

ELLICOTT CITY

Founded in 1772 as Ellicott Mills- America's first factory town. It's successes and disasters have always been tied to the Patapsco River and its tributaries.





Setting the Stage

Framing the questions

- Immediate Challenges
 - Health and Safety
 - Historic Resources
- Immediate Needs
 - Building Stabilization
 - Critical Repairs- History v Safety?
 - Debris cleanup and Removal
- Safety as a Priority
 - Property access rights v safety of the individual



July 30- 2016- Timeline of the flood

6:45 p.m. Rain begins to fall in Ellicott City

7:18 p.m. The NWS issues a flash flood warning as the tributaries of the Patapsco River begin to rise

7:45 p.m. The heaviest rain falls. A total of 6.60 inches of rain falls on Ellicott City within 2 hours. This volume of rain is classified by the NWS as a 'thousand year storm'- there is a 0.1% chance that a storm like this will occur in a single year

8:01 p.m. The first reports of flooding near Ellicott City occurs. Howard County 9-1-1 begins taking calls. By the end of the event it will have received 4x its normal calls. Let's listen to just a few minutes of those calls

Howard County 9-1-1:

1052 calls received



Security Footage from Bean Hollow



Parking Lot D, behind Main Street.
The Tiber and the Hudson



Maryland Avenue at Main Street near the Patapsco



Rescue on Main Street. Video Credit: David Dempster



Parking Lot D. The Tiber and the Hudson



Main Street Security Video Footage



West Main Street



Maryland Avenue and Main
from the 2nd floor of the
Phoenix Restaurant

Immediate Aftermath: View east down Main Street



Photo Credit: Howard County Government

Buildings- 8100 block of Main

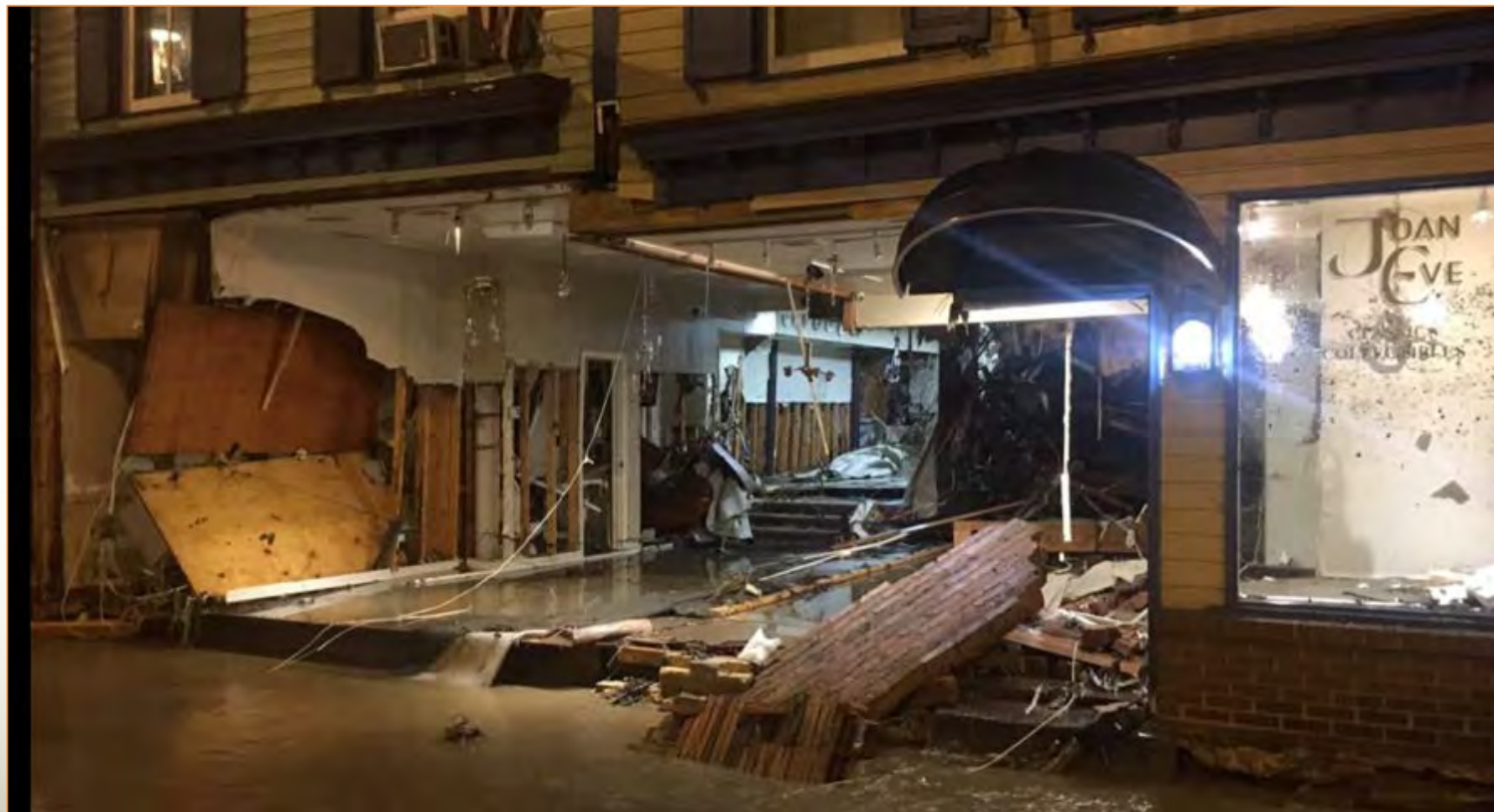


Photo Credit: Howard County Government



Main Street



Photo Credit: Washington Post

Main Street at the Patapsco



8100 Main Street looking east



Cars downstream in the Patapsco





Immediate Challenges-

Sewer leaks dumped 25 million gallons of raw sewage in the watershed creating hazardous conditions for first responders and volunteers.



Sucker Branch Tributary





Immediate Challenges-

Gas leaks, cars and other large debris create safety & access issues



Photo Credit: The Baltimore Sun



Immediate Challenges-

Sidewalks and Roadways are damaged and unstable



Photo Credit: The Baltimore Sun



Immediate Challenge-

8-11 buildings deemed unsafe and slated for demo





Immediate Challenge-

Loss of critical architectural materials





Immediate Need- Building Assessment, Stabilization materials and crews



Stabilization- 8100 Main
Joan Eve/Johnson Buildings





Immediate Need- Building Assessment, Stabilization – Caplan's





Immediate Repairs-

Safety v. Historic?





Day 4: Safety v Access:

Public Access allowed to business and property owners and their volunteers. An overwhelming and emotional process.



Video credit: Patapsco Heritage Greenway



Volunteers — community groups and individuals provide critical support to the recovery





Debris cleanup ranges from the overwhelming...





To the littlest of things...





