PART 1 GENERAL

1.1 SUMMARY

A. Includes But Not Limited To
   1. Furnishing and installing of exterior post mounted site signage as described in Contract
      Documents.

B. Related Sections
   1. Section 04443 - Incised Stone Panel Signs
   2. Section 10430 - Exterior Identification Signs

PART 2 PRODUCTS

2.1 MATERIALS

A. Post Foundation Concrete - One cu ft cement, 2 cu ft sand, 4 cu ft gravel, and 5 gallons
   minimum to 6 gallons maximum of water.

B. Post Setting Grout at Sleeves
   1. Approved Manufacturers -
      a. Normal Construction Grout A by W R Bonsal, Charlotte, NC (800) 334-0784 or (704)
         525-1621 www.bonsal.com
      b. Advantage 1107 Grout by Dayton Superior, Miamisburg, OH (800) 745-3700 or (937)
         866-0711 www.daytonrichmond.com
      c. NS Grout by Euclid Chemical Co, Cleveland, OH (800) 321-7628 or (216) 531-9222
         www.euclidchemical.com
      d. 5 Star Special Grout 110 by Five Star Products Inc, Fairfield, CT (800) 243-2206 or
         (203) 366-7900 www.fivestarproducts.com
      e. Duragrout by L&M Construction Chemicals Inc, Omaha, NE (800) 362-3331 or (402)
         453-6600 www.lmcc.com
      f. Masterflow 555 Pre-mixed Grout by Master Builders, Cleveland, OH (800) 628-9990
         or (216) 831-5500 www.masterbuilders.com
      g. Sonogrun 10K by Sonneborn Building Products, Shakopee, MN (800) 496-6067 or
         (612) 496-6000 www.chemrex.com
      h. Tamms Grout 621 by TAMMS Industries, Mentor, OH (800) 218-2667 or (815) 522-
         3394 www.tamms.com
      i. CG-86 Grout by W R Meadows, Elgin, IL (800) 342-5979 or (847) 682-4500
         www.wrmeadows.com

2.2 COMPONENTS

A. Accessible Parking Signs
   1. Sign graphics and lettering shall be minimum required by agency having jurisdiction.
   2. Sign shall have rounded corners.
   3. Sign shall meet current HEW and ANSI A117.1 accessibility codes.
   4. Letters shall be Helvetica Medium with 1/4 inch stroke.

B. Other Signs

C. Posts -
   a. Nominal 2 inch outside diameter by 7 feet high with wall thickness equivalent to
      Schedule 40 with satin brushed natural finish for aluminum or factory two-part epoxy
      paint for steel.
   b. 2 inch square 14 ga Quik-Punch or Telespar by Allied Tube & Conduit, Harvey, IL
      (800) 882-5543 or (708) 339-1610 www.alliedtube.com
   c. Equal as approved by Architect before installation. See Section 01600.
D. Mounting Sleeves - Nominal 2-1/4 inch outside diameter pipe, or 2-1/4 inch square 12 ga Quik-Punch, 30 inches long.

PART 3 EXECUTION

3.1 INSTALLATION

A. Install signs square and plumb.

B. Post Foundations
   1. Except atop retaining walls, mix concrete components thoroughly, place in post foundation holes 8 inches in diameter by 36 inches deep, and set mounting sleeves. For installation on retaining walls, cast sleeves into retaining wall. Sleeves shall extend 2 inches maximum above top of finish concrete elevation.
      a. At mow strips, set top of post foundation below grade sufficient to allow for placing of mow strip.
      b. Where posts are installed prior to installation of slabs, measure post foundation depth from top of slab. Extend bottom of slab footing sufficient to allow specified amount of concrete around post.
      c. Where posts are installed after installation of slabs, core slab 8 inches in diameter minimum to accommodate post foundation.

C. Install post in mounting sleeve so bottom of post is 6 inches from top of sleeve. Rivet post to mounting sleeve or bolt using tamper-proof bolts.

END OF SECTION