



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

August 8, 2023

Deborah Denfeld
Team Lead – Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, CT 06141
deborah.denfeld@eversource.com

RE: **PETITION NO. 1565** – The Connecticut Light and Power Company d/b/a Eversource Energy declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed East of Hurd State Park to East Haddam Junction Line Rebuild Project consisting of the replacement of electric transmission line structures along its existing 6.2-mile electric transmission line right-of-way shared by its existing 115-kilovolt (kV) No. 1772 and 345-kV Nos. 362, 376 and 364 Lines between Structure Nos. 12053 and 19099 east of Hurd State Park in East Hampton, Haddam Neck Switching Station in Haddam, and East Haddam Junction in East Haddam, Connecticut traversing the municipalities of East Hampton, Haddam and East Haddam, and related electric transmission line and substation improvements. **Compliance with Conditions Nos. 5 and 7.**

Dear Deborah Denfeld:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated August 7, 2023, regarding compliance with Condition Nos. 5 and 7 of the Council's Declaratory Ruling issued on July 21, 2023 for the above-referenced facility. The correspondence includes a determination from SHPO indicating the Project will not impact cultural resources, in accordance with Condition No. 5 and the final design of the Succor Brook bridge, consistent with DEEP Inland Fisheries Division Stream Crossing Guidelines, in accordance with Condition No. 7.

Therefore, the Council acknowledges that Condition Nos. 5 and 7 have been satisfied. This acknowledgment applies only to the conditions satisfied by the August 7, 2023 correspondence.

Please be advised that deviations from the standards established by the Council in the Declaratory Ruling are enforceable under the provisions of Connecticut General Statutes §16-50u.

Thank you for your attention and cooperation.

Sincerely,

A handwritten signature in blue ink, appearing to read "Melanie A. Bachman".

Melanie A. Bachman
Executive Director

c: Kathleen Shanley, Eversource Energy (Kathleen.shanley@eversource.com)

MB/RDM/laf



56 Prospect Street
P.O. Box 270
Hartford, CT 06103

Deborah Denfeld

Team Lead– Transmission Siting
Tel: (860) 728-4654

August 7, 2023

Melanie Bachman, Esq
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Petition No. 1565: East of Hurd State Park to East Haddam Junction 1772, 362, 376, and 364 Lines Rebuild Project – Provision of Information in Response to Condition Nos. 5 and 7 of the Connecticut Siting Council's July 20, 2023 Ruling

Dear Ms. Bachman:

The Connecticut Light and Power Company doing business as Eversource Energy submits the enclosed original and 15 copies of the following information pursuant to Condition Nos. 5 and 7:

- Per Condition No. 5: Copies of correspondence from the State Historic Preservation Office (SHPO) indicating that no recommended cultural resource protection measures are required for the project. (Refer to Attachment A)
- Per Condition No. 7: Copies of the final design plans for the Succor Brook bridge. (Refer to Attachment B)

Sincerely,

A handwritten signature in cursive script that reads "Deborah Denfeld".

Deborah Denfeld
Team Lead – Transmission Siting
Deborah.denfeld@eversource.com

Encl

ATTACHMENT A

SHPO CORRESPONDENCE

(PER CONDITION NO. 5)

July 13, 2023

Mr. David George
Heritage Consultants, LLC
830 Berlin Turnpike
Berlin, CT 06037
(sent via email only to dgeorge@heritage-consultants.com)

Subject: Archaeological Reconnaissance Survey
Eversource Energy Line 362 Structure Replacement and OPGW Project
East Hampton and Haddam, Connecticut

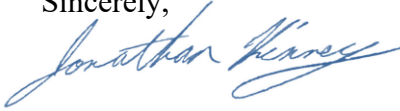
Dear Mr. George:

The State Historic Preservation Office (SHPO) has reviewed the report titled, *Phase IB Cultural Resources Reconnaissance Survey of Eversource Energy Line 362 in East Hampton and Haddam, Connecticut* prepared by Heritage Consultants, LLC (Heritage) and dated June 2023. The submitted report is comprehensive and meets the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*. The project will require permitting from the United States Army Corps of Engineers permitting requirements; therefore, it is subject to review by this office pursuant to Section 106 of the National Historic Preservation Act.