Despite challenges, the recovery has been marked by a sense of optimism and resilience. The community has been overwhelmingly supportive. Businesses and property owners have been patient with the complex process of recovery.





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REBUILDING ELICOTT CITY:
A RESILIENT COMMUNITY

Ellicott City Recovery Effort: Preservation Maryland

RENÉE NOVAK

Resource Center Field Director



**PRESERVATION
MARYLAND**

PM in Ellicott City:

- In response to the July 30th flood, PM named Ellicott City one of it's "Six-to-Fix" sites for 2016-2017
- Established a temporary Resource Center on Main Street with two PM staff members to help provide technical preservation assistance and guidance for rebuilding using financial incentives, such as historic tax credits and loans
- Preservation assistance to over 78,000 sq. ft within historic district
- Partnerships were critical to success. PM worked closely with local organizations/non-profits and County government

HEC/PM Revitalization Grant Program

- PM partnered with Historic Ellicott City, Inc. (HEC)
- Open to non-profits, religious institutions, and County agencies
- Eligible projects include: repair and rehabilitation; public programming; and planning projects for historic properties in historic district
- \$50,000 in total funding; individual grants from \$2,500-\$10K

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8109-8113 Main Street
saved from demolition



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AUTODESK RECAP



3D Laser Scanning and drone survey data of Caplan's building (8125 Main Street),
c/o Direct Dimensions and Elevated Element

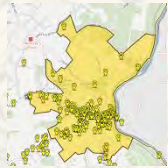
Challenges from a Property Owner's Perspective:

- Catastrophic property damage, merchandise lost
- Loss of income as well as rental income
- Little to no flood insurance reimbursement
- Challenges with the permitting and review process, who's on first, what resources are available, and what it means to rebuild in a historic district.
- Application fatigue

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Legend

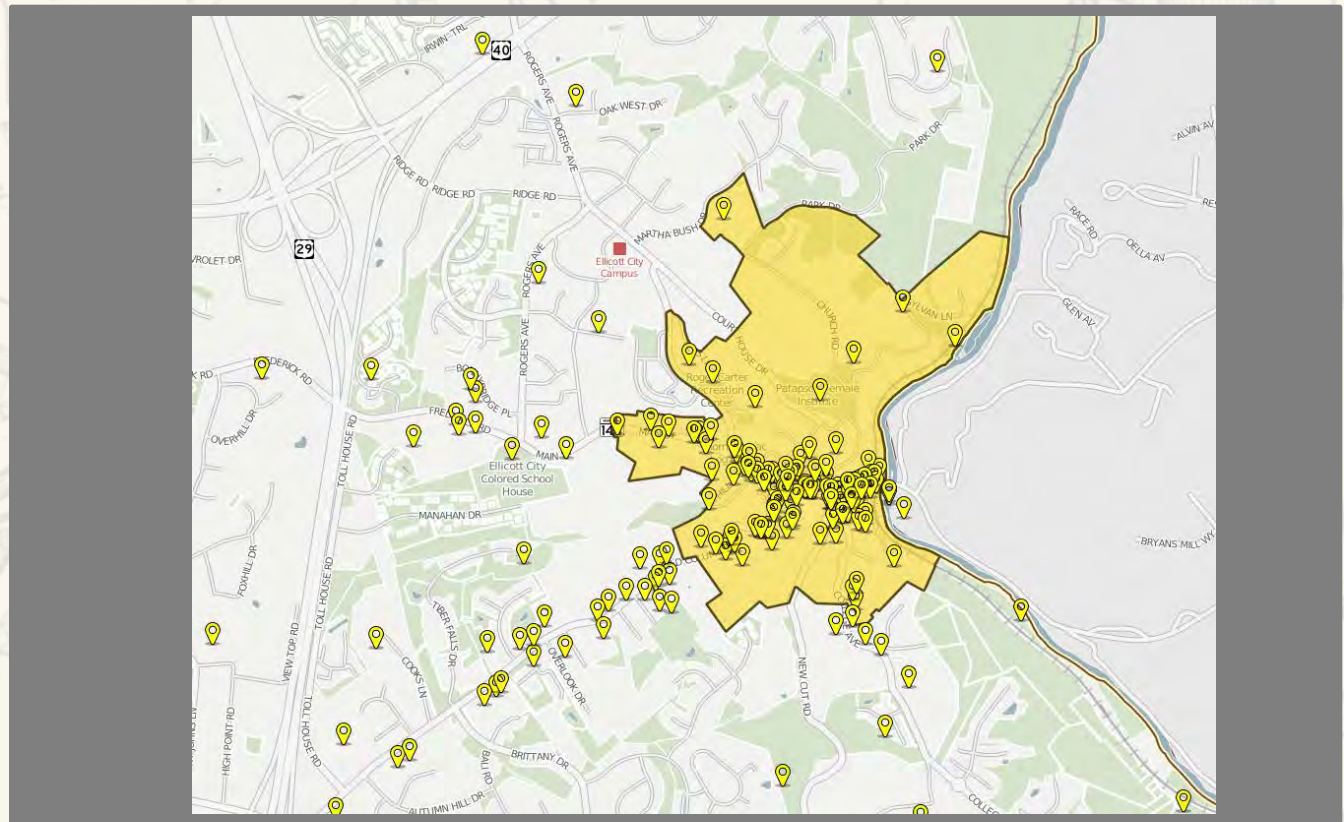


Ellicott City
Historic
District
(historic
properties
are eligible
for county tax
credits)*



County Historic
Sites Inventory
(eligible for County tax
credit)*

*Historic properties outside of
the district not currently listed
on the inventory may be eligible
for tax credit preapproval.
Contact Samantha Holmes with
Howard County (410-313-2350).

