

EVERSOURCE

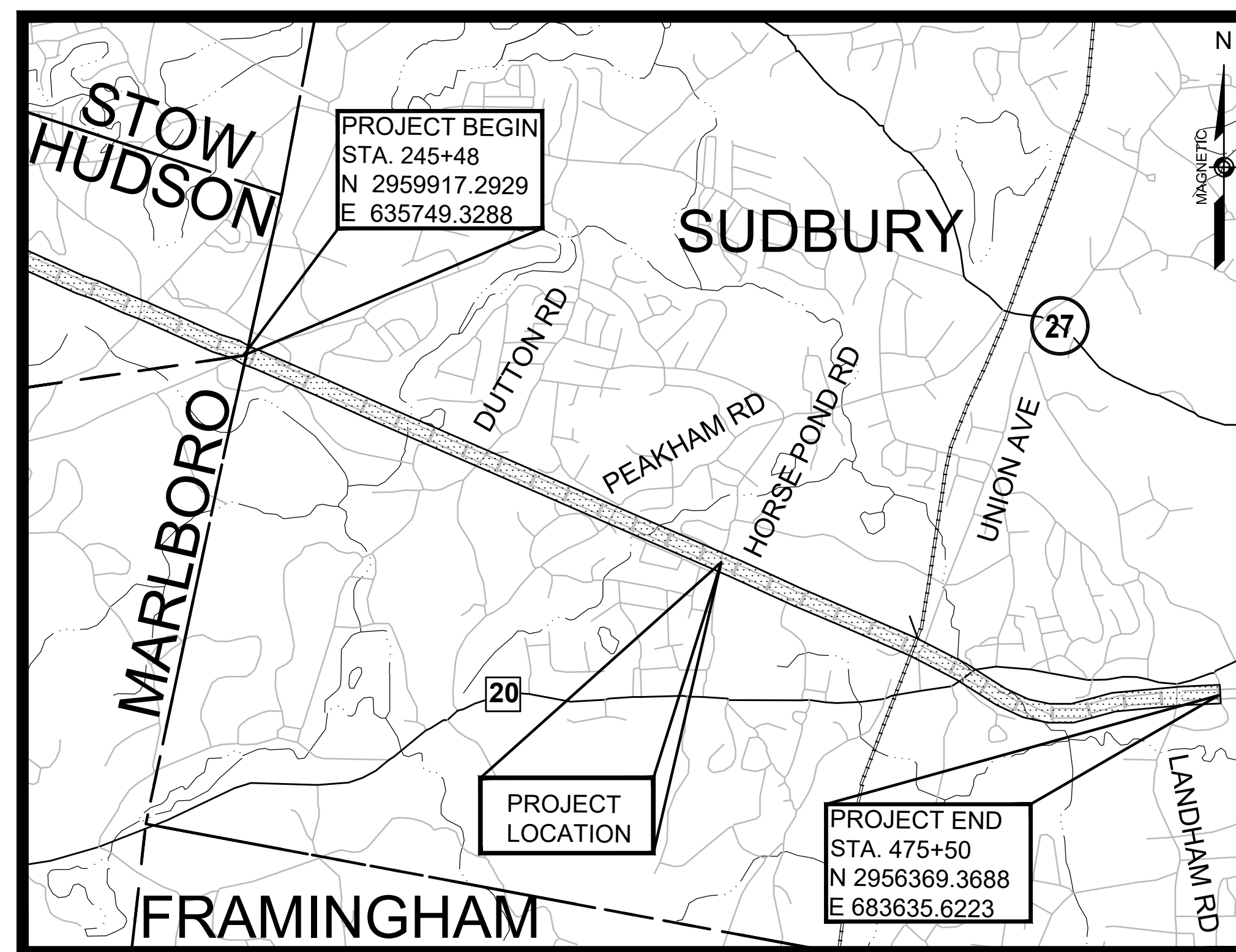
SUDBURY-HUDSON

TRANSMISSION RELIABILITY PROJECT

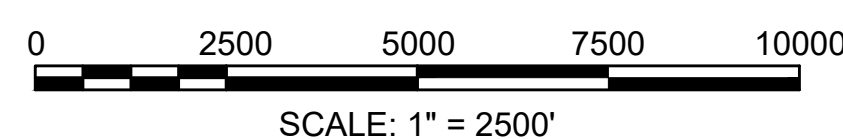
SUDBURY GRANT OF LOCATION

TEMPORARY TRAFFIC CONTROL PLANS

INDEX	
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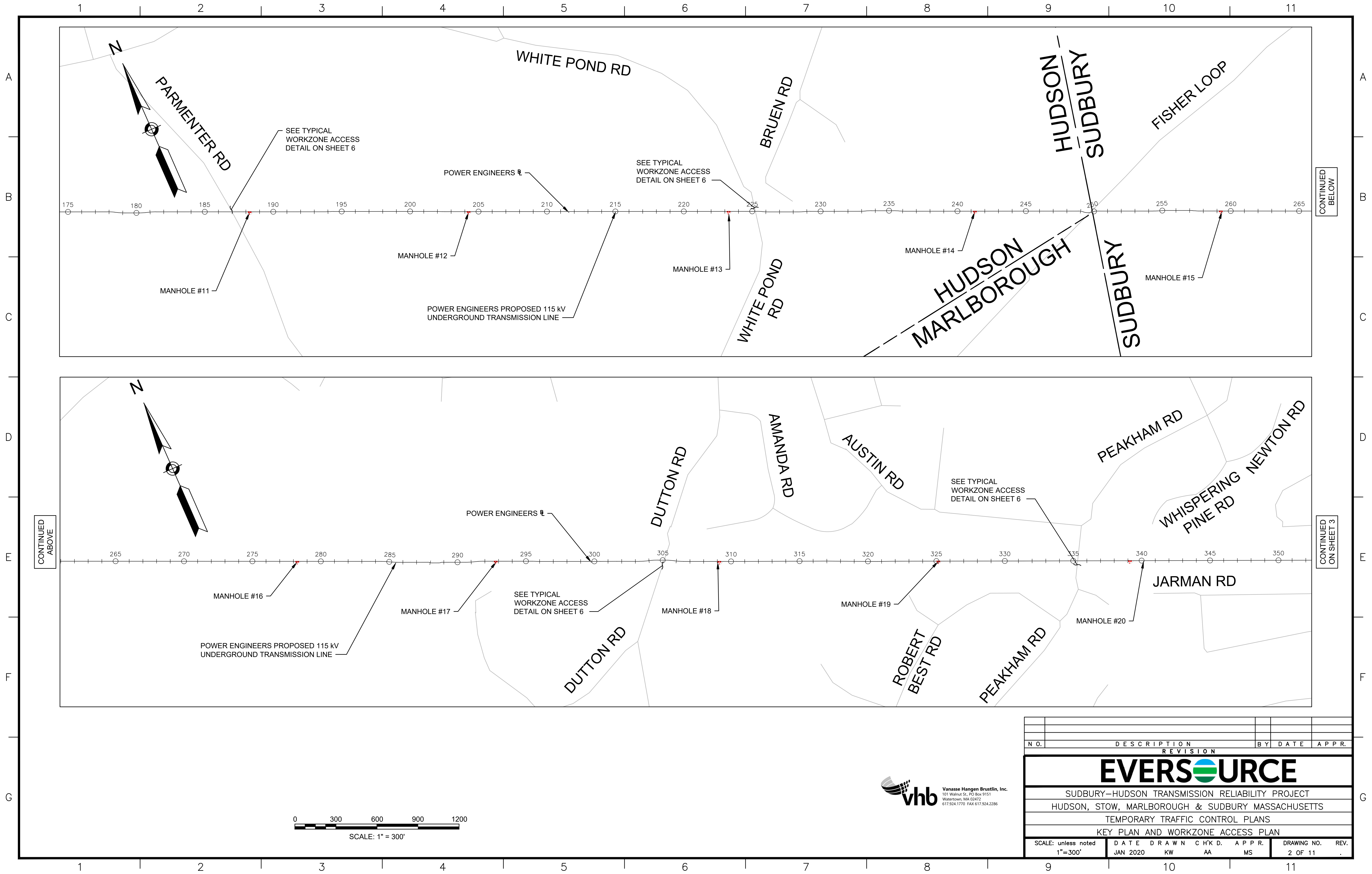


