

NOTICE OF AWARDED CONTRACT

Notice is hereby given to all persons interested, that bids for the furnishing of all labor, tools and materials, necessary for the local improvement of the roadway in Ravinia Court by paving with reinforced concrete and otherwise improving, were opened on the 19th day of June, A. D. 1925, and the Western Improvement Company, being the lowest responsible bidder, the contract was awarded to the said Western Improvement Company on the 26th day of June, A. D. 1925.

Said bid for the work is as follows: 1,350 cubic yards of excavation for the roadway of the pavement and integral curbs, and of the parkways, including grading, preparing the subgrade to receive the concrete pavement, and the removal of all surplus excavated materials, measured in the cut, at Seventy-five Cents (\$.75) per cubic yard. \$ 1,012.50 1,990 square yards of Portland cement concrete pavement with integral curbs, measured from back to back of integral curbs, eight (8) inches thick. The concrete for the pavement shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and three and one-half (3 1/2) parts gravel or crushed stone, mixed with sufficient water to make a quaking mass. The width of the curb, three (3) inches below the top of the curb, shall be six (6) inches; the height of the curb above the surface of the pavement shall be five (5) inches; the exposed edges shall be rounded. The concrete for the curb shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and three and one-half (3 1/2) parts gravel or crushed stone, except that the exposed portion of said curb to a depth of one-half (1/2) inch shall be composed by volume of one (1) part Portland cement and two (2) parts sand; both mortar and concrete shall be mixed with sufficient water to make a quaking mass. There shall be constructed three-eighths (3/8) inch open joints through the full width of the curbs, extending from the top of the curb to the bottom of the pavement, spaced thirty (30) feet apart, and continuous with the joints in the pavement. The pavement shall be reinforced with forty (40) pounds of effective steel wire fabric to each one hundred (100) square feet of pavement; three-eighths (3/8) inch asphaltic felt transverse expansion joints shall be constructed and spaced thirty (30) feet apart, extending from top to bottom of the pavement, (said felt shall extend from the bottom of the pavement to one-half (1/2) inch above the top of said pavement). Each transverse expansion joint shall be provided with three-quarter (3/4) inch round, smooth steel bars, two (2) feet in length, spaced two (2) feet apart, center to center; one (1) end of said steel bars shall extend sixteen (16) inches into the concrete on one side of the joint, and the remaining portion into the concrete on the other side of the joint, the latter shorter portion of the steel bars shall be dipped in hot asphalt so as to form a coating of said asphalt one-sixteenth (1/16) inch thick around said bars, and three-eighths (3/8) inch thick on the end of said bar. A longitudinal, trapezoidal shaped joint shall be constructed along the center line from end to end of the pavement; said joint shall be made by the installation of a trapezoidal eighteen (18) gauge metal plate and provided with one-half (1/2) inch round deformed steel bars four (4) feet long, spaced five (5) feet apart, center to center, and placed four and one-quarter (4 1/4) inches below the surface of the pavement; said bars shall extend two (2) feet into the concrete on each side of said longitudinal joint, including curing by use of two (2) parts calcium chloride per square yard, protecting and cleaning said proposed pavement, complete in place at Two Dollars Ninety Cents (\$.29) per square yard. 5,771.00 5 new catchbasins constructed of concrete (either blocks or monolithic), 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; inside diameter four (4) feet, side walls and bottoms eight (8) inches thick, average depth of concrete overall six and one-half (6 1/2) feet; each catchbasin shall be provided with a five hundred (500) pound asphaltic coated cast iron catchbasin cover, including all excavation, backfilling around the catchbasin with sand, and removal of all surplus excavated materials, and covers set to grade, complete in place at Ninety Dollars (\$90.00) each. 450.00 7 new combined manhole-catchbasins constructed of concrete (either blocks or monolithic), 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; inside diameter four (4) feet, side walls and bottoms eight (8) inches thick, average depth below the top of the curb eight (8) feet. Each combined manhole-catchbasin shall be furnished with a five hundred forty (540) pound asphaltic coated cast iron catchbasin cover, including all excavation, backfilling around the manhole-catchbasin with sand, and removal of all surplus excavated materials, and covers set to grade, complete in place at One Hundred Dollars (\$100.00) each. 700.00 1 new manhole constructed of concrete (either blocks or monolithic), 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; inside diameter three (3) feet, side walls and bottom eight (8) inches thick. The manhole shall be furnished with a four hundred eighty (480) pound asphaltic coated cast iron manhole cover, set to the finished grade of the ground where located, and three-quarter (3/4) inch round, wrought iron ladder rounds, spaced sixteen (16) inches apart, from top to bottom; depth of concrete overall six (6) feet; including all excavation, backfilling around the manhole with earth, and removal of all surplus excavated materials, complete in place at Seventy-five Dollars (\$75.00). 75.00 The following tile pipe drains shall be constructed of vitrified, salt-glazed, hub and spigot tile pipe, inside diameter as indicated by the size stated below, including connections to catchbasins and manhole-catchbasins, all trenching, backfilling the trench with sand from the bottom of the trench to the under surface of the pavement; joints of mortar composed by volume of one (1) part Portland cement and two (2) parts sand, mixed with sufficient water to make a quaking mass; and removal of all surplus excavated material. The depth of the drains refers to the flow line of said drains. 87 lineal feet of eight (8) inch tile pipe drain laid at an average depth of five (5) feet below the top of the pavement, complete in place at One Dollar Fifty Cents (\$.15) per lineal foot. 130.50 70 lineal feet of ten (10) inch tile pipe drain, laid at an average depth of five (5) feet below the top of the pavement, complete in place at One Dollar Sixty Cents (\$.16) per lineal foot. 112.00 The following tile pipe drains shall be constructed of vitrified, salt-glazed, hub and spigot tile sewer pipe, laid with open joints, inside diameter as indicated by the size stated below, including connections to catchbasins and manhole-catchbasins, all trenching, backfilling the trench with earth, and removal of all surplus excavated materials. The depth of the drains refers to the flow line of said drains. 735 lineal feet of six (6) inch tile pipe drain, laid at an average depth of four (4) feet below the top of the curb, complete in place at Seventy-five Cents (\$.75) per lineal foot. 551.25 401 lineal feet of eight (8) inch tile pipe drain laid at an average depth of six (6) feet below the top of the curb, complete in place at Ninety Cents (\$.90) per lineal foot. 360.90 265 lineal feet of ten (10) inch tile pipe drain, laid at an average depth of five (5) feet below the top of the curb, complete in place at One Dollar Ten Cents (\$1.10) per lineal foot. 291.50 40 lineal feet of ten (10) inch tile pipe drain outlet, laid at an average depth of five (5) feet below the present ground, complete in place at One Dollar Thirty Cents (\$.13) per lineal foot. 52.00 60 lineal feet of eight (8) inch inside diameter bell and spigot cast iron pipe outlet drain, laid at an average depth of five (5) feet, with lead and oakum joints; each pipe of twelve (12) foot length weighing five hundred, fifteen (515) pounds per length; including all trenching, backfilling the trench with earth, and removal of all surplus excavated materials, complete in place at Three Dollars (\$3.00) per lineal foot. 180.00 2 cubic yards of concrete for one (1) headwall to be constructed in the ravine in lot 13, Ravinia Court; said headwall shall be six (6) feet long, height six (6) feet, top one (1) foot, bottom two (2) feet. The body portion shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and four (4) parts gravel or crushed stone; the exposed portion after backfilling, to a depth of one (1) inch, shall be composed by volume of one (1) part Portland cement and two (2) parts sand; both mortar and concrete shall be mixed with sufficient water to make a quaking mass. The bottom of the wall shall be three (3) feet below the flow line of the outlet pipe, where located; including all excavation, backfilling, and removal of all surplus excavated materials, constructed complete in place at Thirty Dollars (\$30.00) per cubic yard. 60.00 750 square feet of new concrete sidewalk approaches, laid on a layer of cinders six (6) inches thick; the width of the sidewalk approaches shall be five (5) feet, except at the present sidewalks where they shall be so widened as to meet the