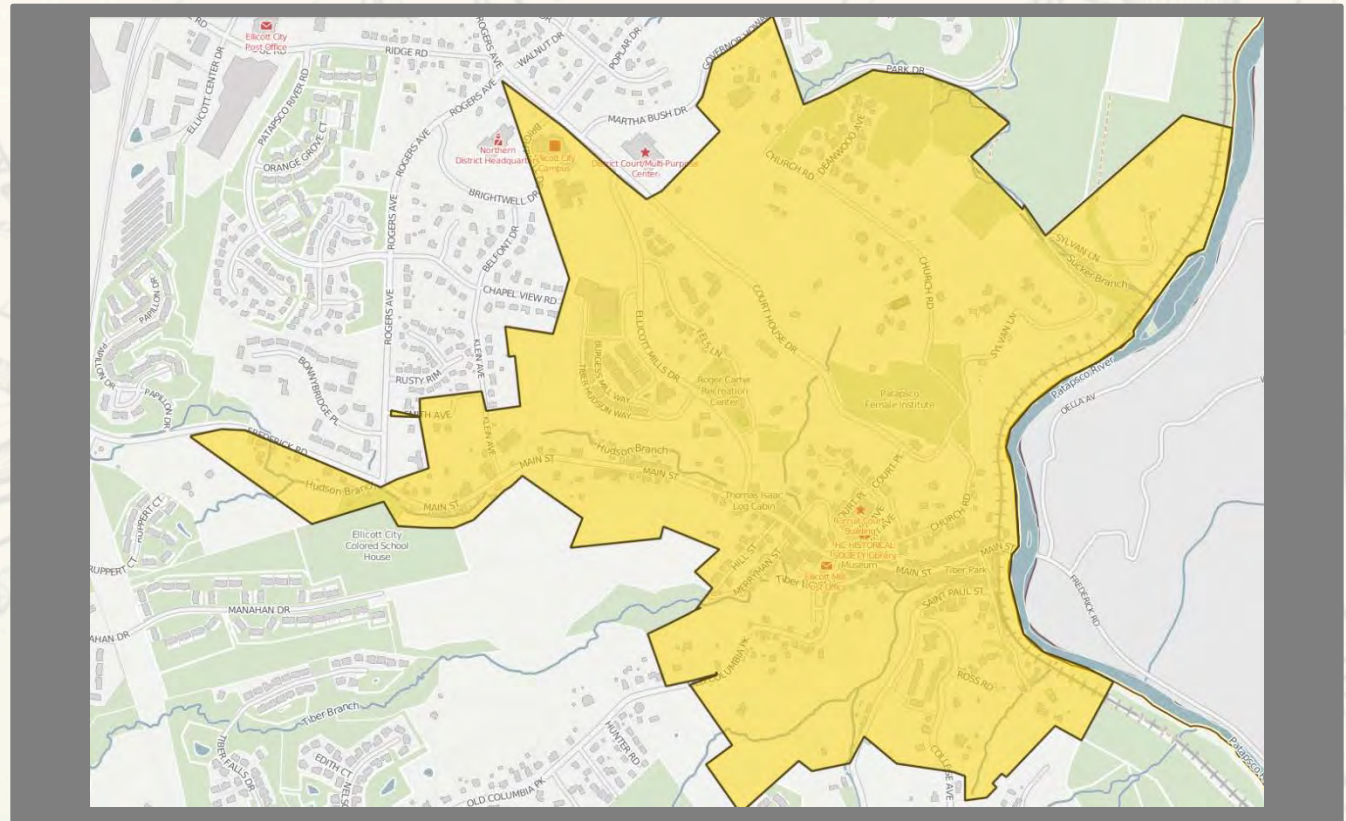


Local, State, and Federal Historic Tax Credits

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Façade Grant Area
Sustainable Community
Boundary (larger than
Historic District)



Façade Improvement Grants

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PRESERVATION CHALLENGES IN THE FIELD:



How do you restore a Main Street?

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How do
you
properly
treat
MOLD?

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8133 Main Street, formerly Craig Coyne Jewelers

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Foundation and
waterproofing
concerns



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Safety/Egress



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Tersiguels' basement windows were damaged by hydrostatic pressure from flood waters. They replaced the fixed sash with glass block

Replace historic flooring and other materials in-kind... is it always possible?



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September 2016

Caplan's building interior



March 2017

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October 2016



December 2016

Portalli's, 8085 Main Street

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Insul Deck flooring system



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Great Panes, 8069 Main Street



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Sidewalk repairs in historic district



recovery

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The West End residential area



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St. Luke's AME Church,
intersection of Ellicott Mills
Drive and Frederick Road



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*Topographic
challenges*

8511 Frederick Road,
Owner-occupied residence



Lessons Learned:

- Get in early immediately after the disaster; establish a network. Reach out to the response teams to make sure preservation is a part of the initial discussion
- Work closely with existing local non-profits or religious groups to form critical partnerships
- Be prepared with supplies (especially dealing with mold), i.e.: hard hats, gloves, ventilator masks, construction vests, water, flashlights, boots, etc.
- Learn to be patient and empathize with property owners
- If possible, have some kind of funding mechanism upfront to assist with initial preservation efforts

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One-Year Anniversary Flood
Commemoration Weekend:

July 29th - July 30th, 2017

THANK YOU

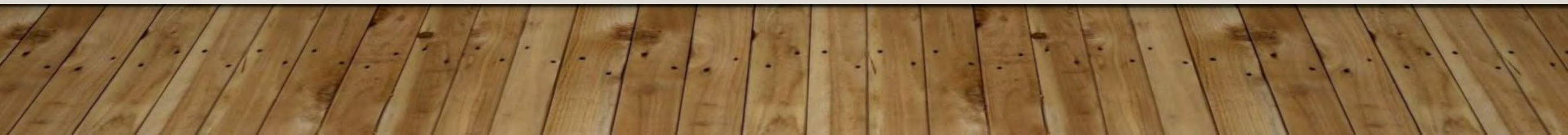


PRESERVATION
MARYLAND



HISTORIC ELLCOTT CITY LESSONS LEARNED

BETH BURGESS
RESOURCE CONSERVATION DIVISION, CHIEF
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY GOVERNMENT
JULY 12, 2017



EMERGENCY RESPONSE



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www.ECfloodrecovery.org



HEALING: Foster the healing process for community members through the access of a wide range of social and financial resources.



STABILITY: Find immediate and long-term housing solutions for residents displaced by the flooding.



ECONOMY: Expedite business recovery and restore long-term economic growth.



REBUILDING: Rebuild Historic Ellicott City with an emphasis on resilient infrastructure through flood mitigation.



PRESERVATION: Preserve Historic Ellicott City's unique and cherished architectural characteristics that have always attracted visitors.



ENVIRONMENT: Pursue and implement projects that ensure the continued vitality of our natural resources in pursuit of a sustainable quality of life.

- Life Safety
- Incident Stabilization
- Property Conservation
- Environment

Residents

Weather Media
Historical Community
Security Infrastructure
Risk Safety Public Owners
Business Insurers VIPs Property

COUNTY WIDE INITIATIVE





STATEWIDE RESPONSE



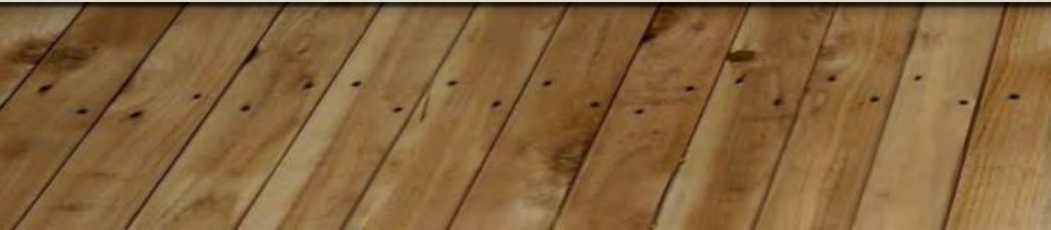














PRESERVATION MARYLAND

Help Bring Technical Assistance to Historic Ellicott City!

