

TABLE OF DIMENSIONS AND CONCRETE VOLUMES PER ENDWALL FOR ELLIPTICAL PIPE CULVERTS

SIZE OF ELLIPTICAL PIPE CULVERTS								(SPAN X RISE)
	60x38	68x43	76x48	83x53	91x58	98x63	106x68	
A	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"	A
B	4'-9 1/2"	4'-9 1/2"	5'-4"	5'-10 1/2"	6'-5"	6'-11 1/2"	7'-6"	B
C	4'-4"	4'-4"	4'-10 7/8"	5'-5 3/4"	6'-0 3/4"	6'-7 5/8"	7'-2 5/8"	C
D	3'-2"	3'-7"	4'-0"	4'-5"	4'-10"	5'-8"	5'-8"	D
E	0'-6"	0'-6"	0'-6"	0'-6"	0'-6"	0'-6"	0'-6"	E
F	0'-6 1/2"	0'-6 1/2"	0'-7"	0'-7 1/2"	0'-8"	0'-8 1/2"	0'-9"	F
G	4'-3"	4'-3"	4'-9"	5'-3"	5'-9"	6'-3"	6'-9"	G
H	0'-10"	0'-10"	0'-10"	0'-11"	1'-0"	1'-1"	1'-2"	H
I	1'-10 3/4"	1'-10 3/4"	2'-0 1/4"	2'-2 3/4"	2'-5 1/4"	2'-7 3/4"	2'-10 1/4"	I
J	7'-2 1/2"	7'-10 1/2"	8'-8 1/4"	9'-6 1/4"	10'-5"	11'-3"	12'-2"	J
K	5'-11 1/2"	6'-7 1/2"	7'-3 1/2"	7'-11 3/4"	8'-8 7/8"	9'-5"	10'-2 1/8"	K
L	8'-8"	8'-8"	9'-9 3/4"	10'-11 5/8"	12'-1 1/2"	13'-3 3/8"	14'-5 1/4"	L
M	1'-1 1/8"	1'-1 1/8"	1'-2"	1'-3 1/2"	1'-4 7/8"	1'-6 3/8"	1'-7 3/4"	M
N	0'-5 3/4"	0'-5 3/4"	0'-5 3/4"	0'-6 3/8"	0'-6 7/8"	0'-7 1/2"	0'-8 1/2"	N
O	0'-11 1/2"	0'-11 1/2"	0'-11 1/2"	1'-0 1/2"	1'-1 1/2"	1'-2 1/2"	1'-3 1/2"	O
P	7'-6"	7'-6"	8'-6"	9'-6"	10'-6"	11'-6"	12'-6"	P
R	1'-0 3/4"	1'-0 3/4"	1'-2 1/4"	1'-3 3/4"	1'-5 1/4"	1'-6 3/4"	1'-8 1/4"	R
S	5'-0"	5'-8"	6'-4"	6'-11"	7'-7"	8'-2"	8'-10"	R
CUBIC YARDS OF CONCRETE								
CONC. PIPE	4.469	4.423	5.453	7.034	8.876	11.010	13.457	

NOTE:
FOR 2:1 FILL SLOPE ONLY.

SHEET 3 OF 3

 DEPARTMENT OF PUBLIC WORKS ENGINEERING	DESIGN AND CONSTRUCTION STANDARDS	
	ENDWALL FOR PIPE CULVERTS	
	DR. BY:	DATE:
08/01/03	REV. FOR INTERNET 2003	CHK. BY:
DATE	REVISIONS	APP. BY:
EW-1		29

APPROVED FOR THE WEB _____
City Engineer
Date