



# MAIN STREET IMPROVEMENTS

## Water, Sewer, Stormwater and Streetscape Improvements



Presentation  
July 23, 2014

**AMT**  
CONSULTING ENGINEERS

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## Working with the City to design and prepare construction documents for Main Street Improvements

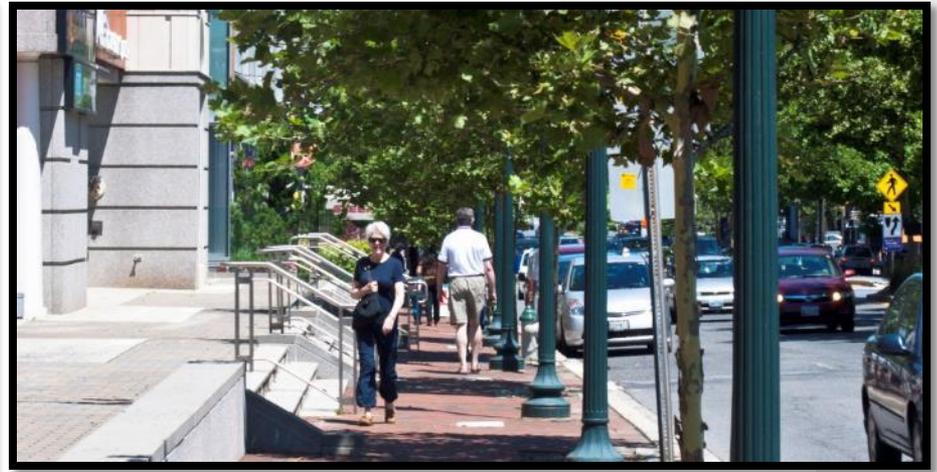
### A. Morton Thomas and Associates, Inc.

Geo-Technology Associates, Inc.

Goel Services

- Extensive experience with streetscape projects
- Extensive urban design experience
- Full-service design team
- Recent experience with City of Salisbury

