The Leopard of Hafia

A Story of Man and Beast

By CLARISSA MACKIE

The African desert was bathed in [illegible] glow. Mile on mile of flat yellow sand took on a palpitating crimson, and with the dropping sun came a [illegible] breeze that rustled the fronds of the palm trees and made the oasis cool and inviting.

Among the palms was a white tent, and stretched on a bit of oriental carpet before it were two men, Americans. The younger one refilled his pipe and looked up into his companion's grave, lined face.

"Do you know, Howland," he said with boyish enthusiasm, "I wouldn't have missed this trip with you for a year's income! It's great!"

"Glad you like it," mumbled Howland.

Pearson went on, speaking rapidly:

"I was mighty glad that you invited me to come along and make the photographs for your book. It's taking me out of the amateur class into professional photography.

"And that's not all, Howland. If you hadn't invited me along I would be grubbing away in Wall street tonight instead of seeing the fire of the moon on the sand, the breeze in the palms and Ali there smoking his water pipe."

Howland laughed oddly.

"I hope the remainder of the trip suits you as well," he said carelessly. "We reach the edge of the jungle tomorrow at sunset."

"Good!"

The desert was dark now, and above the horizon the rim of a blood red moon lifted slowly.

Silence brooded over the place. The camels, mere brown lumps of shadow, slept. Ali and his fellow servants had withdrawn to a distance, where they squatted in the sand, silent, meditative.

Pearson shook the ashes out of his pipe and yawned.

"I believe I'll turn in for awhile," he apologized. "You'll want to start by midnight, I suppose."

"Yes; good night," said Howland shortly.

Pearson vanished within the tent, and Howland sat alone, motionless. His eyes were fixed on the rising moon, while the thin smile edged his lips.

A cluster of overripe dates thudded to the ground, and he started violently.

"It will soon be over," he muttered. "And the book—can go hang!"

Then he, too, disappeared within the tent to get a few hours' sleep, if possible. But an uneasy conscience made his slumber very broken and filled with most disquieting dreams. The sound of Pearson slumbering quietly near by fired him with intense rage, and he finally left the tent to sit outside and smoke his pipe.

The next day at sunset found Howland's party encamped at the edge of the jungle. Here the desert had merged into low hills clothed in coarse vegetation and scattered rocks. In the background loomed the jungle, dark, mysterious and forbidding.

"This looks like lion country," remarked Pearson as he sipped Ali's delicious coffee.

"It is lion country," agreed Howland. "See how uneasy the camels are, and the bearers are badly frightened."

"I suppose you will be sending the men back to Podok," said Pearson.

Howland nodded. "The blacks can pack the supplies, and when I come back from the jungle trip I can send runners after Ali and his camels."

Before midnight Ali and his camel train had vanished in the desert, and with their going Bob Pearson felt a strange sense of depression.

He tried to shake off the feeling, but it clung to him and kept sleep away from his weary eyes.

In the cool of early dawn Howland shook him roughly.

"Come out here," he said in a tense voice. "I want to show you something."

Alert, Pearson seized his shotgun and followed Howland outside the tent.

In the east the horizon was pearl gray. Overhead the stars gleamed in the deep blue sky.

"What is the matter?" whispered Pearson.

"Sh!" Howland's arm swept in a gesture that overleaped the circle of camp fires with their sleepy attendants.

Pearson looked and saw on a nearby ridge the black silhouette of a stalking lion.

"Good!" he muttered. "Am I to have a shot at him?"

"No. I'm saving you for the leopard of Hafia," returned Howland quickly.

Pearson laughed.

"Saving me for the leopard, eh?" he repeated. "Sounds a bit cold blooded, Howland."

"Saving the leopard for you, then," said Howland in an odd tone. "This leopard of Hafia has a record, they say."

"How?"

"Three hundred natives or more has he carried off. He's easily the king of beasts."

"I'd like to get him," said Pearson quietly.

Howland's gunshot rang out with startling suddenness. The lion grunted savagely and disappeared over the brow of the hill.

The black boys huddled in abject fear.

"Missed!" laughed Howland. "But I'm glad. I don't want him botheringa around when that leopard comes."

"I may as well sit up here and wait for him," said Pearson, sitting cross legged before the tent and placing his weapon beside him.

"It is as well," said Howland.

For a long time they sat there, waiting for the dawn and the coming of the leopard of Hafia. Pearson recalled all the stories of this man eating terror which Ali had poured in his ears, and then his thoughts drifted to James Howland and how changed he was from the man he had always known.

At the beginning of the expedition Howland had been companionable enough, but latterly he had grown moody and silent and almost unbearably taciturn.

Then Pearson's thoughts flew to a girl back there in New York, Eleanor Browning. He had asked her to marry him the night he called to say farewell, and she—

Howland's voice cut the silence like a knife.

