



Village of Decatur Request for Proposal

Residential Water Service Installation

September 2019

Proposals plainly marked "S. Williams Street Water Services" will be received by the Village of Decatur at the Village offices located at 114 N Phelps, Decatur, MI 49045 until 5:00 PM, local time, Oct 2, 2019 or via email to mnewton@decaturmi.org for the following:

Project Summary

Installation of a water service from the existing 12" ductile iron water main by means of boring a copper line under the road (S. Williams Street) and to the existing service within 5 feet of the residence. Miscellaneous removal of pavement and concrete curb and gutter may be necessary depending on existing utility locations. A connection to the house and abandoning the existing well will also be required. Restoration and cleanup to an equal or better condition is required.

The Village of Decatur reserves the right to reject any and all bids, to waive irregularities in the bids, and to accept the proposal that, in the opinion of the Village Council, is in the best interest of and to the advantage of the Village. Proposal forms are attached to this RFP, but may be obtained from the Village office during regular business hours. **Proposals must be submitted on the forms provided.** Supporting documentation can be attached as desired.

Requirements

- Sites will be inspected for satisfaction by a Village employee when completed and prior to release of payment.
- Licensed plumber in the State of Michigan must preform work for water service connection at residence.
- Project must be completed by December 20, 2019. Work shall be done within 10 working days upon commencement of ground disturbing activities.
- The contractor must notify and coordinate activities with the Village and property owners.
- Except where otherwise noted contractor shall refer to the 2012 Michigan Department of Transportation Standard Specifications for Construction, including Errata. These specifications can be found online at: <https://mdotjboss.state.mi.us/SpecProv/specBookHome.htm>

Work Location(s)

87679 County Road 668, Decatur MI 49045

88147 County Road 668, Decatur MI 49045

Protection and Restoration of Property

The Contractor shall restore, at the Contractor's expense, any and all public or private property damaged or injured in consequence of any act or omission on the part of the Contractor or the employees or agents of the contractor, to a condition similar and equal to that existing before such damage or injury was done. If the Contractor neglects to repair or make restoration, the Village may, after 48 hours written notice to the Contractor, proceed to make such repairs or restoration, and will deduct the cost thereof from any monies that are or may become due the Contractor.

Damage Liability and Insurance

The Contractor shall save harmless and indemnify the Village of Decatur and its employees against all claims for damages to public or private property and for injuries to persons arising out of and during the progress and to the completion of the work.

- A. **WORKER'S COMPENSATION INSURANCE** – The Contractor, prior to execution of the contract, shall file with the Village of Decatur a certification that the Contractor carries Worker's Compensation Insurance.
- B. **BODILY INJURY AND PROPERTY DAMAGE** – The Contractor, prior to the execution of the contract, shall file with the Village of Decatur copies of completed certificates of insurance, as evidence that the Contractor carries adequate insurance, satisfactory to the Village, to afford protection against all claims for damages to public property, and injuries to persons, arising out of and during the progress of the work, and its completion and, where specified in the proposal, similar insurance to protect the owner of premises on or near which construction operations are to be performed.

- 1. **Bodily Injury and Property Damage Other Than Automobile** – Unless otherwise specifically required by special provisions in the proposal, the minimum limits of property damage and bodily injury liability covering each contract shall be:

Bodily Injury Liability:

Each Occurrence: \$500,000

Aggregate: \$500,000

Property Damage Liability:

Each Occurrence: \$500,000

Aggregate: \$500,000

- 2. **Owners Protective Liability** – Bodily injury and property damage protection shall be extended to the Village of Decatur and the Decatur Department of Public Works.
- 3. **Bodily Injury Liability and Property Damage Liability for All Owned, Non-Owned and Hired Vehicles** – Unless otherwise specifically required by special provisions in the proposal, in addition to Michigan No-Fault Coverage, the minimum limits of bodily injury liability and property damage liability shall be:

Bodily Injury Liability:

Each Person: \$500,000

Each Occurrence: \$500,000

Property Damage Liability

Each Occurrence: \$500,000

Combined Single Limit for Bodily Injury and Property Damage Liability

Each Occurrence: \$500,000

- C. **NOTICE** – The Contractor shall not cancel or reduce the coverage of any insurance required by the Section without providing 30-day prior written notice to the Village of Decatur. All such insurance must include an endorsement whereby the insurer shall agree to notify the Village of Decatur immediately of any reduction by the Contractor. The Contractor shall cease operations on the occurrence of any such cancellation or reduction, and shall not resume operations until new insurance is in force.
- D. **REPORTS** – At the request of the Village of Decatur, the Contractor or the Contractor’s insurance carrier shall report claims received, inspections made, and disposition of claims.

Bid Bond

Quotations will remain valid for a period of 60 calendar days after opening of proposals. A bid bond in the amount of 5% of the proposal shall be submitted with the proposal payable to the owner as a guarantee that if the bid is accepted the bidder will execute and file the proposed contract and bond.

Performance Bond & Payment Bond

The successful bidder shall furnish prior to the award of the contract a performance and payment bond in an amount equal to 100% of its proposal.

Forfeiture of Award

Failure on the part of the Bidder to file satisfactory bonds and other required documents within 28 days following the award of contract or within such extended period as may be approved by the Department, may result in the forfeiture of the proposal guaranty and forfeiture of contract award.

Rejection Clause

The Village of Decatur reserves its right to reject any or all bids, to waive irregularities in the bids and to accept the proposal that in the opinion of the Village Council is in the best interest of and to the advantage of the Village.

Equal Opportunity

The Village of Decatur is an equal opportunity employer.

Questions Can Be Directed To:

DPW Foreman James Ebeling at 269-487-8475, jebeling@decaturmi.org, or Village Manager Matthew Newton at 269-423-6114, mnewton@decaturmi.org.

PROJECT SPECIFICATION
FOR
WATER SERVICE CONNECTIONS

Description

For the unit prices bid for the various service items, the CONTRACTOR shall do all work and furnish all materials necessary to cut existing service connections and install new service lines from the existing cut service to the proposed water mains or to install new services where directed by the OWNER.

Work Included

The item of Water Service Connection shall include the service clamp, corporation cock, curb stop, all required fittings, and all materials and work necessary for installation of the service connection of the diameter specified from the proposed water main to a location within 5 feet of the entrance into the home, all required excavation, backfill, etc. This item shall include everything except for the new service pipe required if necessary. The CONTRACTOR shall connect the new water service to the existing services as directed by the OWNER.

The item of Water Service Pipe, shall be installed by bore and jack under the roadway. Any required work to the curb and gutter, sidewalk, or pavement removal or replacement for the connections, shall be included in the road restoration item.

Materials

The service pipe shall be Type K copper of the diameter specified conforming to ASTM Specifications B88. All fittings for copper shall have compression type connections.

Corporation cocks shall be made of bronze and shall have a clear opening of the diameter of the service pipe specified. Corporation cocks shall be located at the saddle connection to the water mains for all service connections. Clamps and saddles shall be made of bronze, stainless steel, or heavily cadmium plated combination of malleable iron and forged steel straps.

Curb stops shall be set at the property line or as directed by the OWNER and shall be constructed of bronze with a valve box and cover of the size recommended by the manufacturer.

All stop cocks, curb stops, clamps and saddles yokes must be of the type currently used by the Village and must be approved by the Village prior to being ordered or incorporated into the project.

Measurement and Payment

The CONTRACTOR shall be paid his unit price for Water Service Connection, ___ inch for each water service of the diameter specified actually installed and reconnected to an existing service. The CONTRACTOR shall be paid the unit price for Water Service Connection for each new water service of the diameter specified actually installed and shall be paid the unit price bid for per foot for each foot of Copper Water Service Pipe actually installed.