Help Preserve the Places
that Matter in Historic

[Forget this device.](#)

[fastAction](#) ?

1

Amount

2

Details

3

Payment

patapscoheritagegreenway.org/heritage/

Patapsco Heritage Greenway

Menu



DEPARTMENT OF PLANNING
MARYLAND HISTORICAL TRUST



#ECStrong Job Fair for workers impacted by the Ellicott City flood

Monday, August 8, 10 a.m. to 1:30 p.m.

Disaster Assistance Center (DAC)

Ellicott City 50+ Center, 9401 Frederick Road, Ellicott City, Md.

Businesses in retail, food service and other areas have identified immediate temporary and permanent employment opportunities for displaced workers.

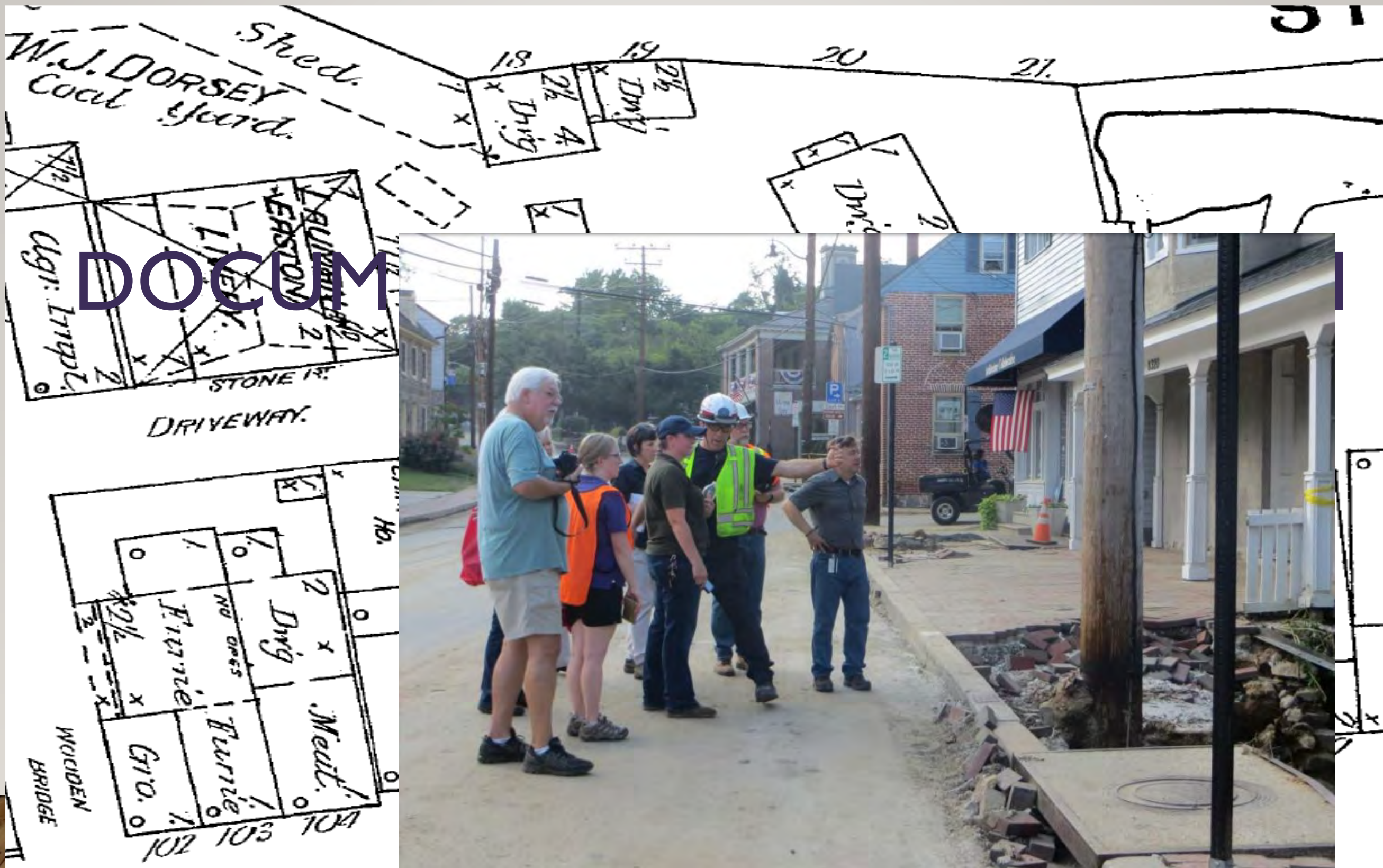
Businesses seeking to hire individuals -

contact the Office of Workforce Development

at 410-290-2620 or email at owd@howardcountymd.gov

One-on-one resume and unemployment insurance assistance available.

- Healthy
- Partnerships



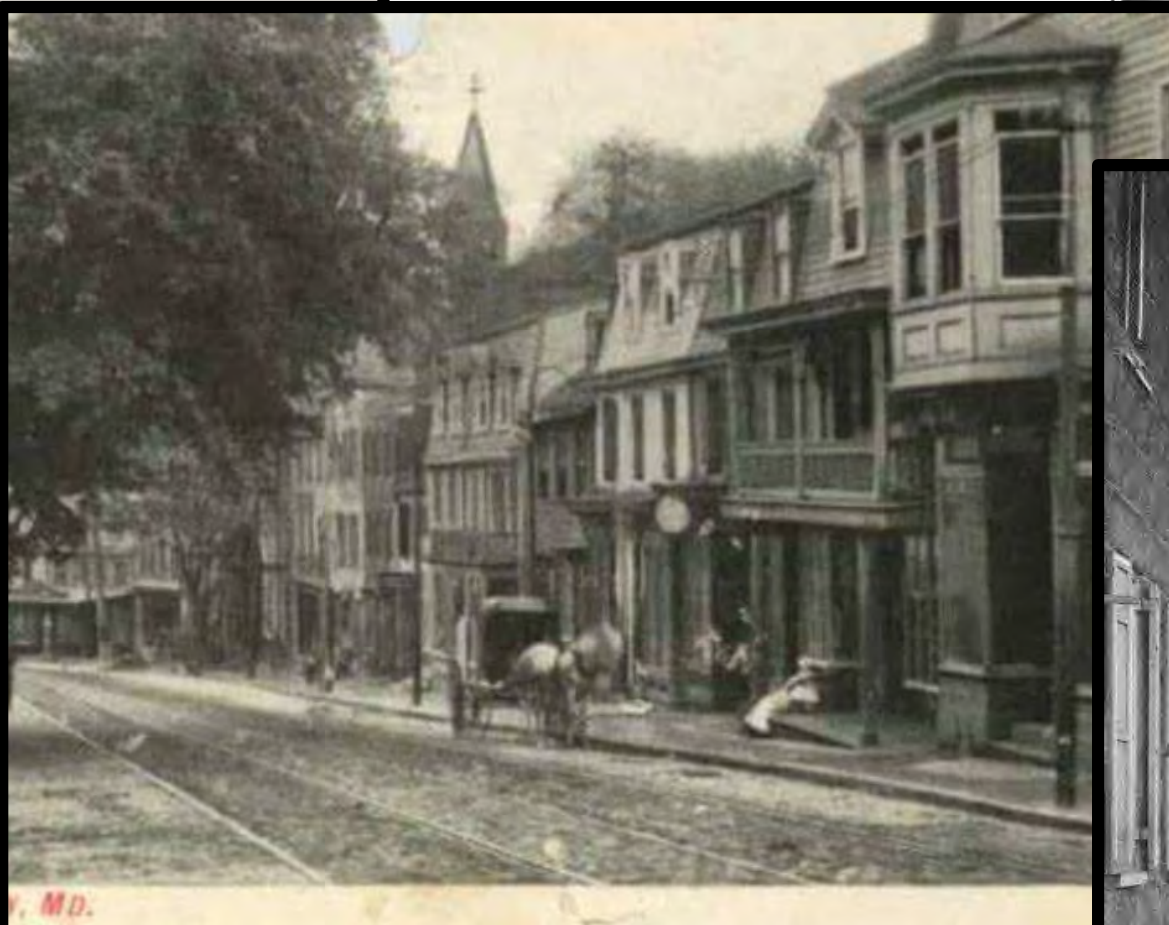
Architectural Significance Rating:

