

Maintaining Traffic SECTION 2

OF THE
REQUIREMENTS, REGULATIONS AND
SPECIFICATIONS
FOR
CONSTRUCTION WITHIN THE RIGHT-OF-WAY
OF PUBLIC ROADS
UNDER THE JURISDICTION OF THE

EMMET COUNTY ROAD COMMISSION

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ADOPTED OCTOBER 7, 1994

LAST AMENDMENT DATE:

December 7, 2012

SECTION 2

Maintaining Traffic

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2.1 Maintaining Traffic

A. Description

Traffic shall be maintained at all times in accordance with the current Michigan Manual of Uniform Traffic Control Devices (MMUTCD), Michigan Department of Transportation Standard Specifications for Construction, and as herein specified, at the expense of the permit holder.

B. Construction Influence Area

The Construction Influence Area (CIA) shall consist of the width of the project right-of-way from 500 feet before the project Point of Beginning (POB) to 500 feet beyond the project Point of Ending (POE) and 500 feet in each direction along all cross roads.

1. CIA Signs

ROAD WORK AHEAD signs (W21-4) shall be placed at the CIA limits described above and shall remain in place until project completion. Signs that remain in place overnight shall be "Diamond Grade" or have flashing amber warning lights attached.

C. Shoulder and Lane Closures

1. Shoulder Closure (See FIGURE 2-2)

A Shoulder Closure may be used for all work in the right-of-way that is outside of the driving lane (11' wide) where work activities, equipment or workers do not occupy or interfere with the driving lane. The public must have full and unobstructed use of the entire lane.

2. Lane Closure (See FIGURE 2-1)

A Lane Closure shall be used whenever work activities, equipment, or workers occupy or encroach upon the driving lane. If any part of the lane is needed for work activity the entire lane shall be closed.

D. Road Closures and Detours

1. Approval

All Road Closures and Detours must be approved by the Commission and any other agency that has jurisdiction over any portion of the detour route or road to be closed. A detailed detour plan shall be submitted for approval including the following:

- Map or drawing showing road closure location, detour route, and road names.
- Proposed signs and barricades with described sign legends.

2. 911 Notification

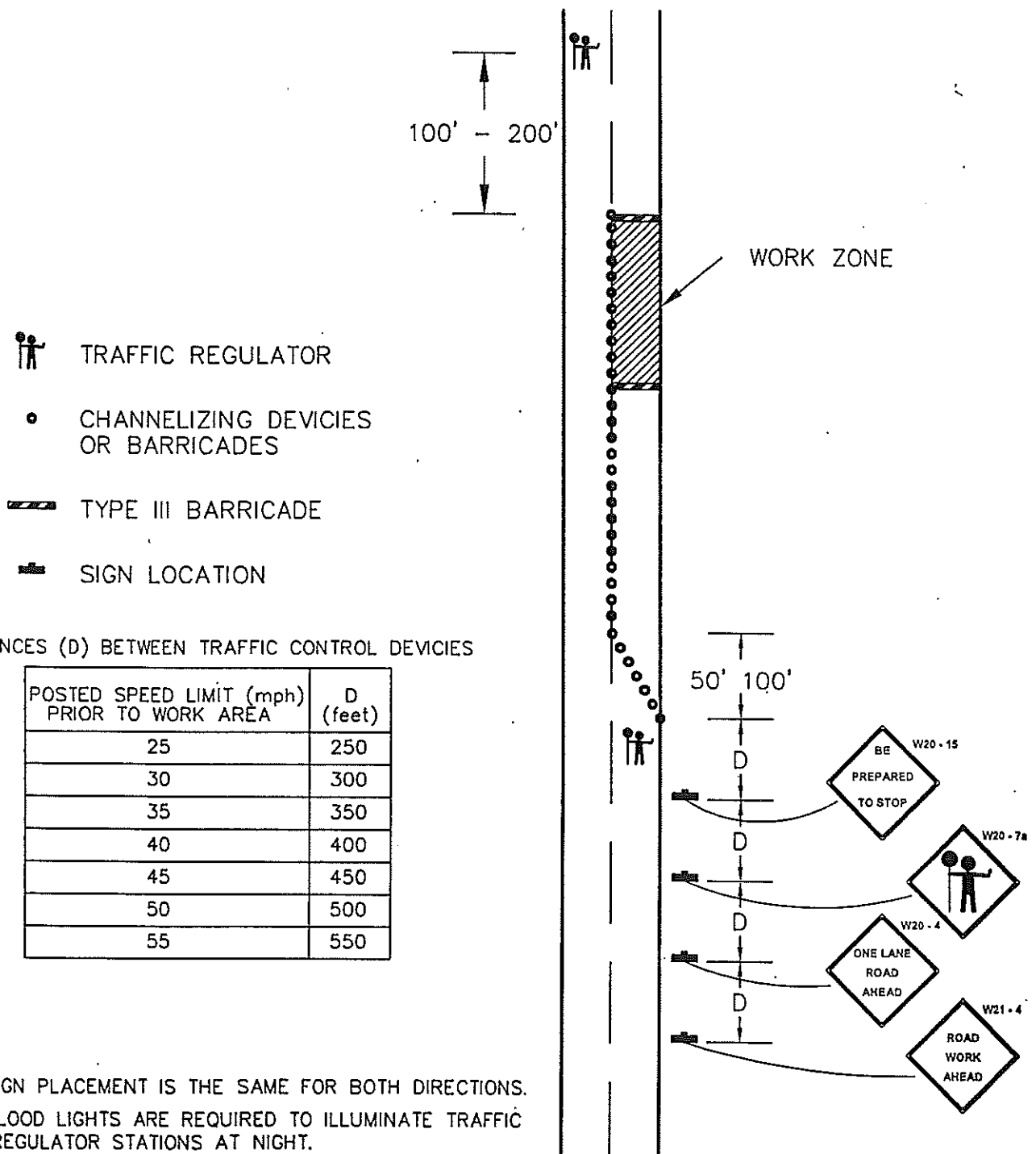
The Permit Holder shall notify 911 Emergency Services with the date, time and location of all road closures and shall also give notice when the road is reopened to traffic.