Pay Item	Pay Unit
Water Service Pipe, ___ inch	Foot
Water Service Connection, ___ inch	Each

PROJECT SPECIFICATION

FOR

WELL ABANDONMENT

Description

The work of Well Abandonment includes all labor, materials, and equipment required for the complete and satisfactory plugging of abandoned wells. The contractor shall furnish his own source of electricity, fuel, and water required to perform the work and shall bear the cost of these services. The contractor shall properly protect all structures and surrounding areas from damage, which may result from the methods employed in performing the work, and be responsible for any damages to such structures resulting from his operations.

Site shall be kept in orderly condition and any parts, obstructions or pumps shall be removed and properly disposed of after work has been completed and accepted by the OWNER. Damaged property and disturbed areas shall be repaired or replaced to a condition that is equal or better than to what existed prior to commencement of work. This shall include backfilling and grading.

REQUIREMENTS

Only Michigan registered water well drilling contractors may conduct abandoned well plugging activities under this agreement. The contractor shall comply with all federal, state, and local laws and ordinances relating to performance of the work. Unless otherwise provided for in these contract specifications or under written directive from the Engineer, all work is to be done in accordance with Part 127, Michigan Water Wall Construction and Pump Installation Code, 1978 PA 368, as amended (Act 368), and the specifications described therein.

Materials

All plugging materials must receive approval from the Engineer prior to use. Any material additive used to increase fluidity, control set time, or alter the slurry composition in any way shall not be used unless approved in advance by the Engineer. Recommended plugging materials include:

- A. Neat cement grout - a mixture of one bag (94 pounds) of Type I Portland cement to not more than 6 gallons of clean water, as defined in R 325.1603a(1), Rule 103a(1), definitions; N and O.
- B. Concrete grout - a mixture of one bag (94 pounds) of Type I Portland cement to an equal amount of dry sand to not more than 6 gallons of clean water, as defined in R 325.1602(3), Rule 102(3), definitions; C and D.
- C. Bentonite chips - crushed high swelling sodium bentonite. The minimum particle size shall be 3/8 inch in diameter, as defined in R 325.1601a (4), Rule 101a (4), definitions; B.
- D. Bentonite grout (slurry) – a mixture of bentonite and water that has a high solids concentration and minimum density that meets specifications approved by the State.
- E. Other materials, (such as aggregate for use in fractured rock formations) in combination with the above, as approved in writing in advance by the Engineer.

WORK INCLUDED

Prior to the Contractor plugging the well, the contractor shall record the size and depth of the well casing and the amount and type of material used for plugging. The completed well plugging record shall be submitted within 30 days of well abandonment completion.

All obstructions shall be removed from the well that may hinder proper plugging or free flow of grout to bottom of well.

Electrical disconnections of the pumping equipment shall be made in accordance with applicable electrical codes.

Where removal of the casing is not required, the subcontractor shall:

- A. Cut the casing off 48 inches below grade.
- B. Cut the casing off not more than 3 inches above a basement floor.
- C. In a well pit where water does not collect, the abandoned well casing shall be cut off not more than 3 inches above the bottom of the well pit and the well pit back filled with sand.
- D. In a well pit that may collect water, has an enclosed concrete bottom, or is located in an area characterized by clay soils (non-draining), the casing shall be cut off not more than 3 inches above the bottom of the pit floor and a minimum of one side of the well pit or the pit floor shall be removed, so that water will not collect in the pit structure. The pit shall be back filled with native soil or sand.

All drop pipe, packer jets, check valves, screens, pumps, or other fittings removed from the well by the subcontractor are the property of the well owner. In each individual case, prior to beginning obstruction removal operations, the subcontractor shall determine if the property owner wishes to keep the well pump, drop pipe, or other parts.

Where it is determined during an abandoned well search activity or during an on-site inspection that an open annulus is present around the well casing, proper plugging of both shall be completed and included in this item. The method of plugging the annulus must be approved by the Engineer prior to commencement of work.

Wells shall be plugged in accordance with R 325.1663, Rule 163, Abandoned wells and dry holes; plugging method; and R 325.1664, abandonment of wells; plugging material, of the State Act 368.

