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(Continuous Truss grating)

SPECIFICATIONS FOR STANDARD ALUMINUM GRATING
Main Bearing Bars shall be 3/16" x 1 1/2" on 13 1/2" 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 1/2" 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
8S0601055R010.9	502+00	5 1/2"	7'	4'-6"	12'-0"
8S0601055L011.2	510+80	6"	5'-9"	4'-6"	10'-9"
8S0601055L011.4	537+25	6"	5'-7 1/2"	5'-3"	11'-4 1/2"

**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**
F.A.I. ROUTE 70, SEC. 60-(5,6,7)RS, 60-(6,7)BR
MADISON COUNTY

SHEET NO. 17	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19 SHEETS	70	60-(5,6,7)RS, 60-(6,7)BR	MADISON	185	161
CONTRACT NO. 76C56					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

NUMBER	REVISION	DATE

Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

PROJECT NO. 05027-13
SCALE: / / /
DATE: / / /
DESIGN BY: / / /
DRAWN BY: / / /
CHECKED BY: / / /

DATE = 09/14/2008
PLOT SCALE = 0.00000000
USER NAME = CFC