

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

Part 6, Manual on Uniform Traffic Control Devices (MUTCD)
[FDM 11-50-1](#), [FDM 11-50-20](#)

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
643.0100	Traffic Control (project)	EACH
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
646.0600	Removing Pavement Markings	LF
649.0400	Temporary Pavement Marking Removable Tape 4-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 Within Lane Closure
SDD 15d23	Traffic Control, Intersection Within Two Lane Closure
SDD 15d30	Traffic Control, Sidewalk Closure (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, especially if congestion is likely to occur (e.g. substitute "Right/Left Two Lanes Closed xx Ft/Mile" signs for the W20-5 (Mod.) and W20-1 signs shown, and add W20-1 signs further in advance). 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 or be required by Special Provision.

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 dropoffs, or during work at night. If closer spacing is desired, it may be specified on separate plan sheets or in the Special Provisions.

When computing quantities, include enough Type III barricades and signs to place two barricades and a "LANE CLOSED" sign across the closed lanes approx. every 1000 feet.

The standard size of diamond-shaped warning signs is 48" x 48". If necessary due to space constraints in urban areas, 36" x 36" signs may be used instead. If 36" x 36" signs will be allowed, indicate it in the plans, Misc. Quantities, or Special Provisions.

Removing existing pavement markings and placing temporary markings are typically needed only if the two-lane closure will be in place for 4 or more continuous days and nights. For shorter periods, the designer may specify marking removal and temporary markings if desired. The temporary marking item 649.0100 may be used instead of removable tape if the temporary marking is not being placed on permanent pavement, especially if there will not be revisions to the marking for a subsequent stage on the same pavement surface.

Contact Person:

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