

# Joint Meeting Ad Hoc Committee and Historic Lewes Byway Committee

*Funding for the New Road Corridor Master Plan has been graciously provided by Senator Lopez and Representative Smyk. The Lewes Historic Byway is sponsoring this stakeholder meeting.*

## 6:00 **Introductory Presentation: Updated Principals and Concepts**

In response to public and agency input from  
November 27 Public Meeting

## 6:20 **Review and Discuss Displays**

1. New Road at Nassau (Gateway Area)
2. Black Hog Gut to Old Orchard (traffic calming/intersection)
3. Brittingham Farm and Canary Creek Bridge
4. Park Road to 4<sup>th</sup> (stormwater and traffic calming)
5. Pedestrian and Bicycle Facilities (entire corridor)
6. Landscape Concept (entire corridor)

## 7:30 **Facilitator Reports**

## 8:00 **Adjourn**



Delaware Department  
of Transportation



# Schedule

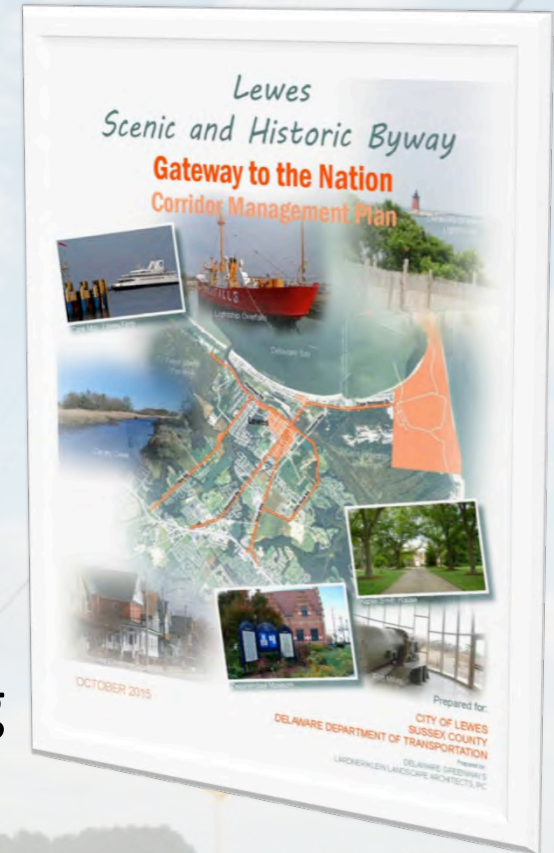
Meeting	Topic	Month
AC #1	Identify issues and opportunities	8/22/18
AC #2	Review and discuss initial master plan concepts/corridor design principles	10/24/18
Public #1	Community Design Work Session (public meeting)	11/27/18
	Pre-draft plan Meeting	Tonight!
AC #3	Review and refine draft plan concepts and principles	April 2019
Public #2	City of Lewes and Sussex County meetings to review draft	May 2019

# CMP Guidance

## **New Road: Conservation.**

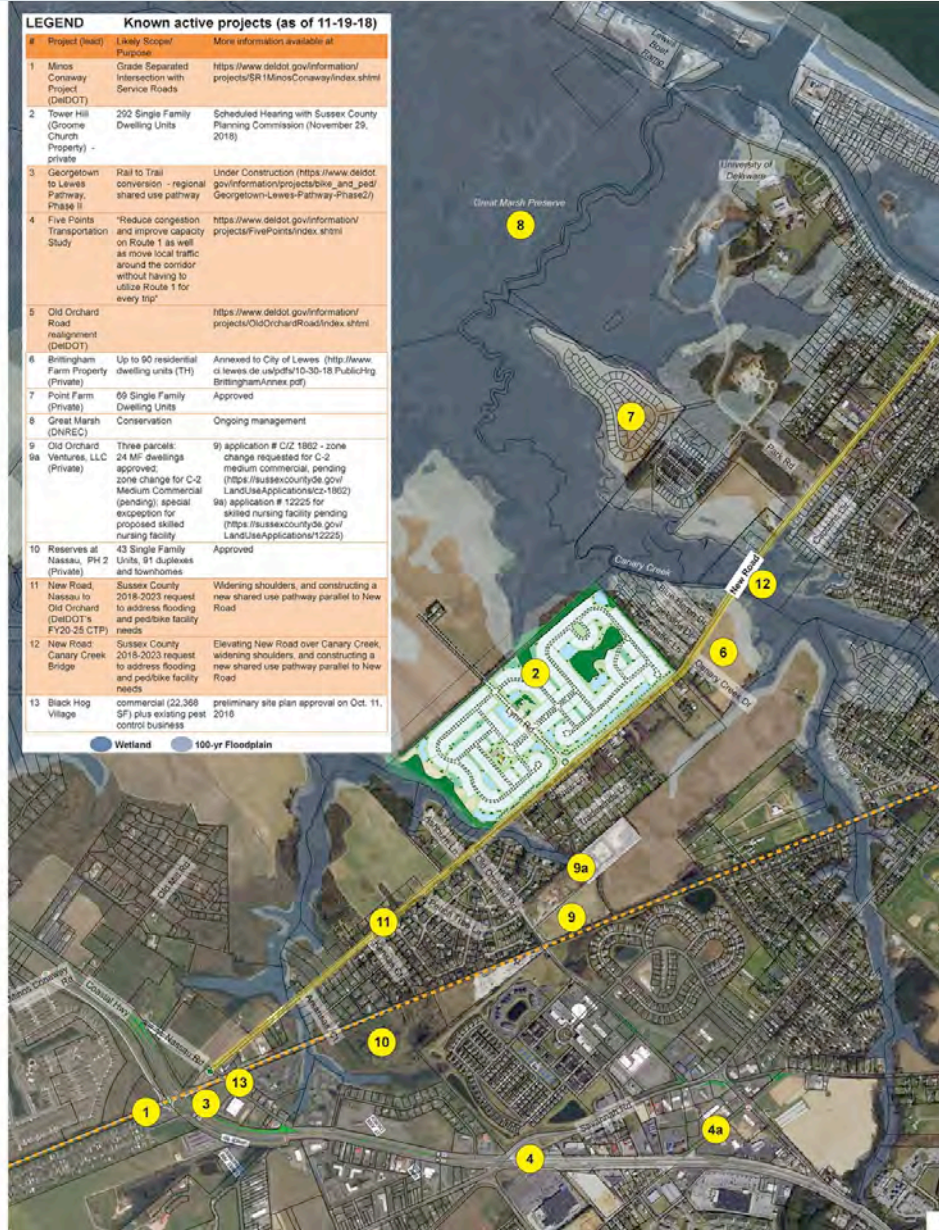
*Retain the overall rural character  
Including its farms, forests, wetlands  
and tributary streams.*

