

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
102	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	10 GA.						8 GA.																	
	9"x2 1/2" CAPLSSB	10 GA.						8 GA.			7 GA.			5 GA.			3 GA.			1 GA.					
RCP (9)																									
108	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	10 GA.						8 GA.																	
	9"x2 1/2" CAPLSSB	10 GA.						8 GA.			7 GA.			5 GA.			3 GA.			1 GA.					
RCP (9)																									
114	3"x1" CSPHS (1)	10 GA.																							
	3"x1" CSPLS (1)	10 GA.																							
	5"x1" CSPHS (1)	10 GA.																							
	6"x2" CSPLSSB (1)	10 GA.						8 GA.			7 GA.			5 GA.			3 GA.			1 GA.					
	3"x1" CAPHS	8 GA.																							
	9"x2 1/2" CAPLSSB	10 GA.						8 GA.			7 GA.			3 GA.			1 GA.								
RCP (9)																									

~ NOTES ~

- 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.
- WHEN CORRUGATED STEEL PIPE IS ZINC COATED (GALVANIZED) THE GAGE SHALL BE ONE GAGE HEAVIER THAN SHOWN IN THE TABLES.
- CONTRARY TO NOTE 2, GAGES FOR 6" x 2" CSPLSSB ARE SHOWN FOR ZINC COATED (GALVANIZED).
- SEE CUR. STD. DWG. [RDI-001](#) FOR EXPLANATION OF COVER HEIGHTS LESS THAN 2 FEET.
- CSP, CAP, SRS AND SRA ARE SHOWN IN GAGE.
- 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.
- ALL CIRCULAR STRUCTURAL PLATE SHALL BE 5% VERTICALLY ELONGATED.
- SEE CUR. STD. DWG. [RDI-035](#) FOR COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PIPE.
- 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.)
- 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-007-04	
SUBMITTED <i>William P. Gullett</i>	DATE 12-01-15
<small>DIRECTOR, DIVISION OF DESIGN</small>	
APPROVED <i>[Signature]</i>	DATE 12-01-15
<small>STATE HIGHWAY ENGINEER</small>	

102" PIPE - 114" PIPE