

Ellicott City Watershed Master Plan

Kickoff and Hydrology & Hydraulic Study Presentation
May 31, 2017

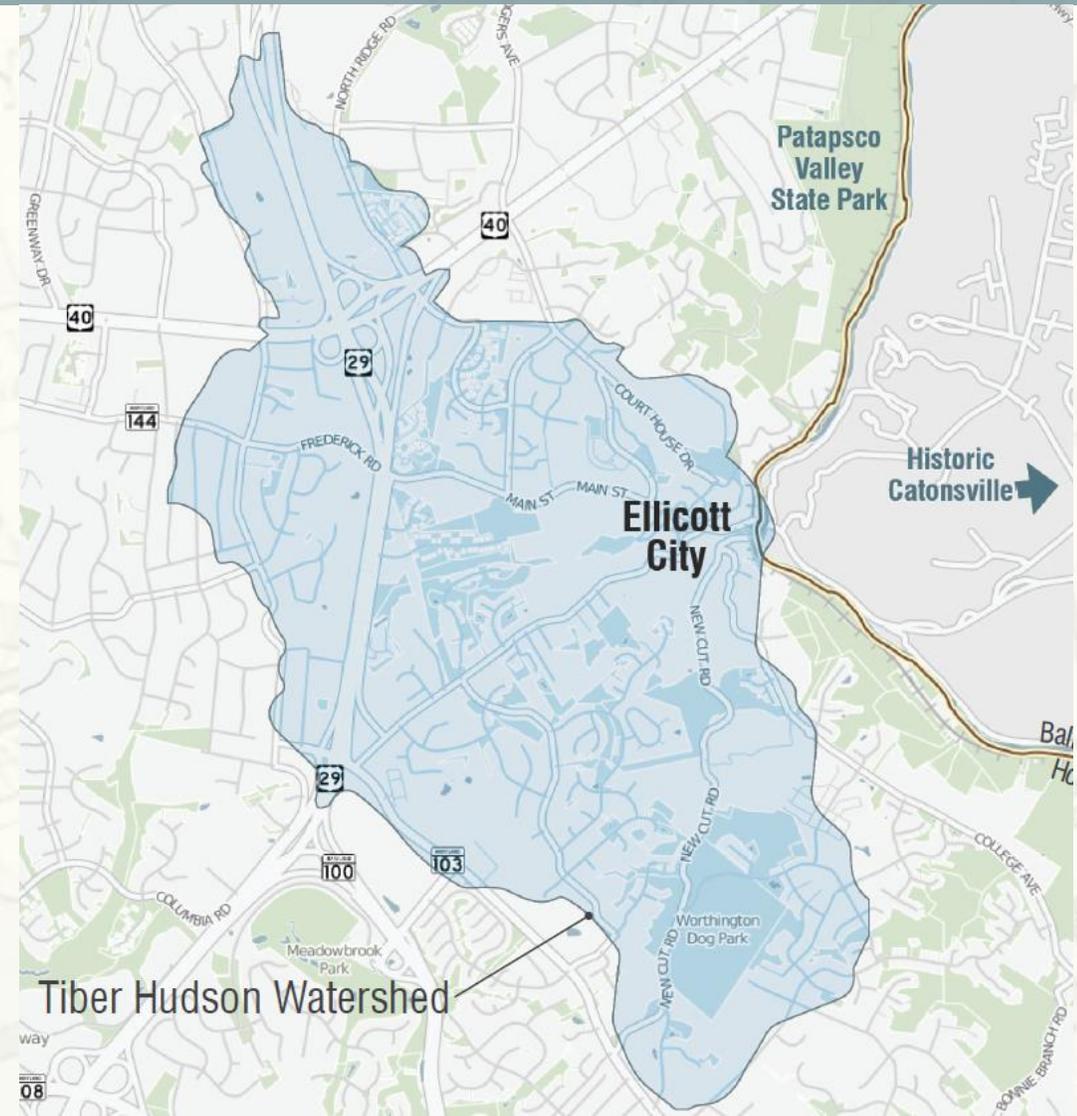
Purpose of Tonight's Meeting

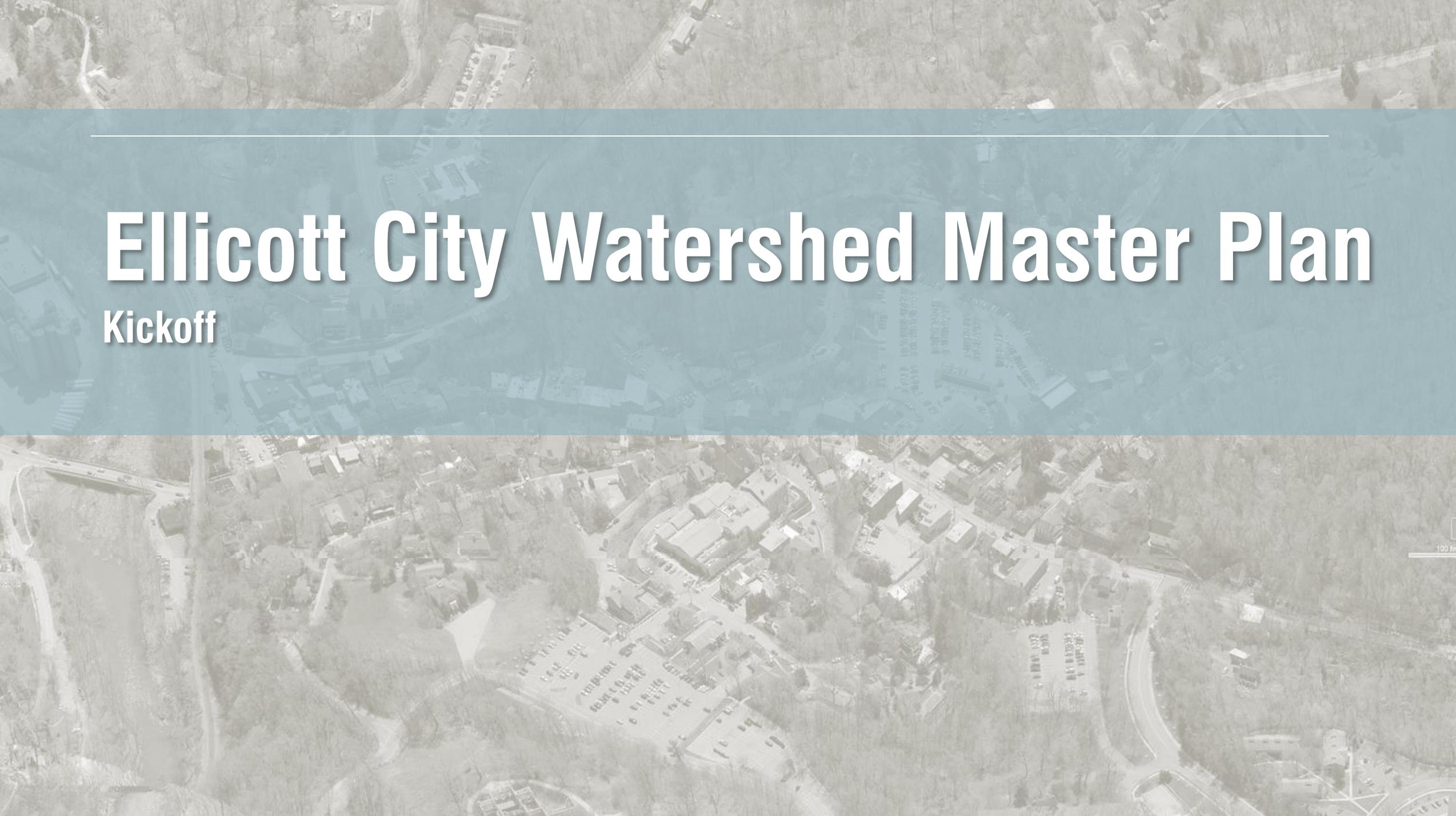
- Transition from late-stage recovery and intensive study to active planning
- Understand what master plan will focus on and how it will shape Ellicott City's future
- Learn about key findings and implications from Hydrology & Hydraulic Study and how it integrates with and informs master plan process
- Hear what happens next in master plan process

Agenda and process for this evening

- Master Plan
 - Brief introductory presentation
 - Questions and answers*
- Hydrology & Hydraulic (H&H) Study
 - Two part presentation
 - Two question and answer periods*
- Next Steps