- Preserve and maintain character-defining features
- Improve safety and mobility by utilizing context sensitive approaches
- Work with developers to guide change in a positive manner
- Establish Byway routes as corridors for human powered recreation





# Rapid Change



- 1 Minos Conaway GSI (DeIDOT)
- 2 Groome Church Property (Private)
- 3 Georgetown Lewes Rail To Trail (DeIDOT)
- 4 Five Points Transportation
- 5 Orchard Road realignment (DeIDOT)
- 6 Brittingham Property (Private)
- 7 Point Farm (Private Development)
- 8 Great Marsh Preserve (DNREC)
- 9,9a Orchard Plaza / Tranquility at Breakwater (PVT)
- 10 Reserves at Nassau, PH 2 (Private)
- 11 New Road: Nassau to Old Orchard (DeIDOT)
- 12 New Road: Canary Creek Bridge (DeIDOT)i
- 13 Black Hog Village (commercial)



# *Draft*

## **CORRIDOR DESIGN GOALS**

### **Character Areas**

- Define and manage each of the distinct character zones throughout the corridor

### **Conservation and Development:**

- Retain a diverse array of open spaces using setbacks, floodplain management and community open space
- Encourage creative land use practices

### **Transportation**

- Use context sensitive approaches to accommodate changing travel demands throughout the corridor



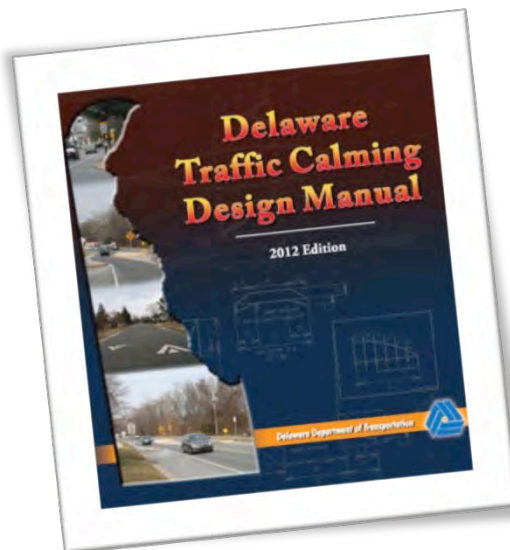
# New Road Corridor Master Plan Design Principles

- Preserve and maintain character-defining features
  - ✓ Continue efforts to preserve remaining farms, forests and riparian areas
- Improve safety and mobility by utilizing context sensitive approaches
  - ✓ Slow operating speeds using context sensitive approach to traffic calming (landscaped splitter islands, roundabouts and realigned intersections)
  - ✓ Incorporate gateway features into New Road at Nassau
- Work with developers to guide change in a positive manner
  - ✓ Coordinate landscape design for areas along frontage to achieve conservation, traffic calming and screening objectives
- Establish Byway routes as corridors for human powered recreation
  - ✓ Use independent trail alignment to achieve quality trail design
  - ✓ Incorporate trail crossings with traffic calming measures



## Slow operating speeds using context sensitive approach to traffic calming

1. Reduce speed limits:  
35 at Nassau  
25 at Old Orchard
2. Insert traffic calming  
measures +/- 1200  
to 1800 feet or  
25-35 seconds apart