"I think your friend is coming, Pearson."

Pearson leaped to his feet and reached for his gun.

It was gone.

"My gun!" he said hastily.

As he spoke he saw in the pale daylight the crouching form of a magnificent leopard. It was on the farther edge of a small semicircle formed by brush and rocks.

Pearson looked around and rubbed his eyes.

Vanished were the tent and the bearers and their cumbersome packs.

Only Howland stood there, a cold, cynical smile on his lips. He was leaning on his own gun.

"What does it all mean?" snapped Pearson impatiently. "Why the melodramatic atmosphere?"

"It should be tragic. You're going to die, Pearson, a horrible death. I've planned it since I asked you to join my expedition. You are going to meet the leopard of Hafia in a hand to hand battle!"

"Heavens, Howland, are you crazy?" demanded the other, leaping at the older man's gun.

"I'm quite sane," snarled Howland, backing away. "I loved Eleanor Browning, but she refused to marry me. I knew the reason why, and so I planned to bring you with me. If I cannot have her you never shall!"

"Fool!" cried Pearson angrily, his eyes never leaving that splendid savage form beyond the semicircle. "I love her, too, and I told her the very night before we sailed, but"—

"But you will never go back to her, Pearson," interrupted the half crazed man. "Ah, here comes your foe!"

Howland jumped aside, and Pearson turned to look at the huge cat.

Apparently puzzled by the lack of fear and by the strange actions of the two men, the leopard had waited, half hidden by a thorn bush.

As Pearson whirled about the leopard came into the open space, the sun shining on the rich black and orange of his spotted hide.

Bob Pearson was no coward, but this contest with a monarch of the African jungle was unequal to the point of absurdity.

There was not time to battle with Howland and try to secure the gun. Howland had dropped from sight behind a bowlder.

In the middle of the arena the leopard paused, its long tail switching slowly, its orange hide rippling over the quivering muscles. Suddenly it screamed and launched itself at Pearson.

Pearson was crouching, with tensed muscles and a prayer on his lips.

As the leopard leaped at him Pearson rushed forward, and the huge beast sailed over his body and struck the ground with a jarring thud.

Pearson jumped around to face the leopard as the enraged animal approached him in short, snarling leaps.

Bob Pearson knew that the end was near. He could not dodge this splendid enemy. In less time than it takes to relate it the leopard made another quivering leap at its victim, and as the great bulk of flesh bore him to the ground Bob heard a queer cracking sound.

He opened his eyes upon the blazing sky. Howland was bending over him, and there was a strange smell of antiseptics from the medicine chest.

Howland's face had changed from its recent ferocity and was the face of the Howland of old—grave, calm and sane.

"You are all right, Pearson?" he asked anxiously. "I potted the beast at the last moment, and beyond a scratch on your shoulder"— His voice broke, and he turned away.

Pearson lifted himself upon his elbow, feeling dizzy and faint.

Beyond him the dead leopard of Hafia was stretched on the sand. Howland's bullet had killed it instantly.

"Forgive me, Bob," whispered Howland. "I was quite mad until that last scream, and then my brain cleared, and I knew myself for a murderer. Then I fired, thank God! I have saved you for her!"

Bob Pearson found Howland's hand and clung to it. A wry smile twisted his mouth.

"I—I didn't finish my story," he said. "The night before we sailed I told Eleanor of my love, and she refused me."

"Refused you!" echoed Howland blankly.

"Yes. She's going to marry Munson, the old millionaire. And, Howland, if you can bring back the pack carriers I'd like my camera. We've got to get a picture of the leopard of Hafia for your book."

HOW TO AMUSE THE BABY WITHOUT TIRING YOURSELF.

It is a great mistake for any one to be constantly amusing quite small children. They will amuse themselves very well if left to do so and not be so tired as if a strain is always kept up.

It is a great thing to let a baby crawl on the floor. Never mind if he does tumble his pretty frock. Let him have a holland pinafore in which he may enjoy himself. Sometimes a child declines to creep. To encourage him to do so get a crawling carpet for him. This can be made almost of any material. Brown crash for summer or white felt for winter is very suitable stuff for this purpose. Having cut out a carpet as large as the space at your disposal where the baby may safely disport himself, hem it nicely all round and then cut out the pictures of the animals he likes best in red flannel and sew them around the border.

The larger the figures are and the more lifelike the better will they be liked. It is often very amusing to see what efforts a child will make to reach the animal he wants and how quickly he recognizes the likeness. The baby will laugh and crow at the enjoyment he derives from this simple arrangement.

If the carpet is made of washing material it must be lined or doubled to give it proper firmness, but white felt or, better still, flannel is the most suitable material to use. Patterns of animals may be purchased already cut out, and when they have been prepared they can be fastened on the flannel by buttonholing them firmly in place. It is a mistake to sew them too closely together, as this rather confuses the child. Let baby take a little exercise in the effort to reach the animal he wishes to play with.

