Montgomery County Department of Transportation (DOT)
Division of Transportation Engineering

Public Meeting #2

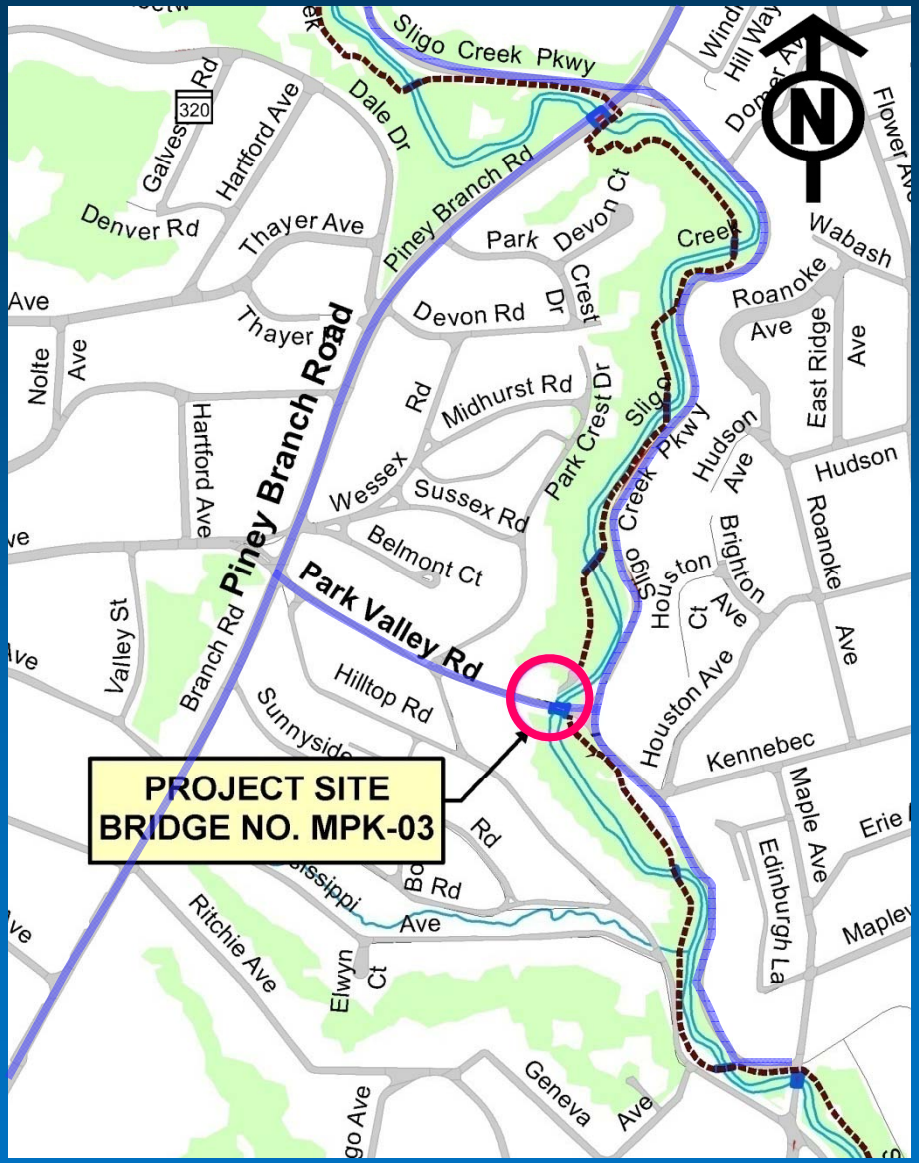
Replacement of Park Valley Road Bridge No. MPK-03 over Sligo Creek

June 12, 2013

Purpose of the Meeting

- Present Modified Scope and Design Concepts
- Present Construction Phases and Traffic Maintenance
- Update Project Cost Estimates and Funding
- Update Project Schedule
- Obtain Community Feedback

