

E. Wenzel

*Tipton Co Circuit Court
BK 7 PS 204-5*

MAY 1930

line stakes will be set by the engineer and grade sheets will be furnished the contractor for the construction of the work.

Banks shall have a slope of one (1) foot vertical to one and one half (1½) horizontal, and shall be so nearly smooth and even as is possible to secure the same in a good and workmanlike manner.

All earth excavated shall be deposited not nearer than ten (10) feet from the banks, and all excavations to be deposited about equally on either side of the ditch, except that no earth excavation is to be placed upon any public highways, and, also the contractor shall deposit excavation on one side of the ditch provided that the superintendent of construction gives his notice to do so. All excavations to be spread to a depth of not greater than three (3) feet.

When it becomes necessary to remove fences, the contractor shall give such owner or his tenant fifteen (15) days notice, and, in the event such fences are not removed within the time, the contractor shall take same down and lay them back of the right of way. Said right of way shall be cleared of all brush before earth excavated is deposited thereon, and all stumps on or within the banks of the ditch, which have been loosened, or when so ordered by the engineer, shall be removed. Before any trees are cut out by the contractor, except those directly interfering with the operation of the work, they shall be marked by the engineer or superintendent of construction.

The object of these specifications is to secure work which will fully accomplish the purpose for which this ditch is intended, and to assist the traveling public, and they shall be so construed at all times during the construction of this ditch.

From station 0 to station 37 plus 30 feet the construction is to be made with what is known commercially as second grade salt glazed double strength sewer pipe; said pipe shall be subject to the inspection and approval of the superintendent of construction. The following sizes are to be used, to wit:

- From station 0 to station 8 800 feet of 12 inch; (From station 8 to station 22 --
- From station 22 to station 37 plus 30 feet (1400 feet of 14 inch
- 1530 feet 15 inch

At 30 feet below station 37 there shall be a concrete connection made, so that the sewer tile and the present tile at that place will be connected in a good and workmanlike manner; all to be according to the direction of the superintendent of construction.

At 18 feet below station 22 and also 30 feet west of station 0 there shall be constructed catch basins according to the plans hereinafter shown. The tile for connecting the catch basin to the main ditch to be furnished and made by the contractor.

The present tile from station 37 plus 30 feet to station 74 are to be cleaned free of all roots and obstructions, also, all broken tile shall be replaced with first class tile of the same dimensions. Said tile to be repaired are of 16 and 18 inch diameters, and the bids for the construction of this ditch shall include a unit price for each tile and of each size necessary to be replaced.

A concrete abutment at station 74 shall be constructed 20 feet long, seven feet high at either end and dropped at the center eighteen inches; the bottom width to be two feet, battered to one foot at the top, the grade of the abutment to be eighteen inches below the grade of the ditch to be constructed at this point. All concrete used shall be composed of clean gravel and sand and portland cement, mixed in the proportion of one part cement, two parts sand and three parts gravel.

The present tile shall be excavated and relaid from station 74 back for a distance of thirty (30) feet, so that the outlet will be located in the center of the abutment.

All shrubs and trees shall be cut off by the contractor a distance of 25 feet

N $\frac{1}{2}$ for north half; W $\frac{1}{2}$ for west half; R for range; SW for southwest; S for south; QR for quarter; Wh for whole; S $\frac{1}{2}$ for south half.

We have also set out in tabulated form the items of expense necessary for the construction of this drain, naming the persons to whom due, the time and kind of service and have estimated the cost of service of the superintendent of construction and the attorneys' fees of petitioners' attorneys.

The following is a detailed description of the routes, locations, sources and terminus of the Elizabeth Wendt et al. ditch, to-wit:

Beginning 560 feet north and 15 feet east of the northwest corner of the southwest quarter ($\frac{1}{4}$) of section 5, township 20 north, range 4 east in Hamilton county, Indiana,
Thence north 79 degrees east 800 feet
thence north 37 degrees east 930 feet
thence north 19 degrees east 1390 feet
thence north 36 degrees west 610 feet,
thence following present tile drain to station 74, which is 225 feet north and 36 feet east of the southwest corner of the northwest quarter ($\frac{1}{4}$) of the northwest quarter ($\frac{1}{4}$) of section 32, township 21 north, range 4 east, thence north parallel to section line 3475 feet,
thence north 70 degrees east 425 feet,
thence north 83 degrees east 265 feet,
thence east parallel to half section line 410 feet
thence north 52 degrees east 275 feet,
thence north 56 degrees east 245 feet
thence north 28 degrees east 450 feet
thence north 22 degrees east 300 feet,
thence north 51 degrees east 455 feet, and ending and terminating 1420 feet south and 160 feet east of the northwest corner of the northeast quarter ($\frac{1}{4}$) of section 29, township 21 north, range 4 east in Tipton county, Indiana, and emptying into what is known as Cicero Creek.

General Specifications

Bidders are expected to examine the specifications and make personal observation of the work in the field, and shall decide for themselves as to the character thereof and as to the correctness of the Engineer's estimates of the cubic yards of excavation set out in the specifications, as no allowances will be made for any additional compensation paid to the contractor for his failure to estimate correctly all difficulties and unforeseen contingencies which may attend the execution of the contract.

Each bid shall be accompanied by a certified check, certified by a responsible bank, in the sum of \$700.00, as a guarantee that, if awarded the contract, he or they will enter into a contract and furnish a bond satisfactory to the Engineer and Superintendent of Construction in a sum equal to one and one-half ($1\frac{1}{2}$) times the amount of the contract price or bid. Should the bidder, to whom the contract is awarded, fail or refuse or neglect to enter into such contract and furnish satisfactory bond within ten (10) days from the time he shall have been notified of the acceptance of his bid, then said certified check shall be forfeited as liquidated damages and become a part of the funds collected for the construction of said ditch. No bid shall be considered if unaccompanied by said

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