


STANDARD LAYING LENGTH = 6.0'

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.)
8 x 6	1	5000	< 2	9	10	8	3630
8 x 6	2	5000	2 - 10	9	10	8	3630
8 x 6	3	5000	10 - 20	9	10	8	3630
8 x 6	4	5500	20 - 25	9	10	8	3630
8 x 7	1	5000	< 2	9	10	8	3830
8 x 7	2	5000	2 - 10	9	10	8	3830
8 x 7	3	5000	10 - 20	9	10	8	3830
8 x 7	4	5500	20 - 25	9	10	8	3830
8 x 8	1	5000	< 2	9	10	8	4030
8 x 8	2	5000	2 - 10	9	10	8	4030
8 x 8	3	5000	10 - 20	9	10	8	4030
8 x 8	4	5500	20 - 25	9	10	8	4030
10 x 4	1	5000	< 2	9	10	8	3700
10 x 4	2	5000	2 - 8	9	10	8	3700
10 x 4	3	5000	8 - 15	9	10	8	3700
10 x 4	4	6000	15 - 25	10	11	8	3990
10 x 5	1	5000	< 2	9	10	8	3900
10 x 5	2	5000	2 - 8	9	10	8	3900
10 x 5	3	5000	8 - 15	9	10	8	3900
10 x 5	4	6000	15 - 25	10	11	8	4190
10 x 6	1	5000	< 2	9	10	8	4100
10 x 6	2	5000	2 - 8	9	10	8	4100
10 x 6	3	5000	8 - 15	9	10	8	4100
10 x 6	4	6000	15 - 25	10	11	8	4380
10 x 7	1	5000	< 2	9	10	8	4300
10 x 7	2	5000	2 - 8	9	10	8	4300
10 x 7	3	5000	8 - 15	9	10	8	4300
10 x 7	4	6000	15 - 25	10	11	8	4590
10 x 8	1	5000	< 2	9	10	8	4500
10 x 8	2	5000	2 - 8	9	10	8	4500
10 x 8	3	5000	8 - 15	9	10	8	4500

MNDOT SPEC. REF. 3238; 2 OF 5; NOT TO SCALE

	DRW: DCD	DATE: 3/03	<p>PRECAST CONCRETE BOX CULVERTS</p>	<p>STANDARD PLATE NO. SEWR-4009</p>
	APP: HRS	DATE: 12/06		