












**LEGEND**

-  SIGN ON PERMANENT SUPPORT
-  SIGN ON TEMPORARY SUPPORT
-  TRAFFIC CONTROL DRUM
-  TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
-  TYPE III BARRICADE
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  TYPE "A" WARNING LIGHT (FLASHING)
-  FLASHING ARROW BOARD
-  DIRECTION OF TRAFFIC
-  REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
-  WORK AREA

**GENERAL NOTES**

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45 MPH, USE SDD 15D14.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

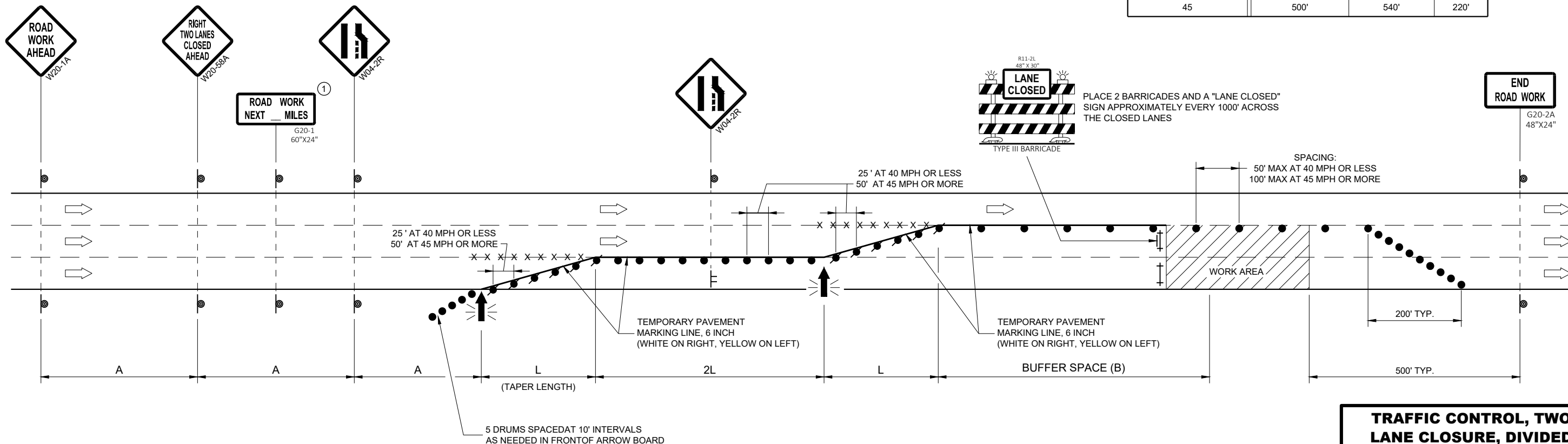
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

① OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

| POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH) | ADVANCE WARNING SIGN SPACING (A) FEET | TAPER LENGTH (12 FT. LANE) (L) FEET | BUFFER SPACE (B) FEET |
|---|---------------------------------------|-------------------------------------|-----------------------|
| 25  | 200'                                  | 125'                                | 55'                   |
| 30  | 200'                                  | 180'                                | 85'                   |
| 35  | 350'                                  | 245'                                | 120'                  |
| 40  | 350'                                  | 320'                                | 170'                  |
| 45  | 500'                                  | 540'                                | 220'                  |



**TRAFFIC CONTROL, TWO LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
DATE: May 2023 /S/ Andrew Heidtke  
WORK ZONE ENGINEER

FHWA

*Traffic Control, Two Lane Closure, Non-Freeway/Expressway***References:**

Part VI of the Wisconsin Manual on Uniform Traffic Control Devices (WMUTCD)  
[FDM 11-50-1](#), [FDM 11-50-20](#)

**Bid items associated with this drawing:**

| <u>ITEM NUMBER</u> | <u>DESCRIPTION</u>                            | <u>UNIT</u> |
|--------------------|---|-------------|
| 643.0300           | Traffic Control Drums .....                   | DAY         |
| 643.0420           | Traffic Control Barricades Type III.....      | DAY         |
| 643.0705           | Traffic Control Warning Lights Type A.....    | DAY         |
| 643.0715           | Traffic Control Warning Lights Type C.....    | DAY         |
| 643.0800           | Traffic Control Arrow Boards .....            | DAY         |
| 643.0900           | Traffic Control Signs.....                    | DAY         |
| 643.3200-3299      | Temporary Marking Line (Material) 6-Inch..... | LF          |
| 646.1000-1099      | Marking Line (Material) 4-Inch.....           | LF          |
| 646.2000-2099      | Marking Line (Material) 6-Inch.....           | LF          |
| 646.9000           | Marking Removal Line 4-Inch.....              | LF          |
| 646.9060           | Marking Removal Line 6-Inch.....              | LF          |

**Standardized Special Provisions associated with this drawing:**

| <u>STSP NUMBER</u> | <u>TITLE</u> |
|--------------------|--------------|
| NONE               |              |

**Other SDDs associated with this drawing:**

|                           |   |
|---------------------------|---|
| <a href="#">SDD 15C11</a> | Traffic Control, Channelizing Devices – Drums, Cones, Barricades and Vertical Panel |
| <a href="#">SDD 15D15</a> | Traffic Control, Exit and Entrance Ramp Within Lane Closure                         |
| <a href="#">SDD 15D21</a> | Traffic Control, Intersection within Single Lane Closure                            |
| <a href="#">SDD 15D30</a> | Traffic Control, Pedestrian Accommodation (if sidewalk will be closed)              |

**Design Notes:**

This drawing may be used when closing two lanes of a non-freeway/expressway. For two-lane short-term closures on freeways/expressways, see SDD 15D14. Caution should be exercised before using this detail for long-term closures. Examine the need for restrictions on the times of day or week when two lanes may be closed. Compare the vehicle capacity of the remaining open lane(s) to the hourly traffic volumes. To reduce congestion, include appropriate lane closure restrictions in the Special Provisions. If there will be intersections or ramps within the two-lane closure, additional traffic control details are needed. SDD 15D23 or 15D15 may be appropriate.

Additional warning signs may be desirable further in advance of the two-lane closure.-On projects which spread over long distances, the G20-1 "Road Work Next x Miles" signs may be repeated at intervals of 2 or more miles, and/or beyond intersections with state or county trunk highways. Additional signs should be shown on a traffic control overview sheet.

Closer drum spacing (e.g. 25 or 50 feet) along the buffer space and work area may be justified in urban areas, on congested roadways, along drop offs, or during work at night. If closer spacing is desired, it may be specified on separate plan sheets or in the Special Provisions.

**Contact Person:**

Andrew Heidtke (414) 220-6802