

REQUIRED "D" LOAD FOR R.C.P. & BEDDING FACTOR = 1.5

PIPE SIZE (INCH)	DEPTH OF COVER IN FEET											PIPE SIZE (INCH)	
	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0		10.0
15	CONC. ENC.	3,000	2,500	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	15
18	4,000												18
21	3,500												21
24				↓	↓	↓	↓	↓					24
27				1,750	1,750	1,750	1,750	1,750					27
30				↓	↓	↓	↓	↓					30
33					1,500	1,500	1,500	1,500					33
36				↓	↓	↓	↓	↓					36
39	3,250	2,750	2,250	1,500	1,350	1,350	1,350	1,350					39
42													42
45													45
48	↓	↓	↓										48
51	3,000	2,500	2,000										51
54													54
57													57
60	↓	↓	↓										60
63	2,750	2,250	1,750										63
66													66
69													69
72													72
75	↓	↓	↓										75
78	2,500	2,000	1,500										78
81													81
84													84
87													87
90													90
93													93
96	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	96

REV. APPR. BY DATE

REV. APPR. BY DATE

NOTES:

1. LIVE LOAD = 1 H-20, S-16, TRUCK. EARTH LOAD = 110 P.C.F. (MARSTON'S FORMULA). SAFTY FACTOR = 1.25 MIN.
2. THIS IS TO BE USED FOR AVERAGE SOIL CONDITIONS. INCREASE WHERE SOIL ANAYLISIS INDICATES GREATER EARTH LOADS. WHERE SOILS HAVING LOW COHESIVE VALUES EXIST, USE D-LOADS CALCULATED FOR PROJECTION CONDITION.
3. SEE PLATE 529 FOR PIPE CLASS.

<p style="font-size: small; margin: 0;">CITY OF</p>	"D" LOAD TABLE FOR DESIGN OF R.C.P.		STANDARD PLAN 2002
	DRAWN: STAFF	CKD.: STAFF <i>LB</i>	 APPR. Granville M. Bowman
Department of Public Works			SHEET 1 OF 3

REQUIRED "D" LOAD FOR R.C.P. & BEDDING FACTOR = 1.9

PIPE SIZE (INCH)	DEPTH OF COVER IN FEET												PIPE SIZE (INCH)
	0.5	1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	
15	CONC. ENC.	2,500	2,000	1,500	1,350	1,350	1,350	1,350	1,500	1,500	1,500	1,500	15
18	3,000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	18
21	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	21
24	2,750	2,250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	24
27	↓	↓	↓	↓	↓	1,200	1,200	1,200	↓	↓	↓	↓	27
30	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	30
33	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	33
36	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	36
39	2,500	2,000	1,750	↓	1,100	1,100	1,100	1,100	↓	↓	↓	↓	39
42	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	42
45	2,250	1,750	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	45
48	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	48
51	2,000	1,500	1,500	1,350	↓	↓	↓	↓	↓	↓	↓	↓	51
54	↓	↓	1,400	↓	↓	↓	↓	↓	↓	↓	↓	↓	54
57	1,750	1,400	1,350	↓	↓	↓	↓	↓	↓	↓	↓	↓	57
60	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	60
63	1,500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	63
66	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	66
69	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	69
72	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	72
75	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	75
78	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	78
81	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	81
84	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	84
87	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	87
90	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	90
93	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	93
96	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	96

NOTES:

1. LIVE LOAD = 1 H-20, S-16, TRUCK. EARTH LOAD = 110 P.C.F. (MARSTON'S FORMULA). SAFTY FACTOR = 1.25 MIN.
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3. SEE PLATE 529 FOR PIPE CLASS.



CITY OF

"D" LOAD TABLE FOR DESIGN OF R.C.P.

STANDARD PLAN
2002

DRAWN: STAFF

CKD.: STAFF *AS*

Department of Public Works

APPR.

Granville M. Bowman
Granville M. Bowman

PLATE 530

SHEET 2 OF 3

REV.	DATE
REV.	DATE
REV.	DATE
REV.	DATE