The archaeological reconnaissance survey examined the work areas associated with 12 proposed structure replacement locations identified as retaining moderate/high archaeological sensitivity during a previously completed archaeological assessment survey. The examined project items included Structures 19099 through 19102, 19104 through 19106, 19110, through 19113, and 19115. Background research determined that no previously recorded archaeological sites or properties listed on the National Register of Historic Places (NRHP) were located within 500 feet of proposed project items. During the reconnaissance survey, Heritage completed 29 of 32 planned shovel tests. The three planned but unexcavated shovel tests fell within areas of standing water or previous disturbance. Subsurface testing failed to identify any cultural material. A single quartz bifacial reduction flake was identified on the surface of a disturbed area in the vicinity of Structure 19115. However, subsurface testing of the area failed to produce evidence of additional cultural material. In addition, a stone wall, mortared stone foundation, and brick pile were documented during the survey. Heritage determined that the foundation and associated brick pile were not eligible for the NRHP and recommended no further investigation. The identified stone wall will not be impacted by the proposed project. Based on the information provided to our office, it is the opinion of SHPO that no historic properties will be affected by the proposed project and no additional archaeological examination of the 12 project items is warranted. Comments are conditional upon the submission of two bound copies of the final report to our office for permanent curation and public accessibility.

SHPO appreciates the cooperation of all interested parties in the professional management of Connecticut's archeological resources. Do not hesitate to contact Cory Atkinson, Staff Archaeologist and Environmental Reviewer, for additional information at (860) 500-2458 or cory.atkinson@ct.gov.

Sincerely,

A handwritten signature in blue ink, reading "Jonathan Kinney".

Jonathan Kinney
State Historic Preservation Officer

July 13, 2023

Mr. David George
Heritage Consultants, LLC
830 Berlin Turnpike
Berlin, CT 06037
(sent via email only to dgeorge@heritage-consultants.com)

Subject: Archaeological Reconnaissance Survey
Eversource Energy Line 376 East of Hurd to East Haddam Junction Project
East Hampton and Haddam, Connecticut

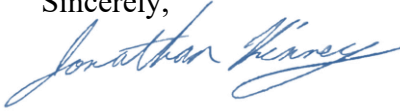
Dear Mr. George:

The State Historic Preservation Office (SHPO) has reviewed the report titled, *Phase IB Cultural Resources Reconnaissance Survey of Eversource Energy Line 376 in East Hampton and Haddam, Connecticut* prepared by Heritage Consultants, LLC (Heritage) and dated June 2023. The submitted report is comprehensive and meets the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*. The project will require permitting from the United States Army Corps of Engineers permitting requirements; therefore, it is subject to review by this office pursuant to Section 106 of the National Historic Preservation Act.

The archaeological reconnaissance survey examined the work areas associated with nine proposed structure replacement locations identified as retaining moderate/high archaeological sensitivity during a previously completed archaeological assessment survey. The examined project items included Structures 12037, 12039, 12040, 12046 through 12048, and 12051 through 12053. Background research determined that no previously recorded archaeological sites or properties listed on the National Register of Historic Places (NRHP) were located within 500 feet of proposed project items. During the reconnaissance survey, Heritage completed 20 of 29 planned shovel tests. The nine planned but unexcavated shovel tests fell within areas of significant slope or previous disturbance. Subsurface testing failed to identify any evidence of cultural material. A single quartz bifacial reduction flake was identified on the surface of a disturbed area in the vicinity of Structure 12037. However, subsurface testing of the area failed to produce evidence of additional cultural material. In addition, a stone wall, mortared stone foundation, and brick pile were documented during the survey. Heritage determined that the foundation and associated brick pile were not eligible for the NRHP and recommended no further investigation. The identified stone wall will not be impacted by the proposed project. Based on the information provided to our office, it is the opinion of SHPO that no historic properties will be affected by the proposed project and no additional archaeological examination of the 12 project items is warranted. Comments are conditional upon the submission of two bound copies of the final report to our office for permanent curation and public accessibility.

