26 VOLUMES

Asterisks (*) indicate problems that have partial answers given in Appendix G.

- **26.1** Why is a roadway in cut normally wider than the same roadway in fill? From Section 26.4, paragraph 2: The roadway is usually wider in cut than on fills to provide for drainage ditches.
- 26.2 Prepare a table of end areas versus depths of fill from 0 to 20 ft by increments of 2 ft for level sections, a 30-ft-wide level roadbed with side slopes of 1-1/2:1.

Area =	$1.5h^2$	+	3	Λh
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Fill Depth (ft)	End Area (ft ²)
0	0
2	66
4	144
6	234
8	336
10	450
12	576
14	714
16	864
18	1026
20	1200