

# PUBLIC WORKS COMMISSION

DECEMBER 11, 2013



Town of Concord  
Concord Public Works

## Cambridge Turnpike Improvement Project

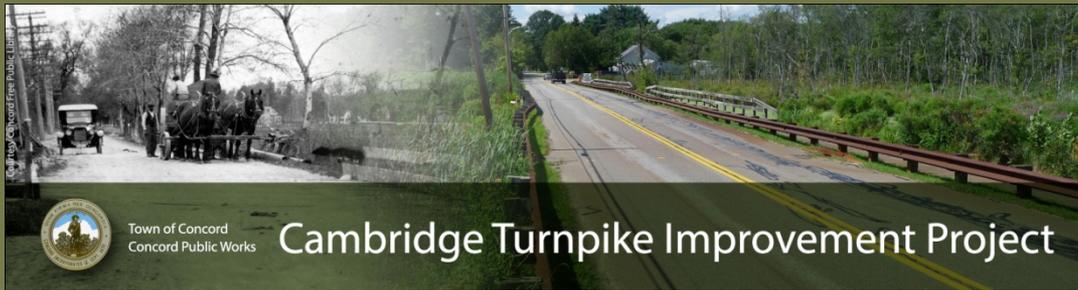
# PUBLIC MEETING



THE Louis Berger Group, INC.

Regina Villa Associates

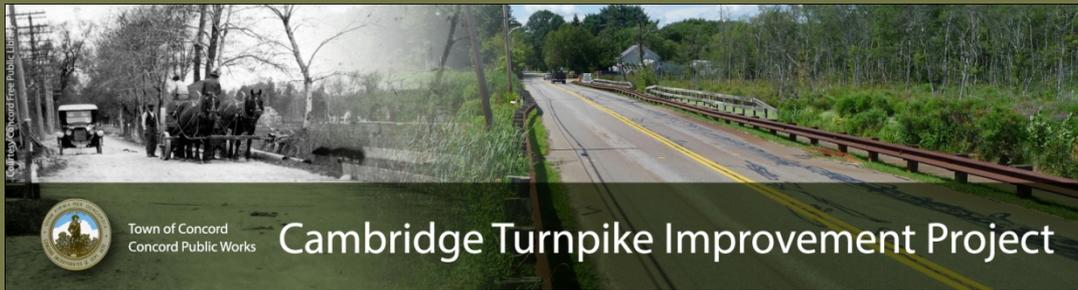




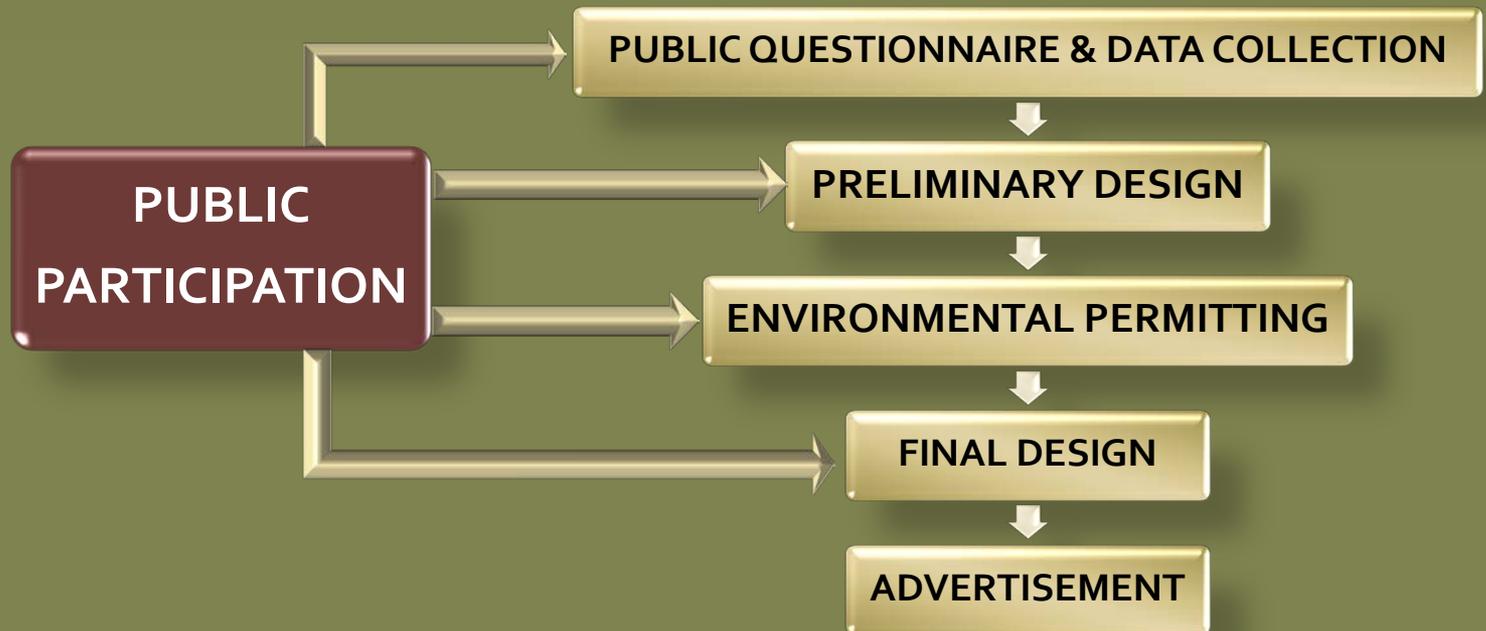
Town of Concord Public Works:  
Richard K. Reine, PWLF – Director, Public Works  
Bill Renault, P.E. – Town Engineer