SHPO appreciates the cooperation of all interested parties in the professional management of Connecticut's archeological resources. Do not hesitate to contact Cory Atkinson, Staff Archaeologist and Environmental Reviewer, for additional information at (860) 500-2458 or cory.atkinson@ct.gov.

Sincerely,

A handwritten signature in blue ink, reading "Jonathan Kinney".

Jonathan Kinney
State Historic Preservation Officer

July 13, 2023

Mr. David George
Heritage Consultants, LLC
830 Berlin Turnpike
Berlin, CT 06037
(sent via email only to dgeorge@heritage-consultants.com)

Subject: Archaeological Reconnaissance Survey of Lines 364 and 1772 Project Items
Eversource East of Hurd to East Haddam Junction Structure Rebuild Project
East Hampton, Haddam, and East Haddam Connecticut

Dear Mr. George:

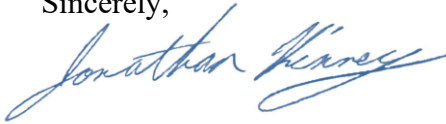
The State Historic Preservation Office (SHPO) has reviewed the letter report titled, *Phase IB Cultural Resources Reconnaissance Survey of Eversource Energy Lines 364 and 1772 in East Hampton, Haddam, and East Haddam, Connecticut* prepared by Heritage Consultants, LLC (Heritage) and dated June 2023. SHPO understands that the proposed project entails the replacement of electrical transmission structures within the Eversource Energy Lines 364 and 1772 corridor between Structure 15141 and East Hampton Junction. The undertaking will also include the construction of several access roads. The project will require permitting from the United States Army Corps of Engineers. As a result, it is subject to review by this office pursuant to Section 106 of the National Historic Preservation Act. The submitted report is comprehensive and meets the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*.

The archaeological reconnaissance survey examined the work areas associated with 16 project items located in areas of moderate/high archaeological sensitivity identified during a previously completed archaeological assessment survey. Six of the project items were subsequently determined to have been subjected to significant prior disturbances (Structures 3738, 3742, 5407, 5409, 5426 and Pull Pad PP-3743-W). As a result, no further archaeological investigation of these items was completed. During the reconnaissance survey, Heritage completed 37 of 40 planned shovel tests. The three planned but unexcavated shovel tests fell within areas of significant slope, bedrock exposures, or saturated soils. The field effort resulted in the recovery of a single Pre-Contact period artifact from the work area associated with Structure 5406 and two Post-Contact period artifacts from proposed access road AR-15141. The Pre-Contact period artifact consisted of a single quartz flake and was determined to be associated with a nearby previously recorded, potentially National Register of Historic Places (NRHP) eligible, archaeological site (Site 61-120). Heritage concluded that Site 61-120 was located primarily outside of the Structure 5406 work area and would not be adversely impacted by the proposed structure replacement project. Identified Post-Contact period artifacts consisted of a brick fragment and glass insulator fragment. The report concluded that these materials were not eligible for the NRHP. As a result, Heritage recommended no additional archaeological investigation of the 16 examined project items prior to construction. Based on the information

provided to our office, it is the opinion of SHPO that there will be no adverse effect by the proposed project to Site 61-120.

This office appreciates the opportunity to review and comment upon this project. Do not hesitate to contact Cory Atkinson, Staff Archaeologist and Environmental Reviewer, for additional information at (860) 500-2458 or cory.atkinson@ct.gov.

Sincerely,

A handwritten signature in blue ink that reads "Jonathan Kinney".

