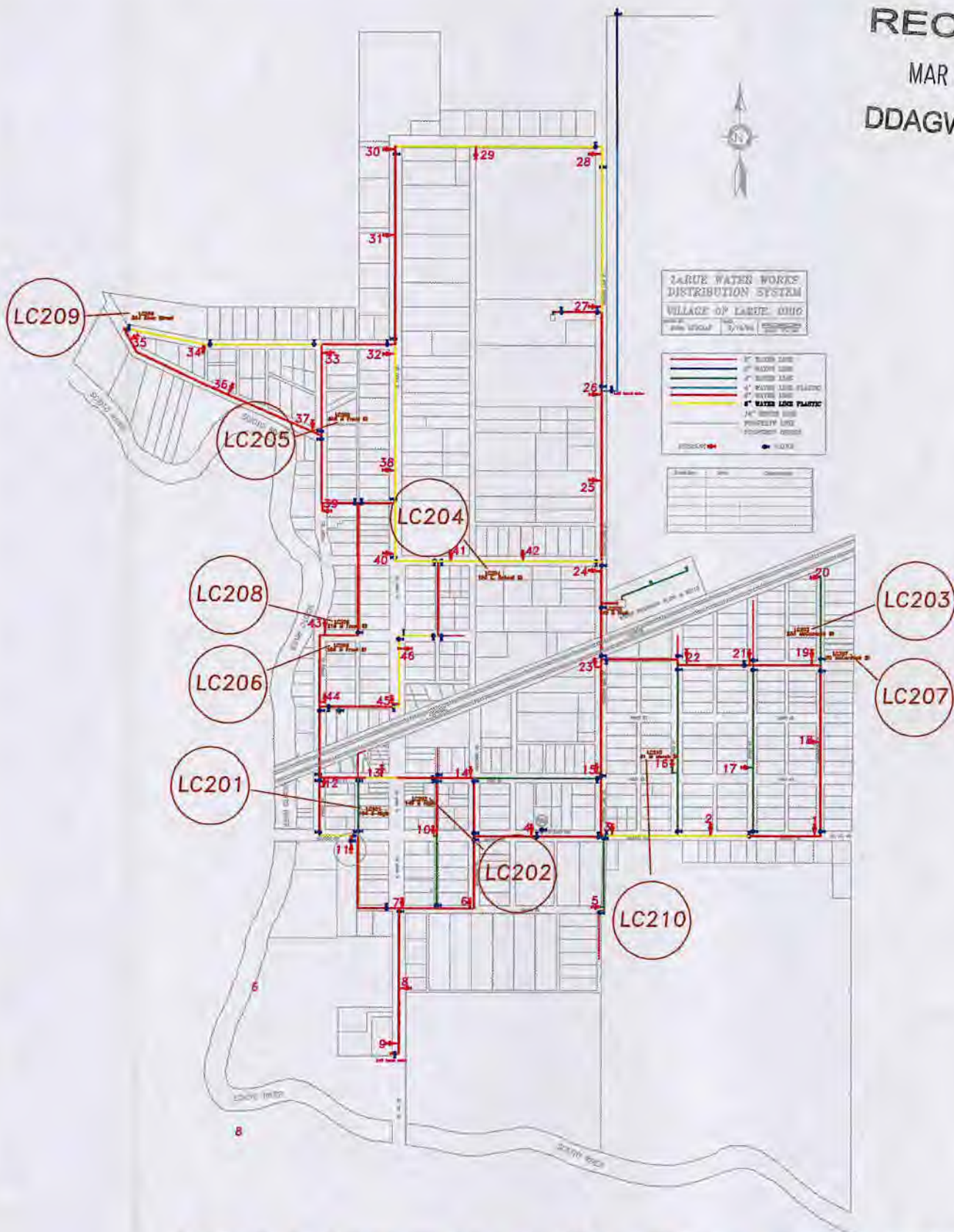


RE: La Rue Village
Report
Drinking Water Program
Marion County
PWS ID: OH5100312

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Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, building built and plumbing material manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibition became effective.

WATERWORKS IMPROVEMENT.

FOR THE

VILLAGE OF LA RUE, MARION COUNTY, OHIO

LEGAL NOTICE, PROPOSAL, CONTRACT BOND
AND SPECIFICATIONS

April, 1949

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Paul W. Elwell
Professional Engineer
5005 Euclid Ave.
Cleveland 3, Ohio

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PROPOSAL

FOR CONSTRUCTION OF A WATERWORKS IMPROVEMENT

LA RUE, MARION COUNTY, OHIO

To the Board of Trustees of Public Affairs
Village of La Rue, Marion County, Ohio

The undersigned _____

having carefully examined the location for the proposed work, and having carefully examined and read the plans and specifications, and form of contract, which they understand and accept as sufficient for the purpose, hereby propose to comply with said requirements to furnish all the necessary materials, labor and equipment, and to do and construct all of the said work within the time hereinafter stipulated, according to the following schedule and at the following prices named below and set against each item, to wit:

