

DETOUR SIGNING

NOTES:

- ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE 2009 EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ALL REVISIONS.
- ALL SIGN LEGENDS, BORDERS AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD. BACKGROUND SHALL BE FLUORESCENT ORANGE.
- TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
- TEMPORARY CONSTRUCTION SIGNING, BARRICADES AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
- SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, AND REFLECTORIZED PLASTIC DRUMS WITH LIGHTING DEVICES MOUNTED ON THEM, MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES."
- CONTRACTORS SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS.
- MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
- MINIMUM LANE WIDTH IS TO BE 11 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF DRUMS OR MEDIAN BARRIER.
- ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.
- TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL NOT COVERED IN THE PLAN SHALL REFER TO MASSDOT "STANDARD DETAILS AND DRAWINGS FOR THE DEVELOPMENT OF TRAFFIC MANAGEMENT PLANS".

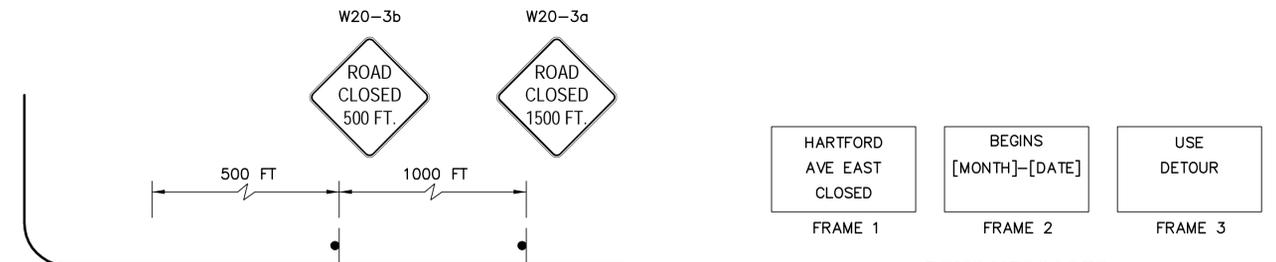
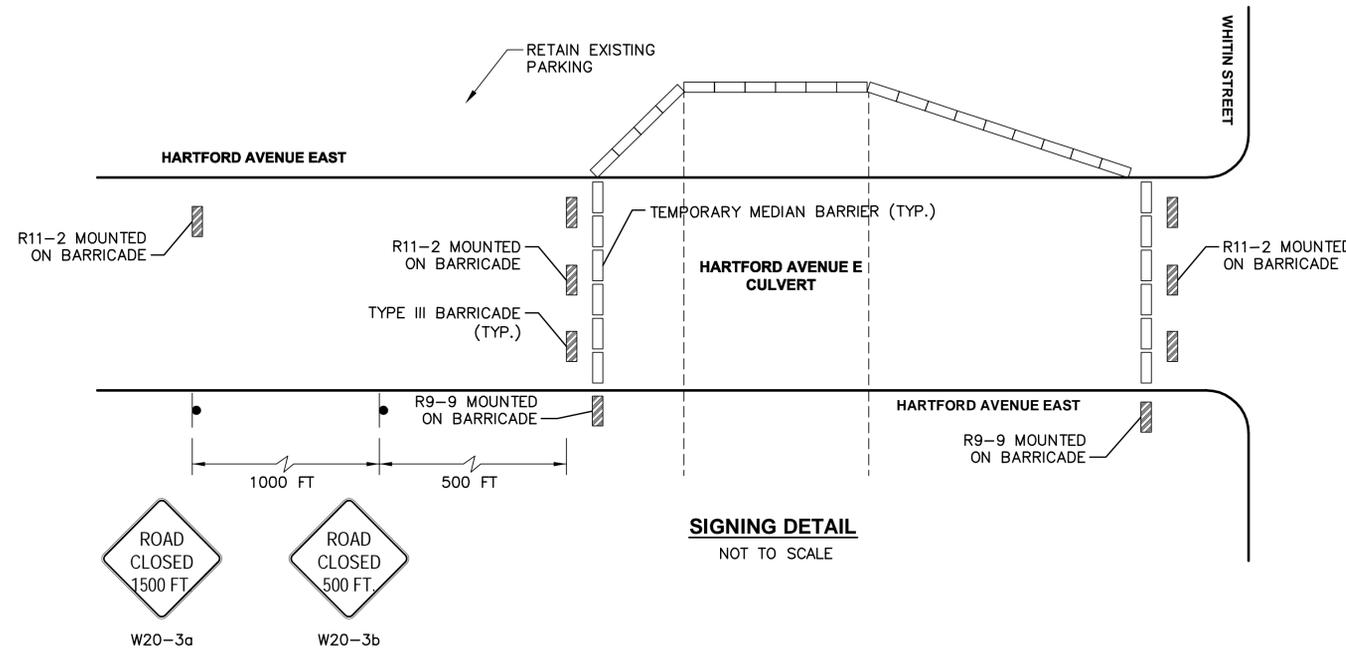
LEGEND:

- REFLECTORIZED PLASTIC DRUM
- ▨ WORK ZONE
- 🚚 WORK VEHICLE
- P POLICE DETAIL
- ➔ DIRECTION OF TRAFFIC
- 🚛 TRUCK MOUNTED ATTENUATOR
- ▨ TYPE III BARRICADE
- 🛑 IMPACT ATTENUATOR
- ⬅️ TRAFFIC OR PEDESTRIAN SIGNAL
- ⚡ FLASHING ARROW PANEL
- ▨ MEDIAN BARRIER
- SIGN
- ⚡ FLASHING ARROW PANEL
- 🚧 MEDIAN BARRIER WITH WARNING LIGHTS
- F FLAGGER

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	AREA IN SQUARE FEET
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R9-9	48	30	SIDEWALK CLOSED	SEE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES			2	WHITE	BLACK	BLACK	MOUNT ON BARRICADE	10	20
R11-2	48	30	ROAD CLOSED				3	WHITE	BLACK	BLACK	MOUNT ON BARRICADE	10	30
W20-3a	36	36	ROAD CLOSED 1500 FT				2	ORANGE	BLACK	BLACK	P-5 2	9	18
W20-3b	36	36	ROAD CLOSED 500 FT				2	ORANGE	BLACK	BLACK	P-5 2	9	18
M4-8a	24	18	END DETOUR				2	ORANGE	BLACK	BLACK	P-5 2	1.5	4.5
M4-9L	30	24	DETOUR ←				4	ORANGE	BLACK	BLACK	MOUNT W/D3-1	5	20
M4-9R	30	24	DETOUR →				3	ORANGE	BLACK	BLACK	MOUNT W/D3-1	5	15
M4-9SL	30	24	DETOUR ↙				1	ORANGE	BLACK	BLACK	MOUNT W/D3-1	5	5
M4-9V	30	24	DETOUR ↑				3	ORANGE	BLACK	BLACK	MOUNT W/D3-1	5	15
D3-1	60	12	Hartford Ave East	6.5 /4C	3 /3		10	ORANGE	BLACK	BLACK	P-5 10	5	50

NOTES:

- SEE THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS" FOR THE LATEST SPECIFICATIONS ON TEXT DIMENSIONS AND COLOR. (ALSO SEE SECTION M9.30.0 TYPE III MHD STANDARD SPECIFICATION, THE "MASSACHUSETTS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," AND "GUIDE SIGN POLICY FOR SECONDARY STATE HIGHWAYS" (LATEST EDITIONS) BY THE MASSACHUSETTS HIGHWAY DEPARTMENT).
- ALL P5 POSTS SHALL BE TELESCOPIC, RECTANGULAR TYPE POSTS, CONFORMING TO THE DIMENSIONS AND REQUIREMENTS OF THE MHD "STANDARD DRAWINGS FOR SIGNS AND SUPPORTS" (LATEST EDITION).



NOTES:

- PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHOULD BE DEPLOYED AT LEAST ONE WEEK PRIOR TO CONSTRUCTION ACTIVITIES AS DIRECTED BY THE ENGINEER.

