



Cribari Memorial Bridge Project Advisory Committee (PAC) Meeting #1

CTDOT State Project # 158-214

July 18, 2018

CRIBARI MEMORIAL BRIDGE

Meeting Agenda



- Welcome
- Meeting Overview/Ground Rules
- Introductions
- Project Advisory Committee Process
- Project Background
- NEPA/CEPA Process
- Purpose & Need Statement
- Public Outreach Plan
- Next Steps
- PAC Questions and Comments



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Meeting Overview



- Get acquainted
- Clarify the PAC's role & process
- Ground Rules
- Review the basics together





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Facilitator Role



- Keeping the meeting on schedule
- Ensuring all views are heard
- Giving everyone a chance to speak
- Listening and identifying common ground
- Documenting 'hot topics'
- Recapping discussion and recommendations made



To be instrumental in helping to craft a successful outcome, by:

- Selecting **one** representative from your organization
- Attending meetings, reviewing material, educating yourself
- Sharing viewpoints and ideas in project dialogue
- Being a link between the study team and the community – in both directions
- Helping to identify project issues and alternatives – while honoring differences in opinion and perspective



Purpose: Information Exchange

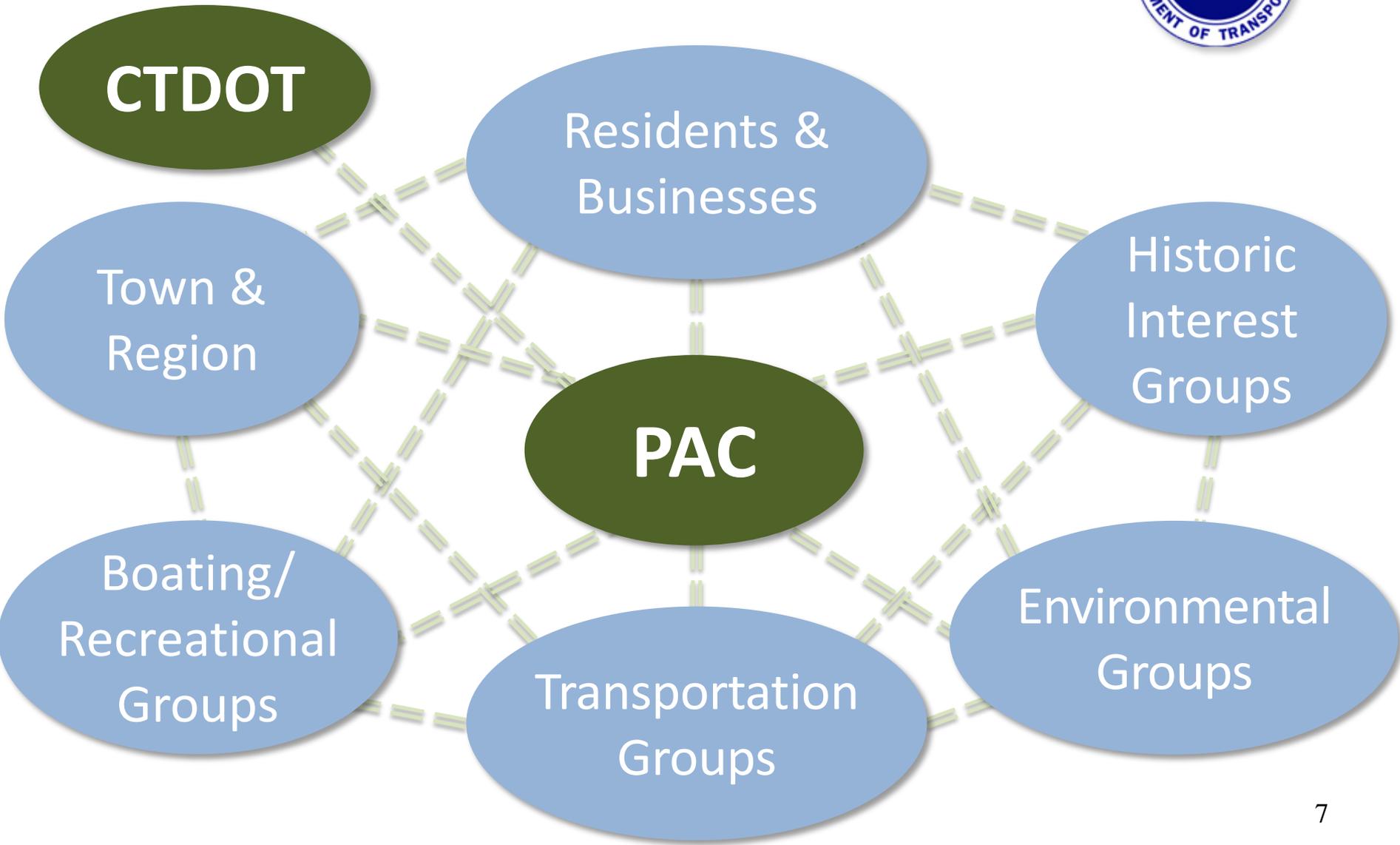
Meetings will

- Start and end on time
- Have a clearly stated purpose
- Showcase diverse perspectives

PAC members will

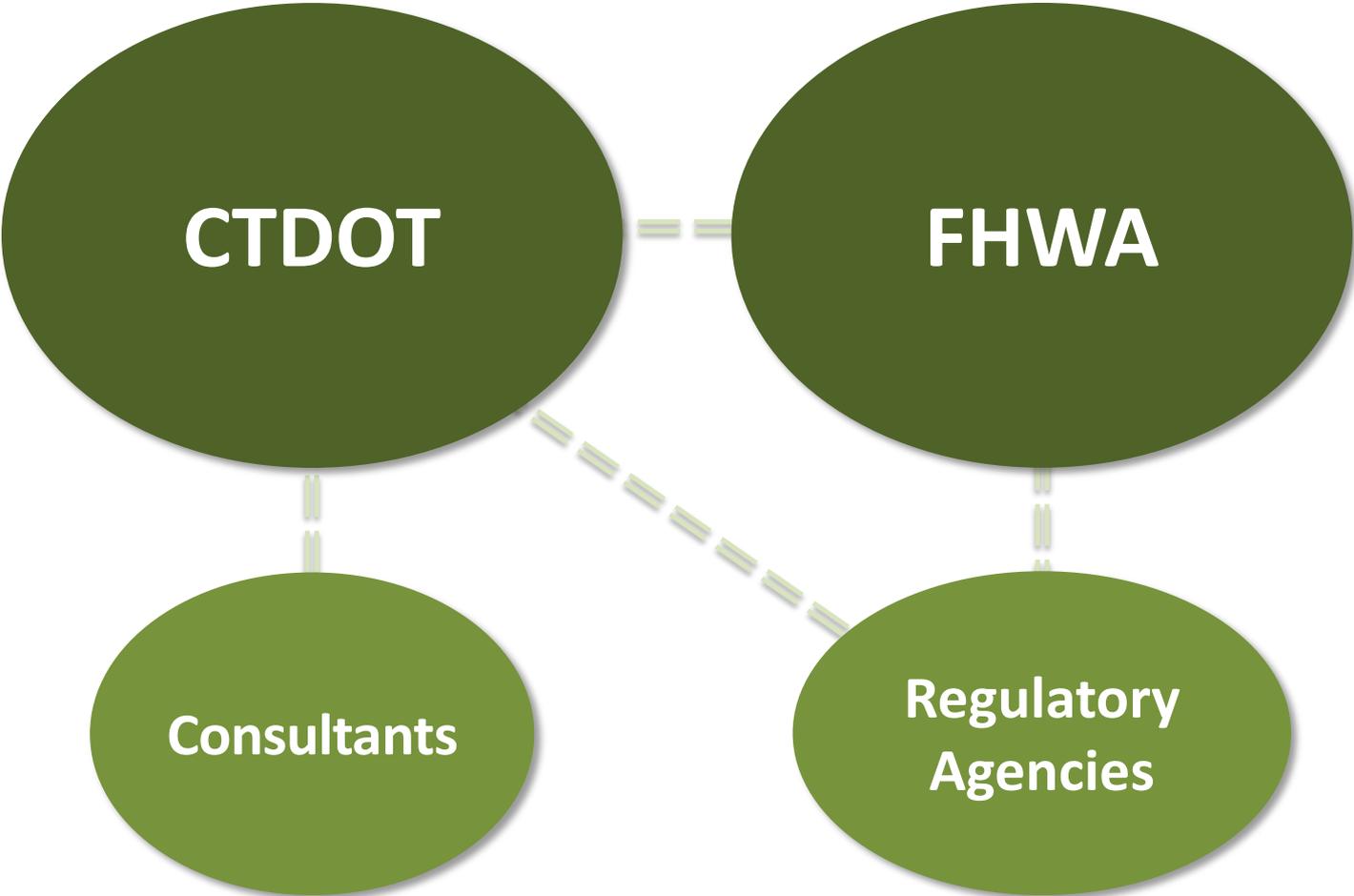
- Be courteous and respect all opinions
- Have one speaker at a time
- Provide honest input
- Respect recommendations discussed at previous meetings
- Review materials provided in advance

