

Brady Landfill Leachate Manhole Rehabilitation Project

Manhole	Inside Dia. (in.)	Outside Dia. (in.)	Requires (Y=yes)					
			Reducer Riser	Straight Riser	Metal Lid	Concrete Lid	Clay Backfill	Rock
1	31	45		Y		Y	Y	
2	30	38		Y		Y		
3	53	58	Y		Y			Y
4	30	38						
5	24	30				Y		
9	34.5	37.5		Y		Y	Y	
10	34.5	37.5		Y		Y	Y	
11	34.5	37.5		Y		Y	Y	
12	34.5	37.5		Y		Y	Y	Y
13	53.5	57.5	Y		Y		Y	
14		39.5		Y		Y	Y	
15		39.5		Y		Y	Y	
16		39.5		Y		Y	Y	
17	28	38		Y		Y	Y	
18		36.5		Y		Y	Y	
19	24	38				Y	Y	
20	33.5	38				Y		
21		57.5	Y		Y			
22		39				Y	Y	
23		39	Y			Y	Y	
24	34	37	Y- w/ 6" side hole		Y		Y	Y
25	34	37				Y		
27	33.5	37.5	Y- replace existing		Y			
31	53	58	Y- w/ 6" side hole		Y			
32					Y			
33	53	58	Y		Y			Y
34		39.5			Y			
43						fr MH 32	Y	
		Totals	8	11	9	17	16	4

Notes:

1. New riser tops for each MH getting a metal lid must accommodate the 42.5 in. diameter of the metal lids. The metal lids will be supplied and installed by Solid Waste Services.
2. Concrete lids need lift rings and 2-3 in. ports for monitoring
3. Seams between risers must be sealed
4. Clay backfill is available on site, but would have to be relocated to manholes and graded
5. Manholes excluded only require signage or cleanout extension, ie. work for plan/env technologists