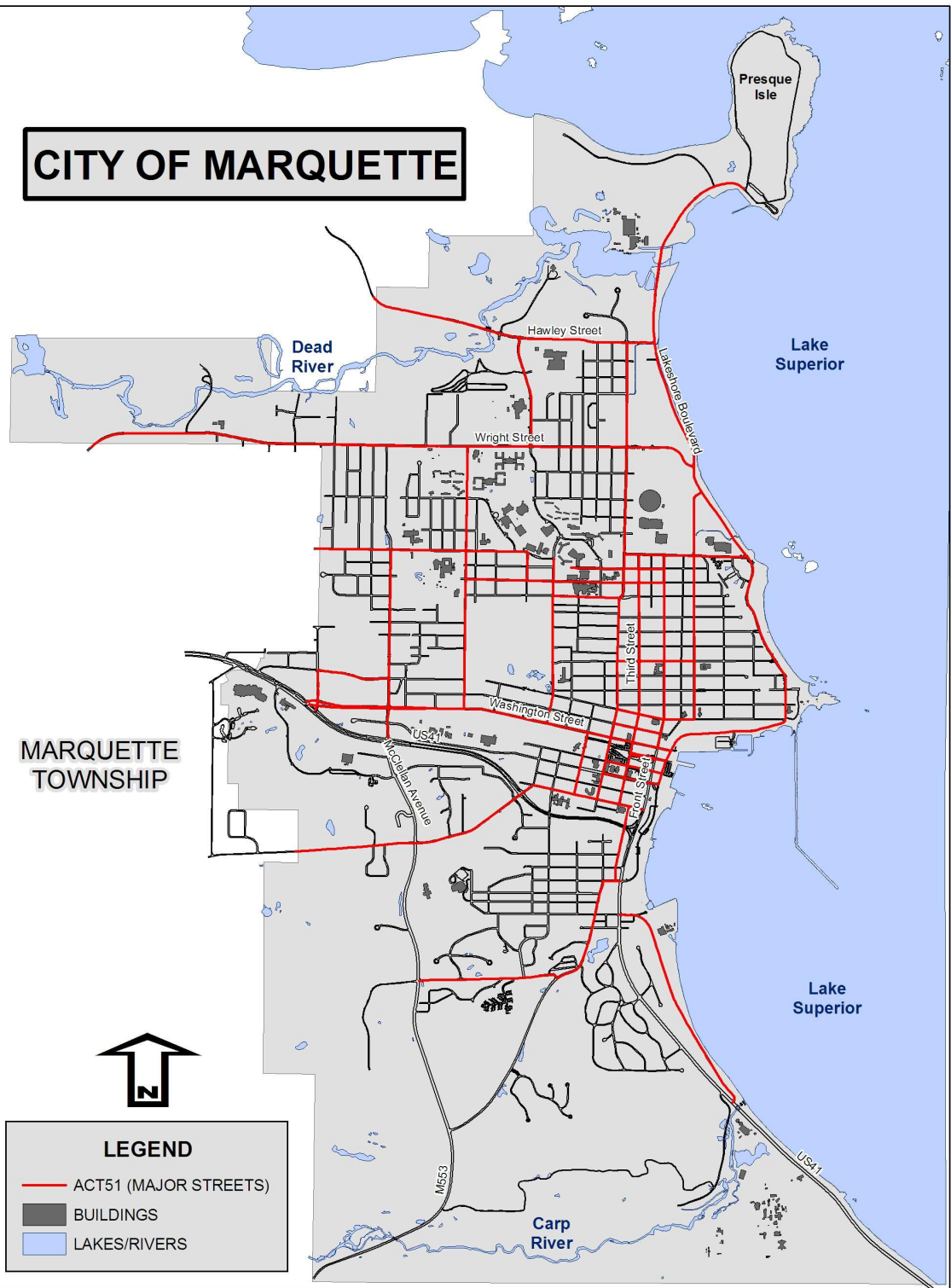


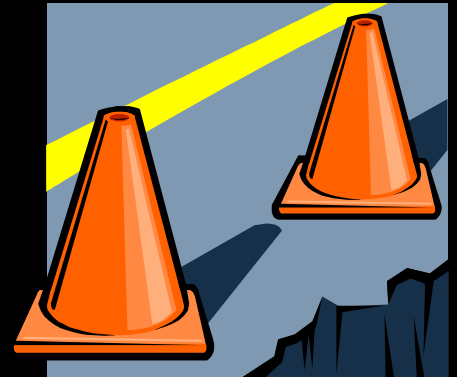
CITY OF MARQUETTE



City of Marquette
Engineering Department
300 West Baraga Avenue
Phone: (906) 228-0440
Fax: (906) 228-0445

