

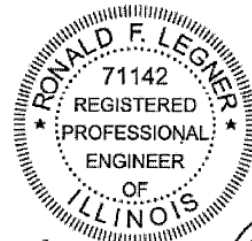
PLANS AND SPECIFICATIONS FOR

CITY OF LE ROY SOFTENER REHABILITATION



NOVEMBER 2020

PREPARED BY:



by Ronald F. Legner

date November 19, 2020

expires November 30, 2021

CITY OF LE ROY, ILLINOIS SOFTENER REHABILITATION

CITY OFFICIALS

Steven Dean, Mayor

CITY COUNCIL

Kelly Lay

Brad Poindexter

Kyle Merkle

Ron Legner

Matthew Steffen

Rick Kline

Dawn Hanafin

Greg Steffen

Samantha Walley City Administrator
Vicki Moreland City Clerk
Perry Mayer Water Superintendent

CITY OF LE ROY, ILLINOIS

SOFTENER REHABILITATION

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ADVERTISEMENT FOR BIDS

Separate sealed bids for the **SOFTENER REHABILITATION** project will be received at the **Le Roy City Hall at 207 S. East Street, Le Roy, IL 61752** until **10:30 a.m.** local time, **December 4, 2020**, and then at said office such bids will be publicly opened and read aloud.

The Contract Documents, including plans and specifications, may be examined at the following locations:

1. Chastain & Associates, LLC, 5 N. Country Club Road, Decatur, IL 62521
2. Le Roy City Hall at 207 S. East Street, Le Roy, IL 61752

Digital copies of the Plans, Specifications and Bid Forms are available in pdf format from the Engineer at no cost by emailing jmarler@chastainengineers.com . A hard copy of the bid documents may be obtained from Chastain & Associates LLC, 5 N. Country Club Rd., Decatur, IL 62521, with a non-refundable payment of **\$20.00** for each set. No refund will be made for the plans, specifications, or proposal forms returned.

The work includes: The staged rehabilitation of 4 existing water softener tanks including removal and disposal of existing resin and gravel bed, inspection and touch-up of existing interior coatings, new gravel bed, resin, disinfection and start-up.

Each bid must be accompanied by cash, a certified check, bank draft, or a bid bond, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, in the amount of 5% of the bid. Such cash, checks or bid bonds will be returned to all except the three lowest bidders within three days after the opening of bids, and the remaining cash, checks or bid bonds will be returned promptly after the Owner and the accepted bidder have executed the contract, or, if no award has been made within 45 days after the date of opening of bids, upon demand of the bidder any time thereafter, so long as he/she had not been notified of the acceptance of his/her bid.

The successful bidder will be required to furnish a satisfactory performance-payment bond in the full amount of the bid or proposal. No bid shall be withdrawn after the opening of bids without the consent of the said Owner for a period of **45** days after the scheduled time of closing bids.

The general prevailing rate of wages in the locality for each craft or type of worker or mechanic needed to execute the contract or perform such work, also the general prevailing rate for legal holiday and overtime work, as ascertained by the public body or by the Department of Labor shall be paid for each craft or type of worker needed to execute the contract or to perform such work.

A copy of the most recent Illinois Department of Labor Prevailing Wages for **McLean County** available at the time the Bid Documents were prepared is included therein.

The said **City of Le Roy, Illinois** reserves the right to reject any or all bids and waive any informalities in bidding.

Date: **November 23, 2020**

CITY OF LE ROY, ILLINOIS
Steven Dean, Mayor

INSTRUCTIONS TO BIDDERS

For Construction of: **SOFTENER REHABILITATION**

Owner: CITY OF LE ROY

1. GENERAL

1.1 The proposed improvements shall be constructed and completed in accordance with the maps, plans, and specifications prepared for and relating to the construction of such improvements.

1.2 The Contract Documents, including plans and specifications, are on file at the office of **Chastain & Associates LLC, 5 N. Country Club Road, Decatur, Illinois 62521** and **City Hall, 207 S. East Street, Le Roy, Illinois 61752**.