present walks at right angles. The body concrete shall be four (4) inches thick, composed by volume of one (1) part Portland cement, two (2) parts sand, and five (5) parts gravel or crushed stone; the exposed portion to a depth of one-half (1/2) inch shall be composed by volume of two (2) parts Portland cement and three (3) parts sand; both mortar and concrete shall be mixed with sufficient water to make a quaking mass; including all excavation, grading, furnishing and placing the cinders, and removal of all surplus excavated materials, constructed complete in place at Twenty-five Cents (25c) per square foot. 187.50 5 manhole and valve vault covers to be adjusted to grade where located. Five Dollars (\$5.00) each. 25.00 Protection of all joints on the improvement, with bituminous cement, including the first application of said cement to the longitudinal joint and maintaining said cement on all joints, including contraction cracks, for the two (2) year maintenance period as provided for in the specifications for this improvement, at One Hundred Dollars (\$100.00). 100.00 TOTAL OF BID \$10,059.15 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. SAMUEL M. HASTINGS, FRANK L. CHENEY, JOSEPH B. CARD, LYLE GOURLEY, Board of Local Improvements of the City of Highland Park, Illinois. Dated at Highland Park, Illinois, this 2nd day of July, A. D. 1925. 18 NOTICE OF AWARDED CONTRACT Notice is hereby given to all persons interested, that bids for the furnishing of all labor, tools and materials, necessary for the local improvement of the roadway in Lakeside Place, Dell Place, Lakeside Manor Road and Lakeview Terrace, by paving with reinforced concrete and otherwise improving, were opened on the 19th day of June, A. D. 1925, and the Western Improvement Company, being the lowest responsible bidder, the contract was awarded to the said Western Improvement Company, on the 26th day of June, A. D. 1925. Said bid for the work is as follows: 3,560 cubic yards of excavation for roadway and integral curbs, and for the parkways, including clearing, grubbing of trees six (6) inches in diameter or less, within the lines of the pavement and two (2) feet outside of said lines, grading, preparing the subgrade to receive the concrete pavement and integral curbs, and the removal of all surplus excavated materials, measured in the cut, at Sixty-five Cents (\$.65) per cubic yard. 2,314.00 6,600 square yards of concrete pavement with integral curbs, measured from back to back of curbs, eight (8) inches thick. The concrete for the pavement shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and three and one-half (3 1/2) parts gravel or crushed stone, mixed with sufficient water to make a quaking mass. The width of the curb three (3) inches below the top of said curb, shall be six (6) inches; the height of the curb above the gutter line shall be six (6) inches; the exposed edges shall be rounded. The concrete for the curb shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and three and one-half (3 1/2) parts gravel or crushed stone, except that the exposed portion of said curb to a depth of one-half (1/2) inch shall be composed by volume of one (1) part Portland cement and two (2) parts sand. Both mortar and concrete shall be mixed with sufficient water. There shall be constructed three-eighths (3/8) inch open joints through the full width of the curb, extending from the top of the curb to the bottom of the pavement, spaced thirty (30) feet apart, and continuous with the joints in the pavement. The pavement shall be reinforced with forty (40) pounds of effective steel wire fabric to each one hundred (100) square feet of pavement. Three-eighths (3/8) inch asphaltic felt transverse expansion joints shall be constructed and spaced thirty (30) feet apart, extending from top to bottom of the pavement. Each transverse expansion joint shall be provided with three-quarter (3/4) inch round, smooth steel bars, two (2) feet in length, spaced two (2) feet apart, center to center; one end of said steel bars shall extend sixteen (16) inches into the concrete on one side of the joint, and the other end of the steel bars shall be painted with asphaltic paint, and extend into the concrete on the other side of the joints, and at the end provided with a cylinder shaped piece of asphalt two (2) inches long and one (1) inch in diameter. A longitudinal, trapezoidal shaped joint shall be constructed along the center line from end to end of the pavement; said joint shall be made by