

Welcome to your

DEPARTMENT OF THE ENVIRONMENT



Prince George's County, Department of the Environment

College Park "Calvert Hills Drainage Improvement Project"

General Overview of each project part/phase, cost , design status, and tentative construction schedule:

- Project Purpose
- Project Overview
- Project Current Status
- Project Constraints
- Project Estimated Cost and Schedule



Project Purpose:

Improve stormwater (surface runoff) conveyance capacity, and reduce frequency of significant flooding. This project is not intended as a “flood solution”. Major parts are:

- Upgrading road culverts and storm drain pipes
- Adding new storm drain systems
- Upgrading capacity of the open channels
- Installing an underground stormwater storage

vault



Calvert Hills Drainage Improvement Project Overview



AREA 1



JUNE 9, 2009



JUNE 17, 2010



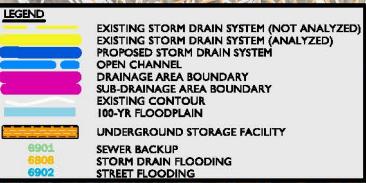
JUNE 17, 2010



JUNE 17, 2010



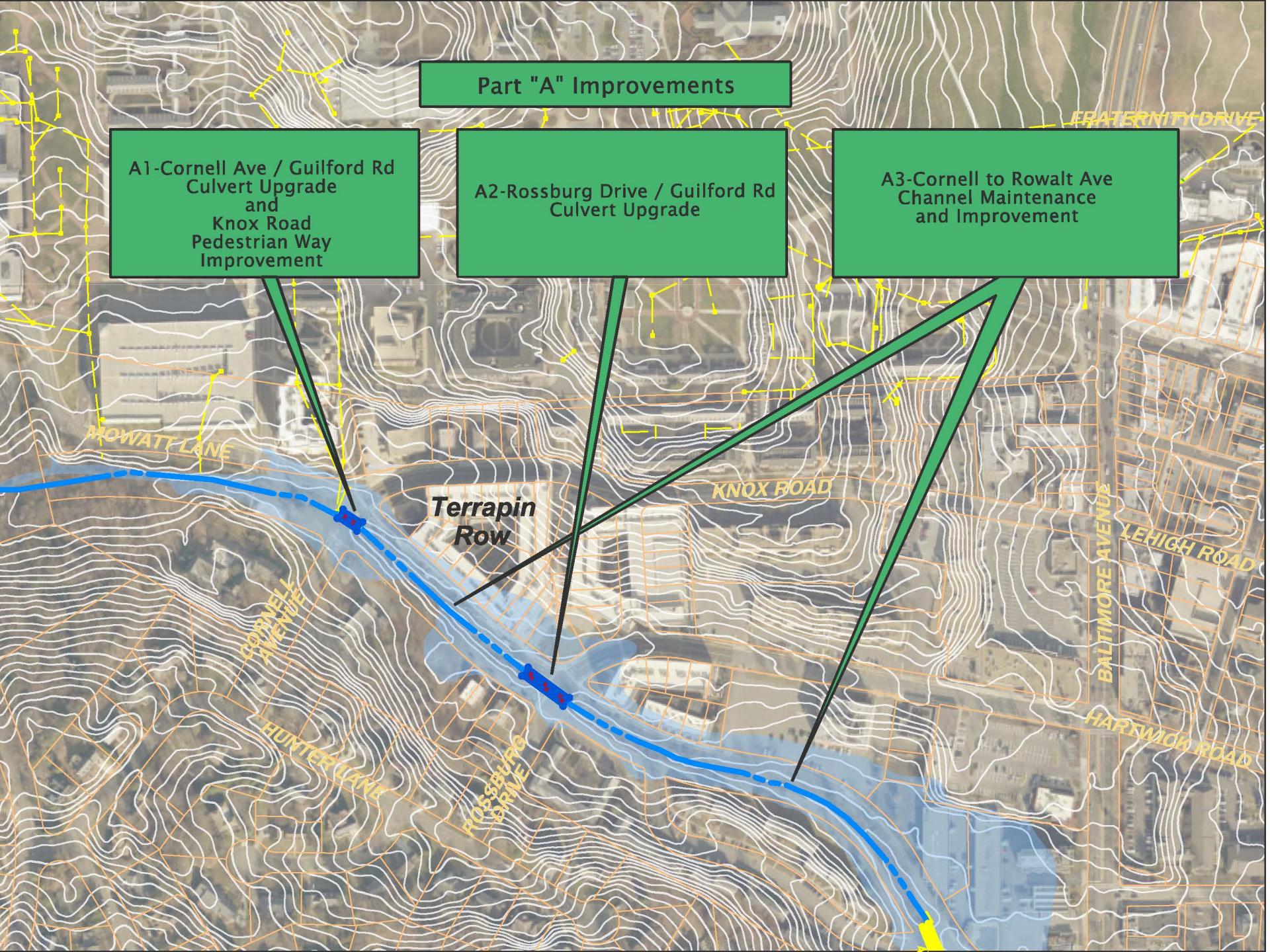
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AREA 2

