



# Public Information Meeting Still River Drive Modern Roundabout

February 18, 2016

Presentation Team

**Mike Zarba, P.E.**, Dir. of Public Works, New Milford

**Chris Granatini, P.E.**, Project Manager, Tighe & Bond

# Presentation Outline

- **Introduction**
- **Project Objectives**
- **Existing Conditions**
- **Design Elements**
- **Maintenance and Protection of Traffic**
- **Project Schedule**
- **Public Questions**

# Public Information Meeting

- **Meeting Conducted as part of LOTCIP Funding Requirements**
- **Provides Public/Project Stakeholders Opportunity to Provide Input on Design**
- **Comments Become Part of Project Record**
- **Public Input Seriously Considered for Incorporation in Final Design**

# Project Objectives

- **Convert Existing 4-Way Stop Sign Controlled Intersection to a Modern Roundabout**
- **Mitigate Peak Hour Congestion**
- **Provide a Traffic Calming/Landscaped Intersection Control without Stopping Vehicles at the Intersection**
- **Maintain Access to Pickett District Road for Larger Design Vehicles**
- **Minimize Impacts to Private Properties and Utilities**
- **Accommodate Bicycle Traffic along Still River Drive**

# Existing Conditions – Still River Drive



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# Existing Conditions – Still River Drive



Google

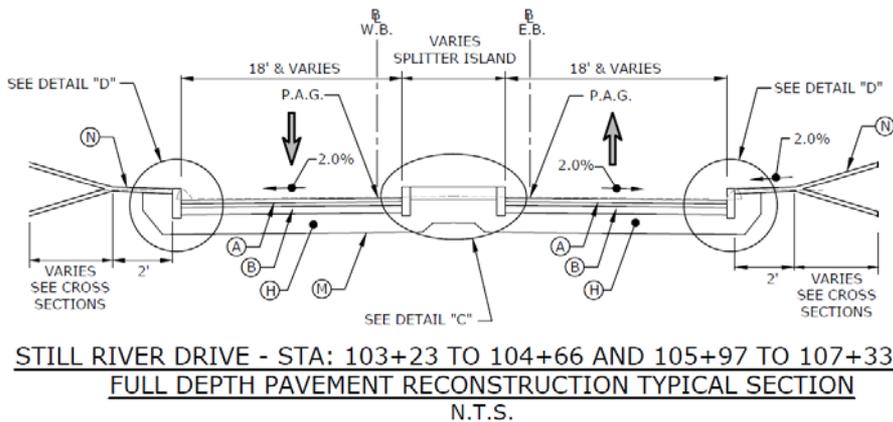
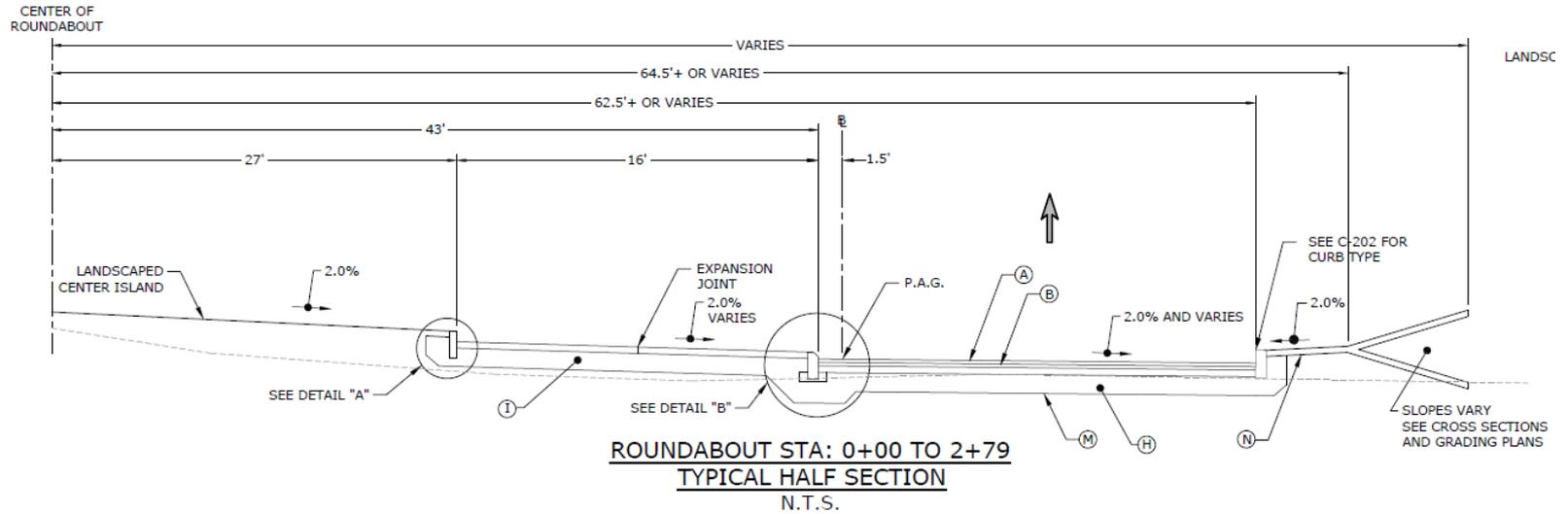
# Existing Conditions – Pickett District Road