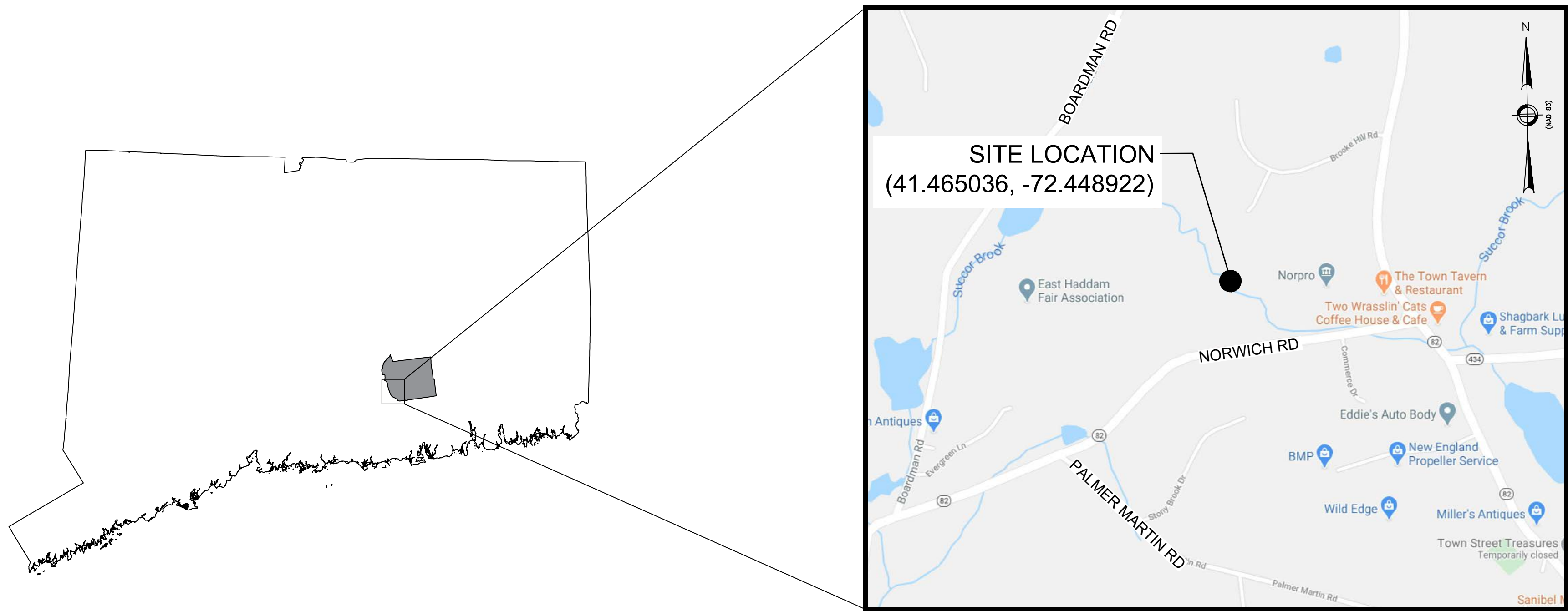
Jonathan Kinney
State Historic Preservation Officer

ATTACHMENT B
SUCCOR BROOK FINAL DESIGN PLANS
(PER CONDITION NO. 7)

EVERSOURCE

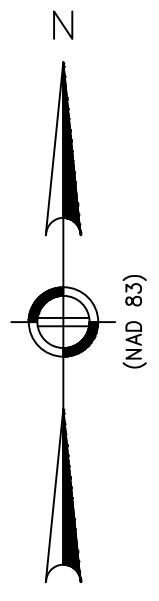
PROPOSED BRIDGE OVER SUCCOR BROOK AT EAST HADDAM JUNCTION EAST HADDAM, CT

JULY 2023



SHEET	TITLE
C-1	EXISTING CONDITIONS
C-2	PROPOSED BRIDGE LAYOUT PLAN
C-3	CROSS SECTIONS
C-4	CONSTRUCTION DETAILS
C-5	IMPACT AREAS





