

SECTION 01570 - Protection and Maintenance of Traffic

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Traffic Detour Plan.
- B. Construction Parking Control.
- C. Flagmen.
- D. Flares and Lights.
- E. Traffic Signs and Signals.
- F. Removal.
- G. Striping.

1.2 RELATED SECTIONS

- A. Section 01500 - Construction Facilities and Temporary Controls.

1.3 REFERENCES

- A. FDOT Section 102.

1.4 SIGNS, SIGNALS, AND DEVICES

- A. Post Mounted and Wall Mounted Traffic Control and Informational Signs.
- B. Traffic Control Signals: As approved by local jurisdictions.
- C. Traffic Cones and Drums, Flares and Lights: As approved by local jurisdictions.
- D. Flagman Equipment: As approved by local jurisdictions.

1.5 TRAFFIC DETOUR PLAN

- A. Contractor shall prepare a Traffic Detour Plan detailing detour routes and traffic control devices to be utilized when construction activities interfere with traffic on state, county and residential roadways.
- B. The Traffic Detour Plan shall be submitted to the Engineer in triplicate for approval by the Engineer, the Owner, and agencies under jurisdiction at least Two (2) weeks prior to intended construction start date. No interruption or diversion of traffic on roadways shall occur until Traffic Detour Plan is approved.

1.6 CONSTRUCTION PARKING CONTROL

- A. Control vehicular parking to prevent interference with public traffic and parking, access by emergency vehicles, and Owner'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.

1.7 FLAGMEN

- A. Provide trained and equipped flagmen to regulate traffic when construction operations or traffic encroach on public traffic lanes and when directed by the Engineer.

1.8 FLARES AND LIGHTS

- A. Use flares and lights during hours of low visibility to delineate traffic lanes and to guide traffic.
- B. Manholes, catch basins, drainage structures, valve boxes and other surface structures, extending two or more inches above/below existing ground shall have a flasher and barrel conforming to Manual of Uniform Traffic Control Devices (MUTCD).

1.9 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 at critical areas of haul routes to regulate traffic, to minimize interference with public traffic.

1.10 TRAFFIC SIGNS AND SIGNALS

- A. At approaches to site and on site, install at crossroads, detours, parking areas, and elsewhere as needed to direct construction and affected public traffic.
- B. Install and operate traffic control signals to direct and maintain orderly flow of traffic in areas under Contractor's control, and areas affected by Contractor's operations.
- C. Relocate as Work progresses, to maintain effective traffic control. Work shall not progress until sufficient project restoration is satisfactorily completed as approved by the Engineer.

1.11 REMOVAL

- A. Remove equipment and devices when no longer required.
- B. Repair damage caused by installation.

1.12 TEMPORARY STRIPING

- A. In all instances where traffic has to be relocated, temporary striping will be constructed to help control traffic flow.

1.13 MISCELLANEOUS

- A. Access to private homes, schools, police and fire stations shall be maintained at all times.
- B. All piles of excavated material not to be utilized for backfill material shall be removed from the roadway area the same day and shall not impede traffic flow.

- C. The Contractor shall inspect the Contract Area each day to ascertain what work is necessary to properly maintain and protect pedestrian and vehicular safety. This is especially true on nights and weekends and other times when no work is in progress. The costs of this inspection shall be included in the price bid for this item.
- D. The Contractor shall notify, in writing, with a copy to the Engineer, Police Department, the local fire department, school districts, affected homeowners, commercial and industrial businesses, etc., two (2) weeks and seventy two (72) hours in advance of street closings and road restrictions.

PART 2 - PRODUCTS

NOT USED.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Two-way traffic shall be maintained at all times on all streets and intersections covered under, or affected by, work performed under this Contract.
- B. Access to, and use of driveways shall be maintained by the Contractor with interruption of access and use kept to a minimum reasonable level.
- C. Maintenance of traffic shall be performed in accordance with applicable paragraphs of Section 102, FDOT Specifications.

**** END OF SECTION ****