# Existing Conditions – Lanesville Road



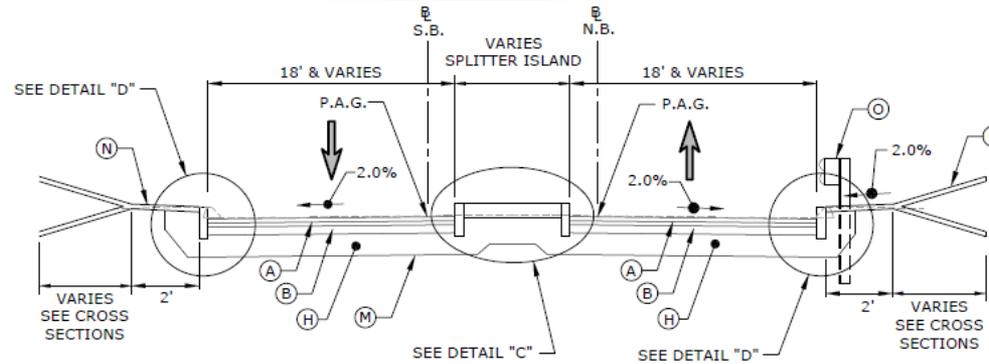
# Proposed Cross Section



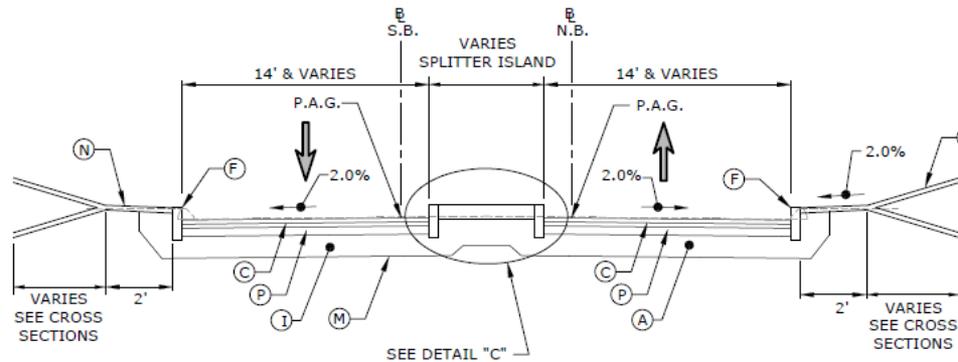
## TYPICAL SECTION LEGEND

- |   |  |
|---|--|
| (A) 3.5" HMA S0.5 (2" ON 1.5")                  | (I) 10" SUBBASE                                      |
| (B) 4" HMA S1.0                                 | (J) CONCRETE FOOTING (FOR CURB)                      |
| (C) 4" HMA S0.5 (2 EQUAL LIFTS)                 | (K) W.W.F. 6x6 - W4.0/4.0                            |
| (D) STAMPED CONCRETE OR LANDSCAPING (SEE C-202) | (L) REMOVE EXISTING PAVEMENT                         |
| (E) MOUNTABLE GRANITE CURB                      | (M) FORMATION OF SUBGRADE                            |
| (F) 6" CONCRETE CURB                            | (N) 6" LOAM AND TURF ESTABLISHMENT                   |
| (G) BITUMINOUS CONCRETE LIP CURBING             | (O) R-B 350 METAL BEAM RAIL (SEE C-104 FOR LOCATION) |
| (H) 12" SUBBASE                                 | (P) 4" PROCESSED AGGREGATE BASE                      |

# Proposed Cross Section

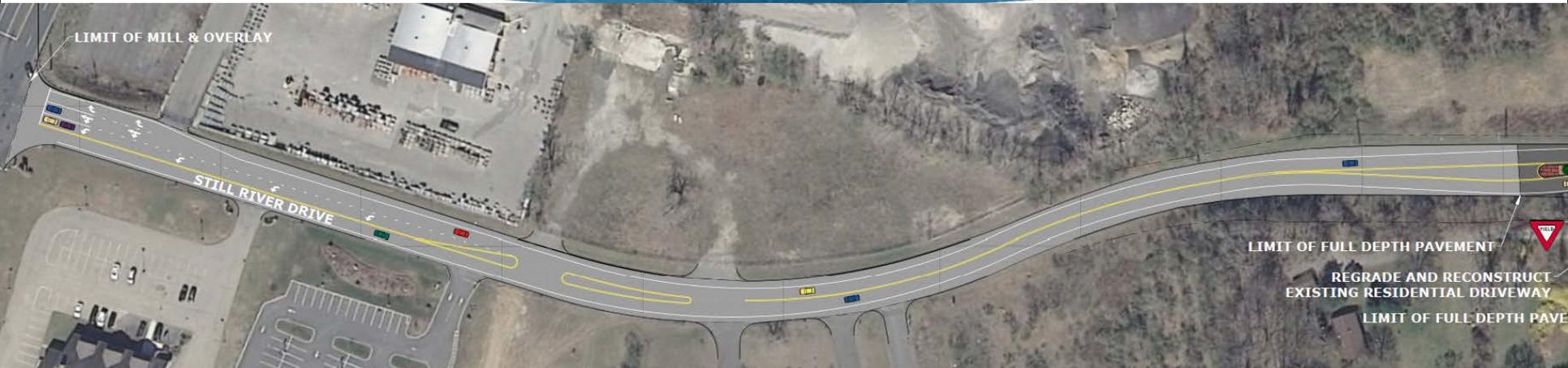


PICKETT DISTRICT ROAD - STA: 402+80 TO 403+46 N.B.  
FULL DEPTH PAVEMENT RECONSTRUCTION TYPICAL SECTION  
N.T.S.

