REINFORCED CONCRETE PIPE									
D	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
42"	3'-3	2'-7½"	6'-3	5'-3	2.5	11'-6	5.5	17'-9	8.6
48"	3'-5	2'-11	6'-10	5'-10	2.8	12'-8	6.2	19'-6	9.6
54"	3'-7	3'-2½"	7'-8	6'-5	3.2	14'-1	7.1	21'-9	11.1
60"	3'-9	3'-6	8'-6	7'-0	3.5	15'-6	8.0	24'-0	12.5
66"	3'-11	3'-9½"	9'-4	7'-7	3.9	16'-11	9.0	26'-3	14.1
72"	4'-1	4'-1	10'-2	8'-2	4.3	18'-4	10.0	28'-6	15.7
78"	4'-3	4'-4½"	11'-0	8'-9	4.7	19'-9	11.0	30'-9	17.3
84"	4'-5	4'-8	11'-10	9'-4	5.1	21'-2	12.1	33'-0	19.0
90"	4'-7	4'-11½"	12'-8	9'-11	5.5	22'-7	13.2	35'-3	20.8
96"	4'-9	5'-3	13'-6	10'-6	6.0	24'-0	14.3	37'-6	22.7
102"	4'-11	5'-6½"	14'-1	11'-1	6.4	25'-2	15.3	39'-3	24.2
108"	5'-1	5'-10	14'-8	11'-8	6.9	26'-4	16.3	41'-0	25.7
114"	5'-3	6'-1½"	15'-3	12'-3	7.4	27'-6	17.3	42'-9	27.3
120"	5'-5	6'-5	15'-10	12'-10	7.8	28'-8	18.4	44'-6	28.9
126"	5'-7	6'-8½"	16'-5	13'-5	8.3	29'-10	19.4	46'-3	30.5
132"	5'-9	7'-0	17'-0	14'-0	8.8	31'-0	20.5	48'-0	32.2
138"	5'-11	7'-3½"	17'-7	14'-7	9.4	32'-2	21.6	49'-9	33.9
144"	6'-1	7'-7	18'-2	15'-2	9.9	33'-4	22.8	51'-6	35.6

CORRUGATED ALUMINUM ALLOY OR STEEL PIPE									
D	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
42"	2'-11	2'-4	5'-8	4'-8	2.1	10'-4	4.7	16'-0	7.3
48"	3'-1	2'-7	6'-2	5'-2	2.4	11'-4	5.3	17'-6	8.2
54"	3'-3	2'-10	6'-11	5'-8	2.7	12'-7	6.1	19'-6	9.5
60"	3'-4	3'-1	7'-8	6'-2	3.0	13'-10	6.7	21'-6	10.5
66"	3'-5	3'-4	8'-5	6'-8	3.2	15'-1	7.5	23'-6	11.6
72"	3'-7	3'-7	9'-2	7'-2	3.6	16'-4	8.3	25'-6	13.0
78"	3'-9	3'-10	9'-11	7'-8	3.9	17'-7	9.1	27'-6	14.4
84"	3'-10	4'-1	10'-8	8'-2	4.2	18'-10	9.9	29'-6	15.6
90"	3'-11	4'-4	11'-5	8'-8	4.5	20'-1	10.7	31'-6	16.8
96"	4'-1	4'-7	12'-2	9'-2	4.8	21'-4	11.6	33'-6	18.4
102"	4'-2	4'-10	12'-8	9'-8	5.1	22'-4	12.2	35'-0	19.3
108"	4'-4	5'-1	13'-2	10'-2	5.5	23'-4	13.0	36'-6	20.6
114"	4'-5	5'-4	13'-8	10'-8	5.8	24'-4	13.7	38'-0	21.6
120"	4'-7	5'-7	14'-2	11'-2	6.2	25'-4	14.6	39'-6	22.9
126"	4'-8	5'-10	14'-8	11'-8	6.5	26'-4	15.2	41'-0	23.9
132"	4'-10	6'-1	15'-2	12'-2	6.9	27'-4	16.1	42'-6	25.3
138"	4'-11	6'-4	15'-8	12'-8	7.3	28'-4	16.8	44'-0	26.4
144"	5'-1	6'-7	16'-2	13'-2	7.7	29'-4	17.8	45'-6	27.8

GENERAL NOTES

1. Refer to Standard Drawings E 715-SPCA-01 and E 715-SPCA-02 for single pipe anchor details.
2. Refer to Standard Drawings E 715-MPCA-01 and E 715-MPCA-02 for multiple pipe anchor details.

LEGEND

D – Pipe diameter

H – Anchor height

R – Dimension from anchor edge to ℄ of pipe

S – Dimension between ℄ of adjacent pipes

G – Overall anchor length

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE ANCHOR TABLE

JANUARY 1998

STANDARD DRAWING NO. **E 715-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

ORIGIANLLY APPROVED 1-02-98