SECTION A

CONSTRUCTION OF A COMPLETE DISTRIBUTION SYSTEM

Item	: Unit and : Estimated : Quantity	: Unit Price Bid		: Total : Unit : Price Bid : Material : & Labor	: Total : Bid : For : I T E M
		: Material	: Labor		
Item 1-A:					
8" C.I. B&S Class 150					
Pipe in place, including					
fittings	: 80 L.F.	: \$: \$: \$: \$
Item 1-B:					
8" C.I. Pipe, Class 150,					
with mechanical joints,					
including fittings.	: 80 L.F.	: \$: \$: \$: \$
Item 2-A:					
6" C.I. B&S Class 150					
Pipe in place, including					
fittings.	: 18,200 L.F.	: \$: \$: \$: \$
Item 2-B:					
6" C.I. Pipe Class 150,					
with mechanical joints,					
including fittings.	: 18,200 L.F.	: \$: \$: \$: \$
Item 3-A:					
4" C.I. B&S Class 150					
Pipe in place, including					
fittings.	: 5,100 L.F.	: \$: \$: \$: \$
Item 3-B:					
4" C.I. Pipe, with					
mechanical joints, Class					
150, including fittings.	: 5,100 L.F.	: \$: \$: \$: \$
Item 4-A:					
2" C.I. B&S Class 150					
Pipe, in place, including					
fittings.	: 1,300 L.F.	: \$: \$: \$: \$

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Item	Unit and Estimated Quantity	Unit Price Bid		Total Unit Price Bid	Total Bid for I T E M
		Material	Labor		
Item 10:					
3/4" Type K Copper Tubing installed.	15,000 L.F.	\$	\$	\$	\$
Item 11:					
1" Type K Copper Tubing installed.	500 L.F.				
Item 12:					
3/4" Brass Corporation Stops installed.	270 each				
Item 13:					
1" Brass Corporation Stops installed.	10 each				
Item 14:					
3/4" Brass Curb Stops & Boxes installed	270 each				
Item 15:					
1" Brass Curb Stops & Boxes installed.	10 each				
Item 16:					
10" Sewer Pipe in place, as specified.	630 L.F.				
Item 17:					
Construct 3' dia. x 5' deep brick manhole.	1 each				
Item 18:					
Furnish and install concrete for concrete foundations for elev. steel storage tank, as per specifications & manufacturer's plans, including excavation. (Village reserves the right to omit or include this item in considering lowest and best bid.)	50 Cu.Yds.				
TOTAL \$					

The undersigned further agrees, if awarded the contract, to complete the work on or before _____ days from date specified to commence work under written order of the engineer. The prices named to be full compensation for the completion of the work as specified.

Accompanying this proposal is a certified check or bid bond in the sum equal to five (5%) per cent of the total amount of the bid as called for in the legal notice.

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HYDRANTS

FIRE Hydrants shall be of the compression type, opening against and closing with the water pressure. They shall in general conform to the specifications of the American Water Works Association, and all parts shall be made of the best materials of their respective kind, properly proportioned and assembled, and all work shall be done in a most substantial and workmanlike manner, satisfactory to the engineer. All hydrants shall have a net 4 inch valve opening. The inlet connection shall be a 4 inch or 6 inch Class "D" A.W.W.A. bell, as specified. All hydrants shall have two 2-1/2" hose connections and a standard steamer or pumper connection threaded to conform to the standards as specified by the engineer. All hydrants shall turn to the left or counter-clockwise to open, unless otherwise specified. The size and shape of the operating nut and the nuts on the nozzle caps shall conform to the standard as specified by the engineer. The operating nut shall be made of malleable or high strength cast iron, designed with a shelf or skirt to prevent seepage of rain or sleet and the accumulation of dirt around the revolving nut.

Hydrants shall be of a suitable length for a trench 4-1/2 feet deep, measured from the surface of the ground to the bottom of the connecting pipe. All hydrants shall be provided with a swivel flange or coupling immediately below the hose outlets and at least 2 inches above the pavement line, which will permit the head or nozzle section to be turned or completely revolved so that the hose outlets may be faced or pointed in any direction to any degree of a complete circle.

Hydrants shall be provided with an automatic and positively operating non-corrodible drain or drip valve, so as to drain the hydrant completely when the main valve is shut. A drain valve operated by springs or gravity is not acceptable. All working parts, including the main valve and seat, also the drain valve and seat, must be readily accessible and removable without digging up the hydrant. At a point approximately 2 inches above the normal pavement or ground line, both the hydrant barrel and the hydrant operating stem shall be provided with a frangible coupling or flange designed to break under violent traffic impact without injury to the barrel or stem proper. Hydrants with scored or weakened barrel sections designed to produce this result will not be acceptable.

