

STATE PROJECT NO. 0173-0539

Rehabilitation of Retaining Walls RW-157-053-001 & 002 in Weston

Virtual Public Information Meeting

Live Event: Wednesday, June 17, 6:30 p.m.

Join us for a Question and Answer session following the formal presentation and send us a question or a comment during the session.

PROJECT EMAIL: DOTProject0173-0539@ct.gov

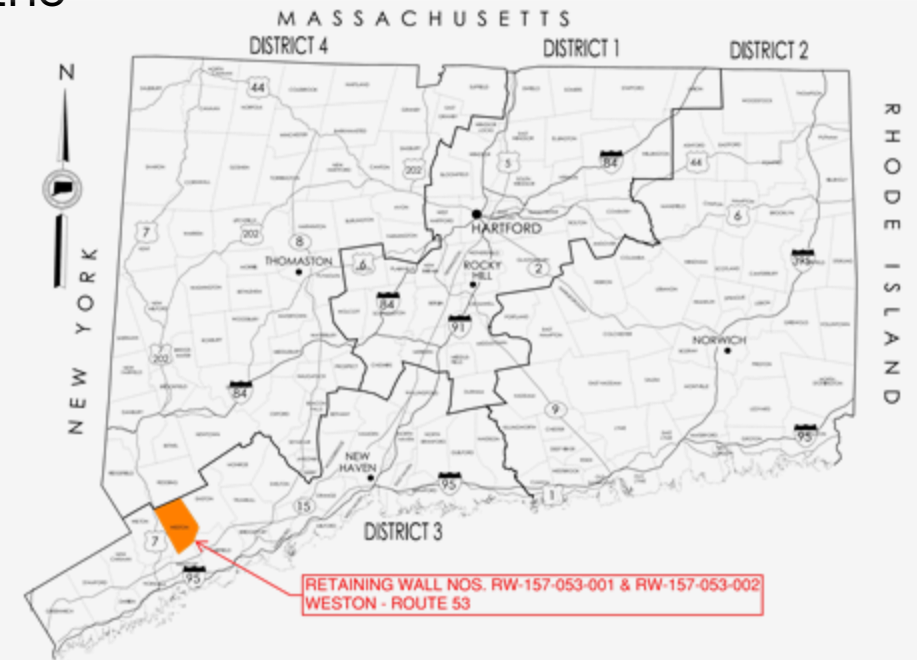
PHONE: (860) 594-2020 (voicemail only)

PROJECT WEBPAGE:

<https://portal.ct.gov/DOTWeston0173-0539>

A recording of this presentation will be posted after the live event.

La grabación de esta presentación estará disponible después del evento en YouTube, incluyendo subtítulos y acceso a traducciones en otros idiomas



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Meeting Overview

- Housekeeping – Project Team and meeting interaction
- Formal Presentation of Design
 - Explain Existing Conditions
 - Define Purpose and Need
 - Proposed Retaining Wall and Roadway Improvements
- Live Question and Answer (Q&A) Session will be held at the end of the presentation



Title VI – Your Civil Rights

No person shall, on the basis of race, color, or national origin, be excluded from participation or subject to discrimination in the development of this project.

- Voluntary Post-Meeting Survey:
 - <https://portal.ct.gov/ctdotsurvey>
- Title VI Information:
 - <https://portal.ct.gov/dot/opportunity-and-business-development/title-vi>



A recording of this presentation will be posted to CTDOT's YouTube channel after the event.

English Closed Captioning is available on Zoom.

Non-English translation options are available on YouTube after the live event.





Connecticut Department of Transportation

Title VI Notice to the Public

Individuals and organizations may file a complaint by completing the Title VI complaint form (<https://portal.ct.gov/dot/equity/title-vi>). Complaints should be signed and include contact information and should be sent to: Office of Civil Rights Federal Railroad Administration 1200 New Jersey Avenue, SE ROA-10, Mail Stop 5 Washington, DC 20590

The Connecticut Department of Transportation (CTDOT) operates its programs and services without regard to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with the CTDOT.

For more information on the CTDOT's civil rights program, and the procedures to file a complaint, contact the CTDOT Title VI Coordinator at (860) 594-2169, TRS 711; Debra.Goss@ct.gov; or visit our administrative office at 2800 Berlin Turnpike, Newington, CT 06131. For more information, visit www.ct.gov/dot.

A complainant may file a complaint directly with the Federal Transit Administration by filing a complaint with the FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5th Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590

A complainant may file a complaint directly with the Federal Highway Administration by filing a complaint with the FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8th Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590

如需更多信息或免费语言协助，请致电 (860) 594-2109

Para información adicional, o asistencia lingüística gratuita, por favor llame al (860) 594-2109

Per informazioni aggiuntive o assistenza linguistica gratuita, chiamare il numero (860) 594-2109

Para obter mais informações, ou para auxílio gratuito em outro idioma, ligue para (860) 594-2109

Aby uzyskać dodatkowe informacje lub bezpłatną pomoc tłumacza, proszę dzwonić pod numer (860) 594-2109

Для получения подробной информации или бесплатных услуг перевода звоните по телефону (860) 594-2109

Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri rele (860) 594-2109

لمزيد من المعلومات أو للحصول على مساعدة لغوية مجانية، يرجى الاتصال بالرقم (860) 594-2109

Si vous souhaitez en savoir plus ou bénéficier d'une assistance linguistique gratuite, merci de composer le numéro suivant (860) 594-2109

अधिक जानकारी या निःशुल्क भाषा संबंधी सहायता के लिए कृपया (860) 594-2109 पर कॉल करें।

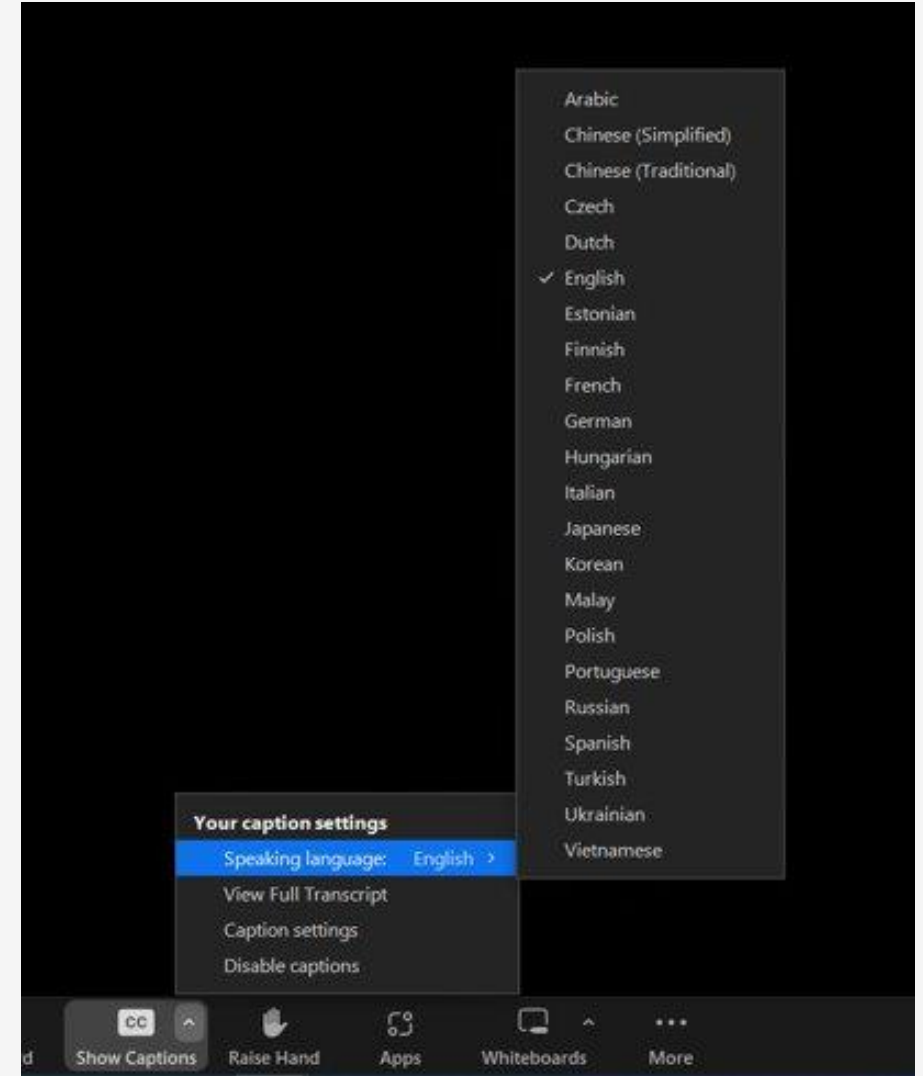
추가 정보가 필요하거나 무료 언어 지원이 필요하시면 (860) 594-2109로 전화하십시오