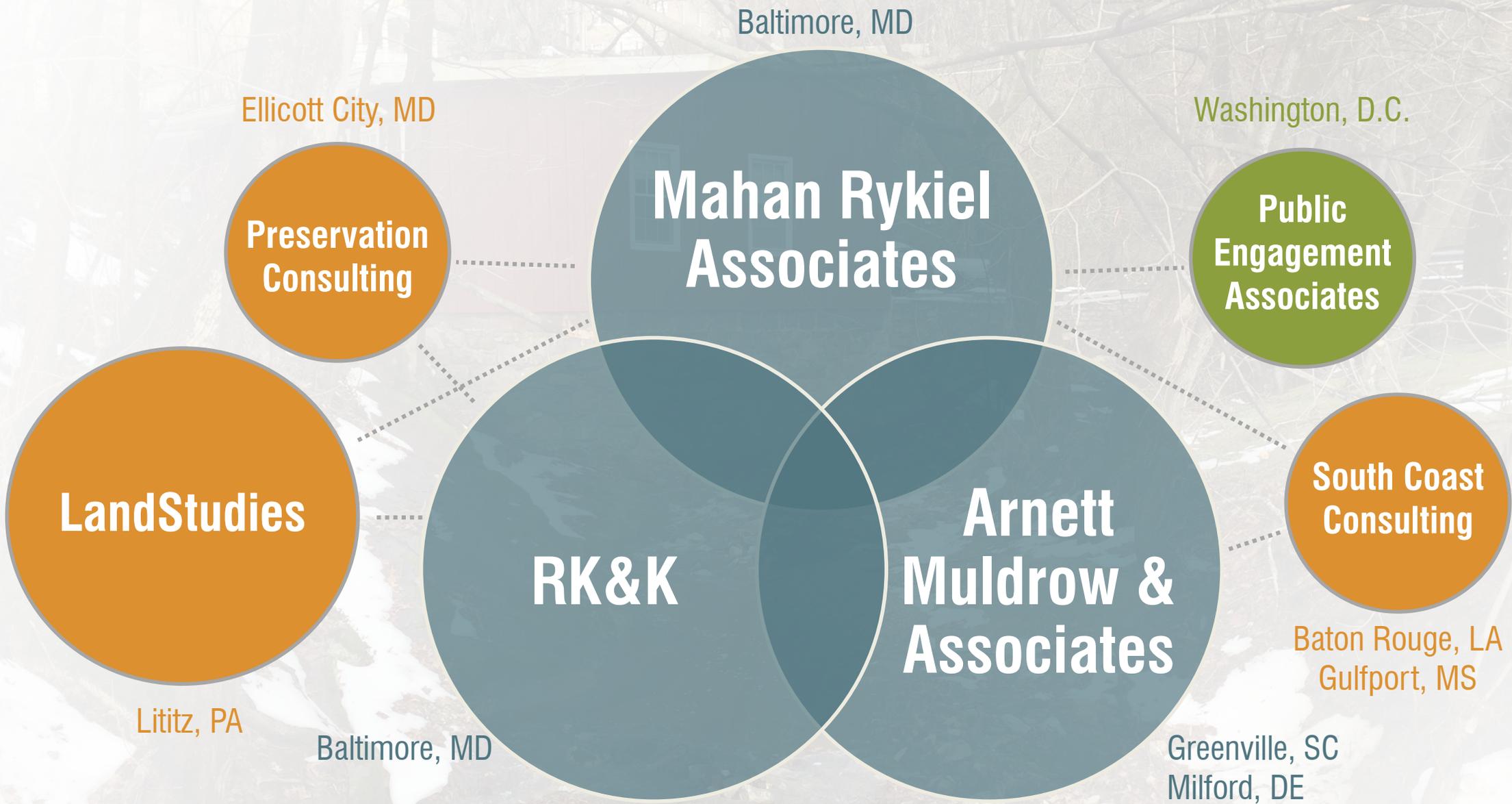
*Comment form to record your questions and observations as you listen to the presentation



An aerial photograph of a residential neighborhood, showing houses, streets, and trees. A semi-transparent blue horizontal band is overlaid across the middle of the image, containing the title and subtitle text. The text is white with a slight drop shadow for readability against the blue background.

Ellicott City Watershed Master Plan

Kickoff



CORE TEAM

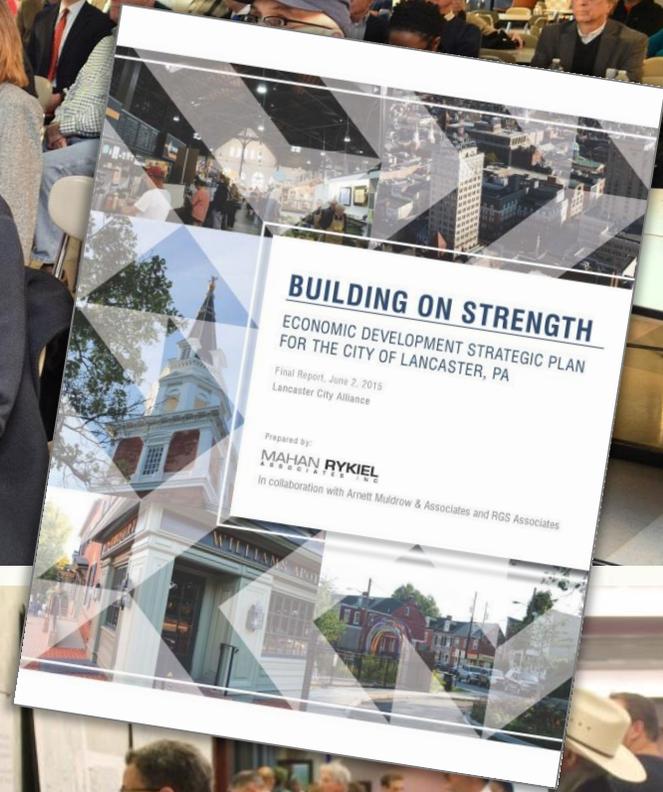


MASTER PLAN TEAM EXPERIENCE

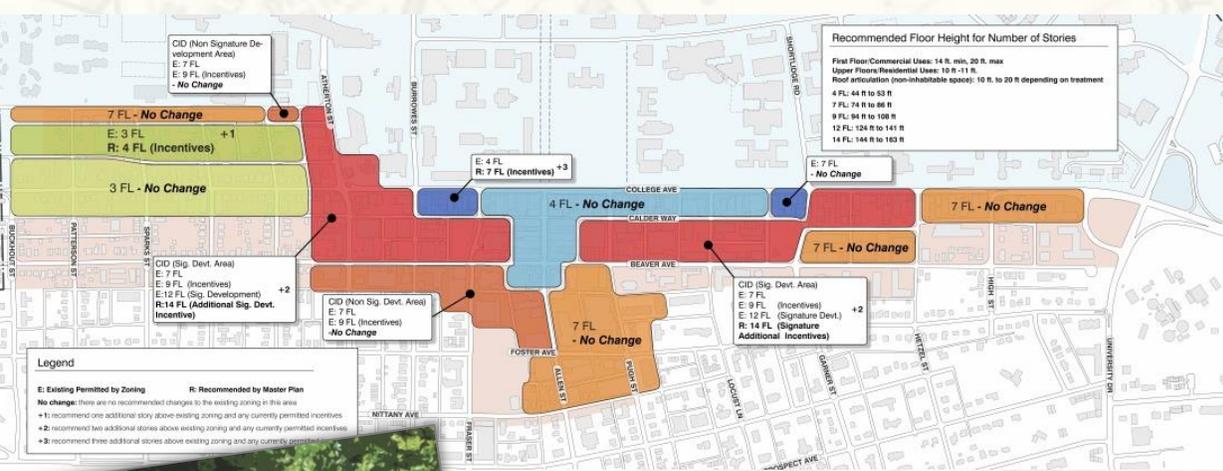


Lancaster Economic Development Strategic Plan

2015 Planning Excellence Award
PA Chapter of the APA
2015 Honor Award, MD Chapter
of the ASLA



State College Downtown Master Plan



Annapolis Main Street



Maryland + Pennsylvania

Bloomsburg
Wilkes Barre
Easton
Lewisburg
Harrisburg
Lancaster
Lititz
Frederick
Baltimore
Annapolis
DC
College Park
Bowie

RK&K | LandStudies

Vermont

Waterbury
Waitsfield
Barre
Northfield
Warren
Brandon
Wilmington
Brattleboro

Mississippi Gulf Coast

Picayune
Bay St. Louis
Waveland
Gulfport
Biloxi
Long Beach
Pass Christian
Ocean Springs
Pascagoula