For Definitions - See Appendix

Condition: Good Fair Poor
Structure: ☒ ☐ ☐
Grounds: ☒ ☐ ☐
Neighborhood ☒ ☐ ☐

Preservation Index: B

Comments: Bad base floor.



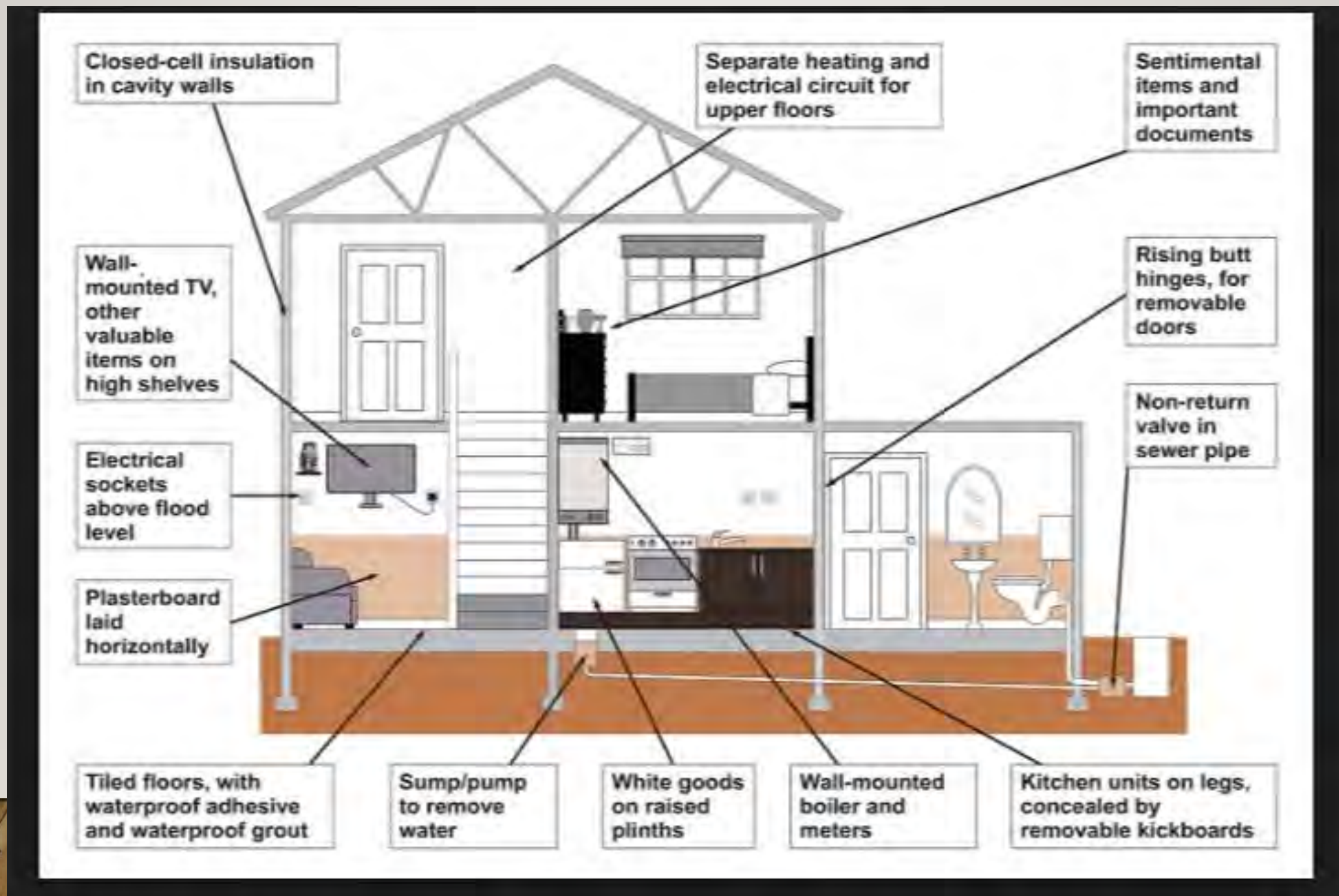


REBUILDING PROCESS

- Doubled Historic Preservation Commission Meetings
- Emergency Agenda Items
- New Legislation
- Streamline Processes
- Grants and Resources
- Teamwork; County Meetings
- Public Meetings