### 3 Overall Corridor Concepts (2nd Draft of Ideas) NEW ROAD CORRIDOR MASTER PLAN





# NASSAU ROAD GATEWAY

## RECOMMENDATIONS:

- Consider design changes to reduce impacts (avoid farm and commercial buildings)
- Introduce curve on approach to roundabout
- Consider context sensitive design approaches (roundabout/underpass)
- Connect to rail-trail and design gateway landscape treatment

## 4 Nassau Road to Black Hog Gut NEW ROAD CORRIDOR MASTER PLAN

## Table 1



### GATEWAY DESIGN CONCEPTS

- Support efforts to preserve Knapp Family Farm
- Coordinate with adjacent property owners to develop comprehensive planting program (orchard restoration, roadside pollinators)
- Coordinate with DelDOT to Minos-Conaway Project will contribute to and enhance the New Road Corridor Gateway

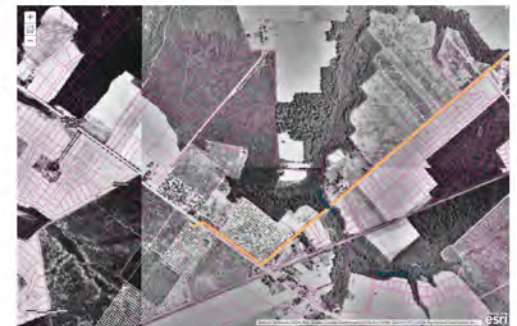
### COORDINATE WITH MINOS-CONAWAY PROJECT:

- DelDOT to consider design minimization or refinements to reduce impact on the adjoining farm, adjoining commercial buildings and the approach transition speed into the roundabout (45-25 mph transition)
- DelDOT to work with the Byway Committee and the public to incorporate context sensitive gateway design landscape treatments consistent with state and federal design standards to the roundabout and adjoining areas using guidance provided by the Corridor Master Plan. Maintenance agreements will also be discussed and considered in the final level of effort.
- DelDOT to investigate the viability of context sensitive design treatments to any required modifications to the underpass (the existing embankment will need a low retaining wall to accommodate the full width of the trail and roadway).

### COORDINATE WITH BLACK HOG VILLAGE PROJECT

- Incorporate landscape treatment along frontage area to function as a gateway and to meet traffic calming goals
- Consider option of Rail-trail connection through front or back of property to reduce right-of-way requirements on New Road
- Use landscape design to frame views of historic buildings while screening views of parking and utilitarian functions

### Byway Recommended Gateway Concepts (DRAFT)



New Road circa 1937 showing extent of orchards

### Ideas for Bridge Abutments



- 1 Use Delaware coastal upland native trees, shrubs and wildflowers on embankments



- 2 Use historical post and rail fencing details and maintain open views to adjoining preserved farm



- 3 Use simple design and honest materials (real brick or stone, not textured concrete)

### DelDOT Preferred Concept for Roundabout



Minos-Conaway roundabout at Nassau - landscaping concept with pollinator gardens, habitat, and wetland meadow/stormwater management



DelDOT preferred concept for Minos Conaway project

### Landscape Treatment Ideas



Planavagen, Stockholm, SE



# Added Splitter at Kansas Options for Old Orchard



## 5 Black Hog Gut to Old Orchard NEW ROAD CORRIDOR MASTER PLAN

## Table 2



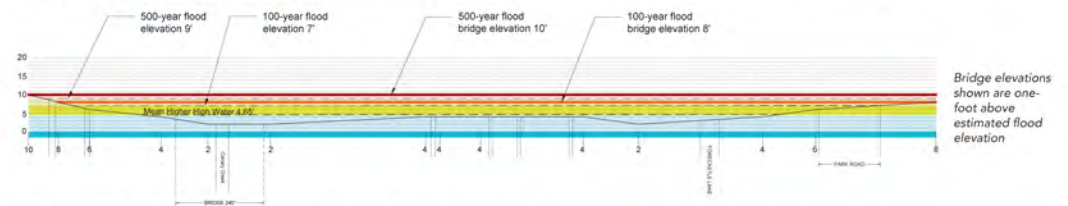
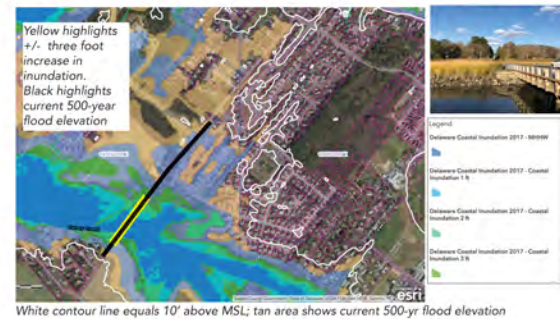


# Brittingham Farm Canary Creek Bridge



## 6 Brittingham Farm and Canary Creek Bridge NEW ROAD CORRIDOR MASTER PLAN

## Table 3



### Brittingham Farm Traffic Calming and Entrances



12' splitter island with turnlane



### Bridge Over Canary Creek and SLR

- Planning for Sea Level Rise should address effects on 100-year floodplain based upon a "high confidence" level – meaning that there is a 95% confidence that SLR will not exceed a +/- 3' increase (roughly the equivalent of the current 500 year flood elevation) by 2075.
- Reconstruction of New Road Bridge over Canary Creek can also provide recreational access (hand carry boat landing, fishing access and parking) and accommodate share use pathway

