

TO LOOSE BUG ARMY AGAINST CORN BORER

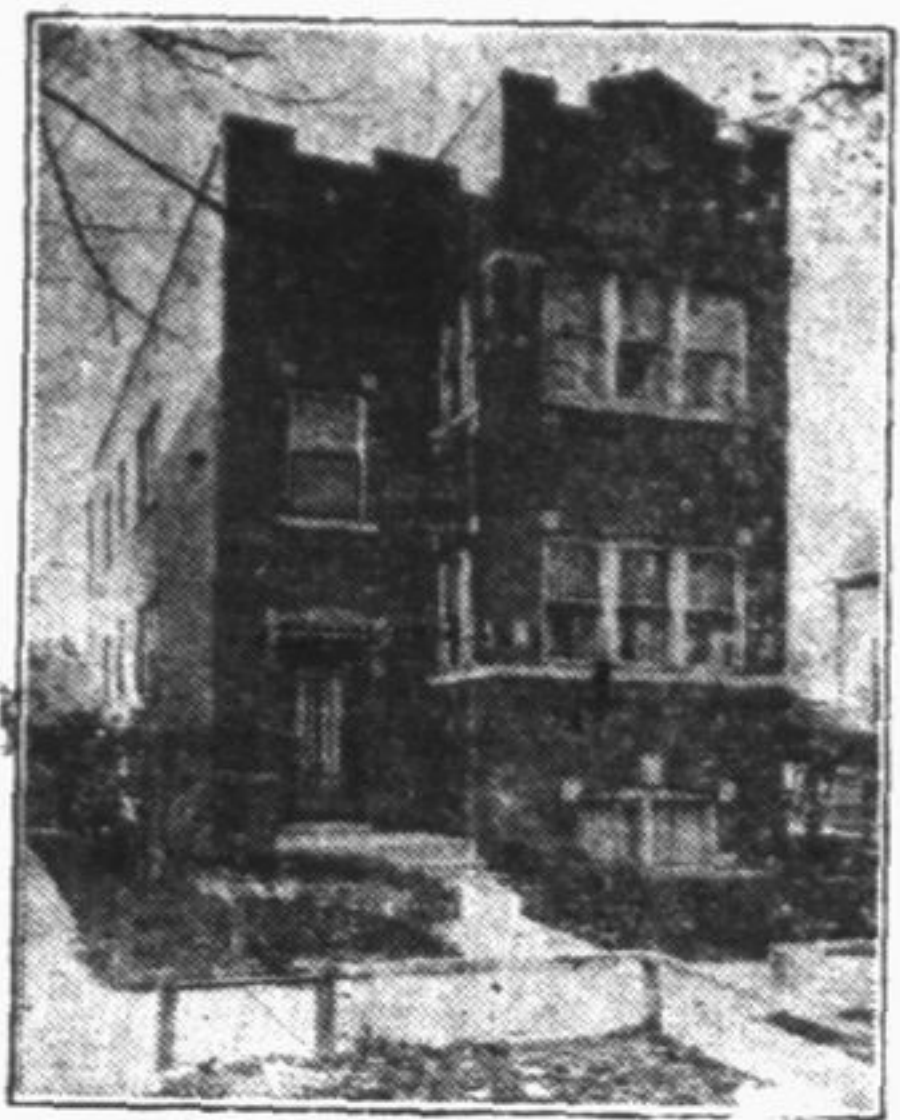
Scientists Plan to Sick Parasites Upon European Plague of Farms

An aerial force numbering untold millions of bugs that look like small, fighting biplanes will be loosed upon America within the next few years and will fight under the banner

of the American farmer to make the world safe for field corn. Recruits for this vast army of insect air fighters, all of which are Europeans, are now being received by Dr. L. O. Howard, chief of the Bureau of Entomology and are being trained and multiplied at the government laboratory in Arlington, Mass., under a government appropriation of \$10,000,000.

cept of "bug eat bug" in fighting the corn borer by developing a European type of parasite which preys upon the enemy of America's greatest crop. The European corn borer, which was accidentally imported into America in 1909 to 1914 in broomstraw, came in practically free of parasites and became far more dangerous here than abroad, where it was engaged in constant battle with hostile bugs. Now, however, the government officials have begun experiments with parasites brought from the Riviera region of France and Italy and from the original ten imported, thousands have been developed and within ten or fifteen years, officials estimate, they will have reached such numbers that they will be able to attack the borer in full force throughout the great corn growing areas.