ATTRACTIVE CLOTHES CLOSET

How to Keep Your Garments Spick and Span.

The appearance of the clothes closets is one of the tests of good housekeeping. They may be made as attractive as they are often unattractive if the housekeeper will give them a little attention.

One good closet which presents a good appearance is unusually convenient and has some excellent ideas for keeping dresses from the dust. It has a pole the entire length of the closet.

On this are hung a large number of coat and skirt hangers, covered with silkaline. The owner says that it is just as well to use silkaline as silk, and it is less expensive.

Attached to the hook on each hanger and gathered closely to it is a bag of the silkaline as long as a dress.

The bag is left open at one side to slip the dress into it, with ribbons in two places to tie the bag together, and sewed across the bottom so that the bottom of the skirt or the train, where there is one, will be protected.

Every garment has its own special hanger and bag for protecting it from the dust. At one end of the pole are the common dresses, and they graduate on to the better dresses and those for evening wear at the other end of the closet. When a dress is taken off it is placed at once on a hanger and frequently hung before an open window to be thoroughly aired.

If it is evening when it is removed it hangs before the window all night; then in the morning, if another is to be worn, the first is placed in the closet in its proper place on the pole. The owner can go to the closet in the dark and at once find any garment.

When shoes are removed they have shoe trees inserted while the shoes are warm, and a flannel cloth is kept in a convenient place and the dust rubbed off, which requires only a moment's time.

The shoes are then ready to be worn the next time, and they are kept in much better condition than when the dust is permitted to remain on them.

How to Make a Flabby Skin Firm and Smooth.

If the skin on the face or throat is flabby you will find a salt massage of the greatest benefit. This will make the skin firm and strong. Just take a half handful of salt and rub it into the skin—not too hard, for the roughness of the salt will redden and irritate the flesh, but gently and evenly. After a soft but thorough salt massage wash the face off with cold water.

The action of the salt, whether used dry or in the bath, is to enliven the circulation and to stimulate the nerves. This in turn makes the skin clearer, the color better and the general surface firmer and smoother.

Salt as a tooth powder is also at its best, for it whitens the teeth and hardens the gums.

When salt is such an aid to health and beauty and is so very cheap, every bathroom should hold it.

How to Disinfect a Sickroom Without Any Chemicals.

The best disinfectants ever invented are pure air and sunshine. A sickroom well ventilated after the close of a case; the bedding, carpets, rugs and so on exposed to the blessed sunshine; plenty of soap and water for scrubbing up—these factors will, for most infectious diseases, be all the disinfection necessary.

NOTICE OF LETTING

Of Drain Contracts For Fortman Drain at Residence of Ignatius Fortman, Section 12, Owosso Township, on Thursday, November 18th, A. D. 1915.

Notice is hereby given, that I, Alonzo Griffin, County Drain Commissioner of the County of Shiawassee, State of Michigan, will on the 18th day of November A. D. 1915, at the residence of Ignatius Fortman in the township of Owosso in said County of Shiawassee at ten o'clock in the forenoon of that day, proceed to receive bids for the construction of a certain drain known and designated as "Fortman Drain," to be located and established in the township of Owosso in said County of Shiawassee and described as follows, to-wit:

Commencing at a point in the Owosso and Caledonia Drain 5 53-100 chains west and 8 50 100 chains south of the e ne ¼ post of sec 12 T 7 N R 2 E, Shiawassee County, Michigan, thence s 6 degs w on the n ⅜ of se ¼ of ne ¼ of said sec 12, William Schneider and wife owners, 3 25-100 chains; thence s 12 degs e 0 21-100 chains to a point 5 65-100 chains west of the se corner of said land.

Length of drain on said land is 3 56-100 chains.

Thence s 12 degs e on the s ⅜ of se ¼ of ne ¼ of said sec 12 and the n 10 acres of ne ¼ of se ¼ of said sec 12, Fred P. Ferguson owner, 1 55-100 chains; thence s 6¾ degs w 1 82-100 chains; thence s 11¼ degs e 8 99-100 chains; thence s 15 degs e 0 79 100 chains to a point 2 77 100 chains west of the se corner of said land.

Length of drain on said land is 13 15-100 chains.

Thence s 15 degs e on the s 20 acres of n 30 acres of ne ¼ of se ¼ Charles Holman owner, 0 97-100 chains; thence s 7 degs w 1 46-100 chains thence s 32 degs. w 3 25-100 chains; thence s 26½ degs w, 4 80 100 chains to a point 6 23-100 chains west of the se corner of said land.

Length of drain on said land is 10 48-100 chains.