- A. Slurry mixture and pumping - When neat cement slurry or concrete slurry is used, it shall be placed into the well by pumping down a tremie pipe of at least one inch inside diameter that has been placed to the bottom of the well to avoid segregation or dilution of sealing materials. The slurry shall be applied in one continuous operation until the well is filled. The tremie pipe shall be submerged in the slurry at all times during slurry placement. Equipment used for pumping cement grout shall be of the diaphragm, piston, gear, or helical type. The subcontractor shall be responsible for determining, in advance, the amount of slurry required to plug the well. When using neat cement in rock formations, 15 percent shall typically be added to the estimate to account for loss into the formation. Appendix IV of the Groundwater Quality Control Rules booklet may be used as a guide.
- B. Cement slurries - Neat cement or concrete slurries shall be prepared by adding cement, or sand and cement, to the calculated required volume of clean water. The material shall be mixed in the

mixing equipment until it is adequately mixed and free of lumps, then immediately pumped into the well without delay.

- C. Bentonite chips - Where bentonite chips are used, they shall be poured slowly through a 1/8 inch mesh hardware cloth screen, at an even rate not to exceed 10 pounds of material per minute, into the top of the well casing. Fine bentonite dust and particles that accumulate in the bottom of the shipping container shall not be used because they can cause bridging of the plugging material.

A work pipe or weighted drop string shall be placed in the well and the height of accumulated plugging material measured after each 50 pounds of bentonite is placed in the well. If measurement indicates that bridging of plugging material has occurred, a work pipe, drill rods, or other weighted device shall be run into the casing to break the bridge. The plugging operation shall continue until the bentonite appears at the surface. Chips are typically poured into a casing where water is visible or apparent. Where no water is apparent in the abandoned well casing, water shall be poured into the casing after every 5 feet of plugging material is added to promote expansion of the bentonite in the dry zone above the static water level.

Measurement and Payment

The CONTRACTOR will be paid his unit price for each proposed well abandonment, regardless of size, as shown on the plans.

Pay Item	Pay Unit
Well Abandonment	Each

ITEM #1 PROPOSAL

87679 County Road 668, Decatur MI 49045

_____ Date

Village of Decatur
114 N Phelps
Decatur, MI 49045

Village of Decatur Council,

The undersigned proposes to furnish all labor, equipment, and materials to perform the work set forth in the Specifications, (said specifications are herewith made a part of this proposal) for the following:

Item	Description	Quantity	Unit	Unit Price	Item Total
1	Mobilization, Max. \$3000	1	LSUM		
2	Traffic Maintenance & Control	1	LSUM		
3	Road Restoration	1	LSUM		
4	Slope Restoration	1	LSUM		
5	Copper Water Service Pipe, 1.5 inch	470	FT		
6	Water Service, 1.5 inch	1	EA		
7	Abandon Well	1	EA		

TOTAL: \$ _____

Yours very truly,

By: _____ (Printed name)

Title: _____

Firm: _____

Address: _____

Telephone: _____

Signature: _____

ITEM #2 PROPOSAL

88147 County Road 668, Decatur MI 49045

_____ Date

Village of Decatur
114 N Phelps
Decatur, MI 49045

Village of Decatur Council,

The undersigned proposes to furnish all labor, equipment, and materials to perform the work set forth in the Specifications, (said specifications are herewith made a part of this proposal) for the following:

Item	Description	Quantity	Unit	Unit Price	Item Total
1	Mobilization, Max. \$3000	1	LSUM		
2	Traffic Maintenance & Control	1	LSUM		
3	Road Restoration	1	LSUM		
4	Slope Restoration	1	LSUM		
5	Copper Water Service Pipe, 1 inch	190	FT		
6	Water Service, 1 inch	1	EA		
7	Abandon Well	1	EA		

TOTAL: \$ _____

Yours very truly,

By: _____ (Printed name)