EDGE OF ROW (MAPPING-DRAWING NO. 17294-12)

150'

EDGE OF ROW (MAPPING-DRAWING NO. 17294-12)

MONUMENTED LINE OF LOCATION

IRT2 w/CAP
N - 730273.35
E - 1082386.80
ELEV - 223.29800

STR 5426

STR 364

STR 364

EXISTING WETLAND

EXISTING WETLAND

B2 | 41.4650796, -72.4487007

B3A | 41.4650905, -72.4485883

B3 | 41.4650890, -72.4486052

B2A | 41.4650774, -72.4487005

B1 | 41.4650603, -72.4488040

IRT1 w/CAP
N - 730371.56
E - 1082625.27
ELEV - 221.77

RB FND

EXISTING WETLAND

DISC 51209A_576

EXISTING WETLAND

MONUMENTED LINE OF LOCATION

MON 51209A_577

EDGE OF ROW (MAPPING-DRAWING NO. 17294-12)

20 10 0 20 40
SCALE: 1" = 20'

GENERAL NOTES



1	FINAL PLANS	7/26/23
No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL
INCORPORATED

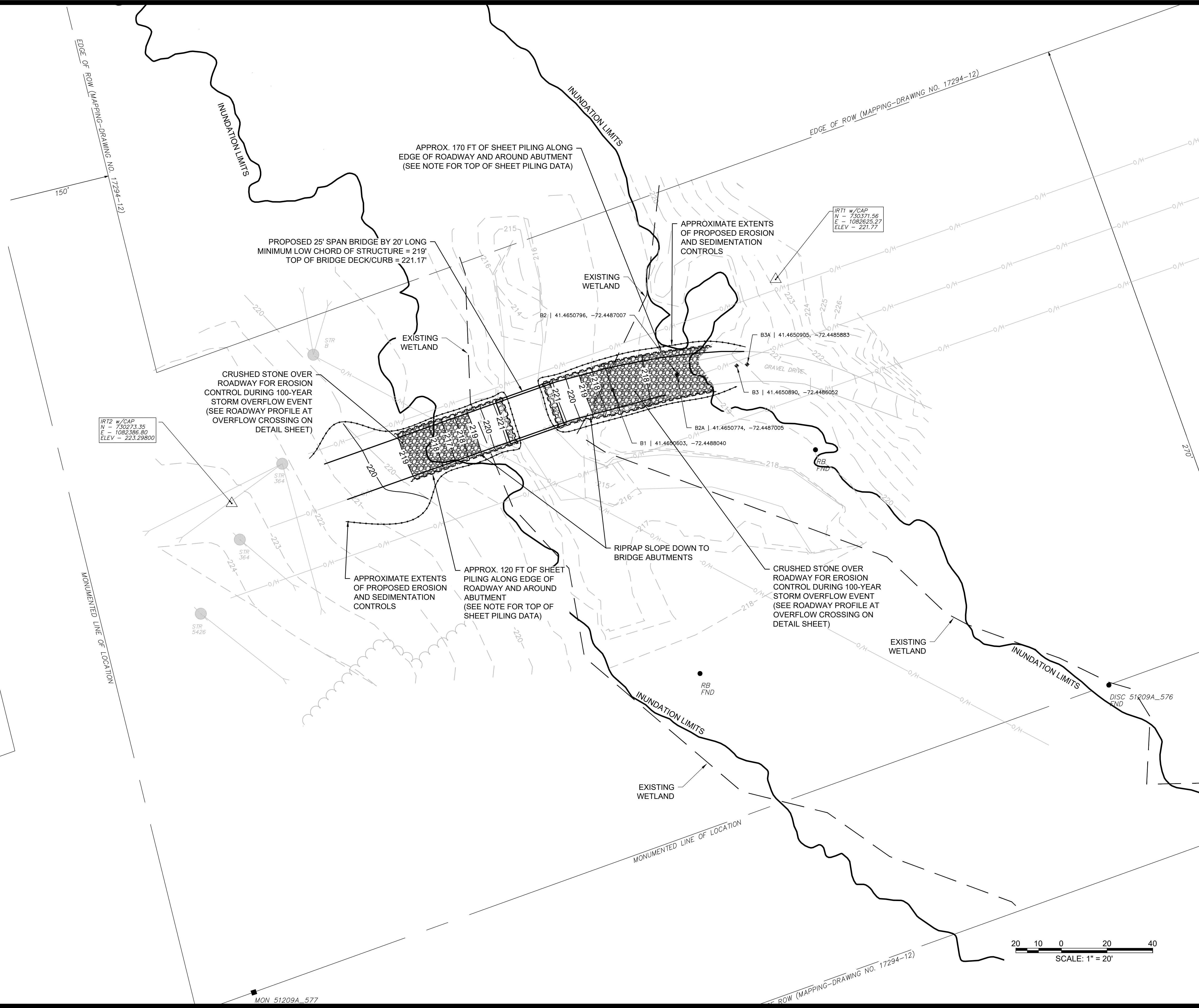
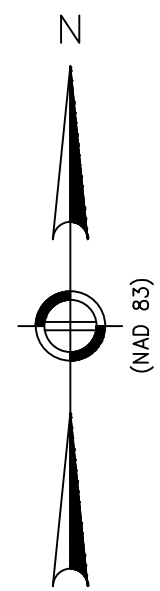


