



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

MASS CENTRAL RAIL TRAIL
IN THE TOWNS OF HUDSON, STOW, MARLBOROUGH & SUDBURY
MASSACHUSETTS
MIDDLESEX COUNTY

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

DCR CONTRACT NO. P19-3295-D1A

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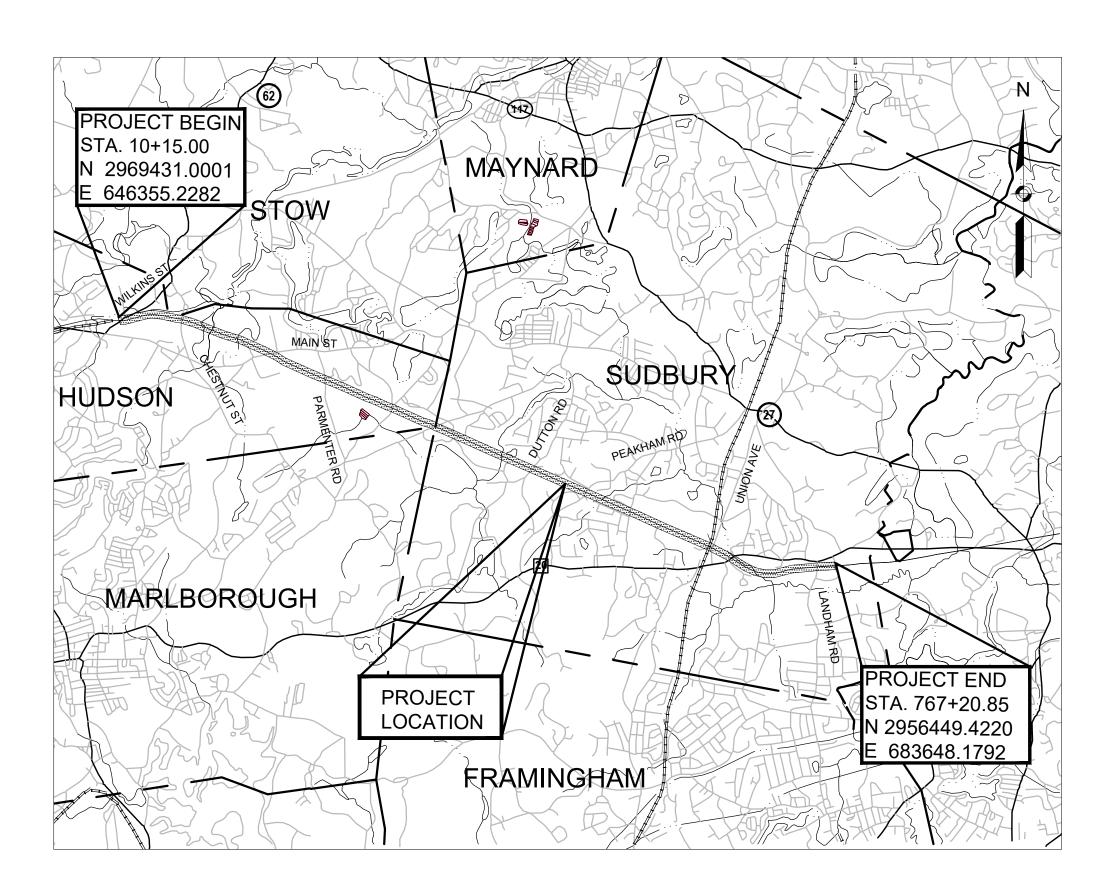
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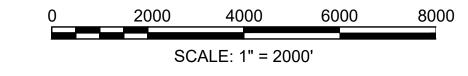
(NOT INCLUDED)



CHARLES D. BAKER, GOVERNOR KARYN E. POLITO, LT. GOVERNOR

KATHLEEN A. THEOHARIDES, SECRETARY
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS

JIM MONTGOMERY, INTERIM COMMISSIONER DEPARTMENT OF CONSERVATION & RECREATION



LENGTH OF PROJECT = 40,410.06 FEET = 7.653 MILES

SUDBURY STORMWATER PERMIT PLANS NOT APPROVED FOR CONSTRUCTION

ORIGINALLY SUBMITTED JULY 13, 2020 REVISED JOCTOBER 21, 2020 REVISED DECEMBER 2, 2020 REVISED JANUARY 13, 2021



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

BY	MASS CENTRAL RAIL TRAIL - WAYSIDE			
	HUDS	MASS CENTRAL R ON, STOW, MARLBORO		RY, MA
	DESIGNER:JCR CHECKED:SHK	TITLE SHEET 8	INDEX	SHEET NO.
	DRAWN: JCR CHECKED: TAL	CONT. P19-3295-D1A ACC. XXXXXXX	SCALE: AS NOTED DATE: JAN 2021	G-01