CRIBARI MEMORIAL BRIDGE PAC Composition



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Lead & Participating Federal/State Agencies



CRIBARI BRIDGE
RTE 136 OVER SAUGATUCK RIVER
WESTPORT

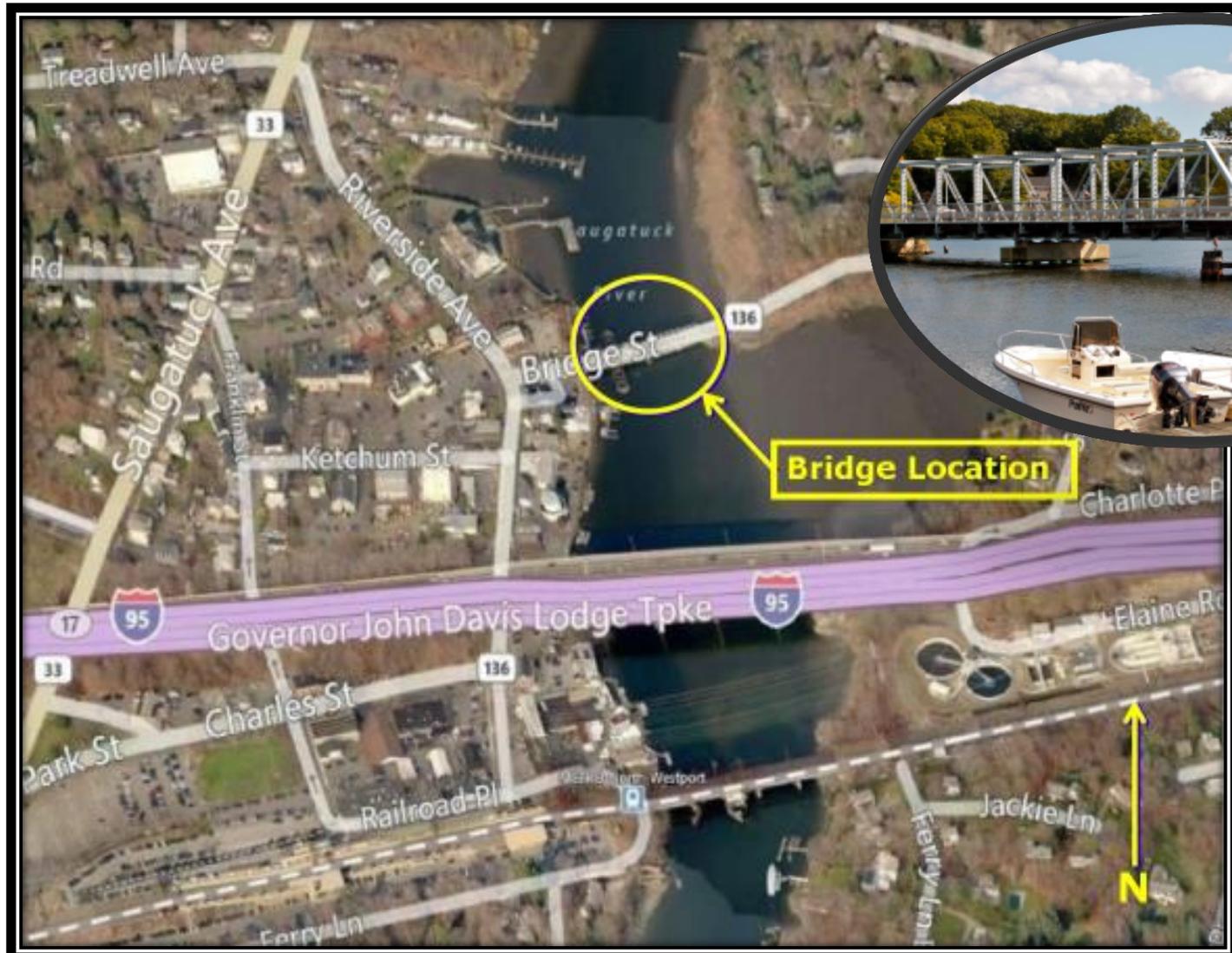
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Project Background



