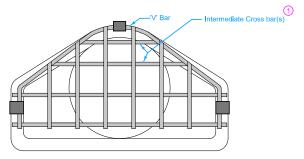


PROFILE

ROUND		ARCH		ELLIPTICAL	
PIPE SIZE	Н	PIPE SIZE	Н	PIPE SIZE	Н
12"	2 <u>1</u> "	22" x 14" to 29" x 18"	4"	23" x 14" to 30" x 19"	4"
15"	3"	37" x 23" to 44" x 27"	5"	38" x 24" to 45" x 29"	5"
18" - 24"	4"	52" x 32" to 65" x 40"	6"	53" x 34" to 68" x 43"	6"
27" - 36"	5"	73" x 45" to 88" x 54"	7"	76" x 48" to 91" x 58"	7"
42" - 54"	6"			-	
60" - 72"	7"				
78" - 90"	8"				



FRONT (Round Shown)

Г	BAR SIZES								
	PIPE SIZE	HOLE DIA. REQ'D.	BOLT DIA.	BAR SIZE					
	12" - 24"	<u>3</u> " 4	<u>5</u> "	<u>3</u> "					
ROLLIND	27" - 48"	<u>7</u> "	3" 4	1"					
Ľ	54" - 90"	1 1 "	1"	1 1 "					
Г	up to 29" x 18"	<u>3</u> "	<u>5</u> "	3" 4					
ARCH	37" x 23" to 59" x 36"	<u>7</u> " 8	<u>3</u> "	1"					
^	65" x 40" to 88" x 54"	1 1 "	1"	1 1 "					
Ā	up to 30" x 19"	<u>3</u> " 4	<u>5</u> "	<u>3</u> " 4					
FILIPTICAL	38" x 24" to 60" x 38"	<u>7</u> "	<u>3</u> "	1"					
	68" x 43" to 91" x 58"	1 1 "	1"	1 1 "					
Г	BOLT LENGTH = PIPE WALL THICKNESS + 24"								

Provide guard dimensions to fit with Type of apron provided (DR-201, DR-202, DR-205, or DR-206). 'V' Bar is to completely rest on apron.

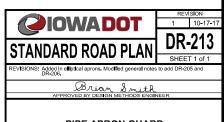
Use ASTM A615, Grade 40, or merchant quality, smoothed or deformed steel bars in construction of the guard. Comply with fabrication requirements of Section 2404 of the Standard Specifications.

Hot-dip galvanize the completed apron guard according to ASTM A123.

Use bolts, nuts, washers, and fasteners complying with Article 4153.06 of the Standard Specifications.

 All guards are to have at least one intermediate cross bar. If pipe size is 60 inches or greater, use two intermediate cross bars equally spaced.

Possible Tabulation: 104-3



PIPE APRON GUARD