GENERAL SYMBOLS				
-			— ABBREV	IATIONS
EXISTING	PROPOSED	DESCRIPTION	GENERAL	
☐ JB	JB	JERSEY BARRIER	AADT	ANNUAL AVERAGE DAILY TRAFFIC
⊞ ⊕ ⊕ СВ	■ CB	CATCH BASIN	ABAN	ABANDON
<u>_</u> □_ ⊗ FP	● FP	CATCH BASIN CURB INLET FLAG POLE	ADJ	ADJUST
♥ FP © GP	₩ FF ☐ GP	GAS PUMP	APPROX.	APPROXIMATE
□ MB	□ MB	MAIL BOX	A.C. ACCM PIPE	ASPHALT CONCRETE ASPHALT COATED CORRUGATED METAL PIPE
		POST SQUARE	BIT.	BITUMINOUS
0	0	POST CIRCULAR	BC	BOTTOM OF CURB
⊕ WELL	⊕ WELL	WELL	BD.	BOUND
□ EHH O	□ EHH O	ELECTRIC HANDHOLE FENCE GATE POST	BL	BASELINE
o GG	o GG	GAS GATE	BLDG	BUILDING
⊕ BHL #	BHL#	BORING HOLE	BM BO	BENCHMARK BY OTHERS
→ MW #	ф мw#	MONITORING WELL	BOS	BOTTOM OF SLOPE
■ TP #	■ TP#	TEST PIT	BR.	BRIDGE
P	ф V	HYDRANT	СВ	CATCH BASIN
* = CP = CP /DU	*	LIGHT POLE CONCRETE BOUND/DRILL HOLE	CBCI	CATCH BASIN WITH CURB INLET
■CB ■CB/DH		GPS POINT	CC CCM	CEMENT CONCRETE CEMENT CONCRETE MASONRY
©	©	CABLE MANHOLE	CEM	CEMENT
(D)	(b)	DRAINAGE MANHOLE	CI	CURB INLET
E	E	ELECTRIC MANHOLE	CIP	CAST IRON PIPE
<u>©</u>	©	GAS MANHOLE	CLF	CHAIN LINK FENCE
M	W	MISC MANHOLE	CL	CENTERLINE CORPLICATED METAL DIPE
(S) (T)	(S)	SEWER MANHOLE TELEPHONE MANHOLE	CMP CSP	CORRUGATED METAL PIPE CORRUGATED STEEL PIPE
W	₩ ₩	WATER MANHOLE	CO.	COUNTY
■ MHB	■ MHB	MASSACHUSETTS HIGHWAY BOUND	CONC	CONCRETE
- MON		MONUMENT	CONT	CONTINUOUS
□ SB		STONE BOUND	CONST	CONSTRUCTION
■ TB		TOWN OR CITY BOUND	CR GR	CROWN GRADE
Δ TDI are CLIV	• TDL - " OLIV	TRAVERSE OR TRIANGULATION STATION	DHV	DESIGN HOURLY VOLUME
⊸ TPL or GUY ∘ HTP	→ TPL or GUY	TROLLEY POLE OR GUY POLE TRANSMISSION POLE	DI DIA	DROP INLET DIAMETER
-6- UFB	- ↓ UFB	UTILITY POLE W/ FIREBOX	DIP	DUCTILE IRON PIPE
-∳- UPDL	-∳- UPDL	UTILITY POLE WITH DOUBLE LIGHT	DW	STEADY DON'T WALK - PORTLAND ORANGE
-6- ULT	-&- ULT	UTILITY POLE W / 1 LIGHT	DWY	DRIVEWAY
-∽ UPL	-∽ UPL	UTILITY POLE	ELEV (or EL.)	ELEVATION
0		BUSH	EMB	EMBANKMENT
•SIZE & TYPE O		TREE	EOP EXIST (or EX)	EDGE OF PAVEMENT EXISTING
<u> 4</u>		STUMP SWAMP / MARSH	EXC	EXCAVATION
△ WF-X-XXX		WETLAND FLAG	F&C	FRAME AND COVER
• WG	• WG		F&G	FRAME AND GRATE
o PM	• PM	PARKING METER	FDN.	FOUNDATION
		- OVERHEAD CABLE/WIRE	FLDSTN	FIELDSTONE
		- CURBING - CONTOURS (ON-THE-GROUND SURVEY DATA)	GAR GD	GARAGE GROUND
_100		- CONTOURS (ON-THE-GROUND SURVEY DATA) - CONTOURS (PHOTOGRAMMETRIC DATA)	GG	GAS GATE
12" RCP D		- UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)	GI	GUTTER INLET
——— E ———		- UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)	GIP	GALVANIZED IRON PIPE
<u>4" HP</u> G		- UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)	GRAN	GRANITE
<u>8" VCP</u> S —		- UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)	GRAV GRD	GRAVEL GUARD
T 		- UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)	HDW	HEADWALL
		- UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER) BALANCED STONE WALL	HMA	HOT MIX ASPHALT
	1 1 1	GUARD RAIL - STEEL POSTS	HOR	HORIZONTAL
		- WOOD GUARD RAIL	HYD	HYDRANT
x	x	CHAIN LINK OR METAL FENCE	INV	INVERT
		- WOOD FENCE	JCT L	JUNCTION LENGTH OF CURVE
·		↑ IREE LINE - SAWCUT LINE	LB	LEACH BASIN
		TOP OR BOTTOM OF SLOPE	LP	LIGHT POLE
		- LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY	LST	LANDSCAPE TIMBER
		BANK OF RIVER OR STREAM	LT	LEFT
		BORDER OF WETLAND	MAX MB	MAXIMUM MAIL BOX
100°BZ		100 FT WETLAND BUFFER	мн мн	MAILBOX MANHOLE
		200 FT RIVERFRONT AREA BUFFER	MHB	MASSACHUSETTS HIGHWAY BOUND
——————————————————————————————————————		APPROX 200 FT RIVERFRONT BUFFER 100 FT RIVERFRONT AREA BUFFER	MIN	MINIMUM
APX 100'RA		APPROX 100 FT RIVERFRONT AREA BUFFER	NIC	NOT IN CONTRACT
AURA.		AURA BUFFER	NO.	NUMBER
100BZ-AURA		100 FT AURA BUFFER	PC PCC	POINT OF CURVATURE POINT OF COMPOUND CURVATURE
		100 FT VERNAL POOL AREA BUFFER	P.G.L.	PROFILE GRADE LINE
·		- STATE HIGHWAY LAYOUT/STATE OWNED LAND	P.G.L. Pl	POINT OF INTERSECTION
		– TOWN OR CITY LAYOUT – COUNTY LAYOUT	POC	POINT ON CURVE
		- COUNTY LAYOUT - RAILROAD SIDELINE	POT	POINT ON TANGENT
		TOWN OR CITY BOUNDARY LINE	PRC	POINT OF REVERSE CURVATURE
P		PROPERTY LINE OR APPROXIMATE PROPERTY LINE	PROJ	PROJECT

