PIPE DIA. (IN)	PIPE TYPE	CIRCULAR PIPE COVER HEIGHTS IN FEET (4)																						
		2-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120
72	2⅔"x½" CSPHS (1)	10 GA.																						
	2⅔"x½" CSPLS (1)	10 GA.																						
	3"x1" CSPHS (1)	14 GA.					12 GA.			10 GA.														
	3"x1" CSPLS (1)	14 GA.			12 GA.			10 GA.																
	5"x1" CSPHS (1)	14 GA.				12 GA.				10 GA.														
	6"x2" CSPLSSB (1)	10 GA.						8 GA.			7 GA.		5 GA.		3 GA.		1 GA.							
	2⅔"x½" CAPHS	8 GA.																						
	3"x1" CAPHS	14 GA.				12 GA.		10 GA.			8 GA.													
	9"x2½" CAPLSSB	10 GA.						8 GA.		7 GA.	5 GA.		3 GA.			1 GA.								
	SRS (1)	12 GA.																						
	RCP (9)																							
78	3"x1" CSPHS (1)	12 GA.								10 GA.														
	3"x1" CSPLS (1)	12 GA.					10 GA.																	
	5"x1" CSPHS (1)	12 GA.								10 GA.														
	6"x2" CSPLSSB (1)	10 GA.					8 GA.			7 GA.		5 GA.		3 GA.			1 GA.							
	3"x1" CAPHS	12 GA.					10 GA.			8 GA.														
	9"x2½" CAPLSSB	10 GA.					8 GA.		7 GA.	5 GA.		3 GA.			1 GA.									
	SRS (1)	12 GA.																						
	RCP (9)																							
		2-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115	115-120

NOTES

(1) GAGES FOR CORRUGATED STEEL PIPE ITEMS SHOWN ARE BASED ON ALUMINUM-COATED TYPE 2 STEEL AS PER AASHTO M-274. ALUMINUM COATED TYPE 2 STEEL IS ONLY PERMITTED IN Ph RANGES OF 5 TO 9.

2. WHEN CORRUGATED STEEL PIPE IS ZINC COATED (GALVANIZED) THE GAGE SHALL BE ONE GAGE HEAVIER THAN SHOWN IN THE TABLES.

3. CONTRARY TO NOTE 2, GAGES FOR 6"X2" CSPLSSB ARE SHOWN FOR ZINC COATED (GALVANIZED).

(4) SEE CURRENT STANDARD DRAWING RDI-001 FOR EXPLANATION OF COVER HEIGHTS LESS THAN 2 FEET.

5. CSP, CAP, SRS AND SRA ARE SHOWN IN GAGE.

6. MAXIMUM COVER HEIGHT MEASURED FROM TOP OF PIPE TO SUBGRADE ELEVATION SHALL GOVERN GAGE OF PIPE TO BE USED FOR ENTIRE LENGTH OF PIPE INSTALLATION.

7. ALL CIRCULAR STRUCTURAL PLATE SHALL BE 5% VERTICALLY ELONGATED.

8. SEE CURRENT STANDARD DRAWING RDI-035 FOR COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PIPE.

(9) SEE DETAIL SHEET "PIPE BEDDING FOR CULVERTS, ENTRANCE, AND STORM SEWER REINFORCED CONC. PIPE" AND DETAIL SHEET "PIPE BEDDING TRENCH CONDITION REINFORCED CONC. PIPE" FOR RCP COVER HEIGHT AND BEDDING REQUIREMENTS.

LEGEND

CSPHS: CORRUGATED STEEL PIPE WITH HELICAL LOCK SEAM OR HELICAL WELDED SEAM (HELICAL CORR.)

CSPLS: CORRUGATED STEEL PIPE WITH LONGITUDINAL RIVETED OR SPOT WELDED SEAM (ANNULAR CORR.)

CSPLSSB: CORRUGATED STEEL PIPE WITH LONGITUDINAL SEAMS WITH STEEL BOLTS (ANNULAR CORR.)

CAPHS: CORRUGATED ALUMINUM ALLOY PIPE WITH HELICAL LOCK SEAM (HELICAL CORR.)

CAPLSSB: CORRUGATED ALUMINUM ALLOY PIPE WITH LONGITUDINAL SEAMS WITH STEEL BOLTS (ANNULAR CORR.)

SRS: SPIRAL RIB STEEL

RCP: CIRCULAR REINFORCED CONCRETE PIPE

72" PIPE - 78" PIPE

KENTUCKY DEPARTMENT OF HIGHWAYS

CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS

STANDARD DRAWING NO. RDI-005-03

SUBMITTED David Kratt, DIRECTOR DIVISION OF DESIGN — DATE 11-21-07

APPROVED Marilyn Mathews, STATE HIGHWAY ENGINEER — DATE 11-21-07