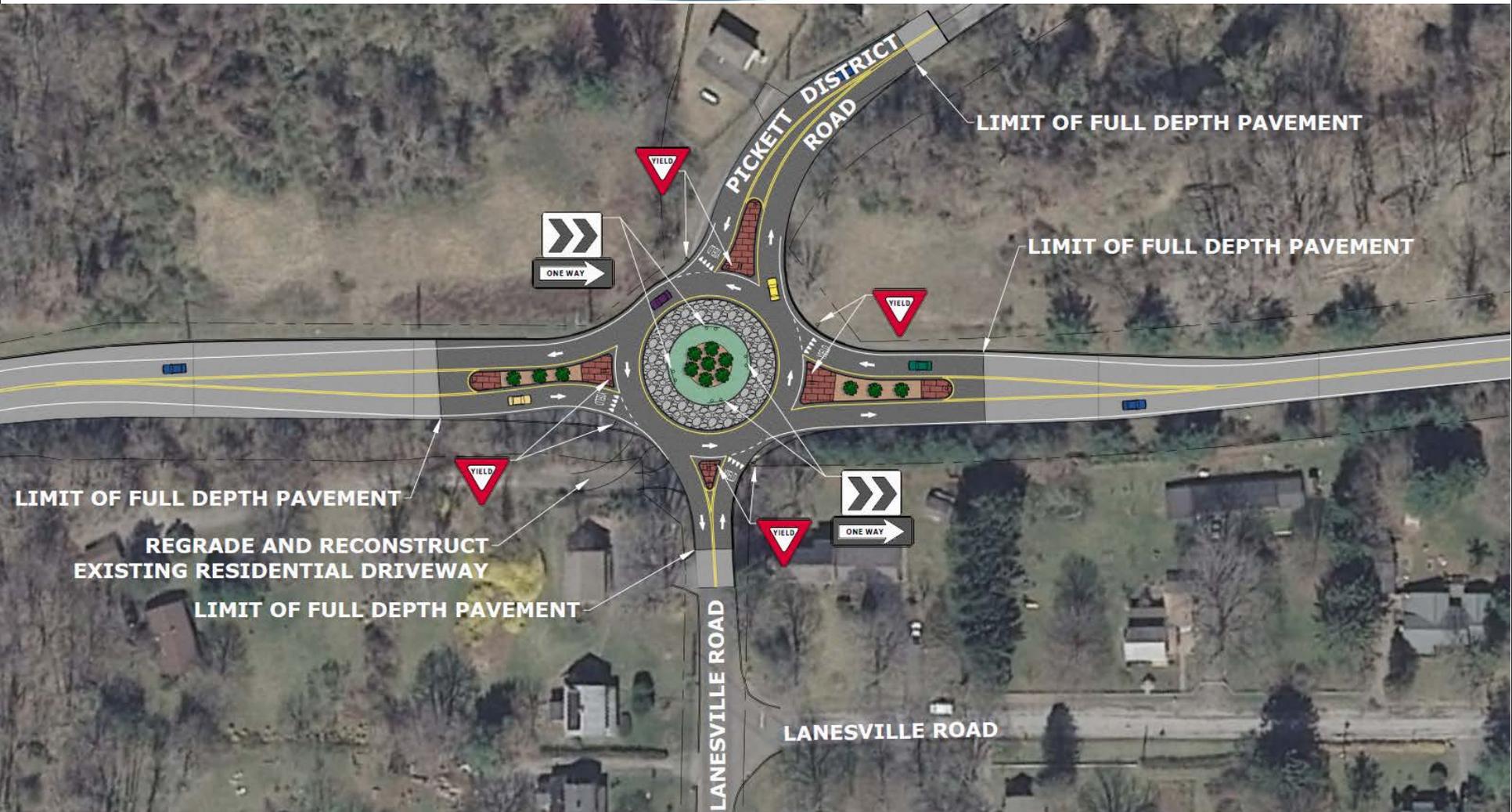


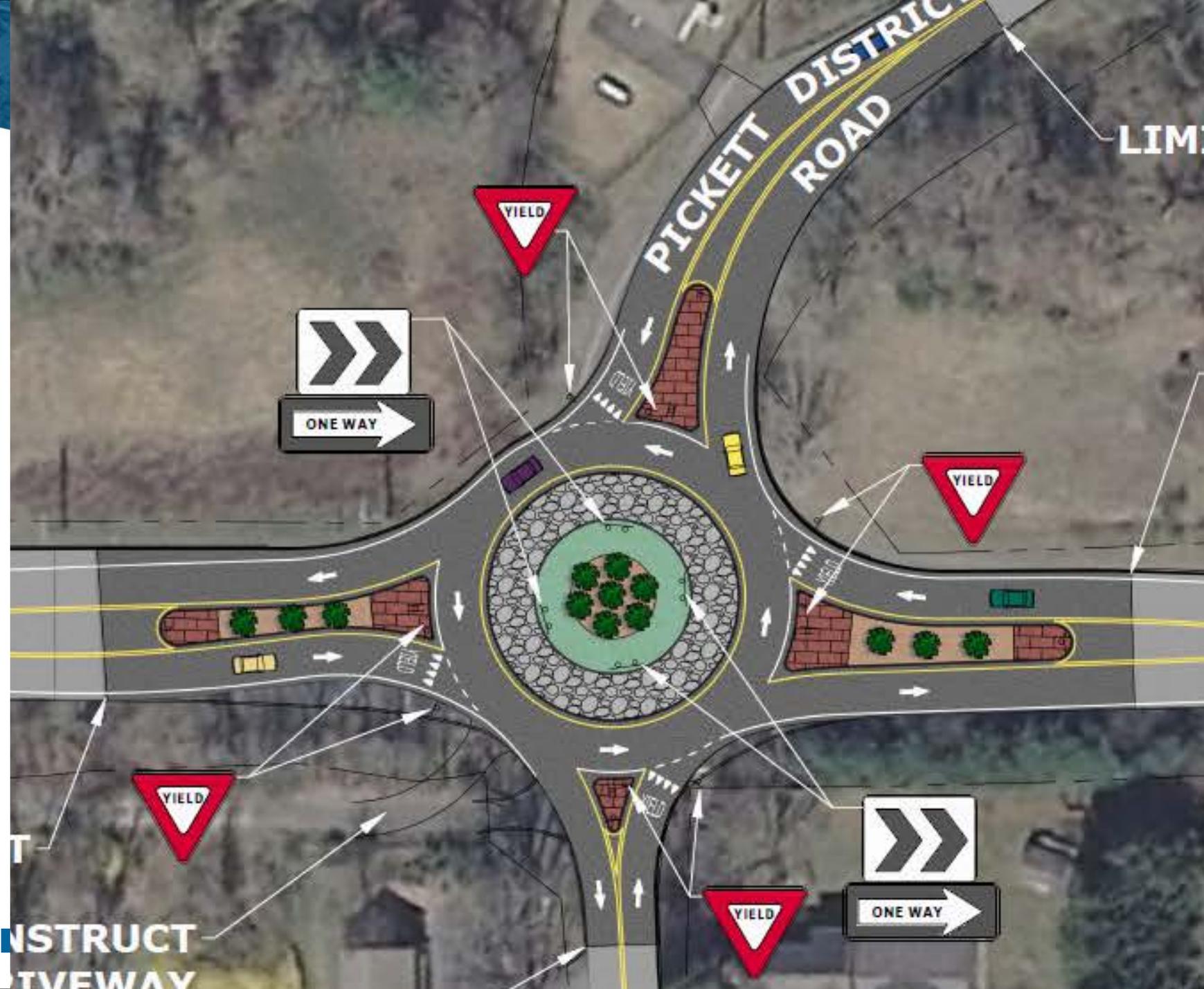
LANESVILLE ROAD - STA: 401+29 TO 401+49 E.B.  
FULL DEPTH PAVEMENT RECONSTRUCTION TYPICAL SECTION  
N.T.S.

