passing for some distance so dangerously near to the brink of the river bank, that about 500 feet lineal, of a suitable river dike and riprap, will be required to secure it before the navigation can be safely maintained upon this level.

By lock No. 56, near ½ mile below Sideling Hill creek, with a lift of 7.7-10 feet and which is fairly begun, we descend to the 56th level, which is 2 miles and 789 feet in length, and extends along the pool, through generally favorable ground to dam No. 6: most of the masonry, and some of the earth work upon this level is finished.

By lock No. 55, of 7.8-10 feet lift, which opens through the grand wall of dam No. 6, and which is just finished, we descend to the 54th level, which passing the end of Tonoloway Hill, is about 600 feet long.

By lock No. 54, of 7.8-10 feet lift, we descend to the 53d level, which is that of dam No. 6.

This lock No. 54, to which but little has been done, terminates the unfinished 50 miles, now under construction below Cumberland.

Summary of the Locks and Levels on the 50 Miles.

No. of Level below Cumberland.	No. of Lock and level above George Town.	Lift of Lock.	Length of Level		REMARKS.
		Feet.	Miles.	Feet.	
1	75	10	8	4282	From the 75th to the 72d
2	74	10	0	850	Level inclusive, the chief
3	73	9	0	579	part of the Masonry is now
4	72	9	1	145	finished.
5	71	8	6	4867	
6	70	8	0	1708	
7	69	8	0	1405	
8	68	8 .258	1	3052	From the 71st to the 58th
9	67	8	3	702	Level inclusive, the Ma-
10	66 ⎤	now conver-	7	513	sonry is exceedingly back-
11	65 ⎟	ted into 4			ward, being in fact scarce-
12	64 ⎬	Locks each	0	1638	ly begun.
13	63 ⎟	of 10 ft.=40			
14	62 ⎦	Lockage			
15	61	8	1	1916	
16	60	8	3	1807	
17	59	8	3	681	
18	58	8	2	2524	
19	57	8	4	3562	From the 57th to the 54th
20	56	7 .7	2	5264	Level inclusive, the Ma-
21	55	7 .8	2	789	sonry is well advanced, and
22	54	7 .8	0	600	the most of it is now finished
Total Lift and Length,		181 .558	49	5204	Distance 50 Miles nearly.