Thence s 26½ degs w on the s 10 acres of ne ¼ of se ¼ of said sec 12, Ignatius Fortman and wife owners, 1 26-100 chains; thence s 15 degs w 2 54-100 chains; thence s 14 degs w 0 99-100 chains to a point 7 56-100 chains west of the se corner of said land.

Length of drain on said land is 5 15-100 chains

Thence s 14 degs w on the following described land:

Commencing at the ne corner of se ¼ of se ¼ of said sec 12; thence w 52 rods 6 inches; thence south 16 rods 9 feet; thence e 52 rods 6 inches; thence north to beginning, also commencing 54 rods north of the se corner of said sec 12; thence west along the north line of land formerly owned by E. A. Todd, 54 rods 4 feet, thence north to south line of land formerly owned by Geo. Howe; thence east 54 rods 4 feet; thence south to beginning, Edward Cushman and wife owners, 6 45 100 chains to a point 8 89-100 chains west of the se corner of said land.

Length of drain on said land is 6 45-100 chains.

Thence s 14 degs w on the north ½ of the following described land:

Commencing 7 53-100 chains north and 6 87 100 chains west of the se corner of said sec 12; thence w 6 67-100 chains; thence w 6 chains; thence e 6 67 chains; thence south 6 chains to beginning, Nelson A. Clough owner, 0 10 100 chains; thence s 6½ deg w 2 93 100 chains to a point 1 90-100 chains west of the se corner of said land.

Length of drain on said land is 3 03-100 chains.

Thence s 6½ degs w on the south ½ of the following described land:

Commencing 7 53-100 chains north and 6 87-100 chains west of the se corner of said sec 12; thence w 6 67-100 chains; thence n 6 00-100 chains; thence e 6 67-100 chains; thence s 6 00-100 chains to beginning, Francis D. Rood owner, 2 96-100 chains; thence s 32 degs w. 6 97-100 chains to a point 2 43-100 chains west of the se corner of said land.

Length of drain on said land is 3 03-100 chains.

Thence s 32½ degs w on the following described land:

Commencing at the se corner of said sec 12, thence n 30 rods, west 55 5-6 rods, s 30 rods e to beginning except 2 acres in the ne corner and 1 acre in sw corner, Maurice A. Herrick owner, 2 73-100 chains; thence s 30 degs e 2 00 100 chains; thence s 30 degs e 0 89-100 chains to the terminus of said drain at a point 2 87-100 chains north and 6 39-100 chains west of the se corner of said sec 12.

Length of drain on said land is 5 62-100 chains.

Total length of the Fortman Drain is 50 47-100 chains.

SPECIFICATIONS FOR THE FORTMAN DRAIN.

1. Center stakes are set as follows: At the outlet, terminus and all angles of the drain.

2. Station stakes and grade hubs are set every 4 rods along the line of the drain.

3. Station stakes are numbered consecutively as follows: From 0 at the outlet to 50 plus 47 at the terminus.

4. Station stakes and grade hubs are set as follows with reference to the center line of the drain. 12 links to the right going up stream from the outlet.

5. All dimensions are to be measured from the top of the grade hub at each station stake.

6. The drain shall be constructed of tile as follows: 12 inch, station 0 to station 32 plus 34 and station 32 plus 34 to station 50 plus 47 10 inch.

7. The depth of the drain shall be 6 10-100 feet or less, to be taken from the profile or grade table, which are herewith returned and made a part of the survey records.

8. Between stations the bottom shall be dug to a true grade, based on the depth at each grade hub.

9 The bottom shall be dug to the shape and size of the tile to be placed therein.

10. All tile shall be so laid as to rest on the bottom of the excavation their full length, and any rock or stone in the bottom of the trench shall be removed so as to leave the bottom of the tile on a firm earth foundation.

11. All tile shall have a good and true joint with the preceeding tile and no open joints or cracks shall be allowed.

12. Should quick sand or other material giving a poor foundation, or having a tendency to run in at the joints, be encountered, the Drain Commissioner or his representative shall be notified and their special directions shall be followed.

13. No tile shall be covered until inspected by the County Drain Commissioner or his representative.

14. When covering tile, enough fine earth, free from stone or rubbish, shall be carefully tamped around the tile to bring the earth level with the top of the tile, when the next foot of fine earth shall be carefully placed in the trench and tamped, after which the remaining excavated earth may be scraped and tamped carefully in place, but no stone or rock shall be put back in the trench.

15. All angles shall be turned on an easy curve, beginning and ending not less than two rods each side of the angle stake where possible, otherwise special angles or bends shall be furnished.

16. The right of way for said drain shall consist of a strip of land eighty feet wide, forty feet being on each side of the above described route, which shall be the center line of the drain.

17. All work shall be done in a good and workmanlike manner and shall be approved by the County Drain Commissioner or his representative before being considered complete.

