

State Project 0066-0110: Replacement of Bridge No. 04695, Hebron Virtual Public Information Meeting

Live Event: Tuesday, September 12, 7:00 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:

DOT-FLBP@ct.gov

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

Visit the Project Webpage:

<http://portal.ct.gov/DOTHebron66-110>



A recording of this presentation will be posted after the live event. Closed captioning, including non-English translation options, will be available at that time.

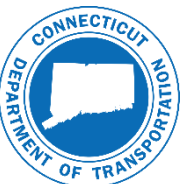
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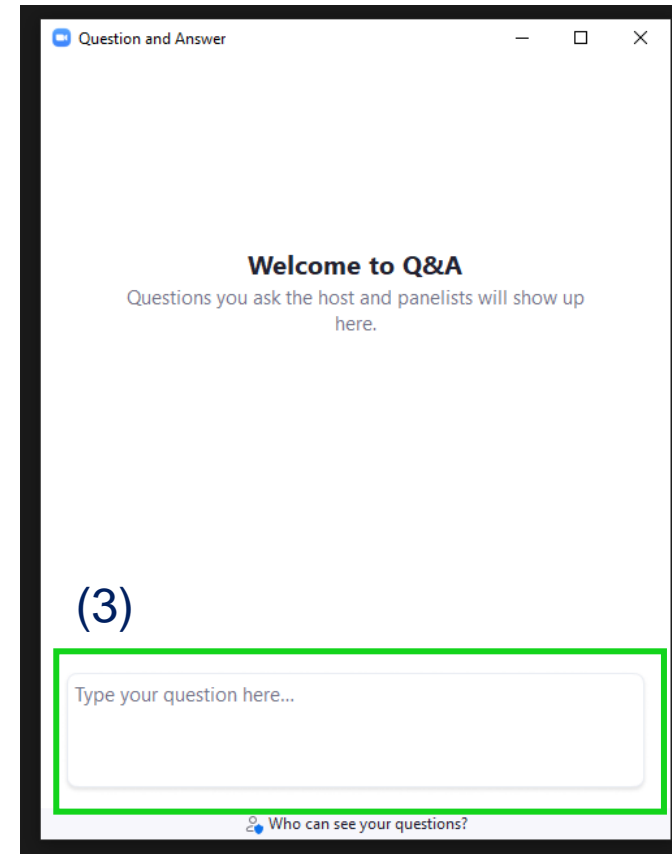


How to use Zoom Q&A

- (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.



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Project 0066-0110: Replacement of Bridge No. 04695



Marc Byrnes, P.E.
Project Manager – CT DOT
Tel. No. (860) 594-3489
Marc.Byrnes@ct.gov



Goals for Tonight's Meeting

Interacting with the Project Team

Explain Federal Local Bridge “Design Managed by State” (DMS) Program

Welcoming Remarks by Town of Hebron

Introduce the Project Team

Formal Presentation of the Design Progress

- ❖ Explain the condition of existing bridge & define Purpose and Need
- ❖ Recommend a viable proposal (Design Plans are only 30% complete)

Open the Forum to your Q&A's



Question & Answer Session – Send a Question or Comment via:



by email: DOT-FLBP@ct.gov



by phone: (860) 594-2020 (voicemail)



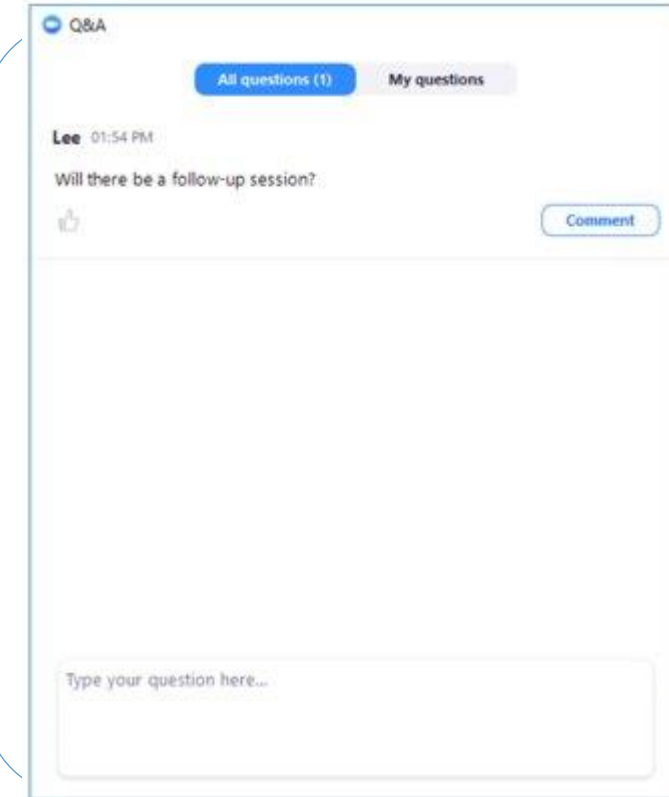
by chat: [Zoom Q&A](#)