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WATERTOWN, MASSACHUSETTS

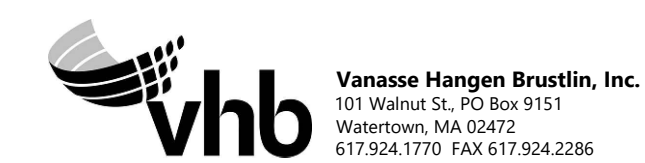
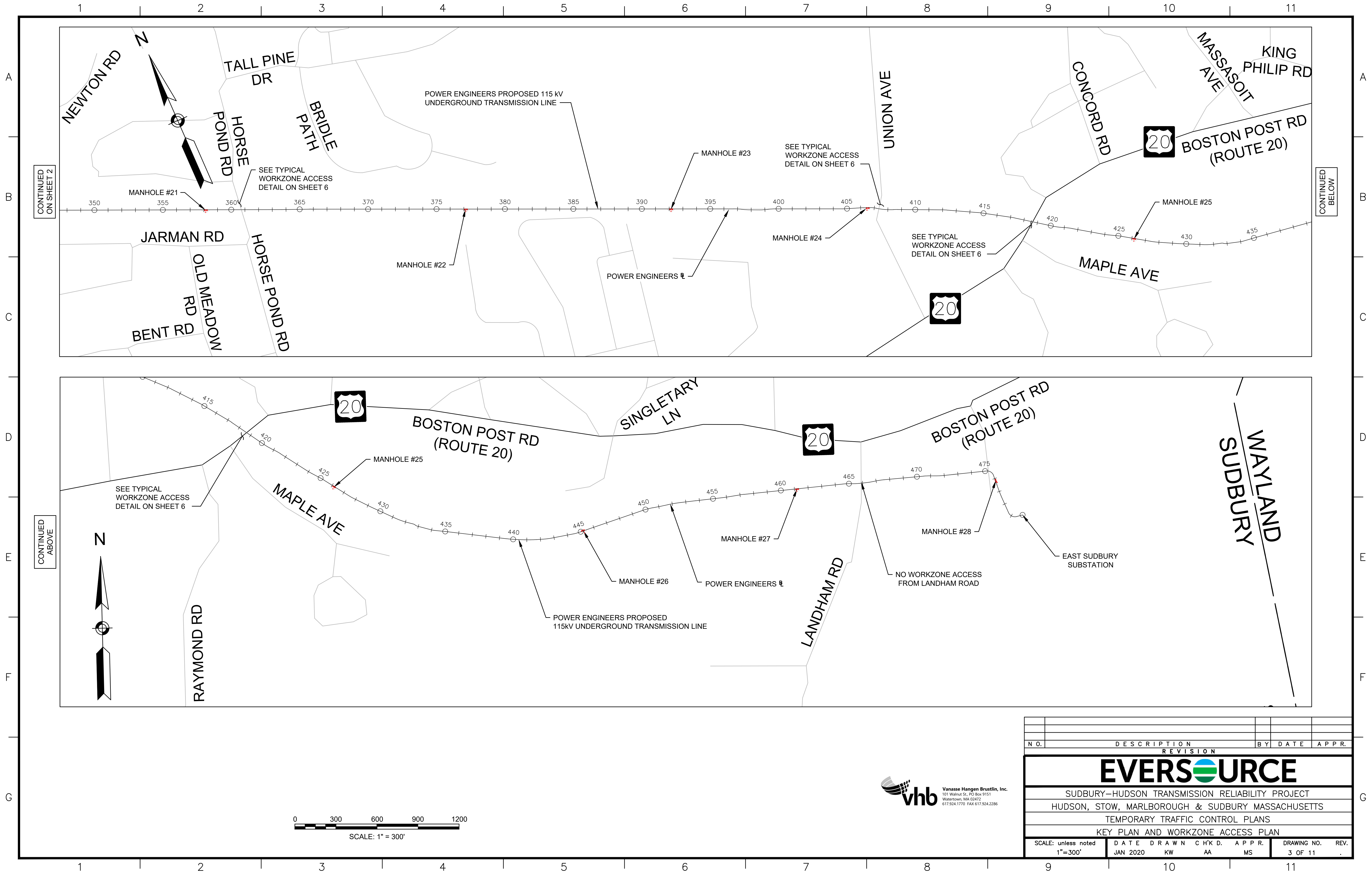


**REFERENCE MANUALS**  
THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1988, THE SUPPLEMENTAL SPECIFICATIONS DATED APRIL 1, 2019, THE INTERIM SUPPLEMENTAL SPECIFICATIONS DATED JUNE 30, 2019, THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, THE 1996 CONSTRUCTION AND TRAFFIC STANDARD DETAILS (AS RELATED TO TRAFFIC STANDARD DETAILS ONLY), THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS WITH MASSACHUSETTS AMENDMENTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, WILL GOVERN.

NO.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
TITLE SHEET & INDEX					
SCALE: unless noted NTS	DATE JAN 2020	DRAWN KW	CH'K D. AA	APPR. MS	DRAWING NO. 1 OF 11
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N O.	DESCRIPTION					BY	DATE	APPR.	
REVISION									
EVERSOURCE									
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT									
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS									
TEMPORARY TRAFFIC CONTROL PLANS									
KEY PLAN AND WORKZONE ACCESS PLAN									
SCALE: unless noted 1"=300'		DATE	DRAWN	CHK'D	APPR.	DRAWING NO.		REV.	
		JAN 2020	KW	AA	MS	3 OF 11		.	

GENERAL NOTES

1.

ALL CONSTRUCTION SIGNING, TEMPORARY TRAFFIC CONTROL DEVICES, AND ROADSIDE ELEMENTS SHALL CONFORM WITH THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS AMENDED, THE MASSDOT STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TEMPORARY TRAFFIC CONTROL PLANS, THE LATEST REVISIONS OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, (AASHTO) ROADSIDE DESIGN GUIDE, AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, AND NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 OR THE AASHTO MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
2.

WORK HOURS SHALL BE AS STIPULATED BY THE ENERGY FACILITIES SITING BOARD (EFSB) AND AS APPROVED BY THE TOWN OF SUDBURY.
3.

NO WORK SHALL OCCUR WITHIN THE PUBLIC WAY ON STATE RECOGNIZED HOLIDAYS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4.

ALL TEMPORARY PEDESTRIAN PATHWAYS SHALL COMPLY FULLY WITH ALL REQUIREMENTS OF THE MUTCD AND ALL APPLICABLE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (MAAB) AND AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) REQUIREMENTS AND PUBLIC RIGHTS-OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
5.

ALL DRUMS OUTSIDE TAPERS SHALL BE SET AT 20' ON CENTER MAX. UNLESS OTHERWISE NOTED OR ADJUSTED BY THE ENGINEER.
6.

ALL DRUMS SHALL BE APPROXIMATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN SAFE AND REASONABLE ABUTTER ACCESS. WORK MAY REQUIRE ADDITIONAL SIGNS, DRUMS AND OTHER TRAFFIC CONTROL DEVICES, GRADING AND TEMPORARY PAVEMENT FOR PASSAGE OF PEDESTRIAN, VEHICULAR AND EMERGENCY TRAFFIC THROUGH THE WORK AREAS, BOTH DURING AND AFTER WORKING HOURS, TO MAINTAIN SUCH ACCESS.
7.

REFLECTORIZED CONES SHALL BE A MINIMUM OF 36 INCHES IN HEIGHT.
8.

CONES MAY BE USED IN LIEU OF DRUMS OUTSIDE OF TAPER AREAS.
9.

THE CONTRACTOR SHALL NOTIFY EACH ABUTTER AT LEAST 2 WEEKS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OR RESTRICTION OF ACCESS.
10.

FOR DROP-OFFS 3" OR LESS WITHIN THE CLEAR ZONE, CONDITION MAY BE MITIGATED WITH W8-9 (LOW SHOULDER) SIGN OR TEMPORARY CHANNELIZATION DEVICES.
11.

CONTRACTOR SHALL STAGE WORK SUCH THAT A DROP-OFF OF NO MORE THAN 3" AT THE END OF EACH WORK DAY EXISTS WITHIN THE CLEAR ZONE AT ANY TIME AND ENSURE DROP-OFF IS MITIGATED WITHOUT BARRIER PER NOTE 12.
12.