One of the most spectacular types of these aerial myrmidons of the American farmer is a wasp-like insect which drives its stinger with uncanny accuracy through a stalk of corn to the tunnel where the borer is hidden and lays its eggs upon it. The larvae of the parasites live on the outside of the borer and eventually kill it.



RECKLESS DRIVING

Incongruous as it may seem, drivers of ambulances are particularly subject to speed dementia. It is getting so the most hazardous part of a patient's illness is his trip to the hospital in an ambulance.—American Magazine.

NOTICE OF AWARDING CONTRACT NOTICE is hereby given to all persons interested, that bids for the furnishing of all labor, tools and materials necessary for the construction of a reinforced concrete pavement improvement in Golf Court and a thirty-three (33) foot street running north and south being a street between the west line of the N. W. 1/4 of Section 26, Township 48 North, Range 12 East of the 3rd Principal Meridian, and lots 9, 10, 11 and 12, of Golf Court Sub-division, all in the City of Highland Park, County of Lake and State of Illinois, were opened on the 11th day of July, A. D. 1927, and the E. A. Meyer Construction Company, being the lowest responsible bidder, the contract was awarded to the said E. A. Meyer Construction Company on the 18th day of July, A. D. 1927.

Said bid for the work is as follows: Item No. 1 1600 cubic yards of excavation for the pavement and combined curb and gutter and parkways, including clearing, grubbing, preparing the subgrade and removal of all surplus excavated materials, at one dollar No cents (\$1.00) per cubic yard \$ 1,600.00 Item No. 2 1825 square yards of reinforced concrete pavement (the square yards measured between the edges of the combined curb and gutter nearest the center line of said pavement). The concrete shall be eight (8) inches thick, and the mix shall be 1:2:3; including curbing the curb two (2) pounds of steel reinforcement over each square yard of pavement, protecting and cleaning said pavement, and filling of cracks along the longitudinal joints with bituminous cement; laid complete at two dollars sixty-five cents (\$2.65) per

