



September 6, 2022

PRINCIPALS

Ms. Lori Capone
Sudbury Conservation Commission
275 Old Lancaster Road
Sudbury, MA 01776

Subject: Sudbury-Hudson Transmission Reliability and Massachusetts Central Rail Trail Project (DEP File # 301-1287) OOC Issued 02/04/2021 Notification of Minor Change and Request for Administrative Approval

Dear Ms. Capone and Sudbury Conservation Commission Members:

On behalf of NSTAR d/b/a Eversource Energy ("Eversource") and the Massachusetts Department of Conservation and Recreation ("DCR"), Epsilon Associates, Inc. ("Epsilon") is submitting this letter and supporting documentation to provide the Commission with notification of a minor change to the proposed Project that was approved in the referenced Order of Conditions (OOC) and to request administrative review and approval of this minor change. According to Condition #14 of the OOC, any change to the plans approved in the OOC shall require the applicant to inquire of the Commission in writing whether the change is significant enough to require the filing of a new NOI.

As background, Eversource and DCR recently appeared before the Sudbury Historic District Commission to obtain a Certificate of Appropriateness (COA) for proposed work within the George Pitts Tavern Historic District. The COA issued on 08/04/22 requires that the Project remove and reset (or retain if possible) existing rail tracks in front of the Boston & Maine Railroad Section Tool House, located just east of Boston Post Road (Route 20). To accomplish this, the Project alignment (i.e., the proposed limit of work) has been expanded slightly southward at this location, resulting in a minor increase to the Project's footprint within the 200-Foot Riverfront Area and within the 100-Foot Buffer Zone ("BZ")/Adjacent Upland Resource Area ("AURA") of a vegetated wetland. The only proposed change occurs within approximately 160 linear feet of the rail trail alignment and associated grading. There are no changes to the proposed location of the underground electrical transmission line.

The proposed minor change would result in an increase of 847 square feet to the overall Project footprint in this area. All of this 847 square feet is within the 200-foot Riverfront Area of Hop Brook (all within outer riparian zone) and 379 square feet of this area is within 100-Foot BZ/AURA. This 847 square feet area is currently forested and as shown on the

- Theodore A Barten, PE
- Margaret B Briggs
- Dale T Raczynski, PE
- Cindy Schlessinger
- Lester B Smith, Jr
- Robert D O'Neal, CCM, INCE
- Michael D Howard, PWS
- Douglas J Kelleher
- AJ Jablonowski, PE
- Stephen H Slocomb, PE
- David E Hewett, LEED AP
- Dwight R Dunk, LPD
- David C Klinch, PWS, PMP
- Maria B Hartnett
- Richard M Lampeter, INCE
- Geoff Starsiak, LEED AP BD+C
- Marc Bergeron, PWS, CWS

ASSOCIATES

- Alyssa Jacobs, PWS
 - Holly Carlson Johnston
 - Brian Lever
 - Dorothy K. Buckoski, PE
- 3 Mill & Main Place, Suite 250
Maynard, MA 01754
www.epsilonassociates.com

978 897 7100

FAX 978 897 0099

updated plans will be restored with the same native woody shrub plantings and native herbaceous seed mix that was approved for the other restoration in this area.

The minor expansion of the Project footprint into AURA is within an area previously identified for the removal of invasives as part of the AURA mitigation proposed and approved for the Project. Eversource will expand the approved AURA mitigation plan to provide an equivalent area of invasives removal to keep the mitigation ratio the same as previously developed and approved. The updated AURA mitigation plan will be sent to the Commission.

The 160-foot section of realigned bike path does not result in an increase to the approved impervious surfaces from the Project and because it occurs within only 160 feet of the path, the change amounts to a *de minimis* change in stormwater flows. With the minor realignment of 160 feet of the rail trail, stormwater from this section will be directed southward between stations 712+00 and 713+50. This takes advantage of an existing low area south of the rail bed, and ultimately results in a longer path of travel for stormwater, providing increased opportunity for infiltration and recharge before reaching the culvert at station 713+63.

Attached please find three plan sheets showing the proposed minor change that upon administrative approval would replace the corresponding sheets in the plan set previously approved by the Commission.

We respectfully request that the Commission confirm that this minor change is insignificant and can proceed as an administrative approval. Please do not hesitate to contact me at 508-212-0420 or via email at mbergeron@epsilonassociates.com if you have any questions related to this request.

Sincerely,

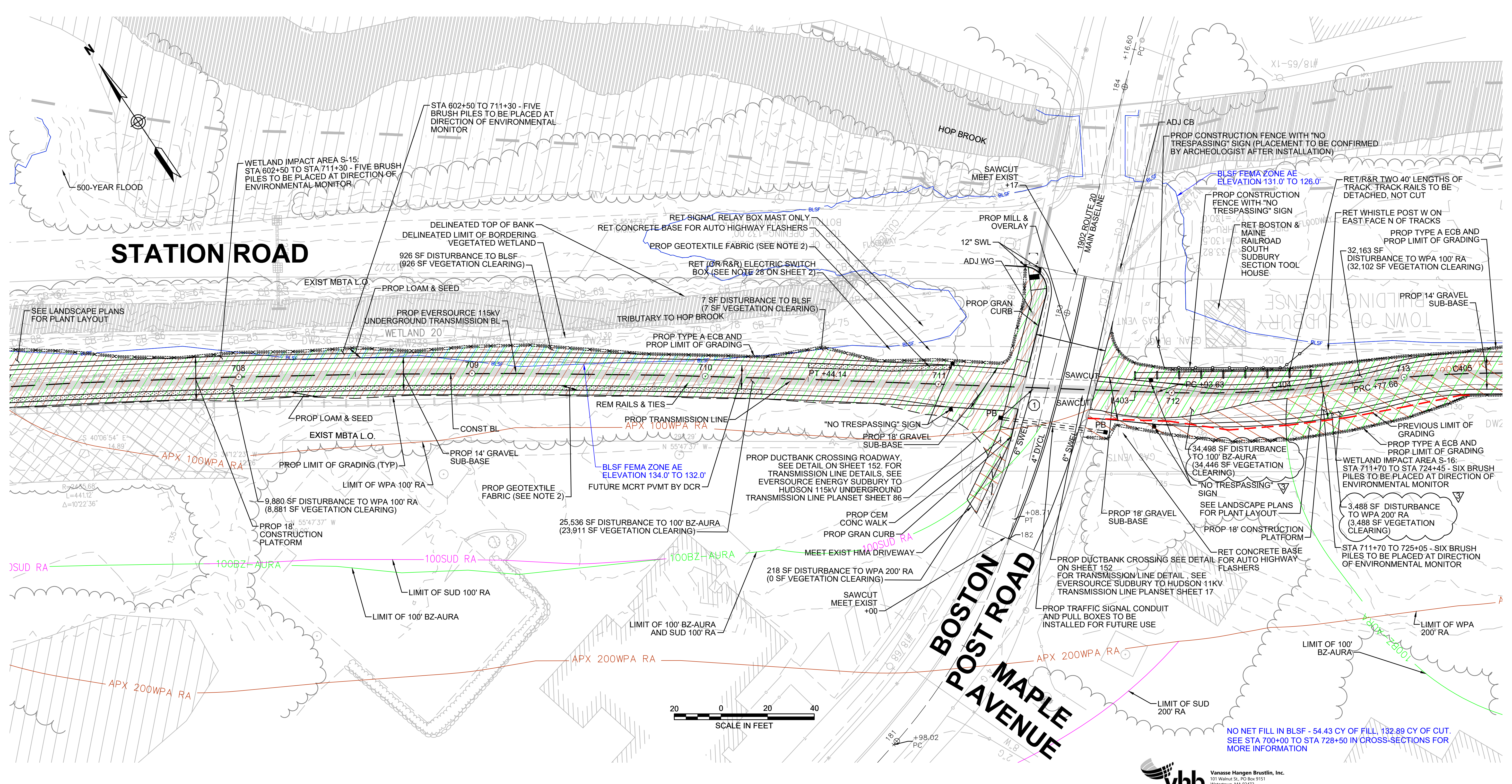


Marc Bergeron, PWS
Project Manager/Principal

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NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.

