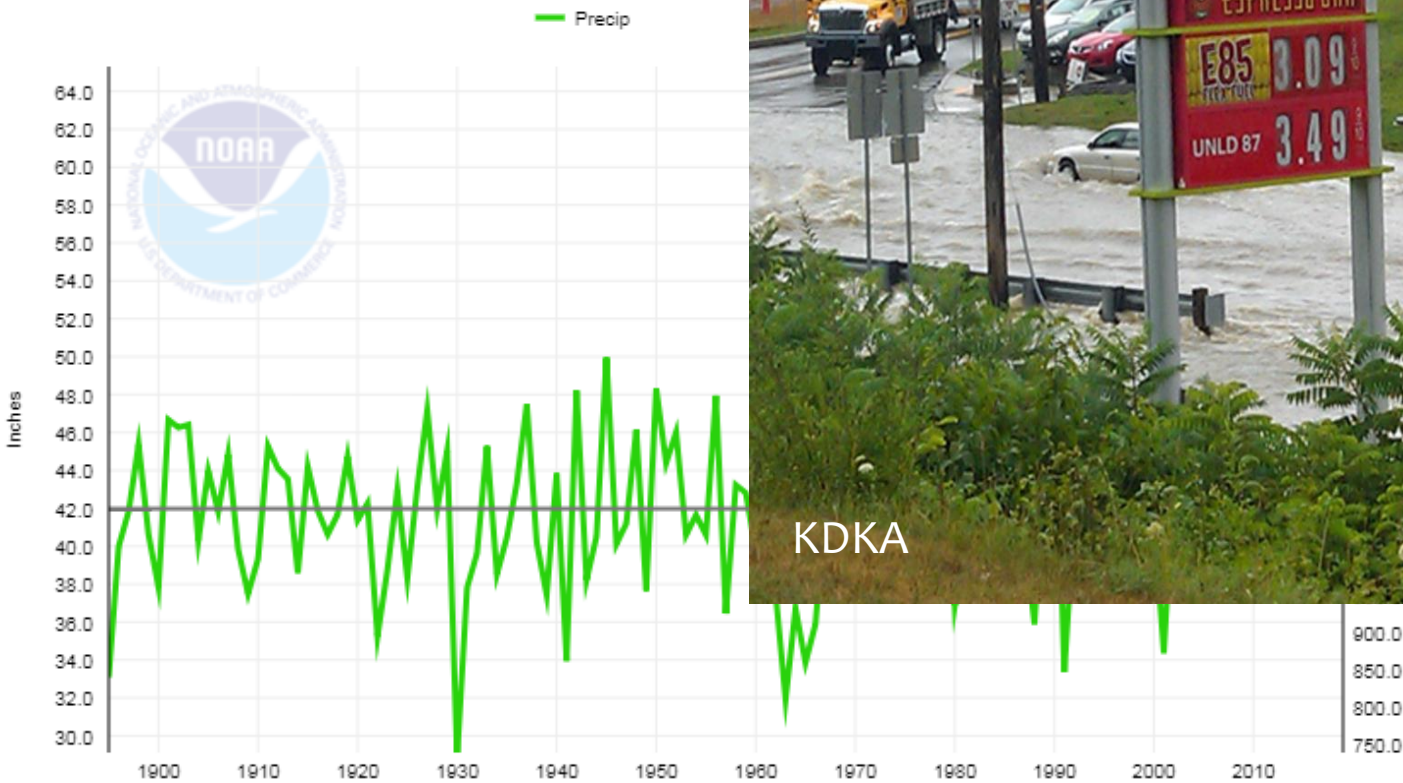
Daniel Bain

IRISE ANNUAL MEETING

MAY 17, 2023

Stormwater management is challenged by continued climate change

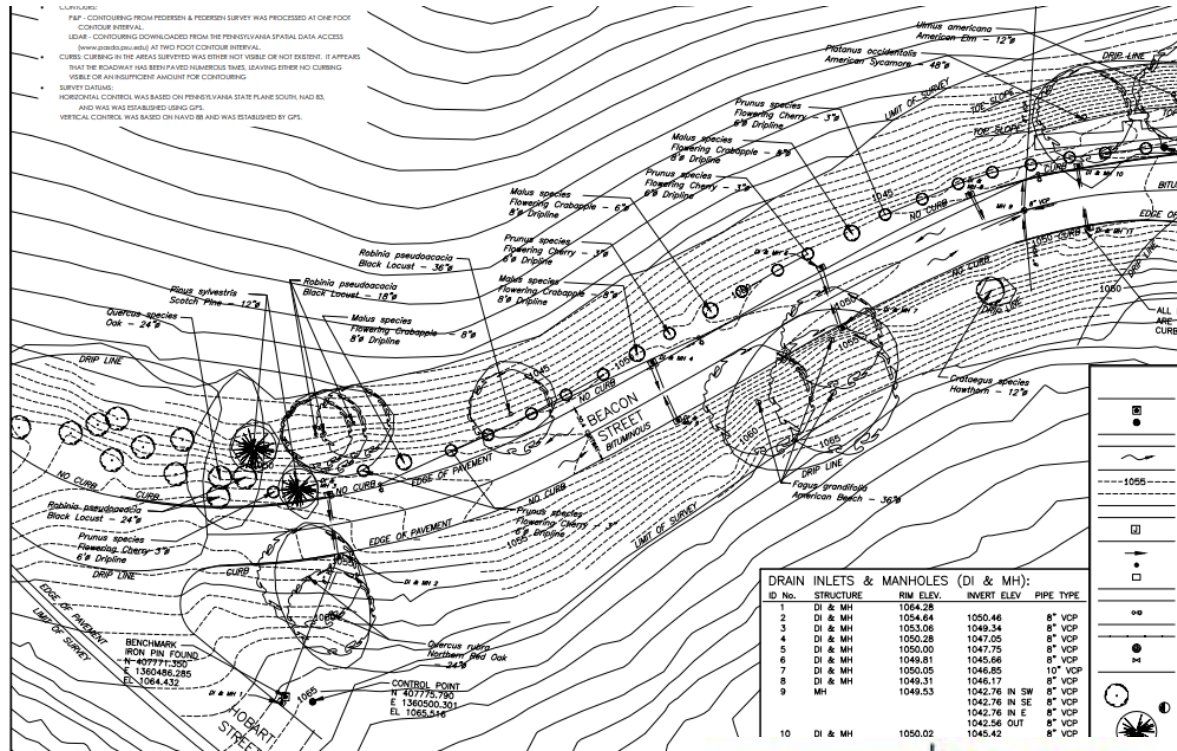