CONSTRUCTION CLEAR ZONE SHALL BE IN ACCORDANCE WITH MASSDOT BOSTON TRAFFIC GUIDELINES AS FOLLOWS:  
4' IF POSTED SPEED IS LESS THAN 35 MPH  
8' IF POSTED SPEED IS 35 MPH  
15' IF POSTED SPEED IS 40 MPH
13.

11' MINIMUM LANE WIDTHS SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
14.

NON-ESSENTIAL TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE COVERED OR REMOVED DURING NON-WORKING HOURS WHEN NOT IN USE.
15.

SIGNS INSTALLED ON PORTABLE STANDS REQUIRE 12 INCH MINIMUM MOUNTING HEIGHT FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE SIGN.
16.

SIGNS INSTALLED ON PORTABLE STANDS PLACED AMONG CHANNELIZATION DEVICES REQUIRE A 36 INCH MINIMUM MOUNTING HEIGHT FROM THE ROADWAY SURFACE TO THE BOTTOM OF THE SIGN.
17.

SIGNS MOUNTED ON POSTS REQUIRE A MINIMUM 84 INCH MOUNTING HEIGHT FROM THE ROADWAY OR SIDEWALK SURFACE TO THE BOTTOM OF THE SIGN.
18.

ALL SIGNS SHALL BE MOUNTED ON THEIR OWN NCHRP 350 AND/OR MASH CRASH TESTED SIGN SUPPORTS AND INSTALLED IN ACCORDANCE WITH THE MUTCD.
19.

MA-W20-7b SIGNS SHALL BE REPLACED BY W20-7 SIGNS WHEN FLAGGERS ARE USED IN LIEU OF POLICE OFFICER DETAILS.
20.

CONTRACTOR SHALL SECURE WORK AREAS BY APPROPRIATE MEANS TO PREVENT UNAUTHORIZED ACCESS AT ALL TIMES.
21.

THERE IS NO DESIGNATED BICYCLE LANE ON THE ROADWAY WITHIN THE PROJECT LIMITS. BICYCLES ARE EXPECTED TO SHARE THE ROAD WITH GENERAL VEHICULAR TRAFFIC.
22.

TEMPORARY CONSTRUCTION FENCING IS TO BE USED AS NEEDED WHEN WORKING ADJACENT TO PRIVATE PROPERTY TO DELINEATE WORK ZONE LIMITS AND PREVENT UNAUTHORIZED ACCESS.

SUGGESTED WORK ZONE SETUP TABLE			
ROADWAY	POWER & STATION (SEE NOTE 1)	TEMPORARY TRAFFIC CONTROL SETUPS	SHEET NUMBER
DUTTON RD	304+90 ± TO 305+20 ±	CLOSURE AND DETOUR PLAN- DUTTON RD	SHEET 7
PEAKHAM RD	335+60 ± TO 335+90 ±	PEDESTRIAN BYPASS DETAIL CLOSURE AND DETOUR- PEAKHAM RD	SHEET 6 SHEET 8
HORSE POND RD	360+90 ± TO 361+10 ±	PEDESTRIAN BYPASS DETAIL CLOSURE AND DETOUR- HORSE POND RD	SHEET 6 SHEET 9
UNION AVE	407+30 ± TO 407+60 ±	TYPICAL TWO-WAY STREET LANE CLOSURE ALTERNATING TRAFFIC	SHEET 5
BOSTON POST RD (ROUTE 20)	419+50 ± TO 419+90 ±	SEE NOTE 2	--
LANDHAM RD	465+80 ± TO 466+10 ±	SEE NOTE 2	--

- NOTES:
1.

REFER TO KEY PLAN AND WORKZONE ACCESS PLAN ON SHEETS 2 & 3 FOR OVERVIEW. SEE POWER ENGINEERS UNDERGROUND TRANSMISSION LINE PLAN AND PROFILE FOR ADDITIONAL INFORMATION.
2.

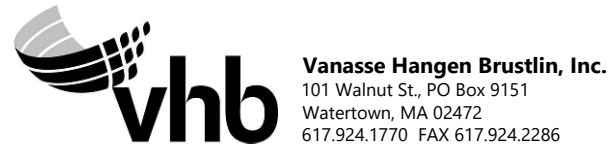
ROADWAY UNDER MASSDOT JURISDICTION AND IS NOT INCLUDED IN THE GRANT OF LOCATION.

LEGEND	
	FLAGGER
	POLICE OFFICER
	TRAFFIC SIGNAL
	REFLECTORIZED DRUM
	TEMPORARY CONSTRUCTION SIGN
	TRAFFIC CONE
	TYPE III BARRICADE
	WORK AREA (PUBLIC ACCESS RESTRICTED)
	ROAD CLOSED, LOCAL ACCESS ONLY
	TRAFFIC FLOW
	PEDESTRIAN ROUTE
	CONSTRUCTION FENCE
	TEMPORARY PEDESTRIAN BARRICADE
NTS	NOT TO SCALE

LANE TAPER LENGTH FORMULAS
L= TAPER LENGTH IN FEET
W= WIDTH OF ROADWAY TO BE SHIFTED OR REDIRECTED IN FEET
S= POSTED SPEED LIMIT IN MPH
POSTED SPEED
40 MPH OR LESS
$L = \frac{WS^2}{60}$

BUFFER SPACING	
SPEED (MPH)	DISTANCE (FEET)
15	80
20	115
25	155
30	200
35	250
40	305

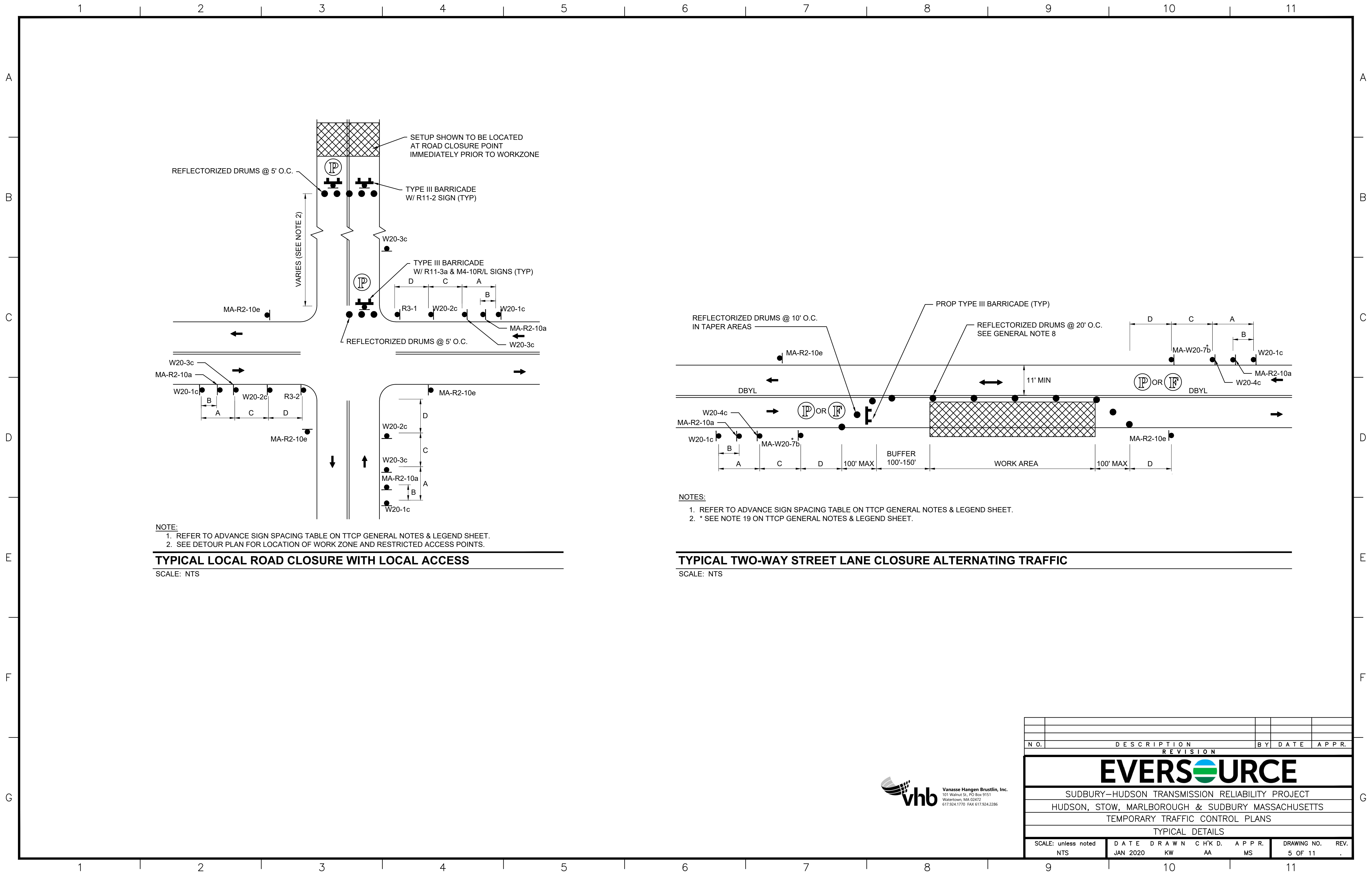
ADVANCE SIGN SPACING				
ROADWAY	DISTANCE BETWEEN SIGNS (FEET)			
	A	B	C	D
ALL ROADS	350	150	350	350