LEGEND:
 (X) ACCESS ROAD CROSSING NUMBER
 (X) WHEELCHAIR RAMP NUMBER

HATCH	DESCRIPTION
[Hatched pattern]	ISOLATED VEGETATED WETLAND
[Hatched pattern]	BORDERING VEGETATED WETLAND
[Hatched pattern]	LAND UNDER WATER
[Hatched pattern]	VERNAL POOL
[Hatched pattern]	PERMANENT DISTURBANCE TO VEGETATED WETLAND
[Hatched pattern]	TEMPORARY DISTURBANCE TO VEGETATED WETLAND
[Hatched pattern]	TEMPORARY DISTURBANCE TO LAND UNDER WATER (LUW)
[Hatched pattern]	TEMPORARY DISTURBANCE TO BANK
[Hatched pattern]	DISTURBANCE TO 100' VERNAL POOL BUFFER ZONE (100' VP BZ)

HATCH	DESCRIPTION
[Hatched pattern]	DISTURBANCE TO WPA 200' RIVERFRONT AREA (WPA 200' RA)
[Hatched pattern]	DISTURBANCE TO SUDBURY 200' RIVERFRONT AREA (SUD 200' RA)
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[Hatched pattern]	DISTURBANCE TO BLSF
[Hatched pattern]	EXISTING TREE LINE
[Hatched pattern]	LIMIT OF GRADING



N.O.	DESCRIPTION	BY	DATE	APPR.
3	PATH REALIGNMENT 710+50 TO 713+50		08/19/2022	

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 CONSTRUCTION PLANS

PLAN 63 OF 349

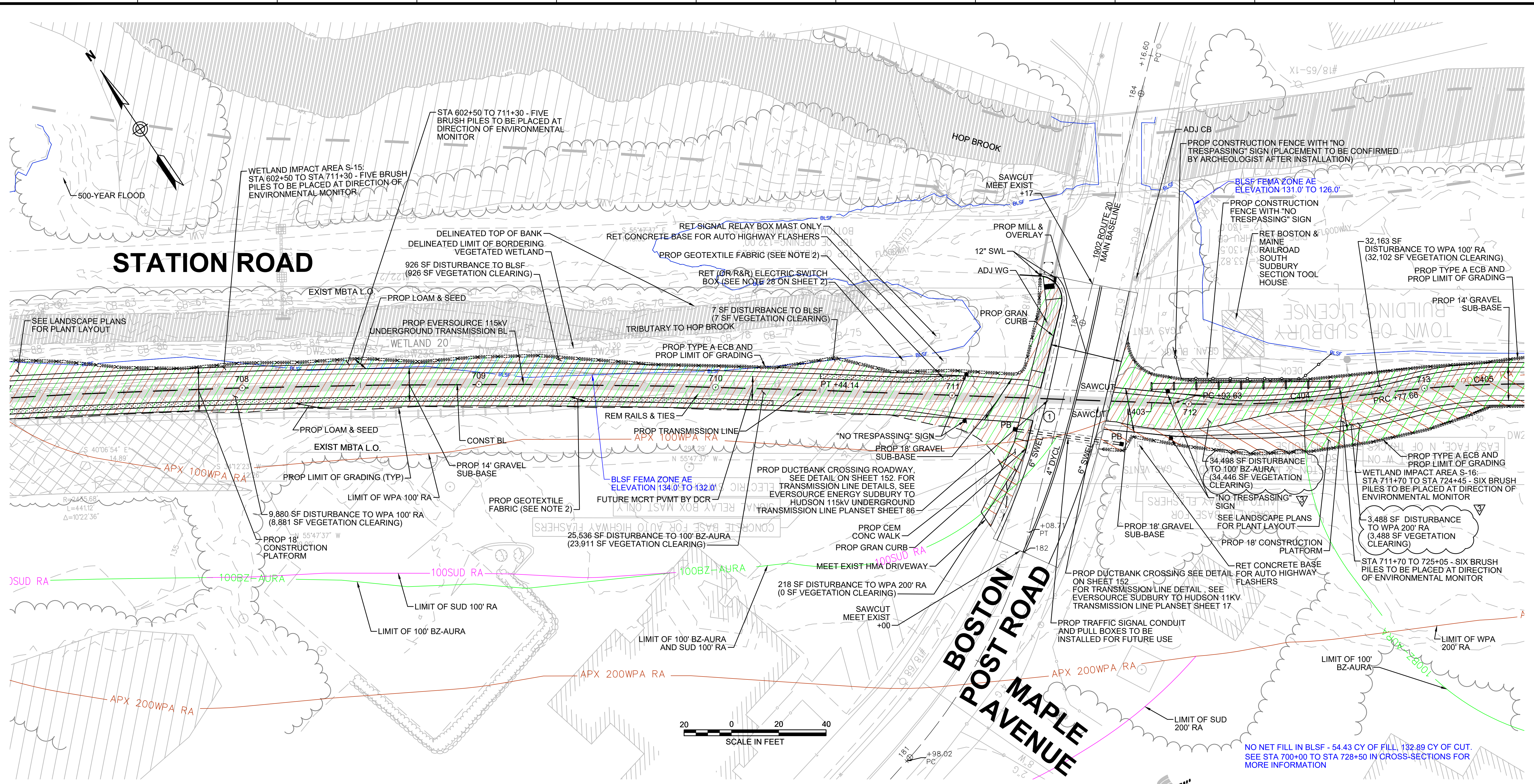
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[Hatched pattern]	LIMIT OF GRADING



