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LEGAL NOTICE
NOTICE OF AWARDED CONTRACT
Notice is hereby given to all persons interested that bids for the furnishing of labor, tools, and materials necessary for the construction of a concrete curb and gutter, catch basins, catch basins manholes and catch basins manholes in Central Avenue from Green Bay Road, all in the City of Highland Park, Illinois, were opened on the 29th day of July, A. D. 1936, at the Highway Construction Company, all labor, equipment, tools, and materials necessary for the said Highway Construction Company, on the 23rd day of July, A. D. 1936.

Said bid for the work is as follows:
Item No. 1 2000 cubic yards of excavation for the reinforced concrete pavement, including curb and gutter and parking, including removal and disposal of all earth, including all backfilling and placing of all borrow which may be required, including all removal of all existing pavement (including base course and surface) and replacement with concrete curb and gutter, sidewalks, and driveways, and disposal of all top, stumps, brush, vegetation, rubbish, and other objectionable matter, and all labor, equipment, tools and incidentals necessary to complete, at Ninety Cents (\$0.90) a cubic yard. 1,500.00

Item No. 2 2000 barrels of Portland cement which shall conform to the requirements of the Specification for Portland Cement, A.S.T.M. Designation C-307, for the composition of concrete for the pavement and the combined curb and gutter, including all transportation and handling charges, all storage, responsibility for the concrete, including empty sacks, for all unloading and protection from the elements, damage, or other destructive agencies, loading on the batch, including all labor, equipment, tools, and incidentals necessary to incorporate in the concrete mix, complete at Two Dollars and Sixteen Cents (\$2.16) a barrel. 4,224.00

Item No. 3 9100 square yards of reinforced concrete pavement 8 inches thick, except that three feet from the edges of the pavement and three feet both ways from the center line of said pavement, the thickness shall increase uniformly toward the said edges and said center line so that one foot from said edges and one foot both ways from said center line the thickness shall be ten inches and said thickness of ten inches shall extend to the said edges and center line, said thickened edge of the proposed concrete pavement at all street and alley returns, where said pavement connects with existing pavement, the concrete shall be composed of Portland cement, sand, gravel, and water, mixed in such proportions as to produce a workable, plastic, concrete, having a modulus of rupture of not less than 650 pounds a square inch and a modulus of rupture of not less than 450 pounds a square inch, at the age of fourteen days when tested by standard methods, including not less than 75 pounds of electric welded steel wire fabric to each one hundred square feet of pavement surface, bituminous expansion joints three-quarters of an inch thick, spaced not more than thirty feet apart, all dowel bars, tiebars, sockets, chairs, and pins, metal expansion strips, and oak headers, the furnishing of all setting specimens and the furnishing of all materials, except cement, for all curing, all labor, equipment, tools, and incidentals necessary to construct said pavement complete in place at One and 35/100 Dollars (\$1.705) a square yard. 17,745.00

Item No. 4 2394 lineal feet of plain Portland cement concrete curb and gutter, concrete to equal that for concrete pavement, including all necessary excavations, all forms, trimming and smoothing of the subgrade, all materials except cement hereinafter provided for, all bituminous felt expansion joints, dowel bars and sockets, curing, and all labor, equipment, tools, and incidentals necessary to construct said curb and gutter complete in place at Eighty-five Cents (\$0.85) a lineal foot. 2,037.50

Item No. 5 13 manholes of an average inside depth of 8 feet, the walls of which shall be of precast segmental, Portland cement concrete blocks 6 inches thick, bottom course, in two courses, the bottom course six inches thick and extending to the outside face of the walls and the top course of an average thickness of one-half the outside diameter of the pipe passing through the manhole, plus one and one-half inches and extending to the inside face of the said walls. Blocks laid with full joints of mortar composed by volume of one part Portland cement and two parts sand, mixed with sufficient water to make a plastic mass. Mortar joints of each manhole three and one-half feet, except the top two feet, which shall be uniformly reduced to a diameter of two feet at the top of the walls so as to fit the 400 pound Highland Park standard cast iron manhole top to be furnished as a part of each manhole. Each manhole furnished with cast iron steps, set in the wall, and spaced sixteen inches apart, centered from the top edge of said walls to the bottom of the space outside of the walls backfilled with screenings if in the paving area or within two feet of the back of the curb, otherwise backfilled with earth, including all materials necessary for backfilling, disposal of surplus materials, sheeting, pumping, and all labor, equipment, tools, and incidentals necessary to construct said manholes. The concrete for said bottoms shall be composed of Portland cement, sand, gravel and water mixed in the same proportions, in the same manner and conforming to the same tests as the concrete for the combined curb and gutter, complete in place at Ninety five Cents (\$0.95) each. 1,235.00

