STEEL STRUCTURAL PLATE PIPE-ARCH

SPAN	RISE	H	R	S	SINGLE PIPE		DOUBLE PIPE		TRIPLE PIPE	
					G	CU.YDS. CONC. 2 ANCHORS	G	CU.YDS. CONC. 2 ANCHORS	G	CU.YDS. CONC. 2 ANCHORS
6'-1	4'-7	3'-11	3'-7½	9'-6	7'-5	3.5	16'-11	8.4	26'-5	13.3
6'-4	4'-9	3'-11	3'-10	9'-10	7'-8	3.6	17'-5	8.6	27'-4	13.6
6'-9	4'-11	4'-0	4'-0½	10'-6	8'-1	3.8	18'-7	9.3	29'-1	14.8
7'-0	5'-1	4'-0	4'-2	10'-10	8'-4	3.9	19'-2	9.5	30'-0	15.1
7'-3	5'-3	3'-11	4'-3½	11'-3	8'-7	4.0	19'-10	9.7	31'-1	15.4
7'-8	5'-5	4'-0	4'-6	11'-10	9'-0	4.2	20'-10	10.4	32'-8	16.5
7'-11	5'-7	4'-0	4'-7½	12'-3	9'-3	4.3	21'-6	10.6	33'-9	16.9
8'-2	5'-9	3'-11	4'-9	12'-6	9'-6	4.4	22'-0	10.7	34'-6	17.0
8'-7	5'-11	4'-1	4'-11½	12'-11	9'-11	4.6	22'-10	11.3	35'-9	18.0
8'-10	6'-1	4'-0	5'-1	13'-2	10'-2	4.7	23'-4	11.4	36'-6	18.1
9'-4	6'-3	4'-2	5'-4	13'-8	10'-8	5.0	24'-4	12.1	38'-0	19.3
9'-6	6'-5	4'-1	5'-5	13'-10	10'-10	5.0	24'-8	12.1	38'-6	19.2
9'-9	6'-7	4'-0	5'-6½	14'-1	11'-1	5.1	25'-2	12.1	39'-3	19.2
10'-3	6'-9	4'-2	5'-9½	14'-7	11'-7	5.4	26'-2	12.9	40'-9	20.4
10'-8	6'-11	4'-4	6'-0	15'-0	12'-0	5.8	27'-0	13.7	42'-0	21.6
10'-11	7'-1	4'-3	6'-1½	15'-3	12'-3	5.8	27'-6	13.7	42'-9	21.6
11'-5	7'-3	4'-6	6'-4½	15'-9	12'-9	6.2	28'-6	14.6	44'-3	23.0
11'-7	7'-5	4'-5	6'-5½	15'-11	12'-11	6.2	28'-10	14.5	44'-9	22.9
11'-10	7'-7	4'-3	6'-7	16'-2	13'-2	6.2	29'-4	14.5	45'-6	22.8
12'-4	7'-9	4'-6	6'-10	16'-8	13'-8	6.6	30'-4	15.4	47'-0	24.3
12'-6	7'-11	4'-4	6'-11	16'-10	13'-10	6.6	30'-8	15.3	47'-6	24.0
12'-8	8'-1	4'-3	7'-0	17'-0	14'-0	6.5	31'-0	15.2	48'-0	23.8
12'-10	8'-4	4'-2	7'-1	17'-2	14'-2	6.5	31'-4	15.1	48'-6	23.7
13'-3	9'-4	5'-0	7'-3½	17'-7	14'-7	7.3	32'-2	17.1	49'-9	26.9
13'-6	9'-6	5'-0	7'-5	17'-10	14'-10	7.4	32'-8	17.2	50'-6	27.0
14'-0	9'-8	5'-0	7'-8	18'-4	15'-4	7.7	33'-8	17.9	52'-0	28.1
14'-2	9'-10	5'-0	7'-9	18'-6	15'-6	7.7	34'-0	17.9	52'-6	28.1
14'-5	10'-0	5'-0	7'-10½	18'-9	15'-9	7.8	34'-6	18.0	53'-3	28.2
14'-11	10'-2	5'-2	8'-1½	19'-3	16'-3	8.2	35'-6	18.9	54'-9	29.6
15'-4	10'-4	5'-2	8'-4	19'-8	16'-8	8.6	36'-4	19.6	56'-0	30.7
15'-7	10'-6	5'-2	8'-5½	19'-11	16'-11	8.6	36'-10	19.7	56'-9	30.8
15'-10	10'-8	5'-2	8'-7	20'-2	17'-2	8.6	37'-4	19.7	57'-6	30.9
16'-3	10'-10	5'-2	8'-9½	20'-7	17'-7	9.0	38'-2	20.5	58'-9	32.0
16'-6	11'-0	5'-5	8'-11	20'-10	17'-10	9.1	38'-8	20.7	59'-6	32.4
17'-0	11'-2	5'-5	9'-2	21'-4	18'-4	9.5	39'-8	21.6	61'-0	33.7
17'-2	11'-4	5'-5	9'-3	21'-6	18'-6	9.5	40'-0	21.5	61'-6	33.6
17'-5	11'-6	5'-5	9'-4½	21'-9	18'-9	9.5	40'-6	21.6	62'-3	33.7
17'-11	11'-8	5'-5	9'-7½	22'-3	19'-3	9.9	41'-6	22.5	63'-9	35.0
18'-1	11'-10	5'-6	9'-8½"	22'-5	19'-5	9.9	41'-10	22.7	64'-3	35.4
18'-7	12'-0	5'-6	9'-11½"	22'-11	19'-11	10.3	42'-10	23.4	65'-9	36.7
18'-9	12'-2	5'-6	10'-0½"	23'-1	20'-1	10.3	43'-2	23.6	66'-3	36.7
19'-3	12'-4	5'-6	10'-3½"	23'-7	20'-7	10.8	44'-2	24.6	67'-9	38.8
19'-6	12'-6	5'-6	10'-5	23'-10	20'-10	10.8	44'-8	24.6	68'-6	38.2
19'-8	12'-8	5'-6	10'-6	24'-0	21'-0	10.7	45'-0	24.4	69'-0	37.9
19'-11	12'-10	5'-6	10'-7½"	24'-3	21'-3	10.7	45'-6	24.2	69'-9	37.7
20'-5	13'-0	5'-6	10'-10½"	24'-9	21'-9	11.2	46'-5	25.4	71'-3	39.4
20'-7	13'-2	5'-6	10'-11½"	24'-11	21'-11	11.1	46'-10	25.3	71'-9	39.5

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE ANCHOR TABLES

JANUARY 1998

STANDARD DRAWING NO. E 717-ANCH-01

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 1-02-98