

with the owners' names so far as they can be learned, that will be affected thereby, and such other information as they may have collected that will tend to show the correctness of their findings.

An. Code, sec. 81D. 1912, ch. 656, sec. 4.

87. The Board of County Commissioners shall consider this report at their first meeting. The engineer and other two viewers being present. If the viewers report that the drainage is not practicable or that it will not benefit the public health, or any public highway, or be conducive to the general welfare of the community, and the Board of County Commissioners shall approve such finding, the petition shall be dismissed at the cost of the petitioners. If the report of the viewers is favorable to the project and the Board of County Commissioners shall so find after hearing all the evidence, they shall make such recommendations as they think proper to the viewers, and direct them to make a complete survey, plans and specifications, and estimate of cost for the tiles, drains or levees, or other improvements, and fix a time when said engineer and viewers shall complete and file their final reports, not exceeding sixty days, unless extended by the commissioners in writing.

An. Code, sec. 81E. 1912, ch. 656, sec. 5.

88. The engineer and viewers shall have power to employ such assistants as may be necessary to make a complete survey of the drainage district, and shall enter upon the ground and make a survey of the main drain or drains and all their laterals. The line of each ditch, drain or levee shall be plainly and substantially marked on the ground. The course and distance of each ditch shall be carefully noted and sufficient notes made, so that it may be accurately platted and mapped. A line of levels shall be run for the entire work and sufficient data secured from which accurate profiles and plans may be made for each of the proposed drains or levees. Frequent bench marks shall be established along the line, on permanent objects, and their elevation and full description recorded in the field books and their location shown on the map. If it is deemed expedient by the engineer and viewers, other levels may be run to determine the fall from one part of the district to another. If no old water course, ditch or channel is being widened, deepened or straightened, it shall be accurately cross-sectioned, so as to compute the amount of cubic yards saved by the use of such old channel. A drainage map of the district shall then be completed, showing the location of the ditch or ditches and other improvements, and the boundary, as closely as may be determined by the records, of the lands owned by such individual landowner within the district. The location of any railroads or public highways and the boundary of any incorporated towns or villages within the district shall be shown on the map. There shall also be prepared to accompany this map a profile of each levee, drain or water course, showing the surface of the ground, the bottom or grade of the proposed improvement and the number of cubic yards of excavation or fill in each mile or fraction thereof, and the total yards in the proposed improvement and the estimated cost thereof, and plans and specifications and the cost of any other work required to be done.