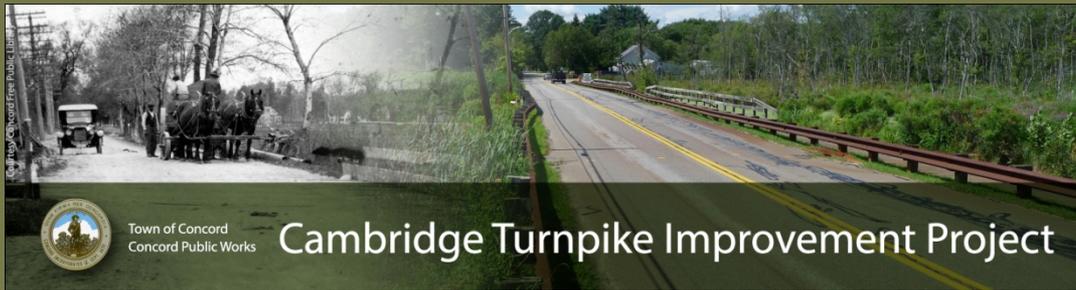


The Louis Berger Group Design Team:  
Darrell Ford, P.E. – Project Manager  
Green International Affiliates, Inc.  
GZA GeoEnvironmental, Inc.  
Kyle Zick Landscape Architecture, Inc.  
Kate Barrett - Regina Villa Associates (Public Outreach)



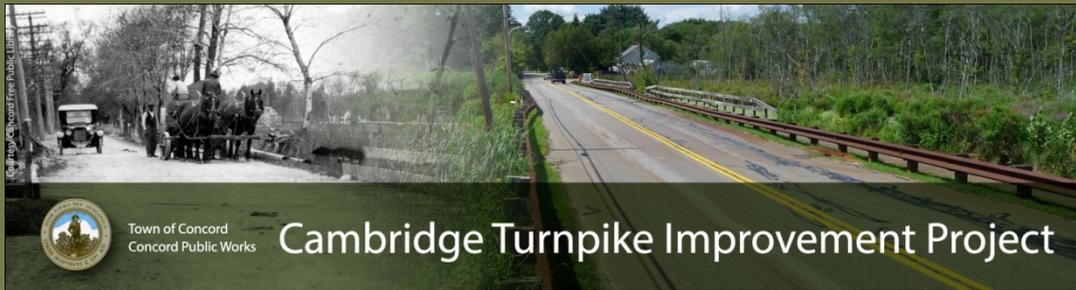
- Results of Public Input
- Design Considerations
- Project Design Process





