

SECTION 01571
CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

PART1 GENERAL

1.1 SECTION INCLUDES

- A. Temporary Utilities: Electricity, telephone service, water, and sanitary facilities.
- B. Temporary Controls: Barriers, enclosures and fencing, protection of the work and dust and water control.
- C. Construction Facilities: Access roads, parking, progress cleaning, project signage, and temporary buildings.
- D. Safety: Overall safety for project activities.

1.2 RELATED SECTIONS

- A. Section 01770 – Closeout Procedure

1.3 TEMPORARY ELECTRICITY

- A. Provide and pay for temporary power service from utility source to all required areas including all field offices. Contractor shall pay all monthly service costs until final acceptance.

1.4 TEMPORARY HEAT

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

1.5 TEMPORARY VENTILATION

- A. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.

1.6 TELEPHONE SERVICE

- A. Provide, maintain and pay for temporary telephone service to field office and Engineer's field office at time of project mobilization.
- B. Contractor shall pay for monthly telephone service costs until final acceptance.

1.7 TEMPORARY WATER SERVICE

- A. Provide, maintain and pay for suitable quality water service. Connect to existing water source for construction operations.
- B. Water used to test, flush and disinfect new pipelines will be provided at no cost by Owner, for first attempt. Additional attempts will require payment to Owner at wholesale rates for any and all water used.

1.8 TEMPORARY SANITARY FACILITIES

- A. Provide and maintain required facilities and enclosures.

1.9 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas to allow for Owner's use of site, and to protect existing facilities and adjacent properties from damage from construction operations.
- B. Provide protection for plant life designated to remain. Replace damaged plant life.
- C. Protect non-owned vehicular traffic, stored materials, site and structures from damage.

1.10 FENCING

- A. Construction: Contractor's option.

1.11 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 soil erosion.

1.12 DUST CONTROL

- A. Provide equipment and arrange for water to adequately control dust on project site.
- B. Comply with local government requirements for pollutants.
- C. Contractor shall be responsible for maintaining the site and adjoining paved surfaces in a dust free condition.

1.13 PROTECTION OF INSTALLED WORK

- A. Protect installed Work and provide special protection where specified in individual specification Sections.
- B. Prohibit traffic from revegetated areas.

1.14 SECURITY

- A. Provide security and facilities to protect Work, and existing facilities, and Owner's operations from unauthorized entry, vandalism, or theft.
- B. Coordinate with Owner's security program.

1.15 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 means of removing mud from vehicle wheels before leaving the site and entering streets.

1.16 PARKING

- A. Provide temporary 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.

1.17 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 weekly and dispose off-site.

1.18 PROJECT IDENTIFICATION

- A. No signs are allowed without Owner permission except those required by law.

1.19 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary above grade or buried utilities, equipment, facilities, materials, prior to Final Application for Payment inspection.
- B. Remove underground installations to a minimum depth of 2 feet.
- C. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing facilities used during construction to original condition. Restore permanent facilities used during construction to specified condition.

1.20 SAFETY AND PROTECTION

- A. Refer to Article 06.13 thru 06.16 of General Conditions for responsibility of Contractor for safety and protection.
- B. OSHA regulations to apply on this project.

PART 2 PRODUCTS-Not Used

PARTS 3 EXECUTION-Not Used

END OF SECTION