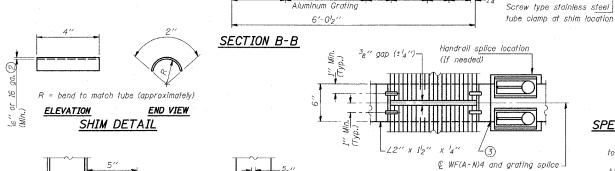


Light Fixture

(If required)

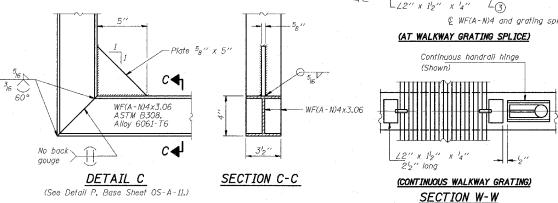
ch th ch

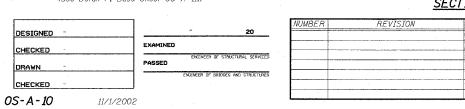


(TIESTO

Aluminum Grating

2'-0'' Standard 7'2'' 10³4'' 6'2'' 6'2''





SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be $^3{}_{l6}$ " x $^1{}_2$ " on $^1{}^3{}_{l6}$ " centers and conform to ASTM B221 Alloy 6061-T6. Cross bars shall be $^3{}_{16}$ " x $^1{}_2$ " on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

0R

£ 3g" ¢ holes in angles for

⁵l6" Ø stainless steel u-bolts. Two stainless steel washers

and hot dip galvanized steel

U-bolt and anale connections required at horizontals only.

DETAIL T (Continuous Truss grating)

nuts required per bolt.

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:

Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.3 per bar, a depth of $1_2^{\prime\prime}$, spaced on $1_{16}^{3\prime\prime}$ centers. Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	Α	В	. с	D
IS016I094R060.0	1355+91	5½"	3'-3"	4'-6"	8'-3"
IS0161094R061.5	1276+67	7"	4'-10'2"	5′-3"	10'-7'2"
<i>IS0161094R061.9</i>	1251+43	62"	4'-1012"	5′-3"	10'-712"
<i>1S016I094R062.5</i>	1224+00	712"	4'-102"	5′-3"	10'-7'2"
IS0161094R062.9	149+87	7"	4'-1012"	5′-3"	10'-712"
			[-		_
AND					

	$2-\angle 2'' \times 1_2'' \times 4''$. Q $\frac{5}{16}'' \neq bolt$
	at each horizontal \ (two per angle)
Stainless steel shim(s). (2) If needed, place on top of horizontals and horizontal diagonals. Secure with one stainless steel clamp per side. See "Shim Detail".	Continuous Truss Grating 1" ±½", spaced to miss cross bars (Typ.) 1" Min. (Typ.)
	required per horizontal. $d+b'' (\pm b'')$
	SECTION T-T

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- 2) Stainless steel shims shall be placed as shown in Detail T <u>if needed</u> to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- (3) If Handrail Joint present, weld angle to WF(A-N)4 and ${}^{l}_{4}$ " extension bars. (See Base Sheet OS-A-11.)
- (4) $P_{-8}'' \times P_{2}'' \times P_{3}'' \times P_{3}' \times P_{3}'' \times P_{3}' \times P_{3}'' \times P_{3}'' \times P_{3}'' \times P_{3}'' \times P_{3}'' \times P_{3}'' \times$
- allow for camber, etc.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION					
NAME	DATE	TETIN	313 F	IKANSFUR	KIAIION		
		F.A.I.	94	(DAN	RYAN	EXPRE	SSWAY)

OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS

SCALE: AS NOTED DATE: MARCH 25, 2005 DRAWN BY: AMB CHECKED BY: TB

TYLININTERNATIONAL

See Detail T and Detail T

Bottom of WF(A-N)4x1.79

and sign