### Bridge Over Canary Creek: CMP Alignment (2014)



### Bridge Over Canary Creek: suggested\* profile and detail:



Bridges of Nordward (West 8)



CalTrans Rail Type 10 (33") and Type 20 (54"), Test Level 4

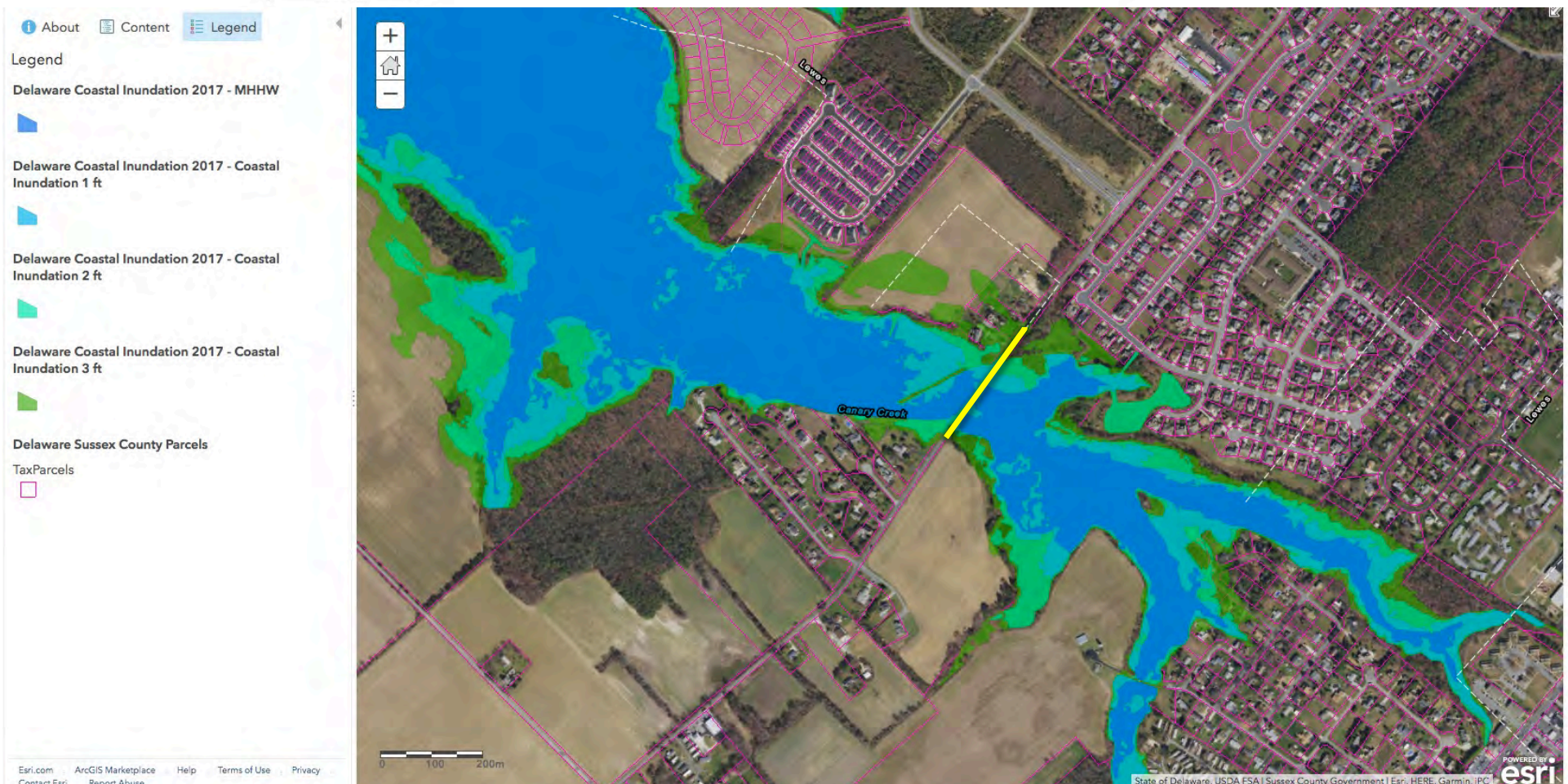
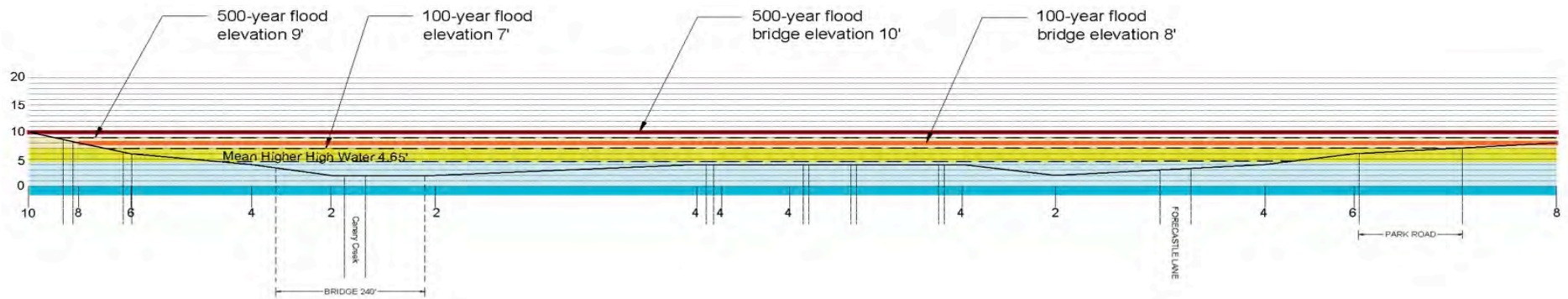


