

1 **(November 20, 2023)**

2 **Bridge Railing Type Snow Fence and Bridge Railing Type Wire Fabric**
3 **Fence**

4 Wire fabric shall be 8 gage diameter, 2 inch square wire mesh conforming to ASTM
5 F2453 Type 2 and galvanized after fabrication in accordance with AASHTO M 111.

6
7 HSS tubes shall conform to ASTM A500, Grade B.

8
9 Steel bars, plates, and shapes shall conform to either ASTM A36 or ASTM A992.

10
11 The railing assembly shall be galvanized after fabrication in accordance with AASHTO
12 M 111.

13
14 Anchor rods shall be fully threaded, conforming to ASTM F593 Type 302. Washers
15 shall conform to ASTM A193 Grade B7, galvanized in accordance with AASHTO M 232.
16 Nuts shall be tamper proof, as one of the following products from one of the associated
17 manufacturers:

18
19 Vandlgard-Nut VCN151-6 (zinc)

20 Manufactured by
21 Simi Fastening Systems
22 4615 Industrial St. Bldg. No. 1-P
23 Simi Valley, CA 93063
24 (800) 959-8256
25 FAX (805) 581-9162
26 www.simifast.com

Local Supplier
Northwest Fasteners Inc.
15127 Washington Avenue SW
Lakewood, WA 98498
(253) 582-1671
FAX (253) 581-3131

27
28 Tricroove Nut ZTRN37C (Zamak 5 zinc alloy AC41A)

29 Breakaway Nut ZNB37C (Zamak 5 zinc alloy AC41A)

30 Manufactured by
31 Screw & Supply Inc.
32 1712 Church Street
33 Holbrook, NY 11741
34 (800) 223-1316
35 FAX (631) 567-3057
36 www.screwsupply.com

Local Supplier
Tacoma Screw Products Inc.
2001 Center Street
Tacoma, WA 98409
(800) 562-8192
FAX (253) 272-2719

37
38 Spanner Nut 1N.386 (zinc alloy)

39 Manufactured by
40 TamperProof Screw Company Inc.
41 30 Laurel Street
42 Hicksville, NY 11801
43 (516) 931-1616
44 FAX (516) 931-1654
45 www.tamperproof.com

46
47 Trident Tamper Resistant Nut 37CNTNZ (Zamak 5 zinc alloy AC41A)

48 Breakaway Nut 37CNBAWZ (Zamak 5 zinc alloy AC41A)

49 Breakaway Nut 37CNBAWS (stainless steel alloy 304)

50 Manufactured by
51 Tanner Bolt & Nut Company
52 4302 Glenwood Road

1 Brooklyn, NY 11210
2 (800) 456-2658
3 FAX (888) 434-3215
4 www.tannerbolt.com
5

6 Resin bonded anchors shall conform to Section 6-02.3(18)A and Section 9-06.4.
7

8 The railing assembly shall be shop painted or powder coated after galvanizing in
9 accordance with Section 6-07.3(11). The color of the finish coat, when dry, shall match
10 the color *** \$\$1\$\$ ***.