Để có thêm thông tin hoặc hỗ trợ ngôn ngữ miễn phí, vui lòng gọi (860) 594-2109

How to view captions & subtitles in Zoom

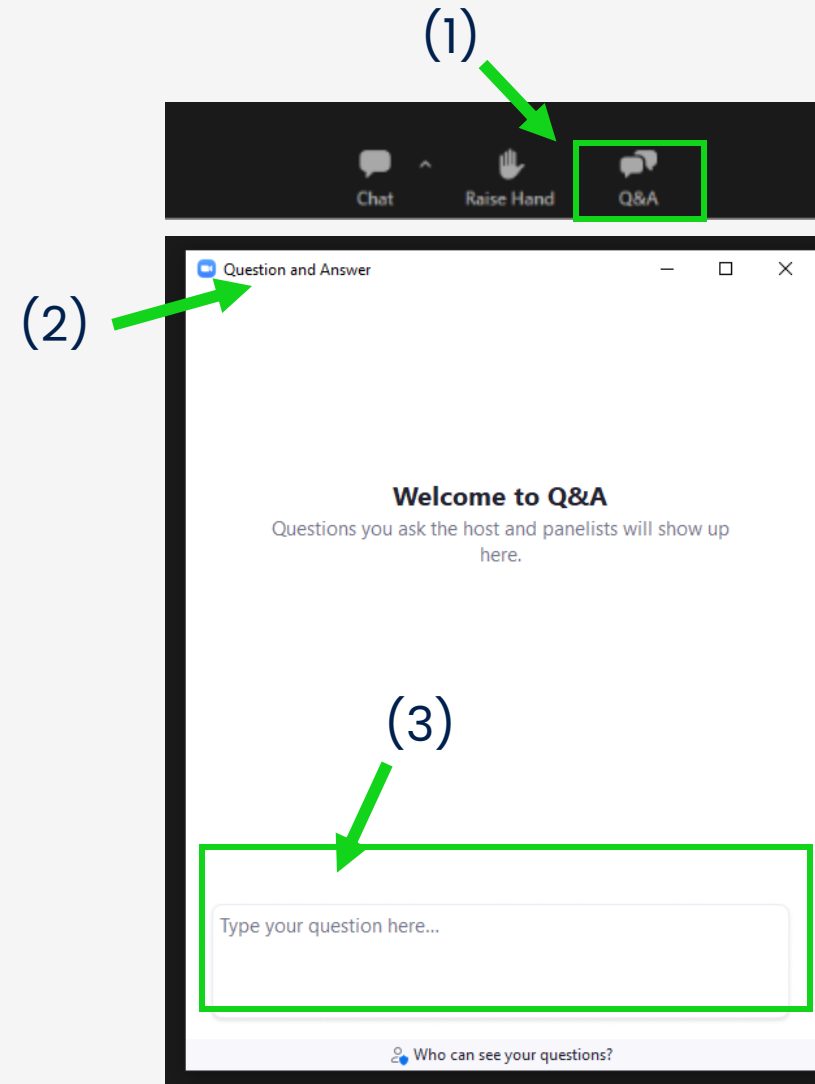
1. Click Show Captions (CC).
2. Click the Speaking Language.
3. Select English as the speaking language

Non-English translation options are available on YouTube after the event.



How to use Zoom Q&A

- (1) Select the Q&A tool at the bottom of the Zoom webinar window.
- (2) The Q&A window will open as seen on the right.
- (3) Please type question in the textbox and click enter.
- If you are an audio only participant, dial *9 to raise and lower your hand.



Question & Answer Session



By Email: DOTProject0173-0539@ct.gov



By Phone: (860) 594-2020 (voicemail)



On Zoom: Q&A

Questions will be posted to the Zoom chat

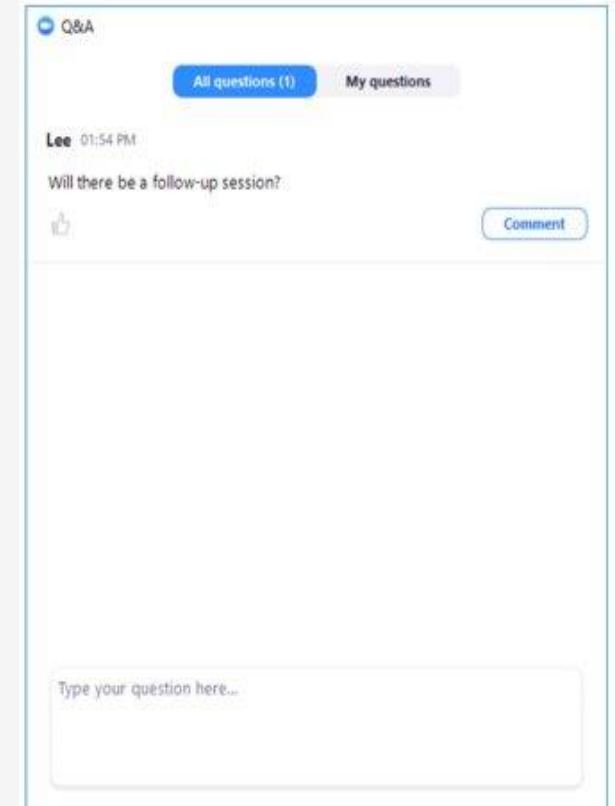


Project Webpage:

<https://portal.ct.gov/DOTWeston0173-0539>

Note: Comment period is open through July 01, 2026

*Zoom Q&A is only available during live Q&A session



Moderator will answer questions posted in the Zoom Q&A function



PROJECT TEAM – CTDOT



Gregory Funk, P.E.

Transportation Principal
Engineer
Consultant Bridge Design



Francisco Fadul, P.E.

Transportation
Supervising Engineer
Consultant Bridge Design



Corey Burroughs, P.E.

Project Engineer
Consultant Bridge Design



Malcolm Thomas

Project ROW Coordinator
Division of Rights of Way



PROJECT TEAM – DESIGNER & CLE



Mark Habek, P.E.

Project Manager

Benesch



Ryan Allard, P.E.

Roadway Lead

Benesch



Alyssa Bisi, E.I.T.

Project Designer

Benesch



Donald Wurst, P.E.

CLE Program Manager

CHA Consulting



Robert Bahler, P.E.

CLE Project Manager

CHA Consulting



Karl Stanek, Jr.