square yard 4,856.25 Item No. 3 1900 lineal feet of concrete combined curb and gutter. The concrete shall be 1:2:3 mix; the body portion shall be 1:2:3; the mix of the mortar for the exposed surface shall be 1:2:1; including all excavation, backfilling, and removal of all surplus excavated materials; laid complete at one dollar forty cents (\$1.40) per lineal foot 1,950.00 Item No. 4 10 catchbasin manholes constructed of concrete, either monolithic or concrete block, 12-1/2 feet, inside diameter four (4) feet, bottoms and walls eight (8) inches thick, and the bottom shall extend to the outside of the walls; the average depth of the concrete is seven and one-half (7-1/2) feet; each manhole shall be provided with a Highland Park pattern cast iron catchbasin cover, except No. 8 and No. 9, which shall be furnished with a cast iron manhole cover with perforated grating, including all excavation, backfilling around the catchbasin manholes with sand, except around No. 8 and No. 9, where the backfilling shall be earth, and removal of all excavated materials, constructed complete at ninety-five dollars no cents (\$95.00) each 950.00 Item No. 5 20 lineal feet of ten (10) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drains, laid with joints of mortar, of 1:2 mix; the average depth of the flow line is four and one-half (4-1/2) feet below the top of the pavement, where located, including connections to catchbasin manholes, all trenching, backfilling with sand from the bottom of the trench to the surface of the subgrade, and furnishing the sand; laid complete at two dollars fifty cents (\$2.50) per lineal foot 50.00 Item No. 6 10 lineal feet of twelve (12) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drains, laid with joints of mortar, of 1:2 mix; the average depth of the flow line is four (4) feet below the top of the pavement, where located, including connections to catchbasin manholes, all trenching, backfilling with sand from the bottom of the trench to the surface of the subgrade, and furnishing the sand; laid complete at two dollars fifty cents (\$2.50) per lineal foot 250.00 Item No. 7 105 lineal feet of six (6) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drain, laid with open joints at an average depth of three (3) feet below the top of the curb, including connections to catchbasin manholes, all trenching, backfilling with earth, and removal of all surplus excavated materials; the depth refers to the flow line; laid complete at no dollars eighty cents (\$0.80) per lineal foot 84.00 Item No. 8 120 lineal feet of ten (10) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drain, laid with open joints at an average depth of four and three-tenths (4-3/10) feet below the top of the curb, including connections to catchbasin manholes, all trenching, backfilling with earth, and removal of all surplus excavated materials; the depth refers to the flow line; laid complete at one dollar ten cents (\$1.10) per lineal foot 132.00 Item No. 9 120 lineal feet of twelve (12) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drains, laid with open joints at an average depth of four (4) feet below the top of the curb, including connections to catchbasin manholes, all trenching, backfilling with earth, and removal of all surplus excavated materials; the depth refers to the flow line; laid complete at one dollar ten cents (\$1.10) per lineal foot 132.00 Item No. 10 225 lineal feet of twelve (12) inch inside diameter vitrified, salt-glazed, hub and spigot tile pipe drains, laid with open joints at an average depth of four (4) feet below the top of the curb, including connections to catchbasin manholes, all trenching, backfilling with earth, and removal of all surplus excavated materials; the depth refers to the flow line; laid complete at one dollar ten cents (\$1.10) per lineal foot 247.50 Item No. 11 connection to existing catchbasin, consisting of breaking a hole in the wall, inserting the twelve (12) inch pipe, and cementing the same in place, and removal of existing tile pipe, and filling the hole with the same materials as said catchbasin is constructed of; the mortar to be used shall be 1:2 mix; complete at five dollars no cents (\$5.00) 5.00 Item No. 12 400 square feet of concrete sidewalk approaches, laid on a layer of rinders six (6) inches thick; the concrete of the body portion shall be 1:2:3 mix; the mortar for the exposed surface shall be 1:2 mix; the total thickness is four and one-half (4-1/2) inches thick; the width is five (5) feet; including all excavation, furnishing the cinders, and removal of all excavated materials; laid complete at no dollars thirty cents (\$0.30) per square foot 120.00 Item No. 13 75 lineal feet of concrete curb in McDaniels Avenue, to be removed at the rate of ten cents (\$0.10) per lineal foot 7.50 Item No. 14 1900 square yards of parkways to be graded and backfilled with all rubbish removed to one (1) foot below the finished grade of said parkways; complete at no dollars ten cents (\$0.10) per square yard 190.00 TOTAL AMOUNT OF BID \$11,784.75 The owners of a majority of the frontage of the lots and land upon said streets, wherein said work is to be done, may, within ten days of the date hereof, elect to take said work and enter into a written contract, to do said work at ten per centum less than the price at which the same has been awarded. BENJAMIN F. LEWIS, W. J. BROWN, LYLE GOURLEY, Board of Local Improvements of the City of Highland Park, Ill. Dated at Highland Park, Ill. July 21, 1927. 21