Title: _____

Firm: _____

Address: _____

Telephone: _____

Signature: _____

PROJECT NOTES

1. THE "2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS.
2. THE PLACING OF TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), AS AMENDED.
3. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND/OR PLANS PREPARED BY OTHERS. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION OF ANYTHING AFFECTED SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
5. IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, ALL CONTRACTORS SHALL CALL MISS DIG @ 811 OR 800-482-7171 FOR PROTECTION OF UNDERGROUND UTILITIES A MINIMUM OF THREE FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO BEGINNING EACH EXCAVATION IN ANY AREA. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.
6. THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE VILLAGE TO NOTIFY THEM THAT WORK IS COMMENCING.
8. ALL FILL FOR THIS PROJECT MUST BE OBTAINED AND FURNISHED BY THE CONTRACTOR AND MEET MDOT CLASS II GRANULAR MATERIAL FROM BORROW. EXCESS FILL SHALL BE REMOVED FROM SITE BY THE CONTRACTOR. NO BORROW OR SOIL REMOVAL ARRANGEMENTS HAVE BEEN PREARRANGED FOR THIS PROJECT, AND SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT, AS REQUIRED.
10. ANY SANITARY SEWER, SANITARY SEWER SERVICE LEADS, WATER MAIN, WATER SERVICES, OR STORM SEWER THAT IS DAMAGED BY THE CONTRACTOR DURING THEIR OPERATIONS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE.
11. ALL PLUMBING WORK SHALL BE PERFORMED BY A STATE OF MICHIGAN LICENSED PLUMBER AND ACCORDING TO THE NATIONAL PLUMBING CODE AS MODIFIED BY THE STATE OF MICHIGAN AND LOCAL HEALTH DEPARTMENT. FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE WORKING SYSTEM.
12. PROPERTY OWNER'S NAMES, WHERE SHOWN, ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.
13. ALL DISTURBED LAWN AREAS SHALL BE RESTORED WITH TOPSOIL SURFACE, FURN. 4", MDOT SEED MIXTURE TUF (220#/ACRE); FERTILIZER, CHEMICAL NUTRIENT, CL A (176#/ACRE); AND HYDRO MULCH (2 TON/ACRE)(3 TON/ACRE FOR DORMANT SEEDING). FOLLOW THE MANUFACTURERS RECOMMENDATION FOR DORMANT SEEDING RESTRICTIONS.
14. ANY WORK DONE WITHIN THE BACK OF CONCRETE CURBS WILL BE INCLUDED IN THE ROAD RESTORATION ITEM. ALL MATERIALS SHALL BE REPLACED IN KIND.
15. THE CONTRACTOR SHALL COORDINATE METER INSTALL WITH THE VILLAGE'S DEPARTMENT OF PUBLIC WORKS.
16. FIELD LOCATIONS OF CONNECTIONS TO SERVICES INSIDE THE RESIDENCES SHALL BE CONFIRM PRIOR TO DIGGING.
17. THE CONTRACTOR SHALL PROVIDE DRAWINGS WITH AS BUILT INFORMATION OF EXACT LOCATION OF NEW SERVICES.
18. ALL WELL LOCATIONS ARE APPROXIMATE AND EXACT LOCATIONS ARE NOT GUARANTEED.

LEGEND

EXISTING	PROPOSED	
		CABLE
		ELECTRIC LINE
		ELECTRIC LINE (OVERHEAD)
		FIBER OPTIC LINE
		GAS LINE
		TELEPHONE LINE
		FENCE
		FORCEMAIN
		GUARDRAIL
		SANITARY SEWER
		STORM SEWER
		WATER MAIN
		CENTER LINE
		EXISTING TREE LINE
		EXISTING DITCH LINE
		EASEMENT LINE/GRADING PERMIT
		GRADING LIMITS/LIMITS OF DISTURBANCE
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		SECTION LINE
		TO BE ABANDONED