2. SCOPE

2.1 The proposed improvements herein specified and described consist generally of the following work:

The staged rehabilitation of 4 existing water softener tanks including removal and disposal of existing resin and gravel bed, inspection and touch-up of existing interior coatings, new gravel bed, resin, disinfection and start-up.

3. APPROXIMATE QUANTITIES

3.1 No complete detailed listing of approximate quantities is included in the Contract Documents except as the various items of work are identified in the Contractor's Proposal.

3.2 The Contractor shall determine for himself the actual quantities involved and shall bid accordingly.

4. DEPOSIT FOR PLANS

4.1 Hard copy prints of the Contract Documents, including plans and specifications, may be obtained upon a payment of a non-refundable \$20.00 deposit with Chastain & Associates LLC, 5 N. Country Club Road, Decatur, Illinois 62521. Electronic plans in PDF format will be available with no deposit required. No refund will be made for the plans, specifications, or proposal forms returned.

5. PROPOSALS

5.1 Sealed proposals will be received in accordance with the official Advertisement for Bids.

The proposal consists of the following documents:

- a) Contractor's Proposal (includes Non-Collusion Affidavit & Bidder Certification in Compliance with the Illinois Criminal Code of 1961)
- b) Proposal Guaranty (Bid Bond)

6.2 Proposals must be made on the accompanying blank forms. One extra detached copy of the Contractor's Proposal is included with the Specifications for convenience in preparation and submission of the Bid. The proposals shall be sealed in an envelope bearing only the printed endorsement "Proposals for **SOFTENER REHABILITATION**". In the case of proposals to be sent by mail, said envelope shall be placed in an outer, or mailing envelope, and endorsed "This envelope contains a sealed bid to be read at **10:30 a.m. local time, December 4, 2020**".

6.3 All bids must be accompanied by cash, a certified check, a bank draft on a responsible solvent bank, or a bid bond, executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, payable to the **City of Le Roy, Illinois**, in an amount not less than 5% of the

total amount of the bid, the same to be refunded or returned to the bidder upon the faithful performance of the conditions of the Proposal to the satisfaction of the said Owner. Bid Bonds will not be returned.

6.4 The person, firm or corporation to whom the contract may be awarded will be required to execute the Agreement and Performance-Payment Bond with sureties within the time specified herein, unless otherwise provided for by law; form of said agreement and bond is hereto attached, and in case of failure or neglect to do so, he or they will be considered as having abandoned it, and the above mentioned deposit shall thereupon be forfeited to the Owner and collected as provided by law; and thereupon the work will be readvertised.

6.5 No bid will be considered unless the party offering it shall furnish evidence satisfactory to the Owner that he has necessary facilities, ability and pecuniary resources to fulfill the conditions of the Contract. The low bidder or any other bidder may be required to submit financial statements.

6.6 All bids must be made for materials furnished in the work complete, and no proposal will be made or considered on any part of the work not complete in place, nor on materials except in completed work, unless specifically otherwise provided for in the detailed specifications.

6.7 The Bidder's attention is directed to the contract requirement that the work shall be commenced within **ten (10)** calendar days following written notice to the Contractor to proceed and shall be completed within **90 Days**.

6.8 Permission will not be given for the withdrawal of any bid or proposal for a period of **45** days after the opening thereof, excepting that any bidder may withdraw his bid personally or by telegraphic or written request at any time prior to the closing time for the receipt of bids.

7. ITEMIZED BIDS

7.1 Each bid or proposal shall be itemized in its component parts as set out on the Contractor's Proposal to be submitted at the date of receiving bids.

8. BIDDER'S DUTIES

8.1 Bidders will examine the plans and specifications for the work, and also the project site, and judge for themselves all the circumstances affecting the cost and nature of the work. They must also examine the maps, plans, profiles, details and specifications for the doing of said work, on file in office of Owner.