18. Surveyed and leveled July 30 and 31, 1915 by order of

ALONZO GRIFFIN,
Drain Commissioner of Shiawassee County.

V. W. ROYCE, Surveyor.

Bids will be received for furnishing and delivering the following tile to-wit:

130 rods 12 inch No. 1 drain tile.

73 rods 10 inch No. 1 drain tile.

Bids may be received for constructing one cement bar at lower end of tile, also one or more catch basins.

Said job will be let by sections. The section at the outlet of said drain will be let first, and the remaining sections in their order up stream, in accordance with the diagram now on file with the other papers pertaining to said drain, in the office of the County Drain Commission of said County of Shiawassee, to which reference may be had by all parties interested, and bids will be made and received accordingly, reserving the right to let it in one section. Contracts will be made with the lowest responsible bidder giving adequate security for the performance of the work, in a sum then and there to be fixed by me, reserving to myself the right to reject any and all bids. The date for the completion of such contract, and the terms of payment therefor, shall be announced at the time and place of letting.

Notice is further hereby given, that at the time and place of said letting, or at such other time and place thereafter to which I, the County Drain Commissioner aforesaid, may adjourn the same, the assessments for benefits to the lands comprised within the "Fortman Drain Special Assessment District," and apportionments thereto, will be announced by me and will be subject to review for one day, from nine o'clock in the forenoon until five o'clock in the afternoon.

The following is a description of the several tracts or parcels of land constituting the Special Assessment District of said drain, viz:

The township of Owosso at large and the following described lands in said township:

Section No. 12—Se 2 a of n 25 a of se ¼ of ne ¼; s 15 a of se ¼ of ne ¼ exc nw 3 a, also n 10 a of ne ¼ of se ¼; s 10 a of n 30 a of ne ¼ of se ¼; s 10 a of ne ¼ of se ¼; se 12 a of nw ¼ of se ¼; com at ne corner of se ¼ of se ¼, thence w 52 rods 6 in, s 16 rods 9 ft, e 52 rods 6 in, s 26½ rods, e 18 rods, n 43 rods 3 ft 6 in to beg; com 10¼ chs n and 6 87-100 chs w of se corner, thence w 6 87 100 chs, n 3 chs, e 6 87-100 chs, s 3 chs to beg; com 7 50-100 chs n and 6 87 100 chs w of se corner, thence w 6 87-100 chs, n 3 chs, e 6 87-100 chs, s 3 chs to beg; com at se corner of sec, thence n 30 rods, w 55 5-6 rods, s 30 rods, e 55 5-6 rods to beg, exc 2 a in ne corner owned by A Hutchings, and 2 a in sw corner owned by Wesley Rundell and W. S. Smith estate; com 30 rods n of se corner of sec, thence w 28½ rods, n 24 rods, e 28½ rods, s 24 rods to beg; com 30 rods n of se corner of sec, thence w 28½ rods, 11 4-17 rods, e 28½ rods, n 11 4-17 rods to beg; com 33½ rods w of se corner, thence w 10 rods, 23¼ lks n, 14½ rods e, 10 rods 23¼ links, s 14½ rods to beg; com 55 rods 13¾ ft w of se corner, thence n 14½ rods, e 11¼ rods, s 14½ rods, w 11¼ rods to beg; e 4 a of n ½ of n ½ of sw ¼ of se ¼; e 4 a of s ½ of n ½ of sw ¼ of se ¼; n ½ of said des, com 16 rods w of center of Washington street, thence n 22 rods, w 8 rods, s 22 rods, e 8 rods to beg; ne 1 a of s 4 a of w 10 a of se ¼ of se ¼; n ½ of w 3 a of e 5 a of se ¼ of sw ¼ of se ¼; n ½ of said des, com at se corner of sw ¼ of se ¼, thence n 40 rods, w 8 rods, s 40 rods, e 8 rods to beg; com 54 rods n of se corner and 18 rods w of sec line, thence w 54 rods 4 ft, n 17 2-9 rods, e 54 rods 4 ft, s 17 2-9 rods to beg.

All in T 7 N R 2 E.

The township of Caledonia at large and the following described lands in said township:

Section No. 7—Sw 6 a of n pt of w pt of sw frl ¼ (21 68-100 a); w 4 a of 10 a on w ¼ of sw frl ¼ bounded on n by I. Stechschutte land, e by e ½ of sw frl ¼, s by Wm. Archer land, w by town line; n 11 a of center pt of w ½ of sw frl ¼ exc ne 2 a; s 20 a of central pt of w ½ of sw frl ¼ exc 10 a sold to Barnefske; com at a point on w sec line 4 chs 99 links n of sw corner of sec, thence e parallel to sec line of sec 18, 20½ chs to ⅛ line, thence n on ⅛ line 11 17-100 chs, thence w parallel to sec line 7 51-100 chs, thence s parallel to ⅛ line 9 63-100 chs, thence w to w sec line, thence s on sec line to beg exc se 8 a.

