



	DEMENSIONS											
DIA.	T	min)	Ax	C±	Dx	Ex	к	RI	R2	APPROX. WEIGHT		
12"		2"	5"	-	6'-2"	2'-0"	1.3	10 1/8"	9"	800		
15"		1/4"	7"	-		2'-6"	1.5	121/2"	II ⁿ	1100		
18"	-	1/2"	11"	-		3'-0"	1.8	15 1/2"	12"	1300		
21"		*/4"	11"	3'-6"	6'-3"	3'-6"	2.1	16 1/8"	13"	1500		
24"		3"	1-0"	2-8"	6'-3"	4-0"	2.3	16 3/6	14"	1800		
27"	10.	1/4"	1.24°	2-5	6-3"	4-6"	2.6	18%15	141/2"	2100		
30"	100000	1/2"	1-2"	1-10"	6-3	5'-0"	2.9	18 1/2"	15"	2400		
33"	3	3⁄4"	1'-3"	3-6"	8-3"	5-6"	3.1	233/4"	17 1/2"	4100		
36"		4"	1'-5"	3-1"	8-3"	6'-0"	3.4	24 3/16	20"	4200		

I. Concrete in these end sections shall be the same grade and 5. In 3:1 or 4:1 fill slope, change to the slope of the end strength as specified for reinforced concrete pipe, A.S.T.M. designation C76 CLASS II. (As set out in the Standard Specifications

t Tolerance + l'

2. Reinforcement in the "C" Portion shall be the same as specified for reinforced concrete, A.S.T.M. designation C76, CLASS I for the size of connecting pipe.

3. Reinforcement in the "B" Portion shall have a crosssectional area equal to that of one layer of steel in the "C" Portion.

4. The end of the pipe culvert shall be placed in the concrete end section so that the flow, lines are flush. The joint shall be completely filled with mortor.

in dimensions as provided in the Specifications for Reinforced Goncrete

be furnished and shall be as approved by the Engineer.

"Pipe End Section" complete in place and accepted.

sections. The cost thereof shall be included in the contract unit price per each for "Pipe End Sections"

areas see "Instruction to Bidders" of the contract proposal.

PRECAST CONCRETE END SECTION

NOTE: Metal Pipe End Sections may be used with Concrete Pipe providing the method of connection is approved by the engineer prior to installation of pipe.





DIMENSIONS T				DI					
SPAN	RISE	in.	(1' ±)	B (Max)	$(^{H}_{t})$	L (1½"±)	W (2"+)	SLOPE approx.	BODY
18	11	.064	7	9	6	19	30	21/2	IPc.
22	13	.064	7	10	6	23	36	2/2	IPc.
25	16	.064	8	12	6	28	42	21/2	IPC.
29	18	.064	9	14	6	32	48	21/2	IPc.
36	22	.079	10	16	6	39	60	21/2	IPc.
43	27	.079	12	18	8	46	75	212	IPC.

per each for Pipe End Section.

to Helically Corrugated pipe.

as set out in the Standard Specifications.

or Mine Water



PIPE T DIMENSIONS

DIA. in. (1"±) (Max)(1"±) (1½±)(2"±) approx







asich

2.74 1974 Spec's

Sheet 8'

Engineer of Road Design

Chief Division of Design

RECORD DRAWING