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Bridge Location

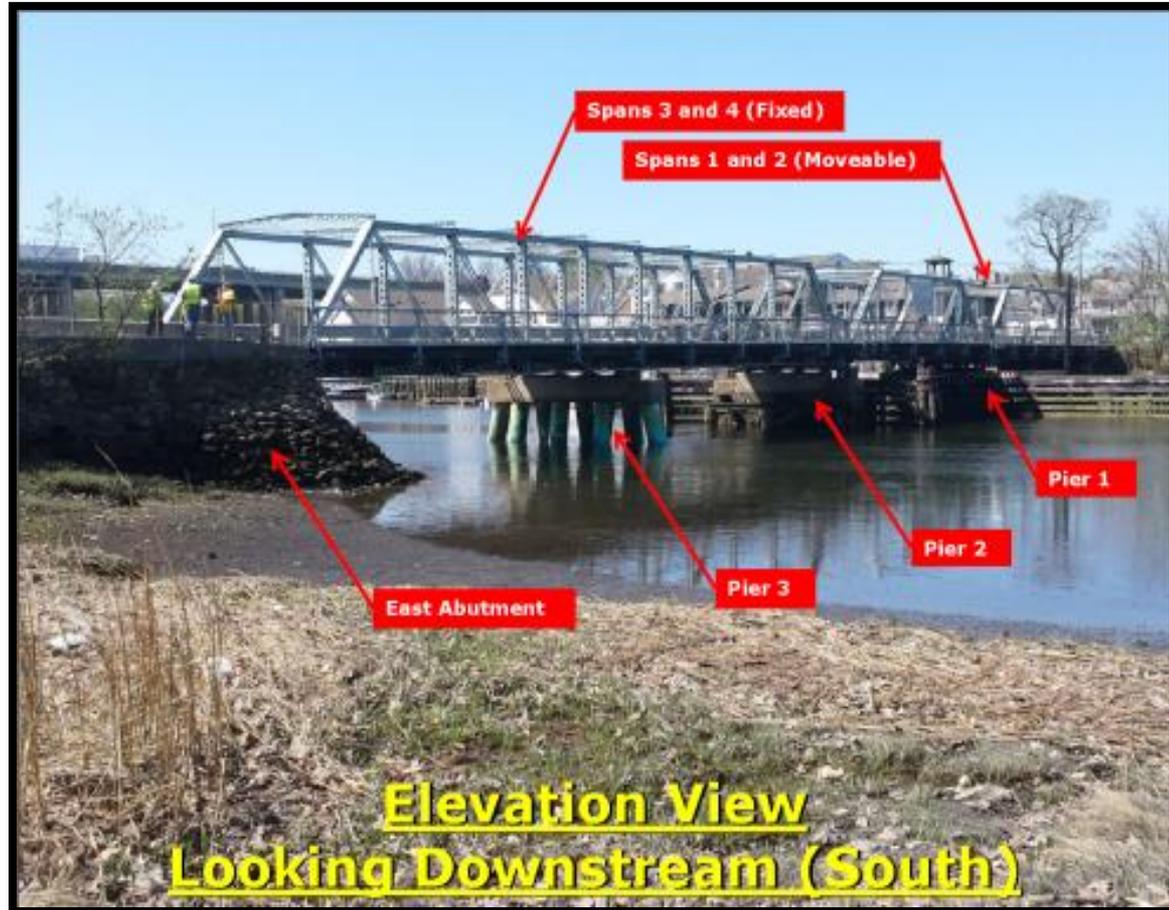


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Existing Structure



- 4-span steel multi-girder swing bridge with an ornamental truss
- National Register of Historic Places 1987
- Total length: 287'
- Deck width: 19'-6"
- ADT = 13,100



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History



1884: Original Construction

1951: Substructure Modification

- Pier 2 vessel impact damage
- Steel jacking of swing pier

1973: Substructure Modifications

- Repairs to deteriorated pier 2
- 1951 steel piles encased in concrete

1991: Superstructure Replacement

- Temporary bridge to maintain traffic
- Installation of third pier
- Trusses retained for ornamental façade
- Swing machinery replaced w/ electric motors