FLOODPROOFING MOVING FORWARD











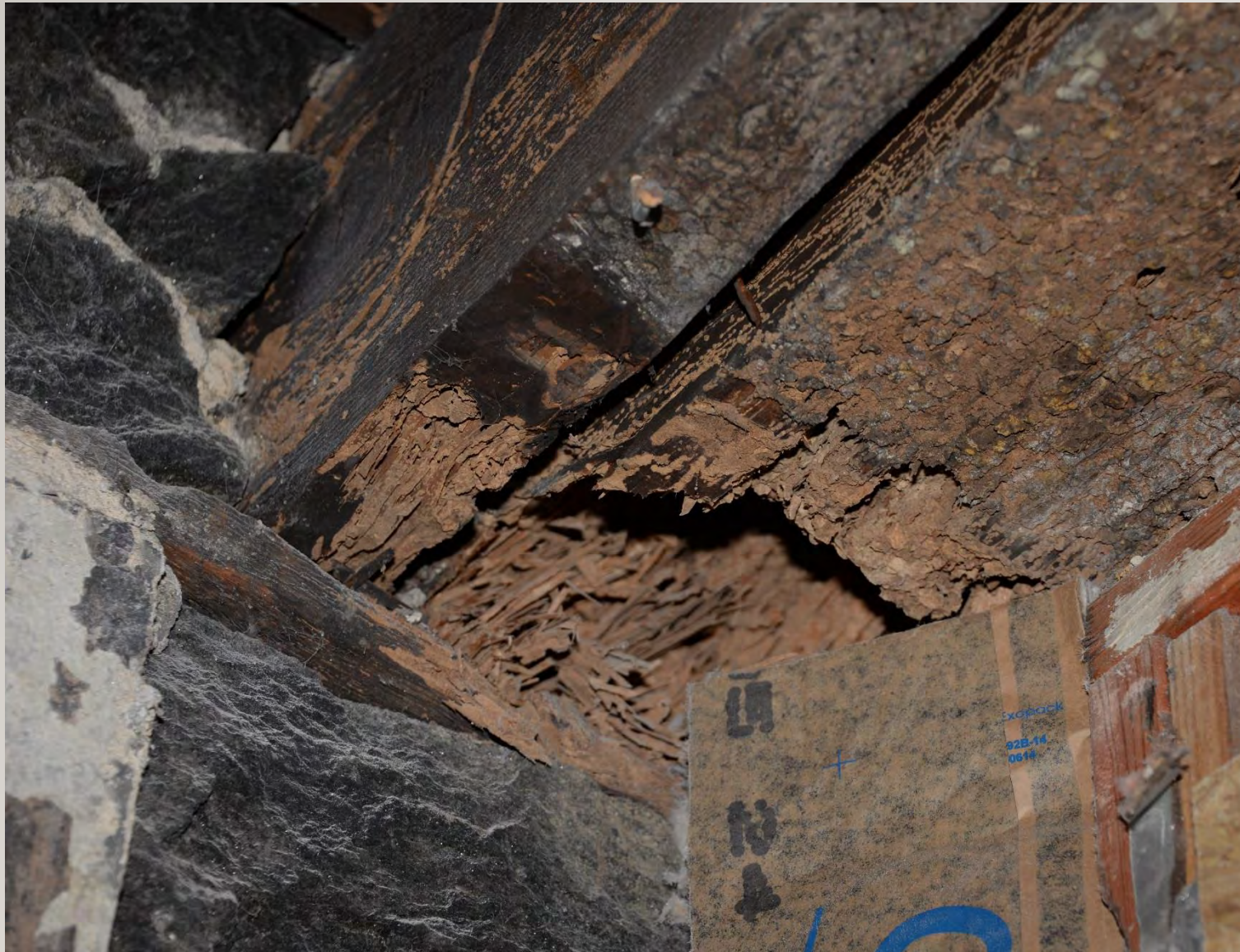


HISTORIC