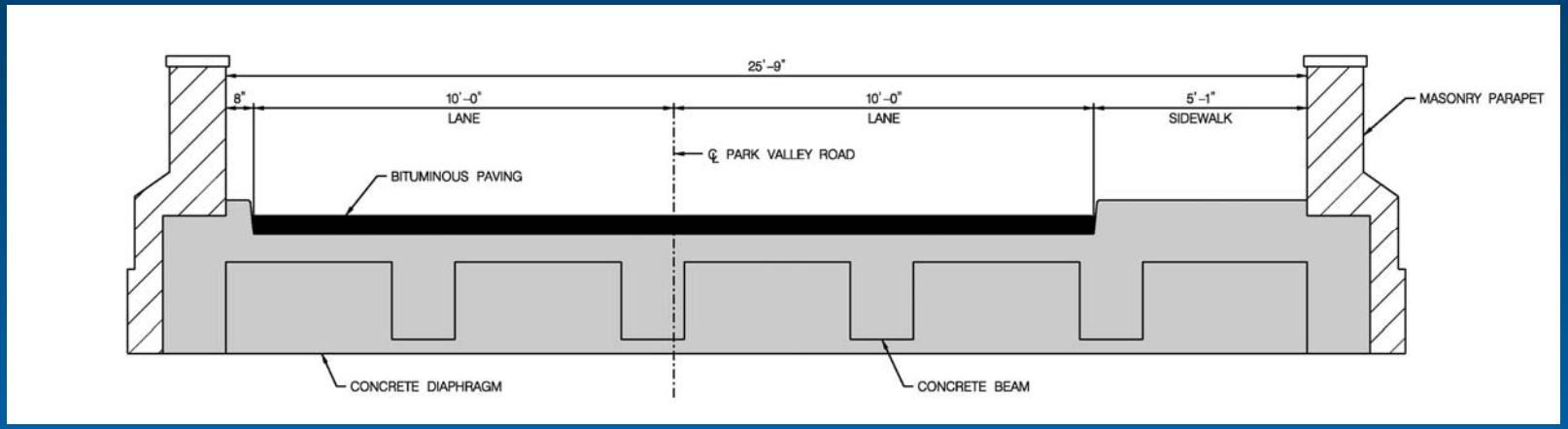
Project Location



Existing Bridge

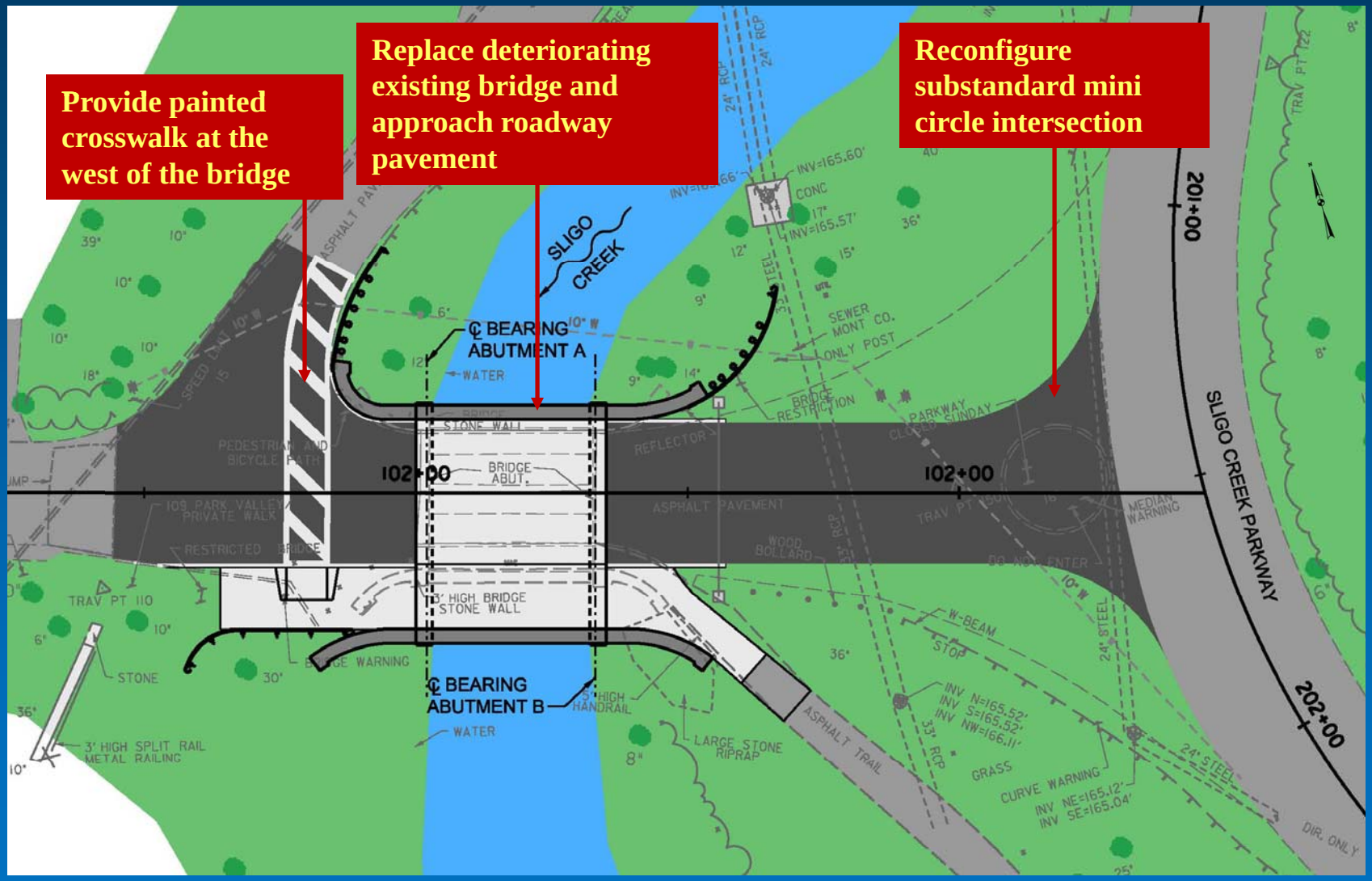
- 30-foot Span Concrete Deck/Beams with Asphalt Surface
- Stone Masonry Bridge Barriers
- Concrete Abutments/Wingwalls with Stone Masonry Façade
- Built in 1931 (81 years old)