All in T 7 N R 3 East.

Now therefore, all unknown or non-resident persons, owners of and persons interested in the above described lands and you Ellison T. Wilbur supervisor, and George I. Rush highway commissioner of the township of Owosso, and you Wm. Schneider and wife, Fred P. Ferguson, Charles Holman, I. Fortman and wife, A. W. Clapp and wife, Edward Cushman and wife, Flora C. Leslie, Wm. H. Rood, M. A. Herrick, Hellen Holman, A Hutchings, Wesley Rundle, W. S. Smith estate, Mrs. M. Cushman, Robert Raatz, George Freeman, Samuel Trench, Sarah M. Hanford, George Henderson, Oscar r. Bailey and you Charles Taphouse supervisor, and L. G. Cudney highway commissioner of the township of Caledonia and you I. Stechschutte, Bernard Alker, Wm Archer, Joel Butts, F. Barnefske, M. J. Roberts are hereby notified that at the time and place aforesaid, or at such other time and place thereafter to which said hearing may be adjourned, I shall proceed to receive bids for the construction of said drain in the manner hereinbefore stated, and also that at such time of letting, from nine o'clock in the forenoon to five o'clock in the afternoon, the assessments for benefits to the lands comprised within the "Fortman Drain Special Assessment District" will be subject to review, and you, and each of you, owners of and persons interested in the aforesaid lands, are hereby cited to appear at the time and place of said letting as aforesaid, and be heard with respect to such special assessments and your interests in relation thereto, if you so desire.

Dated this 27th day of Oct. A. D. 1915.

ALONZO GRIFFIN,
County Drain Commissioner of the County of Shiawassee.

NOTICE OF LETTING

Of Drain Contract For Totems Drain at the Farm Residence of James Hopson Sr., Section 25 New Haven Township on Wednesday, November 17th, A. D. 1915.

Notice is hereby given that I, Alonzo Griffin, County Drain Commissioner of the County of Shiawassee, State of Michigan, will on the 17th day of November A. D. 1915, at the farm residence of James Hopson Sr., in the township of New Haven in said County of Shiawassee at ten o'clock in the forenoon of that day, proceed to receive bids for the construction of a certain drain known and designated as "Totems Drain," to be located and established in the townships of Hazelton, New Haven and Caledonia in said County of Shiawassee and described as follows, to wit:

Commencing at a point 4 47-100 chains east and 82 links north of the southeast cor of sec 25 T 8 N R 3 E, Shiawassee County, Michigan; thence s 89½° w on the south 14½ acres of the west 34½ acres of the sw ¼ of Sec 30 T 8 N R 4 E Chas. Vautherot and wife owners 4 47-100 chains to a point 82 links north of the se corner of Sec 25 T 8 N R 3 E.

Length of drain on said land is 4 47-100 chains.

Thence s 89½° w on w ½ of e ½ of se ¼ e ½ of e ½ of se ¼ and e ½ of w ½ of se ¼, of Sec 25 T 8 N R 3 E, James A. Hopson owner, 5 67-100 chains, thence n 86½° w 9 05 100 chains; thence n 86° w 15 63-100 chains to a point 37 links north of the sw corner of said land.

Length of drain on said land is 29 75-100 chains.

Thence n 86° w on the w ½ of w ½ of se ¼ of said Sec 25 Elisha Peterquin owner, 5 06-100 chains; thence n 2¾° e 7 13-100 chains; thence n 88° w 4 85-100 chains to a point 7 50-100 chains north of the sw corner of said land.

Length of drain on said land is 17 04-100 chains.

Thence n 88° w on the sw ¼ of said sec 25, Susan C. Muat owner, 14 16-100 chains; thence south 6 41-100 chains, thence s 3¾° e 0 42-100 chains to a point 14 16-100 chains west of the se corner of said land.

Length of drain on said land is 20 99-100 chains.

Thence s 3¾° e on the north 60 acres of nw ¼ of Sec 36 T 8 N R 3 E, Michael Hart owner, 0 90-100 chains; thence s 5° w 9 33 100 chains; thence s 65° e 6 88-100 chains to a point 9 92-100 chains west of the se corner of said land.

Length of drain on said land is 16 41-100 chains.

Thence s 35° e on the s 60 acres of n 120 acres of nw ¼ of Sec 36 T 8 N R 3 E. John Hart estate owners, 7 51-100 chains; thence s 6 degs w 5 71-100 chains; thence s 10 degs w 3 30-100 chains to a point 6 18-100 chains west of the se corner of said land.

Length of drain on said land is 16 52-100 chains.

