

that, by the Governor & Council, may, for the purpose, at the expense of the said Company be appointed, who are hereby authorized and directed to appoint an Engineer for that purpose. And whereas, the Governor and Council appointed Charles B. Fisk Engineer, on the part of the State, and the said Maryland Canal Company, appointed George W. Hughes Engineer, on the part of the said Company, to make the necessary examinations, surveys and estimates, in pursuance of the aforesaid act. And whereas, the said Engineers have this day submitted to us the following Report. It is

Annapolis July 26th 1836

To His Excellency the Governor of Maryland.

Sir, I have the honor to inclose a Joint Report from the Engineer appointed by the Maryland Canal Company, George W. Hughes Esq, and myself appointed by the Governor & Council, to make certain examinations and surveys, as is more fully explained in the Report.

I am Very respectfully, your Obedt Servt

Charles B. Fisk Engineer

Annapolis July 26th 1836.

The undersigned having been appointed "to ascertain whether and at what expense with due supply of water a Canal be practicable from the Chesapeake of this Canal to the City of Baltimore by the Valley of the Monocacy of Patuxent or by a route diverging from the said Chesapeake of this Canal at the mouth of Geneva river exclusively within the limits of this State;" have the honor to report that under their direction two parties of Engineers have been engaged during much of the present month making such surveys as might serve to form a correct opinion upon the questions submitted to them for investigation.

The attention of the undersigned was first directed to the supply of water for the Summit level on Fox Spring ridge; and a personal examination soon satisfied them that the natural flow of the streams which have their rise in the ridge, was entirely inadequate to the wants of a Canal of even the minimum dimensions prescribed for the crooked Canal - and that therefore it would be necessary to collect into reservoirs the surplus waters of the winter and of the wet season in order to meet the deficiencies of the summer and of the dry season.

To ascertain whether in this way, by Reservoirs, a "due supply of water" for a Summit could be had we directed lines of level and of survey to be traced out embracing all the areas of Country which drain from a higher than, and that could be made available to the several Summits respectively.

For the commencement of our operations we selected a route as favorable as any, if not the most favorable of all - the one connecting the head waters of the Juganore with those of the Western branch of the

Patuxent