Existing Bridge



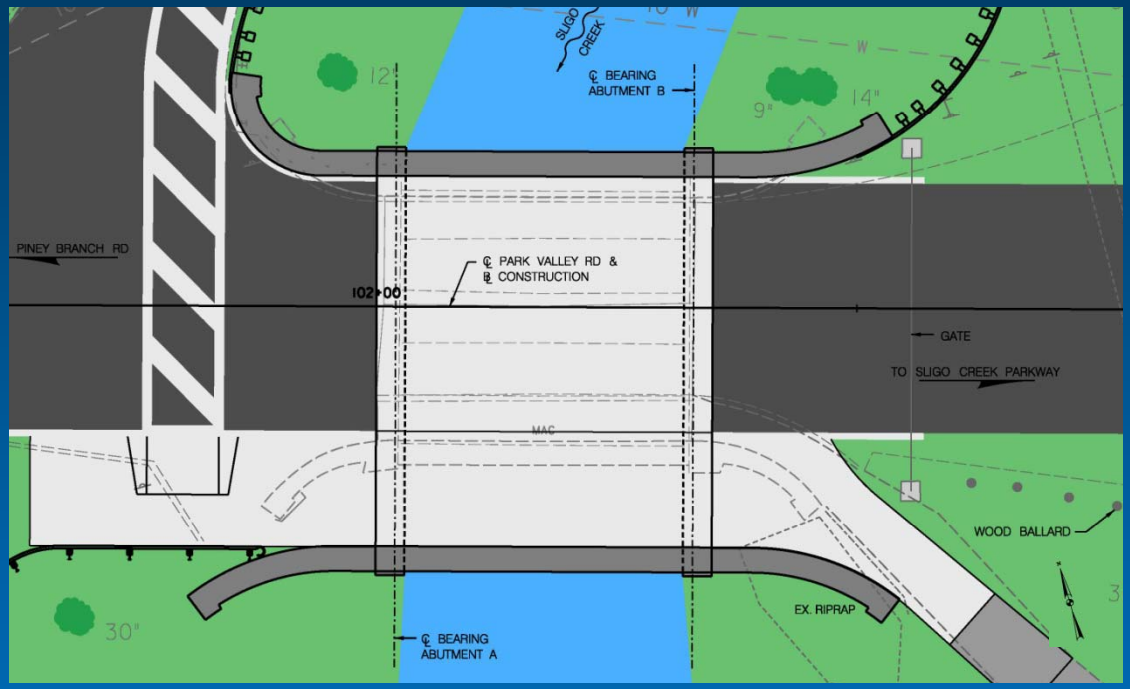
- Lane Width = Two 10 feet Lanes
- Shoulder Width = 0 feet
- Clear Roadway Width = 20 feet
- Sidewalk Width = 5 feet 1 inch