	= ANTENNA		= PAVEMENT/SOIL BORING
	= CATCH BASIN		= PROPOSED HYDRANT
	= CABLE RISER BOX		= PROPOSED GATE VALVE & BOX
	= CLEAN OUT		= PROPOSED GATE VALVE & VAULT
	= CURB INLET		= PROPOSED REDUCER
	= ELECTRIC MANHOLE		= PROPOSED SANITARY MANHOLE
	= FIRE HYDRANT		= PROPOSED STORM MANHOLE
	= FOUND IRON PIPE		= TELEPHONE MANHOLE
	= GAS VALVE		= TELEPHONE RISER BOX
	= GUY ANCHOR		= TURNING POINT/TRVERSE
	= LIGHT POLE		= UTILITY POLE
	= MAILBOX		= VAULT
	= MONITORING WELL		= WATER ELEVATION
	= POST		= WATER MANHOLE
	= SATELLITE DISH		= WATER METER
	= SANITARY MANHOLE		= WATER VALVE
	= SECTION CORNER		= WATER SPIGOT
	= SIGN		= WELL



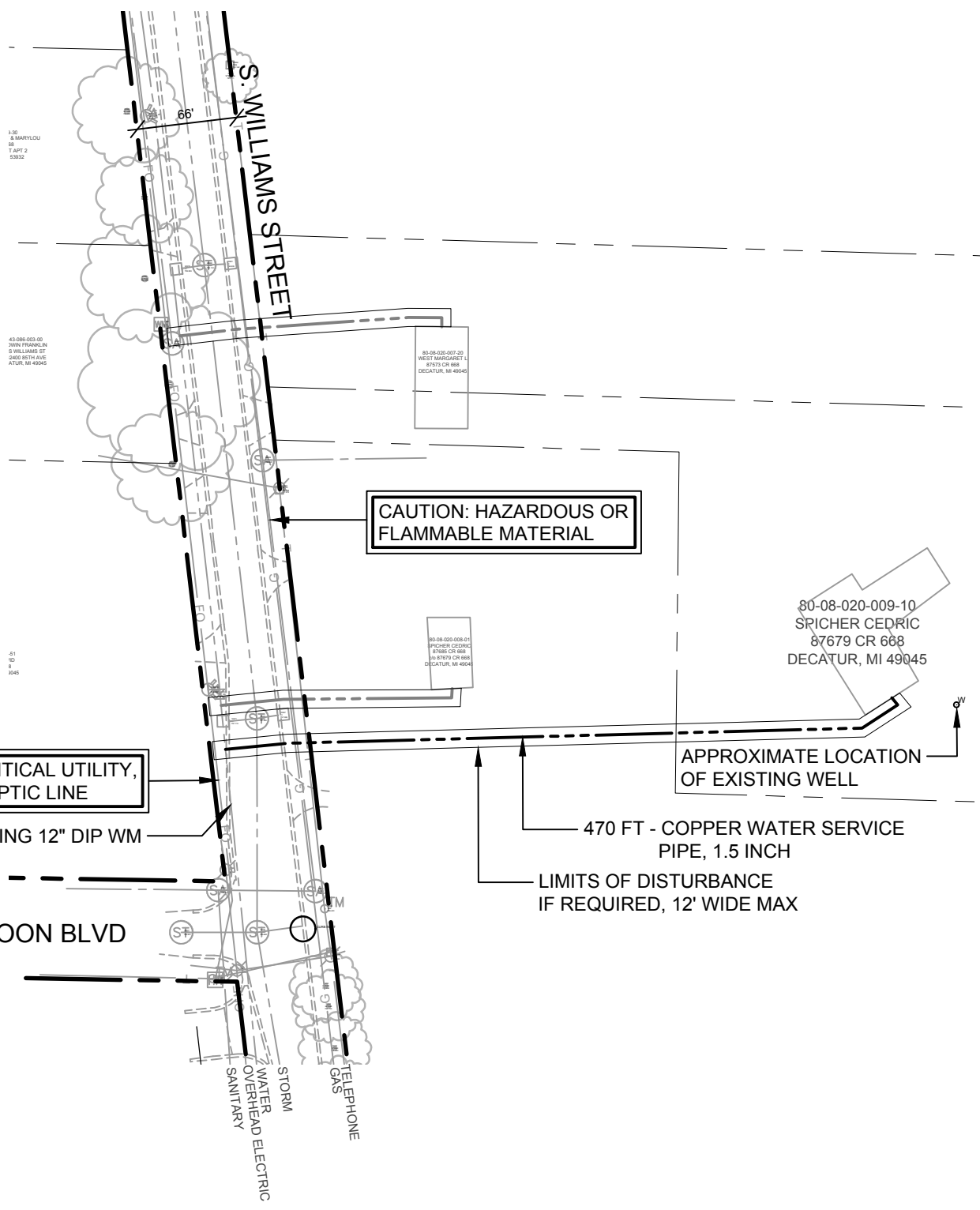
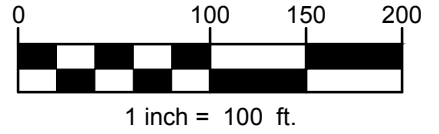
CLIENT: VILLAGE OF DECATUR
PROJECT: RESIDENTIAL WATER SERVICE INSTALLATION