CLE Project Engineer

CHA Consulting



Division of Rights of Way

Our Division

- Administration Agents
- Title Searchers
- Licensed Appraisers
- Acquisition Agents (Negotiators)
- Title Closing Agents

Our Function

- Acquire all property/property rights necessary for State projects

Statutory References

- State of Connecticut
 - C.G.S. Section 13a-73 & 13a-98e
- Federal
 - Uniform Relocation Assistance, as amended
 - Real Property Acquisition Policies Act of 1970, as amended



Division of Rights of Way

INITIAL LETTER

Communication to initiate the states acquisition process

VALUATION

Determine fair market value of property rights

OFFER

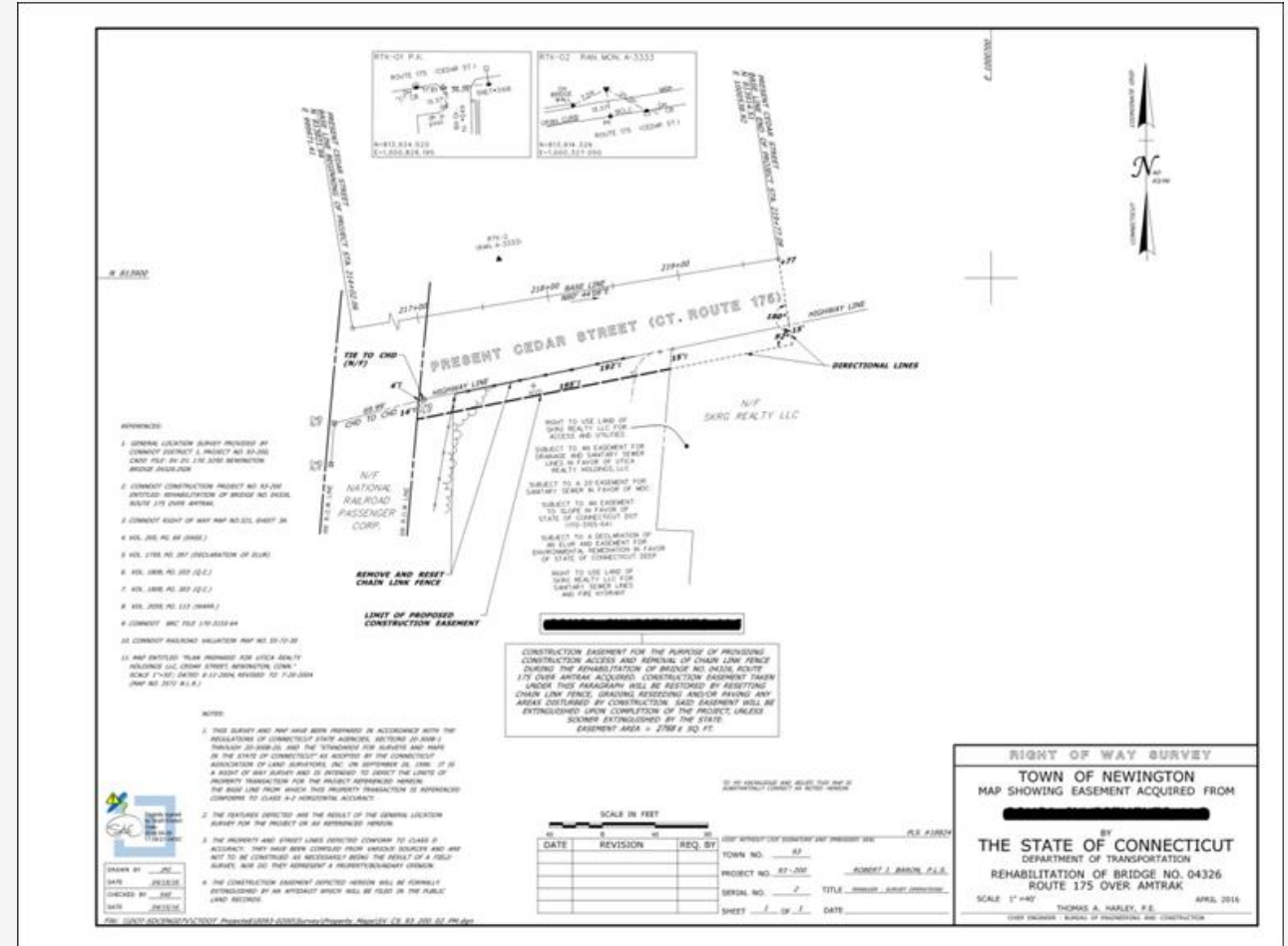
The offer to acquire necessary property/property rights

NEGOTIATION

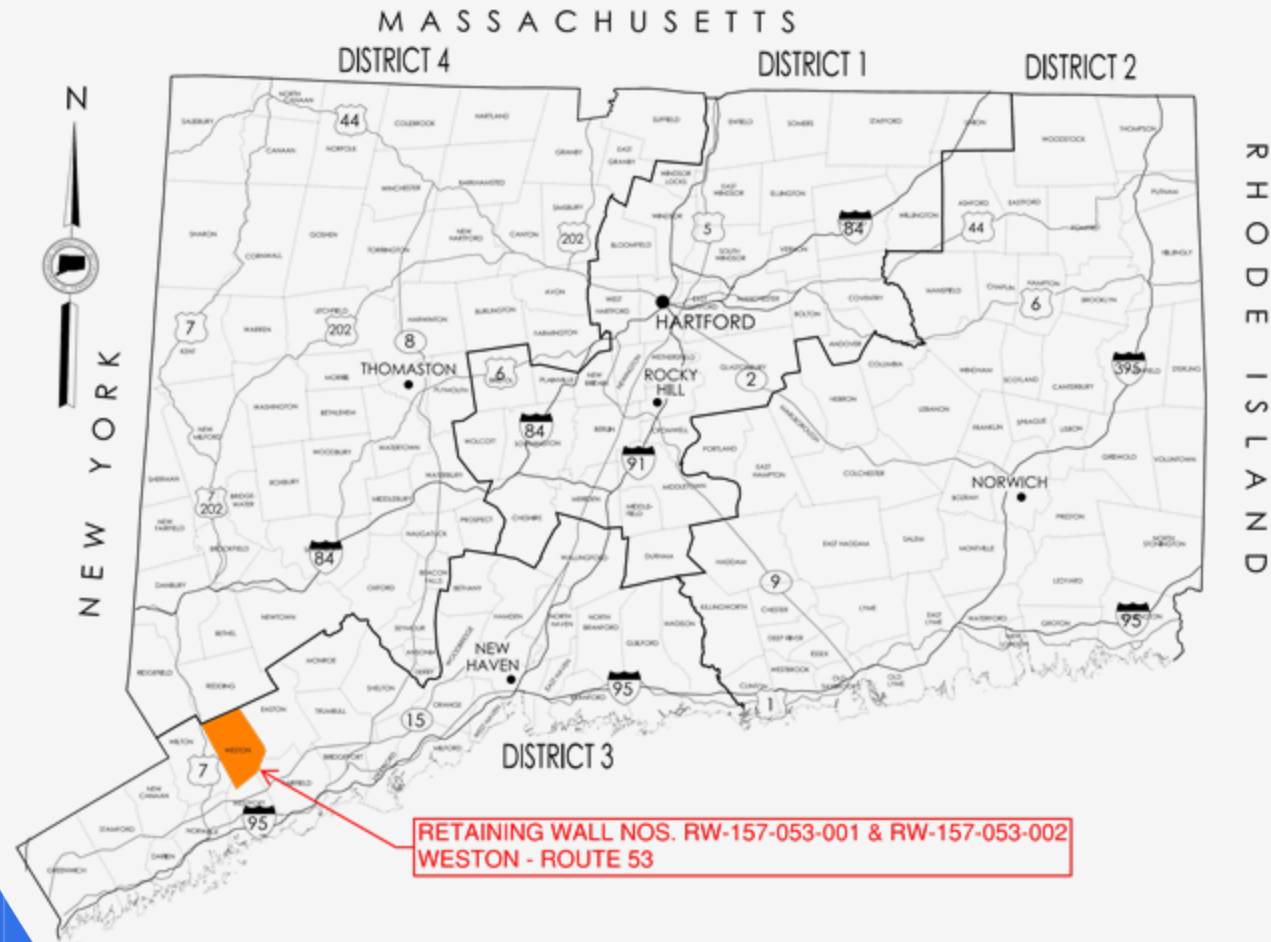
The time to consider the states offer and enter negotiations

