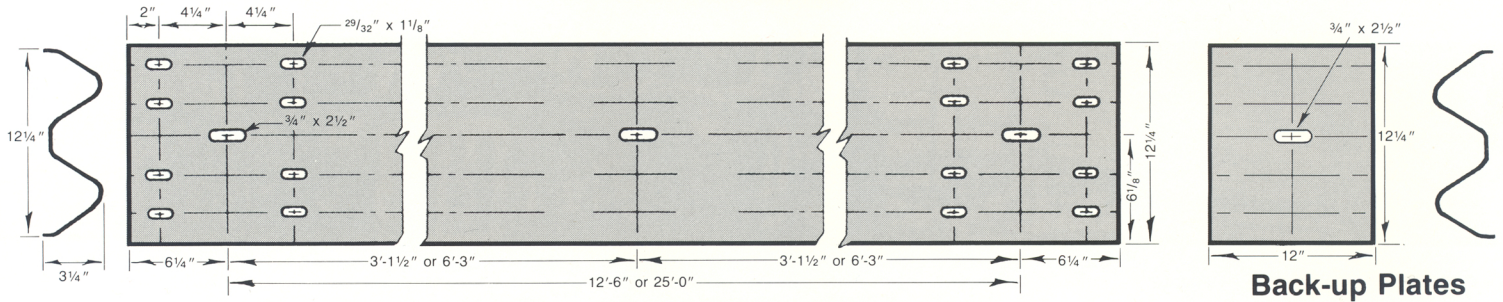


## "W" Beam Guardrail



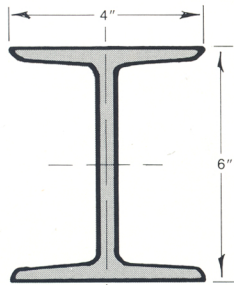
### "W"-Beam Guardrail Per AASHTO Specification M-180

Class A — 12 gauge (.105 nom.)  
 Class B — 10 gauge (.135 nom.)

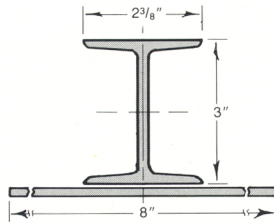
#### Types

Type 2 — Zinc Coated 3.6 oz./sq. ft.  
 Type 3 — Unfinished Beam (to be painted)  
 Type 4 — Corrosion Resistant Steel (weathering)  
 Standard Lengths are 12'6" and 25'0"  
 (Special lengths available upon request)

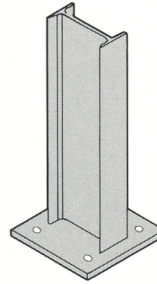
### Posts and Blocks



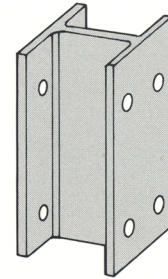
4" x 6" x 8.5# or 9#  
 Any length posts  
 (heavier structural shapes available)



3" x 5.7# x 5'3"  
 Standard Beams  
 with or without  
 welded deflection plate  
 (8" x 24")



Post on Plate  
 all sizes structural  
 various plate sizes  
 any length



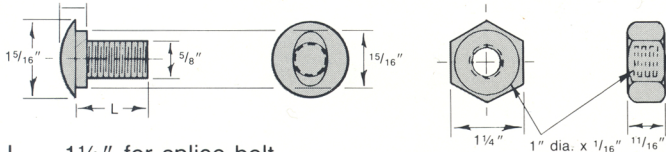
4" x 6" x 8.5# or 9#  
 13" or 14" Standard  
 any length available

*Available Hot Dip Galvanized or Corrosion Resistant Steel*

## Galvanized Hardware

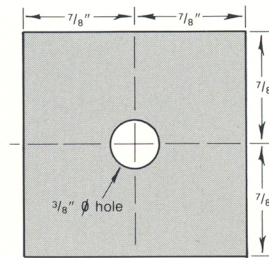
*(Some items available in corrosion resistant steel)*

### Button Head Bolt and Recessed Nut

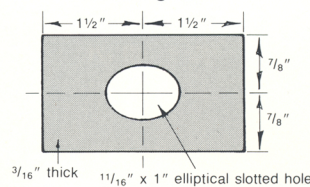


L = 1 1/4" for splice bolt  
 L = 2" for steel post bolt  
 L = 4 1/2" for rub rail post bolt  
 L = 10", 16", or 18" For wood or concrete post bolt

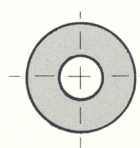
### Washers Square



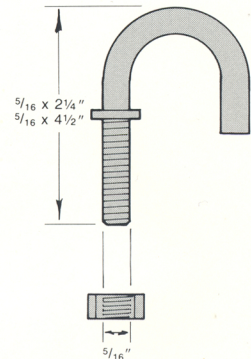
### Rectangular



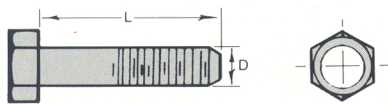
### Round



### Hook Bolts



### Hex Head Bolt and Nut



5/16 dia. x 1 3/4" long post bolt  
 1/2 dia. x 1 1/2" long support bolt  
 5/8 dia. x 1 1/2" long block bolt  
 3/4 dia. x 1 1/2" long block bolt  
 3/4 dia. x 18" long anchor bolt  
 7/8 dia. x 18" long anchor bolt