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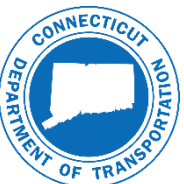
Moderator will Post
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Note: The comment period is open through **September 28, 2023***

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Replacement of Bridge No. 04695 // State Project No. 0066-0110



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>



- Civil Rights information:

- <https://portal.ct.gov/DOT/Business/Office-of-Equity/Title-VI-Page>

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Connecticut Department of Transportation

Title VI Notice to the Public

- ◇ 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

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

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

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



Funding for Project

Federal Local Bridge Program – “Design Managed by State” (DMS)

Traditional Fed. Local Program: 80% Federal and 20% Town for Design, ROW, and CN

DMS: Design, ROW, and CN Phases are funded with 80% Federal and 20% State Funds

- Design is at zero cost to the Town
- Design is “Full Partnership” and Coordination with the Town

Goals of DMS:

- Provide a “Streamlined approach to Design” using full DOT resources
- Aid the Towns to Keep their bridges in “State of Good Repair” by effective use of funds
- Decrease typical design time
- Utilize Accelerated Bridge Construction (ABC) techniques to shorten construction duration
- Increase the number of municipal projects delivered to construction each year



Welcoming Remarks from Town of Hebron



Town Project Contact:

Paul Forrest

Public Works Director

(860) 228-2871

pforrest@hebronct.com



Project Team



Bart
Sweeney, P.E.
Division Chief
of Bridges
CTDOT



Derick
Lessard,
P.E.
Principal
Engineer
CTDOT



Marc Byrnes,
P.E.
Project
Manager
CTDOT



Michelle M.
Rame
Project
Engineer
CTDOT



Zachary
Guarino
ROW
Coordinator
CTDOT



James
Platosh, P.E.
Project
Manager
CJM



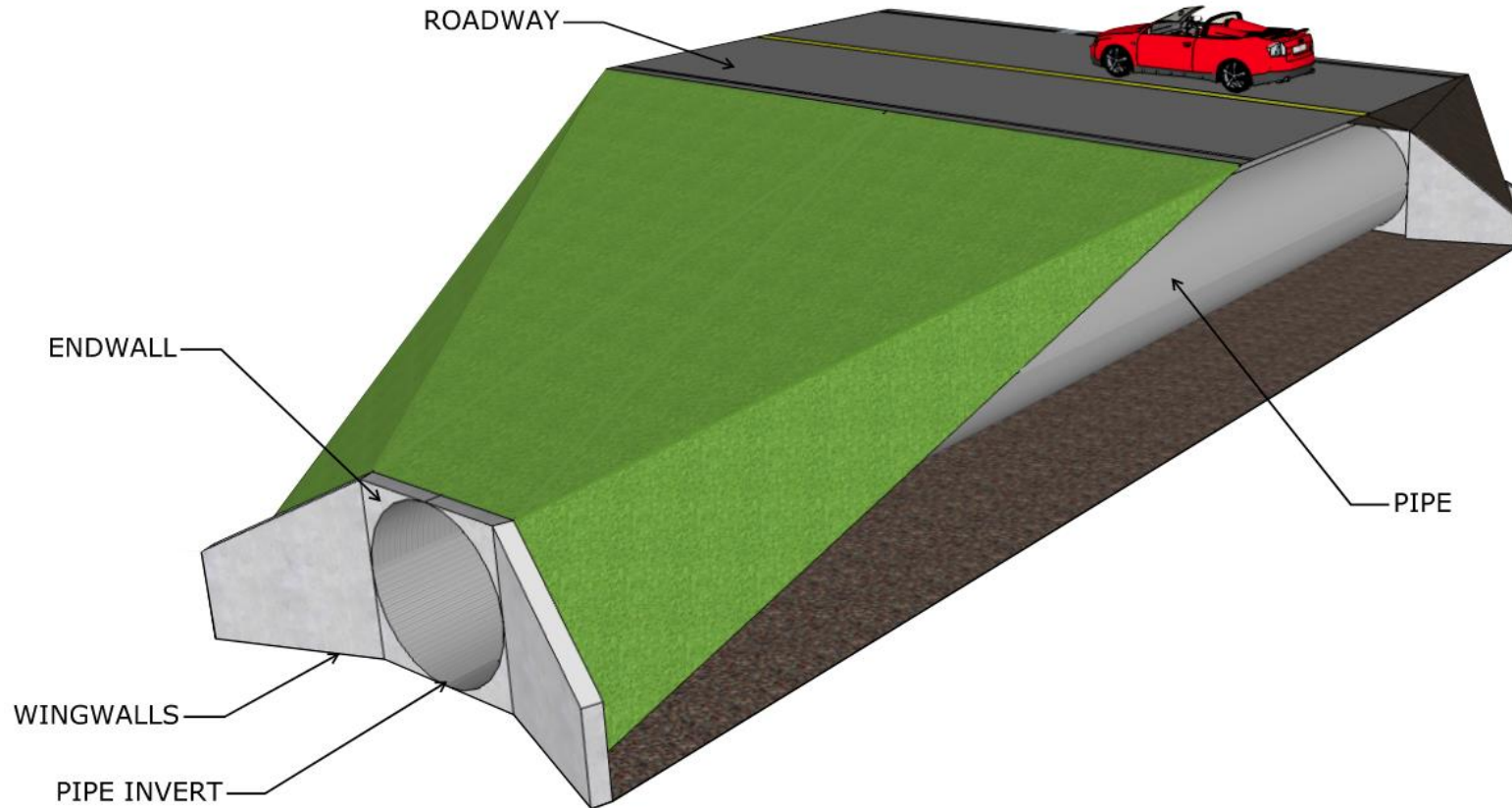
Dan Carnein
Project
Engineer
CJM

CJM

Close, Jensen and
Miller, P.C.
LIAISON SERVICES



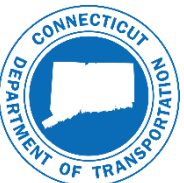
Bridge Structural Elements Diagram



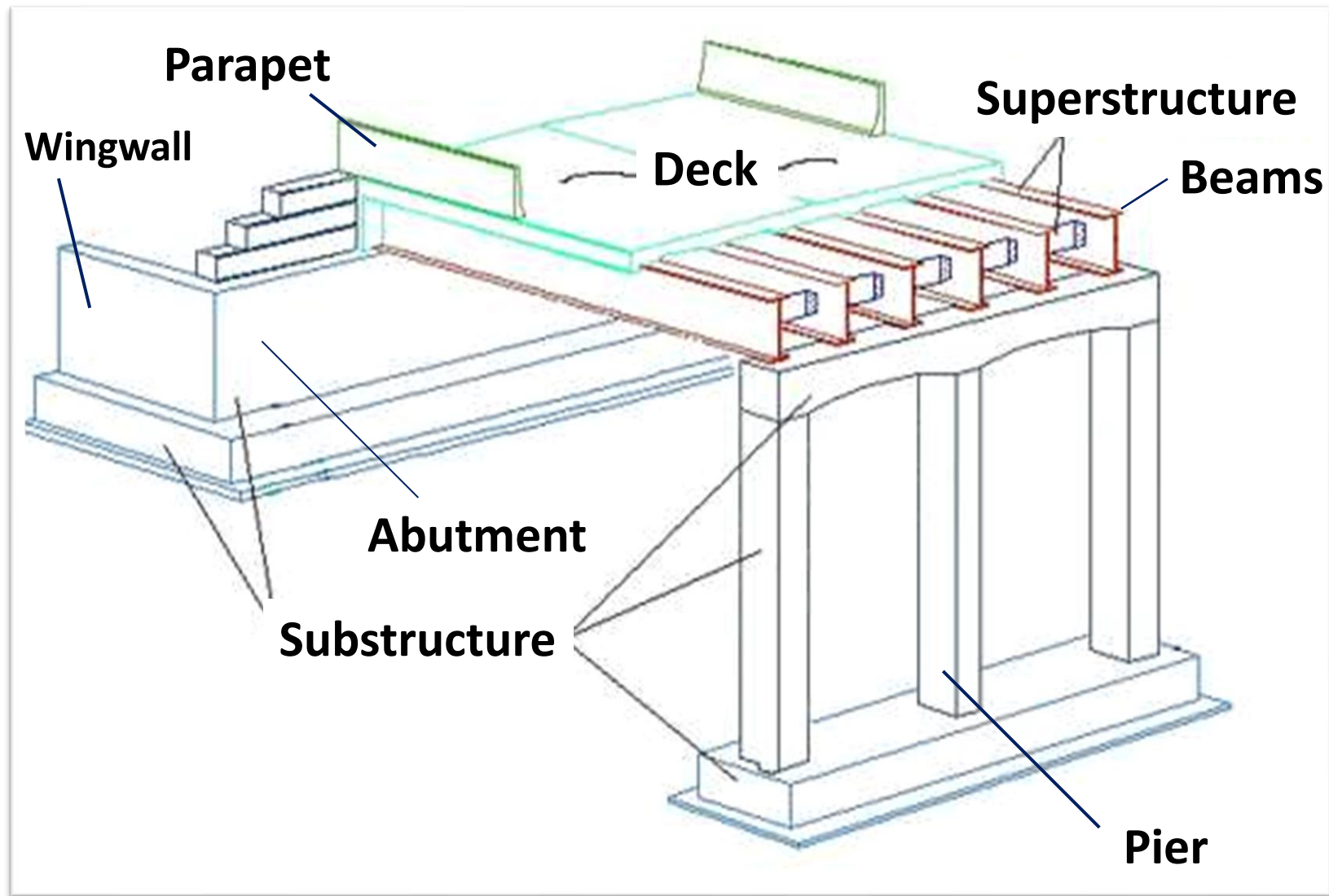
Bridge Condition Ratings

Scale: 1 to 9

- 9 – Excellent
- 8 – Very Good
- 7 – Good