8.2 Bidders shall inform themselves fully of the conditions relating to construction and labor under which the work will be performed. The Contractor must employ, insofar as possible, such methods and means in carrying out the work as will not cause any interruptions or any interference with any other Contractor. Bidders are required to inform themselves fully of the conditions relating to prevailing and predetermined labor rates and the applicable laws relating thereto, and shall be governed thereby. Before submitting a proposal, the bidders should visit the site(s) of the proposed work, verify all site conditions above ground and underground, and the conditions under which said work must be conducted. Submission of a proposal implies that the bidder is fully aware of all such conditions. No claim for additional compensation will be considered or paid on account of the Bidder's neglect or failure to be so informed.

8.3 If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of plans, specifications, or other contract documents, he may submit to the Owner a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the documents will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person receiving a set of such

documents. The Owner will not be responsible for any other explanation or interpretation of the Contract Documents.

8.4 The Contract Documents contain the provisions required for the construction of the Project. Information obtained from an officer, agent, or employee of the Owner or any other person shall not affect the risks or obligations assumed by the Contractor or relieve him from fulfilling any of the conditions of the contract.

9. DELINQUENT BIDDERS

9.1 No contract will be awarded to any person, firm or corporation that has been delinquent or unfaithful in any former contract with this Owner or who is a defaulter as surety or otherwise upon any obligation to the said Owner.

10. EXECUTION OF DOCUMENTS

10.1 The Bidder, in signing his bid on the whole or on any portion of the work, shall conform to the following requirements:

Bids which are not signed by individuals making them should have attached thereto a power of attorney evidencing authority to sign the bid in the name of the person for whom it is signed.

Bids which are signed for a partnership should be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there should be attached to the bid a power of attorney, executed by the partners, evidencing authority to sign the bid.

Bids which are signed for a corporation, should have the correct corporate name thereof and the signature of the President or other authorized officer of the corporation manually written below the corporate name following the word "By _____."

If such a bid is manually signed by an official other than the President of the corporation, a certified copy of a resolution of the board of directors evidencing the authority of such official to sign the bid should be attached to it. Such bid should also bear the attesting signature of the secretary of the corporation and the impression of the corporate seal.

The Contract shall be deemed as having been awarded when formal notice of award shall have been duly served upon the intended awardee (i.e., the bidder to whom the Owner contemplates awarding the contract) by some officer or agent of the Owner duly authorized to give such notice.

11. TELEGRAPHIC OR WRITTEN MODIFICATION OF BID

11.1 Any Bidder may modify his Bid by telegraphic or written communication at any time prior to the scheduled closing time for receipt of Bids, provided such communication is received by the Owner prior to the closing time. The telegraphic or written communication should not reveal the Bid price; it should, however, state the addition or subtraction or other modification so that the final prices or terms will not be known by the Owner until the sealed Bid is opened.

12. FILING BIDS

12.1 After the bids are opened and read aloud, they shall be placed on file in the office of the **City Clerk**.

13. BASIS OF AWARD

13.1 Proposals shall be submitted for the work as shown on the Contractor's Proposal, all furnished and installed in strict conformance with the specifications therefor. No proposal will be considered except upon completed work, as specified. Except in cases where the OWNER exercises the right to

reject any or all proposals, the Contract will be awarded by the OWNER on the following basis:

As a single contract to the lowest responsive and responsible bidder.

14. COUNTERPART OF DOCUMENTS

14.1 The number of counterparts of contract and bond required to be executed is as follows:

- (a) Two original counterparts of the Agreement and of the Performance and Payment Bonds will be required to be executed.
- (b) Additional conformed sets of the complete Contract Documents including conformed sets of plans, will be executed, as may be required for distribution.

15. RETURN OF BID DEPOSITS

15.1 The bid deposit of all except the three lowest bidders will be returned within three days after the opening of bids. The bid deposit of the three lowest bidders will be returned within 48 hours after the contract and required bonds have been finally approved by the Owner. Bid bonds will not be returned.

16. RIGHT TO REJECT BIDS

16.1 The Owner reserves the right to reject any and all bids as authorized by law or to waive any informalities in bidding.