E. Edge Drops, Soft or Rutted Shoulders, Open Cuts, and Trenches

1. Road shoulders and driveway approaches shall be maintained daily, flush with the road surface, free of ruts, and in a stable condition (no loose or soft material). If shoulders are not maintained daily, per above, Lighted Barrels or Type II Barricades must be placed along the shoulder, with a maximum spacing in feet equal to the speed limit of the road (55 mph = 55 feet spacing, etc.). Advance warning signs must be placed to advise motorists of the up coming condition.

2. Open Cuts and Trenches will not be allowed to remain open over night without permission from the Commission and approval of all safety and traffic control measures to be implemented.

FIGURE 2 - 1
LANE CLOSURE



-  TRAFFIC REGULATOR
-  CHANNELIZING DEVICES OR BARRICADES
-  TYPE III BARRICADE
-  SIGN LOCATION

DISTANCES (D) BETWEEN TRAFFIC CONTROL DEVICES

POSTED SPEED LIMIT (mph) PRIOR TO WORK AREA	D (feet)
25	250
30	300
35	350
40	400
45	450
50	500
55	550

1. SIGN PLACEMENT IS THE SAME FOR BOTH DIRECTIONS.
2. FLOOD LIGHTS ARE REQUIRED TO ILLUMINATE TRAFFIC REGULATOR STATIONS AT NIGHT.
3. FLASHING WARNING LIGHTS AND/OR FLAGS MAY BE USED TO CALL ATTENTION TO THE ADVANCE WARNING SIGNS.
4. CHANNELLZING DEVICIES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
5. A LIGHTED ARROW PANNEL SHOULD BE USED NEAR THE TRAFFIC REGULATOR (CAUTION MODE).

FIGURE 2 - 2

SHOULDER CLOSURE

- CHANNELIZING DEVICES OR BARRICADES
- ▬ LIGHTED ARROW BOARD
- ▬ SIGN LOCATION

DISTANCES (D) BETWEEN TRAFFIC CONTROL DEVICES

POSTED SPEED LIMIT (mph) PRIOR TO WORK AREA	D (feet)
25	250
30	300
35	350
40	400
45	450
50	500
55	550

