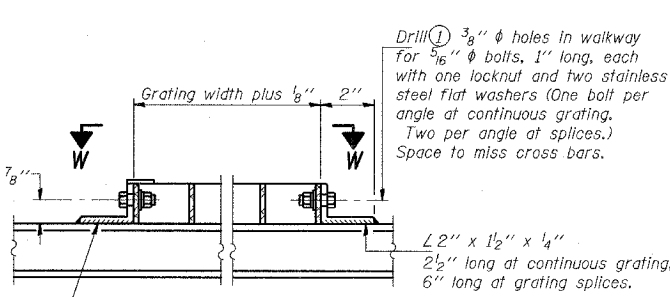
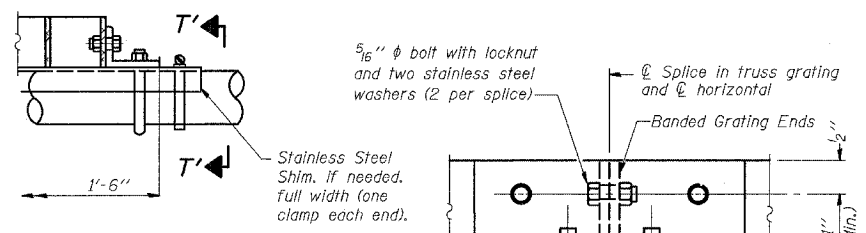


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

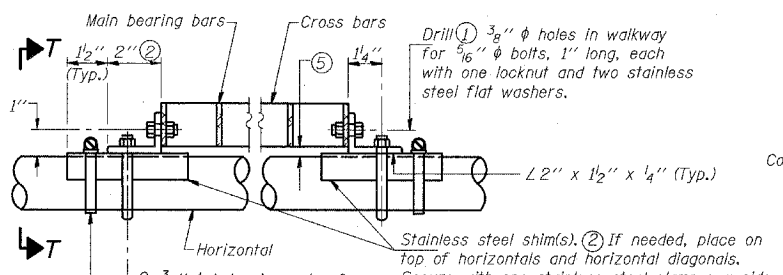


DETAIL W
(Walkway grating)

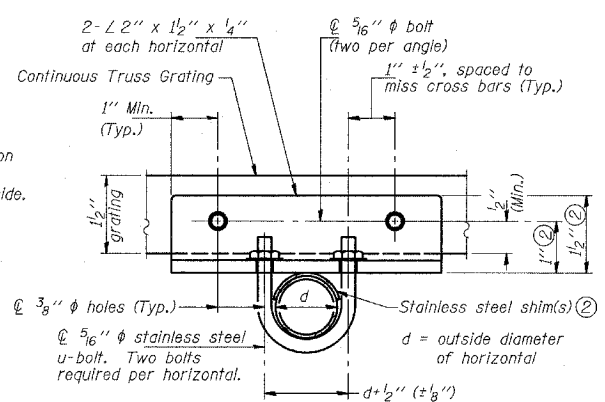


DETAIL T'
(Truss grating splice)

SECTION T'-T'



DETAIL T
(Continuous Truss grating)



SECTION T-T

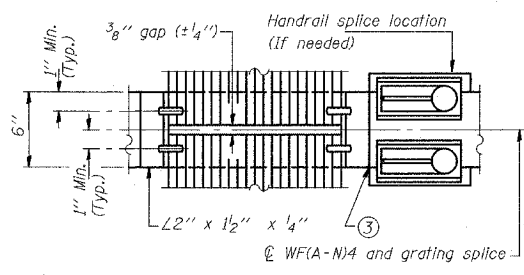
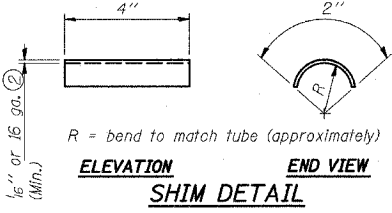
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/8" x 1 1/2" on 13/16" centers and conform to ASTM B221 Alloy 6061-T6.
Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

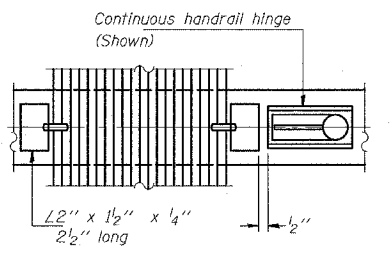
OR

Aluminum Grating with modified "H" 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 1/2", spaced on 13/16" centers.
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

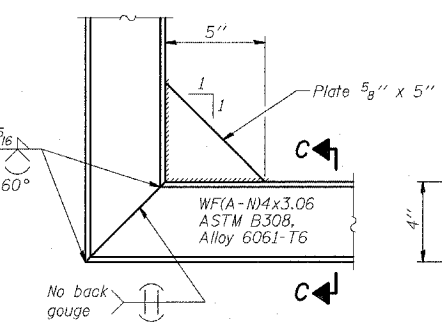
Structure Number	Station	A	B	C	D
ISO161094R060.0	1355+91	5 1/2"	3'-3"	4'-6"	8'-3"
ISO161094R061.5	1276+67	7"	4'-10 1/2"	5'-3"	10'-7 1/2"
ISO161094R061.9	1251+43	6 1/2"	4'-10 1/2"	5'-3"	10'-7 1/2"
ISO161094R062.5	1224+00	7 1/2"	4'-10 1/2"	5'-3"	10'-7 1/2"
ISO161094R062.9	149+87	7"	4'-10 1/2"	5'-3"	10'-7 1/2"



(AT WALKWAY GRATING SPLICE)



SECTION W-W
(CONTINUOUS WALKWAY GRATING)



DETAIL C
(See Detail P, Base Sheet OS-A-11.)

SECTION C-C

DESIGNED	20
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	

NUMBER	REVISION	DATE

OS-A-10 11/1/2002

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

SCALE: AS NOTED
DATE: MARCH 25, 2005

DRAWN BY: AMB
CHECKED BY: TB