Thence s 10 degs w on the s 40 acres of the nw ¼ of said sec 36, Peter Hart owner, 1 86-100 chains; thence s 4¼ degs w 7 90-100 chains; thence s 30¾ degs w 2 06-100 chains to a point 6 71-100 chains west of the center of sec 36 aforesaid.

Length of drain on said land is 11 82-100 chains.

Thence s 30¼ degs w on the e ½ of e ½ of sw ¼ of sec 36 aforesaid. Louise S. Carlin estate owners, 1 38-100 chains, thence s 82½ degs w 1 59-100 chains to a point 3 30-100 chains south of the nw corner of said land.

Length of drain on said land is 2 97-100 chains.

Thence s 82½ degs w on the w ½ of e ½ of sw ¼ of said sec 36, Chas Brodsick and wife owners; 2 78-100 chains, thence s 70 degs w 2 62-100 chains; thence n 87 degs w 4 87-100 chains; thence s 70 degs w 0 62-100 chain to a point 4 93-100 chains south of the nw corner of said land.

Length of drain on said land is 10 24-100 chains.

Thence s 70 degs w on the n ¼ of w ½ of sw ¼ of said sec 36, Peter Hart owner, 5 28-100 chains; thence south 2 78 100 chains; thence s 19½ degs w 08-100 chains to a point 4 76-100 chains west of the se corner of said land.

Length of drain on said land is 8 14-100 chains.

Thence s 19½ degs w on the s ¾ of w ½ of sw ¼ of said sec 36, Edward Lecureaux and wife owners, 1 28-100 chains; thence s 44 degs w 3 09-100 chains; thence s 62 degs w 1 65-100 chains; thence s 39¾ degs w 2 55-100 chains; thence s 88¾ degs w 3 37-100 chains; thence south 9 45-100 chains; thence west 6 61-100 chains; thence s 2¾ degs w 13 67-100 chains; thence n 88½ degs w 0 27-100 chains to a point 29 links north of the sw corner of said land.

Length of drain on said land is 41 87-100 chains.

Thence n 88½ degs w on the se ¼ of se ¼ of Sec 35 T 8 N R 3 E, Paul Totems owner 18 16-100 chains; thence s 1¼ degs w 0 27-100 chains to a point 18 16-100 chains west of the se corner of said land.

Length of drain on said land is 18 43-100 chains.

Thence s 1¼ degs w on the n 40 acres of ne ¼ of Sec 2 T 7 N R 3 E, Abel Totems owner, 0 34-100 chains; thence n 88¾ degs w 21 58-100 chains to a point 26 links south of the nw corner of said land.

Length of drain on said land is 21 92-100 chains.

Thence n 88¾ degs w on the e 64 acres of n ½ of nw ¼ of said sec 2 T 7 N R 3 E. Paul Totems owner, 24 19-100 chains to the terminus of said Totems drain at a point 25 links south and 24 19-100 chains west of the n ¼ post of Sec 2 T 7 N R 3 E.

Length of drain on said land is 24 19-100 chains

Total length of Totems drain is 244 76-100 chains.

SPECIFICATIONS FOR TOTEMS DRAIN.

Center stakes are set at the outlet terminus, and at all angles of the drain.

Station stakes and grade hubs are set every 8 rods along the line of the drain.

Station stakes are numbered consecutively from 0 at the outlet of drain to 122 plus 76 at the terminus of the drain.

Station stakes and grade hubs are set as follows: No. 0 to No. 2 out 12 lks. left, No. 3 to No 13 out 18 lks. left, No. 14 to No. 36, 14 lks left, No. 37 to No. 83, 14 lks. right, No. 84 to No. 99 are 14 links left, No. 100 to No. 107 are 14 links right, No. 108 to terminus are 12 links left going up stream from the outlet, with reference to the center line of the drain.

The width of the bottom of the drain shall be as follows: Four feet from station 0 to station 83 plus 28 and 3 feet from station 83 plus 28 to the terminus.

The slope of the banks shall be one horizontal to each foot of depth.

The width of the top shall be two times the depth added to the width of the bottom.

The depth of the drain shall be 6 30 100 feet or less, to be taken from the profile or grade table which are herewith returned and made a part of the survey records.

Between stations the drain shall be dug to a true grade, based on the depth at each grade hub.

All measurements shall be from the tops of the grade hubs or bench marks.

All angles not affecting the highway or at the face of culverts shall be turned on an easy curve, beginning and ending not less than two rods each side of the angle stake.

The right of way required for the drain shall consist of a strip of land 80 feet wide, 40 feet being on each side of the above described route, which shall be the center line of the drain.

All trees, rocks, brush, stumps, etc., shall be removed from the right of way far enough from each side of the center line so that the full width of the drain a good clean berm of 6 feet and the spoil banks shall be in the cleared area.