# The AMT Team Experience





# Project Vision

Return Vibrancy



Create a Destination

Timeless, Memorable, & Inviting



Create Continuity, Safety, & Parking

Link Marina & Central Greenway

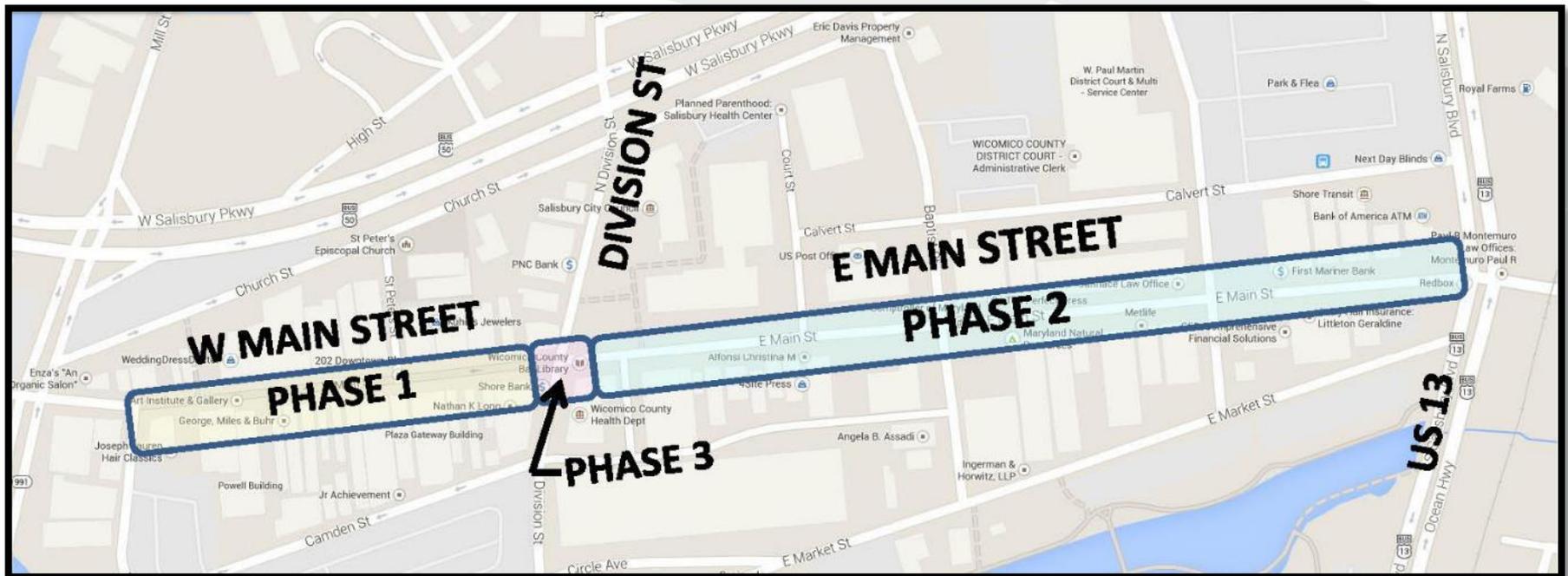


Enhance Architecture

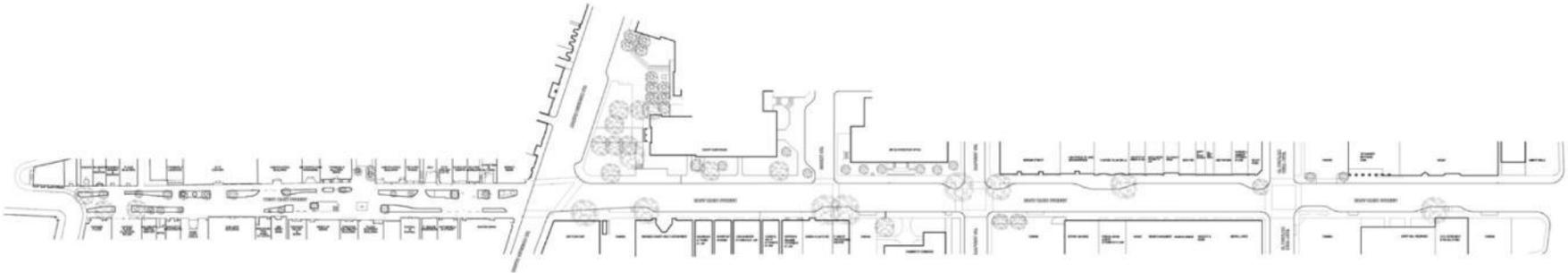


# Project Goals

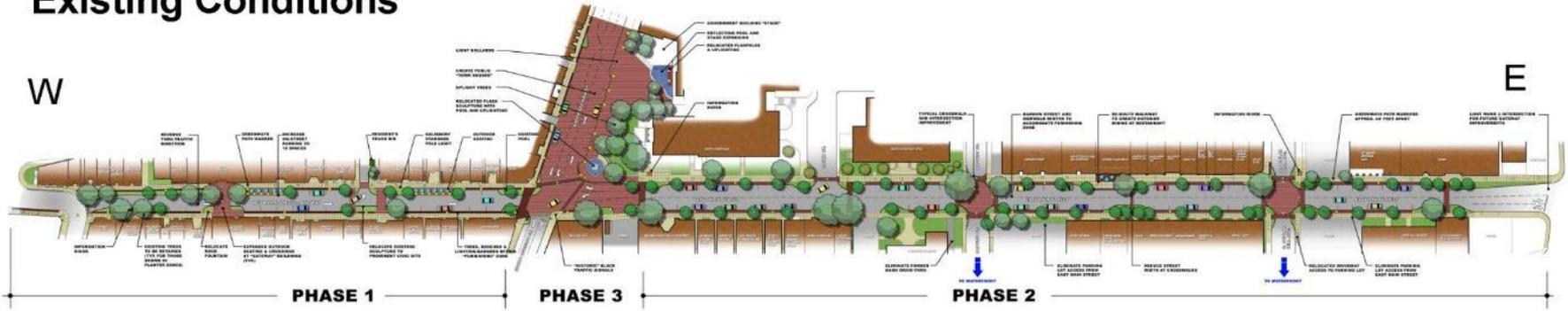
- Revitalize the Main Street corridor
- Create inviting, safe environment
- Provide access for pedestrians, bikes and vehicles
- Create a link between downtown and marina



# Project Masterplan – Project Limits



## Existing Conditions



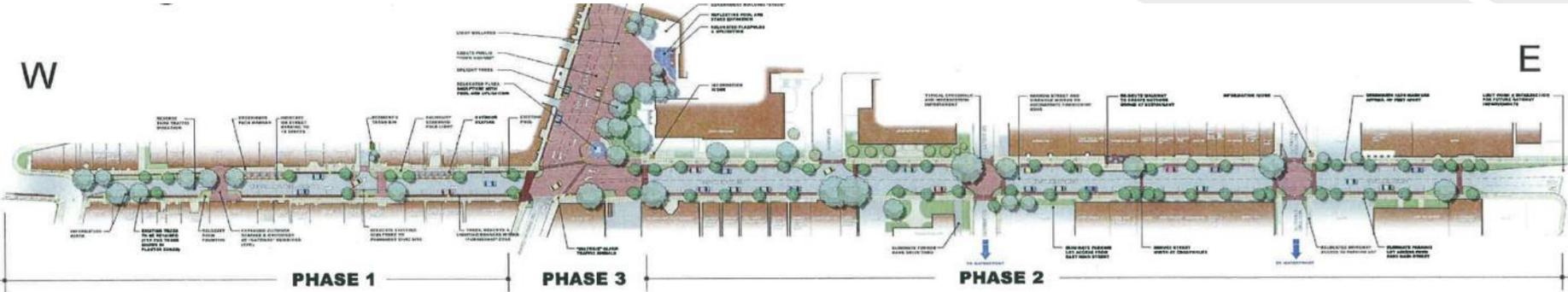
## Proposed Concept

**Downtown Salisbury Improvements  
Main Street Masterplan  
April 2009**

© 2009

# Project Overview

- Replace or improve:
  - *water mains*
  - *sewer mains and*
  - *storm drain structures*
- Design innovative SWM treatments
- Upgrade traffic control at Division St.
- Streetscape / landscape features
- Pavement repairs and replacement
- Reconstruct sidewalk and ramps