the installation of a trapezoidal eighteen (18) gauge metal plate; and provided with one-half (1/2) inch round deformed steel bars, four (4) feet long, spaced five (5) feet apart, center to center, and placed four (4) inches below the surface of the pavement; said bars shall extend two (2) feet into the concrete on each side of said longitudinal joint; including curing, protecting, and cleaning, laid complete at Two Dollars Eighty-five Cents (\$2.85) per square yard. 18,810.00 11 new catchbasins constructed of concrete (either blocks or monolithic), 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; inside diameter four (4) feet, side walls and bottom eight (8) inches, average depth of concrete overall eight (8) feet. Each catchbasin shall be provided with a five hundred forty (540) pound asphaltic coated cast iron catchbasin cover, including all excavation, backfilling around the catchbasins with sand, and removal of all surplus excavated materials, and covers set to grade, at Ninety Dollars (\$90.00) each. 990.00 21 new manhole-catchbasins constructed of concrete (either blocks or monolithic), 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; inside diameter four (4) feet, side walls and bottom eight (8) inches thick, average depth of concrete below top of curb ten (10) feet. Each catchbasin-manhole shall be furnished with a five hundred forty (540) pound asphaltic coated cast iron catchbasin cover, including all excavation, backfilling around the catchbasin-manholes with sand, and removal of all surplus excavated materials, and covers set to grade, at One Hundred Dollars (\$100.00) each. 2,100.00 1 new manhole constructed of concrete (either blocks or monolithic), 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; inside diameter three (3) feet, side walls and bottom eight (8) inches thick. The manhole shall be furnished with a four hundred eighty (480) pound asphaltic coated cast iron manhole cover, and three-quarter (3/4) inch round wrought iron ladder rounds, spaced sixteen (16) inches apart, from top to bottom, depth of the concrete five and one-half (5 1/2) feet; including all excavation, backfilling around the manhole with sand, and removal of all surplus excavated materials, constructed complete at Seventy Dollars (\$70.00). 70.00 The following drain pipes shall be vitrified, salt-glazed, hub and spigot tile pipe drains, inside diameter as indicated by the size stated below; including junctions and connections for catchbasins and catchbasin-manholes, all trenching, backfilling the trench with sand from the bottom of the trench to the surface of the subgrade; joints of Portland cement mortar composed by volume of one (1) part Portland cement and two (2) parts sand, mixed with sufficient water to make a quaking mass; and removal of all surplus excavated materials. The depth of the pipes refers to the flow line of said pipes. 140 lineal feet of eight (8) inch tile pipe drain, laid at an average depth below the top of the pavement of six and one-half (6 1/2) feet, complete in place at One Dollar Fifty Cents (\$.15) per lineal foot. 210.00 101 lineal feet of ten (10) inch tile pipe drain, laid at an average depth of six and one-half (6 1/2) feet below the top of the pavement, complete in place at One Dollar Seventy Cents (\$.17) per lineal foot. 171.70 60 lineal feet of twelve (12) inch tile pipe drain, laid at an average depth of six (6) feet below the top of the pavement, complete in place at One Dollar Eighty Cents (\$.18) per lineal foot. 108.00 The following drain pipes shall be vitrified, salt-glazed, hub and spigot tile pipe drain, inside diameter as indicated by the size stated below, including junctions and connections for catchbasins, and catchbasin-manholes, laid with open joints including all trenching, backfilling the trench with earth, and removal of all surplus excavated materials. The depth of the pipe refers to the flow line of said pipe. 775 lineal feet of six (6) inch tile pipe drain, laid at an average depth of four (4) feet below the top of the curb, complete in place at Seventy-five Cents (\$.75) per lineal foot. 581.25