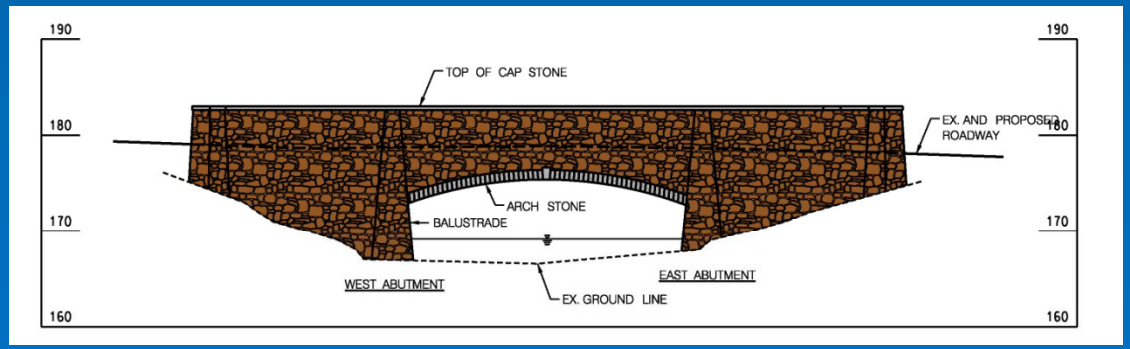
Previous Project Scope



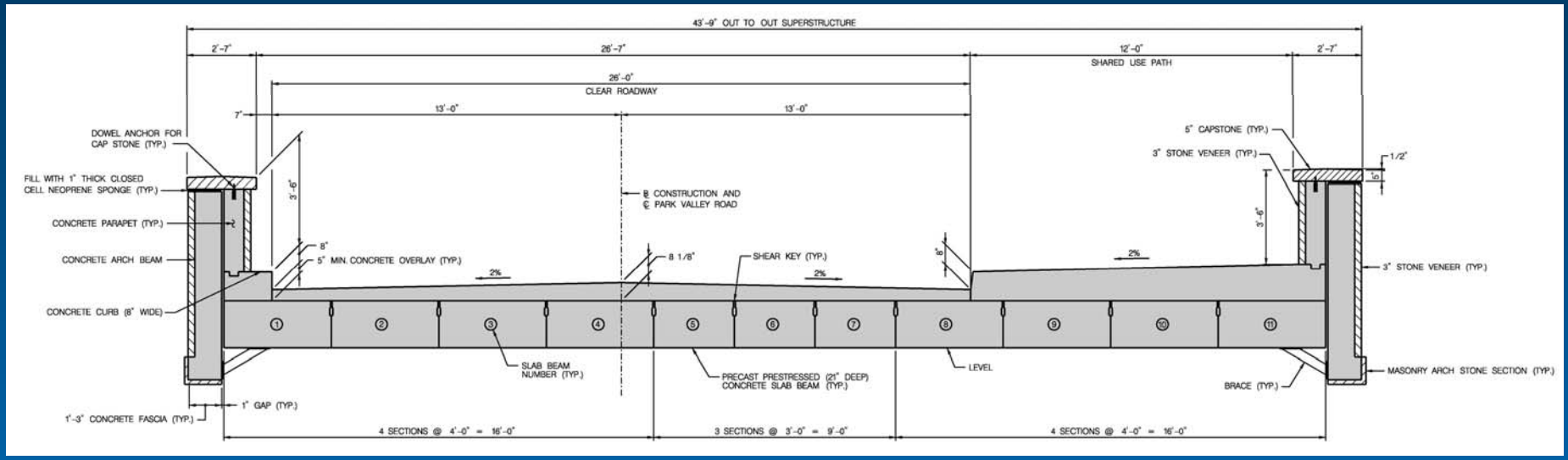
Previous Proposed Bridge Plan & Elevation

- Concrete structure with 26 feet wide roadway and 12 feet wide shared use path
- Crash tested solid concrete bridge barriers meeting FHWA safety standards
- New stone veneer on concrete bridge barriers
- New stone veneer on concrete arch beams/ abutments/wingwalls
- Scour counter measures





Previous Proposed Bridge Section



- Concrete Slab Beams with Concrete Overlay