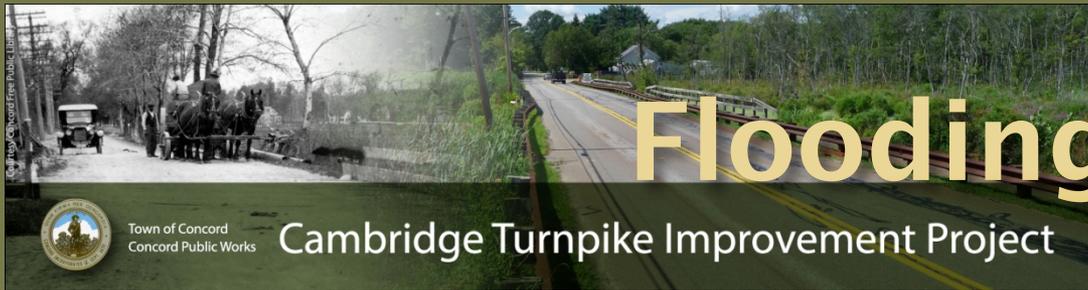
## COMMUNITY QUESTIONNAIRE OVERVIEW

- Goals:
  - Reach out early
  - What does community value
  - What should be prioritized
- Methodology:
  - Print – 430 properties (SASE)
  - Online

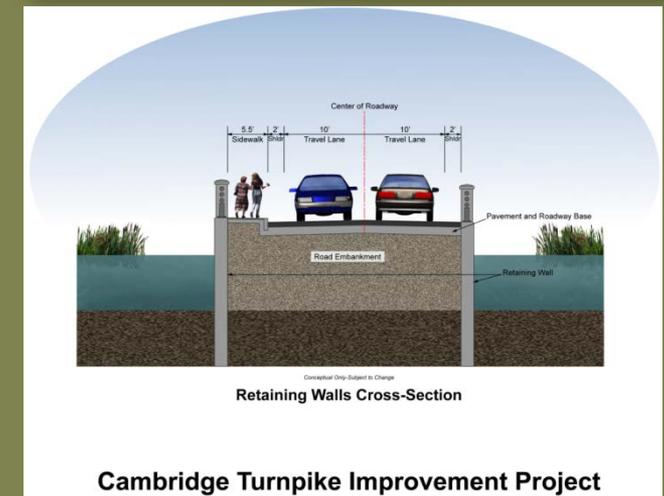
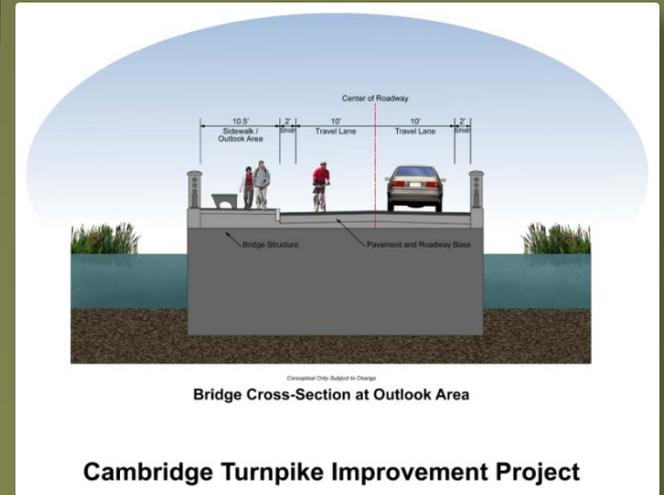
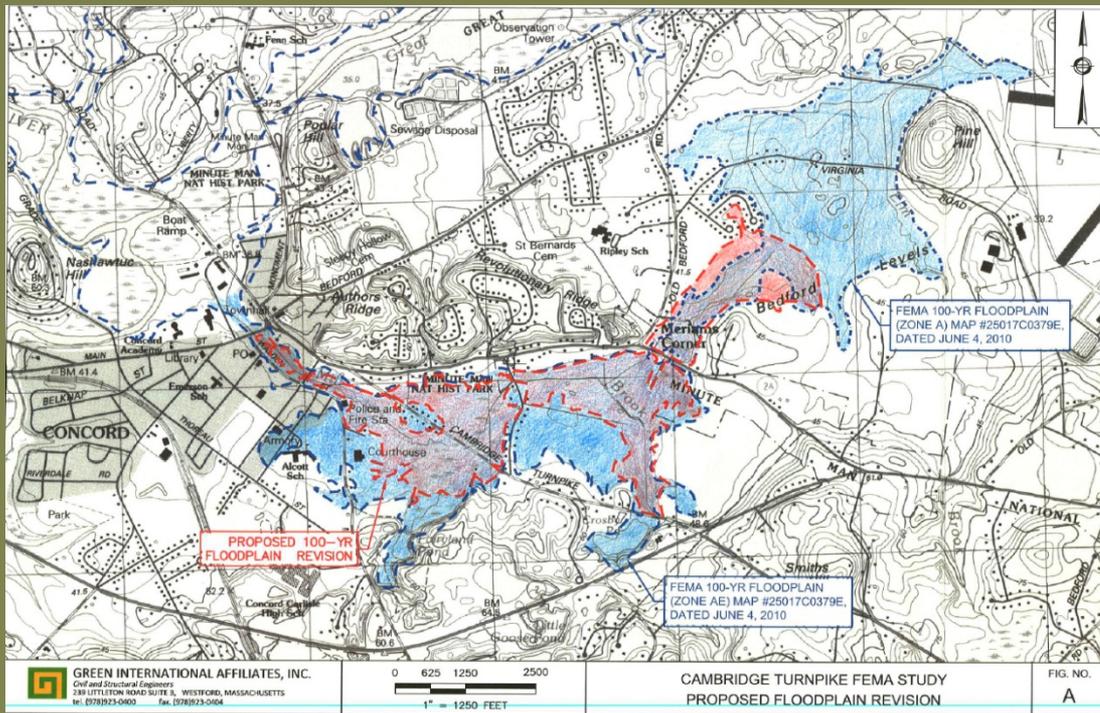