Pennsylvania, Precipitation, January-December



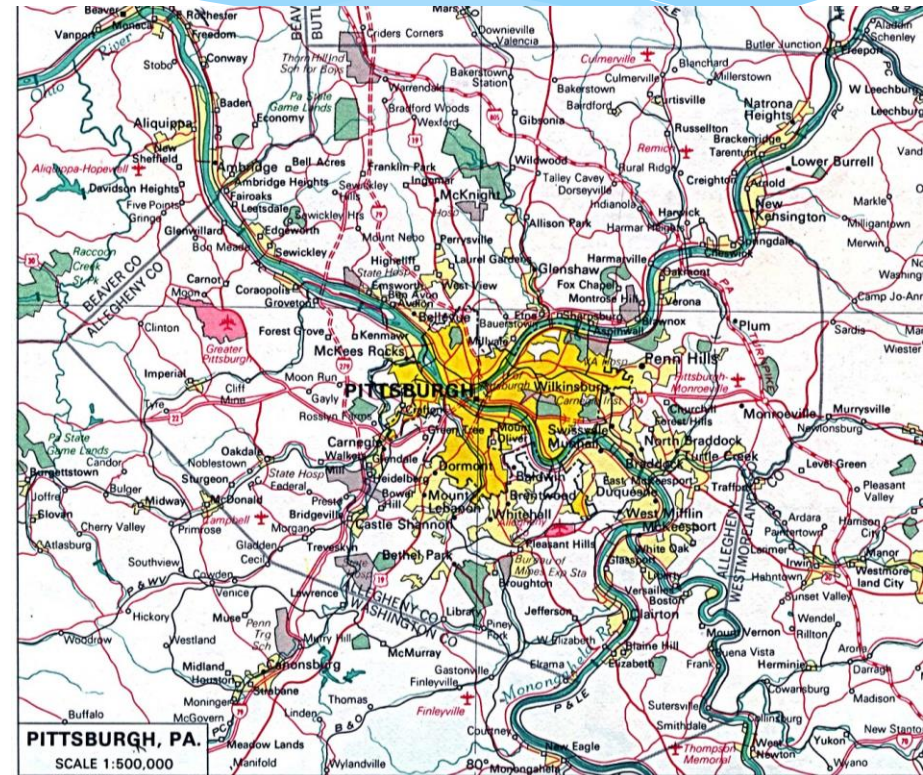
Removing more water from roads faster is a challenge... if feasible