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N O.	DESCRIPTION	BY	DATE	APP.R.
REVISION				
EVERSOURCE				
SUDBURY–HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TEMPORARY TRAFFIC CONTROL PLANS				
GENERAL NOTES AND LEGEND				
SCALE: unless noted NTS	DATE JAN 2020	DRAWN KW	CHK'D AA	APP.R. MS
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NOTE:  
1. REFER TO ADVANCE SIGN SPACING TABLE ON TTCP GENERAL NOTES & LEGEND SHEET.  
2. SEE DETOUR PLAN FOR LOCATION OF WORK ZONE AND RESTRICTED ACCESS POINTS.

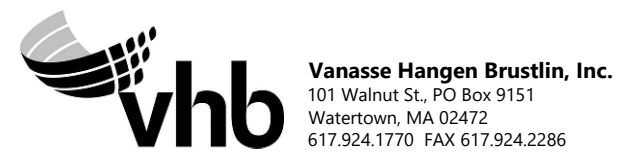
TYPICAL LOCAL ROAD CLOSURE WITH LOCAL ACCESS

SCALE: NTS

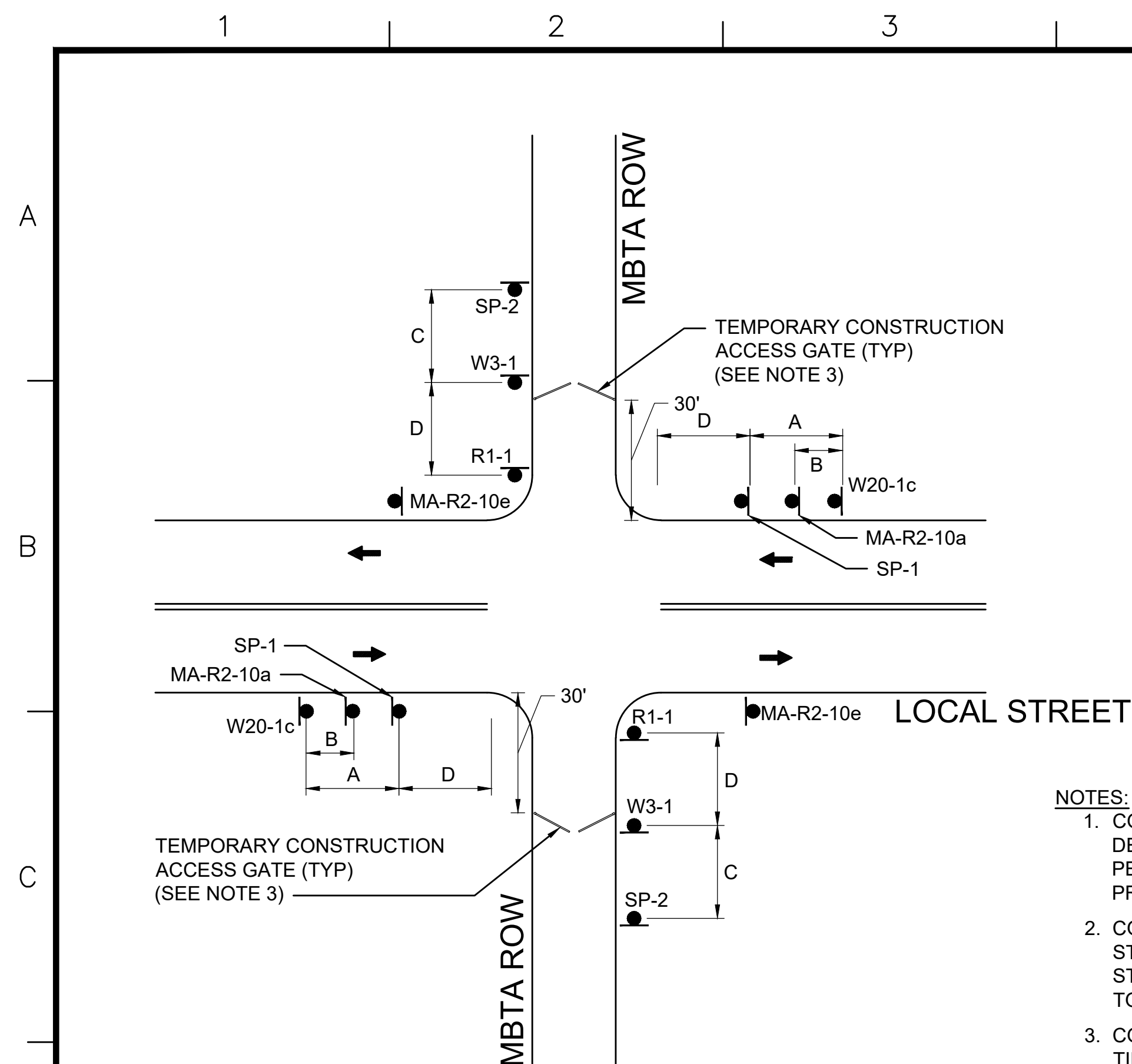
NOTES:  
1. REFER TO ADVANCE SIGN SPACING TABLE ON TTCP GENERAL NOTES & LEGEND SHEET.  
2. \* SEE NOTE 19 ON TTCP GENERAL NOTES & LEGEND SHEET.