\*Selected examples submitted by residents

Box beam (inside) and pedestrian railing (outside)

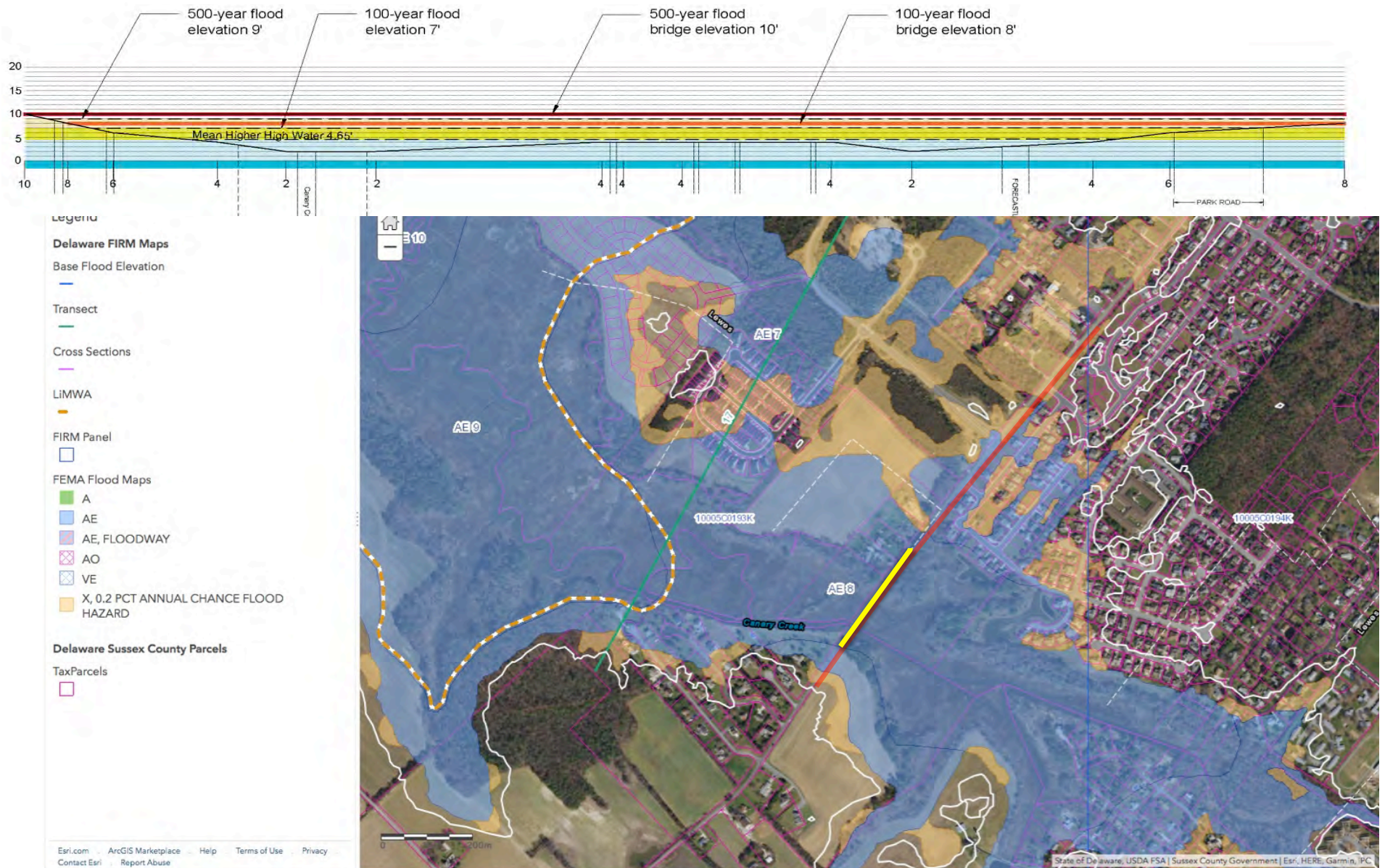


# Bridge Over Canary Creek/Executive Order 41





# Bridge Over Canary Creek/Executive Order 41





# Bridge Over Canary Creek/Complete Streets

- ✓ Multi-use Pathway (on which side?)
- ✓ Fishing Access Retained
- ✓ Soft Landing for Hand Carry Boat Access
- ✓ Context Sensitive Design (thin lines, see through rails)