Arnett Muldrow | South Coast Consulting | Mahan Rykiel

Lititz Run Watershed Action Plan | Lititz, PA



Carroll Creek | Frederick, MD



Vermont Economic Recovery

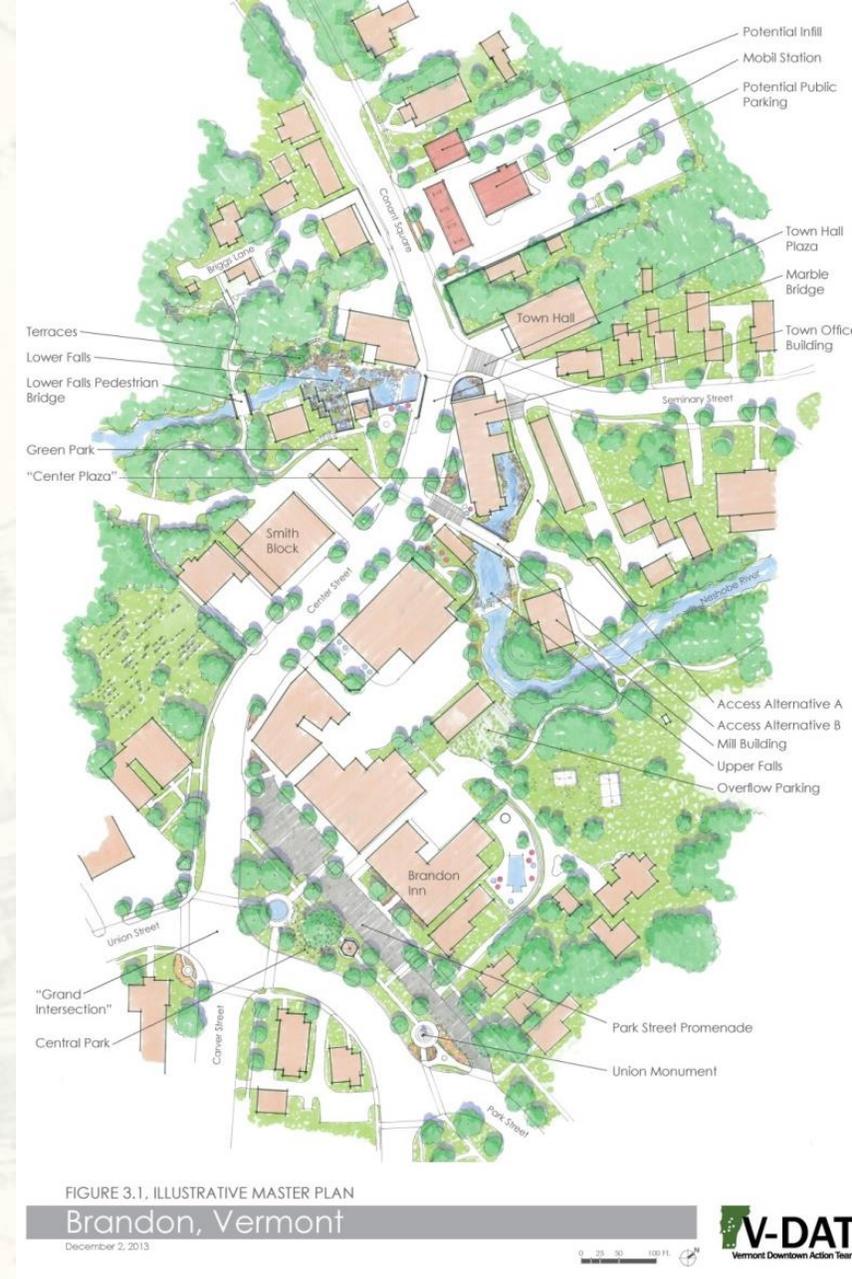
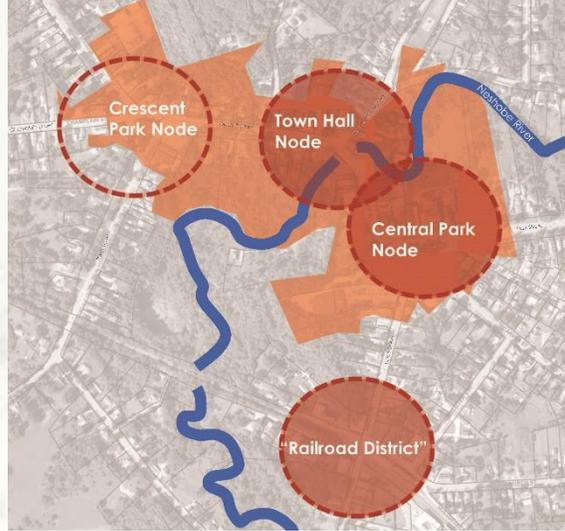
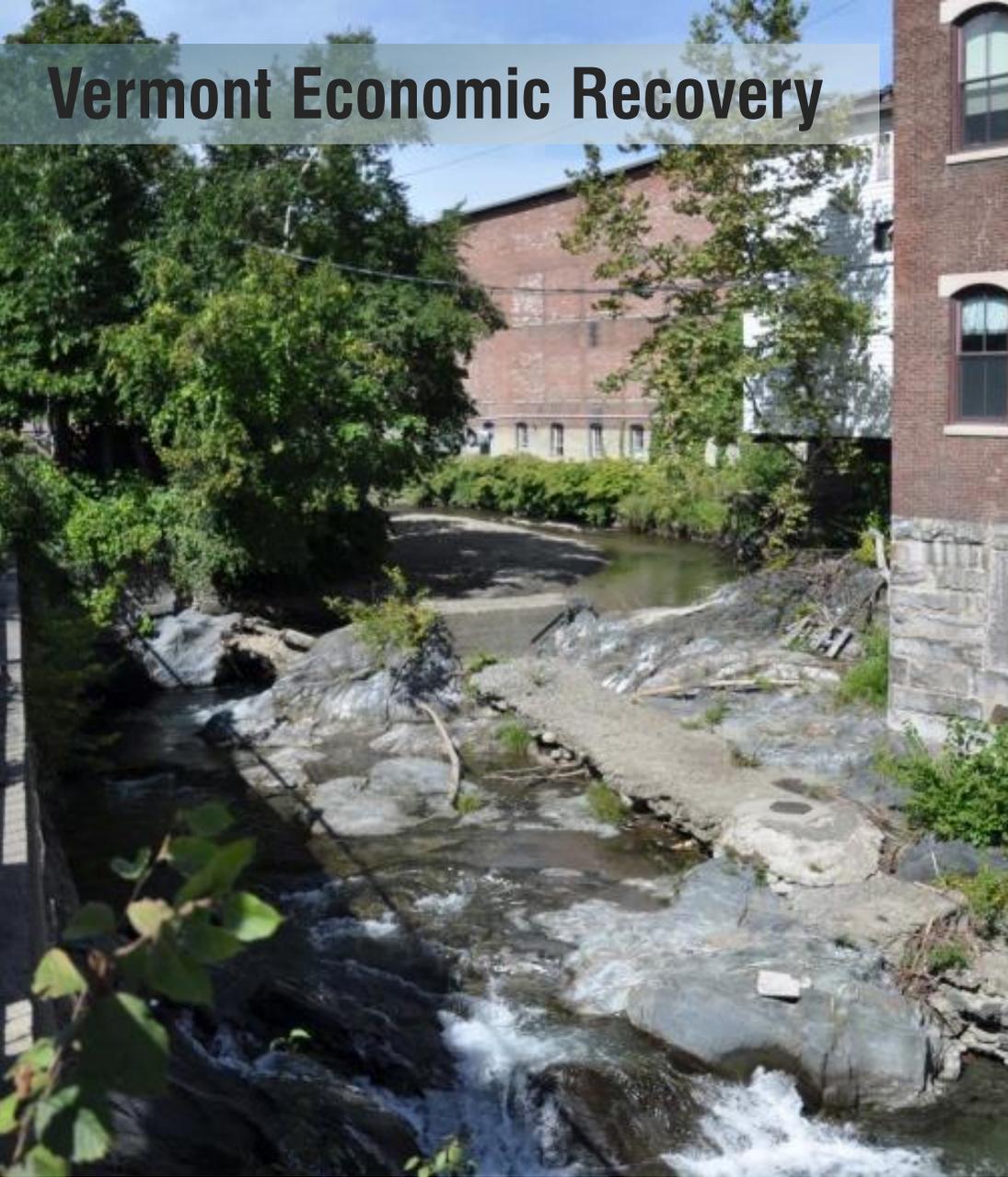