**\$1.3 million**

**\$1.8 million**

**\$1.9 million**

# Multi Use Corridor

## Corridor to include:

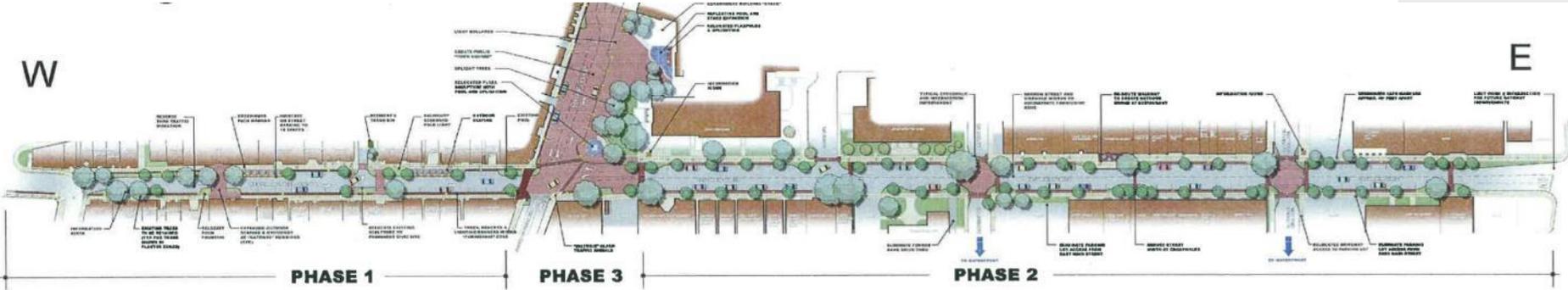
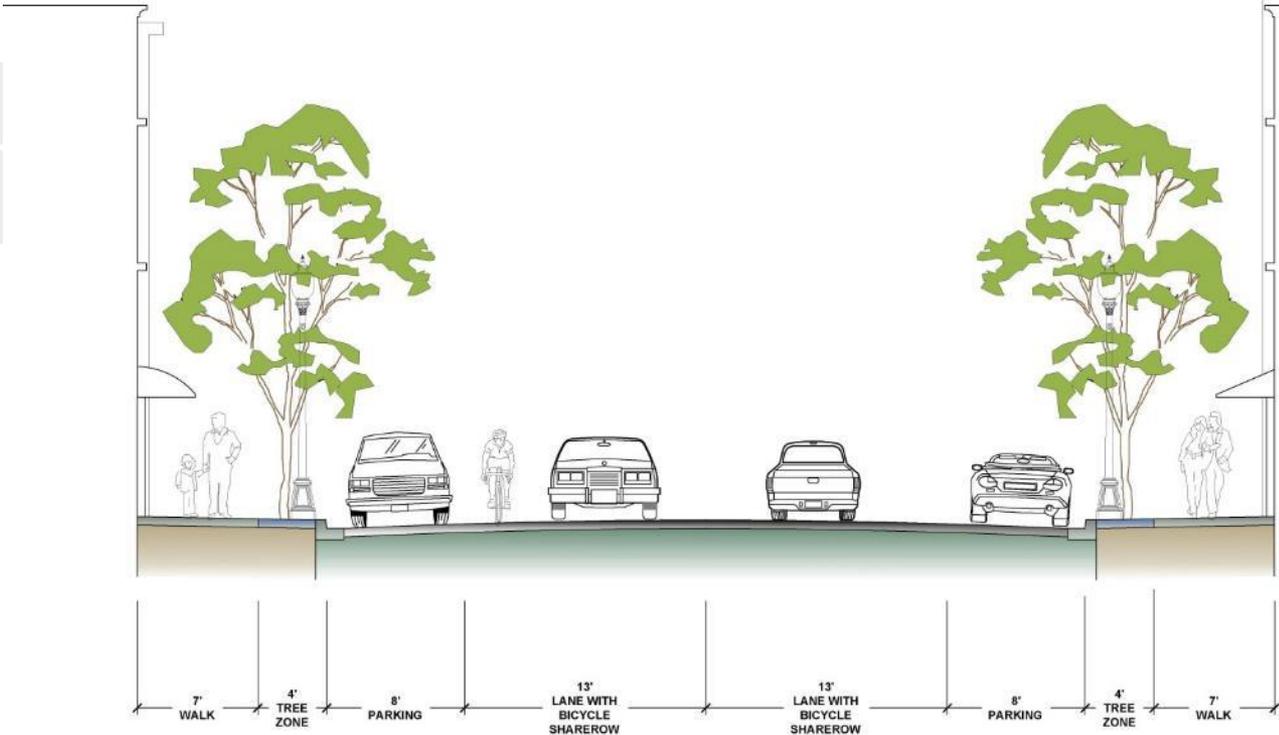
- *travel lanes*
- *bike lanes/ striping*
- *sidewalk*
- *on-street parking*
- *landscape features*







# Multi Use Corridor “East Main Street”



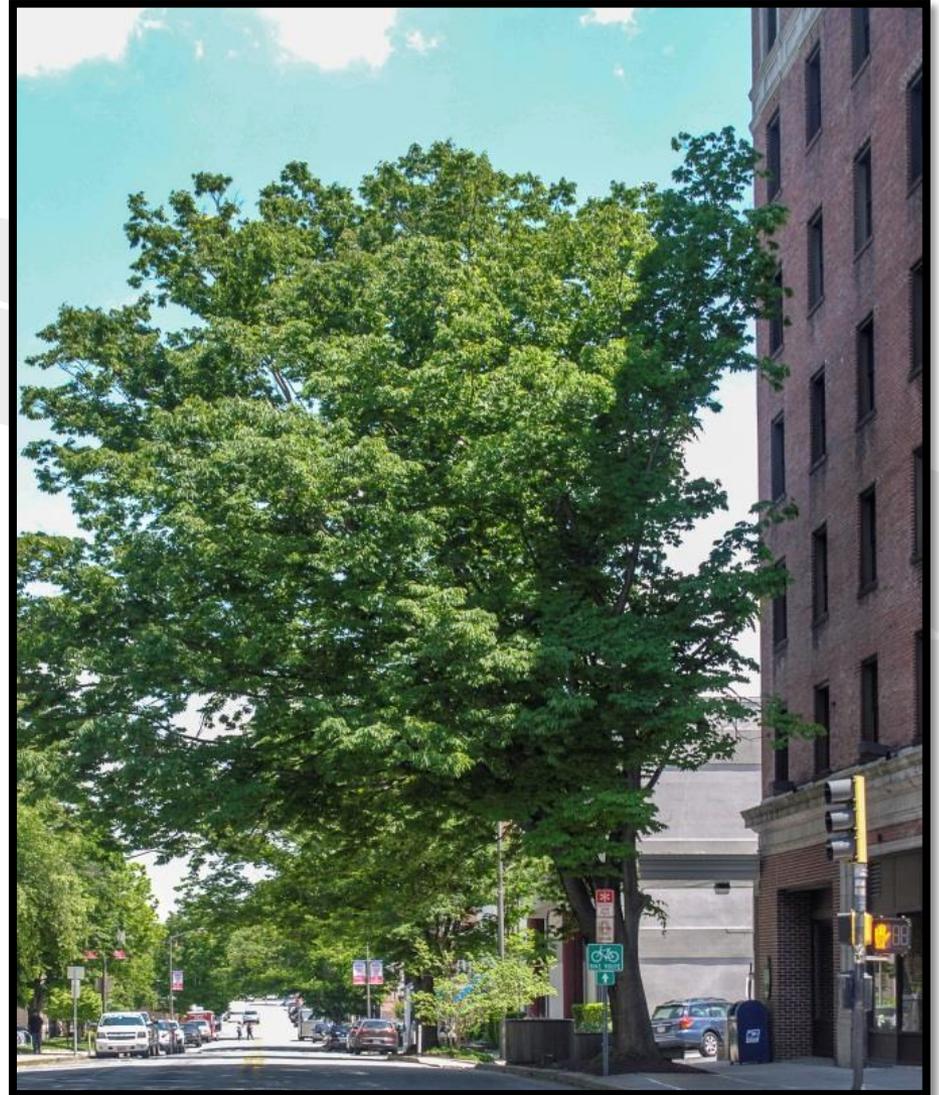
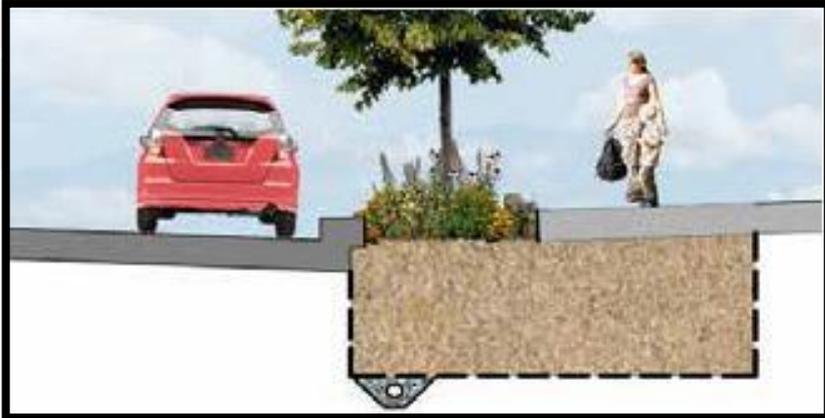




