

Fill Height Tables are based on:

1. $\gamma_s = 120$ pcf
2. AASHTO HL-93 live load
3. Positive Projecting Embankment Condition -
this gives conservative results in comparison to trench conditions

D-Load (lb/ft/ft) for Type 3 Bedding

	Class I		Class IV
	Class II		Class V
	Class III		Special Design

Fill Height (feet)															
Pipe i.d. (inches)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	1735	1100	875	800	800	850	900	975	1050	1125	1225	1300	1400	1475	1575
15	1600	1025	850	775	775	825	875	950	1025	1100	1200	1275	1375	1450	1525
18	1475	1000	825	775	775	825	875	925	1025	1100	1175	1250	1375	1425	1525
21	1250	950	800	750	750	825	875	925	1025	1075	1175	1250	1375	1425	1500
24	1075	925	775	750	750	825	850	925	1025	1075	1175	1250	1375	1425	1500
27	1000	900	775	750	750	825	875	925	1025	1100	1175	1250	1375	1425	1500
30	950	875	775	750	750	825	875	950	1025	1100	1175	1275	1375	1425	1525
33	925	825	750	750	750	825	875	950	1025	1100	1200	1275	1375	1450	1525
36	900	775	750	750	775	825	875	950	1025	1125	1200	1275	1375	1450	1550
42	850	700	750	750	775	825	900	975	1050	1125	1200	1300	1375	1475	1550
48	875	700	700	750	775	825	900	975	1050	1150	1225	1300	1400	1475	1575
54	850	725	700	750	800	850	925	1000	1075	1150	1250	1350	1400	1500	1575
60	875	750	700	750	800	850	925	1000	1100	1175	1250	1350	1425	1525	1600
66	875	775	700	750	800	875	950	1025	1100	1200	1275	1350	1450	1550	1625
72	850	800	700	750	825	900	975	1050	1125	1200	1300	1375	1475	1550	1650
78	800	775	750	775	825	900	975	1050	1125	1225	1300	1400	1475	1575	1650
84	750	750	775	775	850	900	975	1075	1150	1225	1325	1400	1500	1575	1675
90	725	750	775	800	850	925	1000	1075	1150	1250	1325	1425	1500	1600	1675
96	700	750	775	825	875	925	1000	1100	1175	1250	1350	1425	1525	1600	1700
102	725	750	775	825	875	950	1025	1100	1200	1275	1350	1450	1525	1625	1700
108	725	725	800	825	900	950	1050	1125	1200	1275	1375	1450	1550	1625	1725