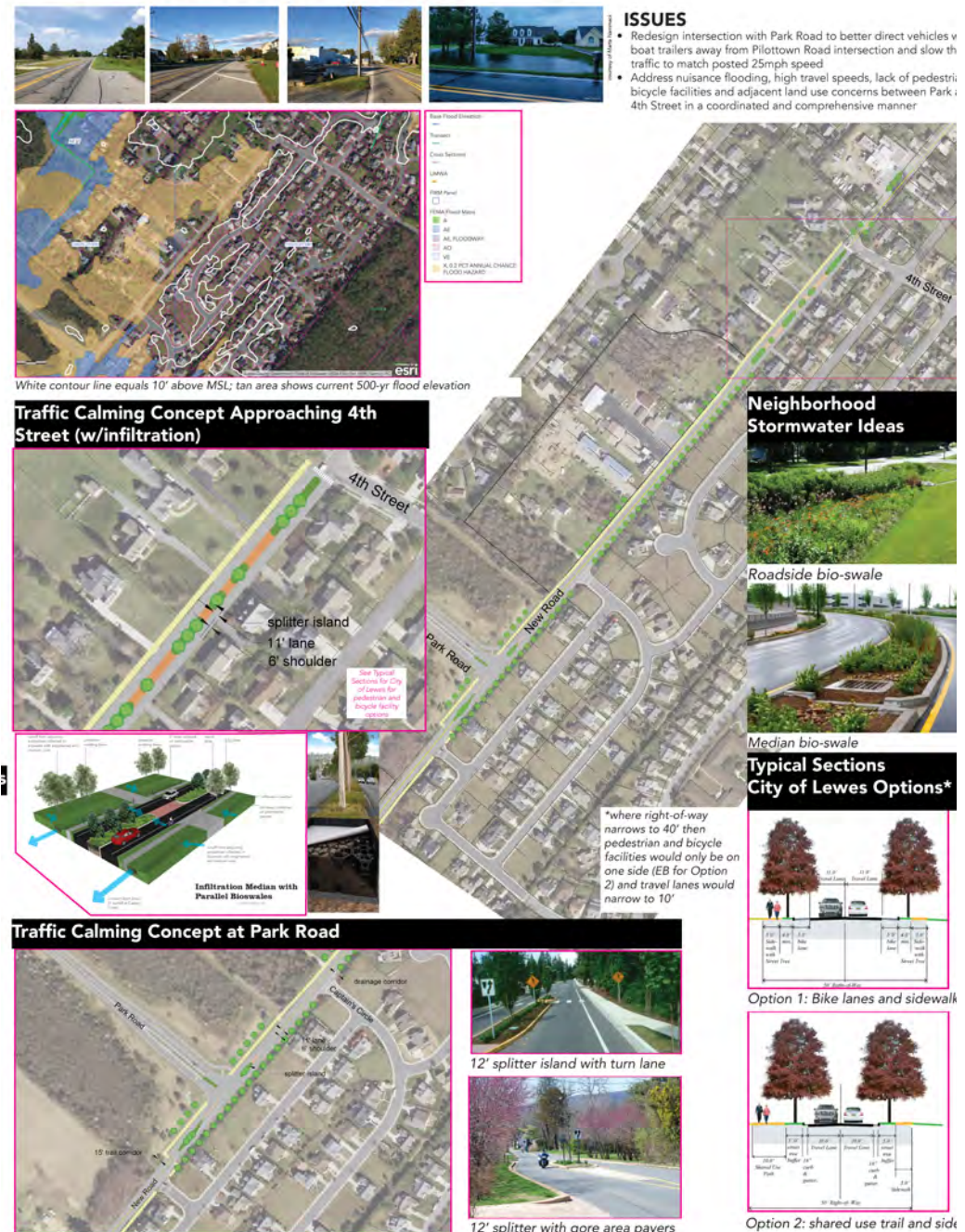
# Park Road 4<sup>th</sup> Street Vicinity

## ISSUES

- Park Road Intersection (speeding, trailer traffic)
- Between Park and 4<sup>th</sup> (nuisance flooding, speeding, pedestrian and bicycle safety, adjacent land use and right-of-way)
- Can a comprehensive solution be found?