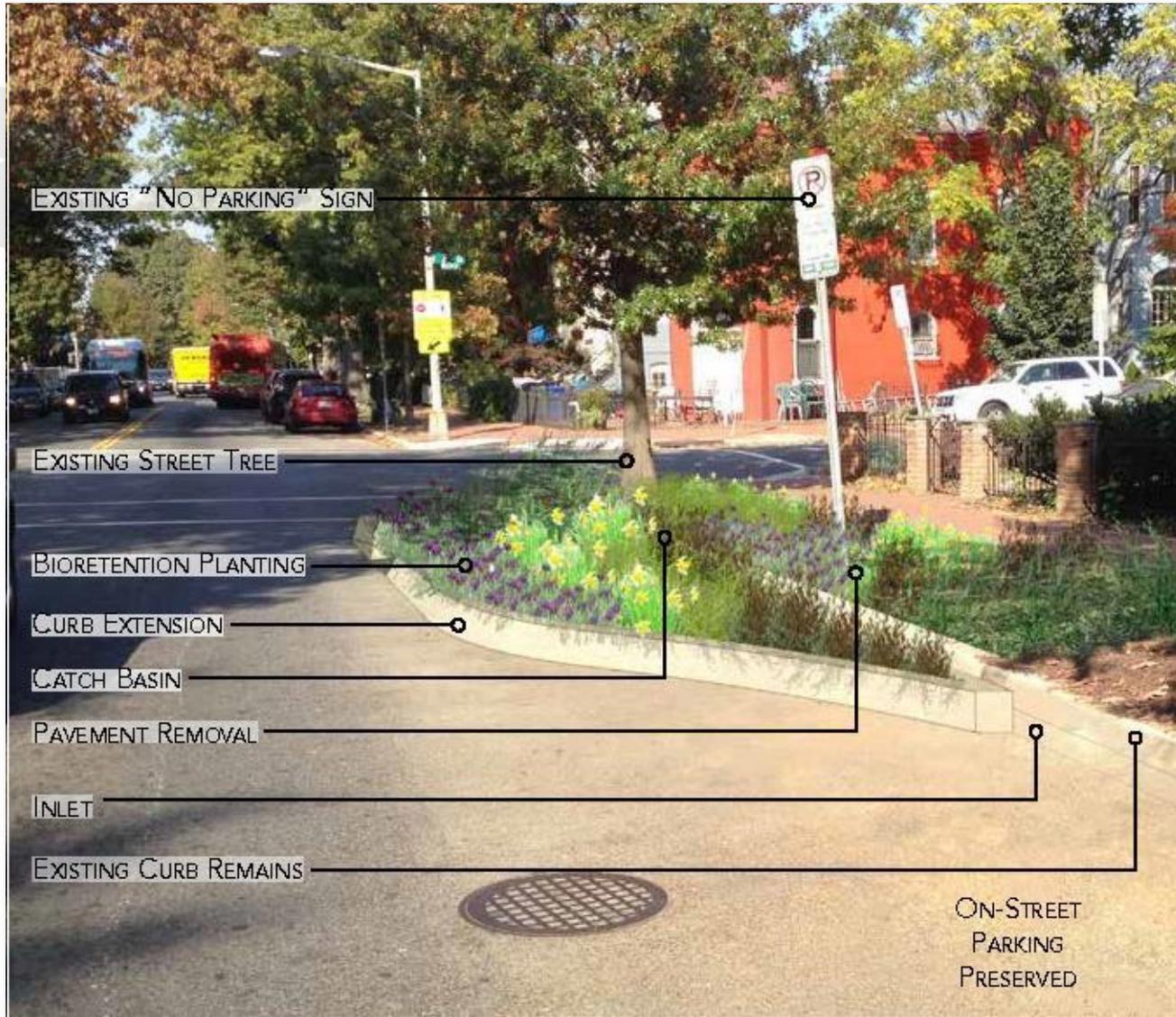
# Multi Use Corridor “Walkable Street”



