

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)	Hatched area																																				
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)	Hatched area																																				

~ 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

KENTUCKY DEPARTMENT OF HIGHWAYS	
CULVERT AND STORM SEWER PIPE TYPES AND COVER HEIGHTS	
STANDARD DRAWING NO. RDI-004-04 SUBMITTED <i>[Signature]</i> 12-01-15 <small>DATE</small>	DESIGNED BY <i>[Signature]</i> 12-01-15 <small>DATE</small>
APPROVED <i>[Signature]</i> <small>STATE HIGHWAY ENGINEER</small>	12-01-15 <small>DATE</small>

60" PIPE - 66" PIPE