

ENGINEERS REPORT  
ANOKA COUNTY DITCH NO. 41

Filed

10/22/46

E. G. Carlson  
County Auditor  
By G. S.

In the matter of County Ditch proceedings now pending in Anoka, County and Known as County ditch No. 41 to be widened and deepened, where necessary, according to Chapter 71 Minnesota laws of 1945.

To the Board of County Commissioners,

I, R.G. Streetly, the undersigned Civil Engineer appointed by your order to act as engineer in the above matter: hereby certify that i have made such surveys and investigations as are required and hereby submit my report.

No plat or profiles of the original ditch were on file with the County Auditor so practically a new servey had to be made through the entire system. A plat showing the exact location accompanies this report. I find parts of this ditch in good condition and it requires but minors repairs in places. Branches No. 1-2 and 4, are in bad repair, however branch No. 3 requires very little attention except removing the brush in several places. There are numerous private lateral ditches constructed at a latter date than the original system, so no survey was made of these. however it is my opinion the viewers should take these into consideration.

To avoid a bad sand cut i changed the location of the new ditch for about one half mile. This will inprove the proper functioning of the ditch and avoid repairs later. There are several other sand cuts near the lower end of ditch but these can not very well be avoided. At some places the banks have caved

and the proper flow impared. The Culverts at the road crossings are too small and will have to be replaced with larger ones. The concrete culvert on Central Ave. is of proper size and will not have to be removed.

The grade line and size of this proposed ditch improvement has been approved by the State Department of Drainage.

I propose and recommend that if this ditch is repaired that the spoil banks be leveled to a slope of 4 to 1 at the time the repair is made and that the cost of sloping be included in the price for excavation. I do not believe the cost of this improvement will be excessive.

A copy of Auditors Plat No. 3 (Central Avenue Acres) Showing owners of lots and the ~~plans~~ location of Ditch 41 is attached to the plans for the convenience of the viewers and the County Auditor.

*R. G. Stratton*