AGREEMENT

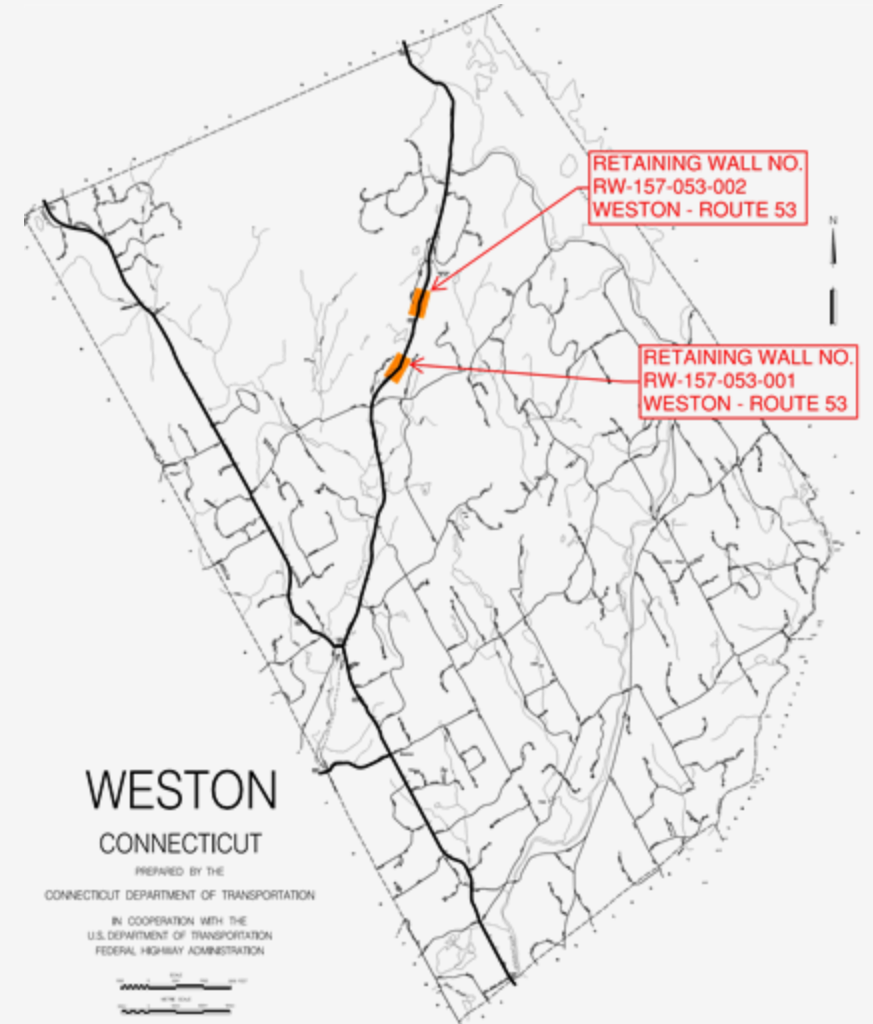
Friendly Agreement
Eminent Domain



TOWN LOCATION PLAN



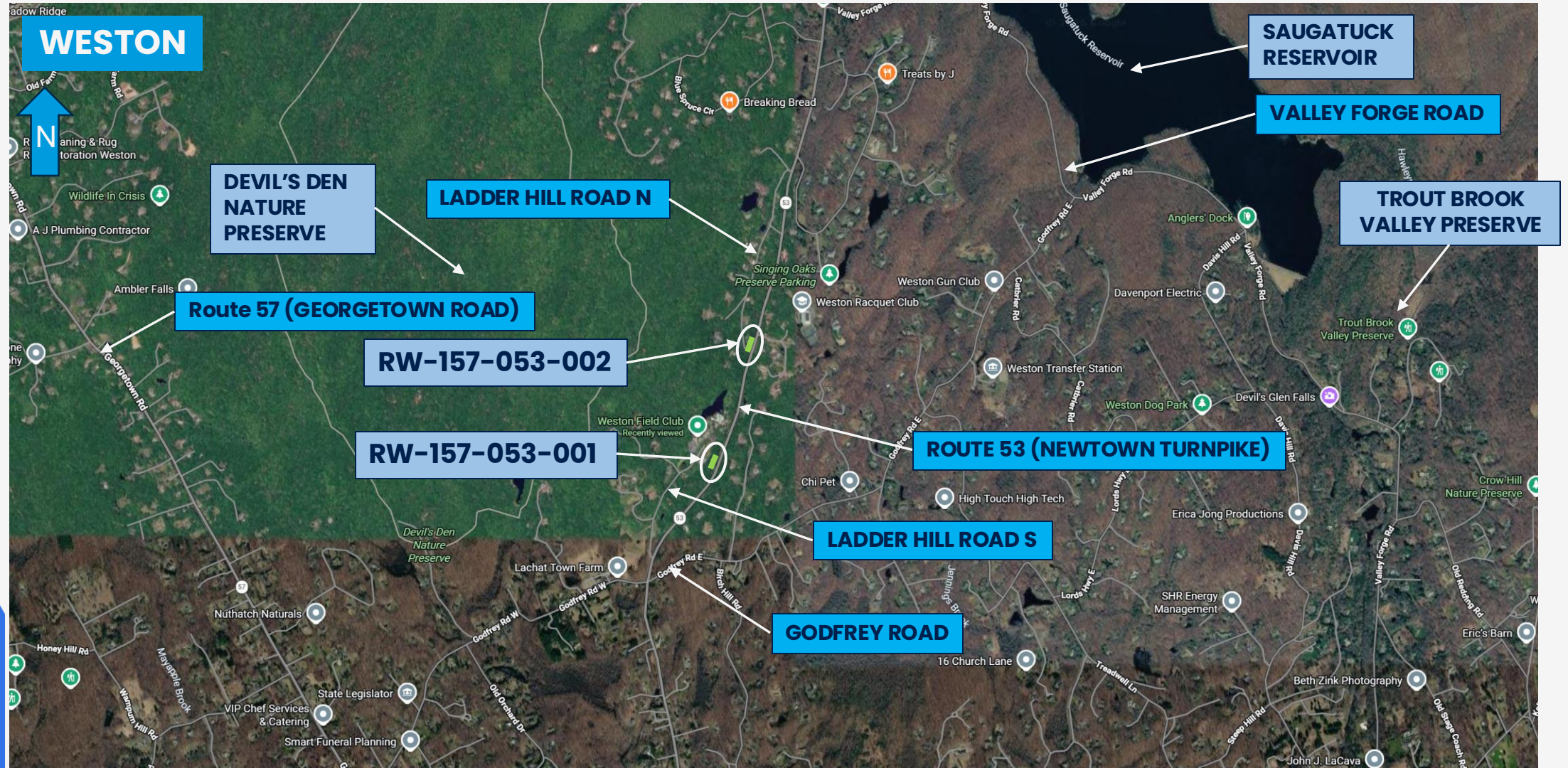
STATE MAP



TOWN MAP



PROJECT LOCATION



PROJECT PURPOSE & NEEDS

Purpose:

Address deficiencies to accommodate safe travel for all facility users on the road.