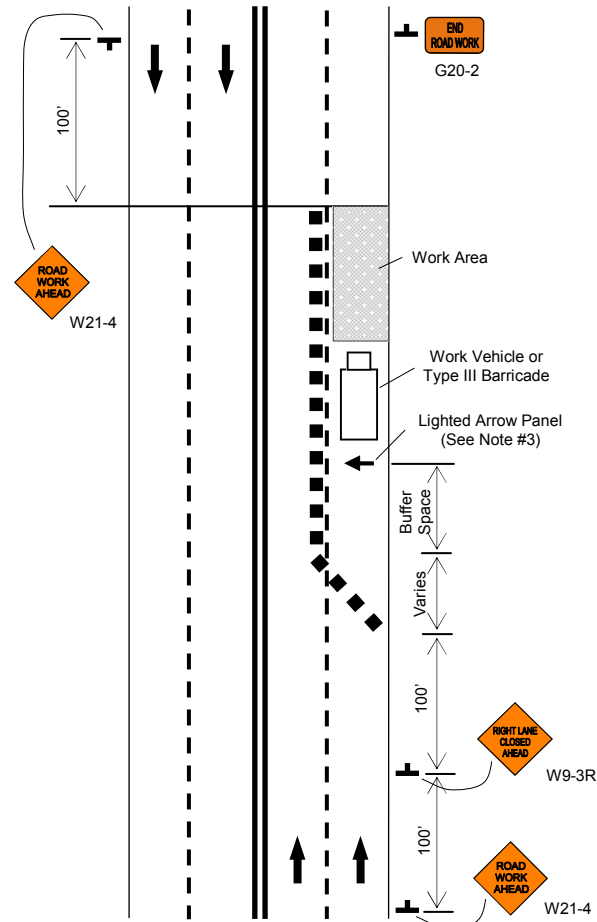
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CITY OF MARQUETTE GUIDE FOR WORK AREA TRAFFIC CONTROL (PER MMUTCD)



FOR PUBLIC UTILITY COMPANIES AND PRIVATE CONTRACTORS

EXHIBIT A. Typical Application: 4-lane undivided roadway with one lane closure.



KEY:

- Flagman (Both Directions)
- Channelizing Devices
- ⊥ Warning Sign
- ↑ Traffic Flow

NOTES:

1. Exhibits and notes are provided for guidance only, refer to the most recent Michigan MUTCD for specific situations and signage.
2. Exhibits A-D apply to operations normally completed in one day during daylight hours.
3. Any overnight projects shall provide retroreflective traffic control devices with flashing LED's. Nighttime work shall be illuminated with floodlights without producing disabling glare for approaching road users.
4. The work vehicle shall have flashing (alternating) or rotating lights activated at all times.
5. The lighted arrow panel, used in Exhibit (A), shall be required if work is performed on any major streets. It may not be required on local city streets or during other working hours as determined by the City Engineer.
6. The minimum size of all warning signs used shall be 36" x 36".
7. Portable supports are permitted for all signs shown. The minimum bottom height for these signs is one foot.

EXHIBIT B. Typical Application: Lane closure with flagging on two-lane street.

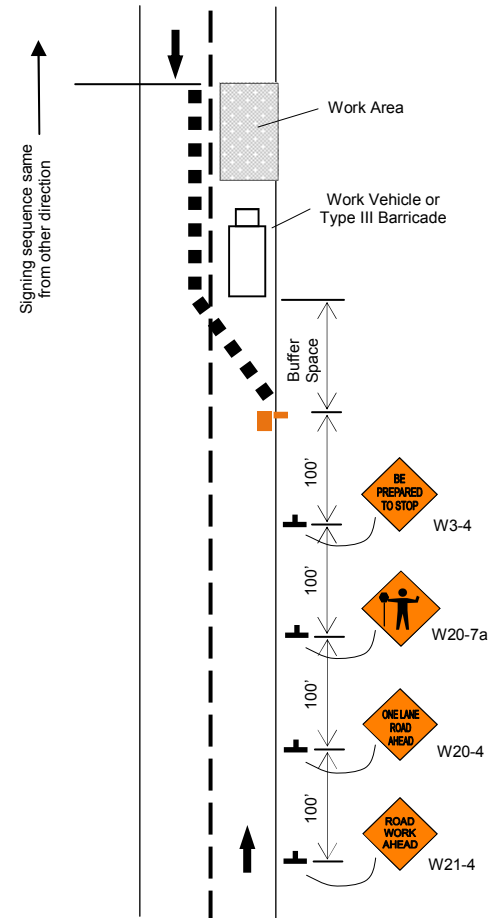


EXHIBIT C. Typical Application: Lane closure low volume residential street.

