

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												
60	2 2/3" x 1/2" CSPHS (1)	12 GA.												10 GA.																							
	2 2/3" x 1/2" CSPLS (1)	12 GA.												10 GA.																							
	3" x 1" CSPHS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	3" x 1" CSPLS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	5" x 1" CSPHS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	6" x 2" CSPLSSB (1)	10 GA.						8 GA.						7 GA.						5 GA.						3 GA.						1 GA.					
	2 2/3" x 1/2" CAPHS	10 GA.												8 GA.																							
	3" x 1" CAPHS	14 GA.						12 GA.						10 GA.						8 GA.						8 GA.											
	9" x 2 1/2" CAPLSSB	10 GA.						8 GA.						7 GA.						5 GA.						3 GA.						1 GA.					
	SRS (1)	12 GA.												10 GA.																							
SRA	10 GA.												10 GA.																								
RCP (9)	/																																				
66	2 2/3" x 1/2" CSPHS (1)	10 GA.												10 GA.																							
	2 2/3" x 1/2" CSPLS (1)	10 GA.												10 GA.																							
	3" x 1" CSPHS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	3" x 1" CSPLS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	5" x 1" CSPHS (1)	14 GA.						12 GA.						10 GA.						10 GA.																	
	6" x 2" CSPLSSB (1)	10 GA.						8 GA.						7 GA.						5 GA.						3 GA.						1 GA.					
	2 2/3" x 1/2" CAPHS	8 GA.												8 GA.																							
	3" x 1" CAPHS	14 GA.						12 GA.						10 GA.						8 GA.						8 GA.											
	9" x 2 1/2" CAPLSSB	10 GA.						8 GA.						7 GA.						5 GA.						3 GA.						1 GA.					
	SRS (1)	12 GA.												10 GA.																							
SRA	10 GA.												10 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.)
  - SRS: SPIRAL RIB STEEL
  - SRA: SPIRAL RIB ALUMINUM
  - RCP: CIRCULAR REINFORCED CONCRETE PIPE

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

<b>KENTUCKY</b>	
<b>DEPARTMENT OF HIGHWAYS</b>	
<b>CULVERT &amp; STORM SEWER PIPE TYPES &amp; COVER HEIGHTS</b>	
STANDARD DRAWING NO. RDI-004-04	
SUBMITTED <i>William P. Gullett</i>	DATE 12-01-15
APPROVED <i>[Signature]</i>	DATE 12-01-15
STATE HIGHWAY ENGINEER	

60" PIPE - 66" PIPE