All work shall be done in a good and workmanlike manner and shall be approved by the Drain Commissioner, or his representative, before being considered completed.

Surveyed and leveled June 23-24-25, 1915, by order of

ALONZO GRIFFIN,
County Drain Commissioner of Shiawassee County.

V. W. ROYCE, Surveyor.

Bids may be received for constructing or repairing four highway bridges.

Said job will be let by sections. The section at the outlet of said drain will be let first, and the remaining sections in their order up stream, in accordance with the diagram now on file with the other papers pertaining to said drain, in the office of the County Drain Commissioner of said County of Shiawassee, to which reference may be had by all parties interested, and bids will be made and received accordingly, reserving the right to let it in one or more sections. Contracts will be made with the lowest responsible bidder giving adequate security for the performance of the work, in a sum then and there to be fixed by me, reserving to myself the right to reject any and all bids. The date for the completion of such contract, and the terms of payment therefor, shall be announced at the time and place of letting.

Notice is further hereby given, that at the time and place of said letting, or at such other time and place thereafter to which I, the County Drain Commissioner aforesaid, may adjourn the same, the assessments for benefits to the lands comprised within the "Totems Drain Special Assessment District," and apportionments thereto, will be announced by me and will be subject to review for one day, from nine o'clock in the forenoon until five o'clock in the afternoon.

The following is a description of the several tracts or parcels of land constituting the Special Assessment District of said Drain, viz:

The township of Hazelton at large and the following described lands in said township:

Section No. 30—Sw 2 a of s 14½ a of w 34½ a of sw ¼ all in T 8 N R 4 E.

The township of New Haven at large and the following described lands in said township.

Section No. 25—S 20 a of e ½ of se ¼ and sw 15 a of e ½ of w ½ of se ¼; s 30 a of w ¼ of se ¼; se 60 a of sw ¼.

Section No. 35—S ½ of e ½ of ne ¼ and central 3 a on e side of n ½ of e ½ of ne ¼; se 5 a of e ½ of w ½ of ne ¼; ne ¼ of se ¼; se ¼ of se ¼; s 20 a of e ¾ of w ½ of se ¼; s 12 a of e ½ of sw ¼ and w ½ of se ¼; s 8 a of w ¾ of e ½ of sw ¼; se 10 a of sw ¼ of sw ¼.

Section No. 36—Sw 6 a of w ½ of ne ¼; n ¼ of nw ¼ and s 20 a of n 160 a of nw ¼; s 60 a of n 120 a of nw ¼; s 40 a of nw ¼ and n ¼ of w ½ of sw ¼; s ¾ of w ½ of sw ¼; n 22 a of w ½ of e ½ of sw ¼; n 14 a of e ¼ of sw ¼.

All in T 8 N R 3 E.

The township of Caledonia at large and the following described lands in said township:

Section No. 1—Nw 3 a of n 107 a of nw frl ¼.

Section No. 2—N 40 a of n 103.90 a of ne frl ¼; nw 8 a of s 63.90 a of n ½ of ne frl ¼; n 32 a of e 64 a of n ½ of nw frl ¼; ne 10 a of w 40 a of n ½ of nw frl ¼.

All in T 7 N R 3 E.

Now therefore, all unknown or non-resident persons, owners of and persons interested in the above described lands and you, Marvin Ransom supervisor, and Chas. Colwell highway commissioner of the township of Hazelton; and you Chas. Vautherot, and you Warren Doane supervisor, and John Morden highway commissioner of the township of New Haven, and you James Hopson Sr., Elisha Peterquin, Susan C. Muat, John Butcher Jr., Wm. Smith Mrs. C. Christian, Paul Totems, Lewis Totems, Fred Rigolet, Henry Taphouse, Peter Lecureux heirs, Mike Hart, John Hart estate, Peter Hart, Mrs. Edd. Lecureux, Chas. Brodsick, Louise Carlin estate or Arthur Small, and you Charles Taphouse supervisor, and L. G. Cudney highway commissioner of the township of Caledonia, and you Henry Goll, Abel Totems, Chas. Bosserdet, Paul Totems, R. U. Seward are hereby notified that at the time and place aforesaid, or at such other time and place thereafter to which said hearing may be adjourned, I shall proceed to receive bids for the construction of said drain in the manner hereinbefore stated, and also that at such time of letting, from nine o'clock in the forenoon to five o'clock in the afternoon, the assessments for benefits to the lands comprised within the "Totems Drain Special Assessment District" will be subject to review, and you, and each of you, owners of and persons interested in the aforesaid lands, are hereby cited to appear at the time and place of said letting as aforesaid, and be heard with respect to such special assessments and your interests in relation thereto, if you so desire.

Dated this 25th day of Oct. A. D. 1915.

ALONZO GRIFFIN,
County Drain Commissioner of the County of Shiawassee.

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