PROPERTY LINE OR APPROXIMATE PROPERTY LINE

TRAVERSE OR TRIANGULATION STATION

SE BENCH W/ CONCRETE PAD

— — — — — EASEMENT

· EROSION CONTROL BARRIER

CHECK DAM

PROPOSED

PAVEMENT

PROP

PT

PVI

PVT

PVMT

PLANTABLE SOIL BORROW

POINT OF TANGENCY

POINT OF VERTICAL CURVATURE

POINT OF VERTICAL TANGENCY

POINT OF VERTICAL INTERSECTION

OFNED (VIATIONS (cont.)
GENERAL	=
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
Т	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TMA	TELEPHONE MAST ARM
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WCR	WHEEL CHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
	SL	STOP LINE
	cw	CROSSWALK
	SWL	SOLID WHITE LINE
	SYL	SOLID YELLOW LINE
	BWL	BROKEN WHITE LINE
	BYL	BROKEN YELLOW LINE
	<u>DWL</u>	DOTTED WHITE LINE
	<u>DYL</u>	DOTTED YELLOW LINE
	DWLEx	DOTTED WHITE LINE EXTENSION
	DYLEx	DOTTED YELLOW LINE EXTENSION
	DBWL	DOUBLE WHITE LINE
	DBYL	DOUBLE YELLOW LINE

GENERAL NOTES:

- 1. THE PROPERTY LINES SHOWN ON THIS PLAN OF THE PARCELS AT 44 FOREST AVENUE IN HUDSON, 163 BOSTON POST ROAD IN SUDBURY AND THE FORMER RAILROAD RIGHT-OF-WAY ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN 2015 AND FROM DEEDS AND PLANS OF RECORD.
- 2. THE EXISTING CONDITIONS SHOWN ON THIS PLAN WERE DEVELOPED FROM A COMBINED EFFORT OF AERIAL PHOTOGRAMMETRIC MAPPING BY EASTERN TOPOGRAPHICS, INC., BASED ON AERIAL PHOTOGRAPHS TAKEN ON FEBRUARY 22, 2013, AND AUGMENTED BY AN ON-THE-GROUND SURVEY PERFORMED BY VHB DURING 2015 AND 2017.
- 3. THE HORIZONTAL CONTROL IS BASED ON THE MASSACHUSETTS MAINLAND STATE PLANE COORDINATE SYSTEM AND THE NATIONAL GEODETIC SURVEY (NAD83). ALL ELEVATION IS US FEET, REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88).
- 4. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND GRADES IN THE FIELD BEFORE COMMENCING WORK AND PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- 3. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 4. THE DELINEATED WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY THE VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY THE VHB SURVEY DEPARTMENT IN SEPTEMBER AND OCTOBER 2017 AND WERE UPDATED IN MAY 2018 (SUDBURY ONLY). IN HUDSON, ADDITIONAL WETLANDS WERE DELINEATED AND SURVEYED BY VHB IN JANUARY 2019.
- 5. THE APPROXIMATE WETLANDS AND STREAMS, AND THEIR ASSOCIATED BUFFERS AND RIVERFRONT AREAS, WHERE APPLICABLE, WERE TAKEN FROM AVAILABLE MASSGIS DATA. THESE WERE NOT FIELD DELINEATED OR FIELD VERIFIED.
- 6. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- 7. THE CONTRACTOR SHALL ALTER THE MASONRY OF THE TOP SECTION OF ALL EXISTING DRAINAGE AND SEWER STRUCTURES AS NECESSARY FOR CHANGES IN GRADE, AND RESET ALL WATER AND DRAINAGE FRAMES, GRATES AND BOXES TO THE PROPOSED FINISH SURFACE GRADE. REQUIRED NEW MASONRY SHALL BE CLAY BRICK.
- 8. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 9. EXISTING UTILITY POLES WILL BE RELOCATED BY OTHERS IF REQUIRED.
- 10. TREES AND SHRUBS WITHIN THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON APPROVAL OF THE ENGINEER.
- 11. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- 12. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
- 13. JOINTS BETWEEN NEW ASPHALT CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDED.
- 14. EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- 15. IF SUITABLE, ALL EXISTING GRANITE CURB & EDGING SHALL BE RE-USED IN THE PROPOSED WORK, EXCEPT CURVED STONES OF A DIFFERENT RADIUS THAN PROPOSED
- 16. ALL PROPOSED HOT MIX ASPHALT CURB SHALL BE MASSDOT TYPE 3 UNLESS STATED OTHERWISE ON THE PLANS.
- 17. ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED.
- 18. DISPOSAL OF ALL SURPLUS MATERIAL SHALL BE AS APPROVED BY THE ENGINEER AND
- 19. ALL EXISTING EROSION CONTROL BARRIER, CONSTRUCTION FENCING AND SILT SACKS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION ACTIVITIES AND REMOVED AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE.

