

# **Public Information Meeting**

**State Project No. 102-295  
Median Reconstruction and  
Resurfacing of I-95  
from  
Exit 16 in Norwalk  
to  
Exit 17 in Westport**

**January 7, 2016 - Norwalk**

**January 13, 2016 – Westport**

Connecticut Department of Transportation



# Agenda

## **Introduction**

**Andy Fesenmeyer – CTDOT**

## **Design Presentation**

**Jeffrey Keefe – AECOM**

**Don Costello – AECOM**

## **Rights of Way Process**

**Michelle Miller – CTDOT**

## **Questions & Comments**

**Andy Fesenmeyer - CTDOT**



## Project Purpose

- **Improve Driver Safety**
  - **12 foot wide inside shoulder**
  - **New higher and stronger concrete barrier in median**
- **Repave the Existing Roadway**
- **Bridge Reconstruction**



## **Project Funding**

- **Federal Highway Administration - 90%**
- **State of Connecticut – 10%**
- **Local – Yankee Doodle Trail**

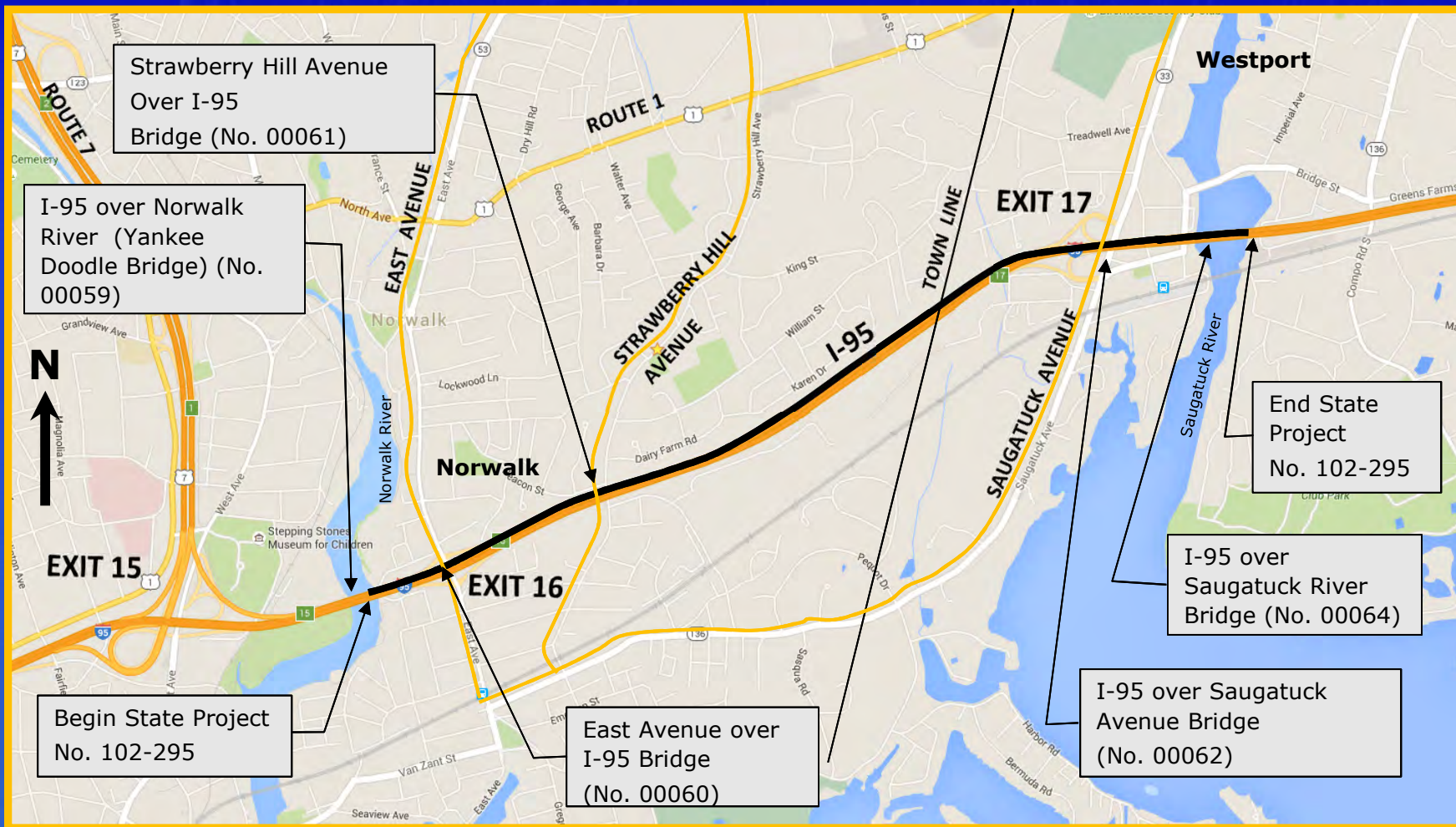
## **Project Schedule and Cost**

- **Current Status - Design is 50% complete**
- **Final Design – Summer 2017**
- **Advertise for Construction Bids – End of 2017**
- **Start Construction – Spring 2018**
- **Finish Construction – Fall 2019**

