Special Specification 6405
Ground Boxes

1. DESCRIPTION
   ■ Installation. Construct, furnish, and install ground boxes complete with lids.

2. MATERIALS

   Provide new materials that comply with the details shown on the plans, the requirements of this Item, and the pertinent requirements of the following items:
   ■ Item 420, “Concrete Substructures,“
   ■ Item 421, “Hydraulic Cement Concrete,“
   ■ Item 432, “Riprap,”
   ■ Item 440, “Reinforcement for Concrete,”
   ■ Item 618, “Conduit,” and
   ■ Item 620, “Electrical Conductors.”

   Provide fabricated precast polymer concrete ground boxes in accordance with DMS-11070, “Ground Boxes.”

   Provide other precast polymer concrete ground boxes that comply with DMS-11070 except the dimensions and other details shown on the plans.

3. CONSTRUCTION

   Perform work in accordance with the details shown on the plans and the requirements of this Item.

   Use established industry and utility safety practices when installing or removing ground boxes located near underground utilities. Consult with the appropriate utility company before beginning work.

   3.1. Installation. Fabricate and install ground boxes in accordance with the details, dimensions, and requirements shown on the plans. Install ground box to approved line and grade.

   Construct concrete aprons as shown on the plans and in accordance with Item 432, “Riprap,” and Item 440, “Reinforcement for Concrete.”

4. MEASUREMENT

   This Item will be measured by each ground box installed complete in place or each ground box removed.

5. PAYMENT

   The work performed and materials furnished, in accordance with this Item and measured as provided under “Measurement,” will be paid for at the unit price bid for “Ground Box” of the types and sizes specified and for “Remove Ground Box.”
5.1. **Installation.** This price is full compensation for excavating and backfilling; constructing, furnishing, and installing ground boxes and concrete aprons; and material, equipment, labor, tools, and incidentals. All wiring connections required inside the ground box will be considered subsidiary to this bid item. Conduit will be paid for under Item 618, “Conduit.” Electrical conductors will be paid for under Item 620, “Electrical Conductors.”