17. SUPPLEMENTAL INSTRUCTIONS

17.1 Each bidder shall submit a complete proposal on the entire work set up for contract award as established in Article 13, BASIS OF AWARD, in these instructions. Where such schedules are included in the Contractor's Proposal, he shall also submit proposals on the:

"Supplemental Schedule of Unit Prices for Fixing the Cost Basis of Changes."

17.2 A Performance-Payment Bond in the amount of 100 percent of the Contract price, with a corporate surety approved by the Owner, will be required for the faithful performance of the Contract.

17.3 Attorneys-in-fact who sign Bid Bonds or Performance Payment Bonds must file with each bond a certified and effective dated copy of their power of attorney.

17.4 All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the Contract throughout including the Act regulating wages in Illinois (820 ILCS 130/1 et. seq.) and the Illinois Preference Act (30 ILCS 570/1 et. seq.) and the Illinois Human Rights Act (775 ILCS 5/1-101 et. seq.).

CITY OF LE ROY, ILLINOIS
Steven Dean, Mayor

BIDDER'S PROOF OF RESPONSIBILITY

This Questionnaire shall be provided within 3 calendar days after requested by the Owner and the contents thereof will be considered confidential.

If the Owner is not satisfied with the sufficiency of the answers to this Questionnaire and financial statement, it may reject the bid or disregard the same, or require additional information.

STATEMENT OF BIDDER'S QUALIFICATIONS

1. Name of Bidder _____
2. Bidder's Address _____
3. When Organized? _____
4. Where Incorporated? _____
5. How many years have you been engaged in the Contracting business under the present firm name?

6. Contracts on hand (attach list of present contracts, including a schedule as to estimated completion date and gross amount of each contract).
7. General character of work performed by your firm

8. Have you ever failed to complete any work awarded to you? Yes ____ No ____
9. Have you ever defaulted on a Contract? Yes ____ No ____
If so, attach statement showing where and why.
10. Attach list of the more important contracts completed by your firm, including kind of work and approximate cost.
11. Attach list of your major equipment.
12. Attach a statement of your experience in the construction or work similar in importance to this project.
13. Attach statement of background and experience of the principal members of your personnel, including the officers.
14. Credit available. Furnish written evidence, preferably from banks.

15. Financial Statement

TOTAL ASSETS \$ _____

TOTAL LIABILITIES \$ _____

NET WORTH \$ _____

16. Additional information may be submitted if desired.

Dated at _____ this _____ day of _____, 20____.

Name of Organization

By _____

Title _____

STATE OF _____)
) SS
COUNTY OF _____)

_____, being duly sworn, says that he is _____ of _____ and that the answers to the foregoing questions and all statements contained therein are true and correct.

Signed: _____

Subscribed and sworn to before me this

____ day of _____, 20____.

Notary Public

My Commission Expires: _____

CONTRACTOR'S PROPOSAL

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF LE ROY:

Proposal of _____

The proposed improvement is officially known as:

SOFTENER REHABILITATION

The plans and specifications for the proposed improvement are those prepared by Chastain & Associates, LLC, 5 N. Country Club Road, Decatur, Illinois, 62521.

The undersigned declares that he has carefully examined all contract documents and that he has inspected in detail the sites of the proposed work, and that he has familiarized himself with all legal conditions affecting the contract and the detailed requirements of construction and understands that in making this proposal he waives all right to plead any misunderstanding regarding same.

The undersigned further understands and agrees that if this proposal is accepted he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction, and to do all of the work and to furnish all of the material specified in the contract in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

The undersigned certifies, by the submission of this Bid, and in the case of a joint Bid, each party thereto certifies as to his own organization, that in connection with the Bid:

- a. The prices in the bid have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; and
- b. Unless otherwise required by law, the prices which have been quoted in the bid have not knowingly been disclosed by the BIDDER, prior to opening, directly or indirectly to any other BIDDER or to any competitor; and
- c. No attempt has been made or will be made by the BIDDER to induce any other person or firm to submit or not to submit a bid for the purpose of restricting competition; and
- d. The undersigned is the person in the BIDDER'S organization responsible for the decision as to the prices being bid and that he has not participated, and will not participate, in any action contrary to paragraphs a. through c. above; or
- e. The undersigned is not the person in the BIDDER'S organization responsible for the decision as to the prices being bid, but that he has been authorized to act as agent for the persons responsible for such decision in certifying that such persons have not participated, and will not participate, in any action contrary to paragraphs a. through c. above, and as their agent shall so certify. He shall also certify that he has not participated, and will not participate, in any action contrary to paragraphs a. through c. above.