**Total Estimated Construction Cost: \$55 to \$70 Million**



# Project Location



# **Project Elements**

- **Reconstruct Median**
- **Mill and Overlay existing I-95**
- **Drainage Improvements**
- **Park and Ride Commuter Lot**
- **Segment of the Yankee Doodle Trail**
- **Maintain Traffic During Construction**
- **Utility Relocation**
- **Regulatory Permits**
- **Rights-of-Way**
- **Bridge Reconstruction**



# Existing I-95 Roadway



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# Proposed I-95 Roadway



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# Drainage Improvements, Yankee Doodle Trail and Park & Ride Expansion at Hendricks Avenue



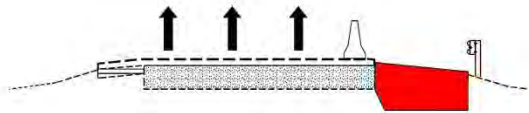
# **Maintaining Traffic During Construction**

**Provide 3 Lanes on I-95 except for occasional weekend and off peak traffic periods for:**

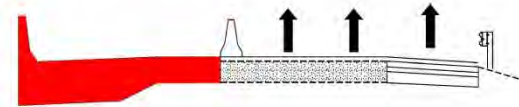
- Mill and pave operations**
- Bridge reconstruction**



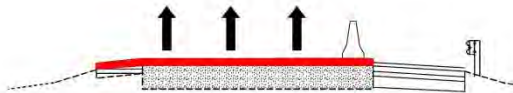
# Maintenance of Traffic I-95



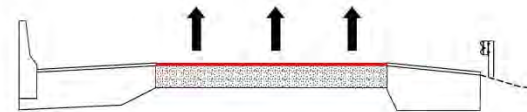
STAGE 1  
OUTSIDE SHOULDER RECONSTRUCTION  
3 TRAVEL LANES



STAGE 3  
MEDIAN RECONSTRUCTION  
3 TRAVEL LANES



STAGE 2 – MILL AND OVERLAY EXISTING PAVEMENT DURING OFF PEAK HOURS  
3 TRAVEL LANES DURING PEAK HOURS



STAGE 4 – CONSTRUCT 2" OVERLAY  
3 TRAVEL LANES DURING PEAK HOURS

STAGE 5  
INSTALL FINAL COURSE  
3 TRAVEL LANES DURING PEAK HOURS

# **Utility Relocation**

## **Strawberry Hill Avenue Bridge**

**Water main**

**Overhead wires and pole**

**Gas main**

**Electric duct**

## **Saugatuck Avenue Bridge**

**Overhead wires**

**CTDOT is currently coordinating with the appropriate utility owners.**



# Regulatory Permits

## CT Dept. of Energy and Environmental Protection

- Flood Management Certification
- Office of L.I. Sound Programs
- Inland Wetlands
- Stormwater Discharge General

## Army Corps of Engineers

- Category 1 General Permit



# **Noise Barriers**

**Project criteria - CTDOT Noise Abatement Policy & Federal Register 23 CFR Part 772**

**Criteria requirements:**

- **Highway on a new location**
- **Horizontal or vertical alignment is altered**
- **Additional lanes are proposed**
- **New facilities are proposed such as a toll plaza, weigh station or rest area**

**This project does not meet the above criteria**



# Rights-of-Way

## Anticipated Impacts:

- Slope Easements
- Construction Easements



# **Bridge Reconstruction** **Strawberry Hill Ave. over I-95**

**What are we doing?:**

- **Replace Bridge Deck and Girders (Superstructure)**
- **Raise the Superstructure to Improve Vertical Under Clearance**
- **Temporary Pedestrian Bridge over I-95**
- **Maintain 2-Lanes on Strawberry Hill Ave.**





# Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

**What are we doing?**

- **Replace Bridge Deck and Girders**
- **Minor Widening**
- **Evaluating:**

**Conventional Construction Methods**  
**vs.**  
**Accelerated Construction Methods**



# **Bridge Reconstruction** **I-95 over Saugatuck Ave. (Route 33/136)**

## **Conventional Construction Methods:**

- **Eight Construction Stages**
- **Maintains All Lanes – Narrowed for Construction**
- **Duration - Approximately 2 Years**