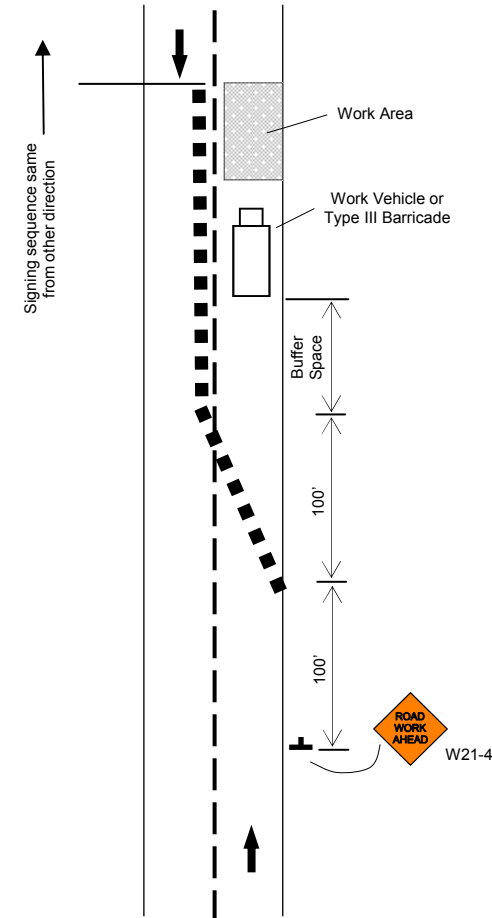
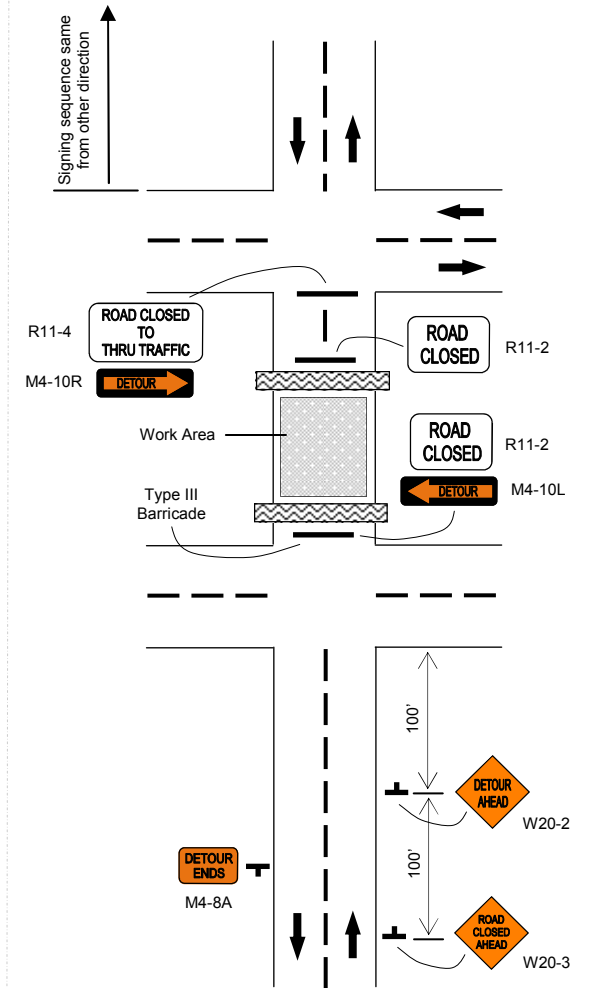


EXHIBIT D. Typical Application: Detour for closed street.



8. When one lane of a two-lane, two-way roadway is closed for work, a flagger is ordinarily required (Exhibit B). On two-lane, two-way residential-type streets, however, flaggers may not be needed if speeds and volume are low and road users can see the roadway beyond (Exhibit C).
9. All workers shall wear fluorescent orange-red or yellow-green safety apparel with retroreflective material and colors meeting all applicable safety and MI-OSHA standards.
10. Prior to starting any construction or maintenance activity within the City right of way, a permit and a signing plan shall be submitted to the City of Marquette Engineering Department for approval.
11. These plans do not preclude provisions of additional traffic control devices when deemed necessary by the City of Marquette.
12. Failure to provide the appropriate traffic control as here in described will result in Public Works placing the control and billing the contractor or utility company for time and materials.