Needs:

- Identify and remove or replace retaining walls that are bulging, deteriorated or otherwise compromised.
- Remove any vegetation that may be contributing to destabilizing the wall or causing structural damage.
- Maintain stability of the wall if left in place or reconstructed.
- Maintain functionality of all utilities throughout the site.
 - Maintain travel on Route 53 (Newtown Turnpike) during and after construction.
 - Address any issues with water damage behind or beneath the wall.



EXISTING CONDITIONS & ROADWAY INFORMATION

ROADWAY – ROUTE 53

- Classification: Rural Major Collector
- ADT: 3,600 VPD (2023)
- Posted Speed: 40 mph

RW-157-053-001

- Constructed in 1956
- Metal Bin Wall
- Approximately 132 feet long
- Average height of 11 feet
- Offset 9.5 feet from travel way
- Supports sloped embankment for Weston Field Club



RW-157-053-001

RW-157-053-002

- Constructed in 1956
- Metal Bin Wall
- Approximately 188 feet long
- Average height of 12 feet
- Offset 8 feet from travel way
- Supports sloped embankment supporting Ladder Hill Road N



RW-157-053-002

Rehabilitation of Retaining Wall Nos. RW-157-053-001 & 002 // State Project No. 0173-0539

EXISTING CONDITIONS – RW-157-053-001



Per the Retaining Wall Assessment Guidelines, the Ratings are defined as follows:

0: Poor

1: Fair

2: Good

TABLE 5: RW-157-053-001 ASSESSMENT SUMMARY

Assessment Date	Ratings				
	Stability	Backfill/Settlement	Structural	Total	Overall
1/30/2024	1	1	1	3	1
6/22/2012	2	1	1	4	1

RW 157-053-001

- Minor bulging and horizontal displacement in horizontal members with indications of potential settlement near middle of wall
- Light to medium rust along 1/3 of wall
- Multiple locations of heavy rust with perforations
- Minor backfill loss through rusted metal ribs in random locations
- Heavy vegetation behind wall

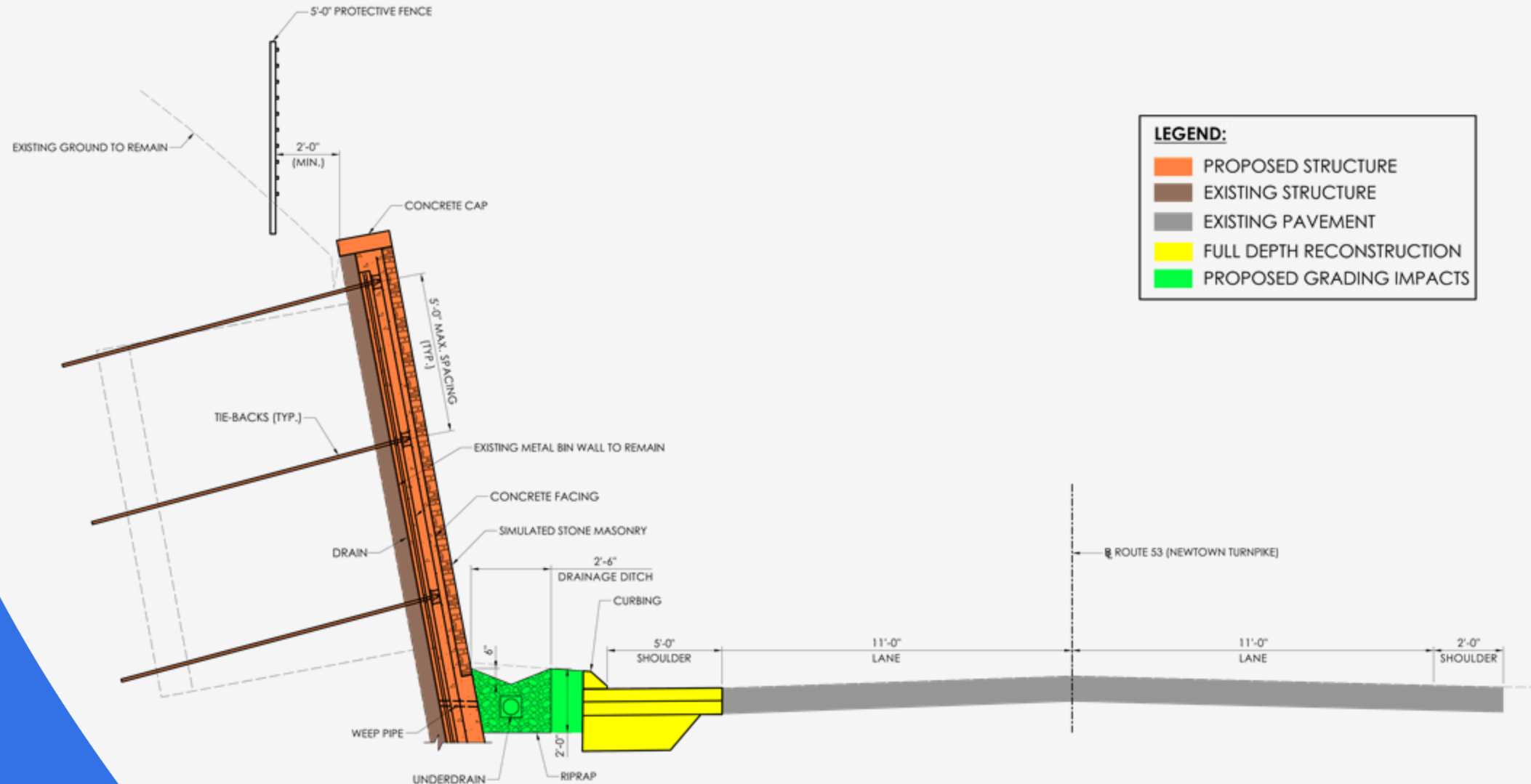
PROPOSED SCOPE – RW-157-053-001

Rehabilitate Wall with Tie-Back Wall

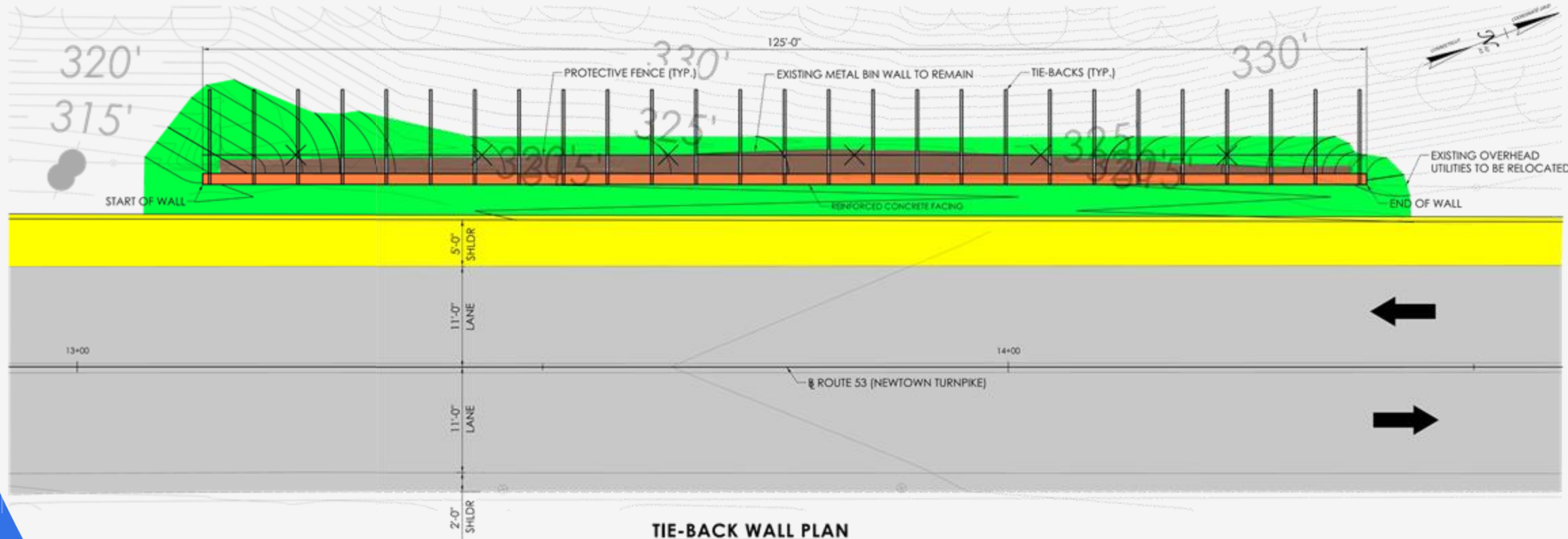
- Permanently relocate overhead utilities to northbound side of roadway
- Rehabilitate wall
 - Install tie-backs through existing wall
 - Install geocomposite drainage strips along existing wall face
 - Apply an initial shotcrete facing
 - Apply final cast-in-place reinforced facing with simulated stone masonry
 - Install concrete cap atop wall
- Install drainage ditch at base of wall
- Replace existing concrete lip curbing
- Install protective fence behind wall