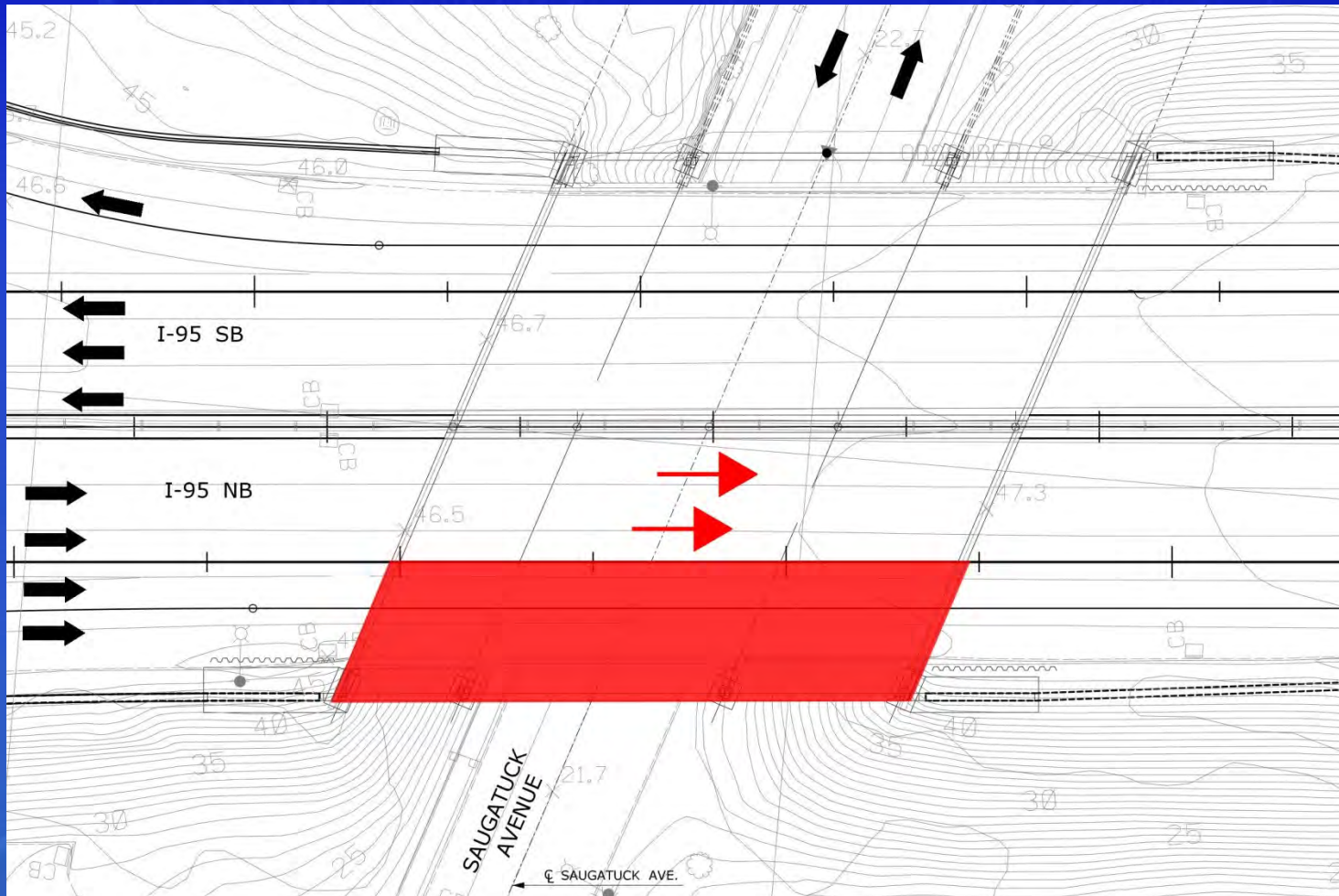
# **Bridge Reconstruction** **I-95 over Saugatuck Ave. (Route 33/136)**

## **Accelerated Construction Methods:**

- **Get In / Get Out / Stay Out**
- **Replace Portion of Structure over a Weekend**
- **Maintain at Least 2 Lanes Each Direction**
- **Four Weekends to Replace Superstructure**
- **Duration – Approximately Six Months**
- **Public Outreach**



# Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

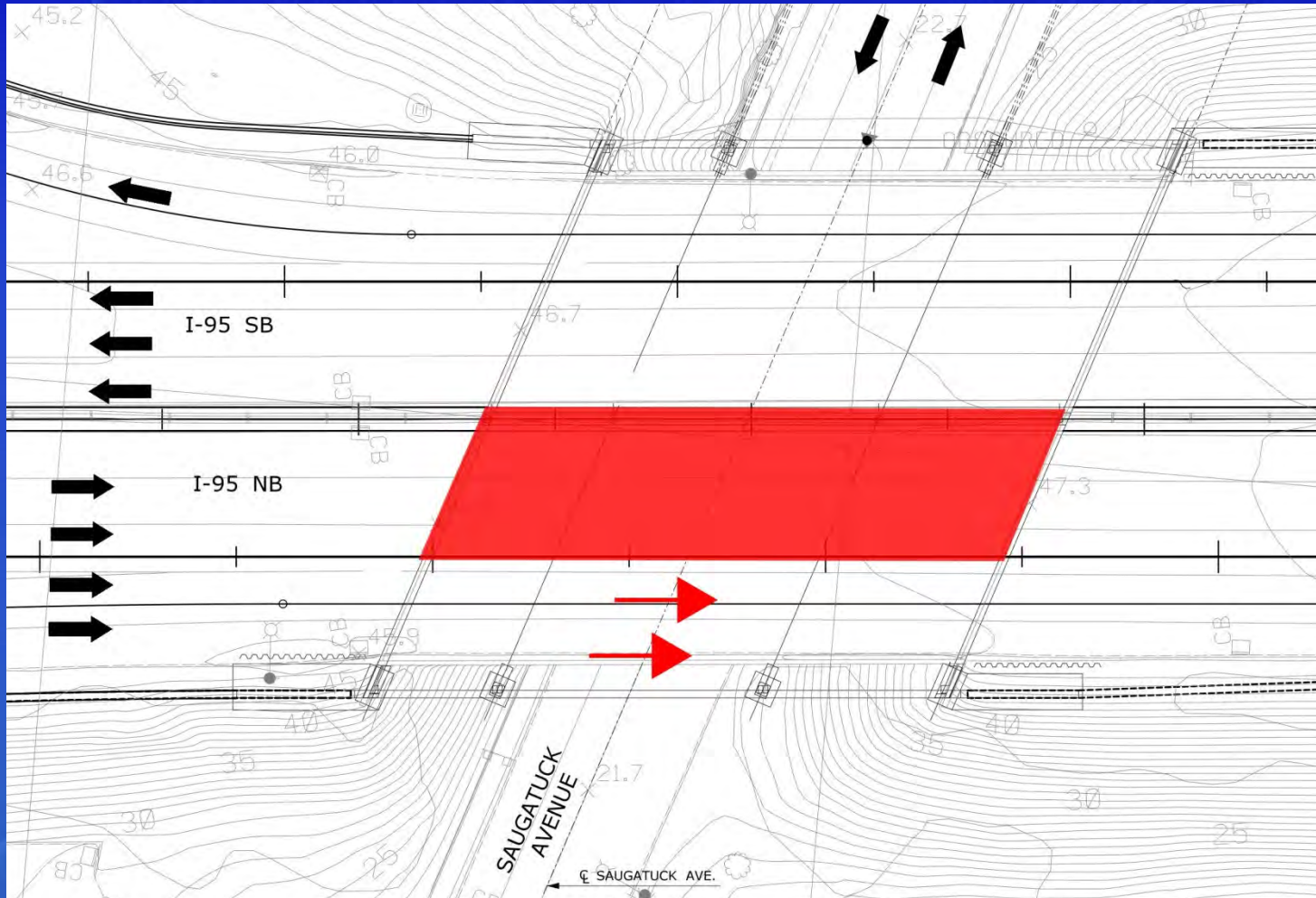


## Stage 1

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# Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

