

GENERAL INSTRUCTIONS  
OUTSIDE PLANT HARDWARE

1. GENERAL

1.01 This WR sheet has been reissued to make generally available the latest information on the use of substitutes for galvanizing on outside plant material.

1.02 Due to the requirements of the national defense effort for zinc, it is necessary to supply various items of outside plant hardware with a hot dip lead coating or a painted or enameled finish. The following may be furnished or found in plant with the finish indicated.

(a) Hot dip lead coating.

Arms, Cable Extension  
Braces, Crossarm Angle  
Braces, Crossarm  
Braces, Guard Arm  
Brackets, Tandem Transposition  
Brackets, Transposition  
Clamps, Strand  
Clamp, B Adjustable Grade  
Clamp, Dead Ending  
Gain, Metal Pole  
Guards, U Cable and Straps  
Guards, Hub  
Hooks, Cable Rack  
Hook, B Drive  
Hooks, Guy  
Ladders, Manhole  
Plates, Strain  
Shields, Duct  
Shields, Guy  
Straps, Guy  
Washers

(b) Painted or enameled finish. ←

Cast iron sealing chambers for F-type cable terminals  
Guard, U Cable and Straps  
Iron castings of No. 83-type protector mountings  
Shield, Guy ←

Additional items may be included in the above lists as required by the supply situation.

1.03 When items procured locally, such as iron pipe, cannot be obtained with a standard galvanized finish, orders should specify that a hot dip lead coating be applied. In the case of pipe, the pipe should be cleaned thoroughly and completely coated inside and out with molten lead or asphalt paint.

## 2. PRECAUTIONS

2.01 Due to the relative softness of lead and paint coatings as compared with galvanizing, the protective covering will be more subject to damage. Greater care should be exercised, therefore, in handling articles finished in this manner.

2.02 Lead coated hardware is likely to become rust stained in appearance within a few months in any location, due to rusting at pin holes in the coating. The rusting tends to arrest itself and does not usually lead to corrosion of any particular consequence in the underlying steel. However, such articles and articles that are painted should be subjected to closer inspection than ordinary to insure against corrosion damage due to possible inferior coating, and replacements should be made where required.