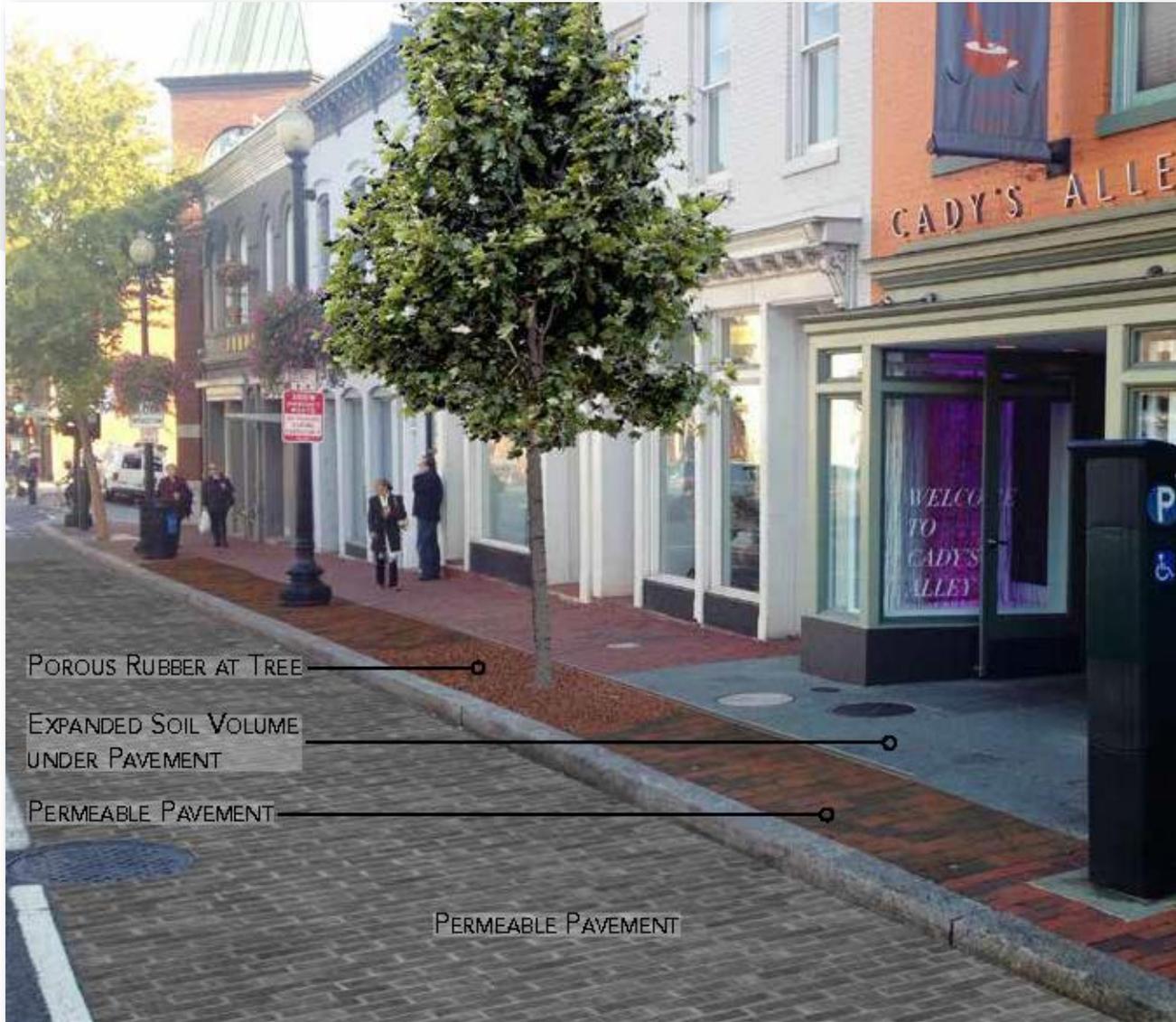
# Streetscape Features - Trees



# Streetscape Features – Planting



# Streetscape Features –Planting



POROUS RUBBER AT TREE

EXPANDED SOIL VOLUME  
UNDER PAVEMENT

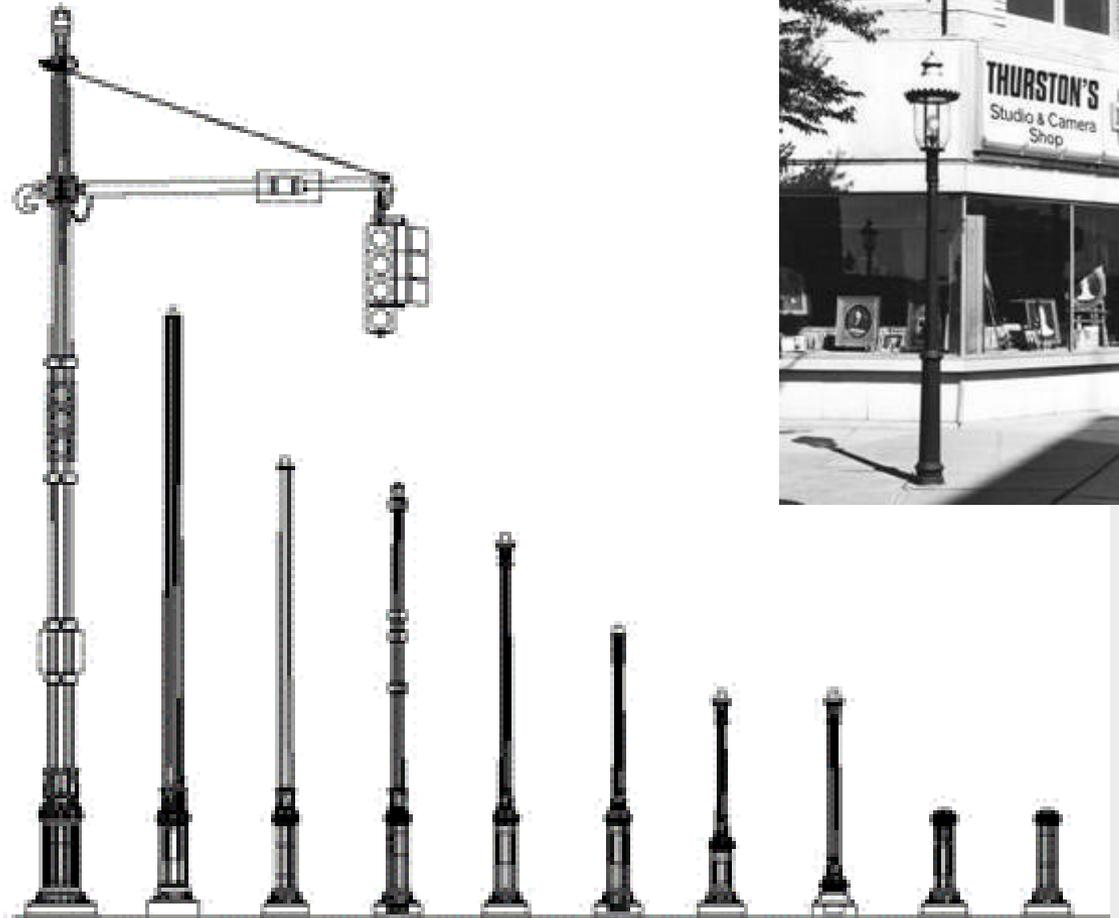
PERMEABLE PAVEMENT

PERMEABLE PAVEMENT

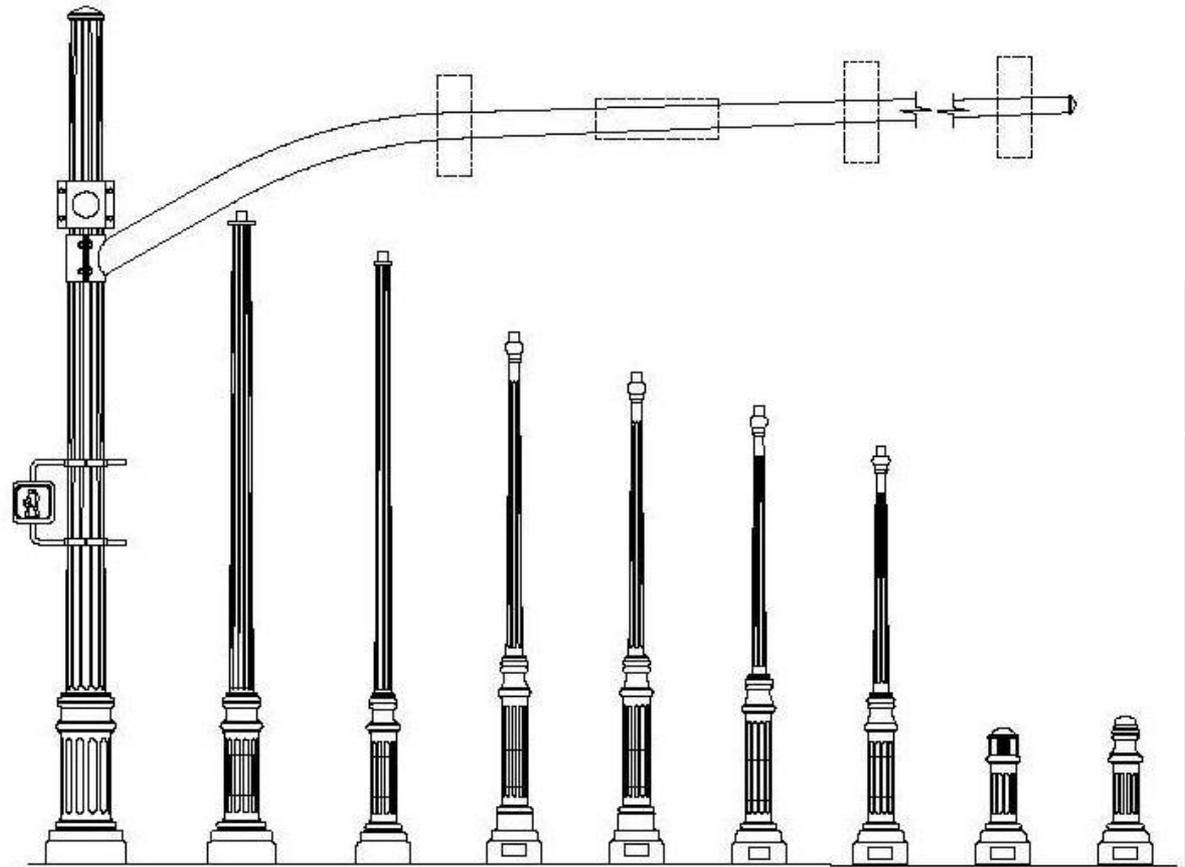