1 HARTFORD SQ. SUITE 227
NEW BRITAIN, CT 06052

EXISTING CONDITIONS
PLAN VIEW
EAST HADDAM JUNCTION

Town of East Haddam, CT

Project No.: 741-21 Date: 6/1/2020 Drawn By: JK Checked By: SA Scale: AS SHOWN	Sheet C-1
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GENERAL NOTES

SHEET PILING NOTE: TOP OF SHEET PILING WILL BE SET AS DESCRIBED BELOW:

- TOP OF SHEET PILING ALONG THE ACCESS ROAD SHALL BE SET AT THE ROADWAY ELEVATION BETWEEN ELEVATIONS 219' AND 217'.
- TOP OF SHEET PILING OUTSIDE OF ELEVATION RANGE OF 219' AND 217' SHALL BE INSTALLED FOR DEWATERING PURPOSES. ONCE THE STRUCTURE IS INSTALLED AND DEWATERING IS NO LONGER REQUIRED, CUT THE TOP OF SHEET PILING DOWN TO THE PROPOSED GRADE ELEVATION AND LEAVE IN PLACE FOR ADDITIONAL SCOUR PROTECTION.



1	FINAL PLANS	7/26/23
No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL INCORPORATED



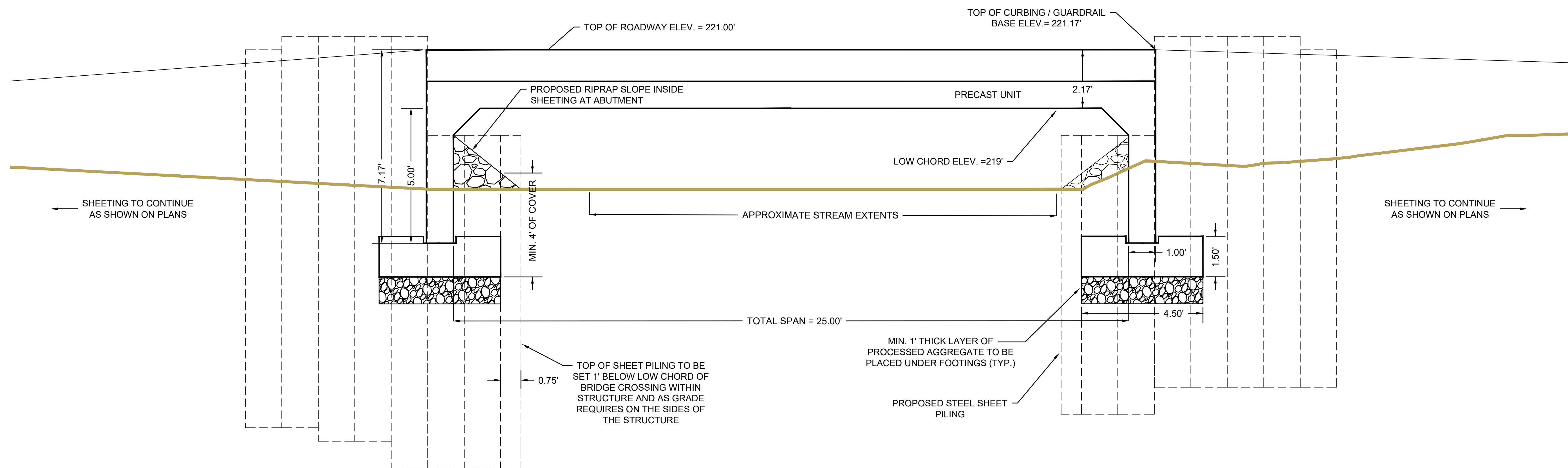
1 HARTFORD SQ. SUITE 227
NEW BRITAIN, CT 06052

PROPOSED BRIDGE LAYOUT PLAN
EAST HADDAM JUNCTION

Town of East Haddam, CT

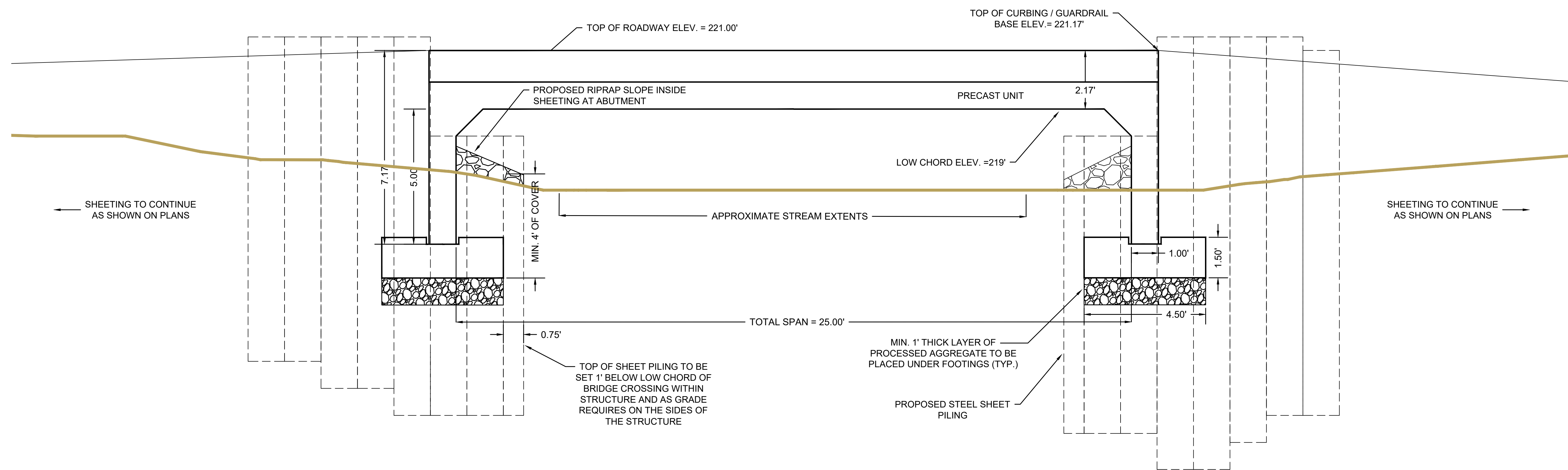
Project No.: 741-21 Date: 6/1/2020 Drawn By: JK Checked By: SA Scale: AS SHOWN	Sheet C-2
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NORTHERN CROSS-SECTION (LOOKING SOUTH)

