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.)	
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

MINNEAPOLIS
DEPARTMENT OF PUBLIC WORKS

DRAWN: DCD	DATE: 3/03
APPROVED: HRS	DATE: 12/06

PRECAST CONCRETE BOX CULVERTS

STANDARD PLATE NO. SEWR-4010