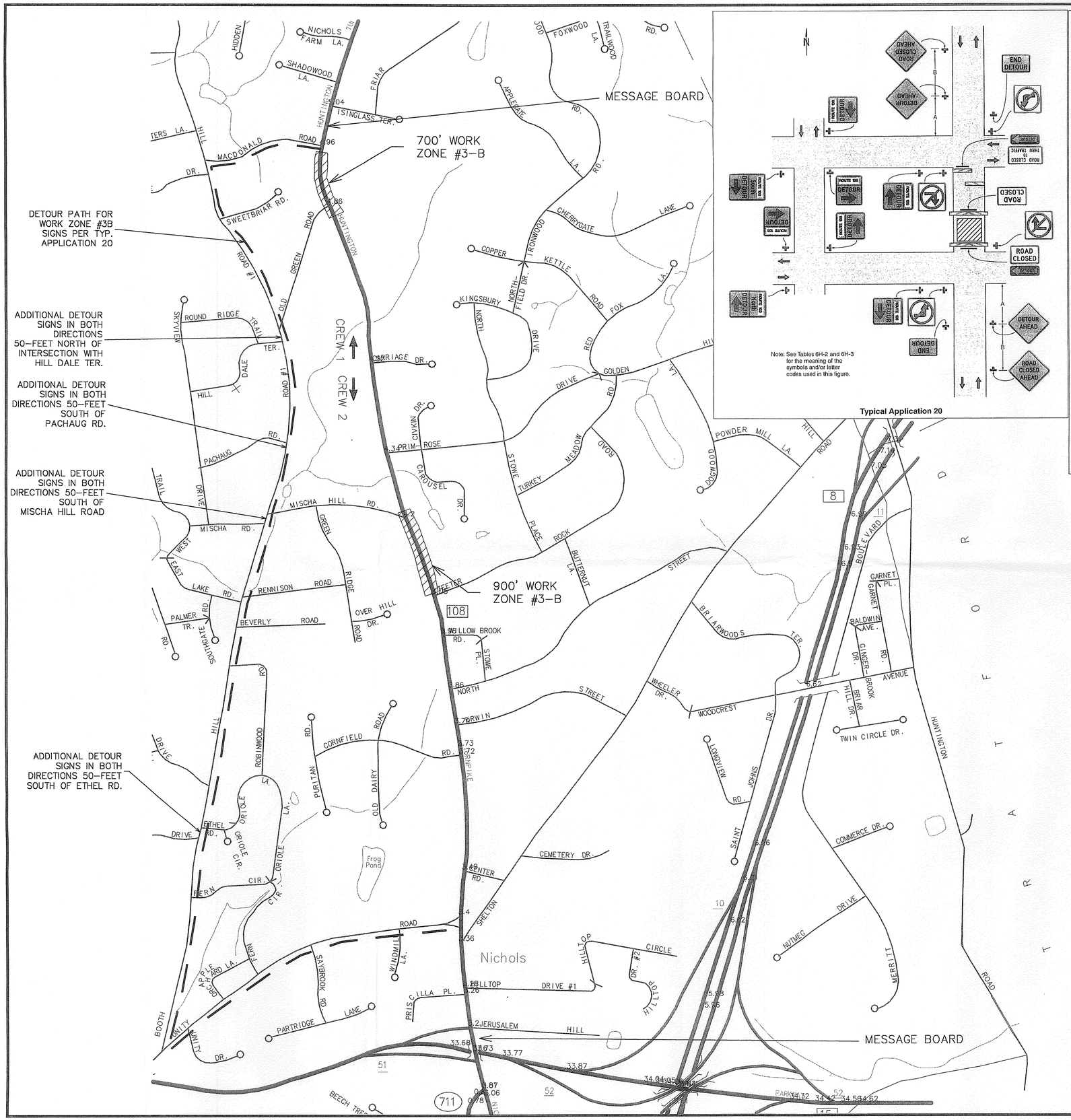


Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 20

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

Arrow board	Shadow vehicle
Arrow board support or trailer (shown facing down)	Sign (shown facing left)
Changeable message sign or support trailer	Surveyor
Channelizing device	Temporary barrier
Crash cushion	Temporary barrier with warning light
Direction of temporary traffic detour	Traffic or pedestrian signal
Direction of traffic	Truck-mounted attenuator
Flagger	Type 3 barricade
High-level warning device (Flag tree)	Warning light
Longitudinal channelizing device	Work space
Luminaire	Work vehicle
Pavement markings that should be removed for a long-term project	

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

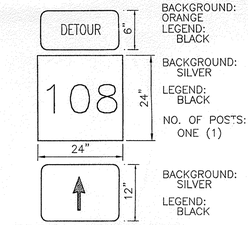
* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or *off-peak 85th-percentile* speed prior to work starting, or the anticipated operating speed in mph



ADDITIONAL DETOUR SIGN

1. THE WORK ZONE SIGN PATTERNS AND INFORMATION FROM THE MUTCD 2009 – PART 6. THE LEGEND REQUIRES ADJUSTMENT FOR EACH INDIVIDUAL PROJECT.

2. THE LEGENDS FOR THE PROPOSED DETOUR WILL ALL REFERENCE "ROUTE 108"

3. THE DOT INSPECTOR WILL REQUIRE ADJUSTMENTS IN THE WORK ZONE AS REQUIRED.

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REVISIONS

NO.	BY	DATE	DESCRIPTION

PROJECT TITLE

TRUMBULL SEWERS

CONTRACT 4 AIR TESTING AND CCTV INSPECTION

SHEET TITLE

DETOUR PLAN ZONE 3 B

DESIGNED BY: MJS	SCALE: 1"=X'
DRAWN BY: MJS	DATE: 5-13-2011
CHECKED BY: MJS	PROJECT NUMBER: 1300
CAD FILE: 1300	

SEAL

STATE OF CONNECTICUT · MANUEL JOSE SILVA · NO. 24924 · LICENSED PROFESSIONAL ENGINEER

SHEET NUMBER

DT-2B