## COMMUNITY QUESTIONNAIRE RESULTS

- 222 completed
- 21% response rate average (typical ~10%) – 32% mailed, 9% online
- All issues rated above 6 (10 = extremely important)
- Ratings:
  - Flooding
  - Traffic congestion (intersections)
  - Traffic safety & speed
  - Pedestrian accommodations
  - Sustainable infrastructure
  - Project Aesthetics
  - Wetlands & wildlife protection
  - Community character
  - Existing roadway width
  - Historic resources
  - Bike accommodations



- Raise roadway profile
- Increase waterway openings





- Reconstruct Cambridge Turnpike/Lexington Road intersection
- Traffic calming
- Advisory or revised lower speed limits
- Increased sight distance from side roads



Lexington Road Intersection

# Sustainable Infrastructure



- Bio-retention at Lexington Road
- Rain garden at Sandy Pond Road
- Envision rating system



Sandy Pond Road



- Sidewalk
- Raised/Contrasting crosswalks



Mill Brook Farm

# Aesthetics – Landscaping, Structures



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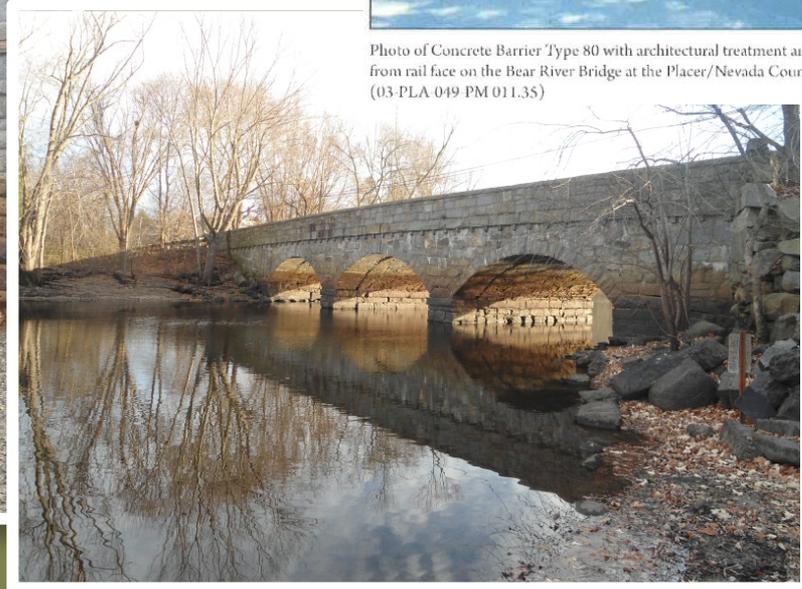
- Lexington Road
- Sandy Pond Road
- Mill Brook Bridge