Temporary Bridge - 1991



Pier 2 - 1991

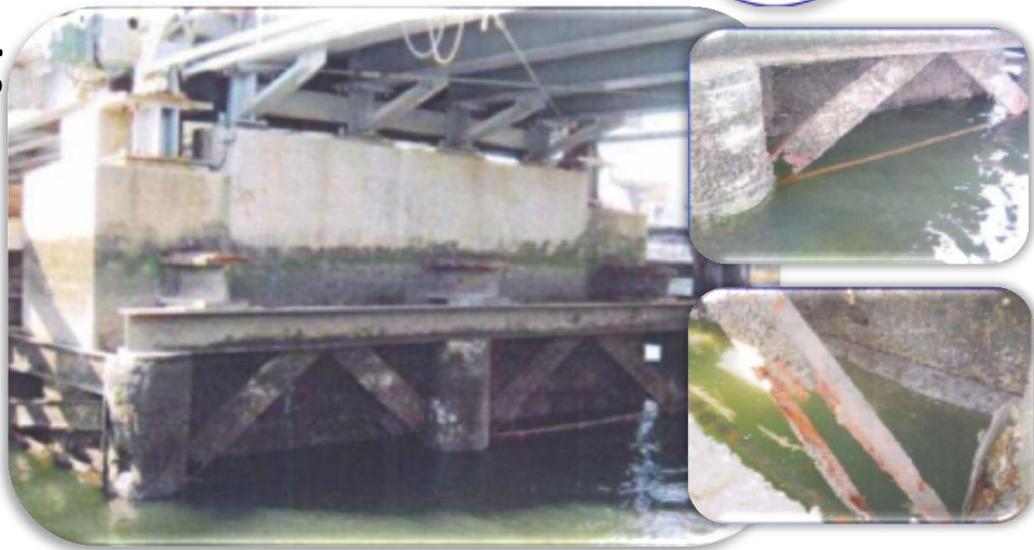
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Existing Bridge Deficiencies



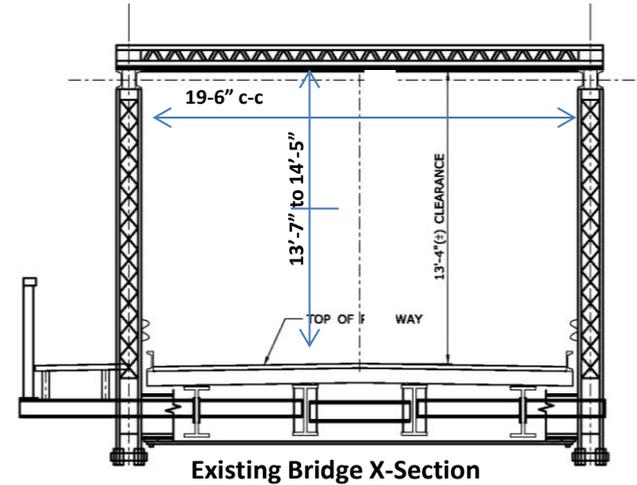
Structural Condition Rating

- Deck: 6 (Satisfactory)
- Superstructure: 5 (Fair)
- Truss: 2 (Critical)
- Substructure: 4 (Poor)
- Pier 2 cross bracing: 2 (Critical)



Does not meet geometric standards

- Substandard roadway width (19'-6")
- Substandard vertical clearance (13'-7" to 14'-5")
- Deck geometry rated 2 (intolerable)
- "Functionally Obsolete"



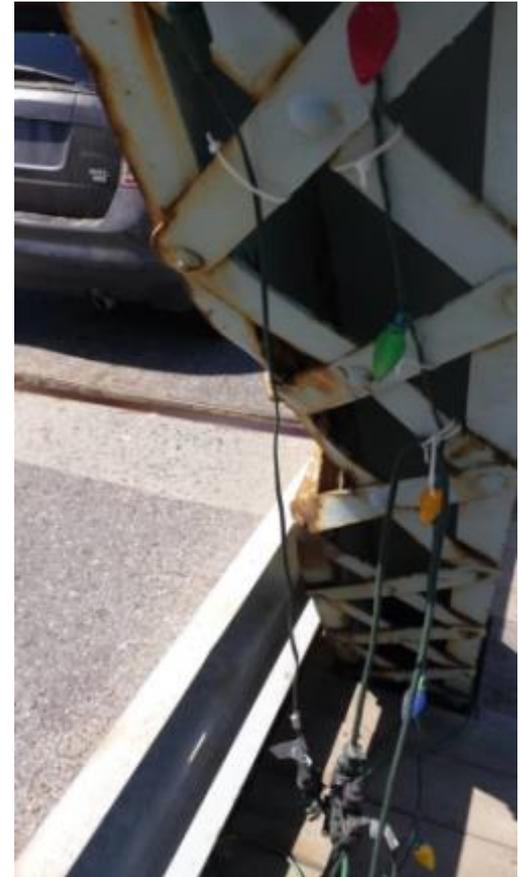
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Bridge Geometry: Functionally Obsolete