# Proposed Roadway Improvement Plan



# Proposed Roadway Improvement Plan





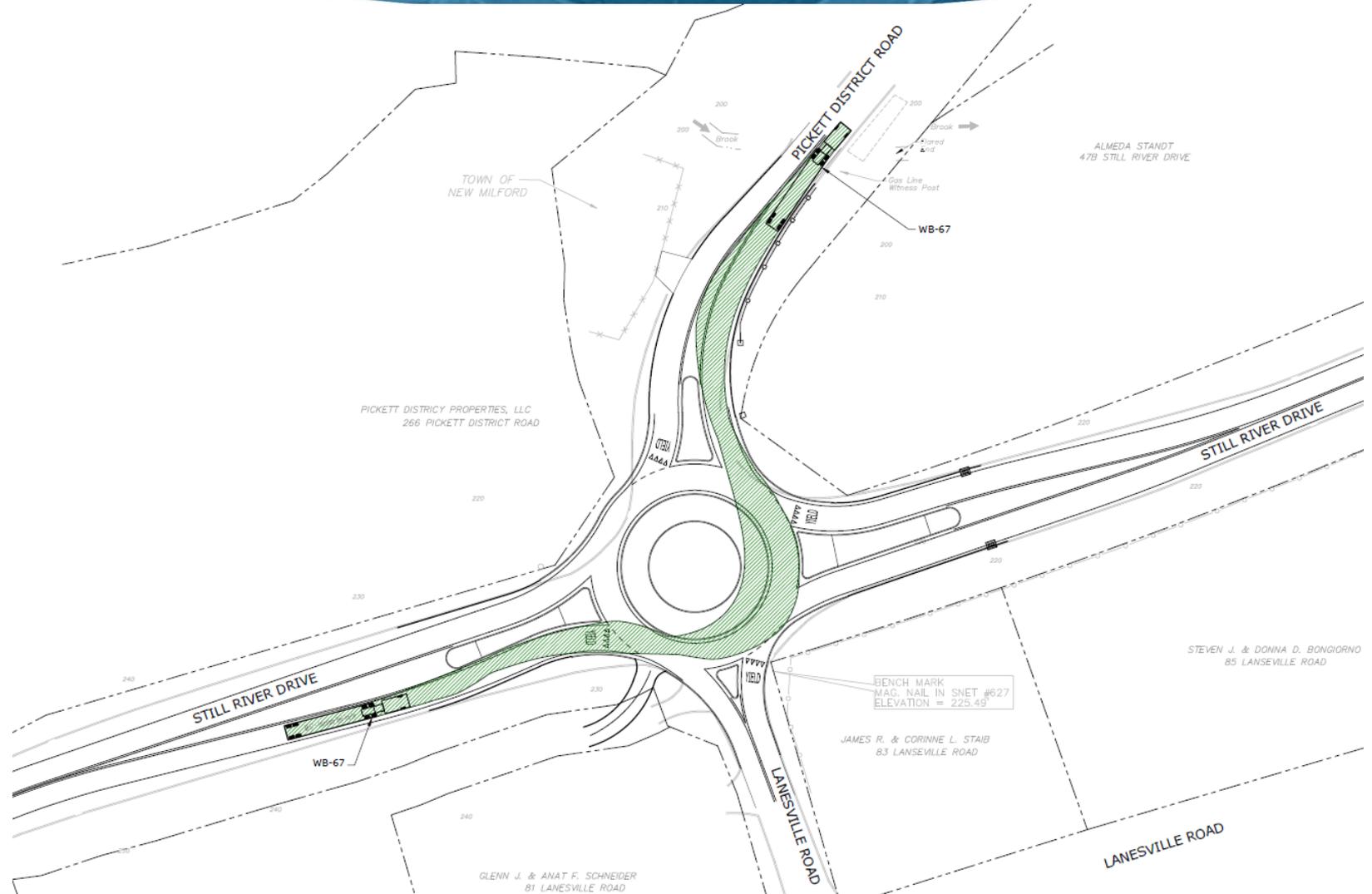
PICKETT DISTRICT ROAD

LIMIT

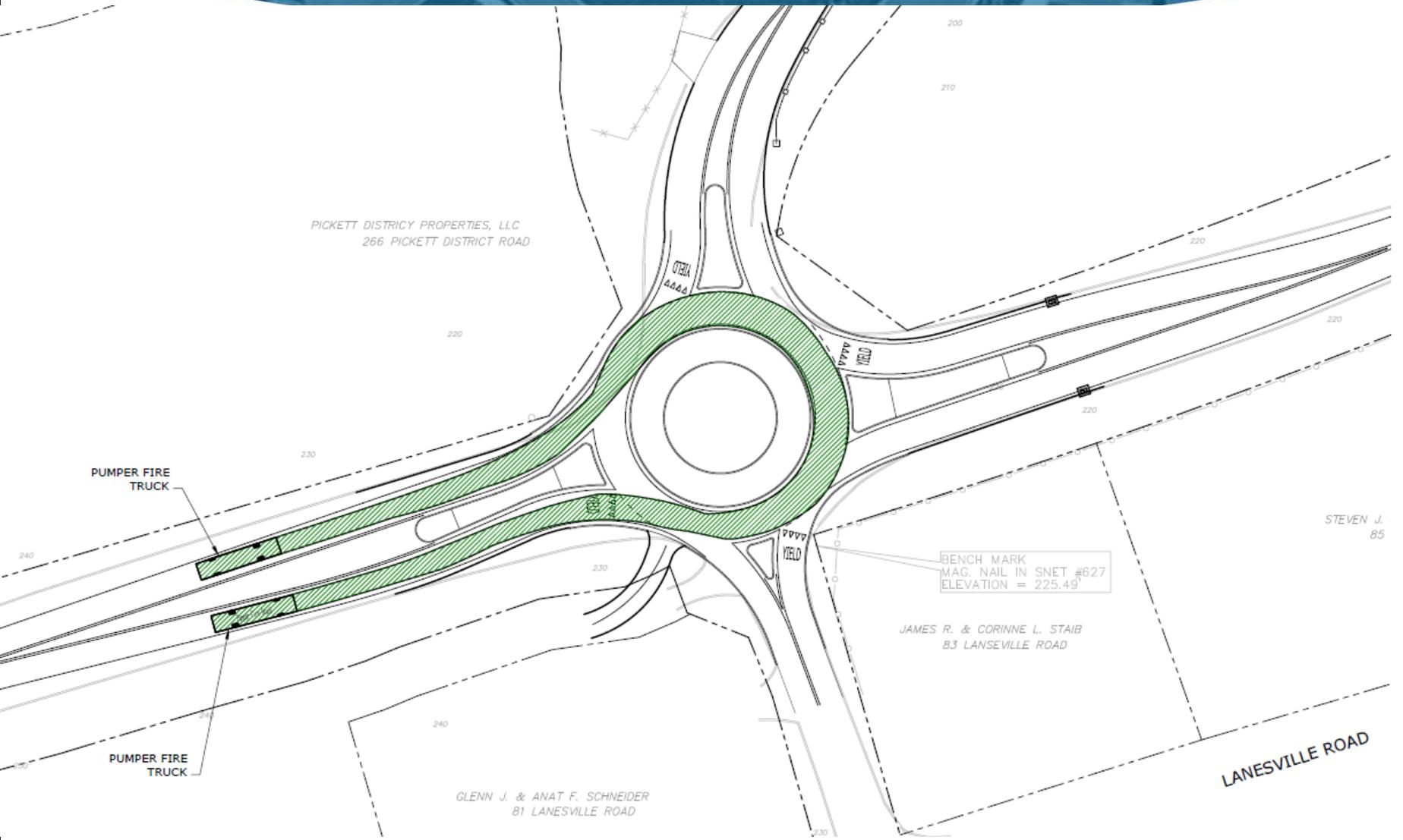


CONSTRUCT  
TVEWAY

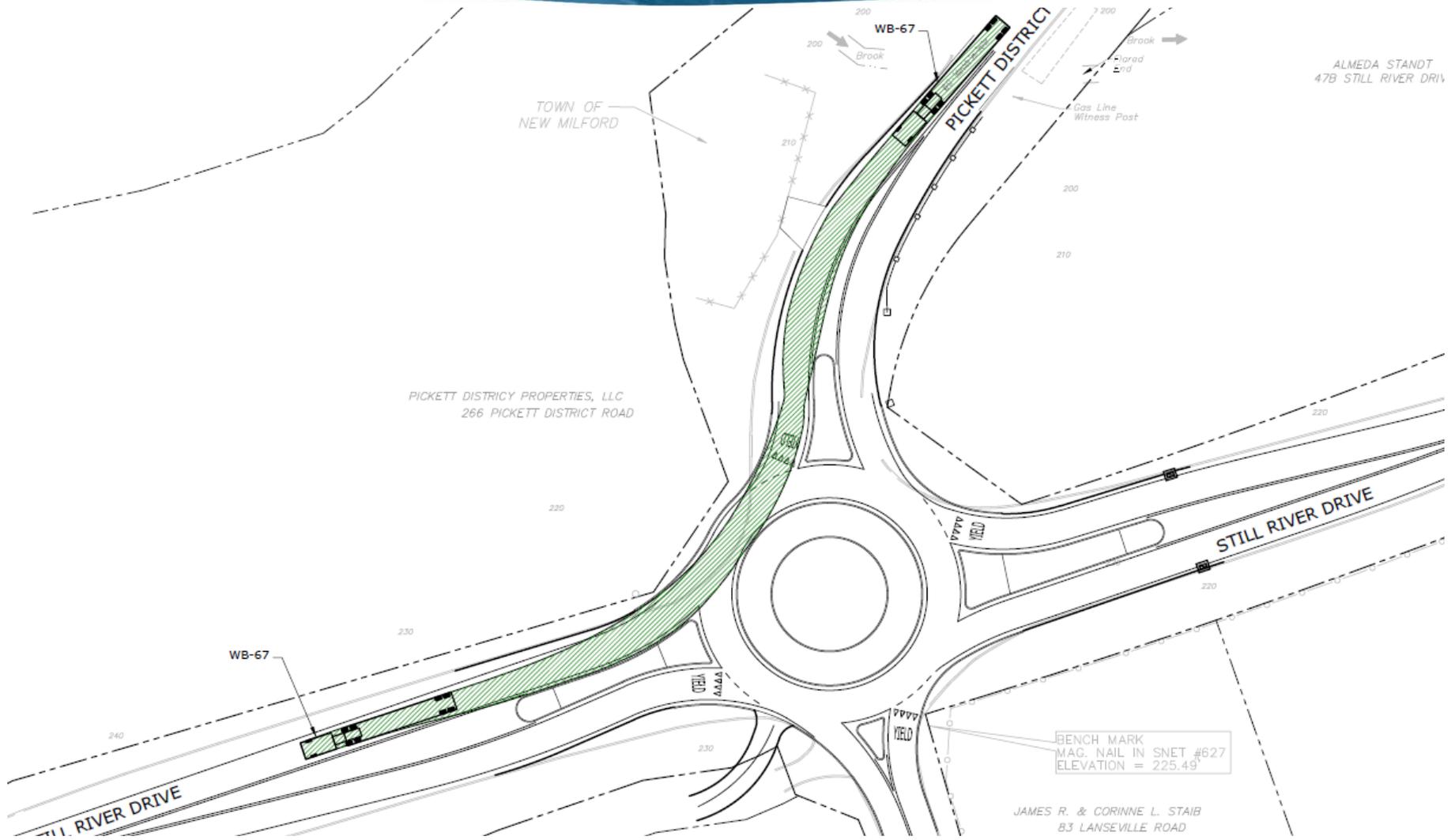
# WB-67 Left Turn to Pickett District Road



# Fire Truck U-Turn Through Roundabout



# WB-67 Right Turn from Pickett District Road



ALMEDA STANDT  