- 6 – Satisfactory
- 5 – Fair
- 4 – Poor
- 3 – Serious
- 2 – Critical
- 1 – Imminent Failure



Bridge Structural Elements Diagram



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State Project 0066-0110: Replacement of Bridge No. 04695, Old Colchester Road over Raymond Brook, Hebron



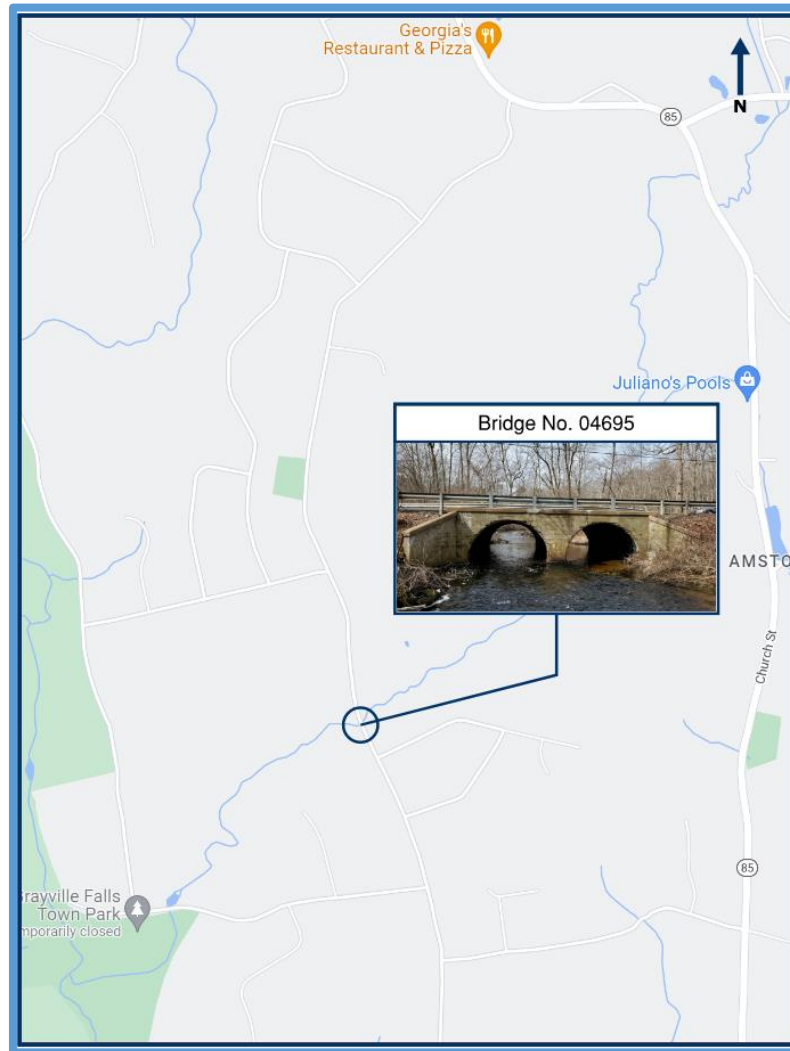
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Replacement of Bridge No. 04695 // State Project No. 0066-0110

Project Location



- 1.6 miles south of its intersection with Route 85 (Church Street)
- Airline State Park Trail and parking area located immediately south of the bridge

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Aerial View



Existing Conditions

- Year Built: 1956
- Twin metal plate pipe arches
- Concrete block headwalls and wingwalls



- 27-Foot Total Structure Length
- 25-Foot 8-Inch Curb-to-Curb Width
- ADT = 485 Vehicles Per Day

Replacement of Bridge No. 04695 // State Project No. 0066-0110

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Utility Conditions

- Overhead utilities
 - Span the structure on the west (downstream) side of Old Colchester Road



Culvert Condition – 3 (Serious)