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Truss Vehicular Impact Damage



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Substructure Condition



East Abutment



West Abutment



Rusted Areas

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Why Was This Project Initiated?



1. Deficiencies that could not be addressed by Bridge Maintenance:
 - Heavy vehicular impact damage to ornamental wrought iron truss
 - Pier 2 steel pile bents have deteriorated encasement with exposed piles
 - Pier 2 secondary bracing members have 100% section loss with disconnected members
2. A Rehabilitation Study Report was prepared to investigate all bridge deficiencies.



Bridge Load Rating & Posting

- Loads restricted due to condition of piers

Stabilizing existing Retaining Wall at NW Corner

Ornamental Truss Damage

- Interim repairs to damaged vertical and diagonal members



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Project Purpose



The purpose of the project is to address the structural and functional deficiencies of the existing William F. Cribari Memorial Bridge (Bridge No. 01349), which carries Route 136 over the Saugatuck River in the Town of Westport, to provide a structure that accommodates safe vehicular, bicycle, pedestrian, and marine travel, is resilient to the changing shoreline climate and environmental conditions and considers the historic character of the bridge.

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Project Need

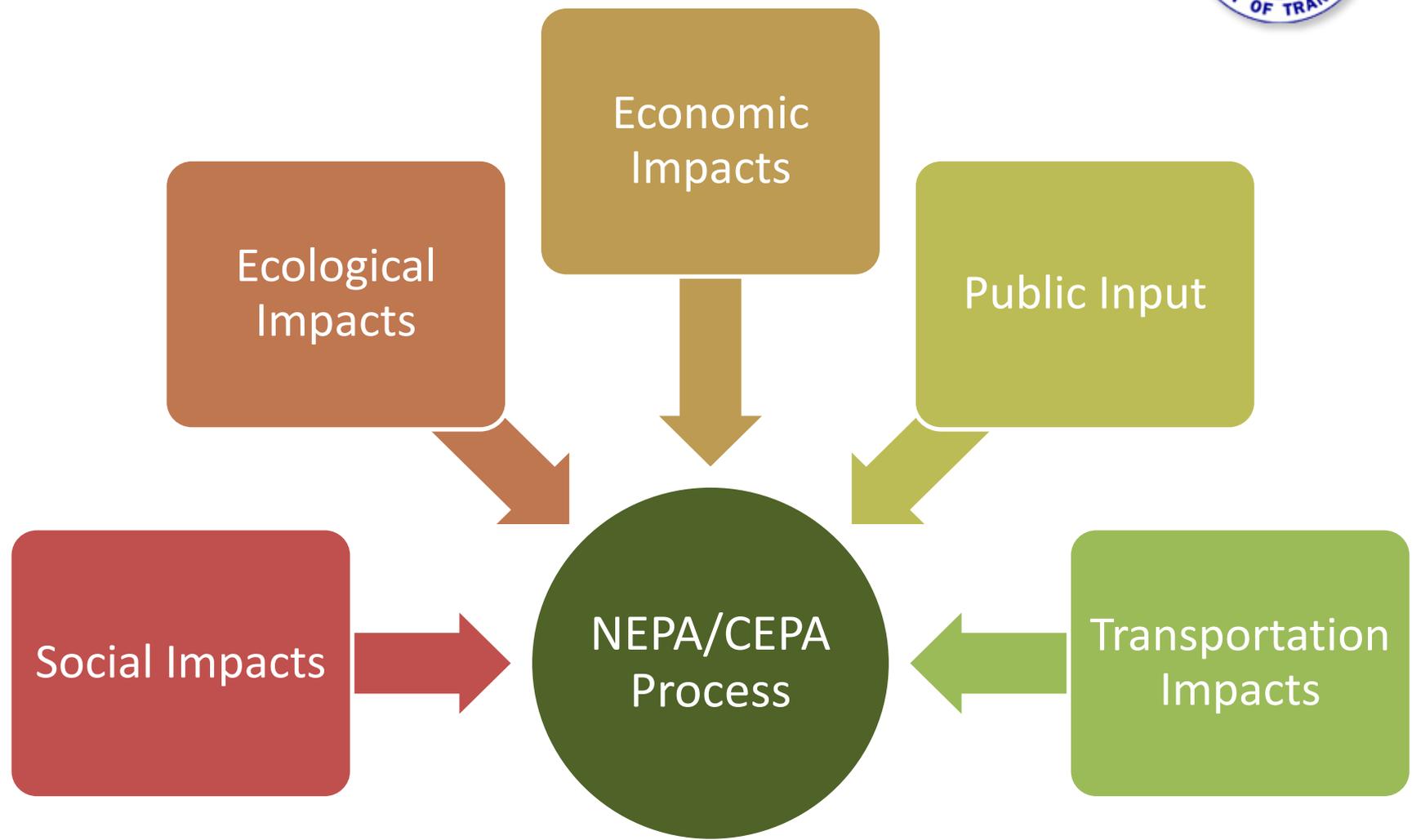


While the bridge has undergone a series of repairs and rehabilitations over the years, it has deteriorated with time and use.

The following issues need to be considered:

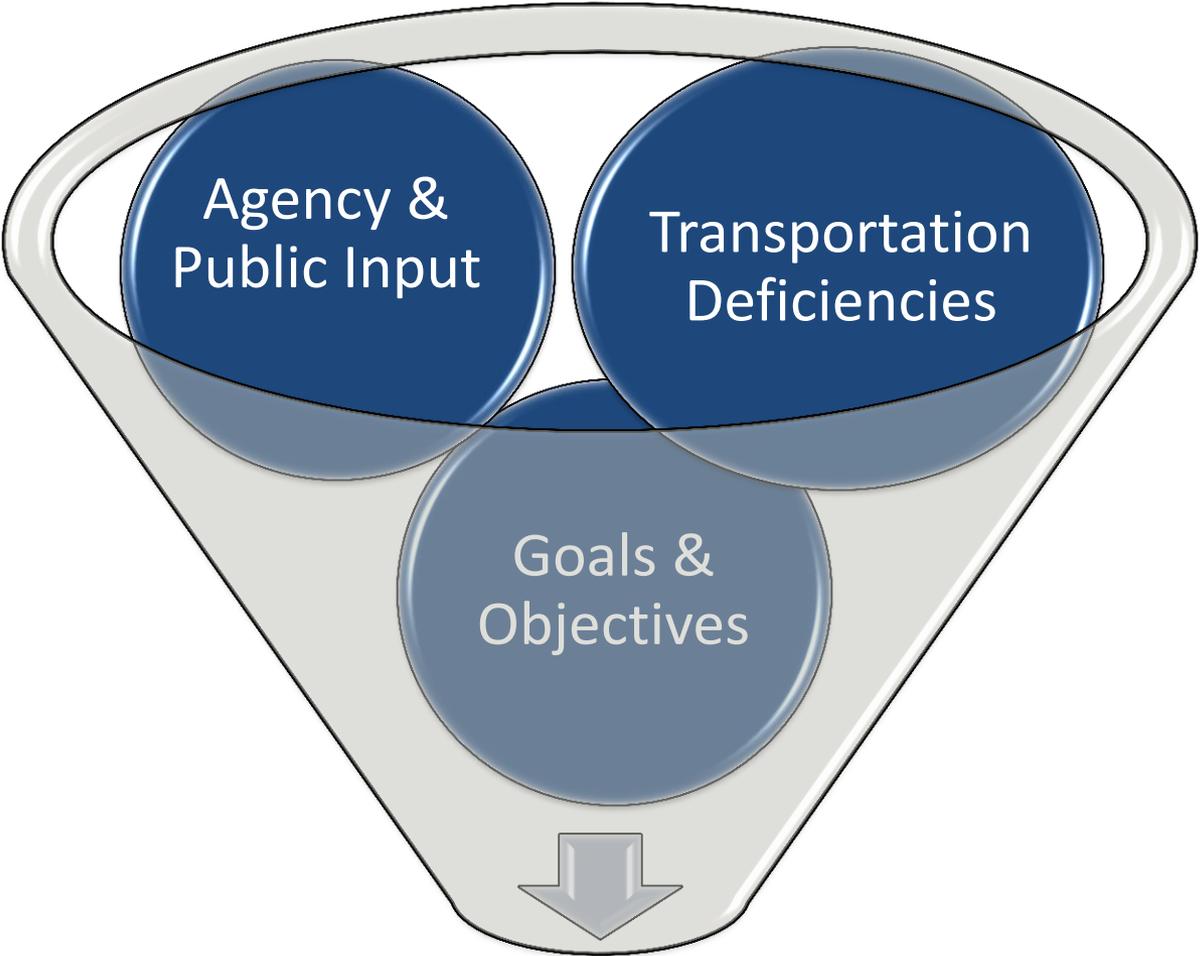
- Substandard bridge conditions
- Truss in critical condition
- Obstruction to marine travel
- Substandard roadway barrier system