# Streetscape Features – Furnishings



# Streetscape Features– Lighting



# Streetscape Features– Lighting





# Streetscape Features– Surface Treatment



# Streetscape Features– Water Features



# Division Street Plaza

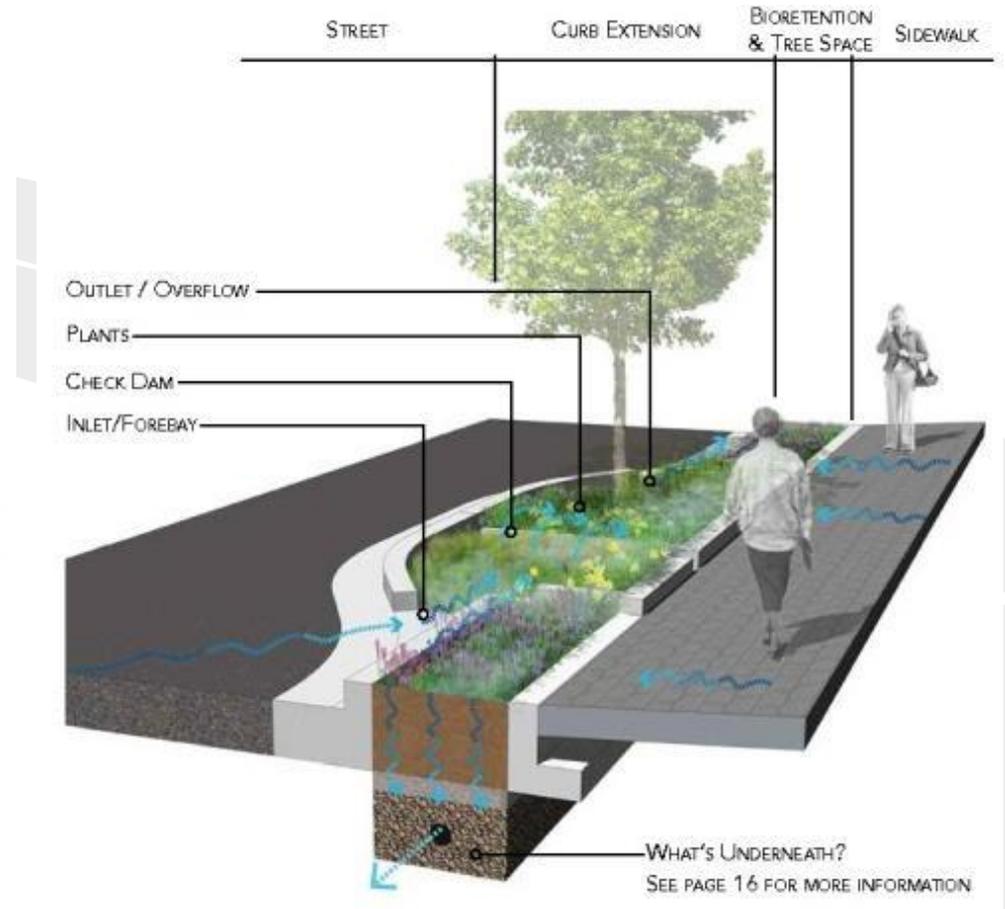
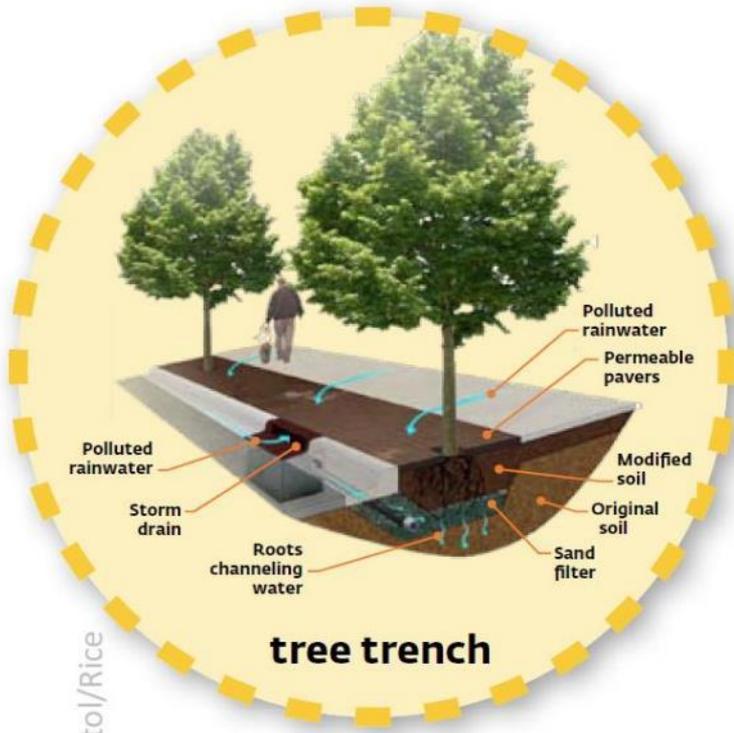