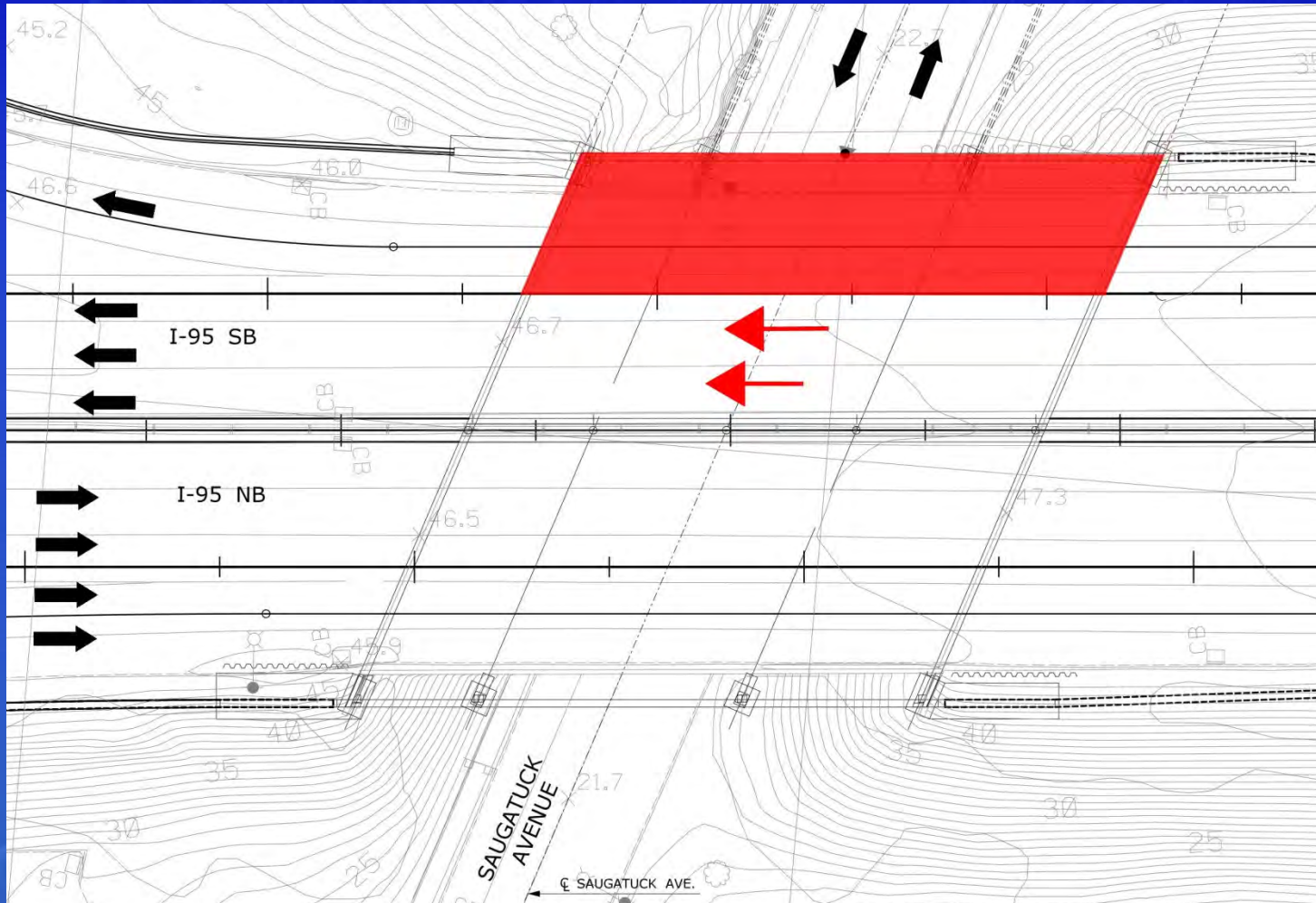


## Stage 2

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# Bridge Reconstruction I-95 over Saugatuck Ave(Route 33/136).

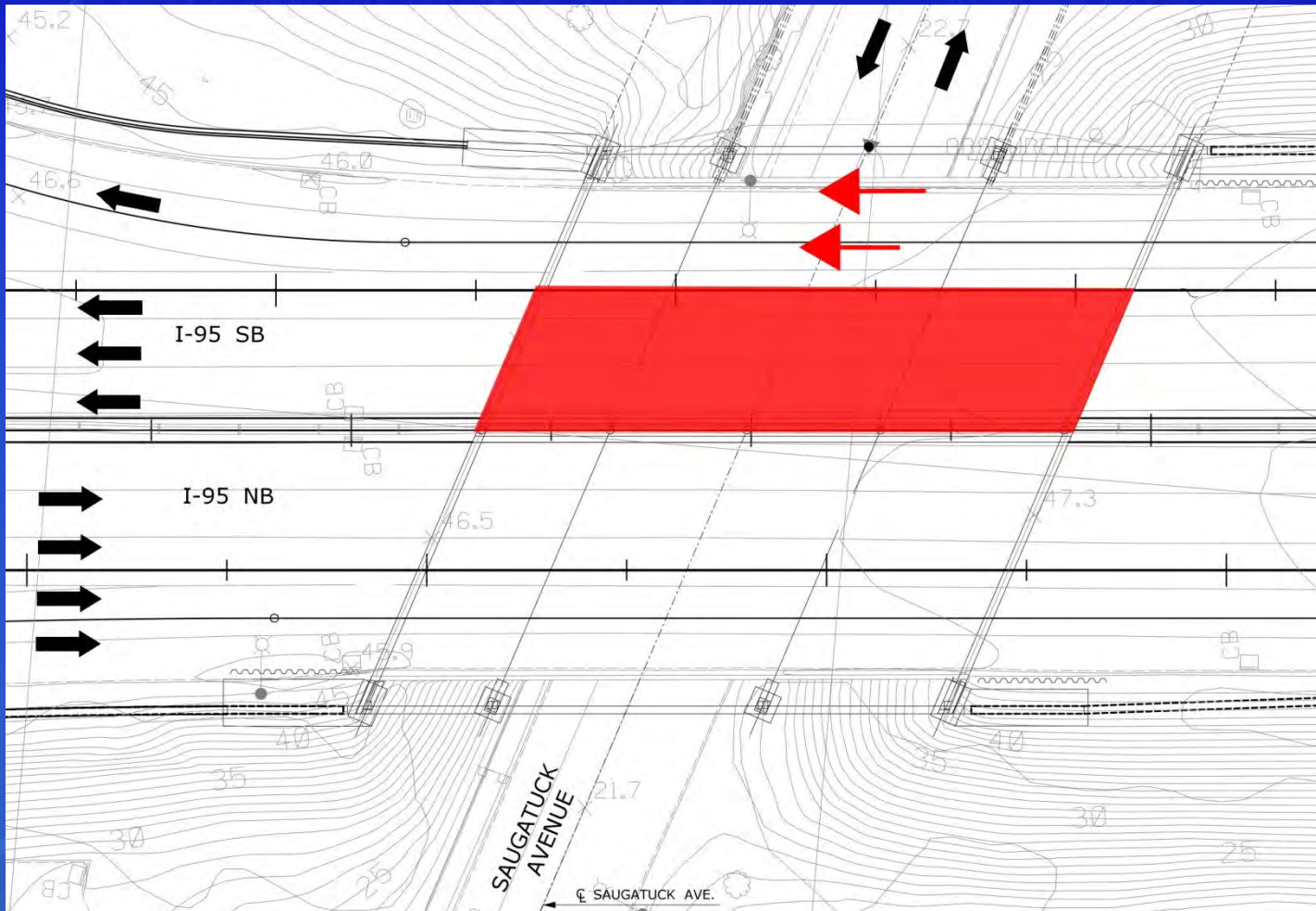


## Stage 3

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# Bridge Reconstruction I-95 over Saugatuck Ave. (Route 33/136)

