



Maple Ave. Drainage Improvements



12/24



Project Scope

Purpose:

- Reduce runoff/ponding impacts by improving stormwater collection and connection to the existing system.
- Address drainage conditions affecting the adjacent private property and nearby public areas.

Scope summary:

- Install one new inlet and one new manhole
- Connect into the existing storm system
- Deflect an existing watermain to avoid conflicts

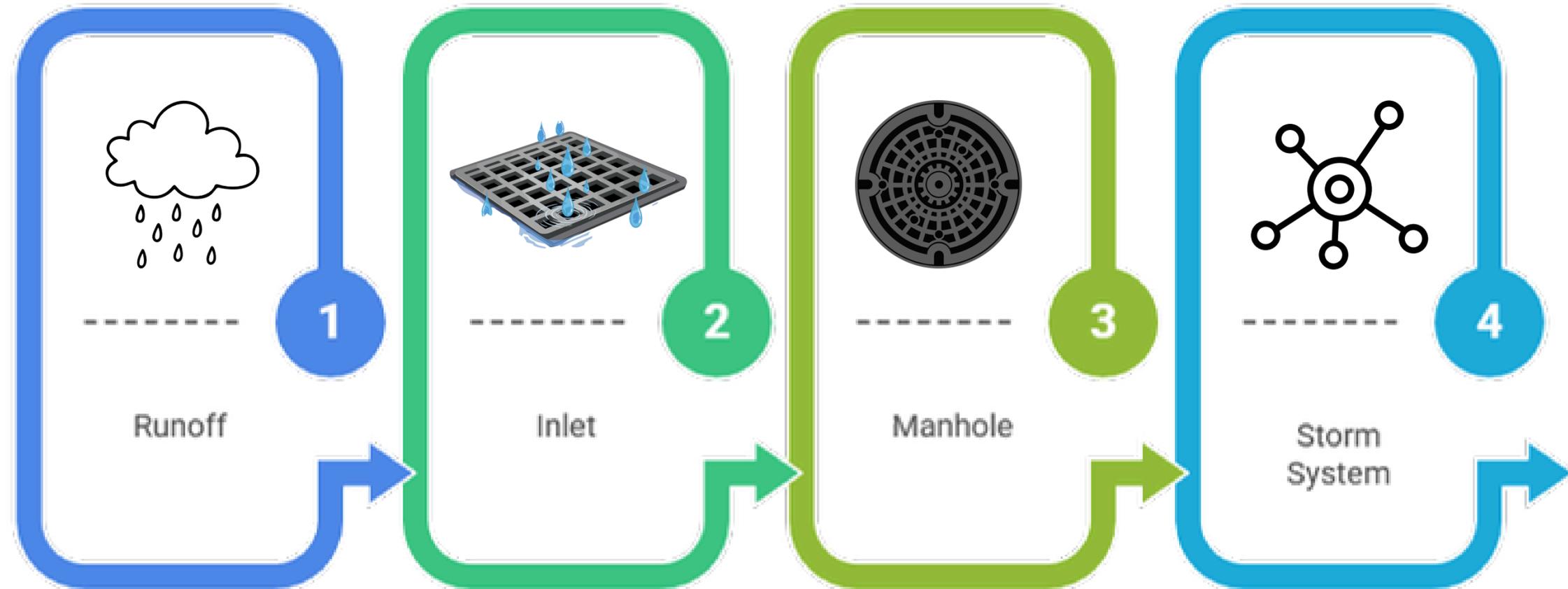


Existing Conditions + Constraints

- Runoff currently concentrates in a problem area and is not being captured efficiently.
- Surface flow paths contribute to drainage impacts on/near the adjacent private property.
- Work is constrained by:
 - Existing utilities (water, storm, other franchise utilities)
 - Streetscape features (sidewalks, ADA ramps, pavers)
 - Existing grades and tie-in requirements to the current system



Proposed Improvements (What We're Building)



- New inlet to capture runoff at the collection point
- New manhole for junction/maintenance access
- New storm connection into the existing system

Utility Coordination + Watermain Deflection + Restoration

Utilities:

- Watermain deflection included to maintain clearances and avoid the proposed storm structures.

Restoration:

- ADA sidewalk repairs where impacted, restoring compliant slopes and accessible routes.
- Paver removal and reinstallation to match existing pattern/finish as feasible.



Construction Approach, Impacts, and Cost Estimate

Construction approach :

- Install traffic/pedestrian control, then complete utility work and storm structures, followed by surface restoration.
- Work will be staged to minimize disruption and maintain access where feasible.

Anticipated impacts:

- Temporary lane/sidewalk shifts near the work zone
- Short-duration access impacts when unavoidable
- Possible scheduled water service interruptions only if required (with advance notice)

Engineer's Cost Estimate:

- Construction estimate: \$[X]