47B STILL RIVER DRIV

JAMES R. & CORINNE L. STAIB  
83 LANSEVILLE ROAD



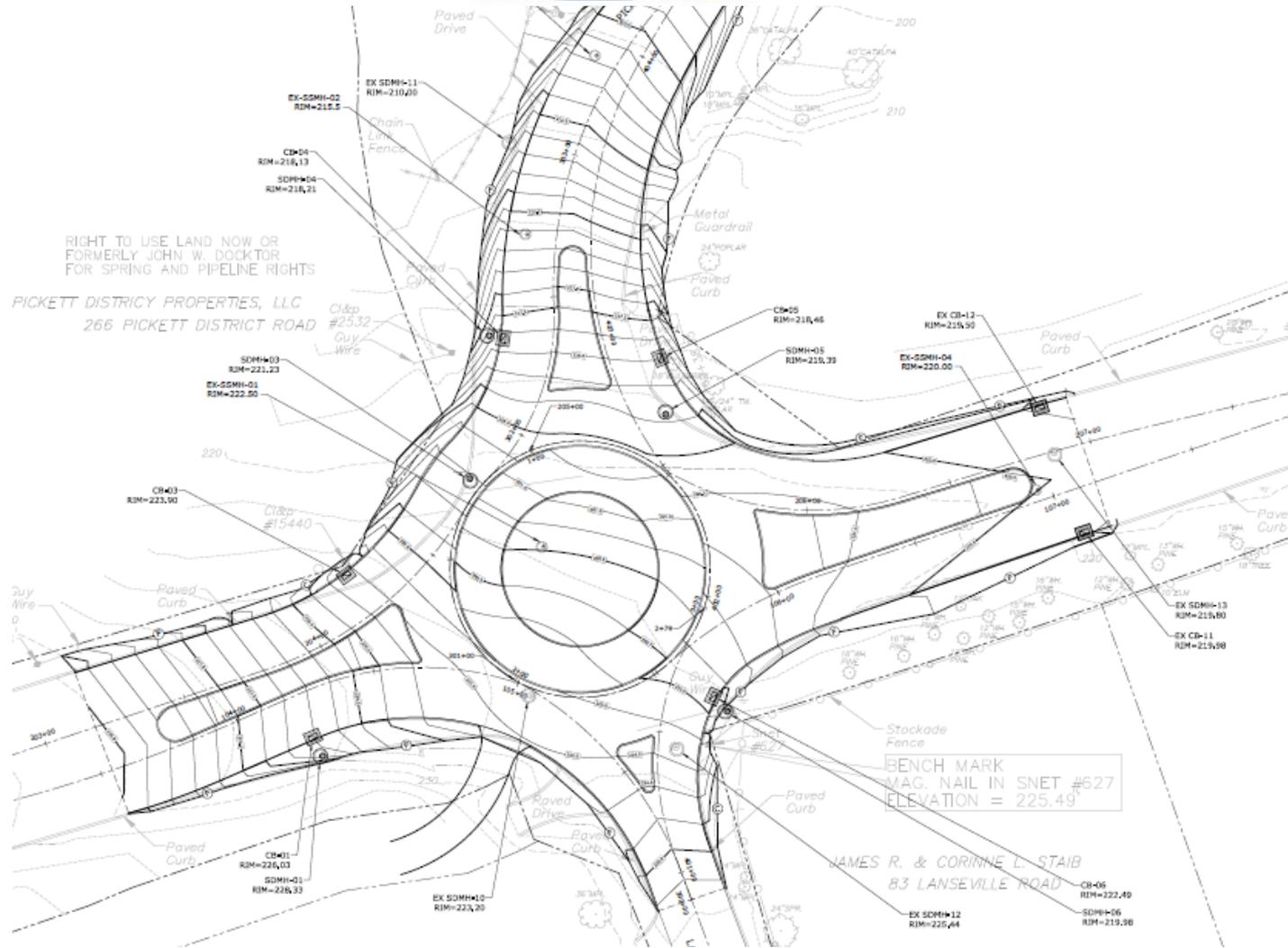
# Roadway Profile

- **Profile Closely Mirrors Existing Grades on Approach Roadways**
- **Roundabout Area is Slightly Raised and Sloped to Pitch Towards Picket District Road and blend with Lanesville Road**
- **Circulatory Roadway Profile Provides a Maximum Grade of 4.11%**