DISCOVERIES



















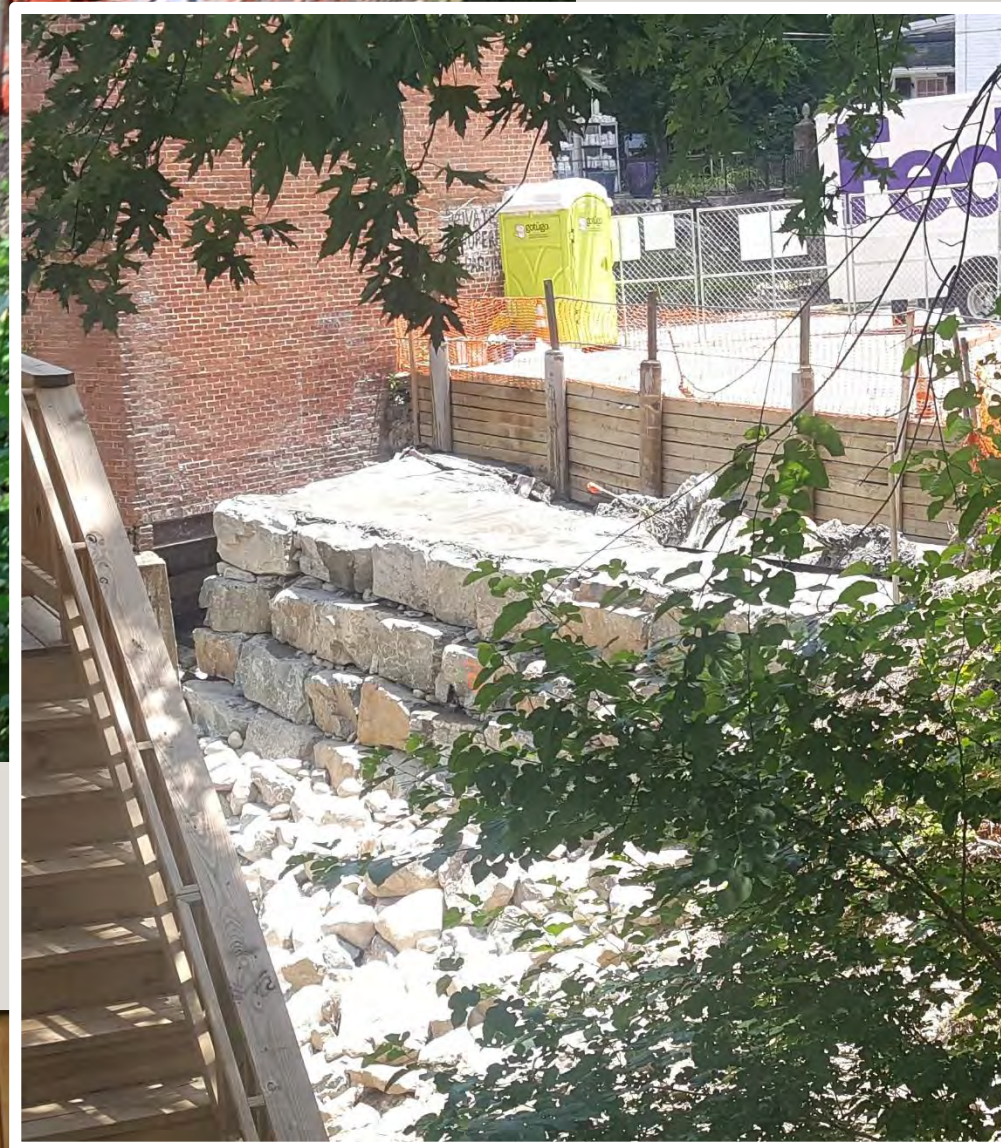
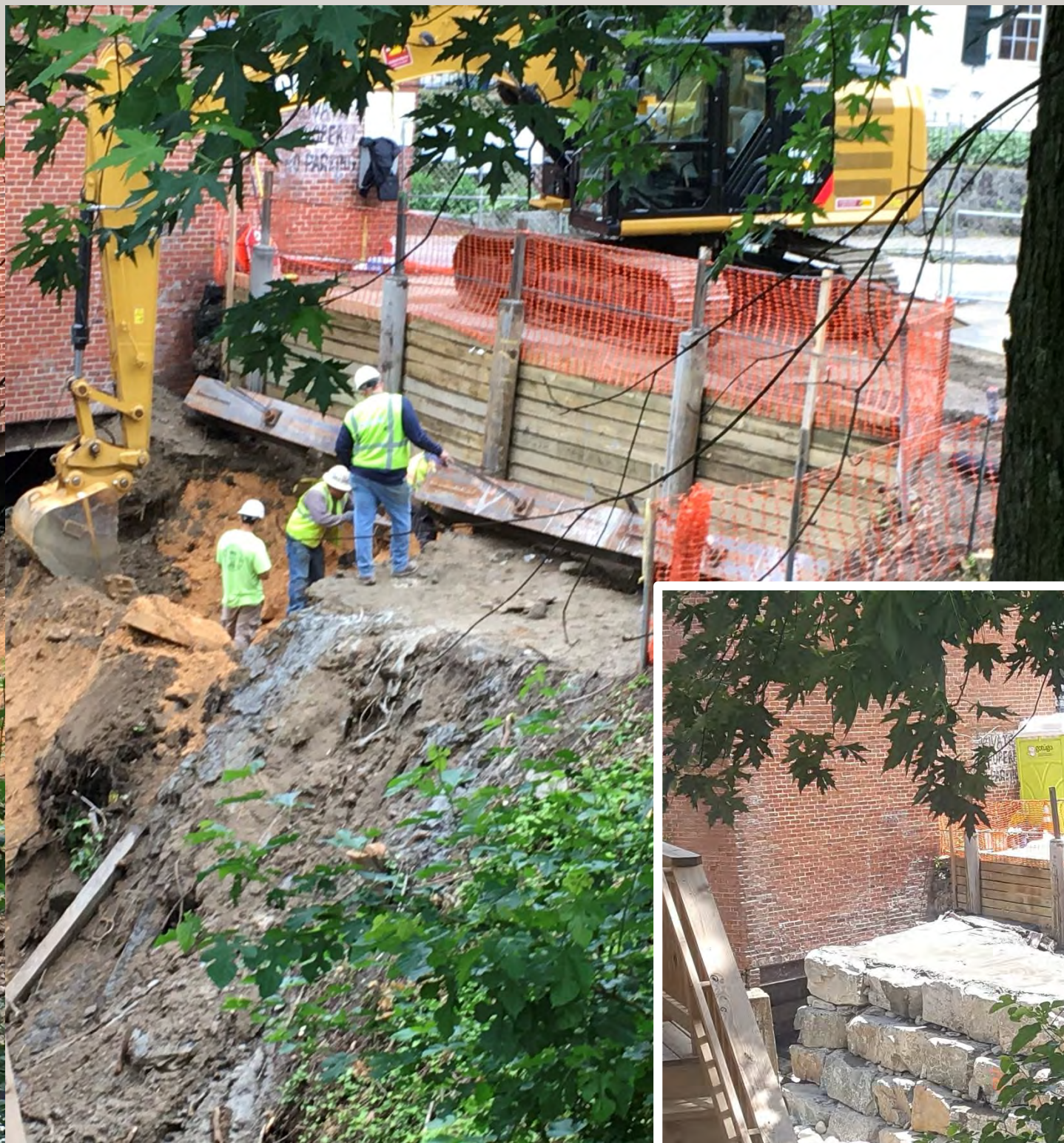