TYPICAL TWO-WAY STREET LANE CLOSURE ALTERNATING TRAFFIC

SCALE: NTS



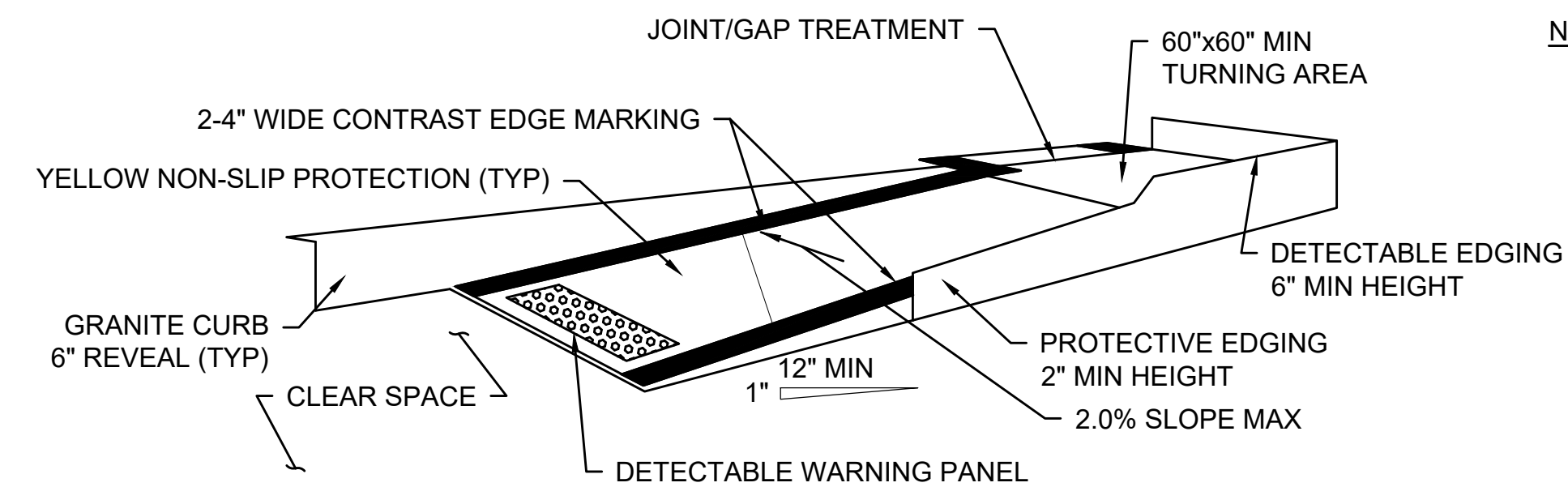
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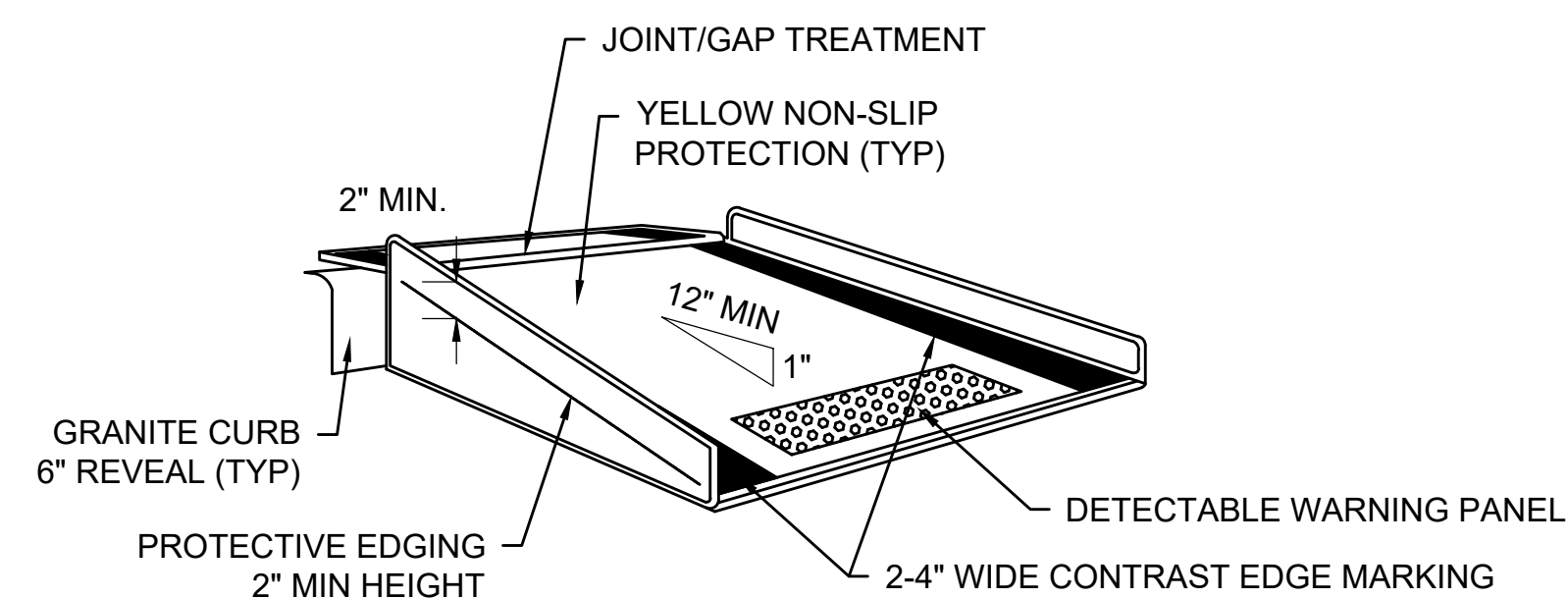
## TYPICAL WORKZONE ACCESS

SCALE: NTS

- NOTES:**
1. CONTRACTOR SHALL DEVELOP WORK ZONE STAGING AREAS WITH DESIGNATED PARKING FOR EMPLOYEES. PARKING OF WORKERS' PERSONAL VEHICLES ON PUBLIC PROPERTY IS STRICTLY PROHIBITED.
  2. CONTRACTOR SHALL DESIGNATE MATERIAL STORAGE AND STAGING AREAS FOR OFF-SITE MATERIAL STORAGE. OFF-SITE STORAGE AREAS SHALL BE MARKED WITH REFLECTORIZED DRUMS TO CLEARLY DELINEATE AREA LIMITS.
  3. CONTRACTOR SHALL RESTRICT UNAUTHORIZED ACCESS AT ALL TIMES.