- Both pipes exhibit heavy rust along waterline
- Deep pitting and thinning of pipe wall at waterline
- Perforations up to 3-inch diameter

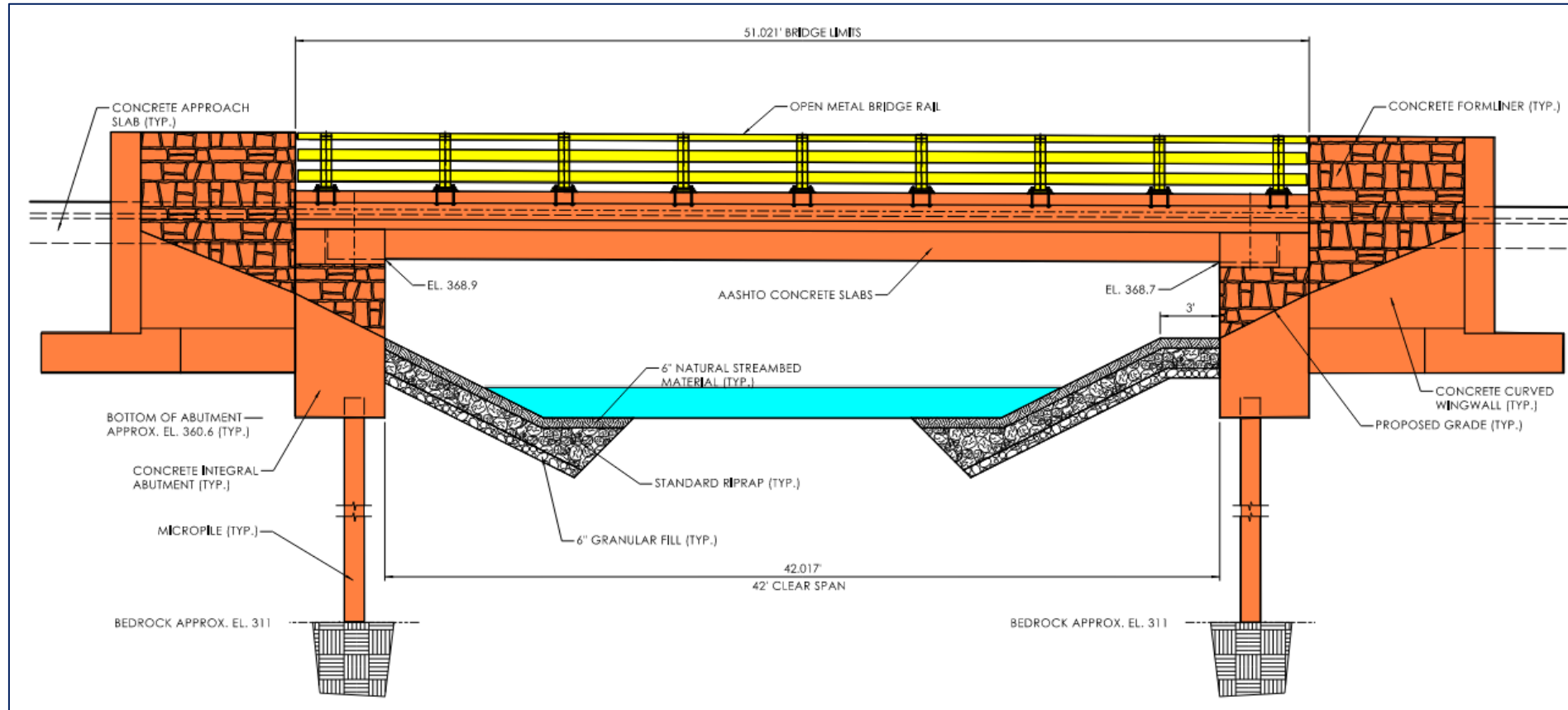


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Proposed Bridge – Elevation View