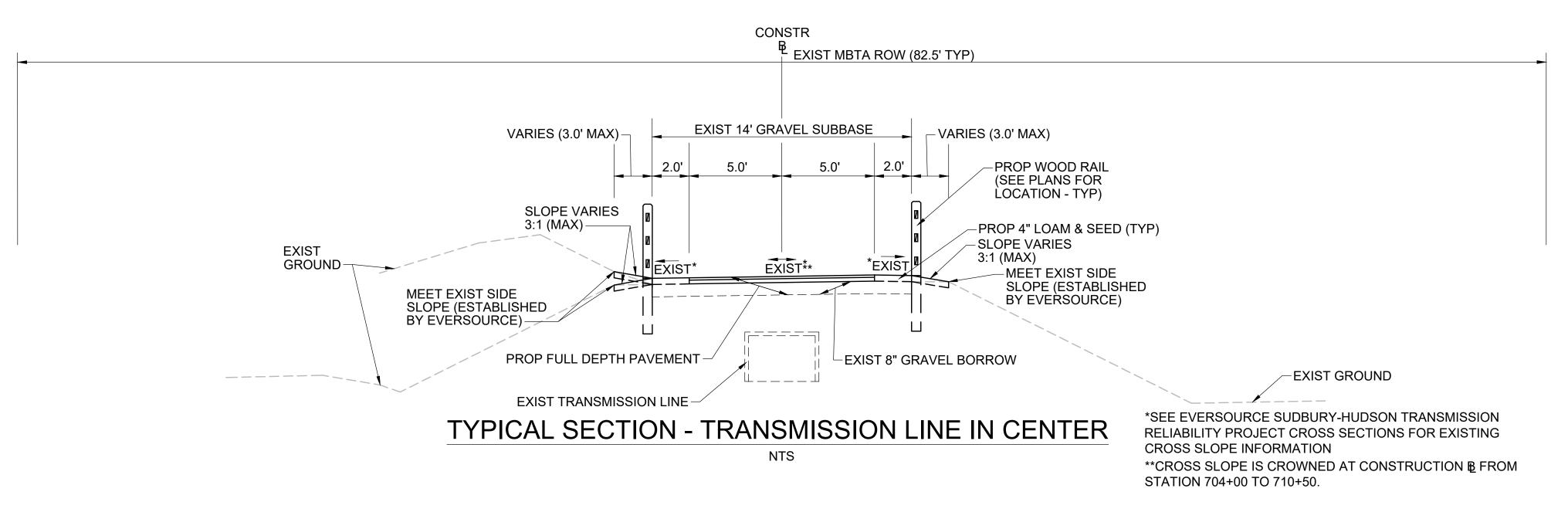


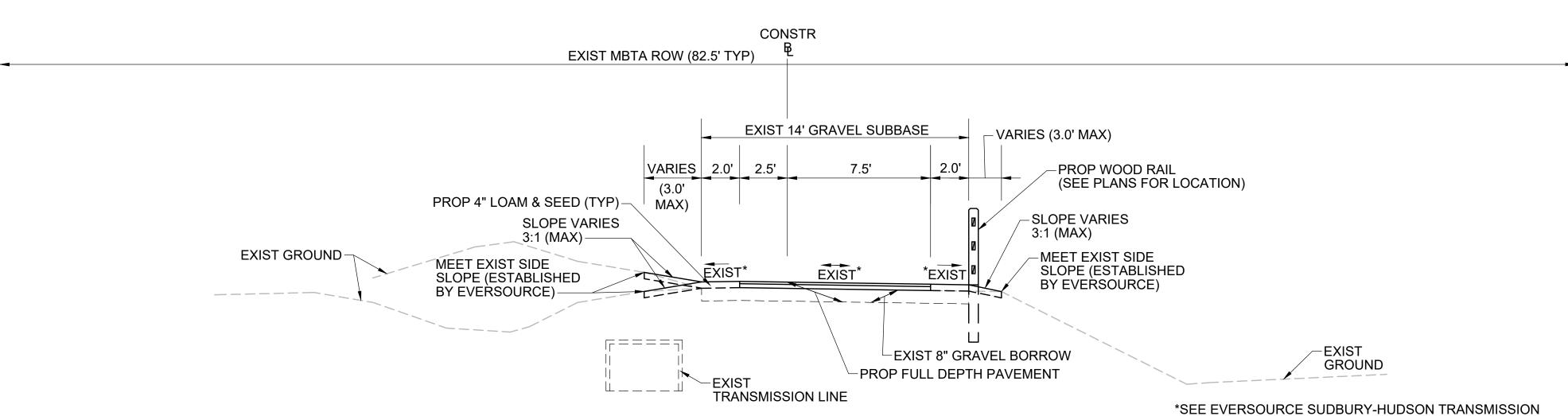
COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION **DIVISION OF PLANNING AND ENGINEERING**

MASS CENTRAL RAIL TRAIL - WAYSIDE MASS CENTRAL RAIL TRAIL HIDSON STOW MADIROPOLICH & SUDRIDY MA

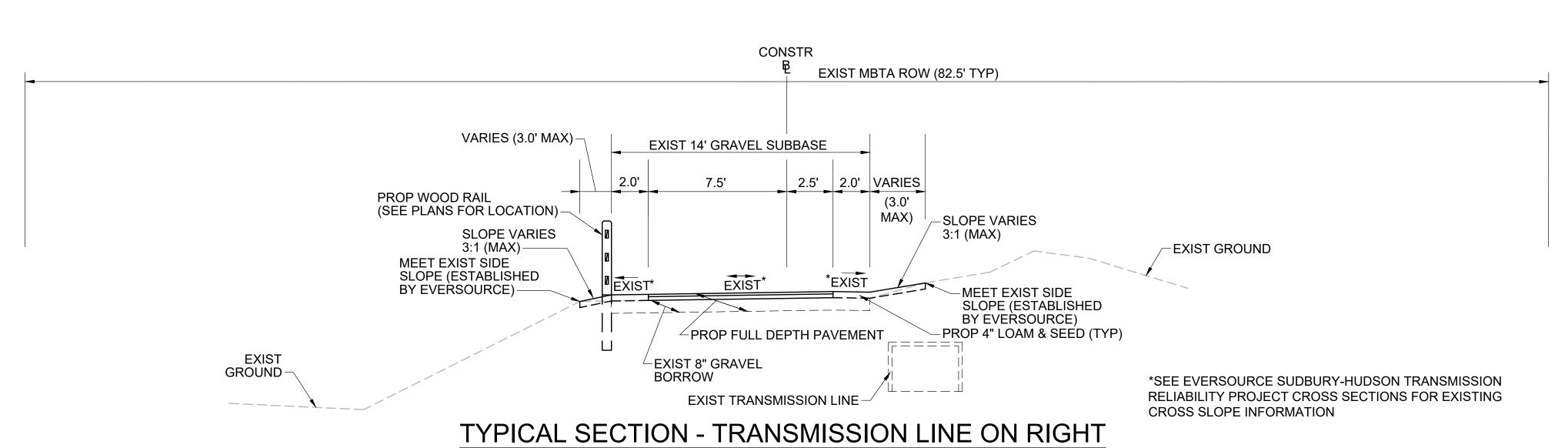
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Transportation Land Development **Environmental Services** 101 Walnut St., P.O. Box 9151 Watertown, MA 02472 617 924 1770 FAX 617 924 2286





TYPICAL SECTION - TRANSMISSION LINE ON LEFT



PAVEMENT NOTES

PROPOSED PATH PAVEMENT

SURFACE: 1.5" SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5)

INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)

SUBBASE: 8" GRAVEL BORROW, TYPE b

FROM STA 100+00± TO STA 767+20± EXIST GRAVEL FROM EVERSOURCE ACCESS ROAD SHALL BE USED FOR SUBBASE MATERIAL.

PROPOSED CATTLE CROSSING PAVEMENT

SURFACE: 1.5" SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5) 2.5" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0) INTERMEDIATE:*

2.5" SUPERPAVE INTERMEDIATE COURSE TO BE INSTALLED AS PART OF EVERSOURCE SUDBURY-HUDSON

PROPOSED CEMENT CONCRETE WHEELCHAIR RAMP

SURFACE: 6" CEMENT CONCRETE AIR ENTRAINED 4000 PSI, 3/4", 610

TRANSMISSION LINE RELIABILITY PROJECT.

SUBBASE: 8" GRAVEL BORROW, TYPE b

EXIST GRAVEL FROM EVERSOURCE ACCESS ROAD SHALL BE USED FOR SUBBASE MATERIAL.