Peter Van Metre -- USGS



Roads intersect a complicated set of jurisdictional boundaries



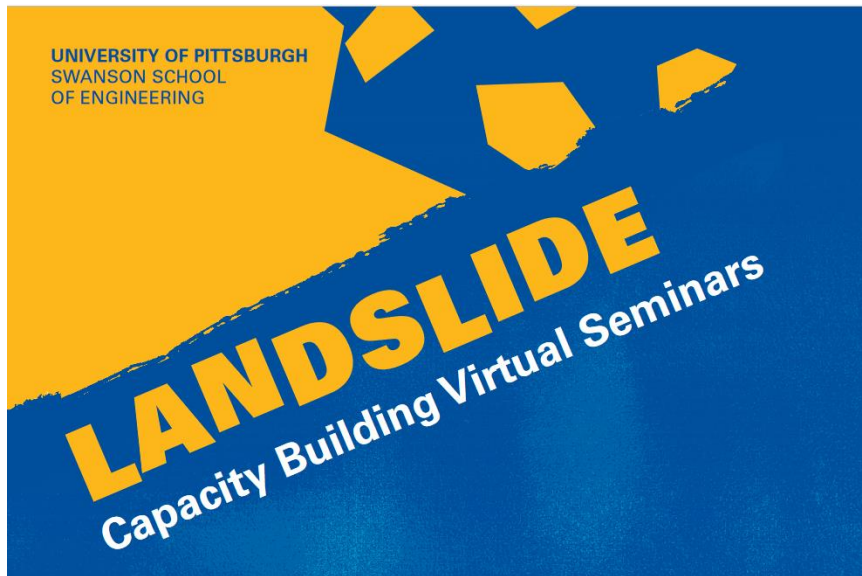
UT Map Library

PITT IRISE

Wikicommons

Project Objectives

- ❑ Hold a seminar/series of seminars featuring subject matter experts on challenges/solutions in stormwater management
- ❑ Inspire/expose/educate students about storm water
- ❑ Hybridize Transportation/Water Management networks to allow more effective collaboration



Why another stormwater seminar?

Event Description



2023 Pennsylvania Stormwater Summit
“Challenges to Managing Stormwater in Pennsylvania”
A One-Day Stormwater Conference
Hosted by the PWEA Stormwater Committee
Thursday, March 30, 2023, 8:30am-3:45pm
Hilton Garden Inn Pittsburgh Cranberry in Cranberry Township