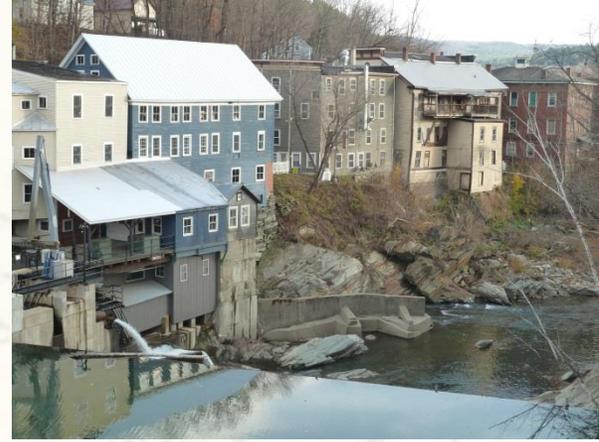
FIGURE 3.1, ILLUSTRATIVE MASTER PLAN
Brandon, Vermont

December 2, 2013

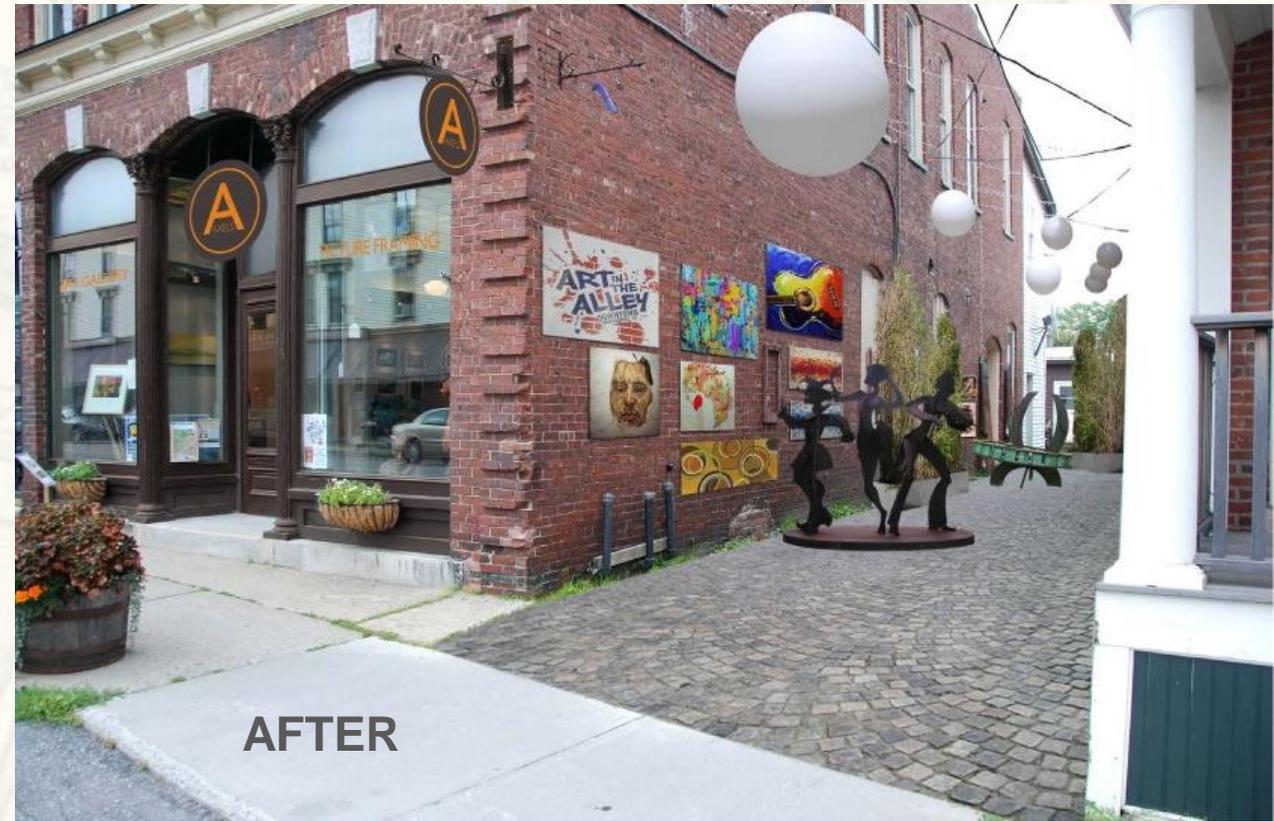
0 25 50 100 FT.



Vermont Economic Recovery



BEFORE



AFTER

Vermont Economic Recovery



Vermont Downtown Action Team Report

Retail Market Study

Vermont Downtown Action Team Report

Marketing Brandon



Gulf Coast Recovery | Gulfport, MS



We're empowering the future of downtown Gulfport.

Mississippi Power serves 32 counties in Southern Mississippi and we call downtown Gulfport home. Our commitment to downtown began with our headquarters building and continued through the years with the renovation of the landmark Gulf and Ship Island Building. As we look ahead through the rebuilding of the entire gulf coast, we remain committed to our hometown base. We are proud partners with Gulfport Main Street as we work together to make downtown Gulfport the centerpiece of the gulf coast. Great things are happening in downtown Gulfport... visit www.gulfportmainstreet.com to learn more.



Arnett Muldrow | South Coast Consulting | Mahan Rykiel

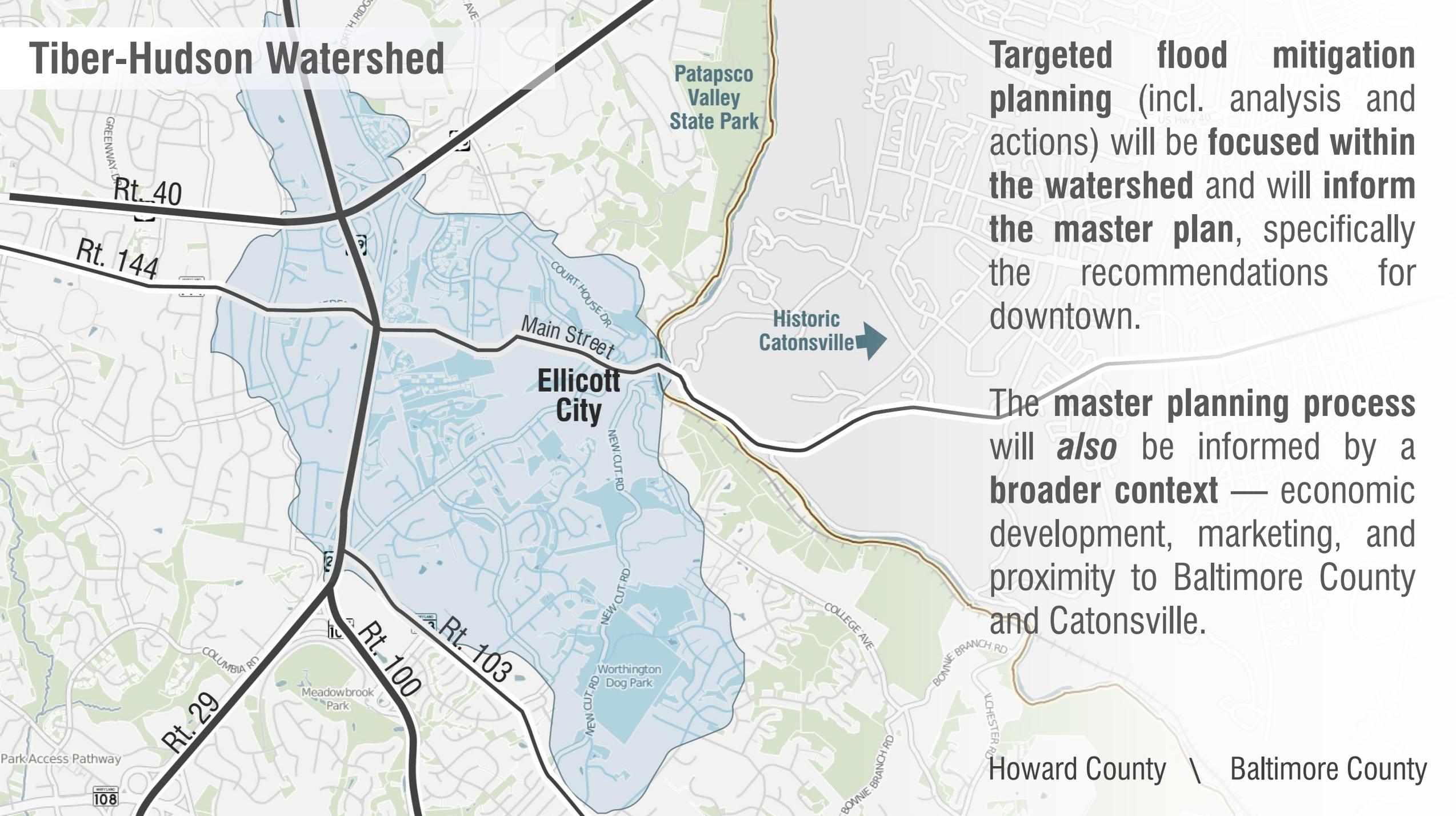
Master Plan Scope

Integrated Approach to Building Resiliency and Reducing Risk over the Long-Term

- Physical Planning | Land Use | Zoning
- Urban Design | Placemaking | Parks
- Transportation | Parking
- Infrastructure Improvements | Stormwater Management
- Economic Development | Community Marketing
- Funding Strategies | Implementation

Informed by Hydrology and Hydraulic Study (H&H) and Historic Preservation

Tiber-Hudson Watershed



Targeted flood mitigation planning (incl. analysis and actions) will be **focused within the watershed** and will **inform the master plan**, specifically the recommendations for downtown.

