

34 01 Operation and Maintenance of Transportation

34 01 23 – Operation and Maintenance of Railways

34 01 23.51 Maintenance of Railroads

| | | Crew | Daily Output | Labor- Hours | Unit | Material | 2022 Bare Costs | | Total | Total Incl O&P |
|------|--------------------------------------|------|-----------------|-----------------|------|----------|-----------------|-----------|-------|-------------------|
| 0010 | MAINTENANCE OF RAILROADS | | | | | | Labor | Equipment | | |
| 0400 | Resurface and realign existing track | B-14 | 200 | .240 | L.F. | | 11.50 | 1.64 | 13.14 | 18.90 |
| 0600 | For crushed stone ballast, add | " | 500 | .096 | " | 16.50 | 4.59 | .66 | 21.75 | 25.50 |

34 11 Rail Tracks

34 11 13 – Track Rails

34 11 13.23 Heavy Rail Track

| 0010 | HEAVY RAIL TRACK | R347216-10 | | | | | | | | |
|------|---------------------------|------------|--|--|------|-------|--|--|-------|-------|
| 1000 | Rail, 100 lb. prime grade | | | | L.F. | 33.50 | | | 33.50 | 37 |
| 1500 | Relay rail | | | | " | 16.85 | | | 16.85 | 18.55 |

34 11 33 – Track Cross Ties

34 11 33.13 Concrete Track Cross Ties

| 0010 | CONCRETE TRACK CROSS TIES | | | | | | | | | |
|------|------------------------------------|------|----|------|-----|-----|-------|------|--------|-----|
| 1400 | Ties, concrete, 8'-6" long, 30" OC | B-14 | 80 | .600 | Ea. | 141 | 28.50 | 4.11 | 173.61 | 202 |

34 11 33.16 Timber Track Cross Ties

| 0010 | TIMBER TRACK CROSS TIES | | | | | | | | | |
|------|--|------|----|------|-----|-------|-------|------|--------|-----|
| 1600 | Wood, pressure treated, 6" x 8" x 8'-6", C.L. lots | B-14 | 90 | .533 | Ea. | 59.50 | 25.50 | 3.65 | 88.65 | 108 |
| 1700 | L.C.L. lots | | 90 | .533 | | 62.50 | 25.50 | 3.65 | 91.65 | 111 |
| 1900 | Heavy duty, 7" x 9" x 8'-6", C.L. lots | | 70 | .686 | | 65.50 | 33 | 4.70 | 103.20 | 126 |
| 2000 | L.C.L. lots | | 70 | .686 | | 65.50 | 33 | 4.70 | 103.20 | 126 |

34 11 33.17 Timber Switch Ties

| 0010 | TIMBER SWITCH TIES | | | | | | | | | |
|------|--|------|------|--------|--------|--------|-------|-----|--------|--------|
| 1200 | Switch timber, for a #8 switch, pressure treated | B-14 | 3.70 | 12.973 | M.B.F. | 3,575 | 620 | 89 | 4,284 | 4,950 |
| 1300 | Complete set of timbers, 3.7 MBF for #8 switch | " | 1 | 48 | Total | 13,700 | 2,300 | 330 | 16,330 | 18,900 |

34 11 93 – Track Appurtenances and Accessories

34 11 93.50 Track Accessories

| 0010 | TRACK ACCESSORIES | | | | | | | | | |
|------|---|------|----|-------|-----|-------|-------|-------|----------|-------|
| 0020 | Car bumpers, test | B-14 | 2 | 24 | Ea. | 3,475 | 1,150 | 164 | 4,789 | 5,675 |
| 0100 | Heavy duty | " | 2 | 24 | " | 6,550 | 1,150 | 164 | 7,864 | 9,100 |
| 0200 | Derails hand throw (sliding) | B-14 | 10 | 4.800 | Ea. | 1,575 | 230 | 33 | 1,838 | 2,100 |
| 0300 | Hand throw with standard timbers, open stand & target | | 8 | 6 | " | 1,700 | 287 | 41 | 2,028 | 2,350 |
| 2400 | Wheel stops, fixed | | 18 | 2.667 | Pr. | 765 | 128 | 18.25 | 911.25 | 1,050 |
| 2450 | Hinged | | 14 | 3.429 | " | 1,025 | 164 | 23.50 | 1,212.50 | 1,425 |

34 11 93.60 Track Material

| 0010 | TRACK MATERIAL | | | | | | | | | |
|------|----------------|--|--|--|-----|-------|--|--|-------|-------|
| 0020 | Track bolts | | | | Ea. | 4.89 | | | 4.89 | 5.40 |
| 0100 | Joint bars | | | | Pr. | 68 | | | 68 | 75 |
| 0200 | Spikes | | | | Ea. | 4 | | | 4 | 4.40 |
| 0300 | Tie plates | | | | " | 14.85 | | | 14.85 | 16.35 |