COLLEGE PARK/CALVERT HILLS
FLOODING STUDY
CITY OF COLLEGE PARK
SEPTEMBER 2017





Part "A" Improvements

A1-Cornell Ave / Guilford Rd
Culvert Upgrade
and
Knox Road
Pedestrian Way
Improvement

A2-Rossburg Drive / Guilford Rd
Culvert Upgrade

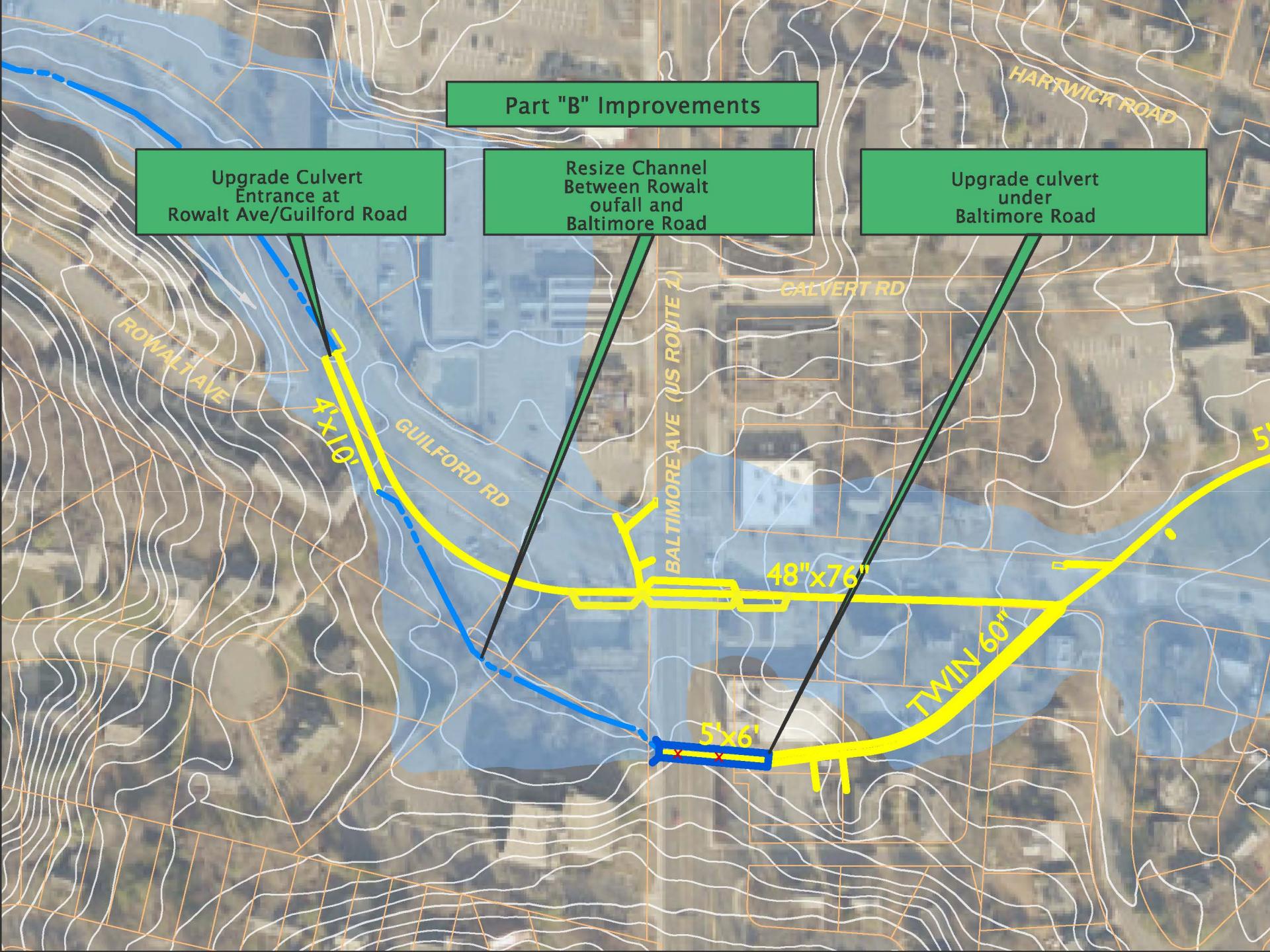
A3-Cornell to Rowalt Ave
Channel Maintenance
and Improvement