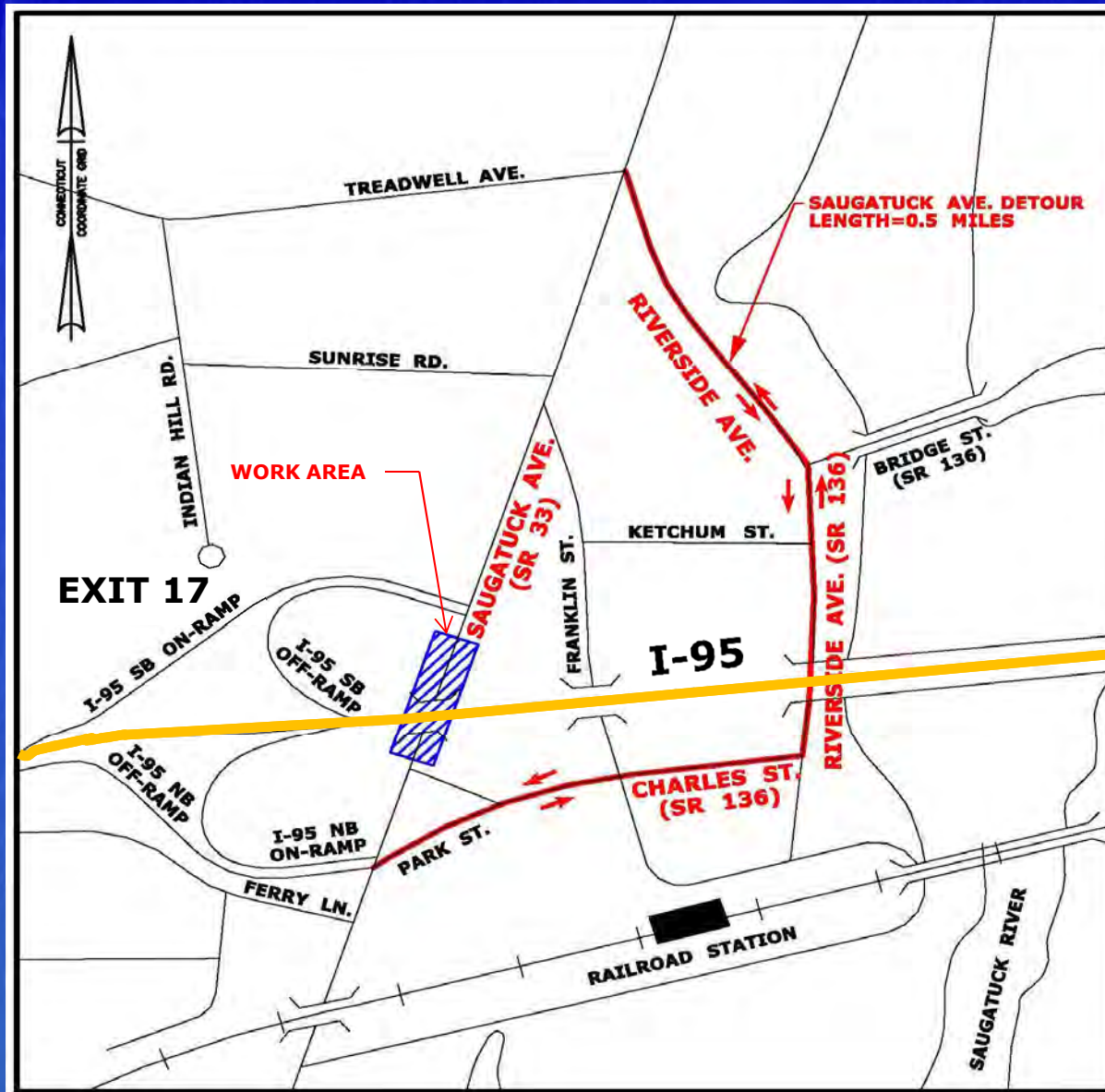


## Stage 4

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# Detour – Saugatuck Avenue

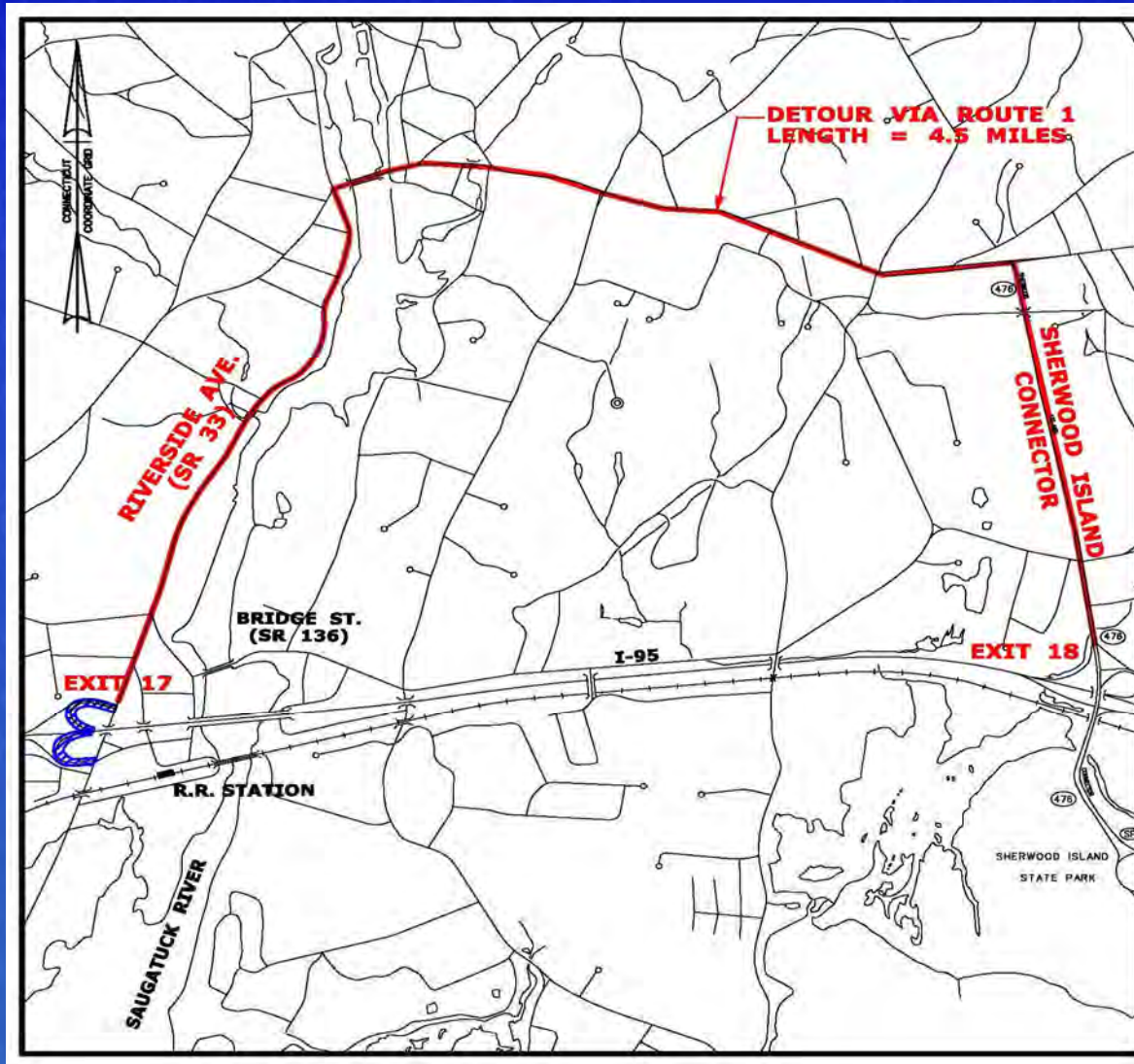




# Exit 17 Ramp Detour

I-95 NB On-Ramp

I-95 SB Off-Ramp



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# **Bridge Reconstruction** **I-95 over Saugatuck River**