## 7 Park Road to Pilottown Road NEW ROAD CORRIDOR MASTER PLAN

## Table 4

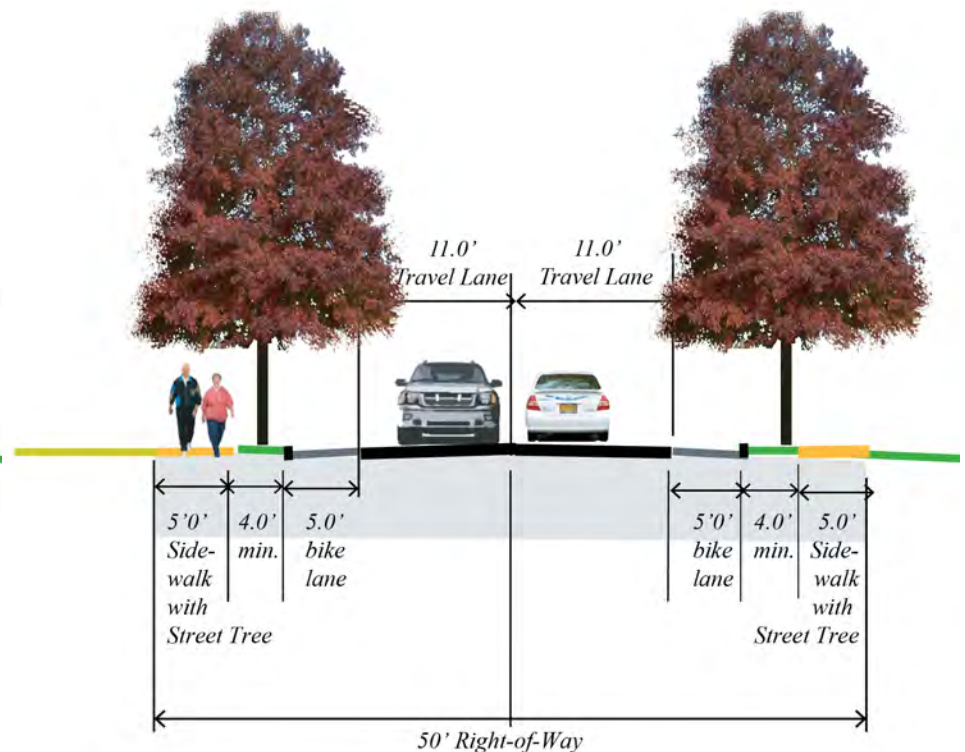
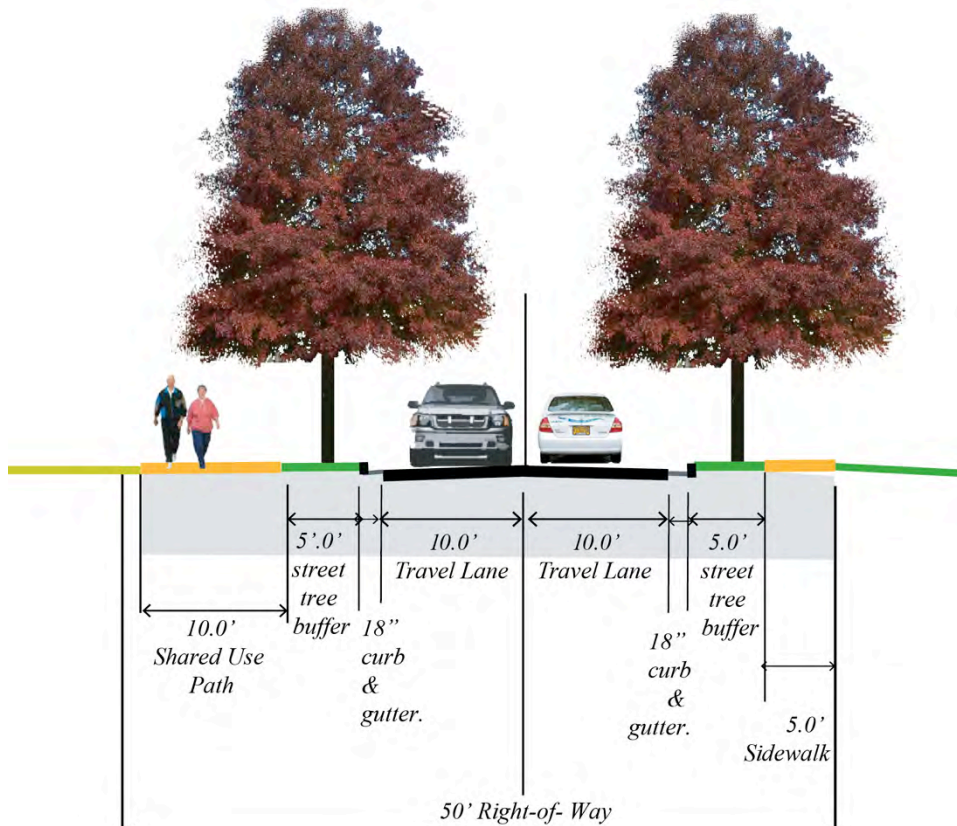




# New Road within City of Lewes: 50' Right-of-Way

## Complete Streets Policy

- OPTION 1: Multi-use path on one side and sidewalk on the other side
- OPTION 2: Bike lanes and sidewalks (each side)