The **master planning process** will *also* be informed by a **broader context** — economic development, marketing, and proximity to Baltimore County and Catonsville.

Howard County \ Baltimore County

Master Plan: Points to Keep in Mind

The Master Planning Process is:

1. Building Upon Efforts to Date
2. An On-Going Process
3. Seizing the Opportunity to Make Ellicott City Better
4. Focused on Implementation – Balancing Short and Long-Term
5. Developing a “Game Plan”- Using the H&H Study as a Tool

1. Building Upon Efforts to Date

- **McCormick Taylor Hydrology & Hydraulic (H&H) Study** (reviewed tonight),
- **Community Advisory Group (CAG) *Final Report*** (published),
- *Stream Corridor Assessment 2016* (published),
- *Case Study* (published),
- *Army Corps Flood Proofing Study* (ongoing),
- *Economic Impact of the 2016 Ellicott City Flood* (published),
- Story Map,
- ULI Ellicott City *TAP Report*, and
- Among others.

2. On-Going Process

August 2016 to May 2017

- Emergency repair and getting town up and running again
- Launch/complete H&H study and ongoing flood proofing study
- Continue to implement immediate improvements

May/June 2017 to Spring 2018

- Launch/complete the master plan
- Identify and prioritize improvements based on goal to reduce risk (proactive vs. reactive solutions)

2. On-Going Process *(cont.)*

Summer 2018 and Beyond

- On-going implementation of prioritized improvements
- Immediate, short-term, mid-term and long-term

3. Seizing the opportunity to make EC Better

Effective disaster recovery is not simply returning to the former status quo, but **moving to a new reality...**

Gulf Coast Recovery | Gulfport, MS

BY THE NUMBERS

PRIVATE REINVESTMENT

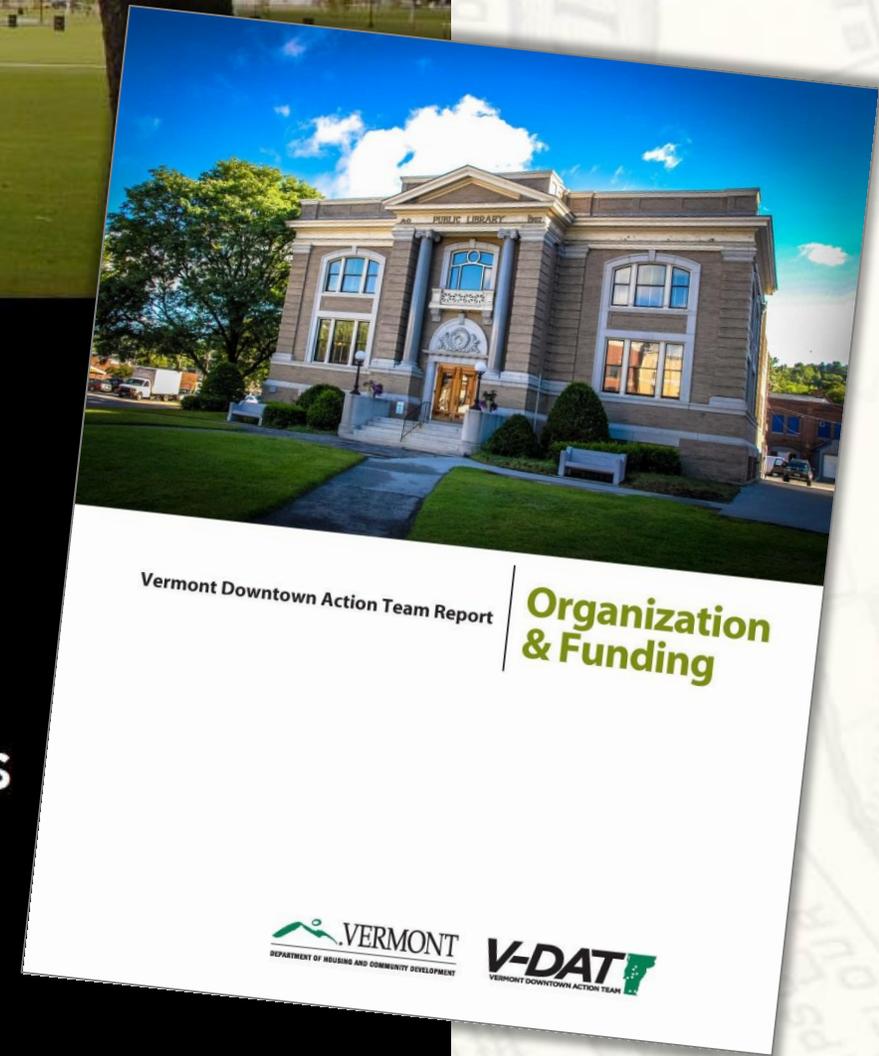
\$128,533,478 In the
downtown
commercial core

FACADE MASTER PLAN

83 Facades improved in
the downtown
commercial core area

NEW BUSINESS OPENINGS

38 In the downtown
commercial core area
since 2007



Gulfport, MS



Streetscape Vision

Implementation



Placemaking



Façade Master Plan

“If we are being honest, downtown Gulfport is more vibrant today than it was pre-Katrina.”

- Mark Loughman, Gulfport, MS



4. Implementation: Balancing Short and Long-Term

Strategies	Recommendation	Timeframe	Actions (Timeframes)	Lead	Key Partner(s)	Co
Pigtown Main Street	3A Special Services district		ces district in Pigtown to initiate a clean and safe employment opportunities for residents, coordinate tentatively add staff and a more sustainable funding	LDC	BDC, DOP, Paul's Place	Org
			upported Enterprise (CSE) in the form of a op or pub that would provide evening dining	Pigtown Main Street	BDC, Paul's Place, Property Owners	Org
			Pigtown	Pigtown Main Street	Property Owners	Bus Dev
			ization to foster economic investment. when appropriate, and manage leasing of	Pigtown Main Street	BDC, Main Street Businesses, Property Owners	Real
			venture capital/angel investment			
			brand into business marketing	Pigtown Main Street	Exit 10, Main Street Businesses	Pro
			marketing and promotion	Pigtown Main Street	Main Street Businesses, USPS	Bus Dev
			ighborhood that includes information plan for the community, and ways	Pigtown Main Street	BDC, DOP	Bus Dev
			rally, Taste of the Town, etc.) es in Pigtown (M)	Pigtown Main Street	Dinner Labs, The Gathering, Main Street Businesses	Pro
			by offering business training	Pigtown Main Street	BDC, Small Business Resource Center, Small Business Technology & Development Center	Bus Dev
			ing signage system	Pigtown Main Street	Baltimore National Heritage Area, DOP, Downtown Partnership, Visit Baltimore, Younts Design	De
			Horseshoe Casino Local Development Council (LDC) Main Street Businesses Parks & People Paul's Place Property Owners Ruppert Nurseries Small Business Resource Center Small Business Technology & Development Center Southwest Charter School, Green Team United States Postal Service (USPS) Visit Baltimore Younts Design		Potential Funding Sources Baltimore Development Corp. (BDC) Baltimore Office of Sustainability Bond Bill Community Development Finance Institutions Fund (CDFI) Chesapeake Bay Trust (CBT) Community Legacy Exelon Merger Local Development Council (LDC) Neighborhood Business Works Property Owner Investment	

Vermont Towns BY THE NUMBERS

CDBG-DR FUNDING FOR STREETSCAPES, PARK SPACES AND BUILDINGS

\$3,800,000

6 FACADE IMPROVEMENTS **10** NEW BUSINESS OPENINGS **5** COMMUNITIES BRANDING/MARKETING EXPANSION

GULFPORT, MS BY THE NUMBERS

PRIVATE REINVESTMENT

\$128,533,478

83 Facades improved in the downtown commercial core area **38** In the downtown commercial core area since 2007

NEW BUSINESS OPENINGS

IMPLEMENTATION

OVERVIEW
This plan is a framework to guide growth and enhancements in the City of Lancaster over the next ten years, and beyond. Implementation by a partnership among many public and private entities and individuals as outlined throughout the report and below. It is important to note that the master plan is intended to be a guiding, yet flexible document. Many of the concepts illustrated will be further refined and intended to become real projects. Additionally, it is important to view the master plan as a "menu" of vetted as they become real projects. Similarly, and modeled would not all happen, certainly within the opportunities. The redevelopment scenarios illustrated next 10 years. However, they serve as a guide should opportunities arise for particular properties. Similarly, and modeled would not all happen, certainly within the opportunities. The concepts of the plan, however, can be applied to these properties.