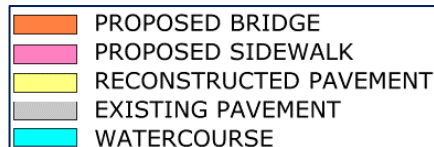
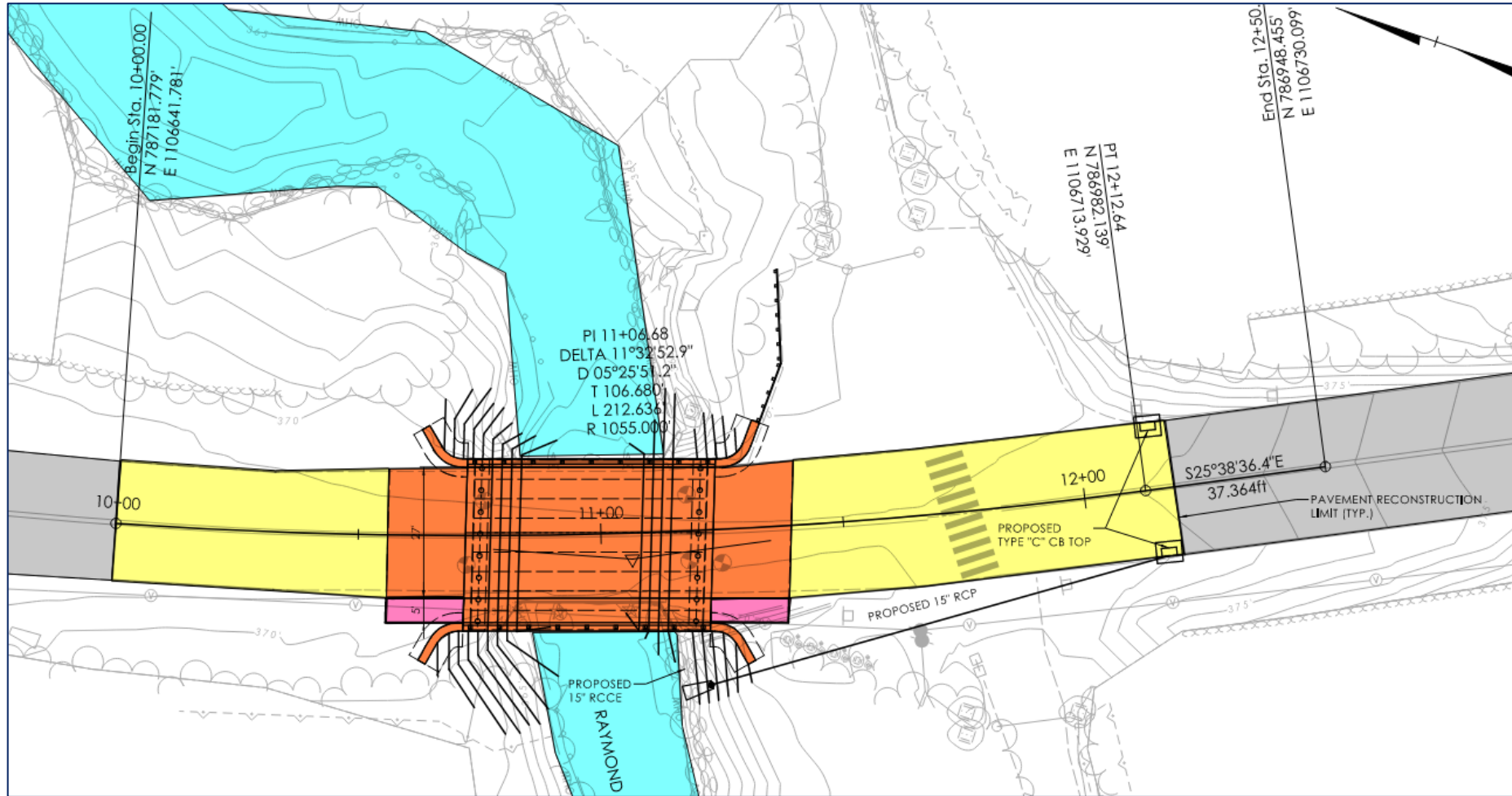


