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REVISIONS		
REV	DESCRIPTION	DATE
0	INITIAL SUBMITTAL FOR REVIEW	10/24/2007

**VERMONT AGENCY OF TRANSPORTATION
US 2, BR 8 - GRAND ISLE DRAWBRIDGE
DRAWING SET 0697-07**

16 PANELS TOTAL

MATERIAL SPECIFICATIONS:

SEE BILL OF MATERIALS
NO CHAPPY V-NOTCH TEST REQUIREMENTS

INSTALLATION NOTES:

1. CONCRETE FORM PANS ARE NOT WATER TIGHT. CONCRETE AND WATER SEEPAGE WILL OCCUR. THIS CAN BE MINIMIZED BY SEALING VOIDS WITH SILICONE OF OTHER CONCRETE COMPATIBLE SEALANTS PRIOR TO PLACEMENT OF CONCRETE.
2. DURING PLACEMENT OF THE GRID PANELS, THE CONTRACTOR MUST PLACE EACH PANEL IN ITS PROPER POSITION AND VERIFY ITS LOCATION FROM A COMMON FIXED POINT. DOING SO, WILL MINIMIZE CUMULATIVE PLACEMENT ERRORS. CUMULATIVE ERRORS CAN RESULT IN A TOTAL DECK AREA LARGER OR SMALLER THAN THE ACTUAL AREA TO BE FILLED.
3. PANELS OF THE SAME TYPE SHOULD NOT BE INTERCHANGED. THEY SHOULD BE USED ONLY FOR THE LOCATION DESIGNATED ON THE PLAN VIEW IN ORDER TO INSURE PROPER ALIGNMENT.

SHOP DRAWINGS			
SHEET	REVISION	DATE	DESCRIPTION
1	0	10/24/2007	DRAWING INDEX
2	0	10/24/2007	SOUTH PLAN VIEW
3	0	10/24/2007	NORTH PLAN VIEW
4	0	10/24/2007	STANDARDS
5	0	10/24/2007	PANEL A LAYOUT
6	0	10/24/2007	PANEL B LAYOUT
7	0	10/24/2007	PANEL C LAYOUT
8	0	10/24/2007	PANEL D LAYOUT
9	0	10/24/2007	PANEL E LAYOUT
10	0	10/24/2007	PANEL F LAYOUT
11	0	10/24/2007	PANEL G LAYOUT
12	0	10/24/2007	PANEL H LAYOUT
13	0	10/24/2007	SECTIONS

FINISHING NOTES:

1. ENTIRE GRID DECK PANEL TO BE GALVANIZED AS PER ASTM A123.

WELDING PROCEDURE SPECIFICATIONS			
SHEET	REVISION	DATE	DESCRIPTION
-----	1	08/07/2006	WPS IDSI-6-1A
-----	1	08/07/2006	WPS IDSI-6-2A
-----	1	08/07/2006	WPS IDSI-6-3A
-----	1	08/07/2006	WPS IDSI-6-4A
-----	2	05/04/2007	WPS IDSI-6-5A
-----	1	08/07/2006	WPS IDSI-6-14A
-----	1	05/04/2007	WPS IDSI-6-26M
-----	0	10/24/2007	WPS IDSI-6-100B


WELDING NOTES:

1. ALL WELDING SHALL BE AS NOTED THROUGHOUT THESE DRAWINGS AND PER THE WELDING PROCEDURE SPECIFICATIONS (WPS) INCLUDED WITH THIS SUBMITTAL. THE WPS'S WERE DEVELOPED IN ACCORDANCE WITH AWS D1.5 LATEST VERSION.

GENERAL NOTES:

1. PANEL LENGTH IS IN DIRECTION OF MAIN RAIL.
2. PANEL WIDTH IS PERPENDICULAR TO DIRECTION OF MAIN RAIL.
3. PROPRIETARY STEEL PUNCHING DETAILS NOT SHOWN.
4. THIS WELDED GRID DECK SYSTEM UTILIZES INDUSTRY STANDARD WELDS AT THE INTERSECTION OF THE STEEL BARS.
5. THE FOLLOWING FABRICATION TOLERANCES SHALL APPLY:
 - A. PANEL LENGTH IS +/- 1/4".
 - B. PANEL WIDTH IS +/- 1/8".
 - C. SQUARENESS DIAGONAL MEASUREMENT IS +/- 1/2" OF OPPOSITE DIAGONAL.
 - D. LONGITUDINAL CAMBER (IN DIRECTION OF MAIN RAIL) IS .003 x LENGTH.
 - E. TRANSVERSE CAMBER IN DIRECTION OF CROSS BAR IS .004 x WIDTH.
 - F. SWEEP (SIDE BOW) = 0.025*L (IN FEET) FOR PANELS UP TO 40'-0", INCLUSIVE, AND 0.00065*L², FOR PANELS GREATER THAN 40'-0".
 - G. BAR VERTICALITY IS 0.04"H (FULL BAR HEIGHT). NO MORE THAN 1% OF ALL LOCATIONS CAN VIOLATE SPECIFIED TOLERANCE.
 - H. BAR SPACING IS +/- 1/8" CENTER-TO-CENTER.

RECEIVED
OK'D BY SSS OK'D BY Man
OCT 29 2007
RESUBMIT _____ APPROVED _____
BY _____ DATE 11/6/07

 interlocking deck systems international	DRAWING INDEX		
	GRAND ISLE DRAWBRIDGE VERMONT AGENCY OF TRANS.		
115 41st Street	SIZE B	DWG NO. ID-0697-07	SHEET 1
Pittsburgh, PA 15201	SCALE N.T.S.	P.O. NUMBER R757	APPROVED WPO JMO

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