PRIORITY INITIATIVES
Strategy 1 | Expanding Success: Traditional Economic Development Investment
 • 1G | Plan Funding Program
Strategy 2 | Embracing the Collaborative Economy: Cultivating Entrepreneurs (Creative and Technology)
 • 2B | Lancaster Creative Spaces Initiative
Strategy 3 | Leveraging the Brand: Marketing Lancaster City
Priorities to be developed
Strategy 4 | Quality of Life: Reinforcing District Identities
Priorities to be developed

***Timeframe**
 » Short: 2015
 » Medium: 2016-2017
 » Long: 2017-2025

112 ECONOMIC DEVELOPMENT STRATEGIC PLAN FOR THE CITY OF LANCASTER

4. Implementation: Balancing Short and Long-Term

Balance

1. Need for shorter term focus on rebuilding (*what we can do now with moderate investments*)
2. Longer term focus of plan implementation and resilience over decades (*with significant investments*)

5. Developing a “Game Plan”

1. We need **your help** and continued input (*future public meetings, comment cards*)
2. Develop best solutions to **build resiliency**
3. Consider **cost-effective, thoughtful** and **effective** solutions

*The **H&H model** is a sophisticated tool to help inform decision making. The model does not provide the game plan; the master plan does. The purpose of the model is to **highlight risk at a watershed-wide level** and examine potential reductions in flood frequency at locations throughout the community.*

5. Developing a “Game Plan”

Model allows us to test how improvements affect flooding:

- Improvements to **infrastructure** (*bridges, culverts, retaining walls, etc.*)
- Improvements to **flood storage areas** (*stormwater management basins, underground storage, etc.*)

5. Developing a “Game Plan”

Various scenarios can be run with the model to explore those improvements most effective in reducing flood surface elevation.

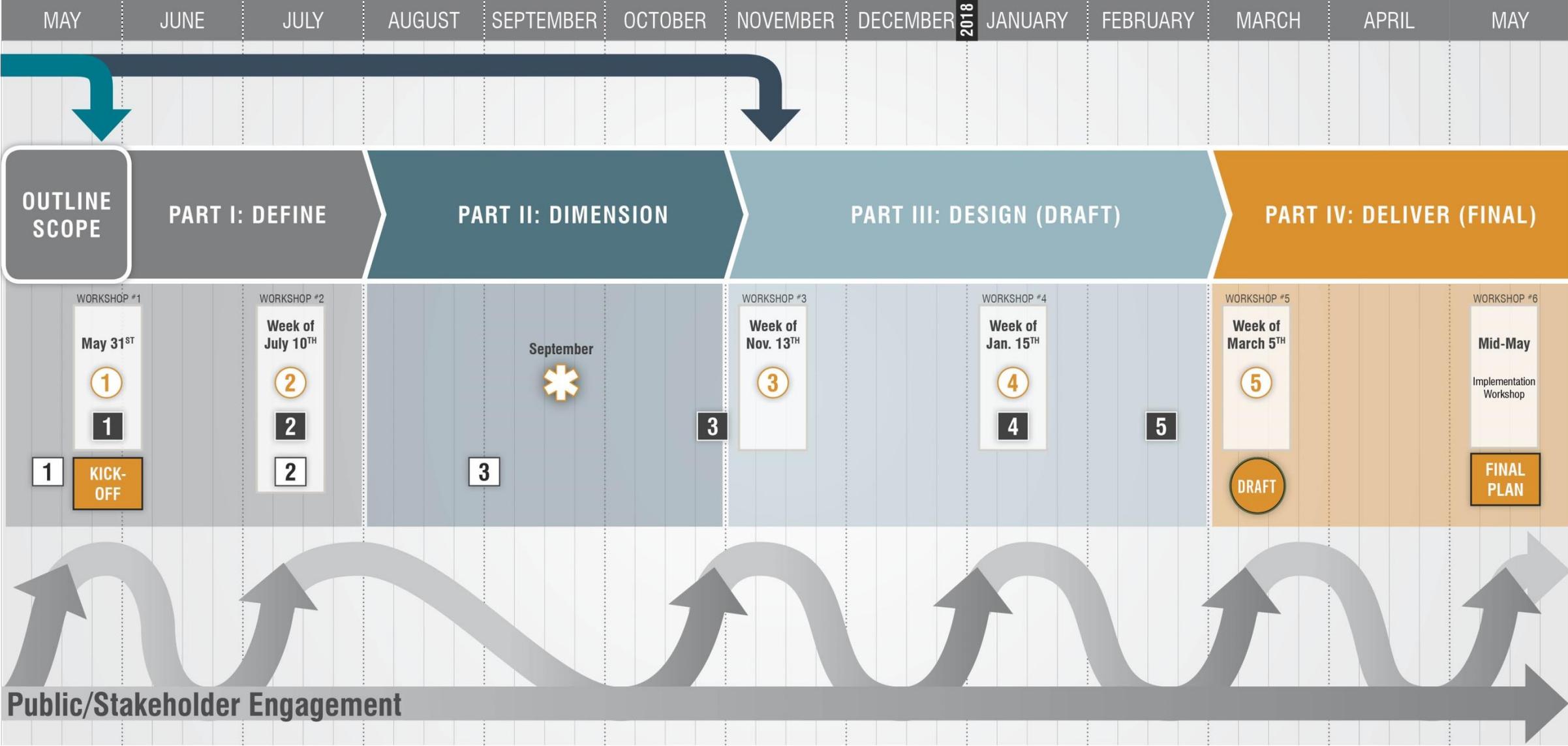
Scenarios may include:

- Increasing pipe/culvert sizes
- Adding stream crossing capacity
- Installing a large detention facility