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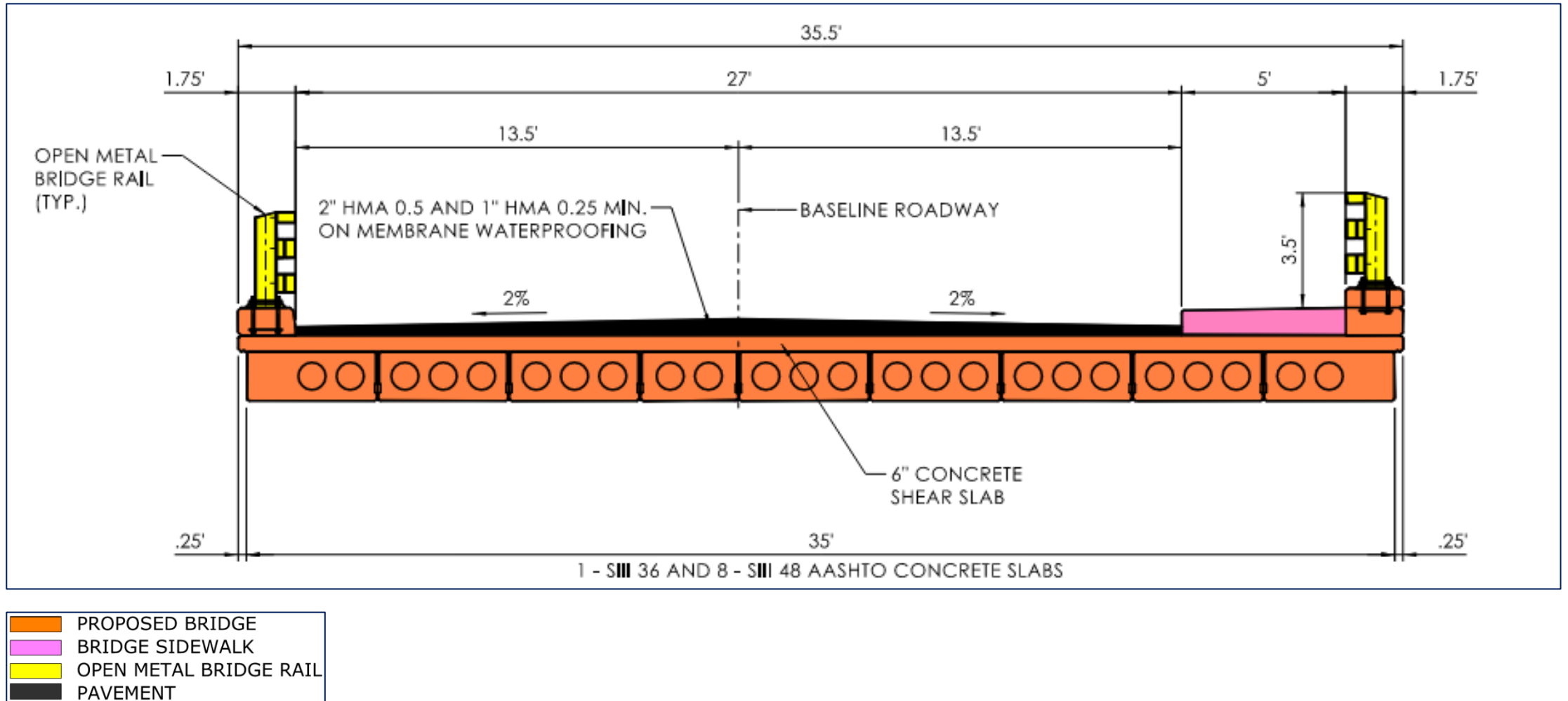
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Proposed Bridge – Plan View



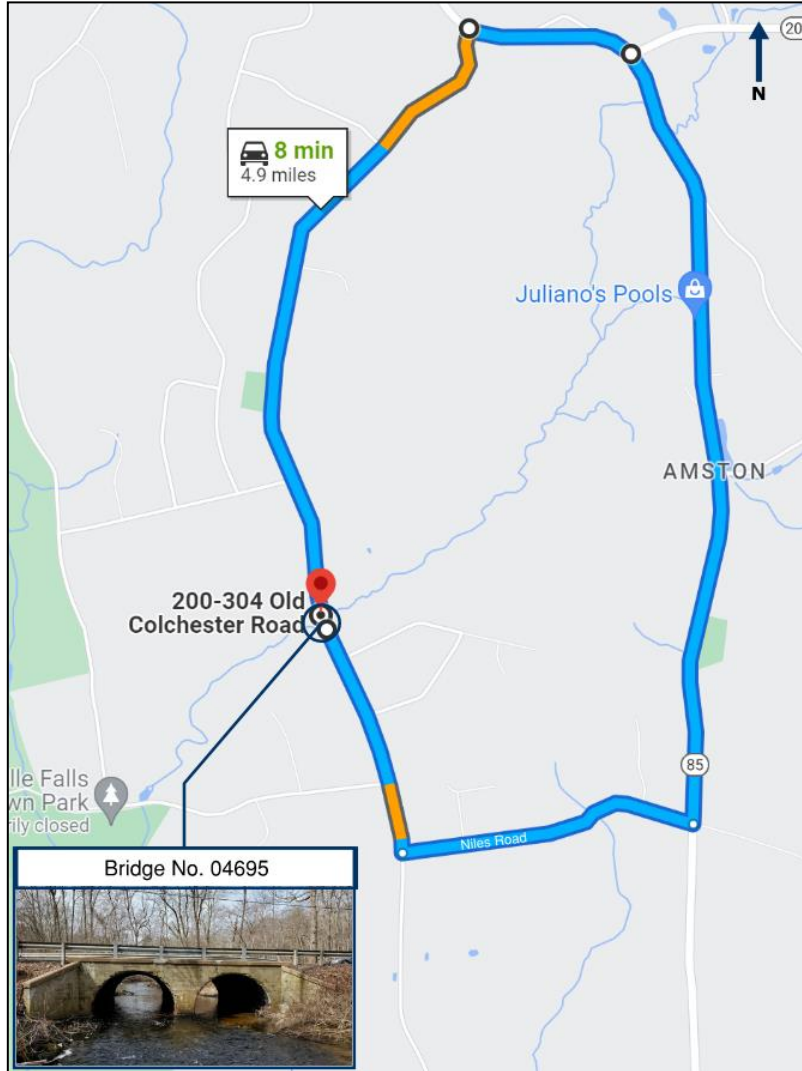
Proposed Bridge – Cross Section View



Examples of Concrete Beam Bridges



Detour



Length: 4.9 miles

Duration: 6-8 months

Roads Included:

