SECTION 02785
ELECTRIC POWER TRANSMISSION

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Electric power transmission system and appurtenances.

B. Related Sections:

1. Section 02200 - Earthwork
2. Section 02221 - Trenching, Backfilling, Compacting.
3. Service and distribution within the building: Division 16 sections.

1.2 SUBMITTALS:

A. Record Drawings:

1. At project closeout, submit record drawings of underground electric lines and products, in accordance with requirements of Section 01720.

1.3 QUALITY ASSURANCE:

A. Codes and Standards:

1. Conform to Public Service Company of Colorado requirements and standards.

B. Costs:

1. Pay all required connection, material and meter costs.

1.4 PROJECT CONDITIONS:

A. Coordinate with and notify Public Service Company of Colorado, and aid in locating electric line locations for installation by them or their agent.

PART 2 - PRODUCTS

2.1 IDENTIFICATION:

A. Underground Type Plastic Line Marker:
1. Manufacturer's standard permanent, continuous-printed plastic tape with metallic core, intended for direct-burial service; not less than 6" wide x 4 mils thick. Provide green tape with black printing reading "CAUTION ELECTRIC LINE BELOW".

2. Provide identification markers of one of the following:
   a. Allen Systems, Inc.
   b. Emed Co., Inc.
   c. Seton Name Plate Corp.

PART 3 - EXECUTION

3.1 INSTALLATION OF IDENTIFICATION:

A. During backfilling and topsoiling of underground electric line, install continuous underground plastic line markers, located at two (2) depths, 1' below grade and 1' above pipe where grade is at least 4’ above electric lines.

END OF SECTION 02785