Item No. 6 4 catch basins, of an average inside depth of five feet, the walls of which shall be constructed of precast segmental Portland cement concrete blocks, five inches thick, bottom or floor shall be of concrete composed of Portland cement, sand, gravel and water mixed in the same proportions, in the same manner and conforming to the same tests as the concrete for the combined curb and gutter, complete in place at One and 35/100 Dollars (\$1.705) a lineal foot. 680.00

Item No. 7 3 manhole catchbasins, of an average inside depth of five feet, the walls of which shall be constructed of precast segmental Portland cement concrete blocks, five inches thick, bottom or floor shall be of concrete composed of Portland cement, sand, gravel and water mixed in the same proportions, in the same manner and conforming to the same tests as the concrete for the combined curb and gutter, complete in place at One and 35/100 Dollars (\$1.705) each. 510.00

Item No. 8 12 manholes of an average inside depth of two feet, the walls of which shall be constructed of precast, segmental Portland cement concrete blocks, five inches thick. Bottoms or floors shall be of concrete composed of Portland cement, sand, gravel and water mixed in the same proportions, in the same manner and conforming to the same tests as the concrete for the combined curb and gutter. The top surface of the bottom course shall be flush or level with the flow line or inside bottom of the storm sewer, connecting to said inlets. The space outside of the walls shall be backfilled with limestone screenings, including all excavation, backfilling and flushing, all materials, disposal of all surplus materials, sheeting and pumping, and all labor, equipment, tools, and incidentals necessary to construct said manholes complete in place, at Forty and No/100 Dollars (\$40.00) each. 480.00

Item No. 9 200 lineal feet of ten inch internal diameter storm sewer laid at an average depth of eight feet complete in place at One and 35/100 Dollars (\$1.705) a lineal foot. 341.00

Item No. 10 200 lineal feet of ten inch internal diameter storm sewer laid at an average depth of eight feet complete in place at One and 35/100 Dollars (\$1.705) a lineal foot. 341.00

Item No. 11 495 lineal feet of ten inch internal diameter storm sewer laid at an average depth of eight feet complete in place at One and 35/100 Dollars (\$1.705) a lineal foot. 843.75

Item No. 12 235 lineal feet of ten inch internal diameter storm sewer laid at an average depth of four feet

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blocks, five inches thick, bottom or floor shall be of concrete composed of Portland cement, sand, gravel and water mixed in the same proportions, in the same manner and conforming to the same tests as the concrete for the combined curb and gutter. Said bottoms shall be six inches thick and shall extend to the outside face of the walls. Blocks shall be laid with full joints of mortar, composed by volume of one part Portland cement and two parts sand, mixed with sufficient water to make a plastic mass. The internal diameter shall be three and one-half feet from the top of the walls, from which plane said diameter shall decrease uniformly to two feet at the top of said walls, so as to fit and support the 400 pound basin tops to be furnished as a part of said catch basins. The top surface of the bottom course shall be flush or level with the flow line or inside bottom of the storm sewer, connecting to said inlets. The space outside of the walls shall be backfilled with limestone screenings, including all excavation, backfilling and flushing, all materials, disposal of all surplus materials, sheeting and pumping, and all labor, equipment, tools, and incidentals necessary to construct said catch basins complete in place at Eighty-five Dollars (\$85.00) each. 650.00

Item No. 13 2 connections to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a fifteen inch by ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 25.00

Item No. 14 400 lineal feet of twenty-one (21) inch internal diameter storm sewer laid at an average depth of eleven feet complete in place at Four and 95/100 Dollars (\$4.95) a lineal foot. 4,720.00

Item No. 15 2 connections to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a fifteen inch by ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 25.00

Item No. 16 1 connection to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 10.00

Item No. 17 1 connection to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 10.00

