MAINTENANCE WALKWAY INSTALLED ON TRUSS-TYPE SIGN BRIDGE

(WALKWAYS MAY BE USED WITH OTHER LAYOUTS THAN THAT SHOWN ABOVE)

NOTES

2. For maintenance walkway, railing, grating and toe plate details, see Standard Plan G-95.19.
3. Use two lanyards through intermediate wire rope support.
4. 3/8” (in) diameter wire rope with 14 kips min. breaking strength. The wire rope shall be installed with 450 lbs. of tension, and with 6” (in) of take up adjustment available in the turnbuckle.
5. Handrail fit-up with VMS door openings is the responsibility of the contractor.

MATERIAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Material</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>PIPE</td>
<td>ASTM A 36 or ASTM A 53 Grade B, Type E or S, or ASTM A 500 Grade B</td>
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<tr>
<td>PLATES AND SHAPES</td>
<td>ASTM A 36</td>
</tr>
<tr>
<td>STRUCTURAL TUBING</td>
<td>ASTM A 600 Grade B</td>
</tr>
<tr>
<td>GALVANIZING FOR PIPE</td>
<td>AASHTO M 111</td>
</tr>
<tr>
<td>FASTENER GALVANIZING</td>
<td>ASTM F2320</td>
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<tr>
<td>STEEL GRATING</td>
<td>ASTM A 36</td>
</tr>
<tr>
<td>WIRE ROPE</td>
<td>ASTM A 620 W Class A Weight Zinc Coated Wires Throughout</td>
</tr>
</tbody>
</table>

ALLOWABLE ALTERNATE MATERIAL: FEDERAL STANDARD R5-W-410F TYPE B CLASS 5 GALVANIZED.

Handrail fit-up with VMS door openings is the responsibility of the contractor.

NOTES

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MAINTENANCE WALKWAY
PARTIAL PLAN

VMS HOUSING

STEEL GRATING (TYP.)

1" MAX. CLR. (TYP.)

W4 x 13 MOUNTING BEAM (TYP.)

WALKWAY ENTRANCE (INSIDE OPENING SWING GATE)

TOE PLATE (ALL-AROUND)

4'-0" MAX. (TYP.)

W4 x 13 AND POST

MAINTENANCE WALKWAY MOUNTING FOR MAINTENANCE WALKWAY

SECTION B

TRUSS-TYPE SIGN BRIDGE

TRUSS CHORD

W4 x 13 MOUNTING BEAM

3/8" DIA. U BOLTS W/ HEX LOCK NUTS & FLAT WASHERS

DETAIL "A"

HOLE DIAM. = BOLT DIAM. + 1/16" 5" WHEN AN INTERMEDIATE SUPPORT IS USED

DETAIL "B"

3/4" x 4" x 8" PLATE 2" R

3/4" x 3" SLOTTED HOLE

SECTION C

TRUSS-TYPE SIGN BRIDGE

W4 x 13 AND RAILING POST

W4 x 13 AND POST

TOP OF TOE PLATE

FACE OF VMS

ENTRY PANEL

W4 x 13 MOUNTING BEAM

NOTE 5, LOCATED ON SHEET 1

3 1/2"

5'-0"

1/2" MIN. CLR.

1 1/8"

3/8" DIA. U BOLTS W/ HEX LOCK NUTS & FLAT WASHERS