4" CEMENT CONCRETE

SURFACE: AIR ENTRAINED 4000 PSI, 3/4", 610

PROPOSED CEMENT CONCRETE PULL OFF/TURN AROUND

SUBBASE:

EXIST GRAVEL FROM EVERSOURCE ACCESS ROAD SHALL BE USED FOR SUBBASE MATERIAL.

8" GRAVEL BORROW, TYPE b

PROPOSED HOT MIX ASPHALT WALK

SURFACE:

1" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) 1.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)

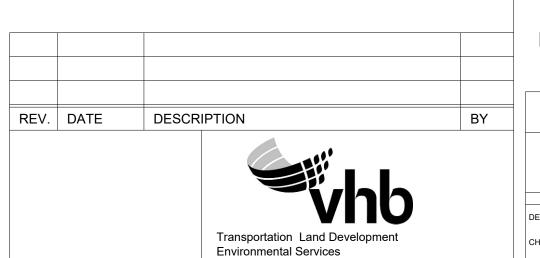
8" GRAVEL BORROW, TYPE b SUBBASE:

NOTES:

RELIABILITY PROJECT CROSS SECTIONS FOR EXISTING

CROSS SLOPE INFORMATION

- 1. ALL HOT MIX ASPHALT SHALL BE PRODUCED WITH A WARM-MIX ASPHALT ADDITIVE.
- ALL HOT MIX ASPHALT PAVEMENTS SHALL BE CONSTRUCTED AND PRODUCED IN ACCORDANCE WITH SECTION 450 HOT MIX ASPHALT PAVEMENT.
- 3. ASPHALT EMULSION FOR TACK COAT (RS-1H) SHALL BE SPRAY APPLIED FOR DOUBLE OVERLAP COVERAGE AT 0.05 GALLONS PER SQUARE YARD OVER SMOOTH SURFACES.
- 4. HMA JOINT SEALANT (ASPHALT RUBBER) SHALL BE APPLIED IN SURFACE COURSE AT ALL VERTICAL COLD JOINTS PRIOR
- 5. ALL HOT MIX ASPHALT WALKS SHALL BE MEASURED AND PAID FOR UNDER ITEM 702 OF STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.



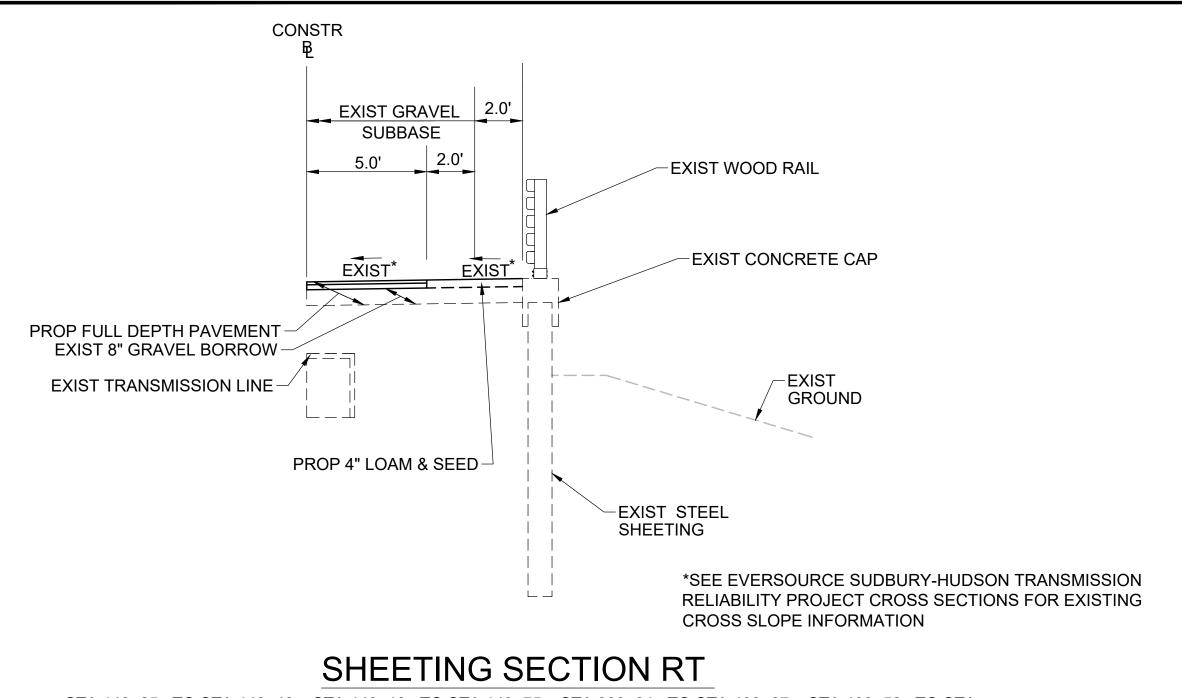
101 Walnut St., P.O. Box 9151 Watertown, MA 02472