Part "B" Improvements

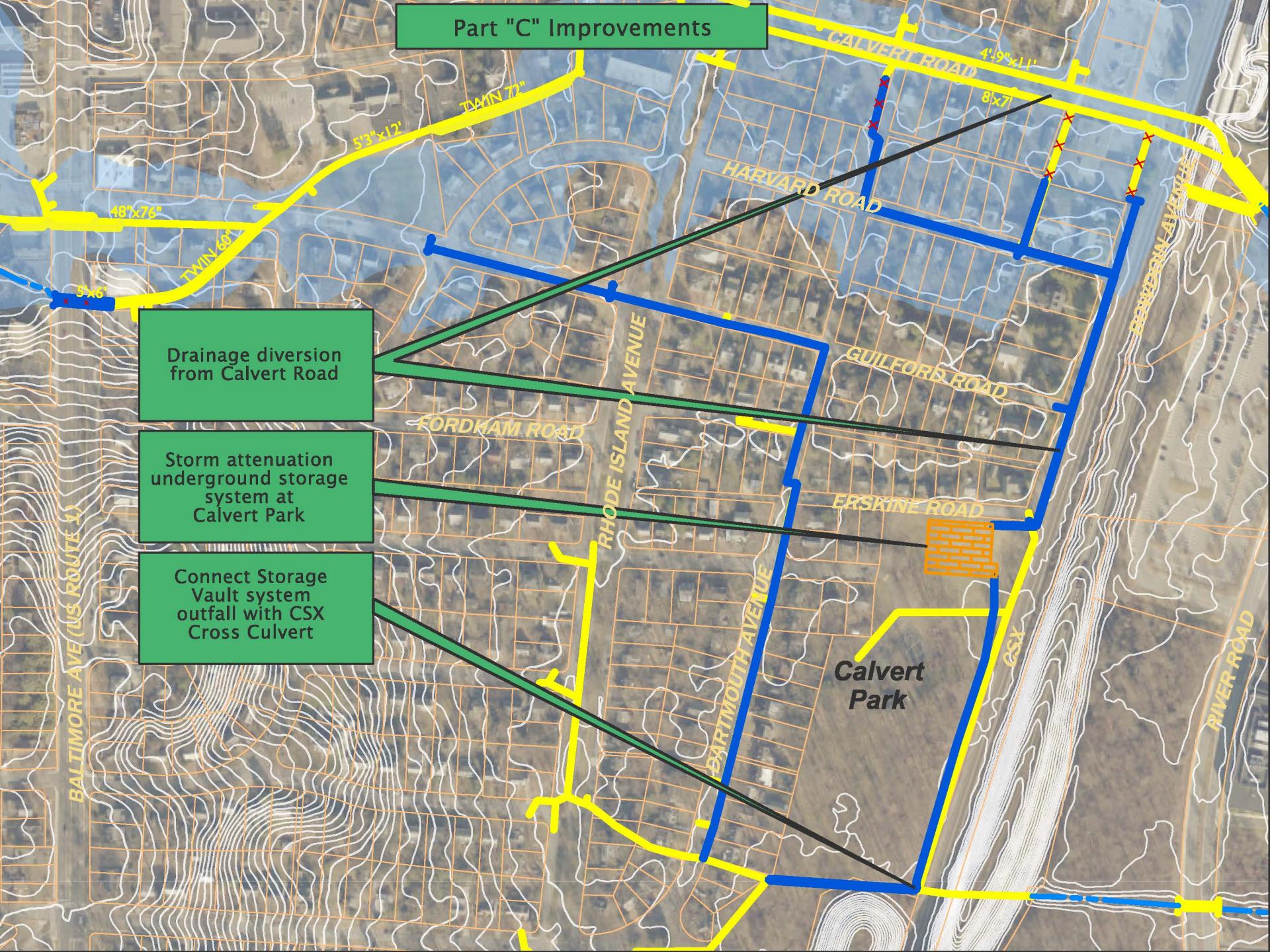
Upgrade Culvert
Entrance at
Rowalt Ave/Guilford Road

Resize Channel
Between Rowalt
outfall and
Baltimore Road

Upgrade culvert
under
Baltimore Road



Part "C" Improvements



Part "D" Improvements



Project Current Status:

- Preliminary / Concept Phases: Completed
- 30% Design Phase: Completed
- Test Pits, additional utility designation & survey: In progress-to be completed by November 30, 2018
- 65% & 100% Design Phases : Task order negotiation completed. Task order approval expected by mid December 2018



Challenges:

- Calvert Park- underground retention vault
- Stormwater runoff management from any redevelopments (eg. Plato Diner site)
- State-MDE permit to modify the open channels
- State-SHA access permit to perform storm drain upgrade across Baltimore Ave (US 1)



Project Cost and Schedule:

Design Phase	Cost	Completion Date
Feasibility	\$115,000	Completed
Concept-30%	\$280,000	Completed
Test Pits, additional utility designation & survey	113,000	November 2018
Final-65% & 100%	\$1,420,000	August 2020
Total Design Cost		\$1,930,000



Construction Cost and Schedule:

Construction Phases (in this sequence)	Cost (est.)	Construction Periods (2 Years total)	CIP Budget FY funds
Part C	2,100,000	Nov /2020 - April/2021	FY 21
Part D	900,000	May /2021-August 2021	FY 21 & FY 22
Part B	1,200,000	Sept/ 2021-Feb/ 2022	FY 22
Part A	800,000	Dec/ 2021-May 2022	FY 22
Construction costs	5,000,000 (est.)		FY 21 & FY 22
Design+ Const. Costs	6,9300,000 (est.)		(Design funding) FY19,FY 20 & 21

Contact



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