

# NIGHT WORK

PEDESTRIAN FACILITIES BLOCKED DURING THIS CONSTRUCTION PHASE



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OWNER  
**nationalgrid**

40 SYLVAN ROAD,  
UNDERGROUND TRANSMISSION  
WALTHAM, MA 02451

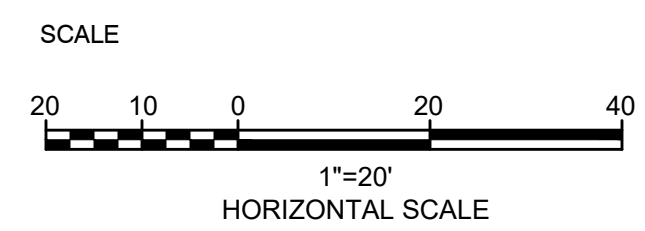
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NATIONAL GRID  
BEVERLY REGIONAL  
TRANSMISSION RELIABILITY PROJECT  
SALEM & BEVERLY, MA

SEAL

BID SET  
NOT FOR CONSTRUCTION  
ISSUED ON 11/25/2020



No.	DATE	BY	Description

REVISIONS

DRAWN BY \_\_\_\_\_ SCA  
APPROVED BY \_\_\_\_\_ AZ  
CHECKED BY \_\_\_\_\_ AZ  
DATE \_\_\_\_\_ 11/25/2020

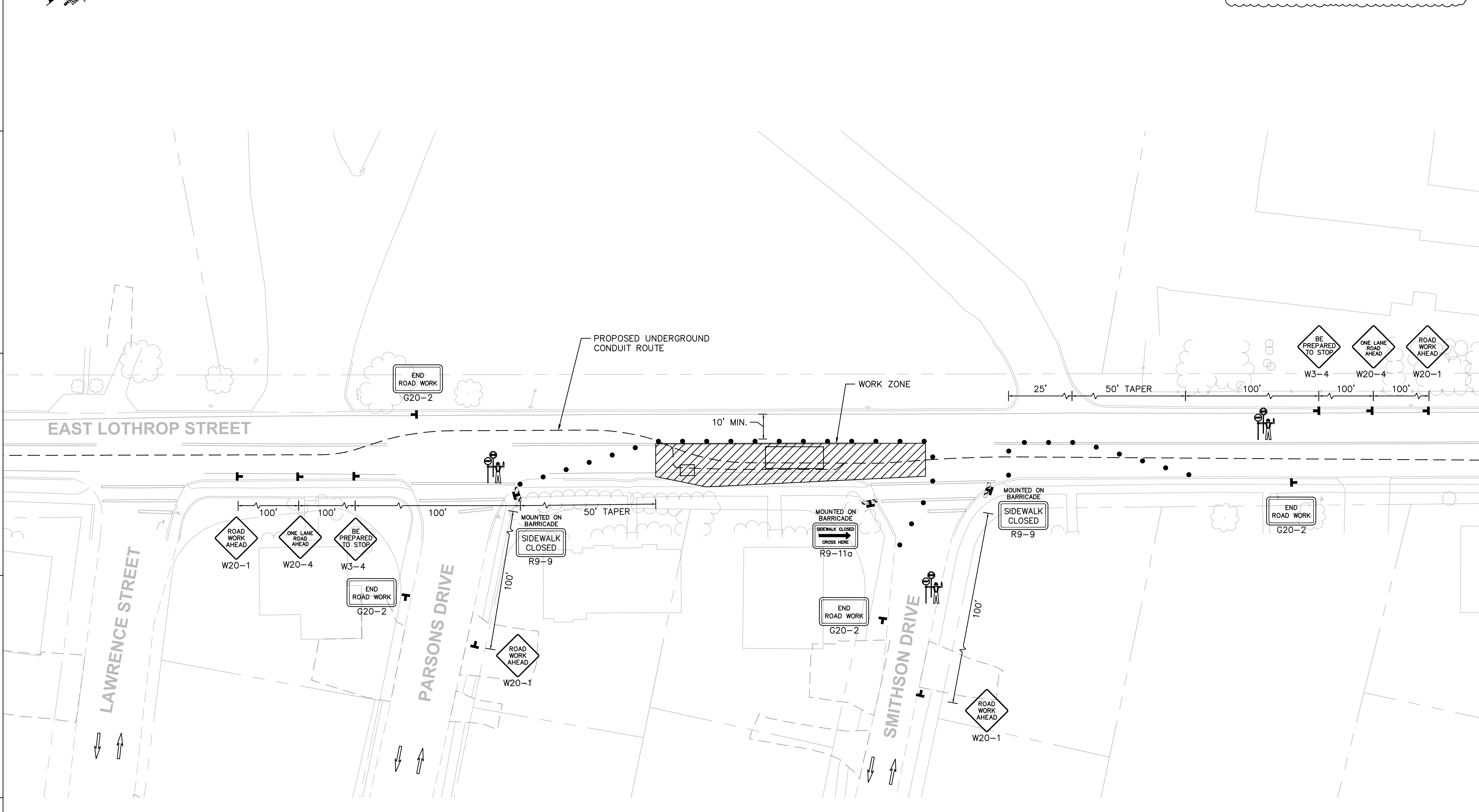
TITLE

**TRAFFIC  
MANAGEMENT PLAN**

DEWBERRY JOB NO. 50102953

SHEET NO. **TMP-88**

A  
B  
C  
D  
E



**TABLE 6C-1**  
RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING

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	2,840 FEET

\* SPEED DETERMINED BY THE HIGHWAY AGENCY

**TABLE 6C-3**  
TAPER LENGTH CRITERIA FOR TEMP. TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE-TWO WAY TRAFFIC TAPER	50 FEET MINIMUM, 100 FEET MAXIMUM
DOWNSTREAM TAPER	50 FEET MINIMUM, 100 FEET MAXIMUM

USE TABLE 6C-4 TO CALCULATE L

**TABLE 6C-4**  
FORMULAS FOR DETERMINING TAPER LENGTH

SPEED	TAPER LENGTH (L) IN FEET
40 MPH OR LESS	$L = WS^2/60$
45 MPH OR MORE	$L = WS$