PROPOSED SECTION - RW-157-053-001



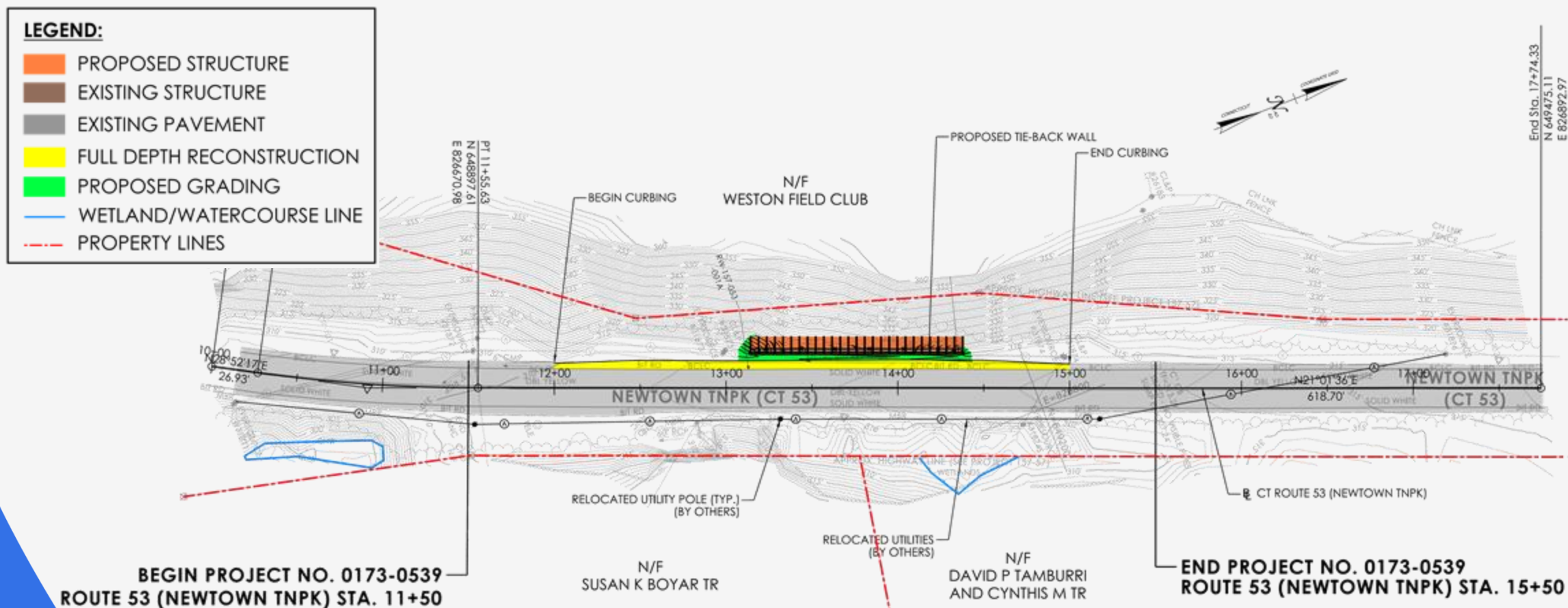
PROPOSED WALL PLAN - RW-157-053-001



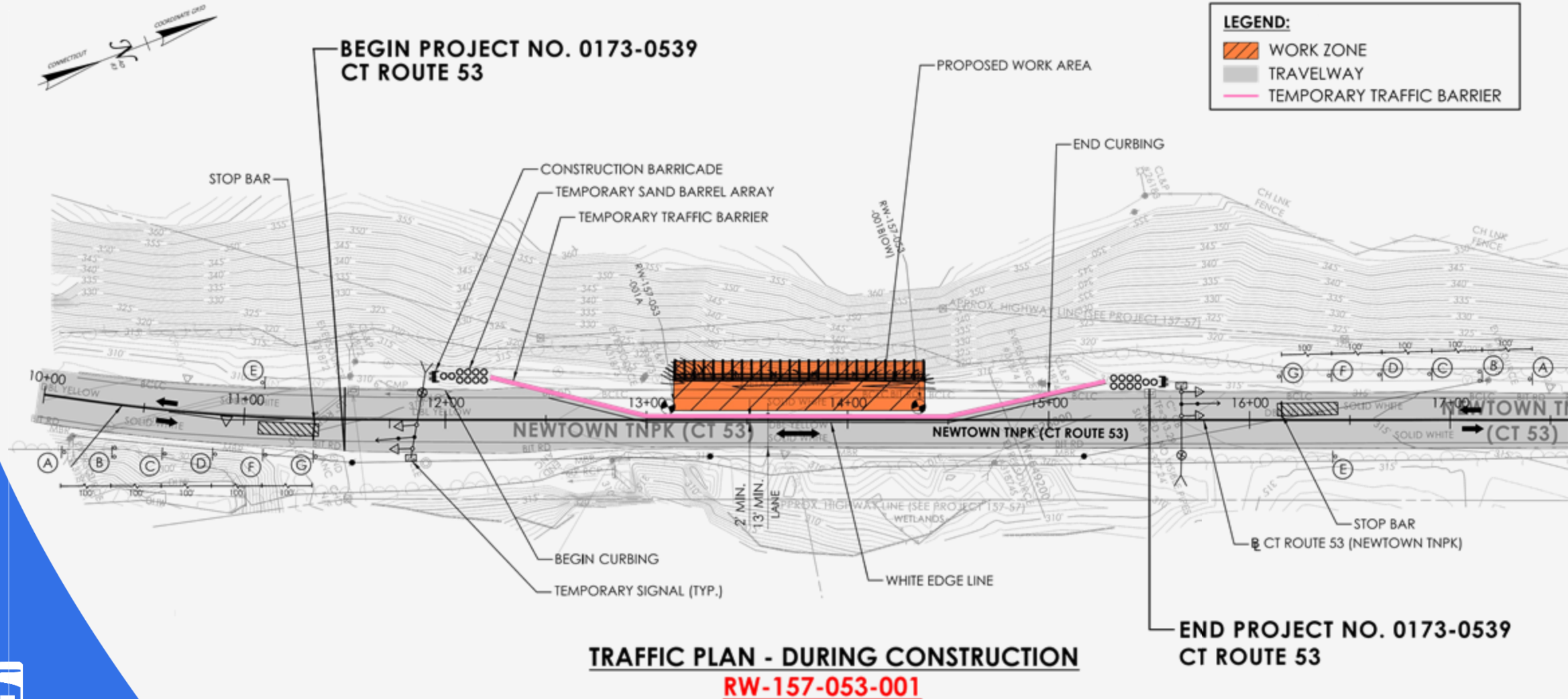
LEGEND:	
	PROPOSED STRUCTURE
	EXISTING STRUCTURE
	EXISTING PAVEMENT
	PAVEMENT RECONSTRUCTION
	PROPOSED GRADING IMPACTS