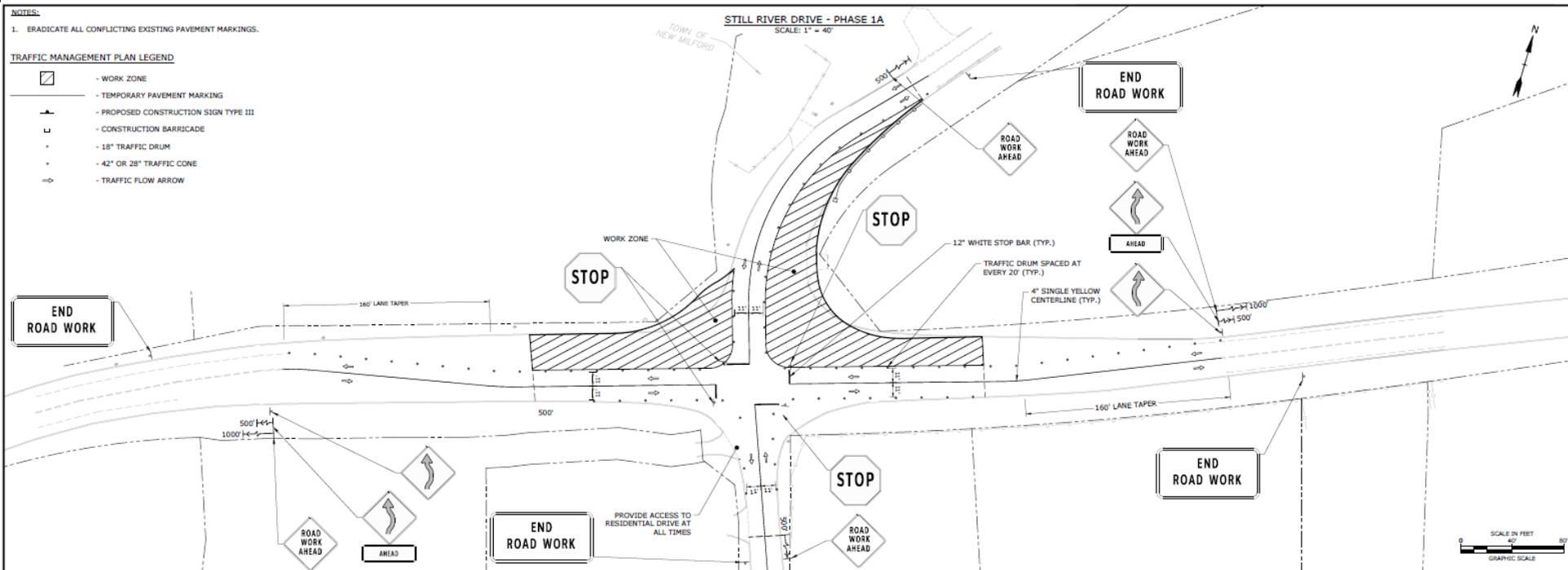
# Storm Drainage Design

- **Utilizing Existing Storm Drainage System**
- **Supplementing with New Catch Basins with Connections to Existing System**
- **Overall Impervious Area Reduction with Implementation of Modern Roundabout**