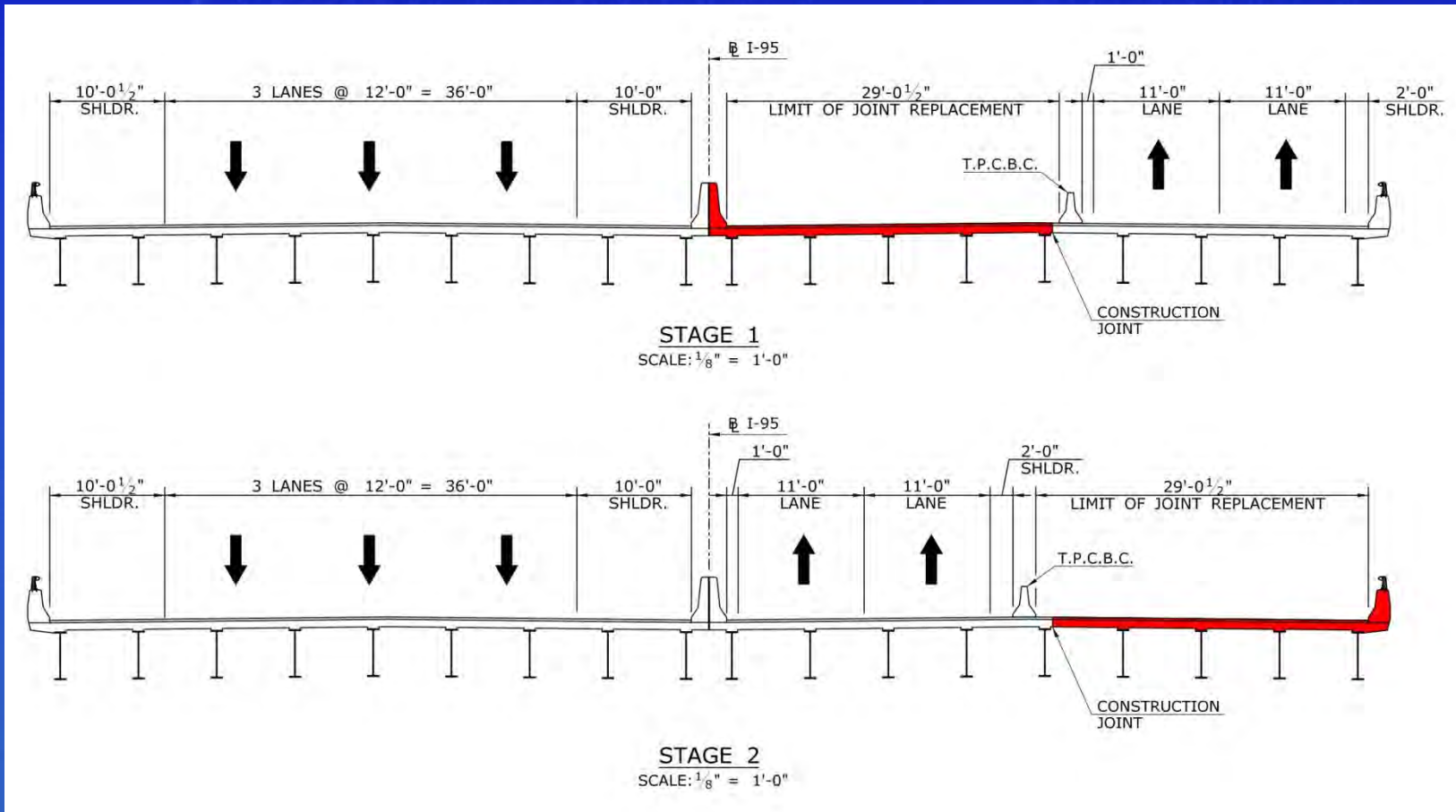
**What are we doing?:**

- **Expansion Joint Replacement**
- **Evaluating:**

**Conventional Construction Methods**  
**VS.**  
**Accelerated Construction Methods**



# Bridge Reconstruction I-95 over Saugatuck River



## Accelerated Construction Staging

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# Public Outreach

## Public Media

- Project Website
- Press Notices
- Detour Signing
- Live Camera Feeds
- Message Boards

## I-95 Intelligent Transportation System

- Cameras
- Message Boards
- Advisory Radio
- Travel Alert Systems – CT, NY, NJ, MA, RI



**Department of Transportation**  
**Division of Rights of Way**  
**(ROW)**

**Michelle Miller**  
**Project Coordinator**  
**2800 Berlin Turnpike**  
**P.O. Box 317546**  
**Newington, CT 06131-7546**

Connecticut Department of Transportation



# Function

- **Acquire all property/property rights necessary for transportation projects.**



# **Statutory References**

- **State of Connecticut**

**C.G.S. Sections 13a-73 & 13a-98e**

- **Federal**

**Uniform Relocation Assistance and Real Properties Acquisition Act of 1970, as amended.**



# Types of Property Impacts

- Total Acquisitions
- Partial Acquisitions
- Easements
- Construction Easements
- Rights



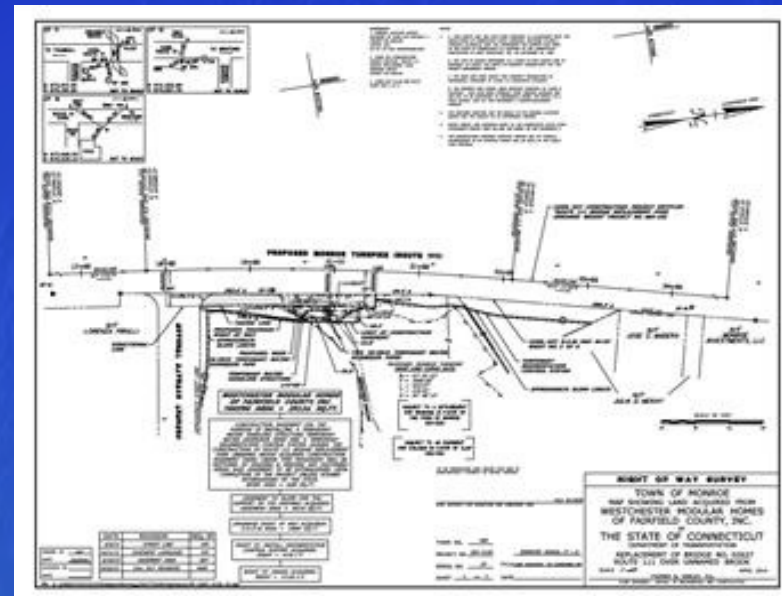
**\* Note: Specific impacts are subject to change as the design progresses.**





# ROW Acquisition Process

- Letter of Intent to Acquire
- Valuation
- Offer of Just Compensation
- Negotiation
- Acquisition
  - Agreement
  - Eminent Domain/Condemnation
    - » 6 month appeal period



## Timing for Acquisitions

- **All property rights must be acquired by the project advertising date.**
- **Current Advertising Date:  
December 2017**



## **Contact Information:**

**Mr. Andy Fesenmeyer  
Project Manager - Highway Design  
Connecticut Department of Transportation  
2800 Berlin Turnpike  
P.O. Box 317546  
Newington, CT 06131-7546**

**E-Mail: [andy.fesenmeyer@ct.gov](mailto:andy.fesenmeyer@ct.gov)**

**Comment Period Ends January 31, 2016**

# **THANK YOU...**

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