N.O.	DESCRIPTION	BY	DATE	APPR.
3	PATH REALIGNMENT 710+50 TO 713+50		08/19/2022	

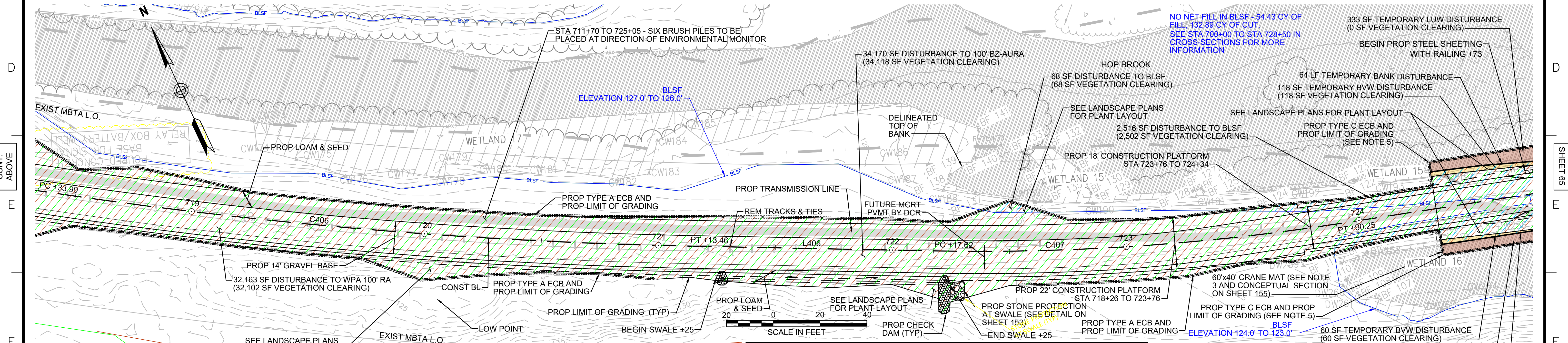
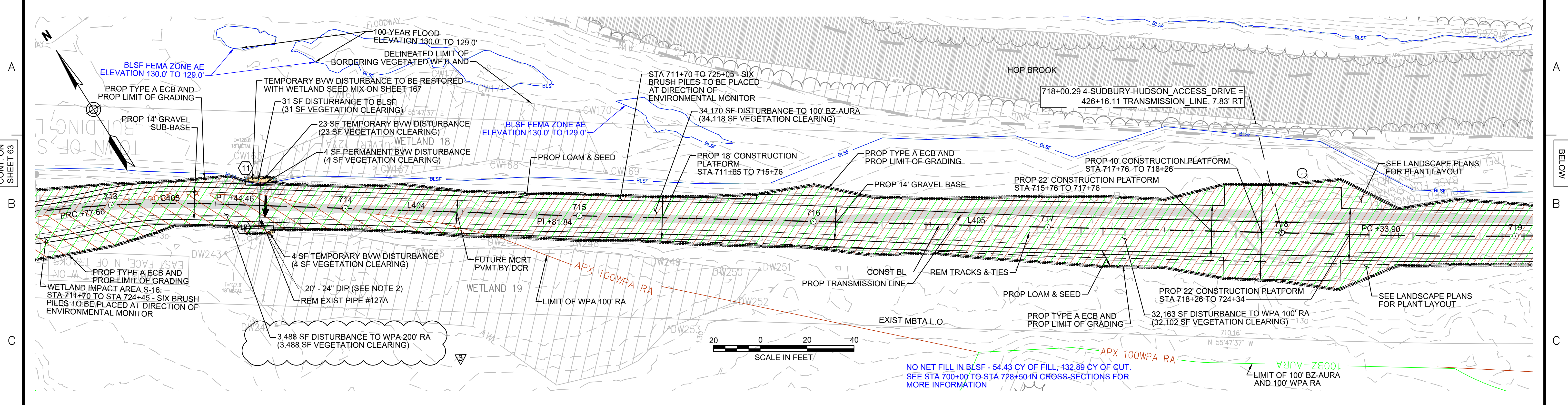
EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 CONSTRUCTION PLANS

PLAN 63 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MS	DRAWING NO.	REV.
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ENVIRONMENTAL IMPACTS LEGEND

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[Hatched Pattern]	EXISTING TREE LINE
[Hatched Pattern]	LIMIT OF GRADING

DRAINAGE STRUCTURE TABLE

NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
11	Concrete Headwall	713+63, 10.0' LT		128.81'		18" REVEAL
12	Concrete Headwall	713+63, 10.0' RT		128.55'		18" REVEAL

NOTES:

- WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
- TRANSMISSION LINE TO RUN UNDERNEATH DRAINAGE PIPE.
- MAXIMUM CRANE PAD DIMENSIONS OF 40'x40' ARE ALLOWED AT ANY GIVEN TIME. A LONGER CRANE MAT FOOTPRINT IS SHOWN HERE TO ALLOW THE CRANE MAT LOCATION TO BE SHIFTED DURING CONSTRUCTION OF THE STEEL SHEETING AND BRIDGE.
- CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
- TYPE C ECB SHALL CONSIST OF EITHER STAKED 4' HIGH SILT FENCE OR BOTTOM-ANCHORED TURBIDITY CURTAIN DEPENDING ON WATER LEVELS AT THE TIME OF CONSTRUCTION. THE APPROPRIATE ECB SHALL BE INSTALLED AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR.

vhb Vanasse Hangen Brustlin, Inc.
101 Walnut St., PO Box 9151
Watertown, MA 02472
617-264-1770 FAX 617-264-2286

NO.	DESCRIPTION	BY	DATE	APPR.
3	PATH REALIGNMENT 710+50 TO 713+50		08/19/2022	

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
CONSTRUCTION PLANS

PLAN 64 OF 349

SCALE:	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.	REV.
1"=20'	DEC 2021	MS	SK	MS		

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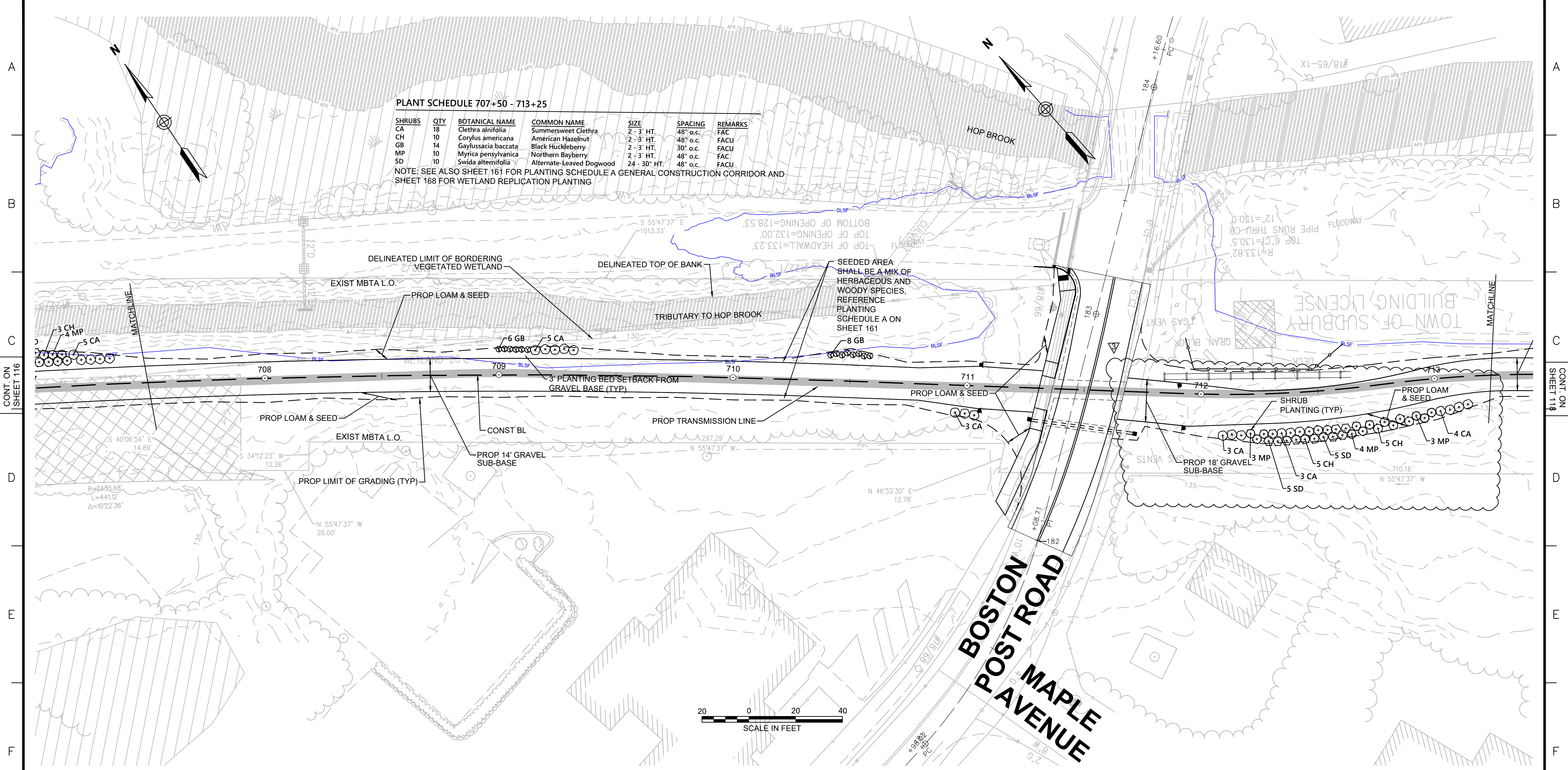
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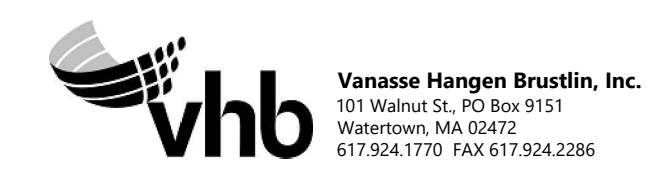
PLANT SCHEDULE 707+50 - 713+25

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	18	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	10	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	14	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	10	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	10	Swida altemifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTES:
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3		PATH REALIGNMENT 710+50 TO 713+50		08/19/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 117 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO. REV.

