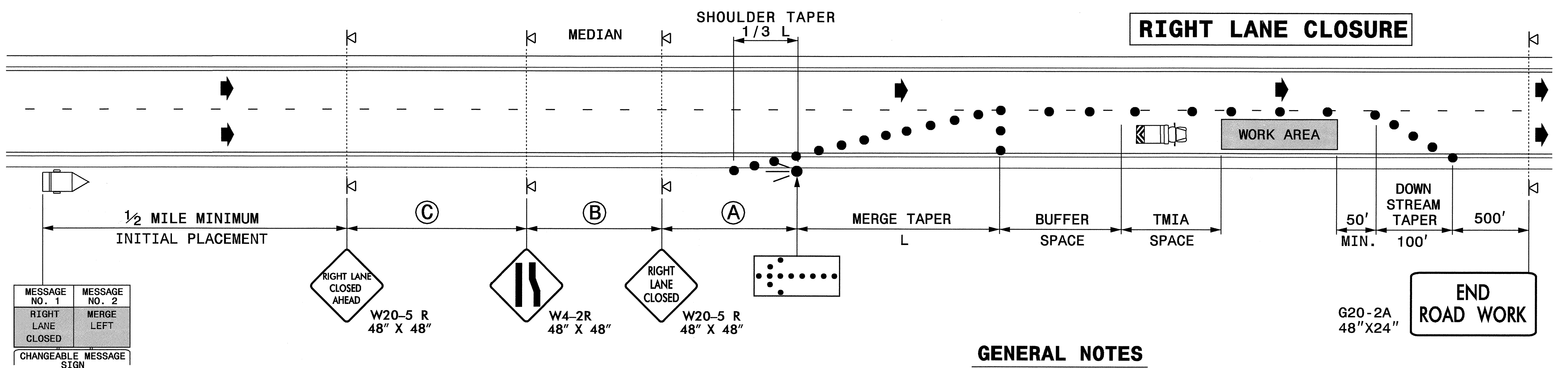
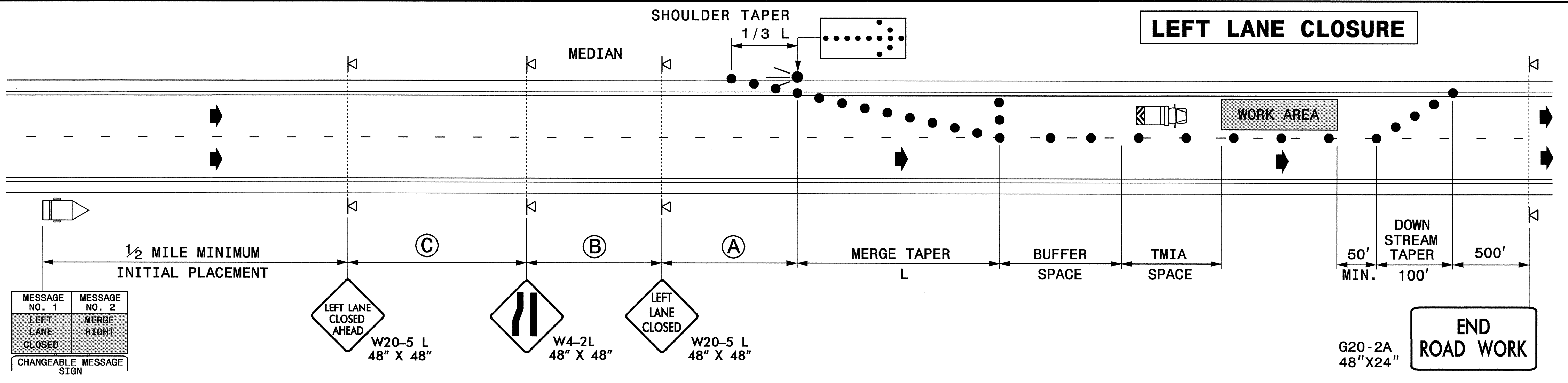


STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-05

ENGLISH STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES
DIVIDED MULTI-LANE ROADWAY-1 LANE CLOSED

SHEET 3 OF 9
1101.02



GENERAL NOTES

- IF NECESSARY USE THIS STD FOR ONE-WAY CITY TYPE STREETS WHERE SIGNS MAY BE MOUNTED ON BOTH SIDES OF THE ROADWAY.
- PLACE ARROW PANELS ON THE SHOULDER (PAVED OR UNPAVED). PLACE ARROW PANELS WITHIN THE TAPER IF SHOULDERS DO NOT EXIST. MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE ARROW PANEL LOCATION. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT STOPPING SIGHT DISTANCE TO THE ARROW PANEL IS MET. (SEE STD. 1101.11 -SHEET 2)
- PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE BUFFER SPACE AND WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- REFER TO STD. 1101.11 -SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- REFER TO SHEETS 6 AND 7 FOR TREATMENT OF LANE CLOSURES THRU INTERCHANGES.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- TMIA'S ARE REQUIRED ONLY WHEN A BUFFER SPACE CANNOT BE ATTAINED, OR WHEN DIRECTED BY THE ENGINEER OR THE PLANS. WHEN USED, POSITION THE TMIA TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THE MANUFACTURER.
- PLACE CHANGEABLE MESSAGE SIGN (CMS) ON THE OUTSIDE OF THE TRAVELWAY AS DIRECTED BY THE ENGINEER. INITIALLY LOCATE THE SIGN APPROXIMATELY 1/2 MILE IN ADVANCE OF THE W20-5 SIGN. IF IT IS ANTICIPATED THAT TRAFFIC WILL BACK UP TO WHERE THE SIGN IS LOCATED, PLACE THE SIGN APPROXIMATELY 1/2 MILE IN ADVANCE OF THE ANTICIPATED BACKUPS. CONTINUE TO MONITOR BACKUPS AND PLACE ALL FUTURE LANE CLOSURES SIGNS APPROXIMATELY 1/2 MILE IN ADVANCE OF WHERE TRAFFIC IS ANTICIPATED TO BACK UP.
- MESSAGES MAY READ "LEFT LANE CLOSED" OR "RIGHT LANE CLOSED", "MERGE RIGHT" OR "MERGE LEFT" DEPENDING ON LANE BEING CLOSED.

LEGEND

- FLASHING ARROW PANEL (TYPE C)
- TRUCK MOUNTED IMPACT ATTENUATOR(TMIA)
- CHANGEABLE MESSAGE SIGN (CMS)
- DRUM
- ▽ PORTABLE SIGN
- ← DIRECTION OF TRAFFIC FLOW

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SHEET 3 OF 9
1101.02

APPROVED: *M. McDaniel* DATE: *1/22/04*

TEMPORARY LANE CLOSURES

SCALE: NONE

DATE:

DWG. BY:

DESIGN BY:

REVIEWED BY: **MMM**

SEAL

SEAL 025895

ENGINEER

REVISIONS

CHD FILE R-4408_TCP3.DGN

18-NOV-2004 14:55
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