

SECTION 02100

MOBILIZATION AND SITE PREPARATION

PART 1 GENERAL

1.01 SUMMARY

- A. This Section includes mobilization, field offices, preparing construction sites for construction operations; protection of survey monuments, site maintenance, and cleanup along access and haul roads.

1.02 RELATED SECTIONS

- A. Section 01100 – Hazardous Material Abatement
- B. Section 01540 – Safety and Protection of Property
- C. Section 01562 – Dust and Air Quality Control
- D. Section 01590 – Temporary Field Facilities
- E. Section 01600 – Control of Materials
- F. Section 01620 – Signs
- G. Section 02240 – Construction Dewatering and Groundwater Control

1.03 CODES AND STANDARDS (NOT USED)

1.04 SUBMITTALS (NOT USED)

1.05 QUALITY ASSURANCE (NOT USED)

1.06 QUALIFICATIONS (NOT USED)

1.07 DELIVERY, STORAGE, AND HANDLING (NOT USED)

1.08 PROJECT/SITE CONDITIONS (NOT USED)

1.09 DEFINITIONS (NOT USED)

1.10 TOLERANCE (NOT USED)

1.11 CONSTRUCTION SITES

A. Highland Avenue Northeast Site – Needham Dewatering Drain Line

1. Coordinate access instructions with community agreements and construction access permit constraints not otherwise indicated on the Contract Drawings.

PART 2 PRODUCTS

2.01 MATERIALS AND EQUIPMENT

- A. Signs shall conform to requirements of Section 01620 – Signs.

PART 3 EXECUTION

3.01 GENERAL REQUIREMENTS

- A. Construction site entrance roads and parking areas shall be paved or covered with crushed stone to reduce vehicle tracking of sediments if not otherwise indicated. Streets used to access the work sites shall be swept daily, in accordance with Section 01562 – Dust and Air Quality Control, to remove any mud, dirt, or rock originating from the site. Trucks hauling material shall be covered and equipped with refuse gates that prevent material from falling out.
- B. Temporary facilities shall be sufficient to safely support all loads that can reasonably be anticipated during the construction period.
- C. Protect survey monuments adjacent to Contractors' work and facilities.
- D. Protect existing culverts, sewers and utilities. Replace, at no additional cost to the Authority, if damaged by the Contractor.
- E. Barricade or backfill all open holes, trenches, shafts, and depressions occurring at construction sites or occurring as part of the Work. Provide fencing around excavations as required for safety.
- F. Construction dewatering and groundwater control shall conform to Section 02240 – Construction Dewatering and Groundwater Control.
- G. Do not store materials, fuel oil or stockpile excavated material in the buffer zone as indicated. Carry out work within the buffer zone in accordance with permits and regulatory requirements.

3.02 TEMPORARY CONSTRUCTION FACILITIES AND UTILITIES

- A. Make arrangements for storage of materials and equipment in locations at the construction sites in accordance with Section 01590 – Temporary Field Facilities and Section 01600 – Control of Material.
- B. Install temporary fencing within the construction laydown areas as indicated. Temporary fencing shall be maintained in a good condition and shall be removed after completion of the Work. Unless specified otherwise, the area shall be restored to a condition equal to or better than existed prior to the start of the Work.
- C. Limit the operations and storage of equipment and materials to the areas designated in the Contractor's approved Construction Facilities Plan and are in accordance with Section 01590 – Temporary Field Facilities.

3.03 FIELD OFFICES

- A. Maintain temporary field office(s) near the work for the Contractor's use during the period of construction, in accordance with Section 01590 – Temporary Field Facilities.

3.04 SITE MAINTENANCE

- A. Keep surface irregularities of construction sites and access and haul roads well graded to prevent the generation of impact noise and ground vibrations by passing vehicles and provide a level, stable surface suitable for passenger vehicles.
- B. Control dust from operations in accordance with dust control measures specified in Section 01562 – Dust and Air Quality Control.
- C. Maintain the Site during construction in a manner that will not obstruct operations on any existing street areas. Proceed with the Work in an orderly manner, maintaining the construction site free of debris and unnecessary equipment or materials.
- D. Dispose of all debris, rubbish, hazardous materials, oil, and grease in accordance with and 01562 – Dust and Air Quality Control, Section 01100 – Hazardous Material Abatement and Section 02226 – Excavated Material Handling and Disposal and all applicable regulations.
- E. Maintain safety and security of the Site in accordance with Section 01540 – Safety and Protection of Property.

**** END OF SECTION ****