- Concrete Bridge Barriers with Stone Veneer
- Concrete Exterior Arch Beams with Stone Veneer
- Lane Width = Two 10 feet Lanes
- Shoulder Width = 3 feet
- Clear Roadway Width = 26 feet
- Shared Use Path Width = 12 feet

Public Comments and DOT's Responses

COMMENTS INCORPORATED:

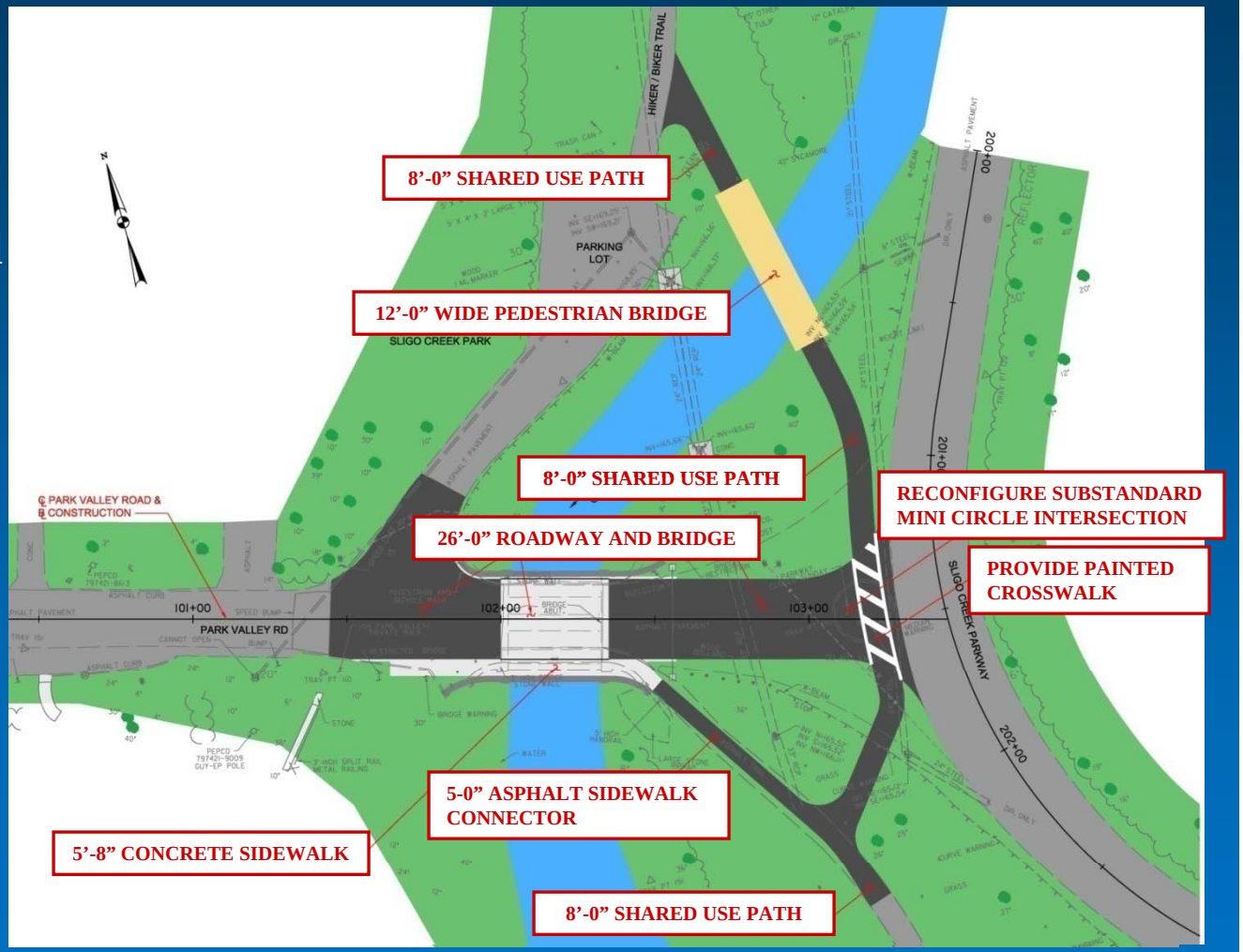
1. **Provide a separated pedestrian bridge**
2. **Narrow the bridge section**
3. **Improve the approach trail for ADA compliance**
4. **Community review stone veneer design plans and sample panel**