Item No. 18 2 connections to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 20.00

Item No. 19 1 connection to the existing ten (10) inch vitrified tile pipe storm sewer by removing one or more lengths of the existing ten inch vitrified tile pipe and inserting a ten inch Y branch cemented in place with cement mortar composed by volume of one part Portland cement and two parts mortar sand mixed with sufficient water to make a plastic mass. To the ten inch hub of said Y branch the ten inch sewer from the catch basins shall be connected including all materials, all necessary excavation, backfilling with limestone screenings, all labor, equipment, tools, and incidentals necessary to make said connections, complete in place at Ten and No/100 Dollars (\$10.00) each. 10.00

Item No. 20 18 existing storm water manholes to be abandoned, including the old manhole top to be removed, and making the connection to the proposed storm sewer, including the necessary Y branches, all necessary pipe and fittings, including all excavation, backfilling with earth, flushing, and all materials, labor, equipment, tools, and incidentals necessary to make said connections complete in place at Ten and No/100 Dollars (\$10.00) each. 180.00

Item No. 21 350 square yards of macadam driveway replacement widening and adjustment at Hickory Street, McGovern Street, Green Bay Road, and at the Alley through Block 13 Highland Park. The thickness of said macadam shall be not less than eight inches, compacted including all necessary excavation, loosening the old macadam, regrading, all materials, labor, equipment, tools, and incidentals necessary to construct said

LEGAL NOTICE
macadam complete in place at Two and 25/100 Dollars (\$2.25) a square yard. 787.50

Item No. 22 1000 square feet of one course Portland cement concrete sidewalk approaches, five feet in width and four inches in thickness. The concrete shall be composed of Portland cement, sand and gravel and water in the same proportions as in the combined curb and gutter, said walls approaches shall be laid upon a base of sand or cinders, three inches thick when concrete is laid, and one and one-half inch bituminous felt expansion joint shall be used between the curb and the curb and the end of the proposed walls, including the removal of all existing walks where necessary, all excavation, furnishing and placing of all materials, preparation of the subgrade and the cinder base, all forms, labor, equipment, tools, and incidentals necessary to construct complete in place at Thirty Cents (\$0.30) a square yard. 300.00

Item No. 23 500 square yards of crushed stone driveway replacement widening and adjustment at Hickory Street, McGovern Street, Green Bay Road, and at the Alley through Block 13 Highland Park. The thickness of said crushed stone shall be not less than four inches, compacted including all necessary excavation, loosening the old macadam, regrading, all materials, labor, equipment, tools, and incidentals necessary to construct complete in place at One and 20/100 Dollars (\$1.20) a square yard. 600.00

Item No. 24 120 square yards of macadam driveway replacement constructed in the same manner and of the same thickness and adjustment including all necessary excavation, furnishing and placing of all materials, labor, equipment, tools, and incidentals necessary to construct complete in place at One and 20/100 Dollars (\$1.20) a square yard. 144.00

Item No. 25 68 square yards of non-reinforced one course concrete driveway replacement five inches thick. The concrete shall be composed of cement, sand, gravel and water in the same proportions as for the concrete combined curb and gutter, a one inch by five and one-half inch bituminous felt expansion joint shall be used between the curb and the curb and the end of the proposed walls, including the removal of all existing walks where necessary, all excavation, furnishing and placing of all materials, labor, equipment, tools, and incidentals necessary to construct complete in place at One and 40/100 Dollars (\$1.40) a square yard. 95.20

Item No. 26 18 existing catch basins abandoned, by removing the existing top and hauling the said tops to the city yard, tearing down the existing walls to six inches below subgrade, securely sealing the outlet pipes by cement mortar or approved materials, and filling basin with sand or screenings well tamped in place, including necessary excavation, all labor, equipment, tools, and incidentals necessary to abandon the catch basins complete at Ten and No/100 Dollars (\$10.00) each. 180.00

Item No. 27 16 existing sanitary sewer and storm sewer manholes and valve vaults adjusted to the proposed grade of the pavement or parkways including all excavation, materials, labor, equipment, tools, and incidentals necessary to complete at Ten and No/100 Dollars (\$10.00) each. 160.00