Old Colchester Road

Route 85 (Church Street)

Niles Road

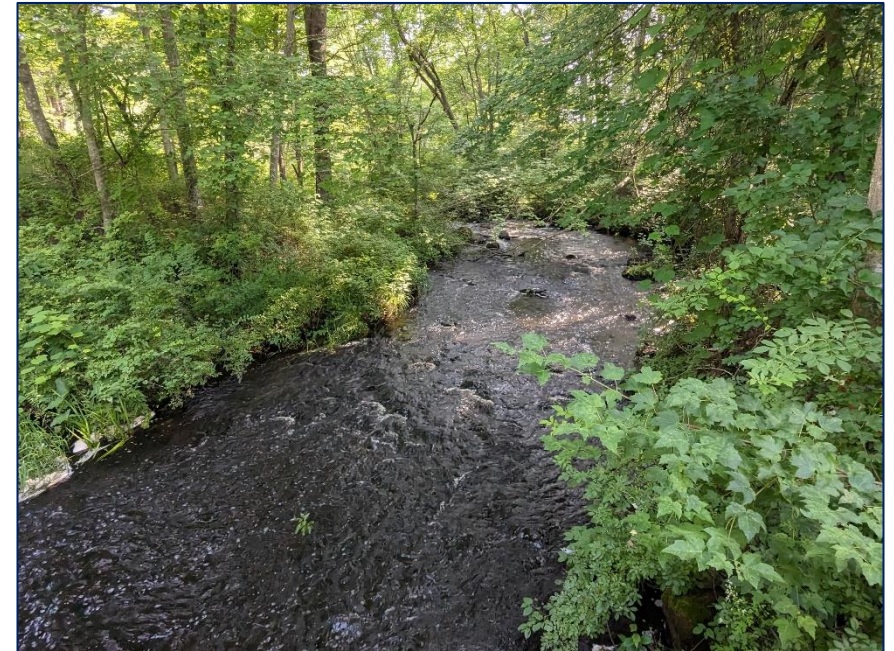
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Anticipated Permits

- Local Inland Wetlands
- Flood Management Certification
- USACE



Anticipated Schedule and Cost

Construction Duration: 6-8 Months (One construction season)

Anticipated Construction Start: Spring 2026

80% Federal Funds / 20% State Funds

Estimated Construction Cost: \$2,325,000

State Share = \$465,000

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Live Question & Answer Session (Q&A)



by email: DOT-FLBP@ct.gov



by phone: (860) 594-2020 (voicemail)



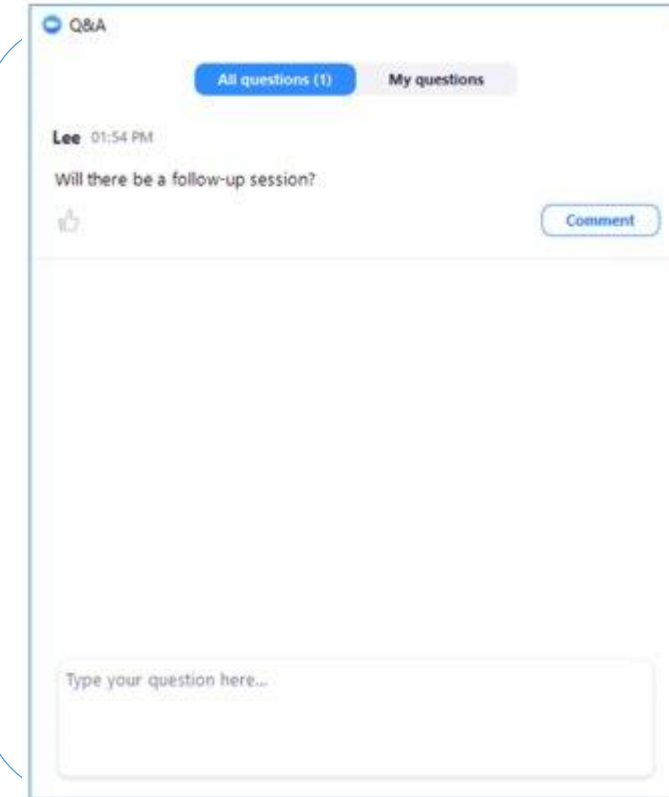
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