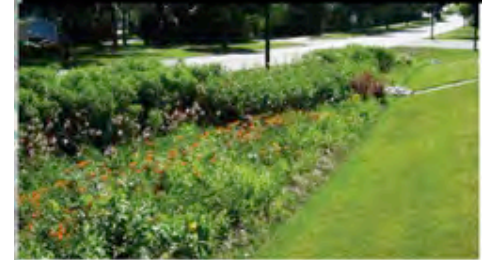


# New Road at 4<sup>th</sup> Street



NEW ROAD CORRIDOR MASTER PLAN

## Neighborhood Stormwater Ideas



roadside bio-swale



median bio-swale

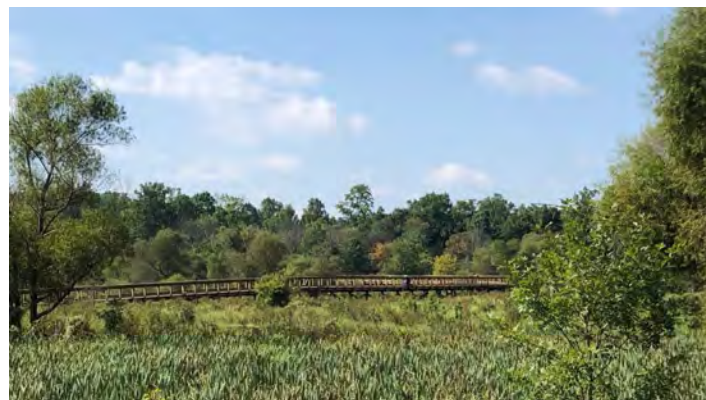


GreenBlue  
URBAN



# New Road Trails and Linkages

- Multi-use Trail
- Bicycle Lanes
- Sidewalks
- (Developer Built, Capital Project)



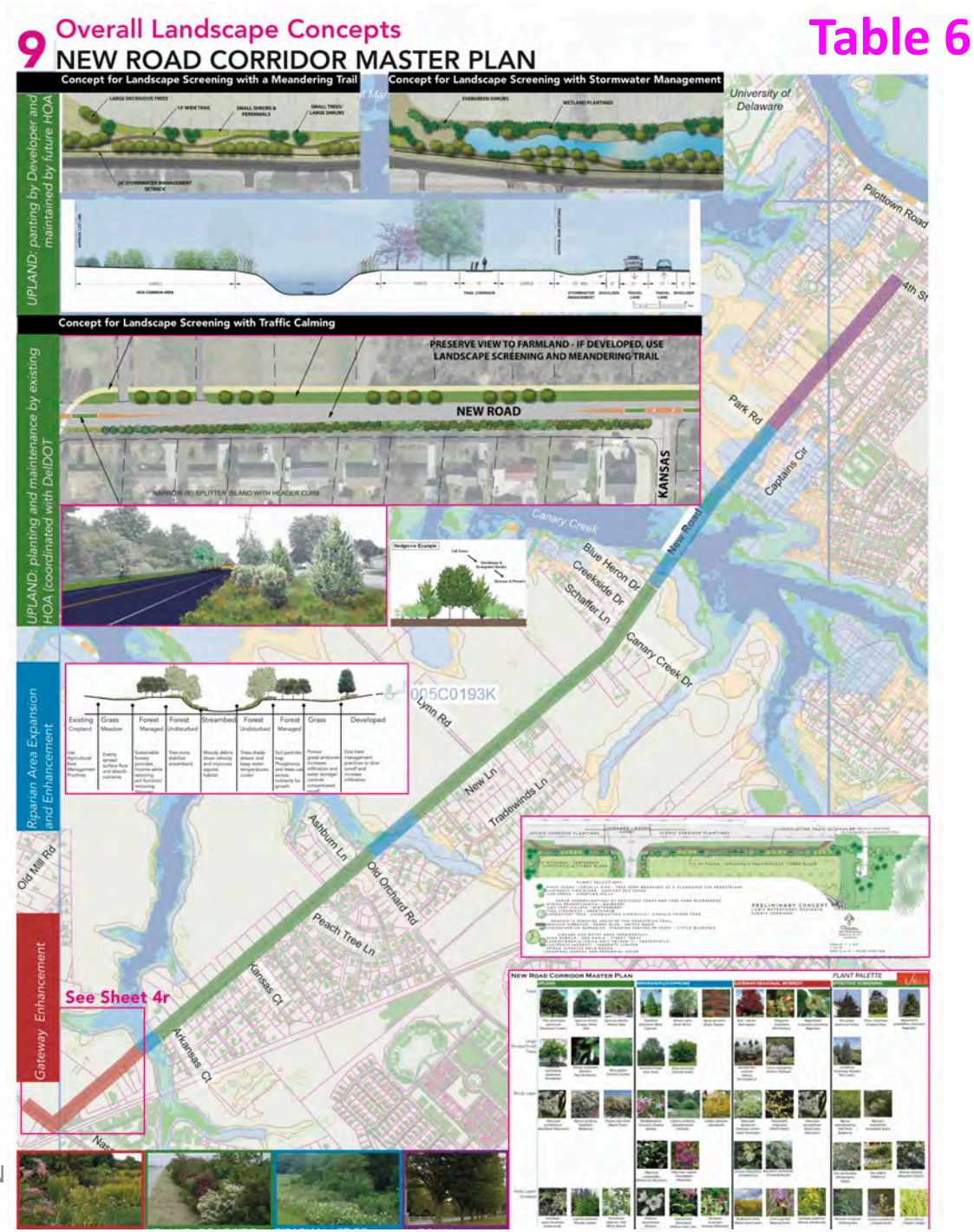
## 8 Bicycle and Pedestrian Facilities NEW ROAD CORRIDOR MASTER PLAN

Table 5





# Corridor Landscape





# Joint Meeting Ad Hoc Committee and Historic Lewes Byway Committee

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2. Rapid Change
3. Transportation
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## 8:00 Adjourn