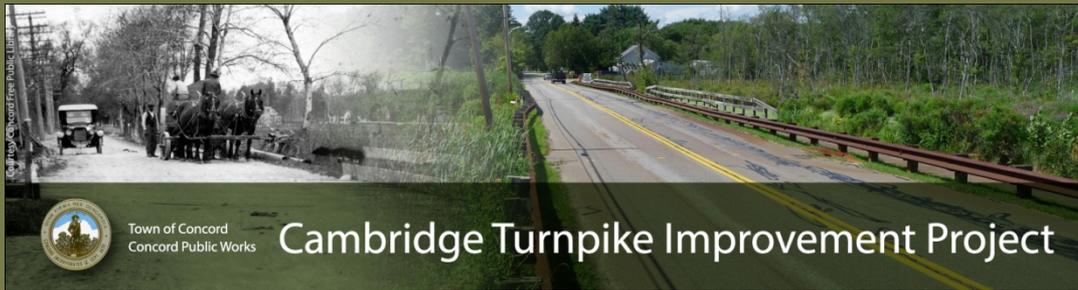
Photo of Concrete Barrier Type 80 with architectural treatment and bicycle rail offset 15 inches from rail face on the Bear River Bridge at the Placer/Nevada County line. (03-PLA-049 PM 011.35)



Nashawtuc Bridge

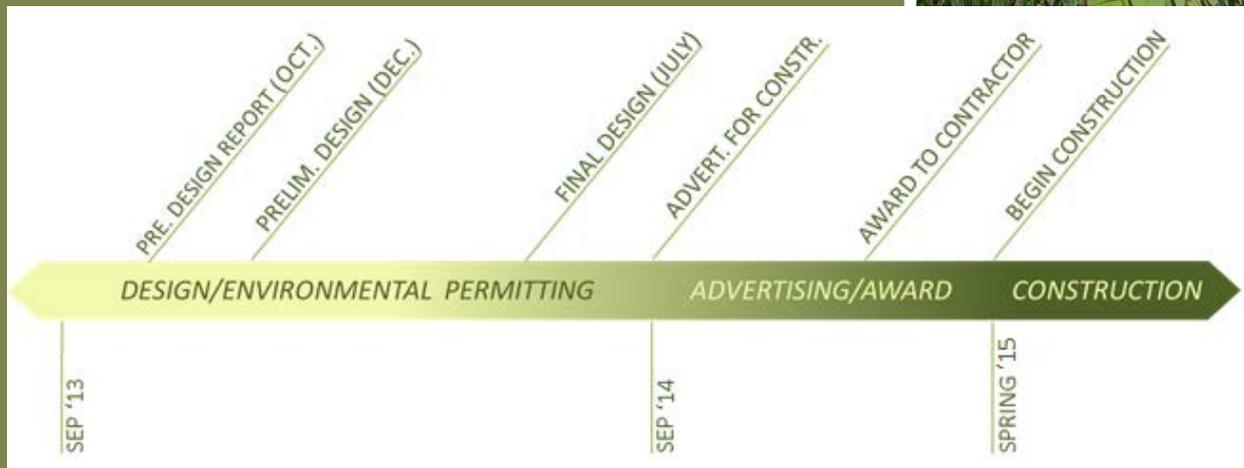


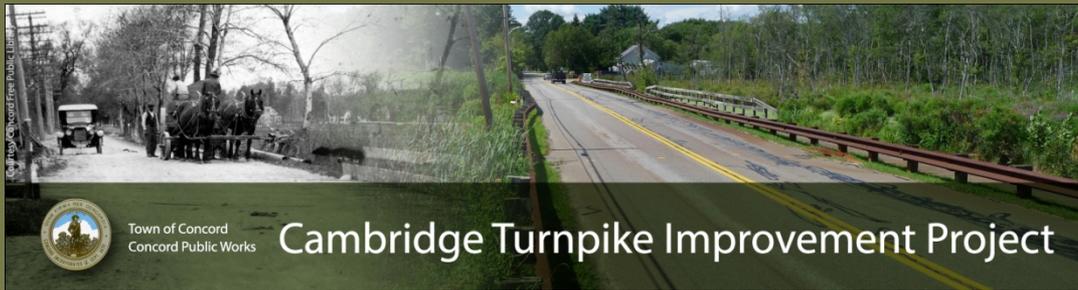
Elm Street Bridge



## WHAT'S NEXT?

- Permitting
- Final design
- Schedule





## Closing

- Email distribution list for project information
- Sign-in sheet

## Questions / Comments?

## Contact Information

- [CTIPcomments@concordma.gov](mailto:CTIPcomments@concordma.gov)
- [www.concordma.gov](http://www.concordma.gov)
- Telephone: 978-318-3206



Cambridge Turnpike over Mill Brook