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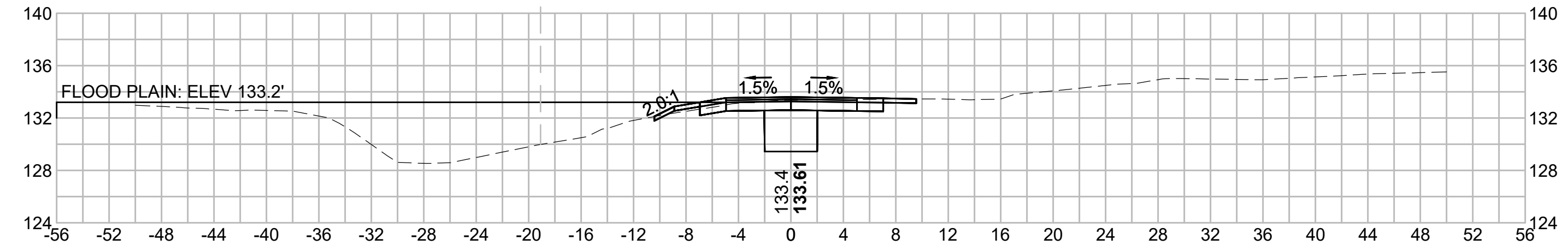
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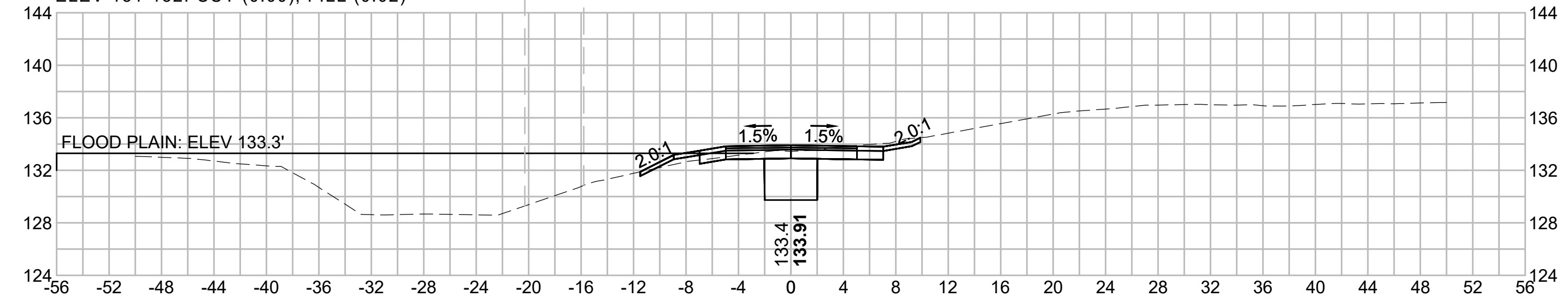
FLOOD PLAIN
ELEV 133-133.2: CUT (0.00), FILL (0.68)
ELEV 132-133: CUT (0.00), FILL (1.65)

709+50



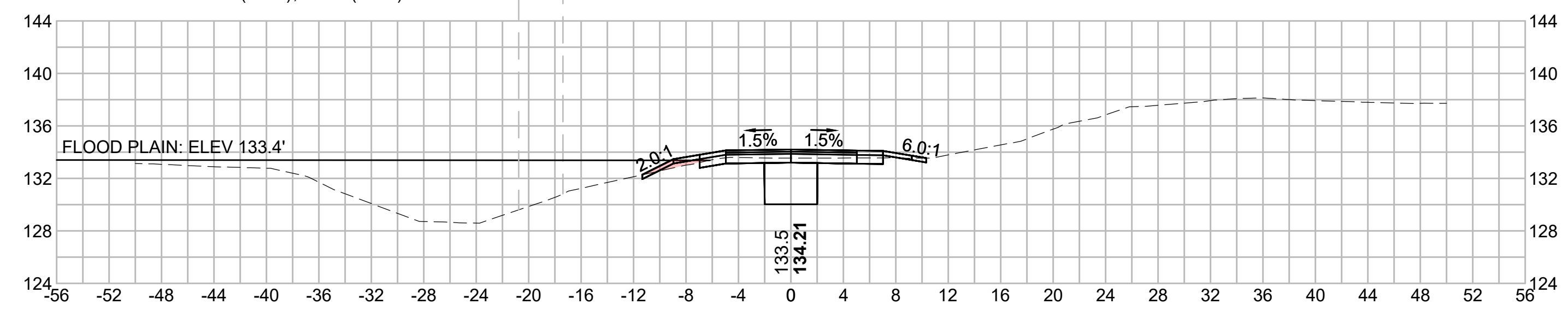
FLOOD PLAIN
ELEV 133-133.3: CUT (0.00), FILL (1.47)
ELEV 132-133: CUT (0.00), FILL (1.85)
ELEV 131-132: CUT (0.00), FILL (0.02)

709+00



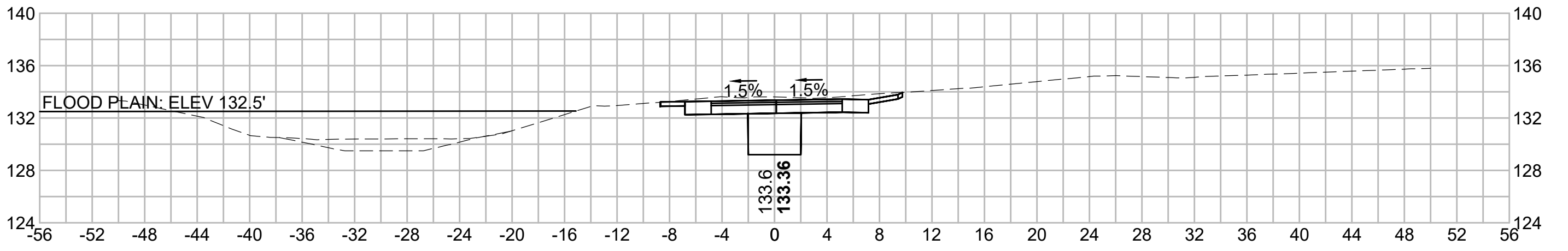
FLOOD PLAIN
ELEV 133-133.6: CUT (0.00), FILL (0.96)
ELEV 132-133: CUT (0.00), FILL (0.68)