Item No. 15 100 lineal feet of eight (8) inch asphalt coated, bell and spigot, cast iron water pipe, weighing thirty-seven and five-tenths (37-5/10) pounds per lineal foot; the pipes shall be laid two hundred (200) feet on each side from the center line of Skokie Ditch, in West Park Ave., with joints of lead and jute; the top of the pipe shall be laid five (5) feet six (6) inches below the surface of the ground where located, except where said water pipe crosses said Skokie Ditch, where the top of said water pipe, for a distance of thirty (30) feet on each side of the center line of said Skokie Ditch, shall be laid four (4) feet below the bottom of said Skokie Ditch, including all trenching, shoring, bracing, pumping, testing, backfilling with sand from the bottom of the trench to the surface of the subgrade, and furnishing the sand; laid complete at four dollars fifty cents (\$4.50) per lineal foot 450.00 Item No. 16 225 lineal feet of eight (8) inch asphalt coated, bell and spigot, cast iron pipe, weighing thirty-seven and five-tenths (37-5/10) pounds per lineal foot, with joints of lead and jute; the top of the pipe shall be laid five (5) feet six (6) inches below the surface of the ground where located, including all trenching, shoring, bracing, pumping, testing, backfilling with earth, and removal of all surplus excavated materials; laid complete at four dollars fifty cents (\$4.50) per lineal foot 1,012.50 Item No. 17 100 lineal feet of eight (8) inch asphalt coated, bell and spigot, cast iron pipe, weighing thirty-seven and five-tenths (37-5/10) pounds per lineal foot, with joints of lead and jute; the top of the pipe shall be laid five (5) feet six (6) inches below the surface of the ground where located, including all trenching, shoring, bracing, pumping, testing, backfilling with earth, and removal of all surplus excavated materials; laid complete at four dollars fifty cents (\$4.50) per lineal foot 450.00 Item No. 18 32 six (6) inch cast iron body, bronze mounted, bronze stemmed, double gate water valves, for one hundred (100) pounds working pressure, having joints called with lead and jute, tested and set in place, complete at thirty-seven dollars fifty cents (\$37.50) each 1,200.00 Item No. 19 32 eight (8) inch cast iron body, bronze mounted, bronze stemmed, double gate water valves, for one hundred (100) pounds working pressure, having joints called with lead and jute, tested and set in place, complete at fifty dollars no cents (\$50.00) each 1,600.00 Item No. 20 37 valve vaults, four (4) feet inside diameter, walls eight (8) inches thick, bottoms six (6) inches thick, constructed of concrete, either monolithic or concrete block, 1:2:1 mix; each valve vault shall be furnished with a cast iron cover, consisting of a frame weighing three hundred ninety (390) pounds; lid shall be set flush with the ground where located; the bottom of said vaults shall be six (6) inches below the bottom of the water pipe; including all excavation, shoring, bracing, pumping, backfilling and removal of all surplus excavated materials, and a four (4) inch tile pipe outlet drain, constructed complete at ninety dollars no cents (\$90.00) each 3,330.00 Item No. 21 28 cast iron body, bronze mounted fire hydrant, including all excavation, backfilling, calking with lead and jute, testing, and one-quarter (1/4) of a cubic yard of gravel around each hydrant drip, and removal of all surplus excavated materials, set complete in place at one hundred sixty dollars no cents (\$160.00) each 4,480.00 Item No. 22 14,100 pounds of asphaltic coated cast iron pipe fittings, complete in place at seven cents (.07) per pound 987.00 Item No. 23 connection to existing water main in Beverly Place, consisting of cutting said water main, inserting tee, calking with lead and jute, including all excavation, shoring, bracing, pumping, testing, backfilling, and removal of all surplus excavated materials, complete at one hundred twenty dollars no cents (\$120.00) each 360.00 Item No. 24 connection to existing water main in West Park Ave., consisting of all necessary excavation, removal of plugs, making joint of lead and jute, and backfilling and removal of all excavated materials, complete at twenty-five dollars no cents (\$25.00) each 175.00 TOTAL AMOUNT OF BID \$44,490.25 The owners of a majority of the lots and land upon said streets, wherein said work is to be done, may, within ten days of the date hereof, elect to take said work and enter into a written contract, to do said work at ten per centum less than the price at which the same has been awarded. BENJAMIN F. LEWIS, W. J. BROWN, LYLE GOURLEY, Board of Local Improvements of the City of Highland Park, Ill. Dated at Highland Park, Ill. July 21, 1927. 21

