

## Maximum Angle of Deflection for Arched Concrete Pipes Entering and Exiting Inlet Boxes

Pipe Sizes (Including Wall Thickness)								
Inlet Size	11" x 18"	13 1/2" x 22"	15 1/2" x 26"	18" x 28.5"	22.5" x 36.25"	26 5/8" x 43 3/4"	31 5/16" x 51 1/8"	36" x 58 1/2"
	(15 1/2" x 22 1/2")	(18 1/2" x 27 1/2")	(21" x 31 1/2")	(24" x 34 1/2")	(29 1/2" x 43 1/4")	(34 5/8" x 51 3/4")	(40 5/16" x 60 1/8")	(46" x 68 1/2")
RCP Equiv.	15"	18"	21"	24"	30"	36"	42"	48"
<b>34" x 18"</b>	31.35°	14.68°						
<b>34" x 24"</b>	31.35°	14.68°						
<b>48" x 30"</b>	51.79°	43.97°	37.05°	31.26°	5.34°			
<b>48" x 48"</b>	51.79°	43.97°	37.05°	31.26°	5.34°			
<b>66" x 30"</b>	63.30°	58.27°	54.09°	50.84°	40.50°	28.29°		
<b>66" x 48"</b>	63.30°	58.27°	54.09°	50.84°	40.50°	28.29°	9.62°	
<b>66" x 66"</b>	63.30°	58.27°	54.09°	50.84°	40.50°	28.29°	9.62°	
<b>72" x 24"</b>	65.72°	61.20°	57.48°	54.60°	45.64°	35.66°	23.22°	
<b>72" x 48"</b>	65.72°	61.20°	57.48°	54.60°	45.64°	35.66°	23.22°	
<b>72" x 72"</b>	65.72°	61.20°	57.48°	54.60°	45.64°	35.66°	23.22°	
<b>34" x 18"</b>								
<b>34" x 24"</b>								
<b>48" x 30"</b>	19.52°							
<b>48" x 48"</b>	51.79°	43.97°	37.05°	31.26°	5.34°			
<b>66" x 30"</b>	19.52°							
<b>66" x 48"</b>	51.79°	43.97°	37.05°	31.26°	5.34°			
<b>66" x 66"</b>	63.30°	58.27°	54.09°	50.84°	40.50°	28.29°	9.62°	
<b>72" x 24"</b>								
<b>72" x 48"</b>	51.79°	43.97°	37.05°	31.26°	5.34°			
<b>72" x 72"</b>	65.72°	61.20°	57.48°	54.60°	45.64°	35.66°	23.22°	