708+50



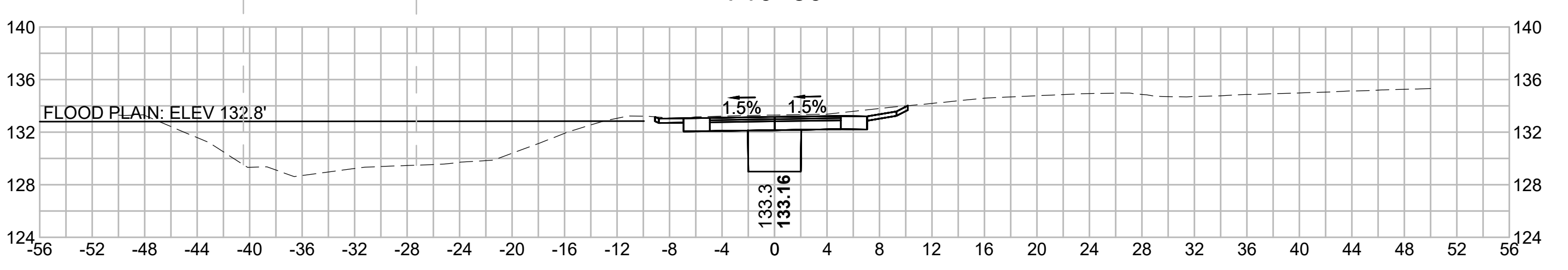
FLOOD PLAIN
NO IMPACTS
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710+75



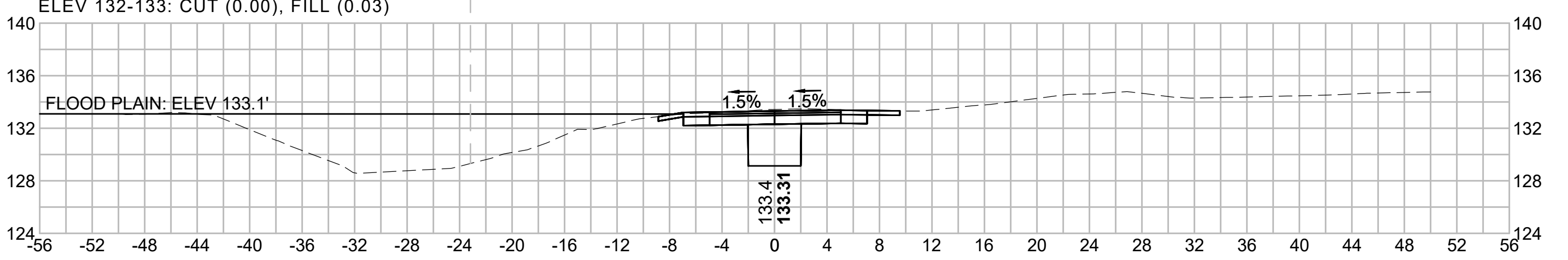
FLOOD PLAIN
ELEV 132-132.8: CUT (0.44), FILL (0.00)

710+50



FLOOD PLAIN
ELEV 133-133.1: CUT (0.00), FILL (0.04)
ELEV 132-133: CUT (0.00), FILL (0.03)

710+00



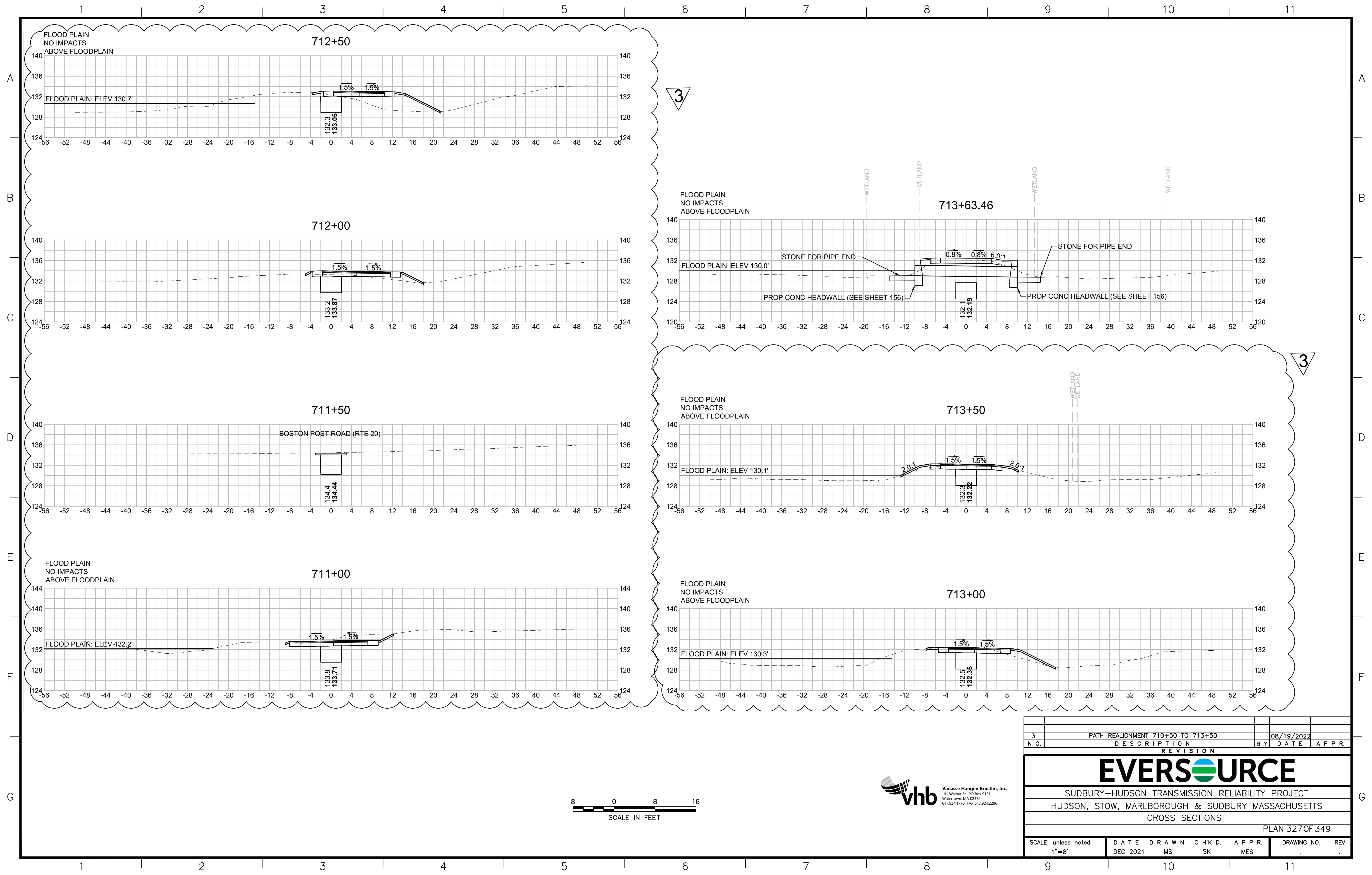
3	PATH REALIGNMENT 710+50 TO 713+50	08/19/2022	
N O.	DESCRIPTION	BY	DATE
	REVISION		APPR.

