

ITEM 721 RAISED PAVEMENT MARKER MATERIALS

721.01 Raised Pavement Marker Castings. Provide nodular iron castings in accordance with ASTM A 536, hardened to 51-55 RC, snow plowable in the two opposing longitudinal directions and designed to accommodate a replacement prismatic retroreflector.

Provide materials in accordance with the City's Qualified Products List (QPL).

721.02 Prismatic Retroreflector and Adhesive. Provide reflectors containing one or two prismatic reflective faces to reflect incident light from a single or opposite directions. Provide reflectors with nominal dimensions of 4 × 2 × 0.48 inch (100 × 50 × 12 mm). Fit the reflector securely in the recessed area and not protruding above the profile of the casting.

Provide manufacturer recommended retroreflector adhesive to bond the prismatic retroreflectors to casting.

Provide materials in accordance with the City's QPL.

721.03 Casting Adhesive. Provide adhesive in accordance with AASHTO M 237, Type IV, except having a viscosity of 200 to 900 poise at 77 + 2 °F (25 + 1 °C) and the unit weight of 11.3 to 11.9 pounds per gallon (1.35 to 1.43 kg/L).

Provide materials in accordance with the City's QPL.