PROPOSED ROADWAY PLAN - RW-157-053-001



PROPOSED TRAFFIC - RW-157-053-001



EXISTING CONDITIONS – RW-157-053-002



Per the Retaining Wall Assessment Guidelines, the Ratings are defined as follows:

0: Poor

1: Fair

2: Good

TABLE 5: RW-157-053-002 ASSESSMENT SUMMARY

Assessment Date	Ratings				
	Stability	Backfill/Settlement	Structural	Total	Overall
1/30/2024	1	1	0	2	0
6/22/2012	2	1	1	4	1

RW 157-053-002

- Perforations in wall with loss of backfill
- Severe deterioration and rusting along 1/3 of wall surface
- Minor settlement and localized bulging at south end due to section loss
- Heavy vegetation behind wall, some penetrating through wall panels
- Top section of wall at north end has been damaged by fallen tree

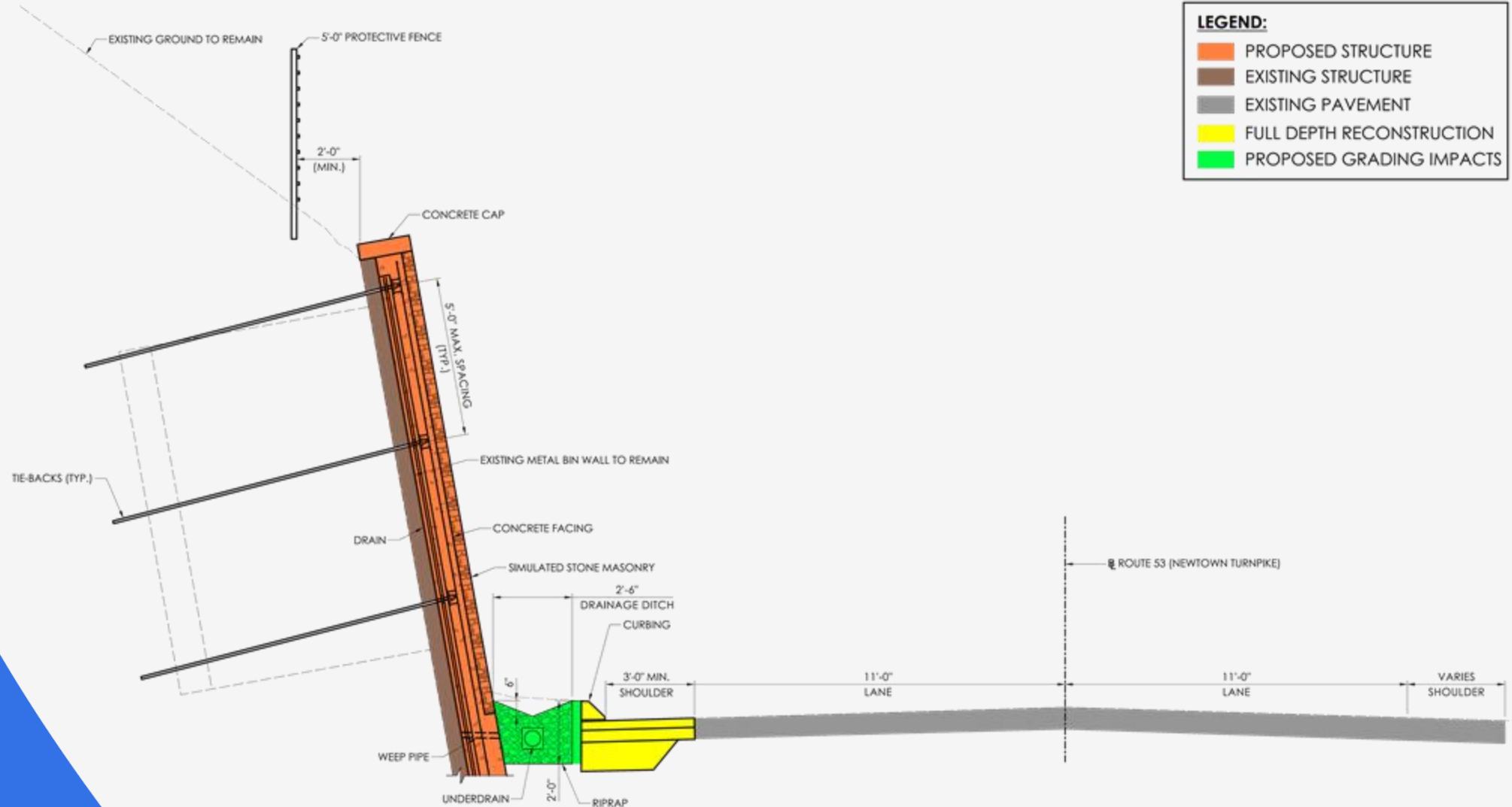
PROPOSED SCOPE – RW-157-053-002

Rehabilitate Wall with Tie-Back Wall

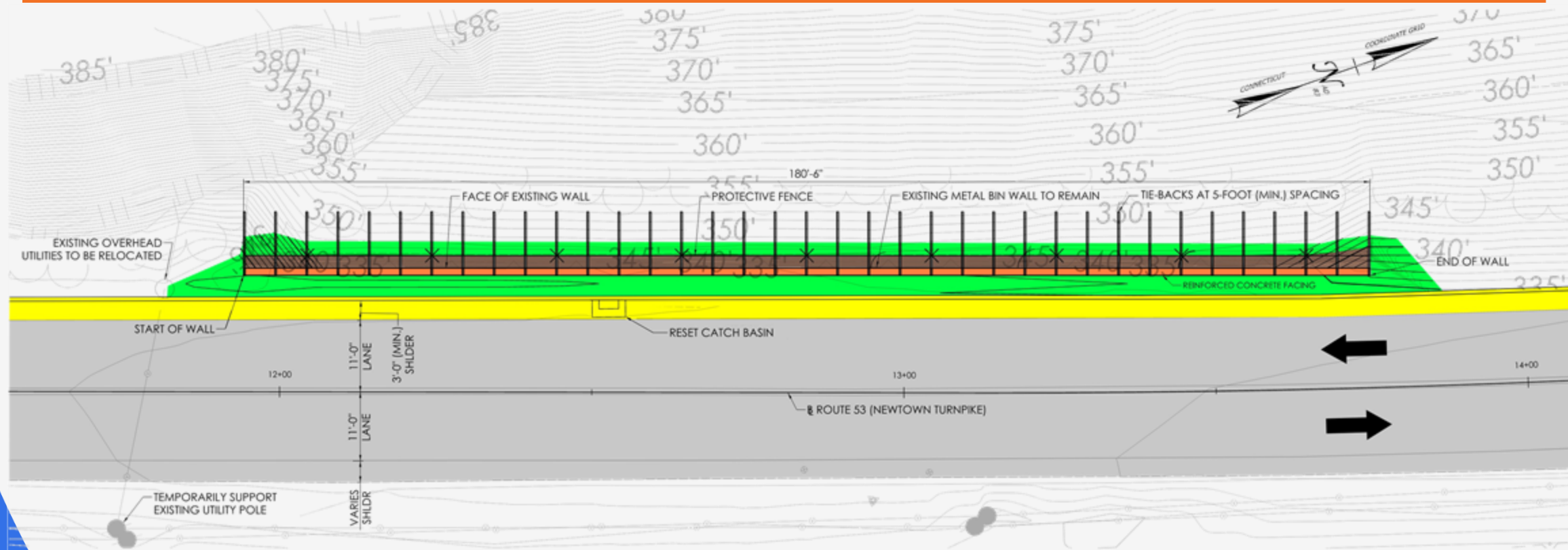
- Temporarily brace utility pole to remove guy pole, replace guy pole post construction
- Rehabilitate wall
 - Install tie-backs through existing wall
 - Install geocomposite drainage strips along existing wall face
 - Apply an initial shotcrete facing
 - Apply final cast-in-place reinforced facing with simulated stone masonry
 - Install concrete cap atop wall
- Install drainage ditch at base of wall
- Replace existing concrete lip curbing
 - Install protective fence behind wall
 - Remove and reset catch basin