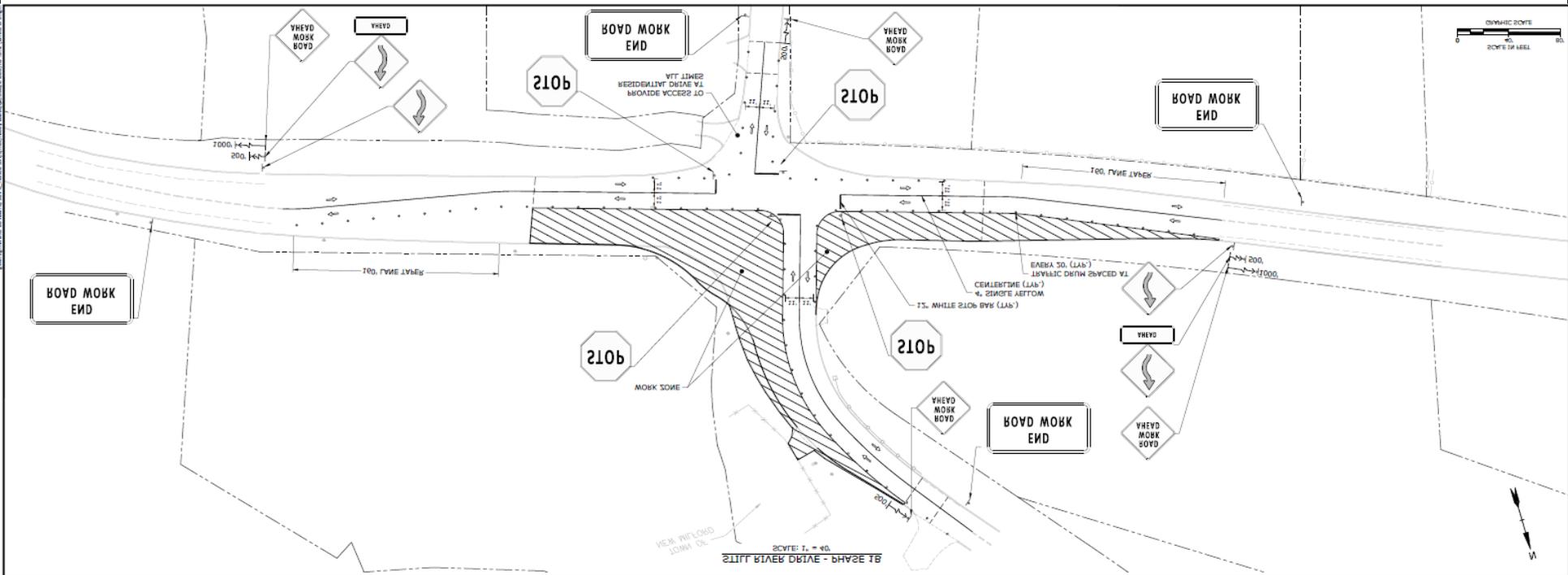
# Roundabout Grading Plan



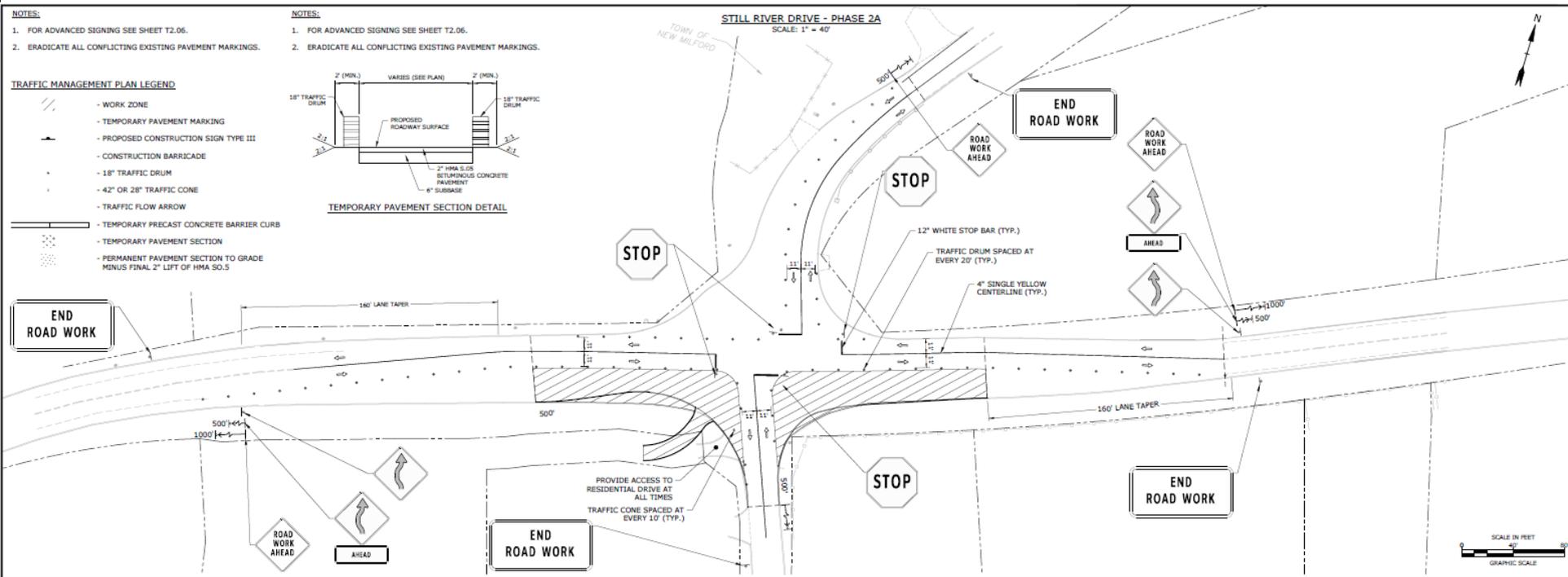
# Maintenance and Protection of Traffic



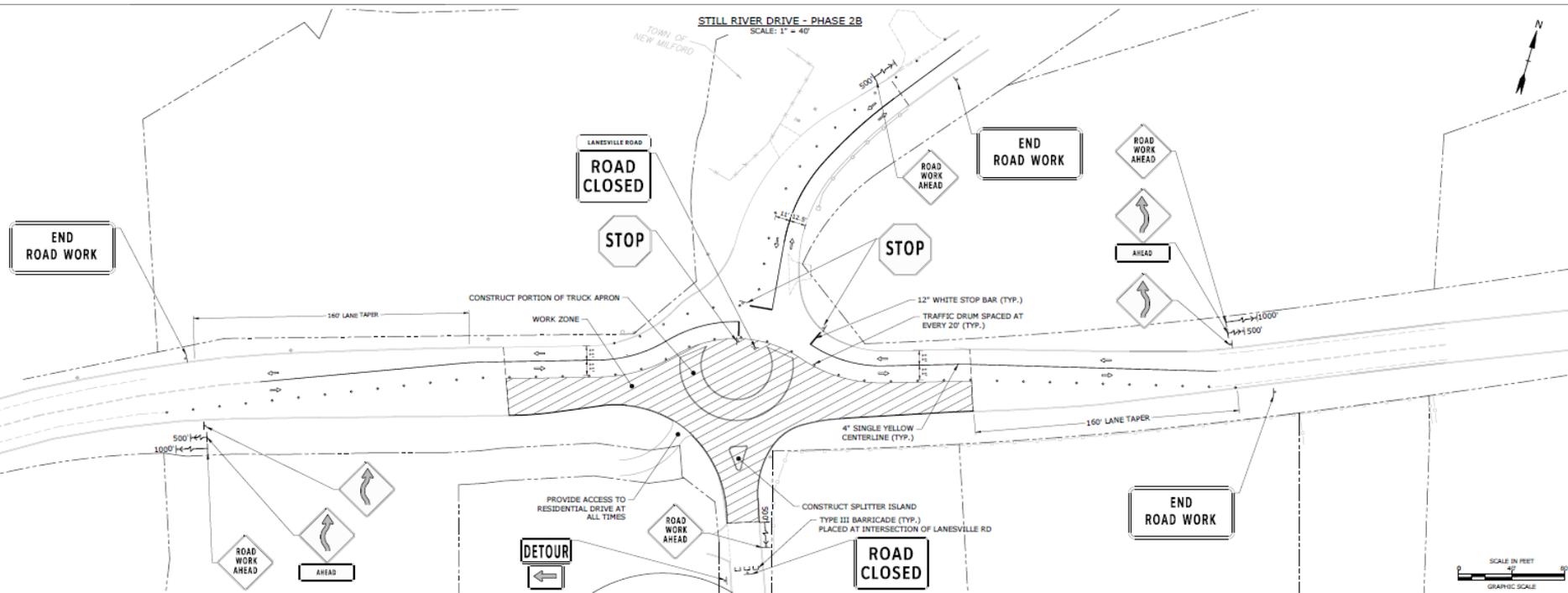
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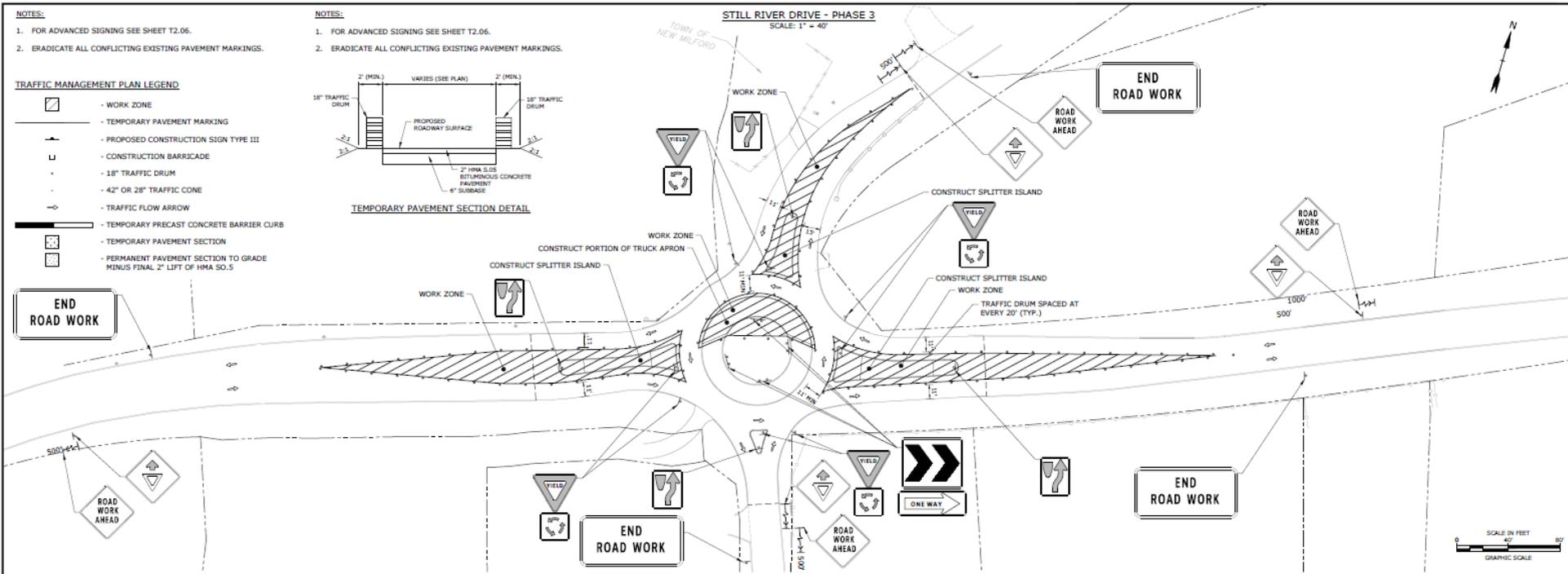
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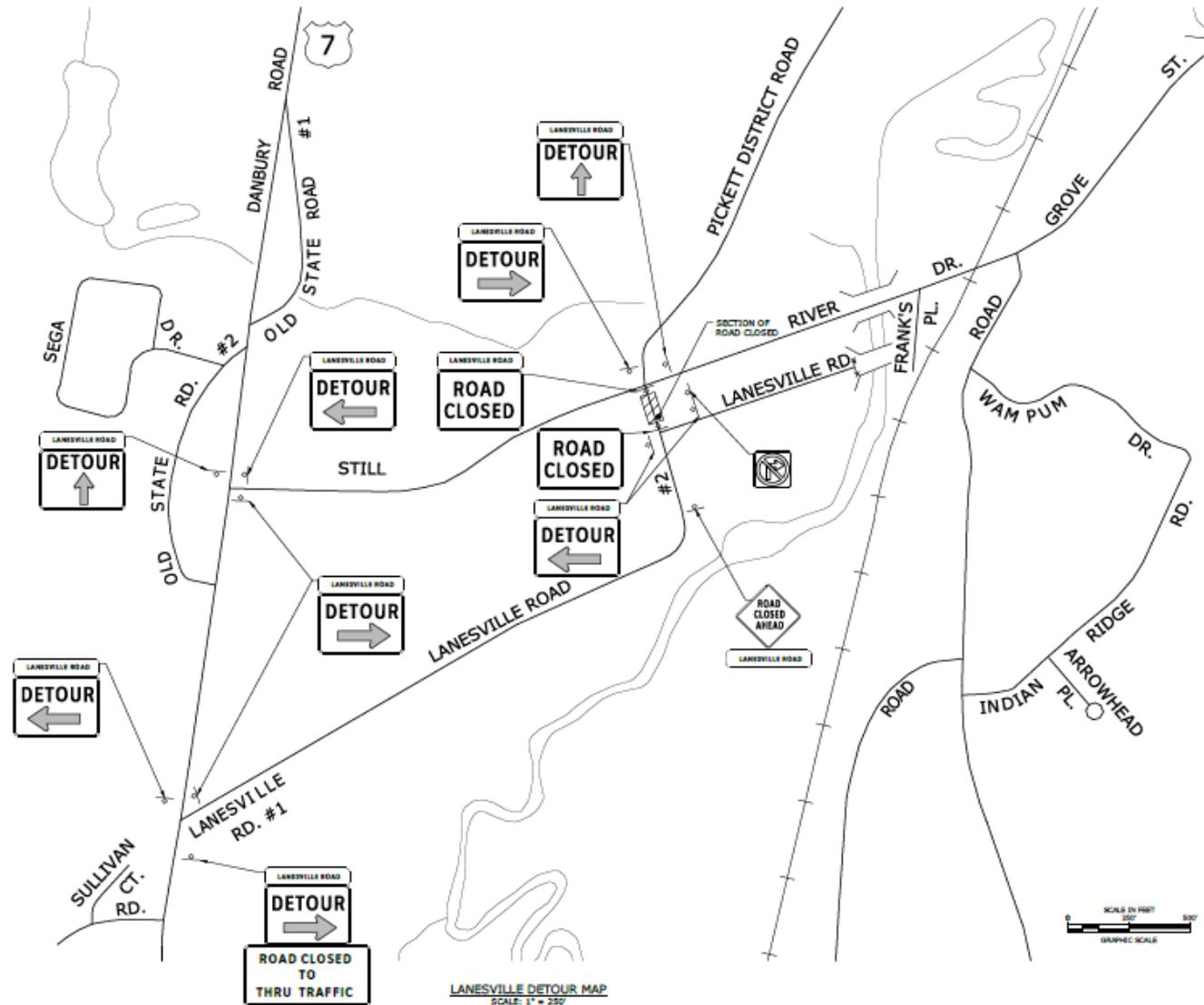