2303 Pipestone Road, Benton Harbor, MI 49022 269.927.0100
433 East Ransom Street, Kalamazoo, MI 49007 269.327.3532
1670 Lincoln Road, Allegan, MI 49010 269.673.8465

JOB No: 162066
DATE: AUGUST 2019
SCALE:

www.gowightman.com

LEGEND & NOTES



**CAUTION: CRITICAL UTILITY,
FIBER OPTIC LINE**

**CAUTION: HAZARDOUS OR
FLAMMABLE MATERIAL**

**APPROXIMATE LOCATION
OF EXISTING WELL**

**470 FT - COPPER WATER SERVICE
PIPE, 1.5 INCH**

**LIMITS OF DISTURBANCE
IF REQUIRED, 12' WIDE MAX**

EXISTING 12" DIP WM

LAGOON BLVD

80-08-020-009-10
SPICHER CEDRIC
87679 CR 668
DECATUR, MI 49045

80-08-020-007-20
WEST MARGARET L
87679 CR 668
DECATUR, MI 49045

330
& MARYLOU
86
T APT 2
53032

43-088-003-00
DANN FRANKLIN
S WILLIAMS ST
2402 BETHAVE
ATLANTA, MI 49045

51
87
5045

STORM
WATER
OVERHEAD ELECTRIC
SANITARY
TELEPHONE
GAS



2303 Pipestone Road, Benton Harbor, MI 49022
433 East Ransom Street, Kalamazoo, MI 49007
1670 Lincoln Road, Allegan, MI 49010

269.927.0100
269.327.3532
269.673.8465

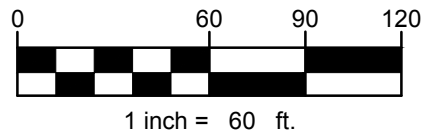
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CLIENT: VILLAGE OF DECATUR
PROJECT: RESIDENTIAL WATER SERVICE
INSTALLATION

JOB No: 162066
DATE: AUGUST 2019

SCALE:

87679 CR 668



S. WILLIAMS STREET

CAUTION: HAZARDOUS OR FLAMMABLE MATERIAL

LIMITS OF DISTURBANCE IF REQUIRED, 12' WIDE MAX

190 FT - COPPER WATER SERVICE PIPE, 1 INCH

EXISTING 12" DIP WM

80-08-029-011-50
HENDRICKSON MARK
88147 CR 668
DECATUR, MI 49045

EX. PERMANENT EASEMENT

APPROXIMATE LOCATION OF EXISTING WELL

CLIENT: VILLAGE OF DECATUR
PROJECT: RESIDENTIAL WATER SERVICE INSTALLATION



2303 Pipestone Road, Benton Harbor, MI 49022 269.927.0100
433 East Ransom Street, Kalamazoo, MI 49007 269.327.3532
1670 Lincoln Road, Allegan, MI 49010 269.673.8465
www.gowightman.com

JOB No: 162066
DATE: AUGUST 2019
SCALE:

88147 CR 668