



SECTIONAL PLATE PIPE ARCH

SPAN (FT.)	AREA (SQ. FT.)	R/S	* MINIMUM GAGES HEIGHT OF COVER IN FT.			
			2-3	4-5	6-7	8-10
6	24	.72	10	10	10	10
8	33	.68	8	10	10	7
9	40	.65	8	8	8	5
10	55	.65	7	7	5	3
12	70	.65	5	5	5	1
13	85	.63	1	3	3	1
14	95	.63	1	1	3	1
15	110	.63	1	1	1	1

*H-15 LOADING
NOTE: ALL DIMENSIONS MEASURED FROM INSIDE CRESTS OF CORRUGATIONS.
MINIMUM DEPTH OF CORRUGATIONS SHALL NOT BE LESS THAN 1/2 INCHES.

CONSTRUCTION NOTES

SPAN LENGTHS SHOWN IN TABLE ARE MINIMUM, AREA IS APPROXIMATE AND THE RATIO OF RISE TO SPAN SHALL HAVE A TOLERANCE OF 5%, PLUS OR MINUS.

BOTTOM AND CORNER PLATES SHALL BE AT LEAST TWO GAGES HEAVIER THAN INDICATED EXCEPT THAT NO INCREASE IS REQUIRED FOR NO. 1 GAGE.

DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SECTIONAL PLATE PIPE ARCH	
STATE HIGHWAY COMMISSION OF WISCONSIN	
RECOMMENDED FOR APPROVAL:	
_____ PLAN ENGINEER	<i>A. J. [Signature]</i> CONSTRUCTION ENGINEER
APPROVED:	_____ STATE HIGHWAY ENGINEER
DRAWN L.J.D. CHECKED	<i>E. [Signature]</i> STATE HIGHWAY ENGINEER