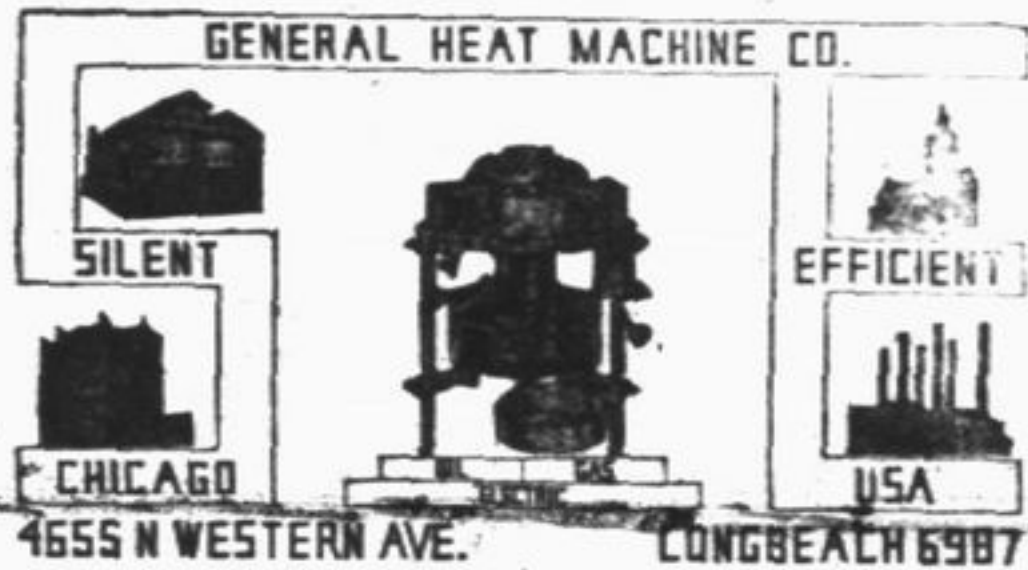
Item No. 25 5420 pounds of asphaltic coated cast iron fittings, complete in place at no dollars eight cents (.08) per pound 433.60 Item No. 26 1 eight (8) inch cast iron body, bronze mounted, bronze stemmed double gate water valve, for one hundred fifty (150) pounds working pressure, having joints called with lead and jute, tested and set in place; including connections to the eight (8) inch water main in County Line Road, complete at fifty-five dollars no cents (\$55.00) 55.00 Item No. 27 8 six (6) inch cast iron body, bronze mounted, bronze stemmed, double gate water valves, for one hundred fifty (150) pounds working pressure, having joints called with lead and jute, tested and set in place, complete at forty dollars no cents (\$40.00) each 320.00 Item No. 28 9 valve vaults, inside diameter four (4) feet, with side walls eight (8) inches thick, and bottoms six (6) inches thick, constructed of monolithic concrete or concrete blocks. The concrete shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and four (4) parts gravel or crushed stone, mixed with sufficient water to make a quaking mass; each vault shall be finished with an asphaltic coated cast iron cover, consisting of a frame weighing three hundred ninety (390) pounds; lid shall be set flush with the ground, where located; the top of the bottom shall be six (6) inches below the bottom of the water pipe; including all excavation, backfilling, and removal of all surplus excavated materials, and a four (4) inch tile pipe outlet drain, constructed complete at ninety dollars no cents (\$90.00) each 810.00 Item No. 29 2 cast iron body, bronze mounted fire hydrants, including all excavation, backfilling, calking with lead and jute, testing, and one-quarter (1/4) of a cubic yard of gravel around each hydrant drip, and removal of all surplus excavated materials, set complete in place at one hundred sixty dollars no cents (\$160.00) each 320.00 Item No. 30 2 connections to eight (8) inch water main in County Line Road, consisting of necessary excavation, removal of plugs, backfilling, complete at twenty-five dollars no cents (\$25.00) each 50.00 TOTAL AMOUNT OF BID \$11,201.60 The owners of a majority of the frontage of the lots and land upon said streets, wherein said work is to be done, may, within ten days of the date hereof, elect to take said work and enter into a written contract, to do said work at ten per centum less than the price at which the same has been awarded. BENJAMIN F. LEWIS, W. J. BROWN, LYLE GOURLEY, Board of Local Improvements of the City of Highland Park, Ill. Dated at Highland Park, Ill. July 21, 1927. 21

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NOTICE Notice is hereby given that bids will be received by the Council of the City of Highland Park for One Motor Grader of approximately the following General Specifications: Size of Blade—10 ft. long, 14 inches high. Total Weight—2 tons. Front Scraper of approximately 1000 lb. weight. Rubber Tyres, all round. Lining front wheel. Capable of speed of 8 miles per hour in high gear. Extra heavy blade. Capable of one-man operation. Said bids will be received by the Council, at the City Hall, Highland Park, Illinois until 5:00 o'clock, p. m. on the 18th day of August, 1927, at which time and place they will be publicly opened and read. The Council reserves the right to reject any or all bids if they deem it for the public good. W. C. MUSKER, City Clerk By Order of the Council of the City of Highland Park.