

**PART 1 - GENERAL****1.1 SUMMARY**

- A. WORK INCLUDED
  - 1. Factory assembled unit with necessary mounting hardware.
  - 2. Installation and Owner's Manual
- B. RELATED WORK
  - 1. Section 11 13 13 - Dock Bumpers.
- C. REFERENCES
  - 1. Government Test Method Standard No.191A for fabric.
- D. DESCRIPTION (APPLICATION)
  - 1. Door Size - Unit shall be designed for a door opening size of \_\_\_\_" wide x \_\_\_\_" high.
  - 2. Dock Height - Loading dock height shall be \_\_\_\_".
  - 3. Bumper - Total dock bumper protection including any building wall offset or building wall overhang shall be \_\_\_\_".
  - 4. Rail Car Service Range - Unit shall be designed to service vehicles ranging in height from \_\_\_\_' - \_\_\_\_" to \_\_\_\_' - \_\_\_\_".

**1.2 SUBMITTALS**

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for dock seals.
- C. Submit dimensional detail.
- D. Submit specification.

**1.3 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide each component of individual dock seal per particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum ten years' experience.
- C. Installer Qualifications: Approved in writing by manufacturer.

**PART 2 - PRODUCTS****2.1 ACCEPTABLE MANUFACTURERS AND MODEL**

- 1. Series 500 Rail Dock Shelter as manufactured by Chalfant Sewing Fabricators, Cleveland, OH. Contact: <http://www.ChalfantUSA.com> for project quote.

**2.2 EQUIPMENT**

- A. COMPONENTS: Each (3) three sided unit shall consist of (2) two side frames, side curtains, draft pads and (1) one head frame and head curtain.
  - (  ) Optional: (4) four sided unit
- B. HEAD CURTAIN: The curtain length shall be equal to the overall unit width. Curtain drop shall be:
  - (  ) Standard: 24" High head curtain.
  - (  ) Optional: 30" High head curtain.
  - (  ) Optional: 36" High head curtain.
  - (  ) Optional: 42" High head curtain.
  - (  ) Optional: 48" High head curtain.
- C. PROJECTION: Distance from first railroad track rail closest to the wall minus 24"

- D. DRAFT PADS: Shall aid in prevention against air infiltration at the bottom of side pads, with instructions on top of pad – NO STEP.
- E. FABRIC: The unit base fabric shall be \_\_\_\_\_.
- F. FRAME FITTINGS AND FASTNERS: Frame fittings are made from ¼" thick steel and hot-dipped galvanized after fabrication. Frame fasteners are 3/8" and ½" diameter steel and also hot-dipped galvanized after fabrication.
- G. ROLLERS FOR ARM AND TRACK: Rollers are four wheel design, made of galvanized steel tested to 1,000 lb. load limit, equipped with needle bearings and sealed. Four rollers furnished with each unit.
- H. PULLEYS AND ROPES: unit is extended by spring torsion and retracted by balanced pulley and rope assembly. Pulleys are made of heavy-duty galvanized iron. Rope is heavy-duty, ¼" diameter nylon with a 1,500 lb. test break strength.
- I. UNIT CONSTRUCTION: The sewing shall be heavy-duty polyester minimum size 138 bonded. Meets Federal Specification V-T-285.
- J. WARRANTY: Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.
- K. OPTIONS:
  - (  ) Steel frame.
  - (  ) Wood frame
  - (  ) Door number on head curtain.
  - (  ) Head curtain with 6", 12", 18", 24", 30", 36" foam front.
  - (  ) Adjustable head curtain with pull ropes.

### PART 3 EXECUTION

#### 3.1 INSTALLATION

1. Install in accordance with manufacturer's instructions.
2. Caulk between the building wall and unit.