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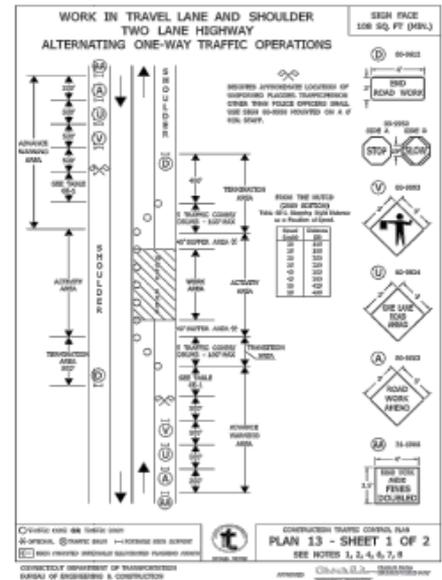




# Maintenance and Protection of Traffic



Rev. Date 2/24/14



STILL RIVER DRIVE ROUNDABOUT ITEM #R10061A

**ONE WAY ALTERNATING FLOW DETAIL**  
NO SCALE

# Project Schedule

- **Final Design – Complete March 2016**
- **Advertise for Construction – Spring 2016**
- **Construction Start ~ June 2016**
- **Six-Month Construction Schedule**
- **Final Milling and Overlay ~ October 2016**

# Modern Roundabout Information

## ■ Connecticut DOT

- <http://www.ct.gov/dot/cwp/view.asp?a=4109&q=467780&PM=1>

## ■ Federal Highway Administration

- <http://safety.fhwa.dot.gov/intersection/innovative/roundabouts/>
- <http://safety.fhwa.dot.gov/intersection/innovative/roundabouts/#outr each>

## ■ Rhode Island DOT

- <https://www.youtube.com/watch?v=6gkFq0g-57w>

## ■ Arizona DOT

- [https://www.youtube.com/watch?v=OizPs\\_uiRZU](https://www.youtube.com/watch?v=OizPs_uiRZU)

## ■ Washington State DOT

- <https://www.youtube.com/watch?v=-olqiG42Ud4>



# Public Questions and Comments