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
CROSS SECTIONS

PLAN 326 OF 349

SCALE: unless noted 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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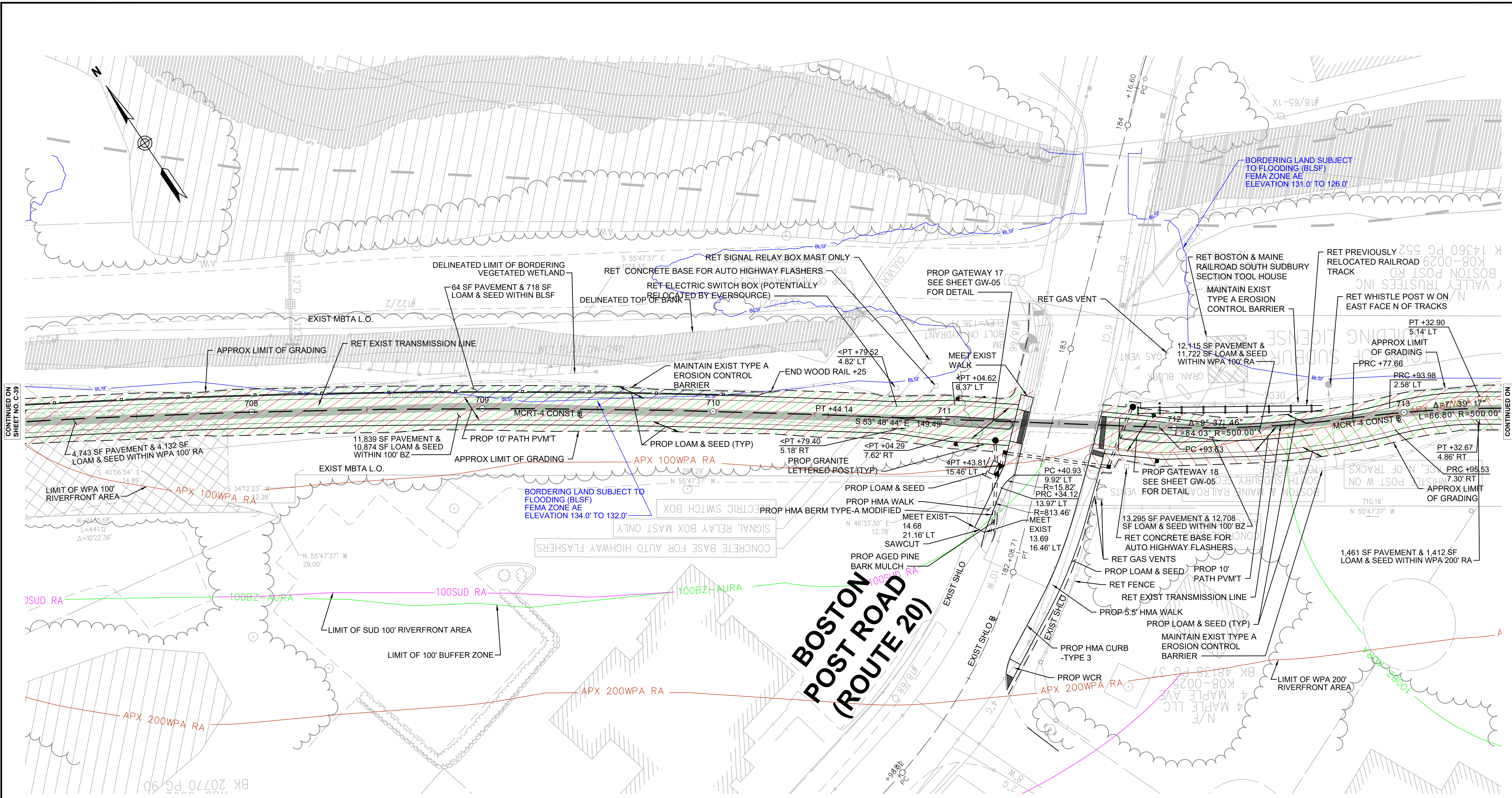


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3		PATH REALIGNMENT 710+50 TO 713+50		08/19/2022	
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REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CROSS SECTIONS					
PLAN 327 OF 349					
SCALE: unless noted 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.





CONTINUED ON SHEET NO. C-39

CONTINUED ON SHEET NO. C-41



NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).

ENVIRONMENTAL IMPACTS LEGEND		DESCRIPTION	
HATCH	DESCRIPTION	HATCH	DESCRIPTION
[Hatched pattern]	ISOLATED VEGETATED WETLAND	[Hatched pattern]	DISTURBANCE TO WPA 200' RIVERFRONT AREA (WPA 200' RA)
[Hatched pattern]	BORDERING VEGETATED WETLAND	[Hatched pattern]	DISTURBANCE TO SUDBURY 200' RIVERFRONT AREA (SUD 200' RA)
[Hatched pattern]	LAND UNDER WATER	[Hatched pattern]	DISTURBANCE TO WPA 100' RIVERFRONT AREA (WPA 100' RA)
[Hatched pattern]	VERNAL POOL	[Hatched pattern]	DISTURBANCE TO SUDBURY 100' RIVERFRONT AREA (SUD 100' RA)
[Hatched pattern]	PERMANENT DISTURBANCE TO VEGETATED WETLAND	[Hatched pattern]	DISTURBANCE TO 100' BUFFER ZONE (100' BZ-AURA)
[Hatched pattern]	DISTURBANCE TO 100' VERNAL POOL BUFFER ZONE (100' VP BZ)	[Hatched pattern]	DISTURBANCE TO BLSF
[Hatched pattern]		[Hatched pattern]	EXISTING TREE LINE
		[Hatched pattern]	LIMIT OF GRADING

REV.	DATE	DESCRIPTION	BY



**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CONSERVATION AND RECREATION
DIVISION OF PLANNING AND ENGINEERING**

