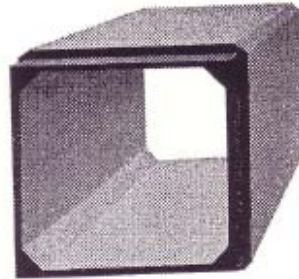




PRECAST CONCRETE BOX SECTION



SPECIFICATIONS A.S.T.M. C-1433 OR C-1577

SPAN (FT)	RISE (FT)	THICKNESS (INCHES)			WATERWAY AREA (SQ FT)	APPROX. WEIGHT (LBS/FT)
		TOP SLAB	BOT SLAB	WALL		
6	3	8	7	7	17.3	1970
6	4	8	7	7	23.3	2150
6	5	8	7	7	29.3	2320
6	6	8	7	7	35.3	2500
7	4	8	8	8	27.1	2600
7	5	8	8	8	34.1	2800
7	6	8	8	8	41.1	3000
7	7	8	8	8	48.1	3200
8	4	8	8	8	31.1	2800
8	5	8	8	8	39.1	3000
8	6	8	8	8	47.1	3200
8	7	8	8	8	55.1	3400
8	8	8	8	8	63.1	3600
9	5	9	9	9	43.9	3660
9	6	9	9	9	52.9	3880
9	7	9	9	9	61.9	4110
9	8	9	9	9	70.9	4330
9	9	9	9	9	79.9	4560
9	9	9	9	9	79.9	4560
10	5	10	10	10	48.6	4380
10	6	10	10	10	58.6	4880
10	7	10	10	10	68.6	4880
10	9	10	10	10	78.6	5130
10	9	10	10	10	88.6	5380
10	10	10	10	10	98.6	5630

Why square pipe?

Precast box culverts have not been designed to replace round, arch or elliptical pipe. They have been designed to replace cast-in-place culverts because of shorter installation time, convenience to the public and better quality control in plant manufacturing.

Box culverts are designed to complement concrete pipe by providing a large area of flow with the smallest possible head space.