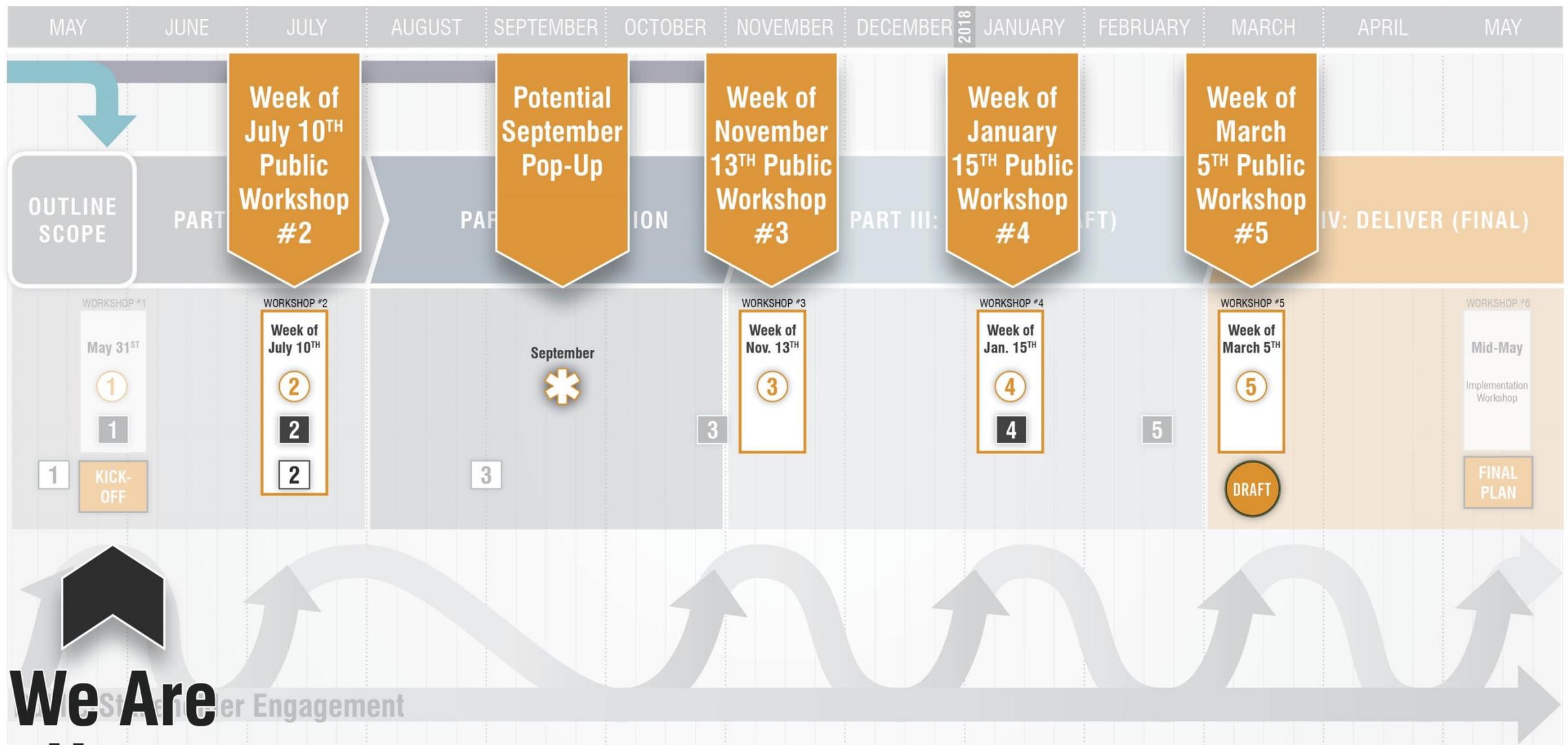
Process Diagram

-  Public Meeting
-  Technical Team Meeting
-  Army Corps Study
-  MPAT Meeting
-  Special Pop-Up Engagement
-  McCormick Taylor H&H Study



Upcoming Input Opportunities

-  Public Meeting
-  Technical Team Meeting
-  Army Corps Study
-  MPAT Meeting
-  Special Pop-Up Engagement
-  McCormick Taylor H&H Study



We Are Here



DAY 1 | July 11

- Technical Team Coordination Meeting
- Site Assessment
- Master Plan Advisory Team (MPAT) Meeting
- **Public Meeting #2A**
(Tentative Date)

DAY 2 | July 12

- Stakeholder Focus Groups
- Business Consultations/ZIP Code Surveys

DAY 3 | July 13

- Continued Stakeholder Focus Groups
- Continued Site Assessment

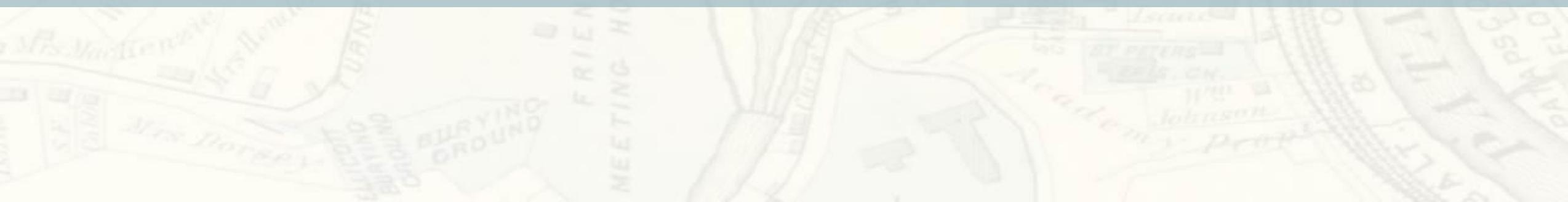


Potential Pop-Up Engagement September 2017



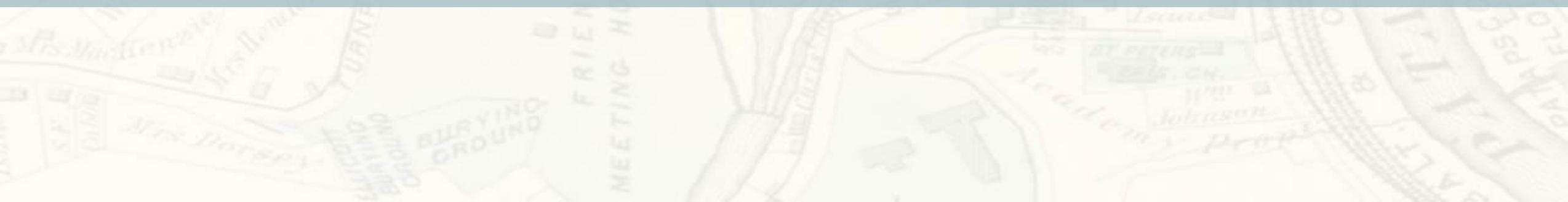


QUESTIONS ON THE MP SCOPE AND/OR SCHEDULE?