235 lineal feet of eight (8) inch tile pipe drain, laid at an average depth of four (4) feet below the top of the curb, complete in place at Ninety Cents (\$.90) per lineal foot. 211.50 1,909 lineal feet of eight (8) inch tile pipe drain, laid at an average depth of six (6) feet below the top of the curb, complete in place at One Dollar (\$1.00) per lineal foot. 1,909.00 1,265 lineal feet of ten (10) inch tile pipe drain, laid at an average depth of seven (7) feet below the top of the curb, complete in place at One Dollar Thirty Cents (\$.13) per lineal foot. 1,644.50 685 lineal feet of twelve (12) inch tile pipe drain, laid at an average depth of seven (7) feet below the top of the curb, complete in place at One Dollar Fifty Cents (\$.15) per lineal foot. 1,027.50 230 lineal feet of twelve (12) inch outlet tile pipe drain, laid at an average depth of seven (7) feet below the surface of the ground, complete in place at One Dollar Seventy-five Cents (\$.175) per lineal foot. 402.50 70 lineal feet of eight (8) inch inside diameter, bell and spigot cast iron pipe, laid at an average depth of five (5) feet, with lead and oakum joints; each pipe of twelve (12) foot length weighing five hundred and fifteen (515) pounds per length; including all trenching, backfilling the trench with earth, and removal of all surplus excavated material, complete in place at Three Dollars (\$3.00) per lineal foot. 210.00 The following headwalls shall be constructed of Portland cement concrete, dimensions as stated below; the body portion shall be composed by volume of one (1) part Portland cement, two (2) parts sand, and four (4) parts gravel or crushed stone; the exposed surface to a depth of one (1) inch shall be composed by volume of one (1) part Portland cement and two (2) parts sand. Both concrete and mortar shall be mixed with sufficient water to make a quaking mass. The bottom of the wall shall be three (3) feet below the flow line of the outlet pipe where located; including all excavating, backfilling, and removal of all surplus excavated material. 1.67 cubic yards concrete in 1 headwall five (5) feet long, six (6) feet high, top twelve (12) inches thick, bottom two (2) feet thick, with opening for an eight (8) inch internal diameter outlet cast iron pipe, constructed in ravine north of lot 19, Lakeside Manor, constructed complete at Thirty Dollars (\$30.00) per cubic yard. 50.10 2 cubic yards concrete in 1 headwall six (6) feet long, six (6) feet high, top twelve (12) inches thick, bottom two (2) feet thick, with opening for a twelve (12) inch internal diameter outlet tile pipe drain, constructed in ravine, lot 4, Lakeview Terrace, constructed complete at Thirty Dollars (\$30.00) per cubic yard. 60.00 2,500 square feet of new concrete sidewalk approaches laid on a layer of cinders six (6) inches thick; the width of the sidewalk approaches shall be five (5) feet, except at the present sidewalks where they shall be so widened as to meet the present sidewalks at right angles. The body concrete shall be four (4) inches thick, composed by volume of one (1) part Portland cement, two (2) parts sand, and five (5) parts gravel or crushed stone; the exposed portion to a depth of one-half (1/2) inch shall be composed by volume of two (2) parts Portland cement and three (3) parts sand; all concrete and mortar to be mixed with sufficient water to make a quaking mass; including all excavation, grading, furnishing and laying the cinders, and removal of all excavated materials, constructed complete at Twenty-five Cents (25c) per square foot. 625.00 130 trees, more than six (6) inches diameter, to be cut down, stumps grubbed out to a depth of one (1) foot below the subgrade, holes in the roadway to be filled with sand or other suitable material, thoroughly tamped in place, including removal of all wood of the trees and stumps from the site of the improvement, at Two Dollars (\$2.00) each. 260.00 23 manhole and valve vault covers to be adjusted to grade where located, at Five Dollars (\$5.00) each. 115.00 5,100 square yards of parkways leveled, smoothed, rolled, lumps of earth broken up, and raked with a garden rake, including the removal of all rubbish of every description from the site of the improvement, complete at Five Cents (.05c) per square yard. 255.00 1 connection to present catchbasin-manhole, including all excavation, backfilling with sand, and removal of all surplus excavated materials, at Five Dollars (\$5.00). 5.00 Protection of all joints on the improvement, with bituminous cement, including the first application of said cement to the longitudinal joint and maintaining said cement on all joints, including contraction cracks, for the two (2) year maintenance period, at Three Hundred Dollars (\$300.00). 300.00 TOTAL OF BID \$32,480.05

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.

SAMUEL M. HASTINGS, FRANK L. CHENEY, JOSEPH B. CARD, LYLE GOURLEY, Board of Local Improvements of the City of Highland Park, Illinois. Dated at Highland Park, Illinois, this 2nd day of July, A. D. 1925. 18

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