COMMENTS NOT INCORPORATED:

5. **Reuse the existing stone masonry**
6. **Provide slot openings on bridge barriers**
7. **Provide colored exposed aggregate bridge surface**

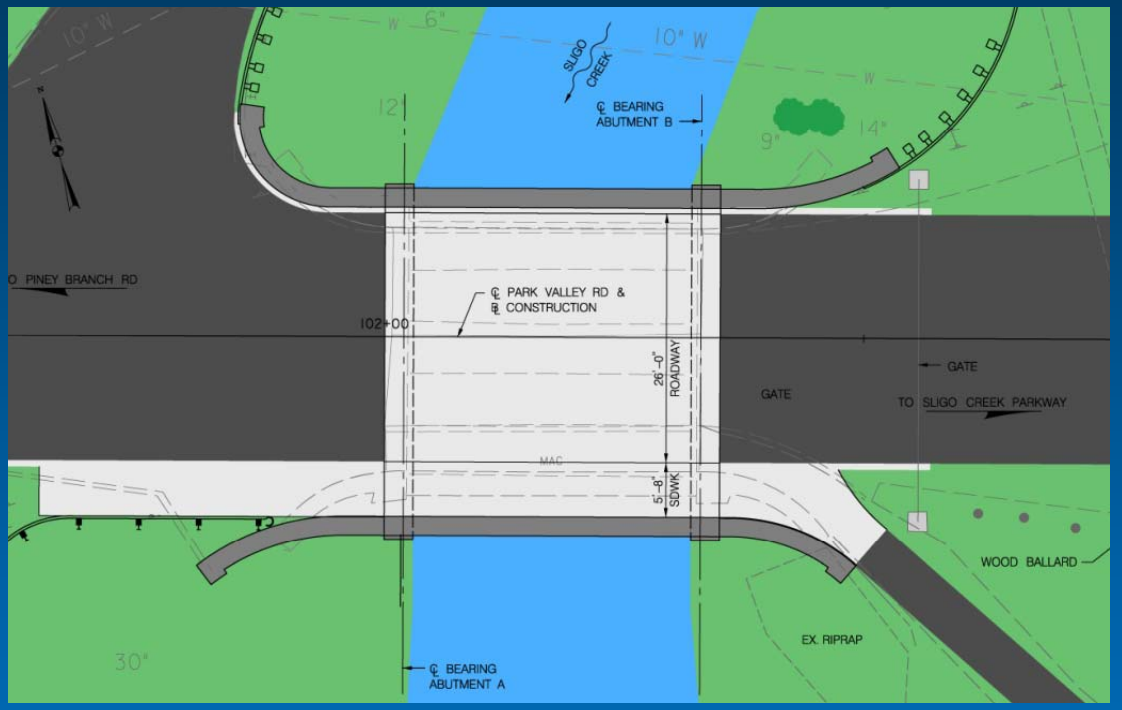
Modified Project Scope

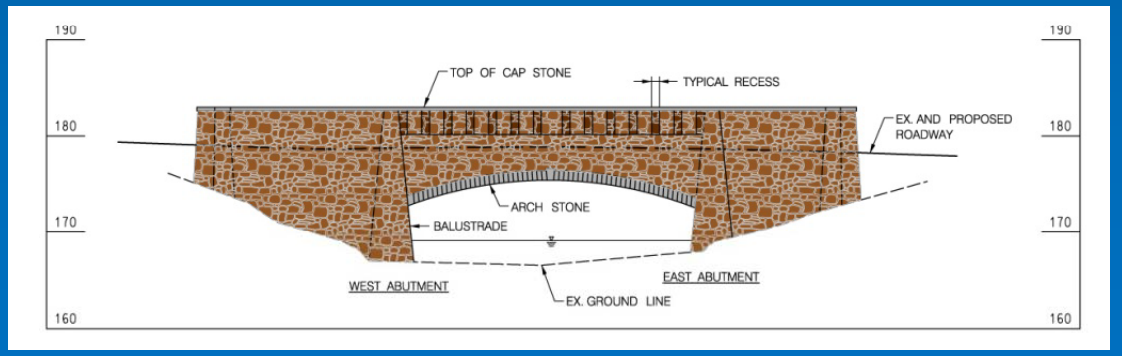
- Replace deteriorating existing bridge and approach roadway pavement
- Reconfigure substandard mini circle intersection
- Provide painted crosswalk at the intersection
- Install 12 feet wide pedestrian bridge
- Realign 8 feet wide hiker/biker trail
- Install 5 feet wide sidewalk connector



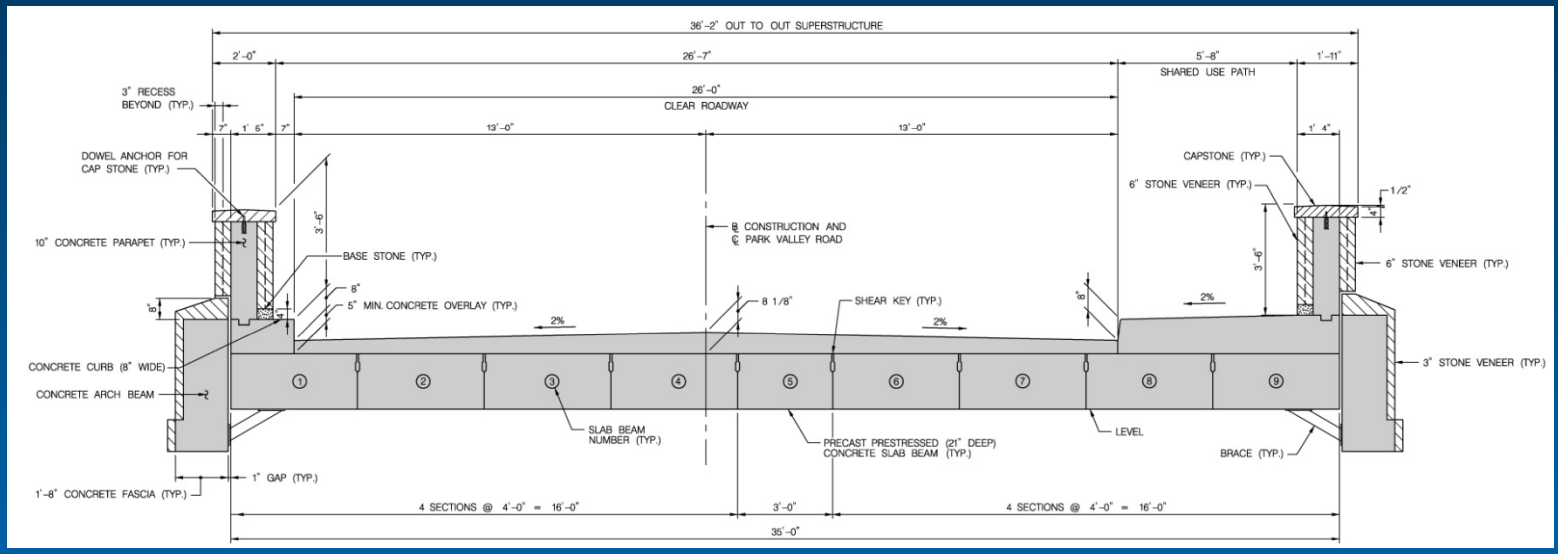
Modified Proposed Bridge Plan & Elevation

- **Concrete structure with 26 feet wide roadway and 5 feet 8 inches wide sidewalk**
- **Crash tested solid concrete bridge barriers meeting FHWA safety standards**
- **New stone veneer with recess on both faces of concrete bridge barriers**
- **New stone veneer on concrete arch beams/ abutments/wingwalls**
- **Scour counter measures**



