

CITY OF NEW BEDFORD, MA

COUNTY STREET @ UNION STREET

4. each - 10' Aluminum Pedestals

- A. Aluminum Pedestals – shall be 10', one-piece, continuously tapered, seamless tube made of 6063-T6 or 6005-T5 aluminum alloy with a brushed aluminum finish.

2. each - 3-section, 12", RAG Signal Heads with LEDs and Post Top Mounting

6. each - 4-section, 12", RA 2 Green arrows Signal Heads with LEDs and Post Top Mounting.

- A. Vehicle signals – shall be Eagle Traffic Control Systems Co. Model SIG Series with the required 12" diameter lenses and the following requirements:

1. Body – One-piece aluminum unit with integral serrations of 5-degree increments in the end sections. Each body provided for mounting terminal blocks and attaching back plates. The body shall be painted yellow.
2. Doors – One-piece aluminum unit equipped with stainless steel hinge pins. Thumbscrews hold the door against the body. The door shall be painted flat black.
3. Visors – Once-piece aluminum tunnel unit with slotted mounting hole. Visors shall be painted yellow.
4. Gasket – Neoprene making the optical unit dust tight and ultra-violet resistant.
5. For uniformity and interchangeability, all Red, Yellow and Green signal indications with the exception of optically programmed signals shall be LEOTEK Electronics USA Corp., LEDs per City of New Bedford specifications and conforming to the following; All Red and Green signal modules shall conform to "Interim LED Purchase Specification of the Institute of Transportation Engineers, Vehicle Traffic Control Signal Heads – Part 2: Light Emitting Diode (LED) Vehicle Traffic Signal Modules", July 1998 or most current version, Institute of Transportation Engineers, (ITE), 525 School St, SW, Suite 410, Washington DC, 20024-2797.
6. Yellow LED signal modules shall conform to the above specification with the exception that the yellow modules shall meet maintained Minimum Luminous Intensity values of Table 1, Section 4 of the above referenced ITE specification of compliant green signal modules at 25°C at 120 volts AC, throughout the useful life based on normal use in traffic signal operation over temperature range.