# Drainage

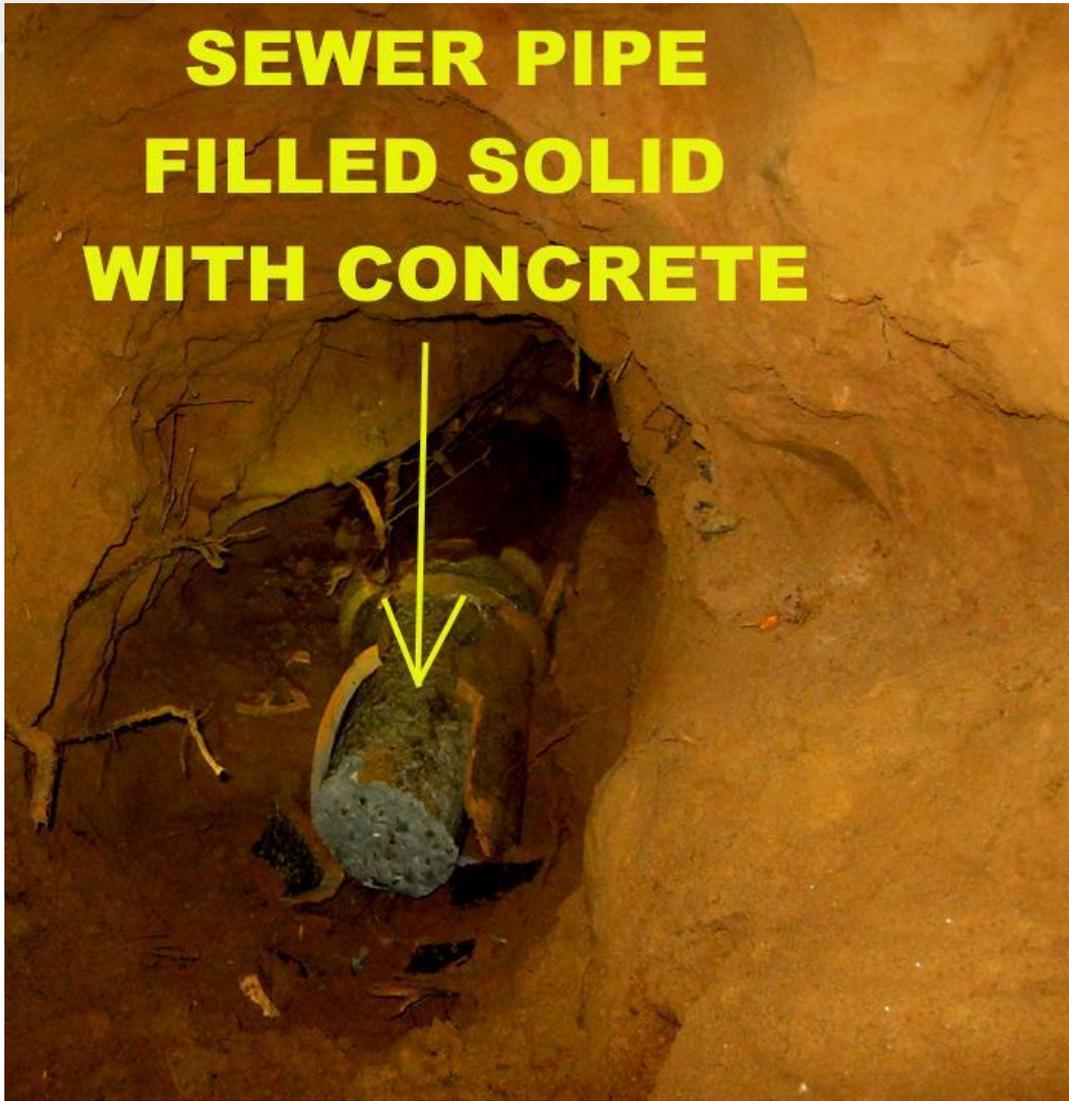
- Move / Upgrade inlets
- Inspect System to determine condition of pipes
- Slope roadway to drain
- Eliminate ponding



