

POWER DEPARTMENT

SPECIFICATION NUMBER PD-802A

April 22, 2004

6' Cast End Approach

METRO-NORTH COMMUTER RAILROAD

POWER DEPARTMENT

SPECIFICATION NO. PD-802A

6' CAST END APPROCHES

PART 1 – SCOPE

- 1.1 This Specification covers the manufacture, inspection, and shipment of 6' cast end approaches for use with 150 NMC third rail.

PART 2 – MATERIALS AND WORKMANSHIP

- 2.1 The end approaches shall be gray iron castings, in accordance with ASTM Standard Specification for Gray Iron Castings, Designation A48, Class 30B.
- 2.2 All castings shall be in accordance with the dimensions and tolerances indicated on the latest revision of Standard Plan No. STD-303.
- 2.3 The castings shall be smooth, true to pattern, free from defects that diminish their strength, durability or appearance.

PART 3 – INSPECTION

- 3.1 In advance of quantity manufacture, the manufacturer shall provide three (3) drilled castings for pattern verification and the approval of the Railroad.
- 3.2 At all stages of manufacture, the Railroad's representative shall have full access to the work in progress in the manufacturer's plant or elsewhere and the manufacturer shall furnish the Railroad's representative with every facility and all necessary assistance for assuring himself that the requirements of this specification are met.

PART 4 – SHIPMENT

- 4.1 End approaches shall be shipped in crates not exceeding 5000 pounds in total weight, with wooden separators to prevent damage to the contact surfaces in loading, shipping and unloading using cable slings. The design of the crates and separators shall receive the approval of the Railroad in advance of first shipment. End approaches damaged in shipment shall be replaced by the manufacturer free of cost.