PROPOSED SECTION - RW-157-053-002



PROPOSED WALL PLAN - RW-157-053-002



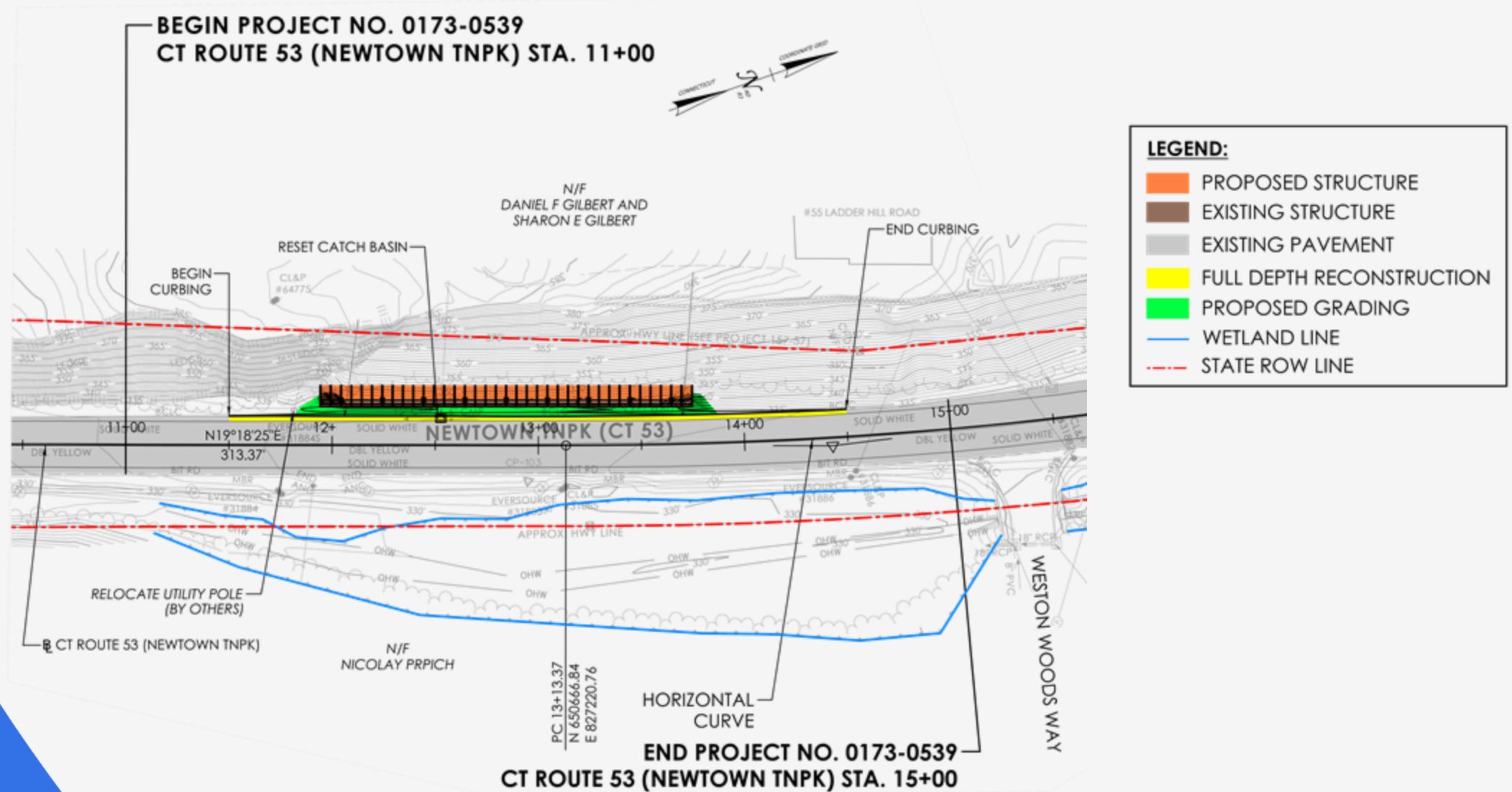
TIE-BACK WALL PLAN

LEGEND:

- PROPOSED STRUCTURE
- EXISTING STRUCTURE
- EXISTING PAVEMENT
- PAVEMENT RECONSTRUCTION
- PROPOSED GRADING IMPACTS



PROPOSED ROADWAY PLAN - RW-157-053-002





PROJECT IMPACTS

Environmental:

- No anticipated impacts to environmentally regulated areas
- Tree removal is required

ROW:

- No Right-of-Way impacts to adjacent properties anticipated

Utility:

- Overhead utilities will need to be permanently relocated at Wall No. 001
- At Wall No. 002, guy-pole at the south end of wall will need to be removed and the associated utility pole will require temporary bracing

Drainage:

- No anticipated impacts at Wall No. 001
- At Wall No. 002, catch basin at south end of wall will be removed prior to construction, and reset post-construction



PROJECT SCHEDULE & COSTS

- Design Completion and Construction Advertising – Summer/Fall 2027
- Begin Construction – Spring 2028
- End Construction – Fall 2028
- Approx. Construction Cost – \$3.2 Million (Both walls)
 - Currently 100% State Funds (Could utilize Federal funds)
- Work will be done at zero cost to the Town

** Project construction cost and schedule are preliminary and are subject to availability of State and Federal funds. Cost and Schedule may change as the project continues through the Design Phase.



Question & Answer Session



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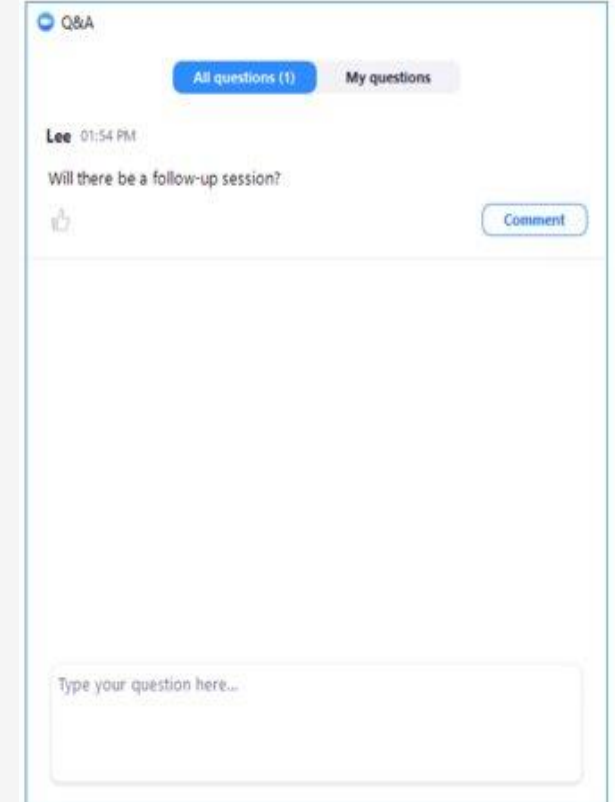


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THANK YOU!
