

**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)	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
12	1675	1775	1850	1950	2050	2150	2225	2325	2425	2525	2625	2725	2825	2900	3000	3100	3200
15	1625	1725	1800	1900	2000	2075	2175	2275	2375	2450	2550	2650	2725	2825	2925	3025	3125
18	1600	1700	1775	1875	1975	2050	2150	2250	2325	2425	2500	2600	2700	2800	2875	2975	3075
21	1600	1675	1775	1875	1950	2050	2125	2225	2325	2400	2500	2575	2675	2775	2850	2950	3050
24	1600	1675	1775	1850	1950	2050	2125	2225	2300	2400	2500	2575	2675	2750	2850	2950	3025
27	1600	1700	1775	1875	1950	2050	2125	2225	2300	2400	2500	2575	2675	2775	2850	2950	3025
30	1600	1700	1775	1875	1950	2050	2150	2225	2325	2400	2500	2600	2675	2775	2875	2950	3050
33	1625	1700	1800	1875	1975	2075	2150	2250	2325	2425	2525	2600	2700	2800	2875	2975	3050
36	1625	1725	1800	1900	2000	2075	2175	2250	2350	2450	2525	2625	2725	2800	2900	3000	3075
42	1650	1725	1825	1900	2000	2100	2175	2275	2350	2450	2550	2625	2725	2825	2900	3000	3100
48	1650	1750	1825	1925	2025	2100	2200	2275	2375	2475	2550	2650	2725	2825	2925	3000	3100
54	1675	1775	1850	1950	2025	2125	2200	2300	2400	2475	2575	2675	2750	2850	2950	3025	3125
60	1700	1775	1875	1950	2050	2150	2225	2325	2425	2500	2600	2700	2775	2875	2950	3050	3150
66	1725	1800	1900	1975	2075	2175	2250	2350	2450	2525	2625	2725	2800	2900	3000	3075	3175
72	1750	1825	1925	2000	2100	2200	2275	2375	2475	2550	2650	2750	2825	2925	3025	3100	3200
78	1750	1850	1925	2025	2100	2200	2300	2375	2475	2575	2650	2750	2850	2925	3025	3125	3200
84	1750	1850	1950	2025	2125	2225	2300	2400	2475	2575	2675	2750	2850	2950	3025	3125	3225
90	1775	1875	1950	2050	2125	2225	2325	2400	2500	2600	2675	2775	2850	2950	3050	3125	3225
96	1775	1875	1975	2050	2150	2225	2325	2425	2500	2600	2700	2775	2875	2975	3050	3150	3225
102	1800	1900	1975	2075	2150	2250	2350	2425	2525	2600	2700	2800	2875	2975	3075	3150	3250
108	1825	1900	2000	2075	2175	2275	2350	2450	2525	2625	2725	2800	2900	2975	3075	3175	3250