

NIGHT WORK

PEDESTRIAN FACILITIES BLOCKED DURING THIS CONSTRUCTION PHASE



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OWNER
nationalgrid

40 SYLVAN ROAD,
UNDERGROUND TRANSMISSION
WALTHAM, MA 02451

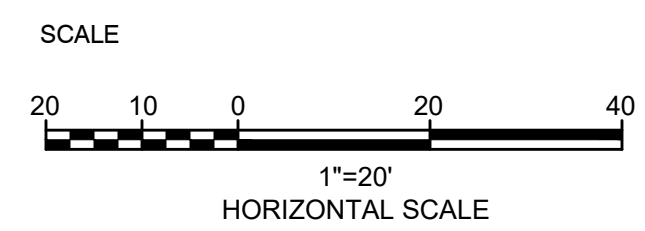
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NATIONAL GRID
BEVERLY REGIONAL
TRANSMISSION RELIABILITY PROJECT
SALEM & BEVERLY, MA

SEAL

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



| No. | DATE | BY | Description |
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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

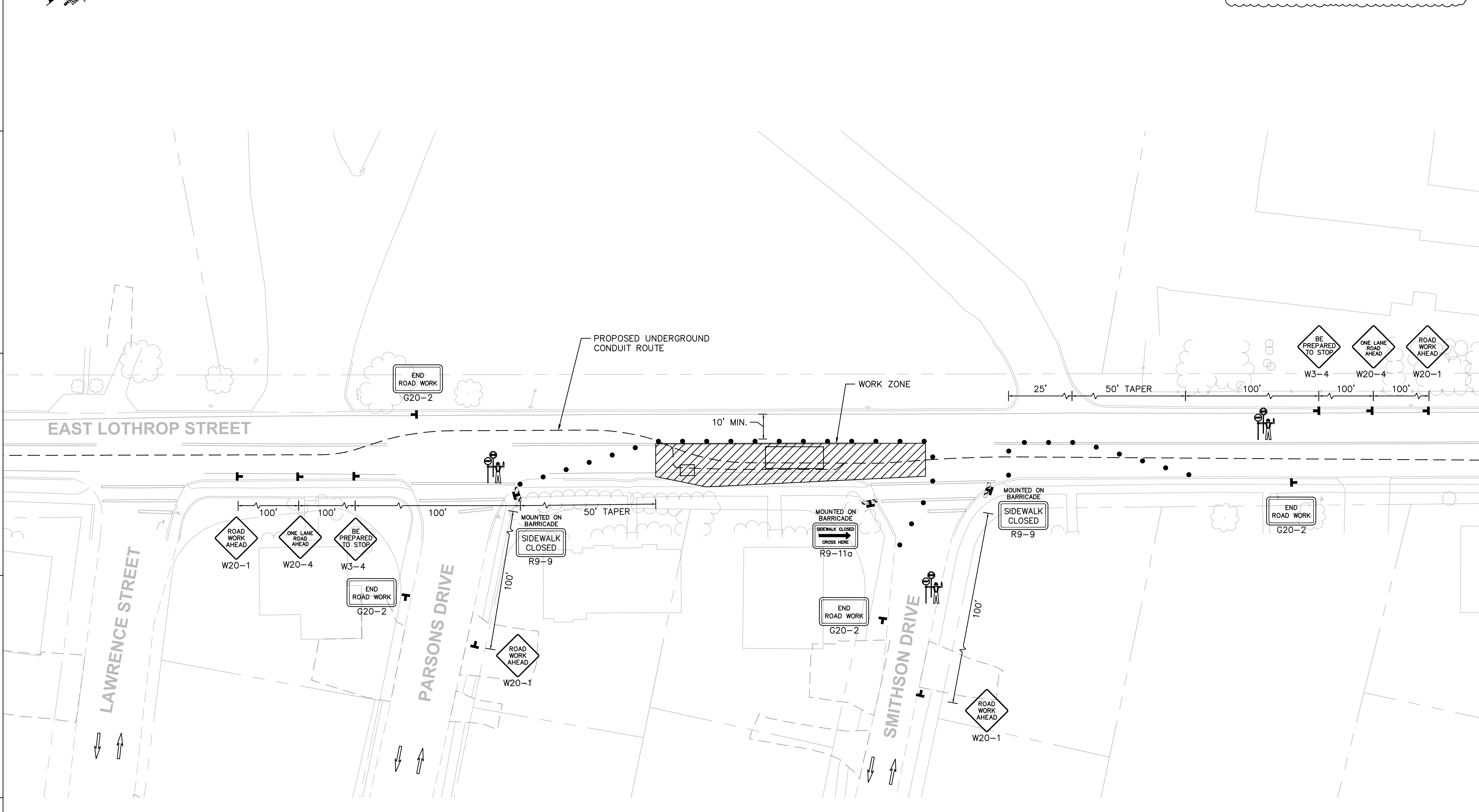


TABLE 6C-1
RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING

| 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 | $L = WS$ |