### Hardware Item Description | Standard Requirements
--- | ---
Brace rail and top rail | See Table on Detail WM619-20
Line post | See Table on Detail WM619-20
Corner, end and pull posts | See Table on Detail WM619-20
Post cap | Cast non-ferrous alloy or galvanized pressed steel cap that fits snugly on post and gate top
Line post cap | Galvanized pressed steel minimum 3.38 mm thickness or galvanized malleable ferrous alloy
Tension band | Minimum 2.38 x 75 mm galvanized steel
Brace band | Minimum 2.38 x 75 mm galvanized steel
Bolt band | Minimum M8 x 32 mm galvanized carriage bolt, lock washer & flat washer for each bolt
Roll end | Galvanized pressed steel or galvanized malleable ferrous alloy minimum 9.53 mm thickness on back flange appendage
Brace roll end | Galvanized pressed steel or galvanized malleable ferrous alloy minimum 9.53 mm thickness on back flange appendage
Truss rod tightening | Minimum 6.4 mm formed galvanized steel
Truss rod | 9.5 mm galvanized, NC threaded rod, lock washer & flat washer with two 90° bends opposite of threaded end
Top roll sleeve | Galvanized steel 1.50 mm minimum thickness by 150 mm minimum length
Tension bar | Minimum 4.76 x 75 mm galvanized steel
Fence fabric | 50 mm diamond mesh fabric, See note no. 5 on Detail WM619-20
Fill wire | Minimum 3.76 mm aluminum with one hooked end
Gate latch | Minimum 3.18 mm galvanized pressed steel or malleable ferrous alloy, 1 latch per each single gate with bolt minimum M8 attachment bolt, washer & nut.
Frame hinge | Minimum 3.18 mm galvanized pressed steel with 2 - M8 U-bolts, lock washer & nuts per hinge, size 2 hinges per gate (not up to 2400 mm in width and 3 hinges per gate half widths greater than 2400 mm.
Drop rod latch & guide | Minimum 3.18 mm galvanized pressed steel, Drop rail guide includes M8 x 75 mm carriage bolt with lock washer & nut, Weld drop rod fork to rail & point with an approved zinc rich paint.

### WIDE SINGLE LEAF GATE

**Gate post typical**
- Install horizontal member on gates greater than 1500 mm in height (typ.)
- 600 mm minimum height
- Install equally spaced vertical uprights so that no horizontal dimension between outside members is greater than 1000 mm

**Wide single leaf gate**

**Chain link gate**

**Post and Frame Size and Mass Table**

<table>
<thead>
<tr>
<th>Gate Leaf Width</th>
<th>Round Tubing</th>
<th>Square Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Steel</td>
<td>Aluminum</td>
</tr>
<tr>
<td>1200 mm or less</td>
<td>4.83 (1.87)</td>
<td>4.83 (1.87)</td>
</tr>
<tr>
<td>Over 1200 to 2000 mm</td>
<td>5.01 (1.91)</td>
<td>5.01 (1.91)</td>
</tr>
<tr>
<td>Over 2000 mm</td>
<td>6.03 (2.37)</td>
<td>6.03 (2.37)</td>
</tr>
</tbody>
</table>

**Narrow single leaf gate**

**Residential Chain Link Hardware and Gate**

**Metric Detail**

- U.S. Department of Transportation
- Federal Highway Administration
- Western Federal Lands Highway Division

**Detail:** WM619-21

**Scale:** NO SCALE