### TEMPORARY CURB RAMP-PARALLEL TO CURB

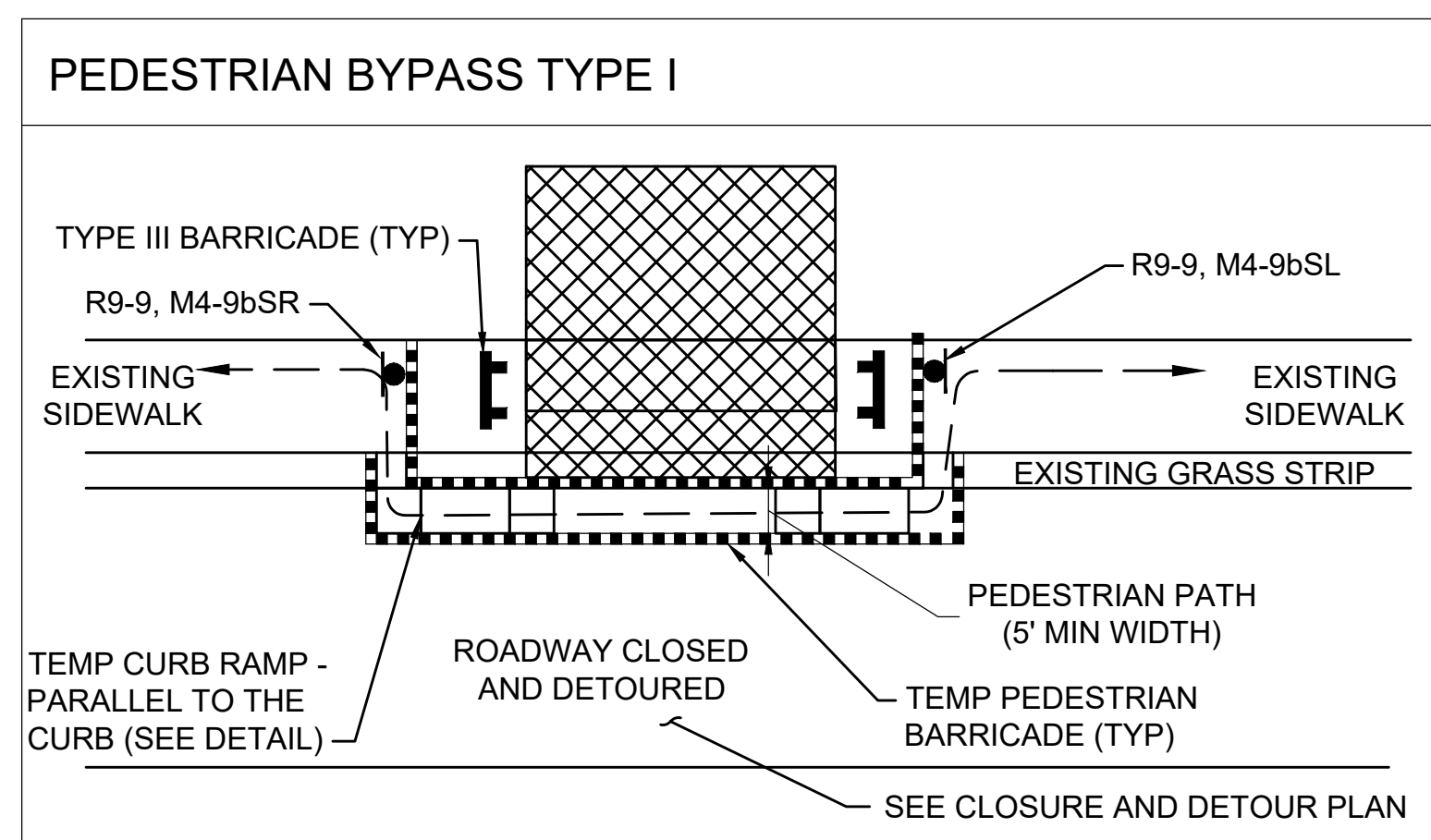


### TEMPORARY CURB RAMP-PERPENDICULAR TO CURB

## TEMPORARY CURB RAMPS


SCALE: NTS

- NOTES:**
1. ADDITIONAL ADVANCE WARNING SIGNS MAY BE NECESSARY AS DETERMINED BY THE ENGINEER.
  2. CONTROLS FOR PEDESTRIAN TRAFFIC ONLY, ARE SHOWN. VEHICULAR TRAFFIC SHALL BE MAINTAINED AS SHOWN ELSEWHERE.
  3. STREET LIGHTING SHOULD BE CONSIDERED WHEN LOCATING CONTROL DEVICES.
  4.  —  INDICATES DIRECTION OF PEDESTRIAN TRAVEL.
  5. ALL TEMPORARY PEDESTRIAN PATHWAYS SHALL COMPLY FULLY WITH ALL REQUIREMENTS OF THE MUTCD AND ALL APPLICABLE MAAB AND ADAAG REQUIREMENTS AND INCLUDE THE USE OF A COMPLIANT TEMPORARY PEDESTRIAN MANAGEMENT GUIDANCE SYSTEM AT ALL TIMES.
  6. CONTRACTOR SHALL MAINTAIN AS WIDE OF A PEDESTRIAN ACCESS AS POSSIBLE AT ALL TIMES. EXCEPT WHERE NECESSARY, THE CONTRACTOR MAY TEMPORARILY REDUCE PEDESTRIAN PATHWAYS TO 4 FEET IN WIDTH (EXCLUDING CURB) FOR NO MORE THAN 200 LINEAR FEET AT A TIME IN ACCORDANCE WITH ALL STANDARDS. A 5' x 5' PASSING AREA SHALL BE PROVIDED IN INTERVALS NOT EXCEEDING 200 FEET.
  7. TEMPORARY WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MASSDOT, MAAB, AND ADAAG REQUIREMENTS.

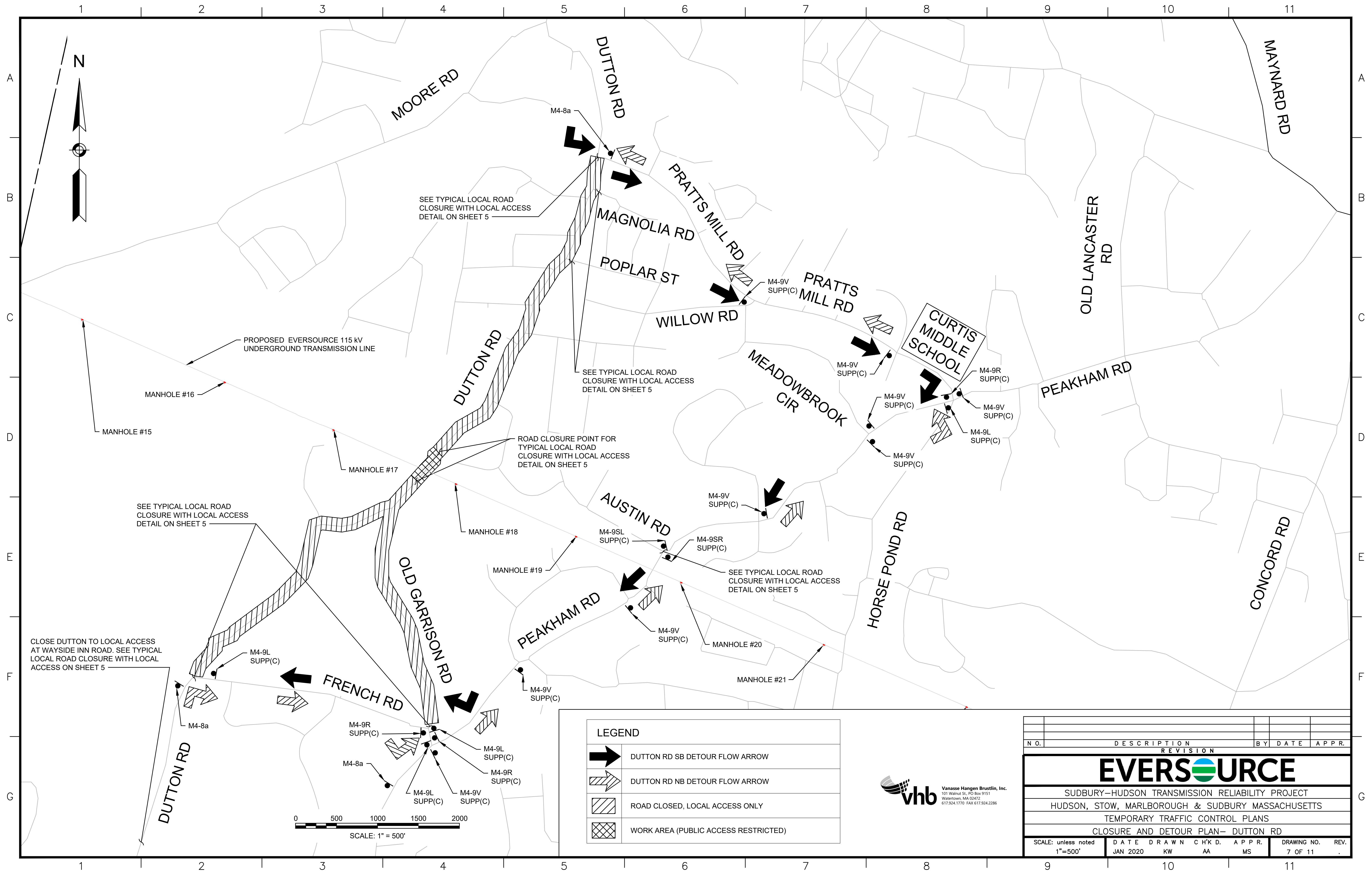


## PEDESTRIAN BYPASS DETAIL

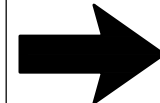
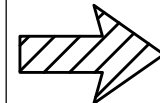
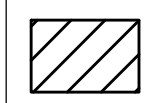

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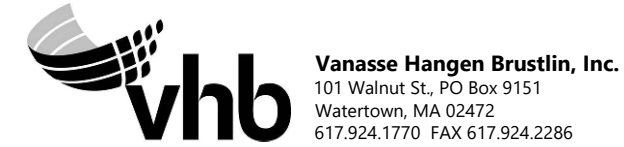
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REVISION									
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SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT									
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS									
TEMPORARY TRAFFIC CONTROL PLANS									
<div style="text-align: center;"> <b>TEMPORARY TRAFFIC CONTROL PLANS</b> </div>									
<div style="display: flex; justify-content: space-between;"> <div>SCALE: unless noted NTS</div> <div>DATE JAN 2020</div> <div>DRAWN KW</div> <div>CHECK D. AA</div> <div>APPR. MS</div> <div>DRAWING NO. 6 OF 11</div> <div>REV. .</div> </div>									





