

SECTION 01570

TRAFFIC REGULATION

1. PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Traffic Control.
- B. Signs, Signals, and Devices.
- C. Traffic Signs and Signals.
- D. Construction Parking Control.
- E. Regulators.
- F. Lighting Devices.
- G. Haul Routes.
- H. Removal.
- I. Special Notes – Divisions.

1.2 RELATED SECTIONS

- A. Section 01010 – Summary of Work.
- B. Section 01039 – Coordination and Meetings.
- C. Section 01500 – Construction Facilities and Temporary Controls: Barriers and enclosures. Access roads and parking areas.

1.3 UNIT PRICE - MEASUREMENT AND PAYMENT

- A. Traffic Control:
  - 1. Basis of Measurement: At the lump sum price bid for traffic control as stated in the proposal.
  - 2. Basis of Payment: All required traffic control measures and or traffic control devices to meet the requirements of the authority having jurisdiction. Includes all labor, material and equipment necessary to install and maintain traffic control devices.

1.4 TRAFFIC CONTROL

- A. Comply with the rules and regulations of the County, City, Township, Village, or MDOT having jurisdiction over the road.
- B. Provide, install, and maintain traffic control devices.

- C. Control devices shall conform to the Michigan Manual of Uniform Traffic Control Devices Part 6 Construction and Maintenance, Quality Standards for Work Zone Traffic Control Devices published by the American Traffic Safety Services Association (ATSSA) and the MDOT Standard Specifications for Highway Construction.
- D. Maintain through traffic unless written permission to do otherwise is obtained from the authority having jurisdiction over the road.
- E. Work hours will be from 7:00 A.M. to 7:00 P.M., Monday – Saturday. No work on Sundays or Holidays. Since Willow Highway is a major school bus route for the Grand Ledge School System, construction will need to be coordinated with the ending of the school year and completed prior to school beginning in the fall.
- F. Provide and maintain detour signs if allowed to close road.

1.5 SIGNS, SIGNALS, AND DEVICES

- A. Traffic Control Signals: As approved by local jurisdictions.
- B. Traffic Cones and Drums, and Lights: As approved by local jurisdictions.
- C. Traffic Regulators (Flagman) Equipment: As approved by local jurisdictions.
- D. Post Mounted and Wall Mounted Traffic Control and Informational Signs: Specified in paragraph 1.4 Traffic Control.
- E. Automatic Traffic Control Signals: As approved by local jurisdictions.

1.6 TRAFFIC SIGNS AND SIGNALS

- A. Install traffic control devices at approaches to Site and on Site, at crossroads, for detours, in parking areas, and elsewhere, as needed to direct construction and affected public traffic.
- B. Install and operate traffic signals to direct and maintain orderly flow of traffic in areas under Contractor's control, and areas affected by Contractor's operations.
- C. Relocate traffic control devices as Work progresses, to maintain effective traffic control.

1.7 CONSTRUCTION PARKING CONTROL

- A. Control vehicular parking to prevent interference with public traffic and parking, access by emergency vehicles, and Landowner's operations.
- B. Monitor parking of construction personnel's vehicles in existing facilities. Maintain vehicular access to and through parking areas.
- C. Prevent parking on or adjacent to access roads or in non-designated areas.
- D. Staging of equipment and storage of materials will not be allowed on business or residential parking areas without written permission from the landowner. See plans for a designated parking area.

1.8 REGULATORS (FLAGMEN)

- A. Provide trained and equipped regulators to move vehicles and pedestrians when construction operations or traffic encroach on public traffic lanes.

1.9 LIGHTING DEVICES

- A. Use lights during hours of low visibility to delineate traffic lanes and to guide traffic.

1.10 HAUL ROUTES

- A. Consult with authority having jurisdiction in establishing public thoroughfares to be used for haul routes and Site access.
- B. Confine construction traffic to designated haul routes.
- C. Provide traffic control devices and/or regulators at critical areas of haul routes to minimize interference with public traffic.

1.11 REMOVAL

- A. Remove equipment and traffic control devices when no longer required.
- B. Repair damage caused by installation.
- C. Remove post settings to a depth of 1 foot.

1.12 SPECIAL NOTES – DIVISIONS

A. Division I

- 1. A detour will be used during the Willow Highway Box Culvert and utility relocation.
- 2. This detour will use the Old River Trail and Webster Road. Local access will be provided.
- 3. Since Willow Highway is a major school bus route for the Grand Ledge School System, construction will need to be coordinated with the ending of the school year and completed prior to school beginning in the fall.
- 4. Access to the Delta Township Treatment Plant will be maintained.

B. Division II

- 1. The Canal Road crossing detour will be coordinated with the storm sewer project in Division III.
- 2. A detour will be used during the Mt Hope Highway Box Culvert construction. This detour will use Canal Road, Millett Highway and Creyts Road. Local access will be maintained.
- 3. The Walnut Grove Crossing will be constructed using part width construction.
- 4. The R. Bowlin crossing will be constructed using part width construction. Guinea Road may be closed for one to three days without a designated detour.
- 5. Central Circle will be closed to traffic during construction.
- 6. The G & K Enterprise access drive crossing will be closed to traffic.
- 7. Services for the US Post Office, newspapers and garbage pickup are to be coordinated for residents on Canal Road south of Carrier Creek.

- C. Division III
  - 1. The Canal Road storm sewer and the Canal Road Crossing will require a detour. This detour will use Mt. Hope Highway, Creyts Road and St. Joe Highway.
  - 2. Local access will be maintained.
  - 3. Services for the US Post Office, newspapers and garbage pickup are to be coordinated for residents on Canal Road south of Carrier Creek.
  - 4. Arrangements will be made to move the mailboxes and newspaper boxes and garbage collection agency.
  - 5. Access to driveways will be restored as quickly as possible prior to paving Canal Road.
  - 6. Guinea Road may be closed for one to three days without a designated detour.
- D. Division IV – not applicable.
- E. Division V – not applicable.
- F. Division VI
  - 1. Walnut Grove will remain open and will be paved prior to the completion of the project.
- G. Division VII – not applicable.
- H. Division VIII – not applicable.
- I. Division IX – not applicable.

END OF SECTION