

## ALLOWABLE BURY DEPTH

CLASS III RCP

Pipe Diameter	Class R-1	Class R-2	Class R-3 & R-4 Bedding			R-2	dding
(in)	Bedding	Bedding	No Steel	As=0.4%	As=1.0%		
12	7'	10'	15'	19'	27'		
15	8'	10'	16'	19'	27'		
18	8'	11'	16'	20'	40'		
21	8'	11'	18'	26'	40'		
24	8'	12'	23'	36'	40'		
27	10'	15'	30'	40'	40'		
30	11'	15'	29'	40'	40'		
33	11'	15'	28'	40'	40'		
36	11'	15'	27'	40'	40'		
42	11'	15'	26'	38'	40'		
48	11'	15'	26'	36'	40'		
54	11'	15'	25'	34'	40'		
60	11'	15'	25'	33'	40'		
66	11'	15'	24'	32'	40'		
72	11'	15'	24'	32'	40'		

CLASS	I\/	RCP

Plpe Dlameter	Class R-1	Class R-2	Class R-3 & R-4 Bedding		dding		
(in)	Bedding	Bedding	No Steel	As=0.4%	As=1.0%		
12	12'	15'	23'	28'	40'		
15	12'	16'	23'	30'	40'		
18	13'	16'	29'	40'	40'		
21	13'	18'	40'	40'	40'		
24	16'	23'	40'	40'	40'		
27	19'	30'	40'	40'	40'		
30	19'	29'	40'	40'	40'		
33	19'	28'	40'	40'	40'		
36	19'	28'	40'	40'	40'		
42	18'	27'	40'	40'	40'		
48	18'	26'	40'	40'	40'		
54	18'	25'	40'	40'	40'		
60	18'	25'	40'	40'	40'		
66	18'	25'	40'	40'	40'		
72	18'	24'	40'	40'	40'		
As = Area of S	As = Area of Steel Reinforcing						

## CLASS V RCP

Pipe Diameter	Class Cla R-1 R-	Class R-2	Class Clas R-2 Bedding		s R-3 & R-4 Bedding		
(in)	Bedding	Bedding	No Steel	As=0.4%	As=1.0%		
12	18'	23'	35'	40'	40'		
15	19'	24'	40'	40'	40'		
18	19'	30'	40'	40'	40'		
21	25'	40'	40'	40'	40'		
24	34'	40'	40'	40'	40'		
27	40'	40'	40'	40'	40'		
30	40'	40'	40'	40'	40'		
33	40'	40'	40'	40'	40'		
36	40'	40'	40'	40'	40'		
42	37'	40'	40'	40'	40'		
48	35'	40'	40'	40'	40'		
54	33'	40'	40'	40'	40'		
60	32'	40'	40'	40'	40'		
66	31'	40'	40'	40'	40'		
72	31'	40'	40'	40'	40'		
As = Area of S	As = Area of Steel Reinforcing						

## EXTRA STRENGTH VCP

CON	CRET	FAR	CHI	PIPE

HORIZONTAL	FILL	PTICAL	RCF

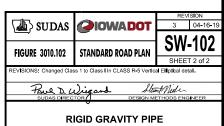
VERTICAL F	LIDTIC	AL DCD

	Bedding Class						
	Plpe Dia. (in)	R-1	R-2	ı	R-3 & R-4		
	(111)	K-1	K-2	No Steel	As=0.4%	As=1.0%	
	6	25'	30'	30'	30'	30'	
	8	20'	26'	30'	30'	30'	
	10	18'	23'	30'	30'	30'	
	12	16'	20'	30'	30'	30'	
$\Box$	15	15'	19'	28'	30'	30'	
크립 IBE	18	14'	18'	30'	30'	30'	
₫	21	15'	22'	30'	30'	30'	
	24	18'	28'	30'	30'	30'	
3010	27	20'	30'	30'	30'	30'	
3	30	19'	29'	30'	30'	30'	
<u></u>	33	20'	30'	30'	30'	30'	
ρĮ	36	20'	30'	30'	30'	30'	
SHEET 3	39	19'	29'	30'	30'	30'	
3	42	18'	26'	30'	30'	30'	
ă	As = Are	ea of Stee	l ReInfor	ding			
"							

Pipe Size (in x in)	Equiv.	Plpe	Class
, ,	(in)	A-III	A-IV
18 x 11	15	6'	11'
22 x 13	18	6'	11'
26 x 15	21	6'	13'
29 x 18	24	7'	15'
36 x 22	30	8'	15'
44 x 27	36	8'	14'
51 x 31	42	8'	15'
58 x 36	48	8'	15'
65 x 40	54	8'	15'
73 x 45	60	8'	14'
88 x 54	72	9'	14'
Based on Cla	ss R-5 bed	ding	

Pipe Size	Equiv.	Pipe	Class
Pipe Size (in x in)	Dia. (In)	HE-III	HE-IV
14 x 23	18	12'	22'
19 x 30	24	15'	29'
22 x 34	27	15'	28'
24 x 38	30	15'	27'
27 x 42	33	15'	27'
29 x 45	36	15'	26'
32 x 49	39	15'	26'
34 x 54	42	15'	25'
38 x 60	48	15'	25'
43 x 68	54	15'	24'
48 x 76	60	15'	24'
53 x 83	66	15'	24'
58 x 91	72	15'	24'
63 x 98	78	15'	23'
68 x 106	84	15'	23'
Based on Clas	s R-5 bedd	ling	

Pipe Size	Eguiv.		Pipe	Class	
(in x in)	Dla. (In)	VE-III	VE-IV	VE-V	VE-VI
23 x 14	18	10'	15'	22'	33'
30 x 19	24	10'	16'	34'	40'
34 x 22	27	11'	20'	40'	40'
38 x 24	30	12'	23'	40'	40'
42 x 27	33	15'	30'	40'	40'
45 x 29	36	15'	29'	40'	40'
49 x 32	39	15'	29'	40'	40'
54 x 34	42	15'	28'	40'	40'
60 x 38	48	15'	27'	40'	40'
68 x 43	54	15'	27'	40'	40'
76 x 48	60	15'	26'	40'	40'
83 x 53	66	15'	25'	40'	40'
91 x 58	72	15'	25'	40'	40'
98 x 63	78	15'	25'	40'	40'
106 x 68	84	15'	24'	40'	40'
Based on Class	s R-5 bedd	ling			



RIGID GRAVITY PIPE TRENCH BEDDING