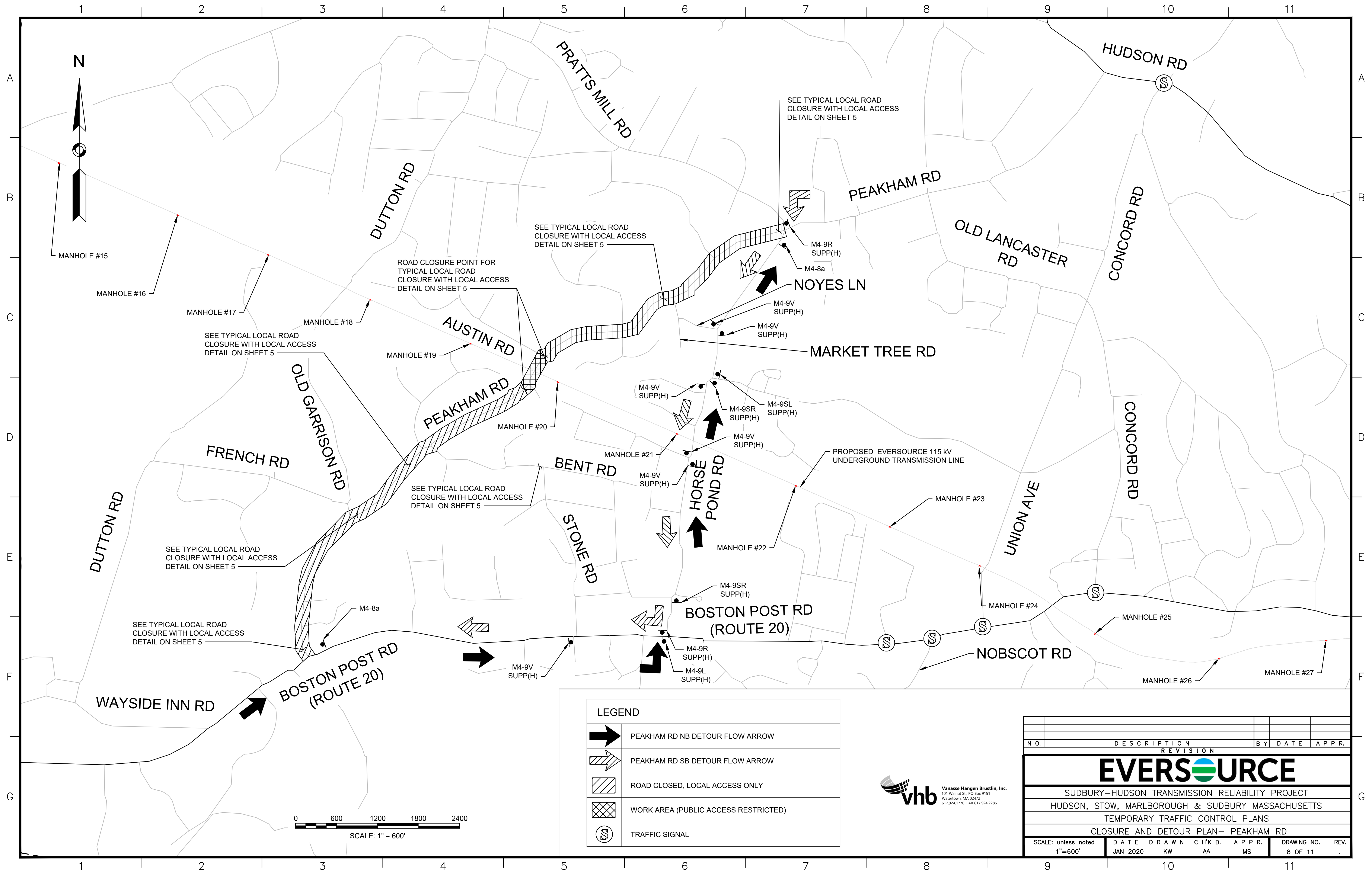
LEGEND

-  DUTTON RD SB DETOUR FLOW ARROW
-  DUTTON RD NB DETOUR FLOW ARROW
-  ROAD CLOSED, LOCAL ACCESS ONLY
-  WORK AREA (PUBLIC ACCESS RESTRICTED)

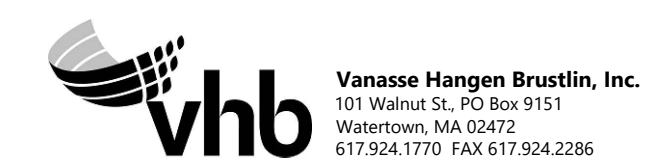


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CLOSURE AND DETOUR PLAN- DUTTON RD									
SCALE: unless noted 1"=500'		DATE		DRAWN		C H'K D.		APPR.	
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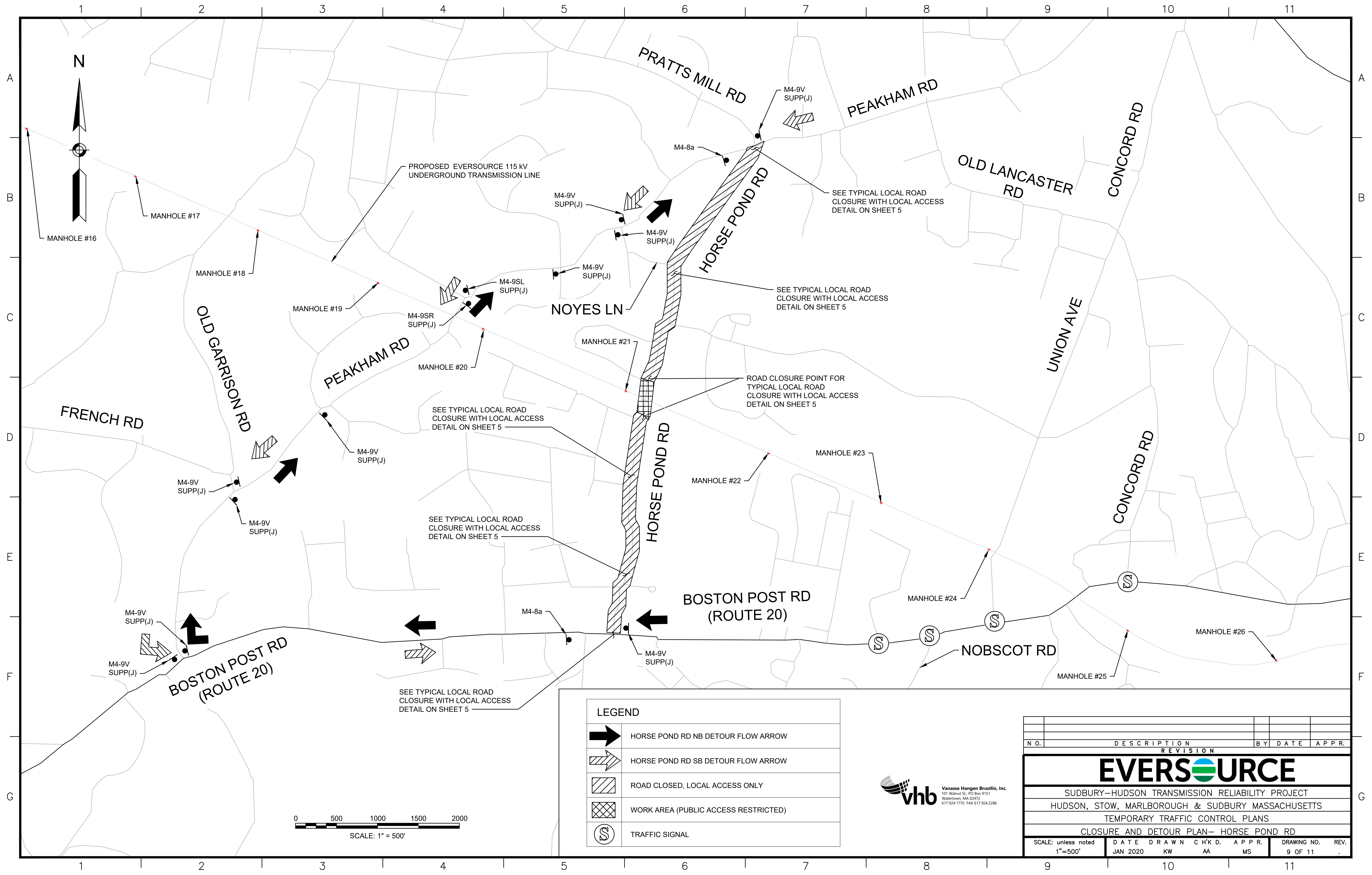


LEGEND	
	PEAKHAM RD NB DETOUR FLOW ARROW
	PEAKHAM RD SB DETOUR FLOW ARROW
	ROAD CLOSED, LOCAL ACCESS ONLY
	WORK AREA (PUBLIC ACCESS RESTRICTED)
	TRAFFIC SIGNAL



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CLOSURE AND DETOUR PLAN- PEAKHAM RD								
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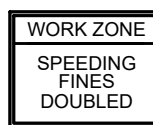

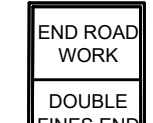















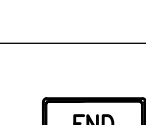
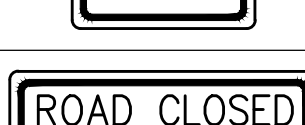
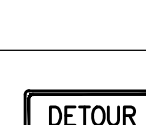




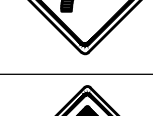
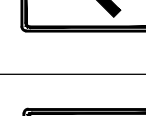