MASS CENTRAL RAIL TRAIL - WAYSIDE

**MASS CENTRAL RAIL TRAIL
HUDSON, STOW, MARLBOROUGH & SUDBURY, MA**

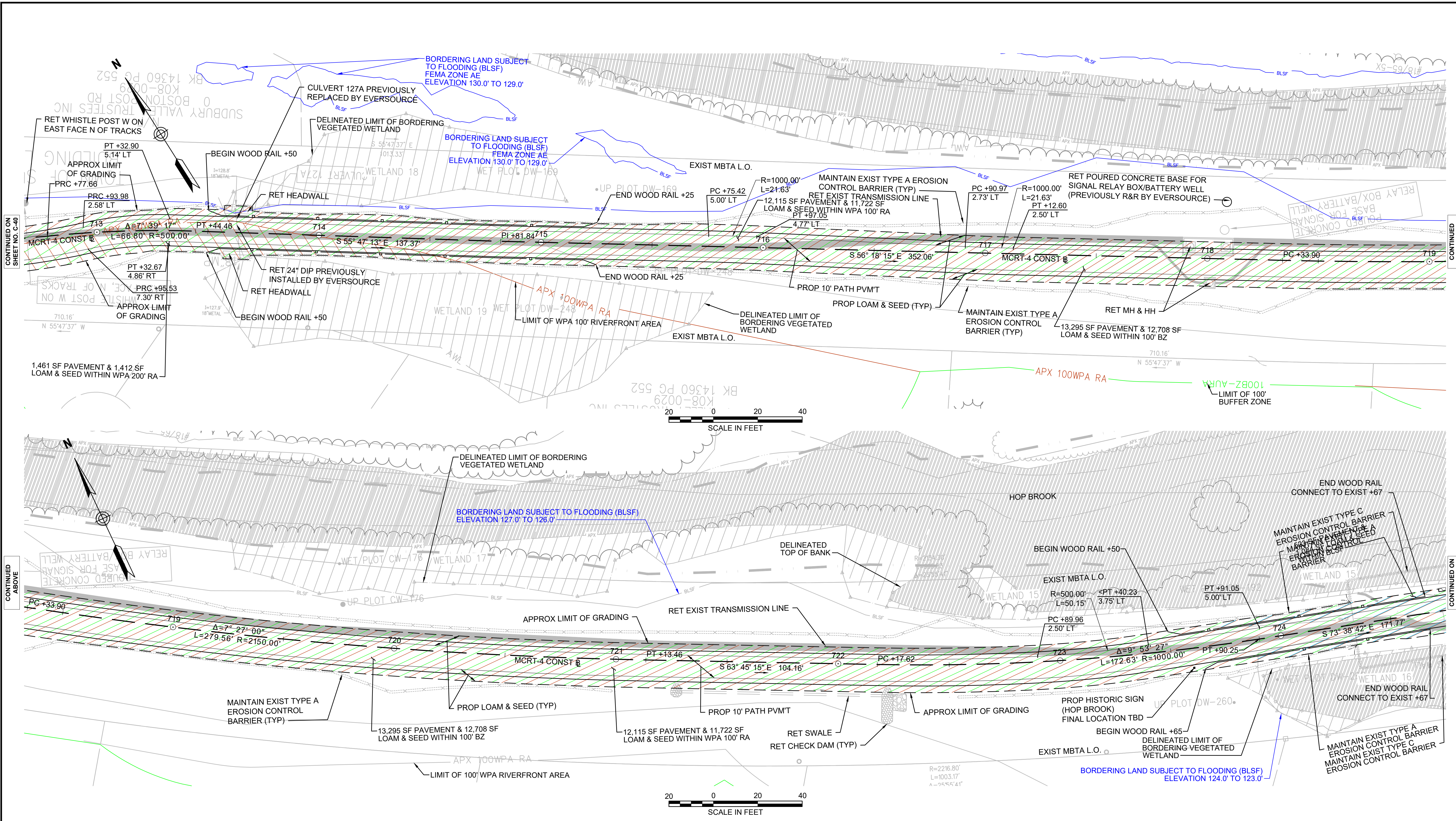
CONSTRUCTION PLANS

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ACC: XXXXXXXX

SCALE: 1" = 20'-0"
DATE: FEB 2021

SHEET NO. **C-40**
40 OF 46



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).

ENVIRONMENTAL IMPACTS LEGEND		DESCRIPTION	
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		[Hatched Box]	LIMIT OF GRADING