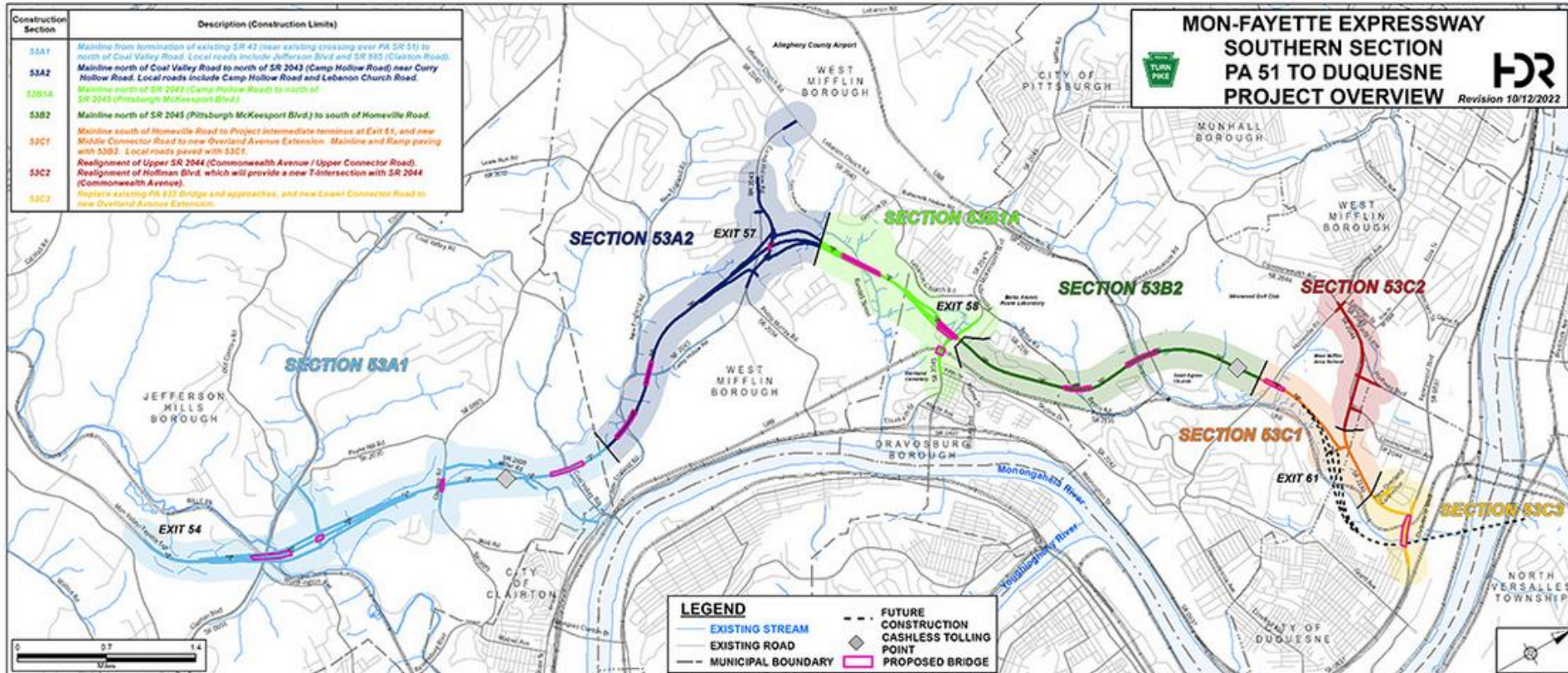
23rd Annual

**Sewer
Conference**

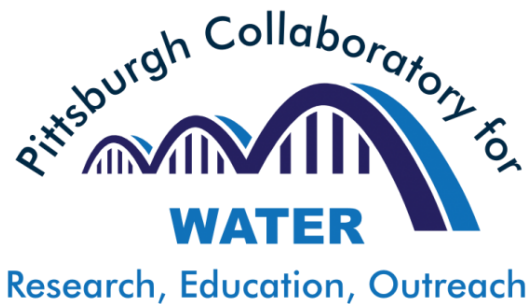
November 2-3, 2022
Monroeville Convention Center



Roads and cross-jurisdictional planning and management



The seminar has strong potential to hybridize networks



Plans for the year

- ❑ We anticipate the seminar will occur this fall, likely in November.
- ❑ This summer we will call a meeting of subject matter experts to set the seminar agenda
 - ❑ If you would like to participate, please be in touch
 - ❑ dbain@pitt.edu
- ❑ Seminar will likely either be a one day event or a series of ~3 afternoon events
 - ❑ If you have stormwater management techniques/case studies/etc. please don't hesitate to reach out

Questions?