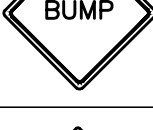









LEGEND	
	HORSE POND RD NB DETOUR FLOW ARROW
	HORSE POND RD SB DETOUR FLOW ARROW
	ROAD CLOSED, LOCAL ACCESS ONLY
	WORK AREA (PUBLIC ACCESS RESTRICTED)
	TRAFFIC SIGNAL

**Vanasse Hangen Brustlin, Inc.**  
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CLOSURE AND DETOUR PLAN- HORSE POND RD									
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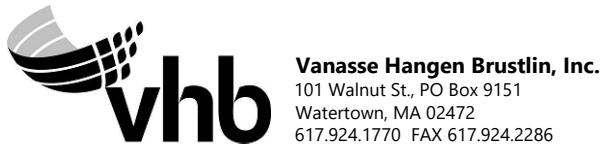
TEMPORARY TRAFFIC CONTROL SIGN SUMMARY										TEMPORARY TRAFFIC CONTROL SIGN SUMMARY (CONTINUED)										<div>NOTES:</div> <div>1. HIGH INTENSITY REFLECTIVE SHEETING SHALL BE USED FOR ALL SIGNS. SEE FHWA "STANDARD HIGHWAY SIGNS, 2004 EDITION" FOR TEXT DIMENSIONS, AS AMENDED; THE 1977 MASSHIGHWAY DEPARTMENT CONSTRUCTION AND TRAFFIC STANDARD DETAILS, AS AMENDED, FOR SIGNS AND SUPPORTS; THE MASSHIGHWAY DEPARTMENT SIGN LISTINGS 1993 EDITION, AS AMENDED; THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR MOUNTING REQUIREMENTS; AND THE 2017 MassDOT STANDARD SIGNS BOOK, AS AMENDED.</div> <div>2. ALL SIGNS SHOWN GRAPHICALLY FOR INFORMATION ONLY. SIGN VENDOR SHALL FABRICATE ALL SIGNS IN ACCORDANCE WITH THE APPLICABLE STANDARDS.</div>											
IDENTIFI- CATION NUMBER		SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			COLOR			IDENTIFI- CATION NUMBER		SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			BACK- GROUND											LEGEND	BORDER
		WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.	BACK- GROUND	LEGEND	BORDER			WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.													
MA-R2-10a	48"	36"		AS PER MASSDOT STANDARD			FLUOR- ESCENT ORANGE	BLACK	BLACK	W20-2c	36"	36"		SEE FHWA "STANDARD HIGHWAY SIGNS, 2004 EDITION"; AS AMENDED			FLUOR- ESCENT ORANGE	BLACK	BLACK												
MA-R2-10e	36"	48"					WHITE FLUOR- ESCENT ORANGE WHITE	BLACK	BLACK	W20-3c	36"	36"					FLUOR- ESCENT ORANGE	BLACK	BLACK												
R1-1	36"	36"					SEE FHWA "STANDARD HIGHWAY SIGNS, 2004 EDITION"; AS AMENDED			RED	WHITE	WHITE	W20-4c				36"	36"		FLUOR- ESCENT ORANGE			BLACK	BLACK							
R3-1	24"	24"					WHITE	RED/ BLACK	BLACK	W20-7	36"	36"					FLUOR- ESCENT ORANGE	BLACK	BLACK												
R3-2	24"	24"					WHITE			RED/ BLACK	BLACK	MA-W20-7b	36"				36"		AS PER MASSDOT STANDARD			FLUOR- ESCENT ORANGE	BLACK	BLACK							
R4-7b	24"	30"					WHITE	BLACK	BLACK	W24-2 (MOD)	36"	36"		AS PER MASSDOT STANDARD			FLUOR- ESCENT ORANGE	BLACK	BLACK												
R9-9	24"	12"					WHITE			BLACK	BLACK	M4-4	24"	12"		SEE FHWA "STANDARD HIGHWAY SIGNS, 2004 EDITION"; AS AMENDED			WHITE	BLACK	BLACK										
R11-2	48"	30"					WHITE	BLACK	BLACK	M4-8a	24"	18"					FLUOR- ESCENT ORANGE	BLACK	BLACK												
R11-3a	60"	30"					WHITE			BLACK	BLACK	M4-9L	30"				24"		FLUOR- ESCENT ORANGE			BLACK	BLACK								
W1-4L	36"	36"					FLUOR- ESCENT ORANGE	BLACK	BLACK	M4-9R	30"	24"					FLUOR- ESCENT ORANGE	BLACK	BLACK												
W1-4R	36"	36"					FLUOR- ESCENT ORANGE			BLACK	BLACK	M4-9SL	30"				24"		FLUOR- ESCENT ORANGE			BLACK	BLACK								
W3-1	36"	36"					FLUOR- ESCENT ORANGE	BLACK RED/ BLACK	BLACK	M4-9SR	30"	24"					FLUOR- ESCENT ORANGE	BLACK	BLACK												
W5-1	36"	36"					FLUOR- ESCENT ORANGE			BLACK	BLACK	M4-9V	30"				24"		FLUOR- ESCENT ORANGE			BLACK	BLACK								
W8-1	36"	36"					FLUOR- ESCENT ORANGE	BLACK	BLACK	M4-10L	48"	18"					FLUOR- ESCENT ORANGE	BLACK	---												
W8-8	36"	36"					FLUOR- ESCENT ORANGE			BLACK	BLACK	M4-10R	48"				18"		FLUOR- ESCENT ORANGE			BLACK	---								
W8-9	36"	36"					FLUOR- ESCENT ORANGE	BLACK	BLACK	<div><div>Vanasse Hangen Brustlin, Inc. 181 Walnut St., PO Box 9151 Watertown, MA 02472 617.924.1770 FAX 617.924.2286</div></div>																					
W20-1c	36"	36"					FLUOR- ESCENT ORANGE													BLACK	BLACK										

N O.		DESCRIPTION		BY DATE		APP R.	
		REVISION					
		EVERSOURCE					
		SUDBURY—HUDSON TRANSMISSION RELIABILITY PROJECT					
		HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
		TEMPORARY TRAFFIC CONTROL PLANS					
		SIGN SUMMARY					
SCALE: unless noted NTS		DATE JAN 2020		DRAWN KW		CHK D. AA	
		APPR. MS		DRAWING NO. 10 OF 11		REV. .	



TEMPORARY TRAFFIC CONTROL SIGN SUMMARY (CONTINUED)									
IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			BACK- GROUND	COLOR	BORDER
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.			
SUPP(C)	42"	12"	DUTTON RD	6"C	3" 3"	N/A	FLUOR- ESCENT ORANGE	BLACK	BLACK
SUPP(H)	48"	12"	PEAKHAM RD	6"C	3" 3"	N/A	FLUOR- ESCENT ORANGE	BLACK	BLACK
SUPP(J)	60"	12"	HORSE POND RD	6"C	3" 3"	N/A	FLUOR- ESCENT ORANGE	BLACK	BLACK
SP-1	36"	36"	CAUTION VEHICLES ENTERING	6"C 6"C 6"C	3.5" 3.5"	N/A	FLUOR- ESCENT ORANGE	BLACK	BLACK
SP-2	36"	36"	ROAD CROSSING AHEAD	6"C 6"C 6"C	3.5" 3.5"	N/A	FLUOR- ESCENT ORANGE	BLACK	BLACK

- NOTES:
1. HIGH INTENSITY REFLECTIVE SHEETING SHALL BE USED FOR ALL SIGNS. SEE FHWA "STANDARD HIGHWAY SIGNS, 2004 EDITION" FOR TEXT DIMENSIONS, AS AMENDED; THE 1977 MASSHIGHWAY DEPARTMENT CONSTRUCTION AND TRAFFIC STANDARD DETAILS, AS AMENDED, FOR SIGNS AND SUPPORTS; THE MASSHIGHWAY DEPARTMENT SIGN LISTINGS 1993 EDITION, AS AMENDED; THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR MOUNTING REQUIREMENTS; AND THE 2017 MassDOT STANDARD SIGNS BOOK, AS AMENDED.
  2. ALL SIGNS SHOWN GRAPHICALLY FOR INFORMATION ONLY. SIGN VENDOR SHALL FABRICATE ALL SIGNS IN ACCORDANCE WITH THE APPLICABLE STANDARDS.



N.O.	DESCRIPTION			BY	DATE
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11 OF 11					