

STANDARD MNDOT PRECAST CONCRETE BOX CULVERTS							
SPAN x RISE (FEET)	CLASS	f'c (PSI)	FILL HEIGHT RANGE (FEET)	Tt (IN)	Tb (IN)	Ts (IN)	WEIGHT (LBS./FT.)
10 x 8	4	6000	15 - 25	10	11	8	4790
10 x 9	1	5000	< 2	9	10	8	4700
10 x 9	2	5000	2 - 8	9	10	8	4700
10 x 9	3	5000	8 - 15	9	10	8	4700
10 x 9	4	6000	15 - 25	10	11	8	4980
10 x 10	1	5000	< 2	9	10	8	4900
10 x 10	2	5000	2 - 8	9	10	8	4900
10 x 10	3	5000	8 - 15	9	10	8	4900
10 x 10	4	6000	15 - 25	10	11	8	5190
12 x 4	1	5000	< 2	9	10	8	4180
12 x 4	2	5000	2 - 8	9	10	8	4180
12 x 4	3	5000	8 - 15	9	10	8	4180
12 x 4	4	6000	15 - 23	10	11	8	4990
12 x 5	1	5000	< 2	9	10	8	4380
12 x 5	2	5000	2 - 8	9	10	8	4380
12 x 5	3	5000	8 - 15	9	10	8	4380
12 x 5	4	6000	15 - 23	10	11	8	5220
12 x 6	1	5000	< 2	9	10	8	4580
12 x 6	2	5000	2 - 8	9	10	8	4580
12 x 6	3	5000	8 - 15	9	10	8	4580
12 x 6	4	6000	15 - 23	10	11	8	5440
12 x 7	1	5000	< 2	9	10	8	4780
12 x 7	2	5000	2 - 8	9	10	8	4780
12 x 7	3	5000	8 - 15	9	10	8	4780
12 x 7	4	6000	15 - 23	11	12	9	5670
12 x 8	1	5000	< 2	9	10	8	4980
12 x 8	2	5000	2 - 8	9	10	8	4980
12 x 8	3	5000	8 - 15	9	10	8	4980
12 x 8	4	6000	15 - 23	11	12	9	5890
12 x 9	1	5000	< 2	9	10	8	5180
12 x 9	2	5000	2 - 8	9	10	8	5180

MNDOT SPEC. REF. 3238; 3 OF 5; NOT TO SCALE



DRW: DCD

DATE: 3/03

APP: HRS

DATE: 12/06

PRECAST CONCRETE BOX CULVERTS

STANDARD  
PLATE  
NO.  
SEWR-4010