and fall of sixteen feet, and then be received into the feeder, and passed into the Chesapeake and Ohio Canal.

Having passed Buckey's mill, the line of canal passes over very favorable ground to the Georgetown road, when by a flight of six locks of eight feet lift each, it mounts to the surface of table land on which Frederick-town is situated. The line, by an easy route, passes through the lower part of the town, and continuing on-ward strikes the river again about two and a half miles north of the city along which it continues, occasionally leaving it for short distances, by cutting off bends, where-by the distance is made considerably shorter, till arriving at the Callico Rocks, six miles north of Frederick, it crosses to the left bank of the river, on an acqueduct of 950 feet long, supported on stone abutments and piers.

The line then continues on the left bank of the river, generally near it, and over ground tolerably favorable to within half a mile of the Creagerstown road, where it is proposed to terminate it in the river, by throwing a dam across twelve feet high for that purpose, forming the junction by a guard-lock or gate.

About two miles of the six on the left bank of the Monocacy, may be called difficult passing, the face of rocky bluffs, embanking in the bed of the river, and wall-ing for protection.

On the whole the line of feeder and canal may be re-garded as tolerably favorable ; more so than the average of canal lines in general. The feeder, on what is believed to be the best plan, will be 9 miles 34 chains. The whole line surveyed and laid off in sections of half mile each, is 30 miles 33 chains. The whole amount of lockage is 64 feet, distributed into eight locks. It is divided into three subdivisions.

The first is the feeder, which, as estimated by Mr. Hurd, was to cost, exclusive of land, damages, &c —

$52,858 00 for 6 miles and 19 chains.

To which I add
25 per cent.   13,214 52
_____
66,072 52

3d subdivision
is estimated
to cost   174,202 51 11 m 26 ch. at 15,484 64 p. m.
2d subdivision
(estimated) 115,128 09 12   68   at 12,410 24 do.
_____
Total cost   395,403 22 30 m. 33 ch.