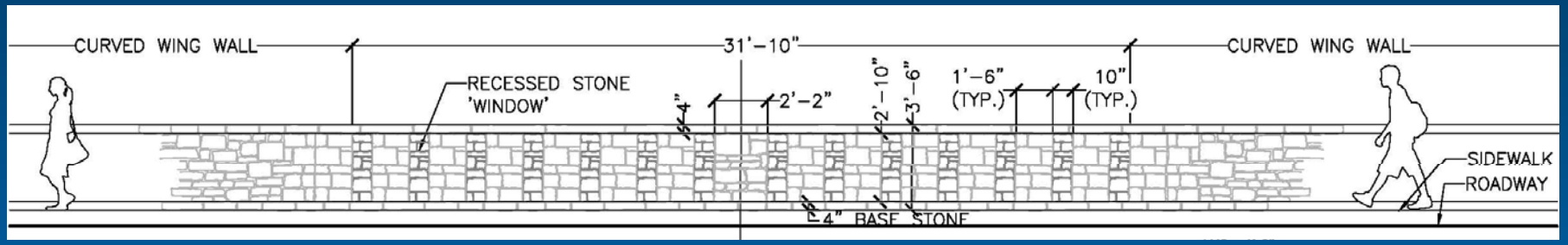


Modified Proposed Bridge Section



- Concrete Slab Beams with Concrete Overlay
- Concrete Bridge Barriers with Stone Veneer / Recess
- Concrete Exterior Arch Beams with Stone Veneer
- Lane Width = Two 10 feet Lanes
- Shoulder Width = 3 feet
- Clear Roadway Width = 26 feet
- Sidewalk Width = 5 feet 8 inches

Bridge Barrier Elevation View



Proposed Bridge Barrier (Inside Elevation)

Existing Bridge Barrier (Inside Elevation)

Bridge Plan View

Proposed Bridge

Existing Bridge

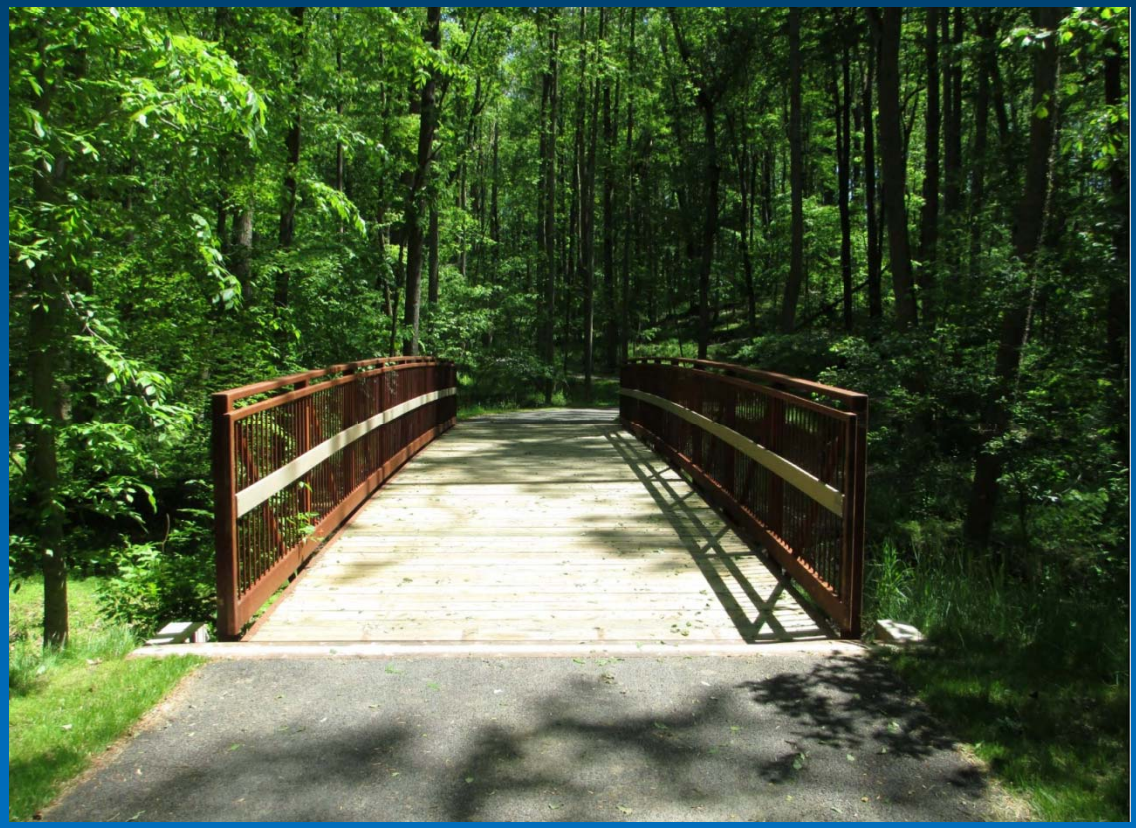
Bridge Elevation View

Proposed Bridge

Existing Bridge

Proposed Pedestrian Bridge

- Prefabricated bridge
- Steel truss
- 12 feet wide wooden deck



Construction Phases/Traffic Maintenance

- **Construction Phases and Pedestrian/Bicycle Access**

  Phase 1: [illegible] pedestrian bridge[illegible] bicycle access[illegible]