CRIBARI MEMORIAL BRIDGE NEPA/CEPA Process



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Purpose & Need Process



Purpose and Need Statement

CRIBARI MEMORIAL BRIDGE NEPA/CEPA Process



- Scoping Phase
- Data Collection and Documentation Process
- Review Phase
- Finalization Phase

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Stakeholder Involvement Opportunities

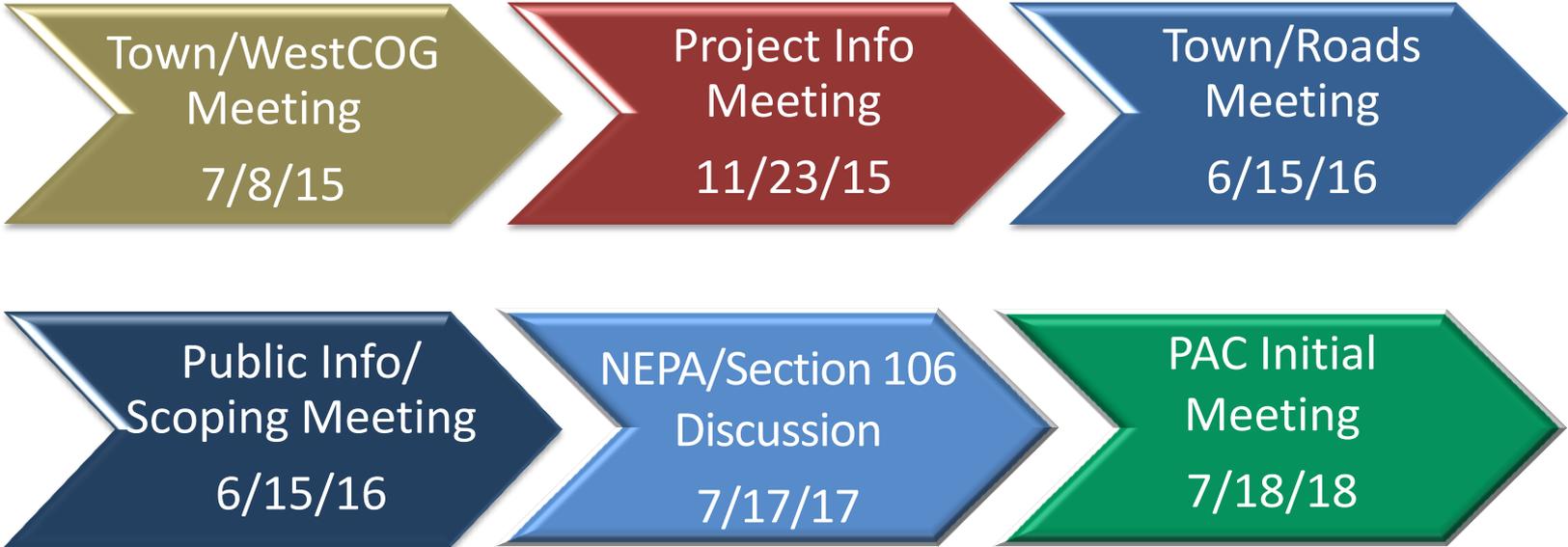


- Project Advisory Committee
- Public workshops
- Public meetings
- Project Website
- Project Manager email



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Public Outreach to Date



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PAC Next Steps



- Confirm PAC membership
- Future PAC Meetings at key project milestones



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Thank You!

We deeply appreciate your time and your commitment to helping us reach the best possible solution

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