GENERAL NOTES:

1. Work this Index with Specification 700.
2. Shop Drawings are required:
   A. Provide length as shown in the Plans
   B. Design in accordance with AISC, AASHTO, and OSHA requirements
   C. Do not start fabrication until the shop drawings are approved
3. Catwalk hangers must be positioned to avoid conflicts with the sign structure truss and gusset plates. Place walkway close to the sign with a maximum open distance from walkway grate to DNS sign of ½”.
4. Maximum spacing of Catwalk hanger supports is 3’-0”. Cantilever ends of grating is 8’.
5. Galvanized steel catwalk grating meeting the requirements of Specification 504-2.3. Must Support a 90 psf load and have a 3/16” minimum toe kick. Attach grating in accordance with the manufacturer's instructions using stainless steel or galvanized fasteners.
7. Chain link fabric options (2” mesh with knuckled selvage top and bottom for all options):
   A. AASHTO M181 Type I - Zinc Coated Steel, No. 9 gage coated wire diameter, coated at the rate of 1.6 oz/ft² (M181 Class D 2.0 oz/ft², modified to 1.8 oz/ft²).  
   B. AASHTO M181 Type II - Aluminum Coated Steel, No. 9 gage coated wire diameter, coated at the rate of 0.40 oz/ft².
8. Install 2” NPS (Sch. 40) guiderail and posts: ASTM A53 Grade B for standard weight pipe.
9. Welding:
   E70XX
10. Materials:
    A. Steel Plates ASTM A 36 or A709 Grade 36
    B. W-Sections: ASTM A572 Grade 36 or 50
    C. Steel Pipe Railings or Structural Tubing: Specification 962
    D. High Strength Bolts, Nuts and Washers: Specification 962
    E. U-Bolts, nuts and washers: Specification 962
11. Coatings/Galvanizing:
    Hot dip galvanize support frame after fabrication and galvanize non-stainless steel fasteners in accordance with Specification 962.

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NOTES:
1. See manufacturer details for walkway planks and bolting criteria.
2. Fasten securely. See grating manufacturer’s details.
**WALKWAY SUPPORT DETAILS**

**SIDE ELEVATION**

- 3'-11½" W6x15 Hanger
- 3'-5½" W6x15 Hanger
- 3'-0" Walkway Grating (Typ.)
- 2" Max. Chain Link Infill Panel
- Infill Panel to Lap Inside Toe Kick
- Fixed Base
- W8x15 Support Beam (Typ.)

**FRONT ELEVATION**

- 2½" Ø U-Bolt (Typ.) 1½" on Center
- 2½" Walkway Grating (Typ.)
- Truss Chord (Typ.)
- See DETAIL "C"

**DETAIL "C"**

- Gate (Guiderail Attachment)
- 3'-0" Walkway Grating (Typ.)
- 3'-11½" W6x15 Hanger
- 3'-5½" W6x15 Hanger
- 3'-0" Walkway Grating (Typ.)
- 2½" Max. Chain Link Infill Panel
- Infill Panel to Lap Inside Toe Kick

**ISOMETRIC VIEW**

- W6x15 Hanger
- 1½" Ø Holes (4)
- 1½" Ø Holes (4)
- Clip 1½" @ 45°
- Bolting Plate (See DETAIL "D")
- Bolting Plate (Typ.)
- Ø Galv. Steel U-Bolt
- 3½" Ø Holes (4)
- 1½" Ø Holes (4)
- Ø High Strength Hex Bolt (Typ.)
- Stiffener Plate (Typ.)
- Stiffener Plate (Typ.)
- Stiffener Plate (Typ.)
- Stiffener Plate (Typ.)
- Stiffener Plate (Typ.)

**SECTION A-A**

- W6x15 Hanger
- 1½" Ø Holes (4)
- 1½" Ø Holes (4)
- Ø Galv. Steel U-Bolt
- 3½" Ø Holes (4)
- 1½" Ø Holes (4)
- Clip 1½" @ 45°
- Bolting Plate (See DETAIL "D")

**SECTION B-B**

- W6x15 Hanger
- 1½" Ø Holes (4)
- 1½" Ø Holes (4)
- Ø Galv. Steel U-Bolt
- 3½" Ø Holes (4)
- 1½" Ø Holes (4)
- Clip 1½" @ 45°
- Bolting Plate (See DETAIL "D")

**DETAIL "E"**

- Stiffener Plate (Typ.)
- 1½" Ø Holes (4)
- 1½" Ø Holes (4)
- Ø Galv. Steel U-Bolt
- 3½" Ø Holes (4)
- 1½" Ø Holes (4)
- Clip 1½" @ 45°
- Bolting Plate (See DETAIL "D")

**WALKWAY SUPPORT DETAILS**

- W6x15 Hanger
- 1½" Ø Holes (4)
- 1½" Ø Holes (4)
- Ø Galv. Steel U-Bolt
- 3½" Ø Holes (4)
- 1½" Ø Holes (4)
- Clip 1½" @ 45°
- Bolting Plate (See DETAIL "D")

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**REVISION DESCRIPTION:**

**LAST REVISION:**

01/01/19

**STANDARD PLANS:**

FY 2020-21

**CATWALK DETAILS**

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