REV.	DATE	DESCRIPTION	BY



**COMMONWEALTH OF MASSACHUSETTS
 DEPARTMENT OF CONSERVATION AND RECREATION
 DIVISION OF PLANNING AND ENGINEERING**

MASS CENTRAL RAIL TRAIL - WAYSIDE

**MASS CENTRAL RAIL TRAIL
 HUDSON, STOW, MARLBOROUGH & SUDBURY, MA**

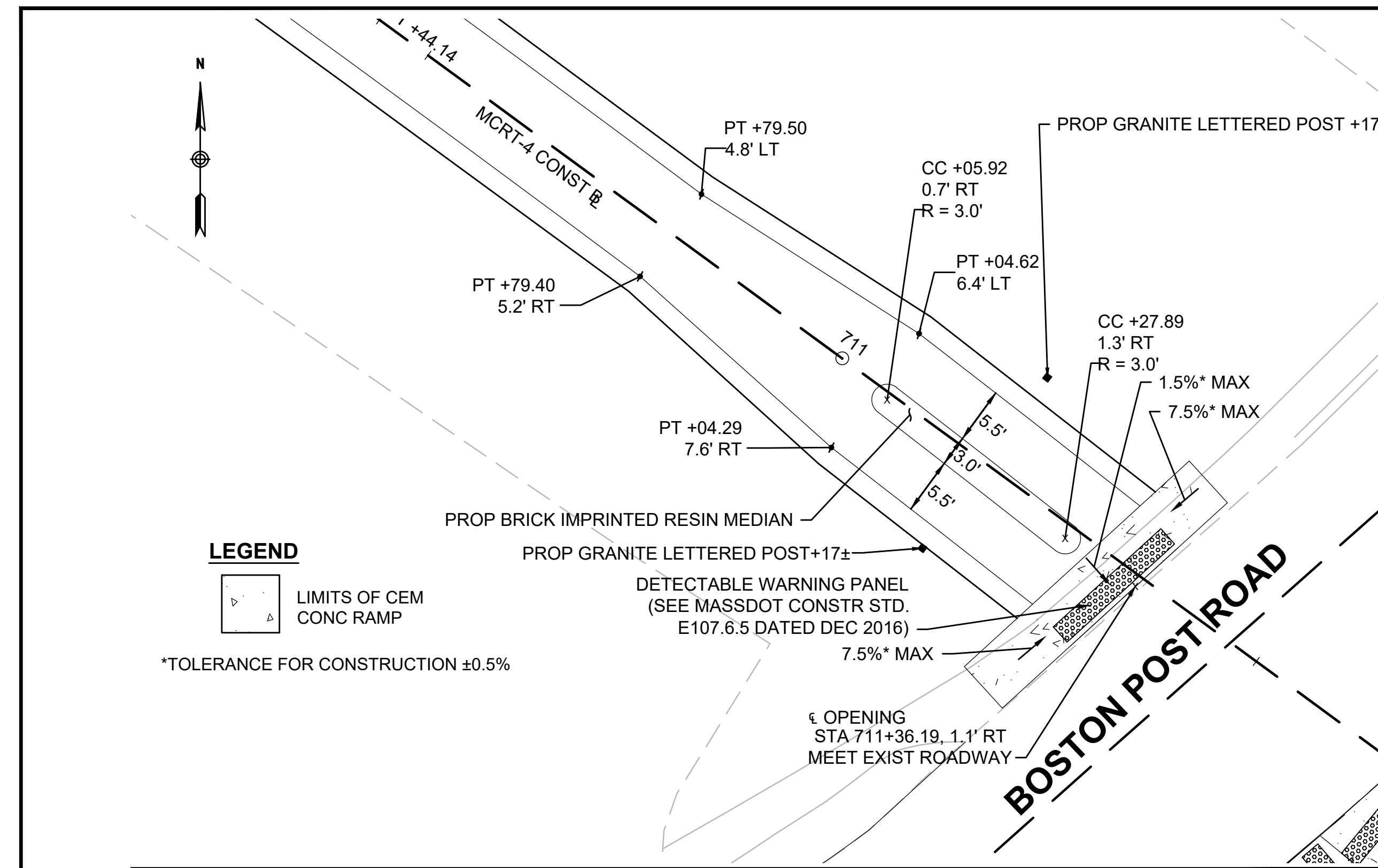
CONSTRUCTION PLANS

DESIGNER: JCR
 CHECKED: SHK
 DRAWN: JCR
 CHECKED: TAL

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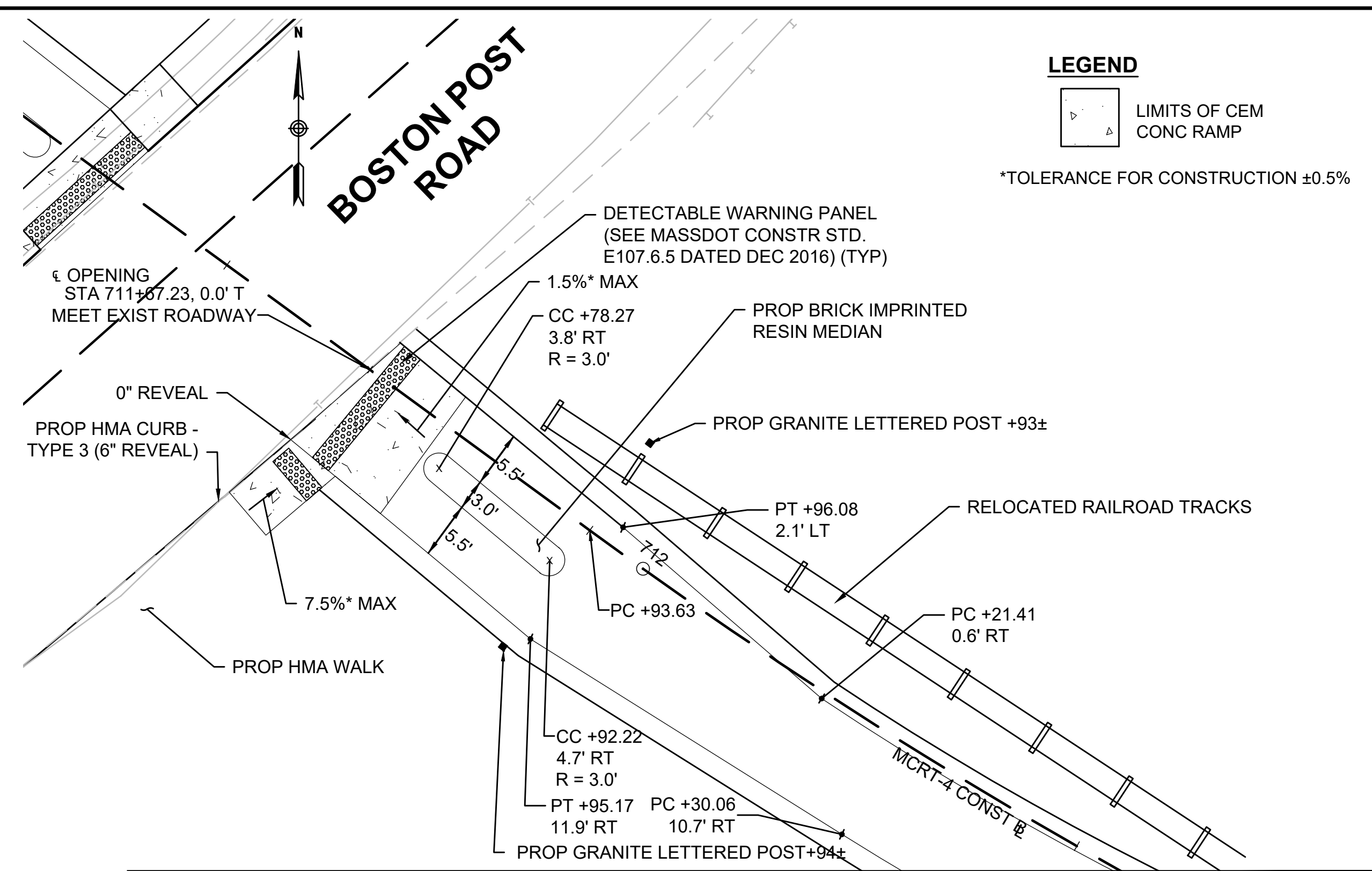
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 DATE: FEB 2021

SHEET NO. **C-41**
 41 OF 46



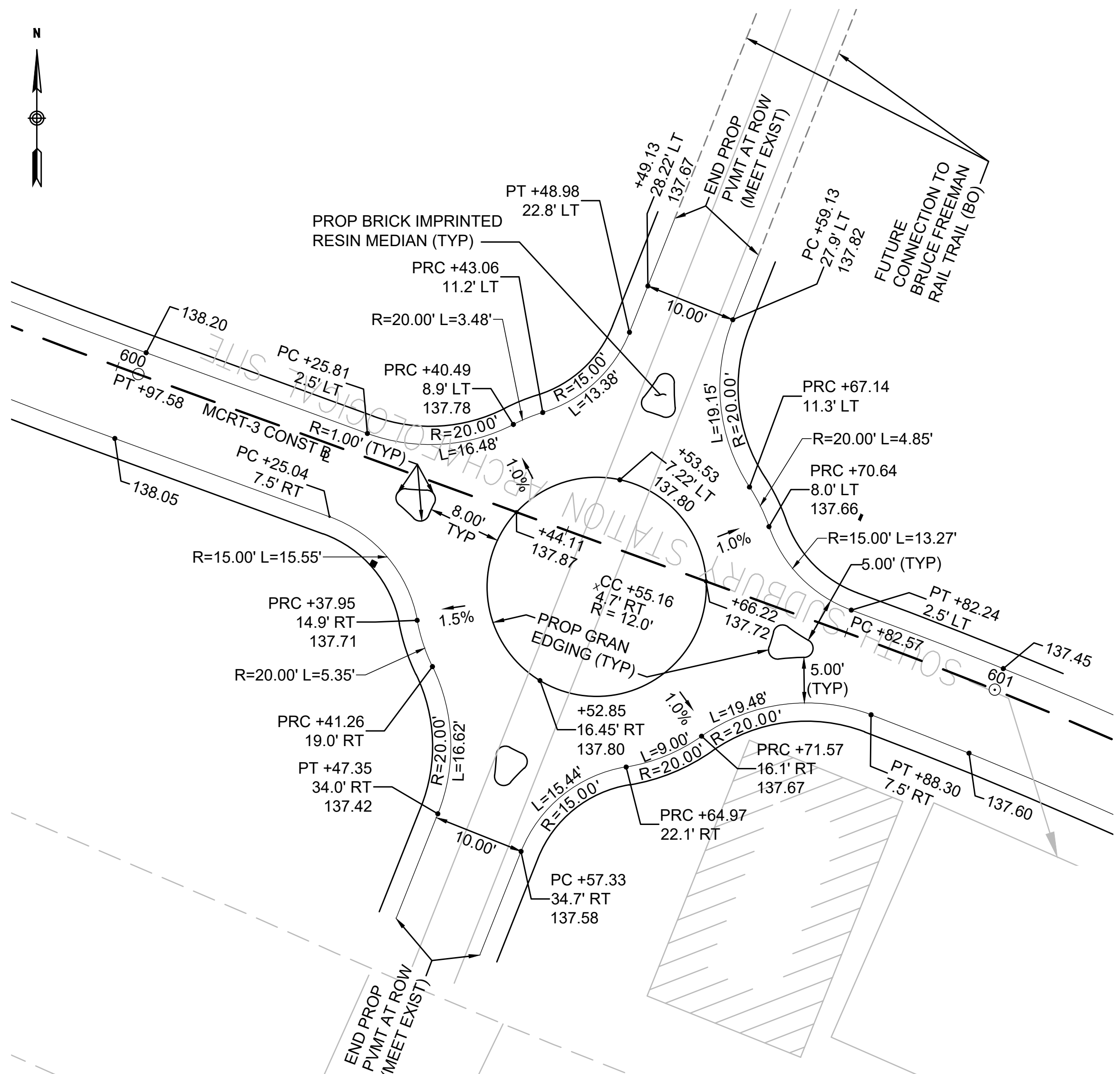
GATEWAY 17 - BOSTON POST ROAD (WEST)

SCALE: 1" = 10'



GATEWAY 18 - BOSTON POST ROAD (EAST)

SCALE: 1" = 10'



ROUNDAABOUT

SCALE: 1" = 10'

REV.	DATE	DESCRIPTION	BY

vhb
 Transportation Land Development
 Environmental Services
 101 Walnut St., P.O. Box 9151
 Watertown, MA 02472
 617 924 1770 FAX 617 924 2286

COMMONWEALTH OF MASSACHUSETTS
 DEPARTMENT OF CONSERVATION AND RECREATION
 DIVISION OF PLANNING AND ENGINEERING

MASS CENTRAL RAIL TRAIL - WAYSIDE
 MASS CENTRAL RAIL TRAIL
 HUDSON, STOW, MARLBOROUGH & SUDBURY, MA

GATEWAY DETAILS

DESIGNER: JCR	SHEET NO.
CHECKED: SHK	GW-05
DRAWN: JCR	SCALE: 1" = 20'-0"
CHECKED: TAL	DATE: FEB 2021
CONT: P19-3295-D1A	5 OF 5
ACC: XXXXXXXX	