617 924 1770 FAX 617 924 2286

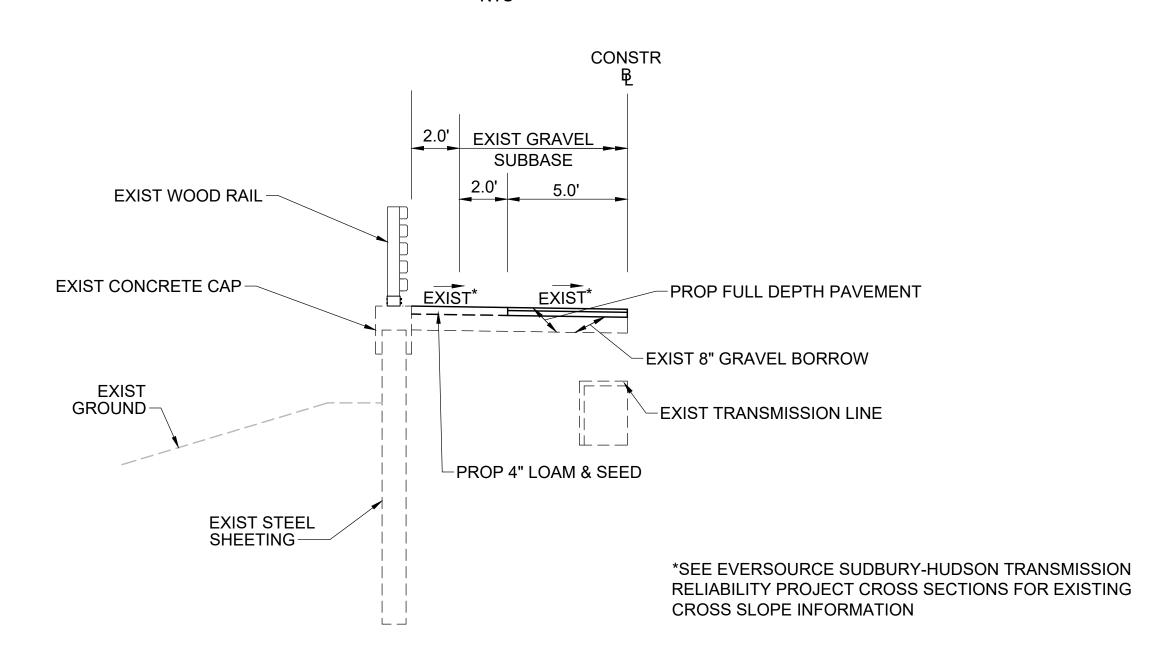
COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION **DIVISION OF PLANNING AND ENGINEERING**

MASS CENTRAL RAIL TRAIL - WAYSIDE						
MASS CENTRAL RAIL TRAIL						
HUDSON, STOW, MARLBOROUGH & SUDBURY, MA						
DESIGNER: JCR TYPICAL SECTIONS & PVMT NOTES SHEET NO.						

HUDSON, STOW, MARLBOROUGH & SUDBURY, MA				
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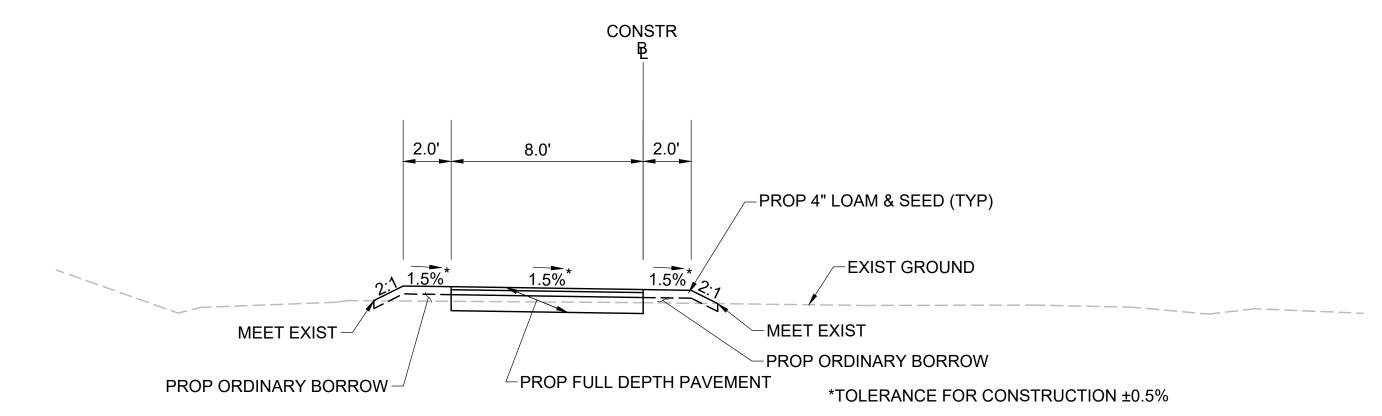


STA 148+25± TO STA 148+49±, STA 149+13± TO STA 149+75±, STA 399+91± TO STA 400+07±, STA 400+58± TO STA 401+25±, STA 724+73± TO STA 725+03±, STA 725+59± TO STA 725+96±, STA 731+00± TO STA 734+25±