MARK DELUCA, HOWARD COUNTY PUBLIC WORKS



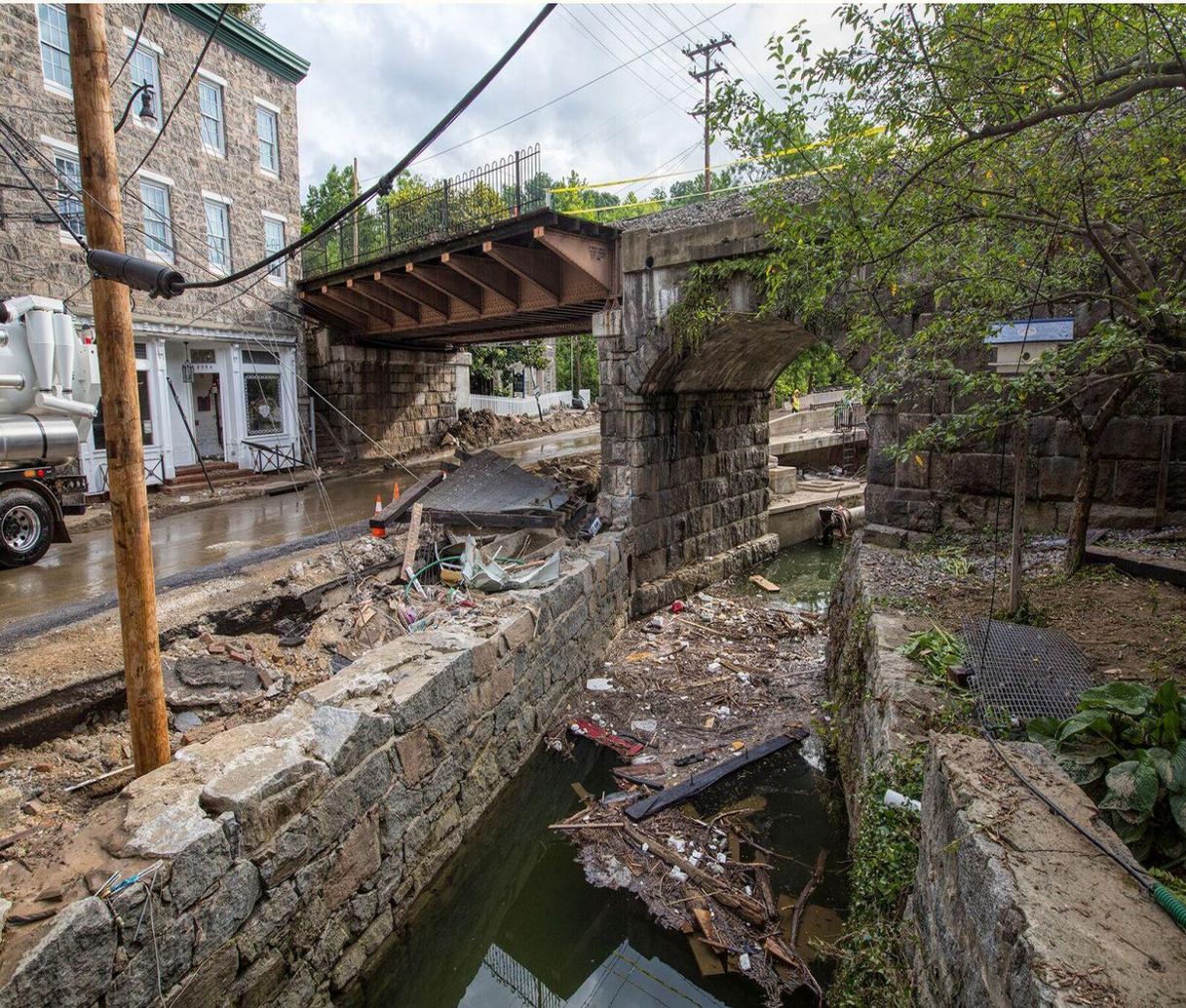






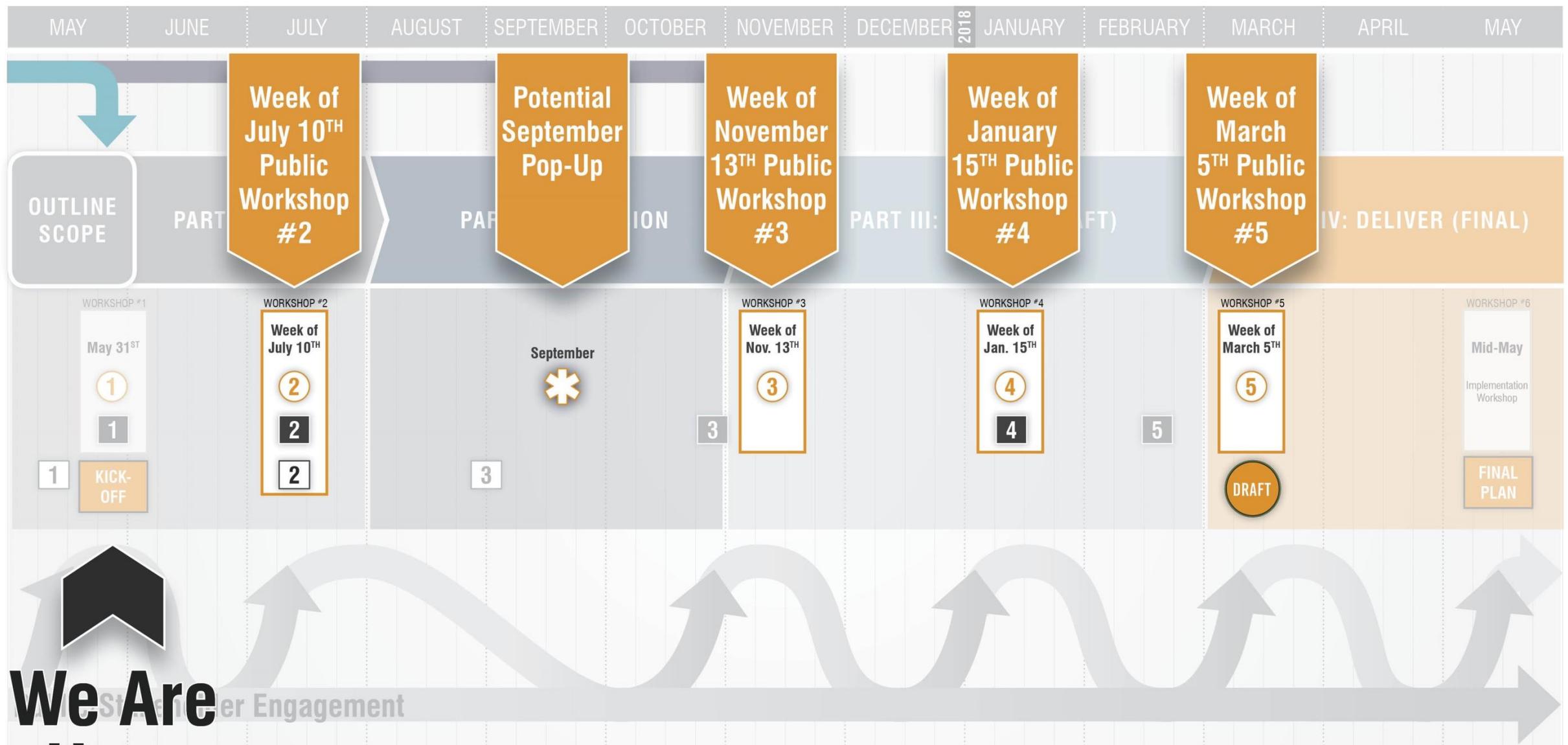




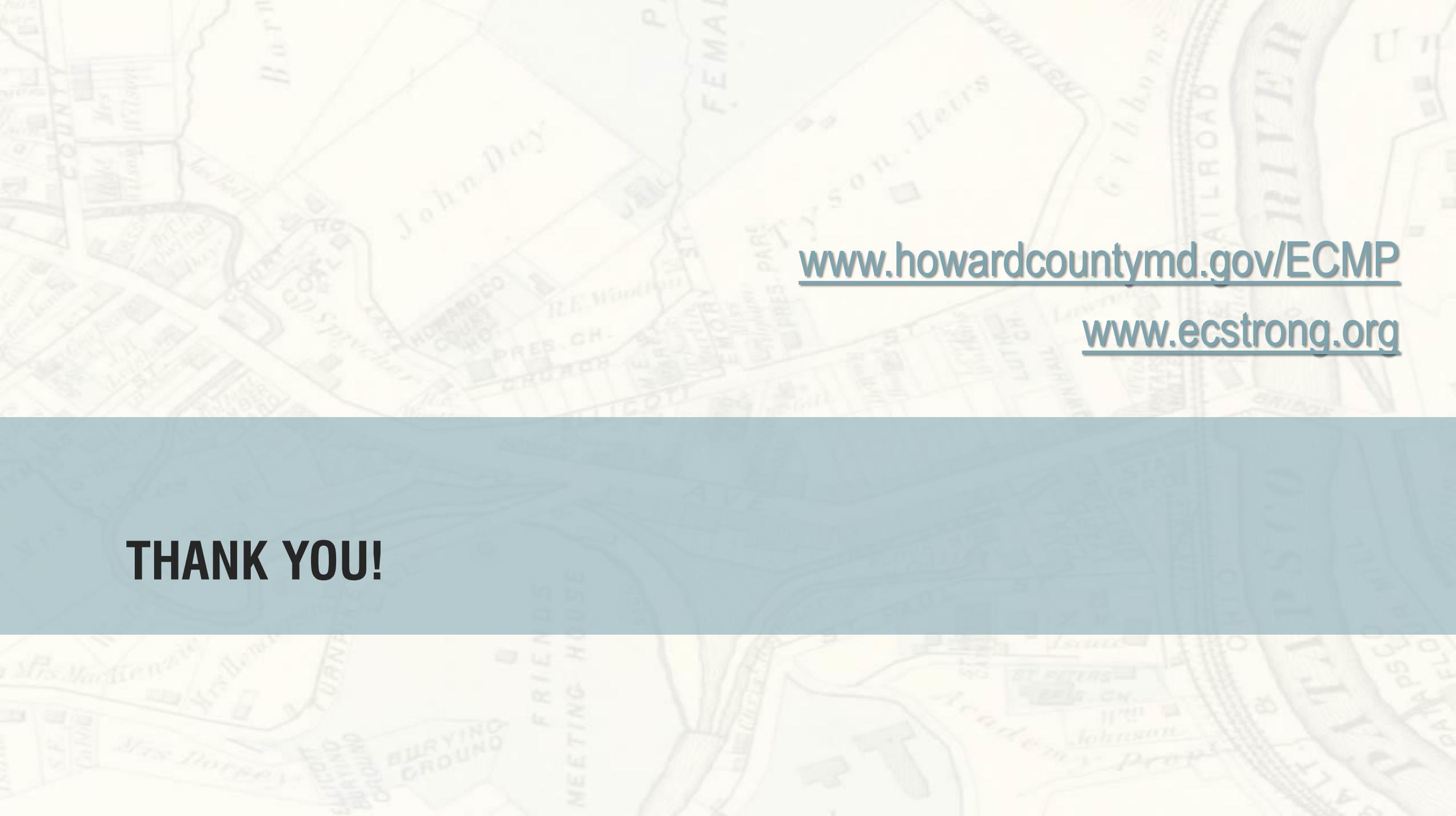


Upcoming Input Opportunities

-  Public Meeting
-  Technical Team Meeting
-  Army Corps Study
-  MPAT Meeting
-  Special Pop-Up Engagement
-  McCormick Taylor H&H Study



We Are Here
 Center Engagement

A historical map of a town area, likely from the 19th century. The map shows a grid of streets, including Barnum, John Day, Howard, and others. There are also labels for various buildings and landmarks, such as 'FRIENDS MEETING HOUSE' and 'BURYING GROUND'. The map is rendered in a light, faded style.

www.howardcountymd.gov/ECMP

www.ecstrong.org

THANK YOU!