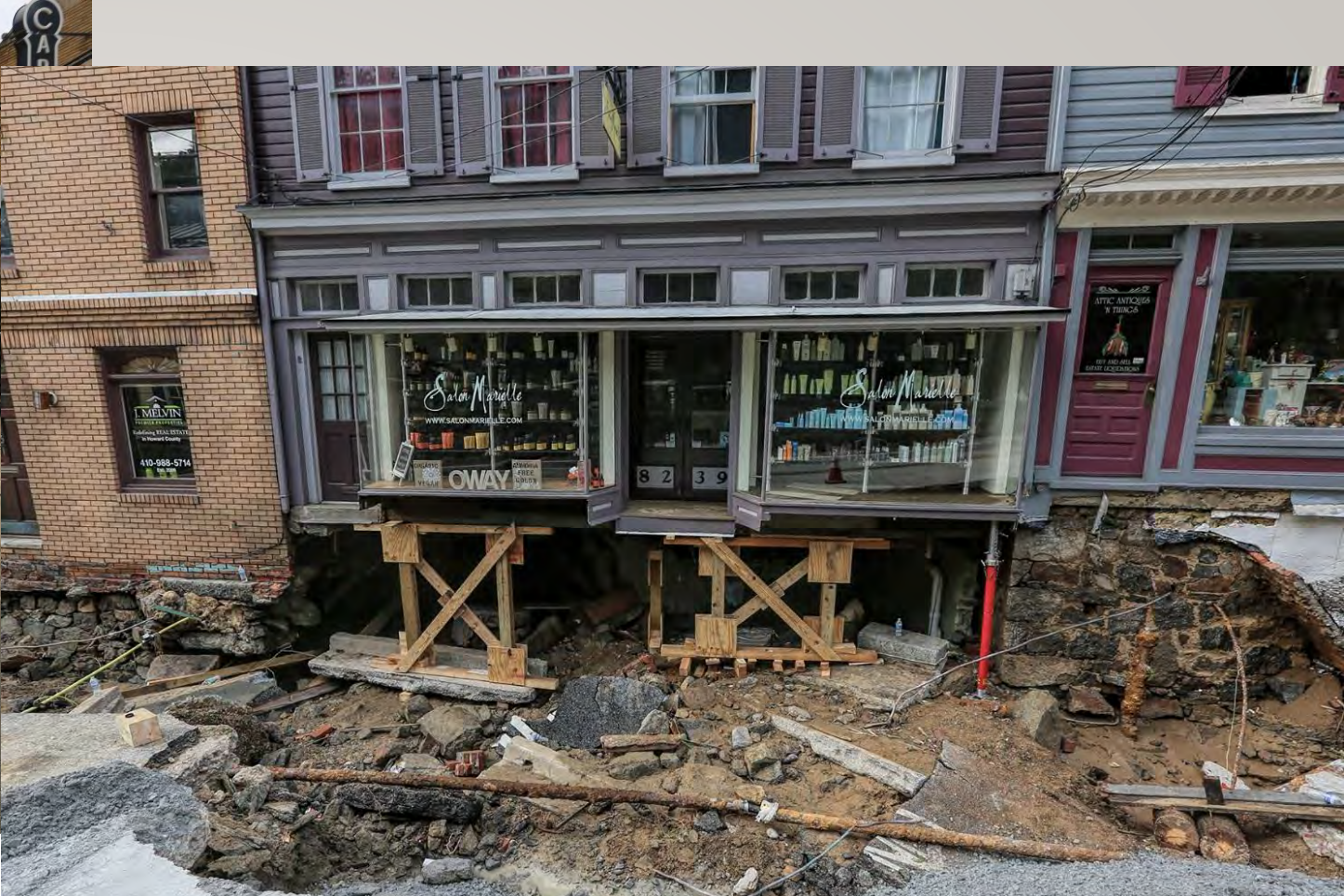


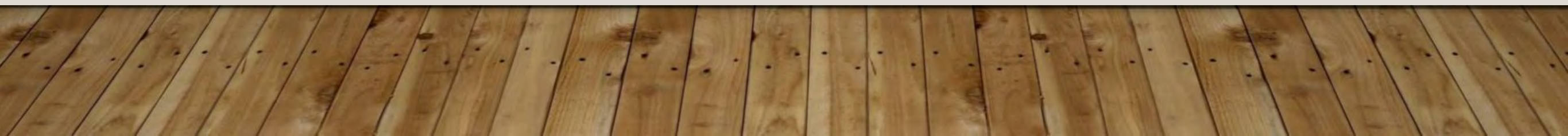








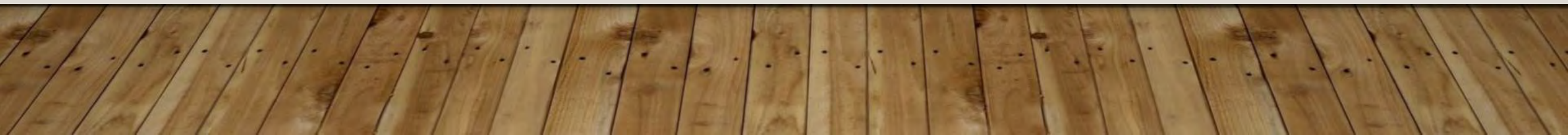


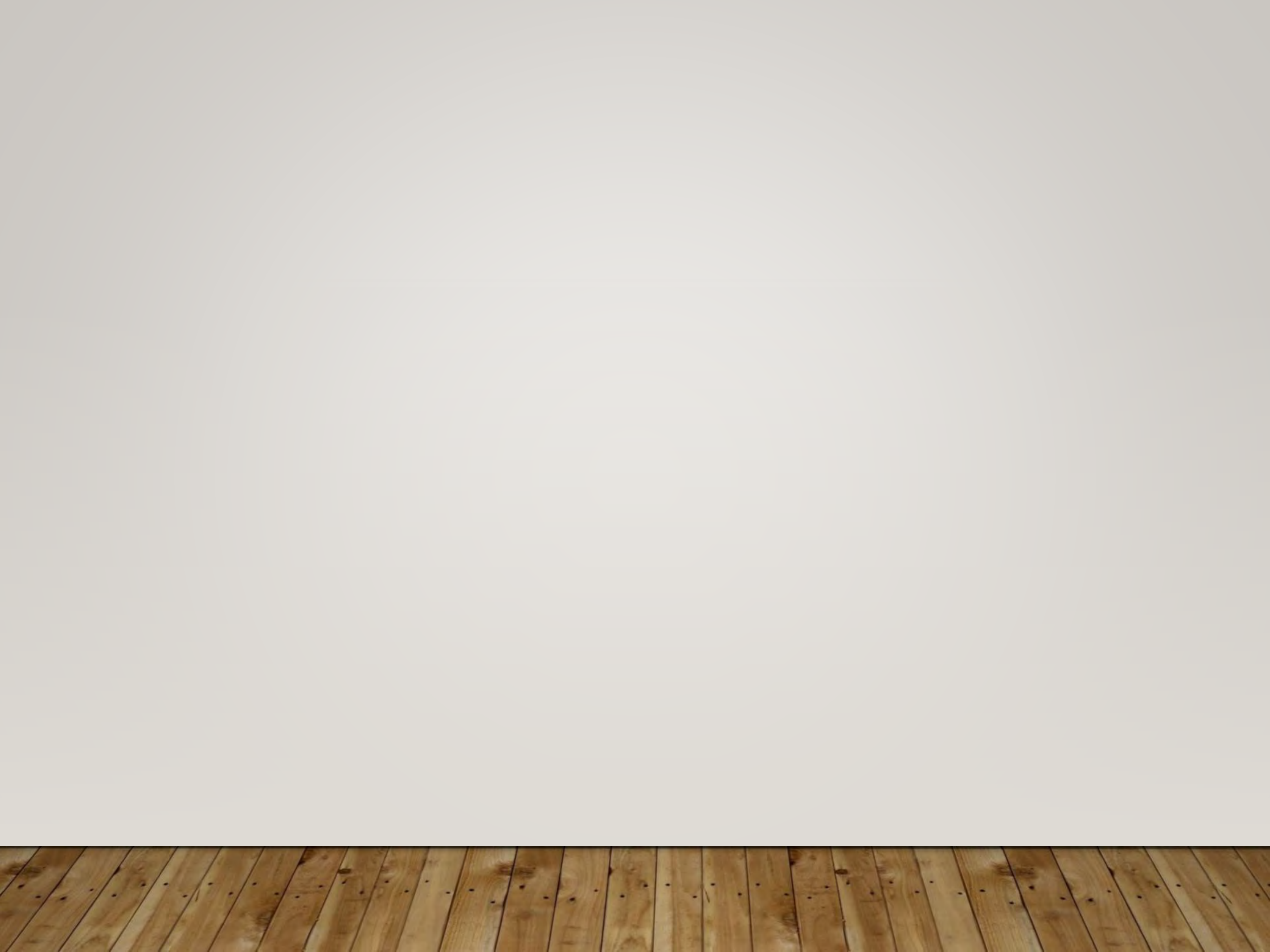




- Thank you!! 😊
- Beth Burgess
- Bburgess@HowardCountyMD.Gov
- 410-313-4341

- Thanks and Credits for Information, Photographs or Partnerships Used or Mentioned in this Presentation:
- Scott Kramer, Photographer, Howard County Government
- Mark S. Miller, Howard County PIO
- Kenneth Short, Howard County Government Architectural Historian
- Samantha Holmes, Historic Preservation Planner
- Howard County Historical Society
- Historic Preservation Commission
- Patapsco Heritage Greenway
- Preservation Maryland
- Maryland Historic Trust
- Maryland Department of Housing & Community Development
- Ellicott City Partnership
- Darkroom.baltimoresun.com





CATASTROPHES HAPPEN...



Heavy rains brought by the hurricane produced a flash flood in Ellicott City, which washed 21 cars down main street along with furnishings and store merchandise. Pictured are some of the cars piled up near the depot yard at Main Street and Maryland (Frank A. Miller/Baltimore Sun)



HAVE A PLAN...