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" x 2" CSPLSSB ARE SHOWN FOR ZINC COATED (GALVANIZED).

(4) SEE CUR. STD. DWG. 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 CUR. STD. DWG. RDI-035 FOR COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PIPE.

(9) SEE CUR. STD. DWGS. RDI-021 AND RDI-026 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.) SEAMS WITH STEEL BOLTS (ANNULAR CORR.)

SRS: SPIRAL RIB STEEL

RCP: CIRCULAR REINFORCED CONCRETE PIPE

USE WITH CUR. STD. DWGS. RDI-001, RDI-021, RDI-026, RDI-035

KENTUCKY DEPARTMENT OF HIGHWAYS

CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS

STANDARD DRAWING NO. RDI-005-04

SUBMITTED William S. Hulet DIRECTOR DIVISION OF DESIGN 12-01-15 DATE

APPROVED STATE HIGHWAY ENGINEER 12-01-15 DATE

72" PIPE - 78" PIPE