Item No. 28 9 new 40 pound Highland Park standard manhole tops to be furnished for certain adjustments manholes and valve vaults to replace lighter existing tops including furnishing of the manhole top, all freight and cartage costs, all handling and necessary incidental expenses, to place said cover on the ground ready to set on top of the manholes or valve vaults as part of adjustments complete at Sixteen and No/100 Dollars (\$16.00) each. 144.00

Item No. 29 2 valve vaults of an average inside depth of approximately six feet. The walls of each shall be constructed of precast segmental Portland cement concrete blocks five inches thick and shall extend to the outside surface of the said walls. The top surface of said bottom shall be six inches below the under surface of the said valve. The concrete for said bottoms shall be composed of Portland cement, sand, gravel and water mixed in the same proportions in the same manner and conforming to the same tests as the concrete for the combined curb and gutter. The internal diameter shall be four feet at the bottom and up to a plane two feet below the top of the walls from which plane the diameter shall decrease uniformly to the top of the walls, which diameter shall be two feet so as to fit the 400 pound Highland Park standard cast iron manhole top to be furnished as part of said vault. The concrete blocks shall be laid with full joints of mortar as hereinbefore specified including all excavation, backfilling with earth, all labor, equipment, tools, and incidentals necessary to construct said valve vaults complete at Eighty and No/100 Dollars (\$80.00) each. 160.00

Item No. 30 40 existing meter pits to be adjusted to the surface of parkways where located including all materials necessary all excavation, backfilling with earth, all labor, equipment, tools, and incidentals necessary to adjust said meter pits complete at Five and No/100 Dol-

LEGAL NOTICE
lars (\$5.00) each. 200.00

Item No. 31 3 existing four inch by six inch storm water drains in the line of the proposed pavement to be removed, the connecting pipe to be disconnected and removed, the City Yard, including all materials, labor, equipment, tools, and incidentals necessary to do said work properly, complete at Fifty and No/100 Dollars (\$50.00) each. 100.00

Item No. 32 2 new Highland Park standard hydrants to be set, one at Sunset Road, and one at Hickory Street. Each hydrant shall be single valve, and of approved design, with five inch valve opening, seven inch internal diameter, four inch pipe, two two and one-half inch nozzles, and one four and one-half inch steamer. Each hydrant shall be furnished with a regular operating nut of seven-eighths inch side. The length of each hydrant shall be five and seven-eighths feet from the surface of the ground to the top of the connecting nut, including one-quarter inch diameter of crushed stone placed around the hydrant drip and including connection to the existing water main on Central Avenue by cutting in a six inch by six inch pipe, connecting the hydrant to the said pipe by installing twenty-two feet of six inch Class B cast iron pipe, all joints of lead and oakum well caulked in place, including all materials, all excavation, backfilling with earth in the parkways, including all labor, equipment, tools, and incidentals necessary to install said hydrants, and connect same to existing water main, complete at One Hundred Eighty and No/100 Dollars (\$180.00) each. 360.00

Item No. 33 12 trees removed, including all excavation, grubbing, limbing, removal of all roots and stumps, and debris, and all materials, filling of the resulting hole with sand or limestone screenings, complete at Two and 50/100 Dollars (\$2.50) each. 30.00

Item No. 34 1 old metal vault to be set and abandoned by removing the two cast iron vault tops and the concrete walk top bearing down the walls, to six inches below subgrade, removing the meter which are disconnected, removing the fittings, and hauling said tops, meters and fittings to the City yard, plugging the drains, and filling the remainder of the vault with sand well tamped in place, including all materials, removal of all surplus materials, all excavation, all labor, equipment, tools and incidentals necessary to abandon said vault complete at Fifteen and No/100 Dollars (\$15.00) each. 15.00

Item No. 35 5000 square yards of parkway graded, smoothed and smoothed, including all labor, equipment, tools, and incidentals necessary to complete at Ninety Cents (\$0.90) a square yard. 4,500.00

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Total Amount of Bid \$47,998.75

The owners of a majority of the frontages 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.

WILLIAM M. DOOLEY
LYLE GOURLAY
ROBERT GREENSLADE
JOSEPH H. TAYLOR
WILLIAM J. BROWN

Board of Local Improvements of the City of Highland Park, Ill.
Dated at Highland Park, Ill.
July 30, 1936.

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