SHEETING SECTION LT

STA 119+00± TO STA 119+38±, STA 119+52± TO STA 125+00±, STA 148+25± TO STA 148+49±, STA 149+13± TO STA 149+75±, STA 300+50± TO STA 400+07±, STA 400+58± TO STA 401+25±, STA 724+73± TO STA 725+03±, STA 725+59± TO STA 725+96±



TYPICAL SECTION - MCRT CONNECTION

STA 10+15± TO STA 12+40±

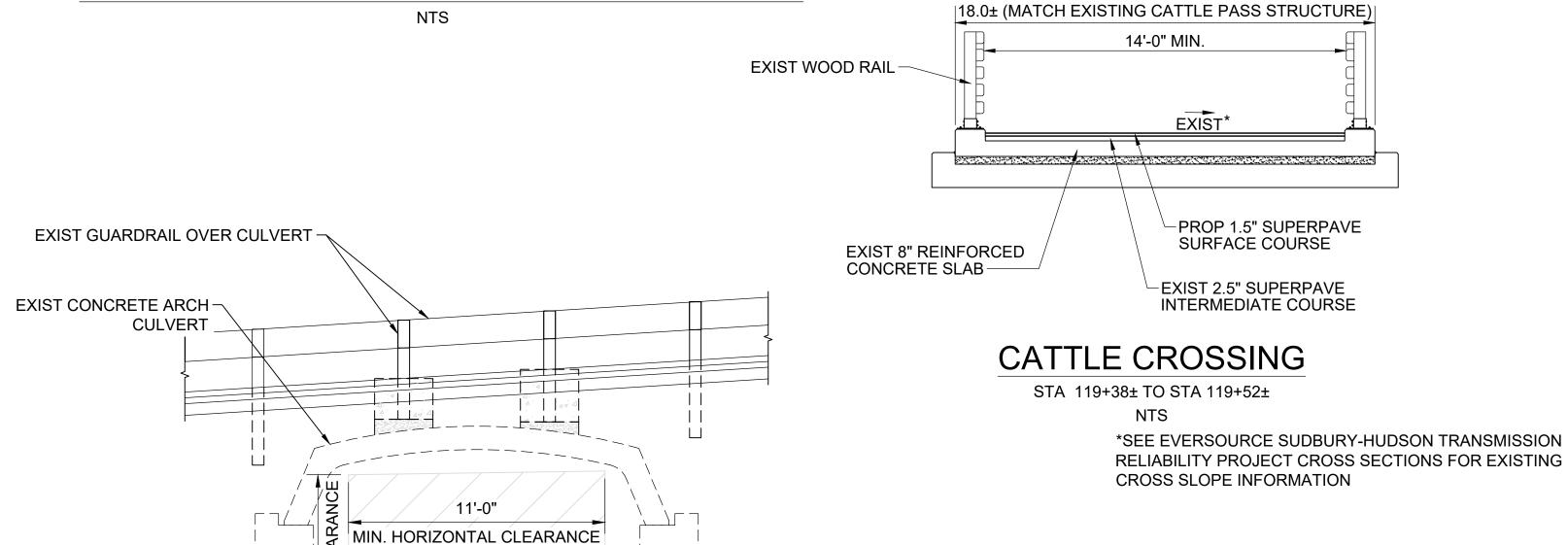
___ 1.0' LEVEL **CEM CONC** PULL OFF/TURN AROUND EXIST 8" GRAVEL BORROW-EXIST GROUND -PROP 4" LOAM & SEED (TYP) EXIST MANHOLE OR HANDHOLE

PAVEMENT NOTES

*SEE SHEET TS-01

*TOLERANCE FOR CONSTRUCTION ±0.5%

TYPICAL SECTION - PULL OFF/TURN AROUND



<u>____</u> -PROP FULL DEPTH PAVEMENT

CHESTNUT STREET CULVERT STA 132+44± TO STA 132+84±

EXIST 14' GRAVEL

ACCESS ROAD

CONSTR

EXIST*

EXIST CONCRETE -

EXIST TRANSMISSION LINE

PEDESTAL WALL & FOOTING (TYP)

> *SEE EVERSOURCE SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT CROSS SECTIONS FOR EXISTING CROSS SLOPE INFORMATION

REV. DATE DESCRIPTION

Transportation Land Development

101 Walnut St., P.O. Box 9151

617 924 1770 FAX 617 924 2286

Environmental Services

Watertown, MA 02472

EXIST 8" GRAVEL BORROW

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

BY	ľ	MASS CENTRAL RAIL TRAIL - WAYSIDE	: -
		MASS CENTRAL RAIL TRAIL	
	HUDS	ON, STOW, MARLBOROUGH & SUDBUF	₹Y, MA
	DESIGNER:JCR	TYPICAL OFOTIONIC & DVAT NOTEO	SHEET NO.
	CHECKED: SHK	TYPICAL SECTIONS & PVMT NOTES	

TS-02 SCALE: 1" = 20'-0" CONT. P19-3295-D1A ACC. XXXXXXX DATE: **JAN 2021** 2 OF 2