# Stormwater Management



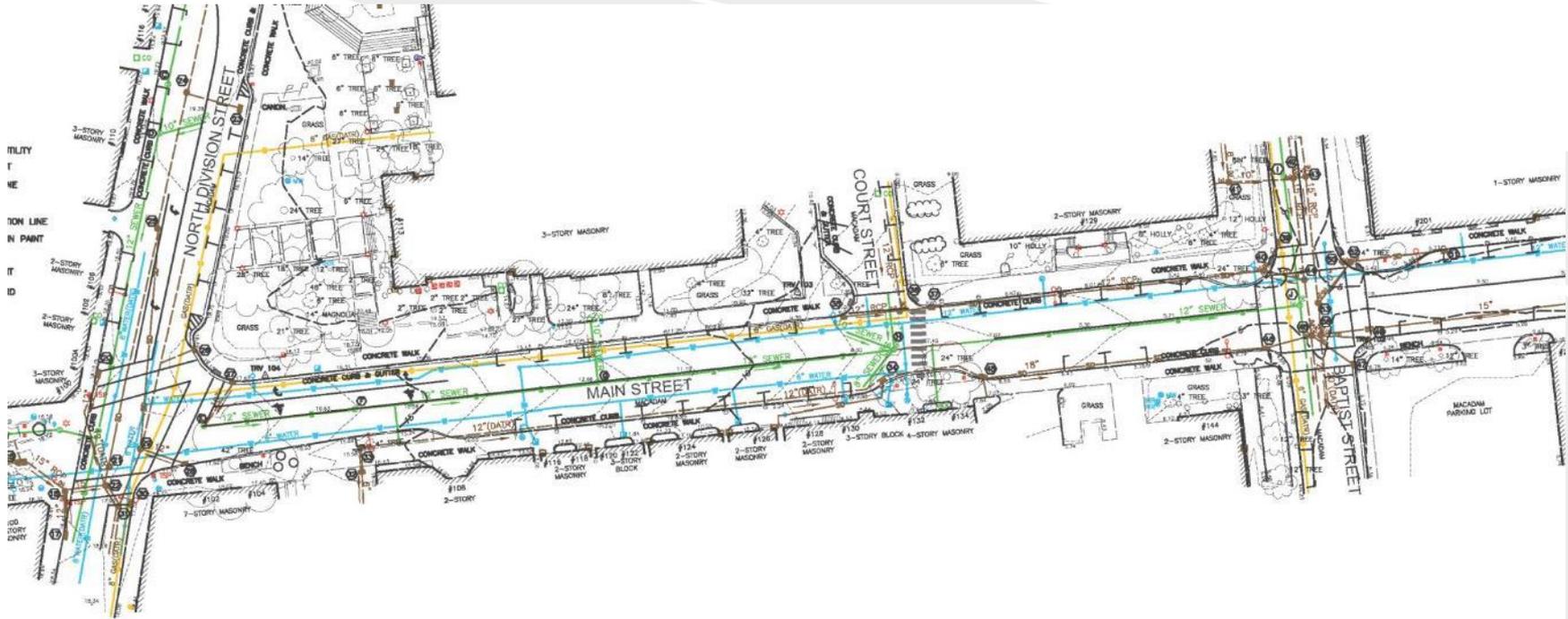
# Utilities – Pipe Inspection



# Water and Sewer Pipes

## PHASE 2 ONLY

- Replace All Water Pipes
- Repair or Replace Sanitary Sewer Pipes
- No disruption of service





# Plaza: Main Street and Division Street

- New signal at Division St
- Improve cross walk signing and striping
- Provide pedestrian countdown signals
- Use decorative support posts





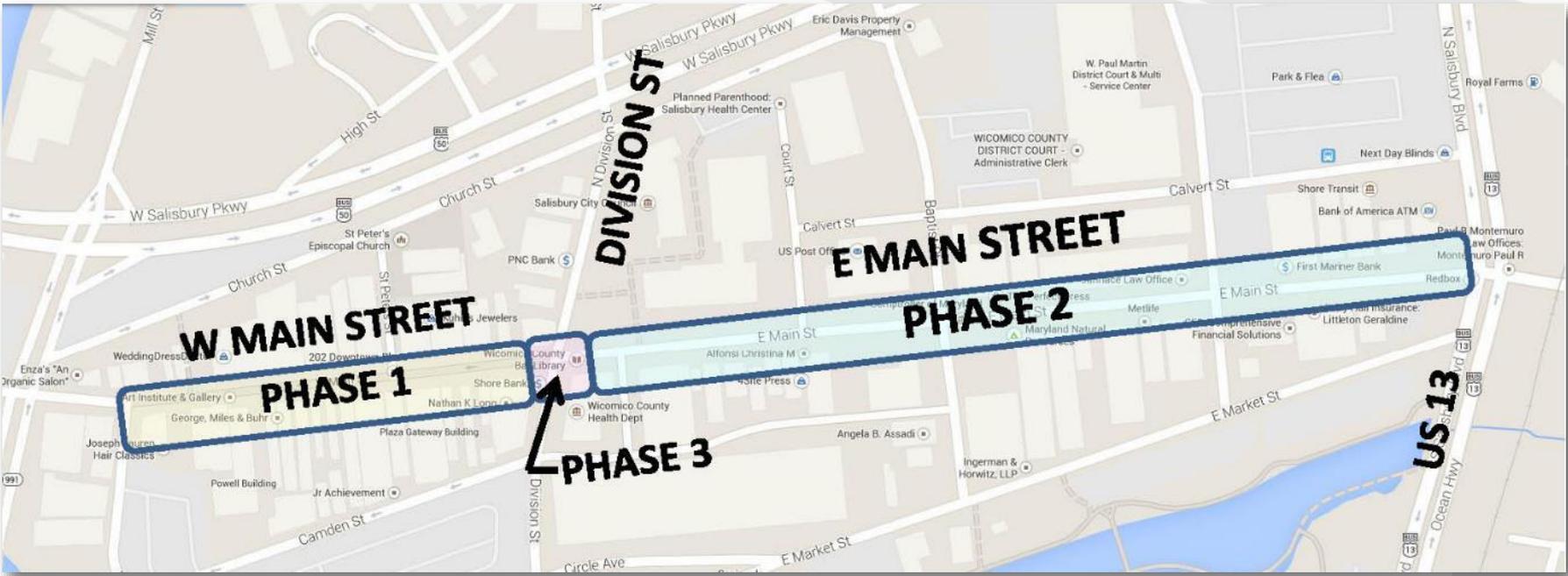
# Construction Schedule and Impacts

## Expect to begin construction Fall 2015 - phased in this order

- Phase 2: Division St. to Rte. 13
- Phase 1: Market St to Division St.
- Phase 3: Plaza

## Construction will:

- Maintain 2 way traffic
- Maintain access to businesses at all times
- Maintain pedestrian access
- Eliminate on-street parking periodically
- Provide advance warning of disruptions



# Questions?



2—Main Street Looking West, Salisbury, Md.