SCALE: NTS



SOUTHERN CROSS-SECTION (LOOKING NORTH)

SCALE: NTS

GENERAL NOTES



1	FINAL PLANS	7/26/23
No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL
INCORPORATED



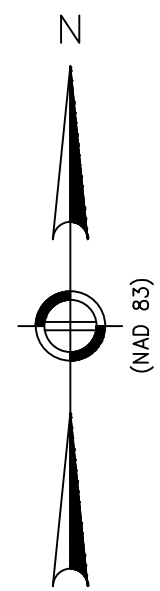
1 HARTFORD SQ. SUITE 227
NEW BRITAIN, CT 06052

**CROSS-SECTIONS
EAST HADDAM JUNCTION**

Town of East Haddam, CT

Project No.: 741-21	Sheet
Date: 6/2/2020	
Drawn By: JK	
Checked By: SA	
Scale: AS SHOWN	

C-3



EDGE OF ROW (MAPPING-DRAWING NO. 17294-12)

150'

INUNDATION LIMITS

APPROX. 170 FT OF SHEET PILING ALONG
EDGE OF ROADWAY AND AROUND ABUTMENT
(SEE NOTE FOR TOP OF SHEET PILING DATA)

TEMPORARY IMPACTS TO
WETLANDS (TYP.)

PROPOSED 25' SPAN BRIDGE BY 20' LONG
MINIMUM LOW CHORD OF STRUCTURE = 219'
TOP OF BRIDGE DECK/CURB = 221.17'

EXISTING
WETLAND

APPROXIMATE EXTENTS
OF PROPOSED EROSION
AND SEDIMENTATION
CONTROLS

IRT1 W/CAP
N = 730371.56
E = 1082625.27
ELEV = 221.77

B2 | 41.4650796, -72.4487007

B3A | 41.4650905, -72.4485883

CRUSHED STONE OVER
ROADWAY FOR EROSION
CONTROL DURING 100-YEAR
STORM OVERFLOW EVENT
(SEE ROADWAY PROFILE AT
OVERFLOW CROSSING ON
DETAIL SHEET)

PERMANENT IMPACTS TO
WETLANDS (TYP.)

IRT2 W/CAP
N = 730273.35
E = 1082386.80
ELEV = 223.29800

STR
B

APPROXIMATE EXTENTS
OF PROPOSED EROSION
AND SEDIMENTATION
CONTROLS

APPROX. 120 FT OF SHEET
PILING ALONG EDGE OF
ROADWAY AND AROUND
ABUTMENT
(SEE NOTE FOR TOP OF
SHEET PILING DATA)

RIPRAP SLOPE DOWN TO
BRIDGE ABUTMENTS

CRUSHED STONE OVER
ROADWAY FOR EROSION
CONTROL DURING 100-YEAR
STORM OVERFLOW EVENT
(SEE ROADWAY PROFILE AT
OVERFLOW CROSSING ON
DETAIL SHEET)

EXISTING
WETLAND

INUNDATION LIMITS

EXISTING
WETLAND

MONUMENTED LINE OF LOCATION

20 10 0 20 40
SCALE: 1" = 20'

GENERAL NOTES

- PERMANENT IMPACTS TO
WETLAND AREAS = 783 SF
- TEMPORARY IMPACTS TO
WETLAND AREAS = 213 SF



1	FINAL PLANS	7/26/23
No.	Revision/Issue	Date

COMPREHENSIVE ENVIRONMENTAL
INCORPORATED



1 HARTFORD SQ. SUITE 227
NEW BRITAIN, CT 06052

IMPACT AREAS EAST HADDAM JUNCTION

Town of East Haddam, CT

Project No.: 741-21 Date: 6/1/2020 Drawn By: JK Checked By: SA Scale: AS SHOWN	Sheet C-5
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