

SECTION 01500

CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

PART 1. GENERAL

1.01 SECTION INCLUDES

- A. Temporary Utilities: Electricity, Lighting, Telephone Service, Water, and Sanitary Facilities.
- B. Temporary Controls: Barriers, Enclosures and Fencing, Protection of the Work, and Water Control.
- C. Construction Facilities: Access Roads, Parking, Progress Cleaning, Project Signage, and Temporary Buildings.

1.02 RELATED SECTIONS

- A. Section 01570 - Traffic Regulation.

1.03 TEMPORARY ELECTRICITY

- A. Provide and pay for power service required from utility source.
- B. Provide power outlets for construction operations.

1.04 TEMPORARY LIGHTING

- A. Provide, maintain, and pay for lighting as required to maintain specified conditions for construction.

1.05 TEMPORARY HEAT

- A. Provide and pay for heat devices and heat as required to maintain specified conditions for construction operations.

1.06 TEMPORARY VENTILATION

- A. None.

1.07 TELEPHONE SERVICE

- A. Provide, maintain and pay for telephone service to field office and Engineer's field office at time of project mobilization. (When field office is required.)

1.08 TEMPORARY WATER SERVICE

- A. Provide, maintain and pay for suitable quality drinking water for service to field office. (When field office is required.)

1.09 TEMPORARY SANITARY FACILITIES

- A. Provide and maintain required facilities and enclosures.
- B. At end of construction, return facilities to same or better condition than originally found.

1.10 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas, to allow for Authority's use of site, and to protect existing facilities and adjacent properties from damage from construction operations.
- B. Protect non-owned vehicular traffic, stored materials, site and structures from damage.

1.11 FENCING

- A. Construction: Contractor's option.
- B. Provide 4-foot high fence around construction site.

1.12 WATER CONTROL

- A. Grade site to drain. Maintain excavations free of water. Provide, operate, and maintain pumping equipment.
- B. Protect site from puddling or running water. Provide water barriers as required to protect site from.

1.13 EXTERIOR ENCLOSURES

- A. None.

1.14 INTERIOR ENCLOSURES

- A. None.

1.15 PROTECTION OF INSTALLED WORK

- A. Protect installed Work and provide special protection where specified in individual specification Sections.
- B. Provide temporary and removable protection for installed Products. Control activity in immediate work area to minimize damage.
- C. Prohibit traffic from landscaped areas.

1.16 SECURITY

- A. Provide security and facilities to protect Work and existing facilities from unauthorized entry, vandalism, or theft.

1.17 ACCESS ROADS

- A. Construct and maintain temporary roads accessing public thoroughfares to serve construction

area.

- B. Extend and relocate as Work progress requires. Provide detours necessary for unimpeded traffic flow.
- C. Provide and maintain access to fire hydrants free of obstructions.
- D. Provide means of removing mud from vehicle wheels before entering streets. Designated existing on-site roads may be used for construction traffic.

1.18 PARKING

- A. Provide temporary gravel surface parking areas to accommodate construction personnel.
- B. When site space is not adequate, provide additional off-site parking.
- C. Do not allow vehicle parking on existing pavement.
- D. Designate one parking space for the Authority.

1.19 PROGRESS CLEANING

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition.
- B. Remove waste materials, debris, and rubbish from site periodically and dispose off-site.

1.20 PROJECT IDENTIFICATION

- A. Project sign shall meet local codes and ordinances for size and location.

1.21 FIELD OFFICES AND SHEDS

- A. Provide, maintain, and pay for project Office. The Office shall be weather-tight, with lighting, electrical outlets, heating, cooling and ventilating equipment, and equipped with sturdy furniture and drawing display table.
- B. Provide space for Project meetings with table and chairs to accommodate 6 persons.

1.22 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary above grade or buried utilities, equipment, facilities, and materials prior to Substantial Completion inspection.
- B. Clean and repair damage caused by installation or use of temporary work.
- C. Restore existing facilities used during construction to original condition. Restore permanent facilities used during construction to specified condition.

END OF SECTION