C:\4100s\4139 - Uxbridge East - Hartford Avenue\Drawing Files\Plan Set\4139 Detour.dwg

NUMBER	DATE	MADE BY	CHECKED BY	DESCRIPTION
REVISIONS				

DRAWN BY:	JMC
DESIGNED BY:	DJ
CHECKED BY:	ATL



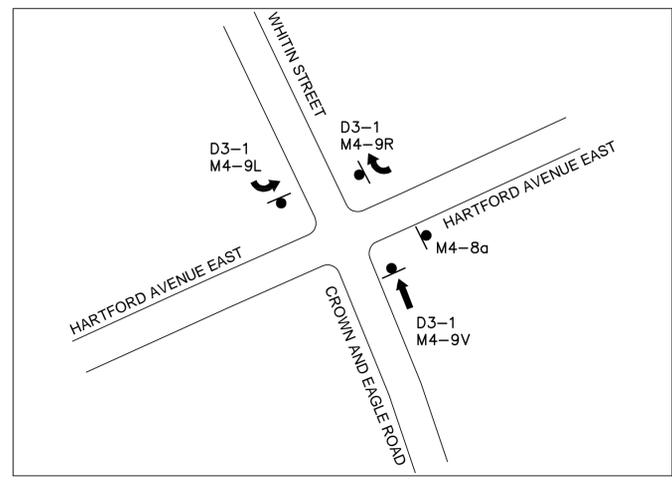
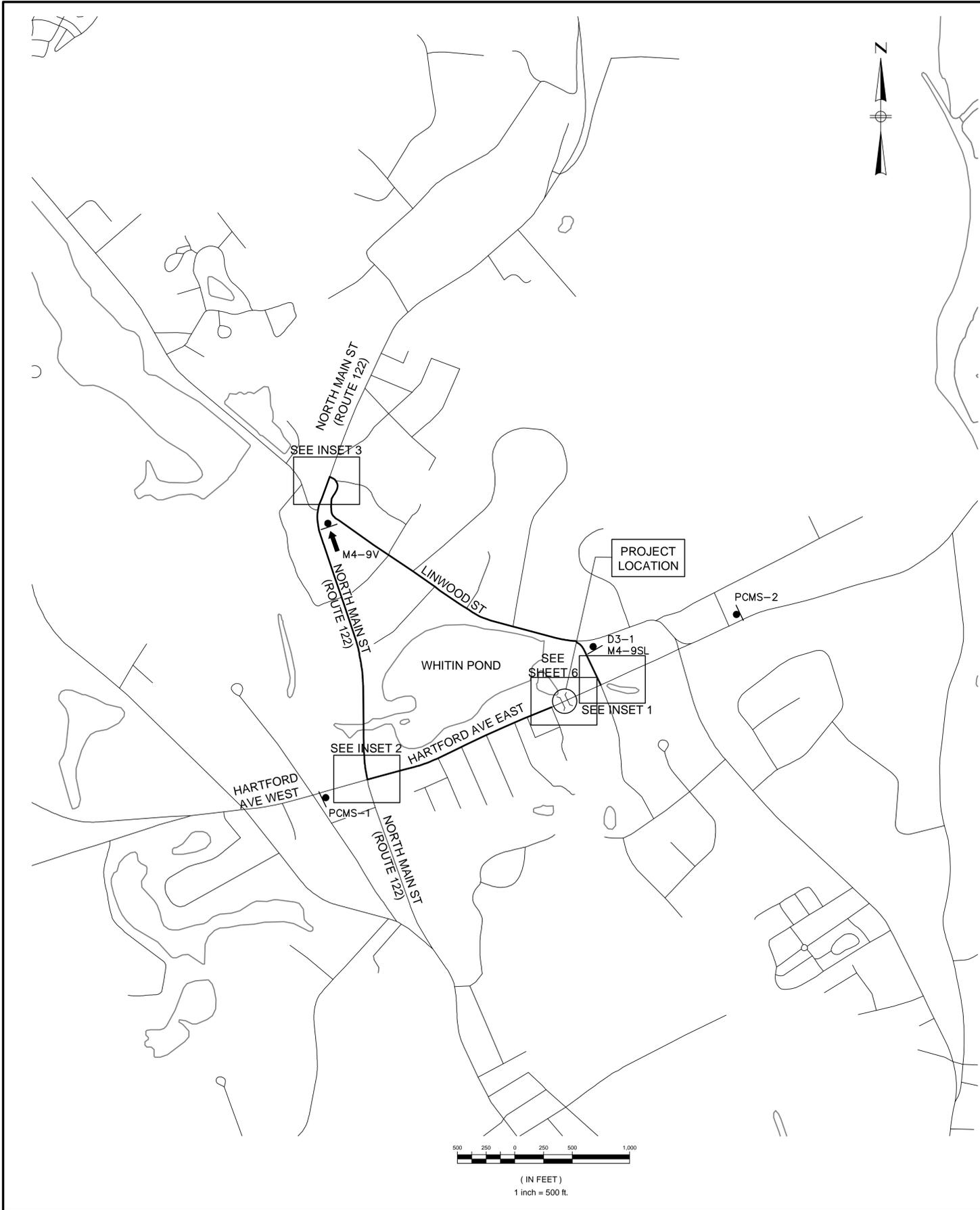
BETA Group, Inc.
 Engineers • Planners • Landscape Architects
 315 Norwood Park South
 Norwood, MA 02062
 781.255.1982
 email: BETA@BETA-inc.com

