Anchor bolts A307, bolts & nuts
Base plates
Gussets at post & base plate
Post Use Table "SRAIGHT POST QUANTITIES", post V1 data
Left side: Post V1
- 3388 + 7.38-1.42)/0.61 x (3600-3388) - pike length for 76 mm tk base plate
  = 3388 + 7.38-1.42)/0.61 x (3600-3388) - (76/1000) x 348
Right side: Post V1
  = 5600 + 8.5-8.23)/0.61 x (3813-3600) - pike length for 76 mm tk base plate
  = 5600 + 8.5-8.23)/0.61 x (3813-3600) - (76/1000) x 348
West arm:
Length of mass arm
  = 30.18 m
  = 5333 kg/m
Splice plate 2 each
  = 68 kg x 2 = 136 kg
Bolts & nuts
  = 86 kg
Mounting bracket assemblies:
No. of brackets = (37.5-2.59-2.74)/1.67 = 20 spaces + 1
Clamp assembly = 15 x 39 kg
Mounting brackets = 21 x 55 kg
Gusset support at elbow 2 x 4 kg
Railway assembly:
Total weight (52.16 m x 111.6 kg/m)
  = 3589 kg
Subtotal:
  = 21963 kg
Galvanized structure + 3.5%
  = 769 kg
Total weight:
  = 22732 kg

Anchor bolts A307, bolts & nuts
Base plate
Gussets at post & base plate
Post Use Table "SLANTED POST QUANTITIES", post V1 data
Left side: Post V1
- 3411 + 7.38-1.42)/0.61 x (3627-3411) - pike length for 76 mm tk base plate
  = 3411 + 7.38-1.42)/0.61 x (3627-3411) - (76/1000) x 348
Right side: Post V1
  = 3627 + 8.5-8.23)/0.61 x (3843-3627) - pike length for 76 mm tk base plate
  = 3627 + 8.5-8.23)/0.61 x (3843-3627) - (76/1000) x 348
West arm:
Length of mass arm
  = 28.45 m
  = 5027 kg/m
Splice plate 2 each
  = 626 kg x 2 = 1252 kg
Bolts & nuts
  = 81 kg
Mounting bracket assemblies:
No. of brackets = (37.5-2.59-2.74)/1.67 = 20 spaces + 1
Clamp assembly = 19 x 39 kg
Mounting brackets = 21 x 55 kg
Gusset support at elbow 2 x 4 kg
Railway assembly:
Total weight (52.16 m x 111.6 kg/m)
  = 3589 kg
Subtotal:
  = 21610 kg
Galvanized structure + 3.5%
  = 756 kg
Total weight:
  = 22361 kg