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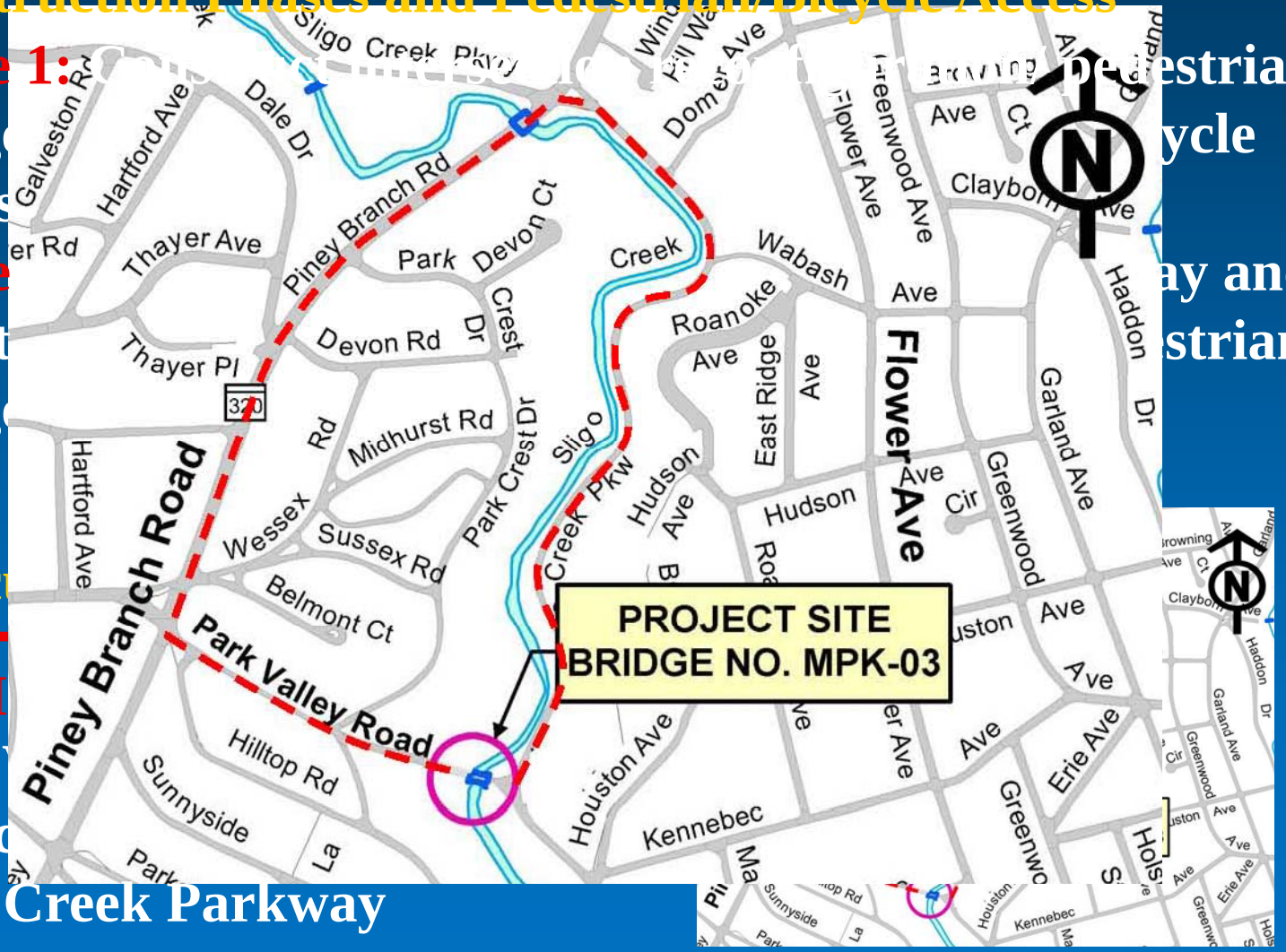

Project Cost and Funding

- **Roadway Bridge/Approach Roadway Replacement**
  - Current Estimated Total Cost = $3.4M
  - 80% Funded by Federal Funds
  - 20% Funded by County Funds

- **Intersection Reconfiguration**
  Pedestrian Bridge
  Trail Realignment
  - Current Estimated Total Cost = $750K
  - 100% Funded by County Funds

Project Schedule

◆ Preliminary Design Complete	Fall	2013
◆ Final Design Complete	Summer	2014
◆ Advertise for Construction	Winter	2014/15
◆ Begin Construction	Spring	2015
◆ End Construction	Spring	2016

Public Input

- **Proceed with Final Design based on**
  - **Comments from Agencies – FHWA, MSHA, MHT, MCDPS etc.**
  - **Feedback from Community – Comment Period thru July 10, 2013**
    1. **Tonight's Feedback**
    2. **By Postage Paid Public Comments Form**
    3. **By Mail or Email to MCDOT Project Manager**

For project information, please contact

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Division of Transportation Engineering Home Page:
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