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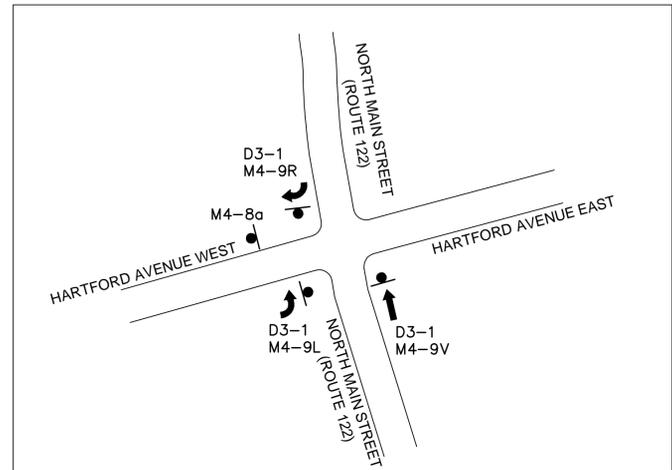
**Culvert Replacement
 Hartford Avenue East
 DETOUR PLAN**
 Uxbridge, Massachusetts

JOB	4139
PLOT DATE:	Aug. 14, 2014 1:47pm
ISSUE DATE:	04/10/2013
SHEET	6 OF 7

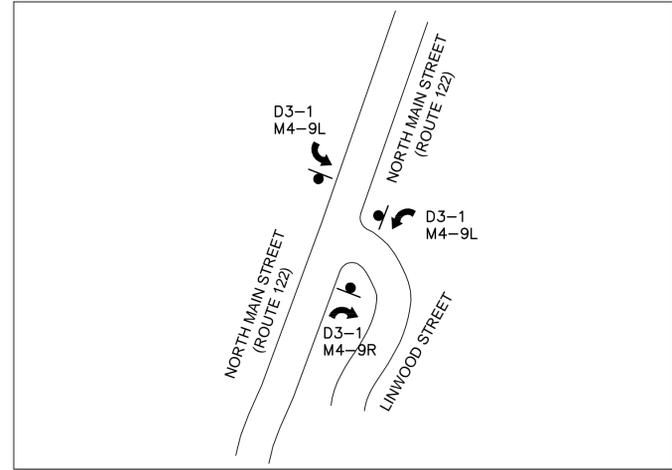
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INSET 1
NOT TO SCALE



INSET 2
NOT TO SCALE



INSET 3
NOT TO SCALE

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 Hartford Avenue East
 DETOUR PLAN**

Uxbridge, Massachusetts

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