Changes in shape or size of the waterway shall be accomplished by means of easy curves, and junctions of hose and pumper nozzles with the barrel shall be rounded to ample radii. The brass nozzles shall be generously tapered on the inside from the junction with the barrel to the outlet. There shall be no spiders or cross arms located in the waterway between the main valve guide and the outlet nozzles. All proposals must be accompanied by drawings, with complete dimensions, showing the hydrant proposed to be furnished.

Jointing Compound

Jointing compound shall consist of a sulphur base composition jointing compound, commonly known as lead substitute, suitable for use in making cast iron bell and spigot joints. No materials will be considered unless they have been in use for a sufficient period of time to furnish accurate information as to their performance records.

Packing Rings

Rubber packing rings for use in lead substitute joints shall be "Flexo-Pac Yarn" type, as manufactured by the Rice-Chadwick Company, or "Hyde-Ro Ring", as furnished by the Atlas Mineral Products Company, or approved equal. Either the round or wedge type will be acceptable, and shall be of sufficient size to bring the bottoms of adjoining pipes to the same level.

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After the partial backfilling has been completed as specified herein, the contractor shall backfill the balance of the trench. Mechanical equipment such as bulldozers, angle dozers or backfillers may be used at the contractor's option. However, all joints must be left open for visual inspection until the line has been tested and approved, except as herein specified.

Where circumstances require, the contractor may, upon request, be given permission, in writing, by the engineer to complete the backfilling prior to testing. In the case of lines jointed with sulphur compound, where the lines must be filled with water under pressure for several days before the leakage test can be made, the engineer may require that the trenches be backfilled before the leakage test is made, in order that the work may proceed in a reasonable manner and so that not more than two thousand feet of trench is open at any time. Whenever trenches are backfilled subject to such written permission or order, the contractor shall be fully liable for the quality of his work and no extra compensation will be allowed for reopening the trench, if necessary, in order to obtain satisfactory tests on the pipe line.

EQUIPMENT FOR TESTING

The contractor shall furnish a suitable, power driven, test pump of proper capacity, and all necessary piping, gages, meters or measuring tanks required to accurately determine the pressure and amount of leakage.

In new installations where the owner's pumping station is not in operation, and where surface water or well water of shallow depth is available, the contractor may be required to furnish a pump of the type commonly used to de-water trenches, and to pump sufficient water to fill and test the lines. No extra payment will be allowed for the use of such equipment.

COPPER PIPE HOUSE SERVICE CONNECTIONS

Corporation and curb stops and boxes shall be installed at such locations as may be directed by the engineer. Copper service pipe shall be installed where directed by the engineer. The service lines shall be connected to the corporation stop, and shall generally extend through the curb box directly to a point two feet inside of the basement walls unless otherwise ordered by the engineer. The connection shall be made to the house at the nearest suitable point to the main unless specific orders are issued by the engineer to extend the line to some other location. Without such orders, no payment will be allowed for the additional pipe installed beyond that which is deemed necessary. Where service connections are installed to houses which do not have basements, the copper line shall terminate at a point two feet outside of the foundation wall as directed by the engineer. When services are not to be extended to the buildings the lines shall terminate at the property line of the street or as directed by the engineer. In rock or shale excavation or where directed by the engineer, the contractor shall provide and place a 2" x 8" oak plank on which the copper pipe will lay. The connection for the copper pipe, where ordered by the engineer, shall be blocked up with stone, brick or concrete under the corporation stop at the main. This blocking must be done in such a manner as to secure a firm support for said coupling and to resist all settlements of earth in backfilling. The blocking must be held in place by fine earth firmly tamped around it. The filling with the fine earth must continue from the connection pipe for a distance of one foot before stone, shale or rough material is placed in the trench. No stone exceeding one cubic foot in size shall be put in the backfill. All connection pipe shall have an inside diameter equal to that called for on the contract drawings or on the proposal blank. The copper tubing shall be laid at a depth of not less than three feet six inches. The width of trench shall be

Sept 22 1949

The La Rue Board of Public Affairs met in called session

Members present were

Ford

Barth

Fields

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Morris E Hall assistant-engineer was present with the plans for the water softener

It was decided to advertise for bids on the softening plant, in the Marion Star Sept 24 and Oct 1 issues, bids to be opened Oct 13 1949 at 8 P M at the Council room

The following bills were allowed

Sept	16	Pearl Ford inspection	89 hr	89.00
"	16	Columbus Blank Books, Mfg Co clerk supplies		3.22
"	17	Campbell Nat Bank Tech Box		4.20
"	23	The S H Leach Co Inc See A distribution system		43591.50
"	22	The La Rue News publishing notices		7.23
"	24	The Cleveland Trust Co Oct interest		466.60
Oct	1	Pearl Ford inspection	184 hr	104.00
"	3	Mrs Morris Virden distributing notices		75.00
"	3	Brown Co Ches Wall Small site	1.47 acres	1000.00

Wanted by Barth that ^{all} bills be allowed except the one to Mrs Virden which was returned to the Village Council for approval

Vote Barth yes, Fields yes Ford yes

The bill to Mrs Morris Virden was approved by the Village Council and paid Oct 3 1949