

LEGEND

- 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)
- REMOVING PAVEMENT MARKINGS
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"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.

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

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

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS.

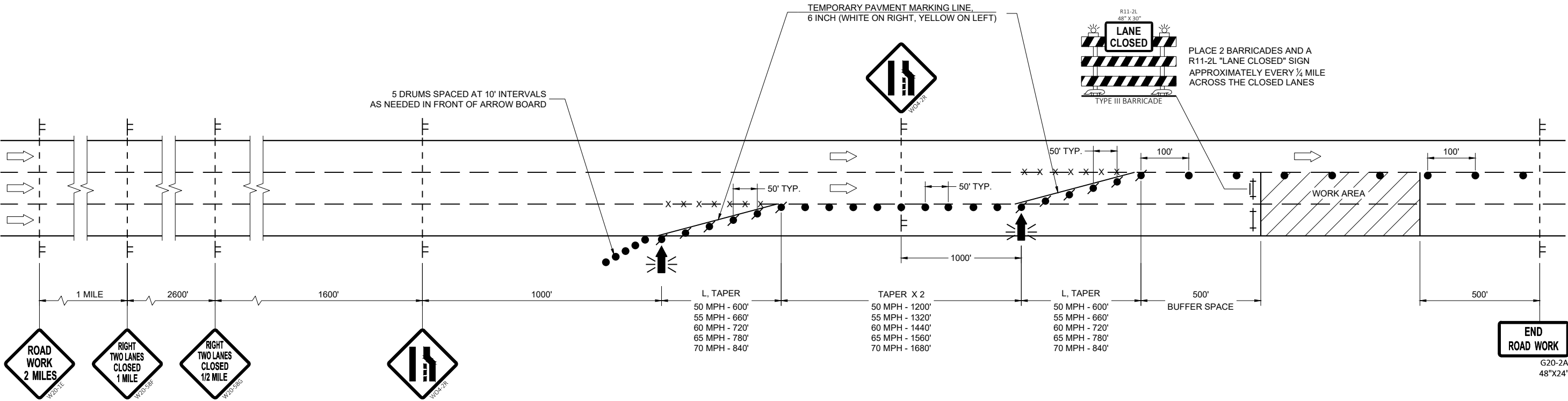
WHEN A RAMP OR SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

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.

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



TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

*Traffic Control, Two Lane Closure on Freeway or Expressway***References:**

Part VI from the Wisconsin Manual on Uniform Traffic Control Devices (WMUTCD)

[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
643.0715	Traffic Control Warning Lights Type C	DAY
643.0800	Traffic Control Arrow Boards	DAY
643.0900	Traffic Control Signs	DAY
643.1050	Traffic Control Signs PCMS	DAY
643.3200-3299	Temporary Marking Line (Material) 6-Inch	LF
643.3760	Temporary Raised Pavement Marker Type I	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:

SDD 15D15	Traffic Control, Exit and Entrance Ramp with Lane Closure
SDD 15C02	Traffic Control, Advanced Width Restriction Signing
SDD 15C11	Traffic Control, Channelizing Devices – Drums, Cones, Barricades and Vertical Panels

Design Notes:

Discuss the method of traffic control with the Regional Traffic Unit before using this detail. Before closing two lanes in the same direction, the vehicle capacity of the remaining open lane(s) should be compared to the hourly traffic volumes. To reduce congestion, the Special Provisions should restrict the times of the day when two lanes may be closed.

Additional warning signs may be desirable further in advance of the two-lane closure, especially if congestion is likely to occur (e.g. substitute "Right/Left Two Lanes Closed 2 Miles" signs for the W20-1 "Road Work 2 Miles" signs and add W20-1 signs at 3 miles in advance). Traffic Control Signs PCMS (Item 643.1050) or Traffic Control Signs Fixed Message (Item 643.1000) may be used to provide information or times of the day the lanes will be closed. Additional signs should be shown on a traffic control overview sheet or be required by Special Provision. If Fixed Message Signs are used, there need to be plan details showing the special sign layouts.

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

Contact Person:

Andrew Heidtke (414) 220-6802