The Contractor shall complete all the work required by the agreement within the time specified.

Accompanying this proposal is a BANK DRAFT, BANK CASHIER'S CHECK, or CERTIFIED CHECK made payable to the City of Le Roy, in the amount of five (5) percent of the total Bid, or BID BOND.

RETURN WITH BID

The amount of the check or draft accompanying this proposal is _____ (\$_____).

The undersigned submits herewith his schedule of prices covering the work to be performed under this contract; he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done, his proposal may be rejected as irregular.

Bidder acknowledges receipt of the following Addenda:

No. _____ Dated _____

No. _____ Dated _____

SCHEDULE OF PRICES

The following shall apply to preparation of the SCHEDULE OF PRICES:

1. Each pay item should have a unit price and a total price.
2. The unit price shall govern if no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity.
3. All items shall be completed and a bid will be declared unacceptable if neither a unit price nor a total price is shown.
4. Supplemental prices are included occasionally to establish unit prices. If supplemental items are included, they must indicate the respective unit price or the bid will be declared unacceptable. Supplemental items are not included in the total bid price.

BID SCHEDULE
CITY OF LE ROY, ILLINOIS
SOFTENER REHABILITATION

	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
1.	RADIUM & METALS SAMPLING	TANK	4		
2.	RADIUM & METALS LAB TESTING	TANK	4		
3.	REMOVE AND DISPOSE OF SUPPORT MEDIA AND RESIN	TANK	4		
4.	CLEANING AND INSPECTION OF SOFTENER TANK COATINGS, BRINE DISTRIBUTORS AND UNDERDRAINS	TANK	4		
5.	NEW SUPPORTING MEDIA, DISINFECTION AND RESIN	TANK	4		
6.	ALLOWANCE FOR ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	L SUM	1	\$5,000.00	\$5,000.00
TOTAL BID :				\$	

BIDDER CERTIFICATION

In Compliance with Article 33 E to the
"Illinois Criminal Code of 1961"

I, _____, do hereby certify that:

1. I am _____ of the _____
Position Firm

and have authority to execute this certification on behalf of the firm;

2. This firm is not barred from bidding on this contract as a result of a violation of either Section 33E-3, Bid-rigging, or Section 33E-4, Bid Rotating, as set forth in Article 33E to the "Illinois Criminal Code of 1961."

Name of Firm _____

Signature _____

Title _____

Date _____

Corporate Seal (where appropriate)

On this _____ day of _____, 20____, before me appeared (Name)

_____, to me personally known, who, being duly sworn, did execute

the foregoing affidavit, and did state that he or she was properly authorized by _____ (Name of Firm)

_____ to execute the affidavit and did so as

his or her free act and deed.

Notary Public _____

Commission Expires _____

NON-COLLUSION AFFIDAVIT

STATE OF _____)
) ss
COUNTY OF _____)

_____, being first duly sworn, deposes and says that they are _____ (sole owner, partner, president, secretary, etc.) of _____, the party making the foregoing bid; that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted their bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in their general business.

Signed: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20_____.

Notary Public

*The Owner reserves the right, before any award of contract is made, to require of any bidder to whom it may make an award of the Contract, a duly executed non-collusion affidavit in the form designated above.

(If An Individual)
Signature of Bidder

(SEAL)

Business Address

(If a Co-Partnership)

Firm Name

(SEAL)

By:

(SEAL)

Business Address

Names of All
Members of Firm

(If a Corporation)

Corporate Name

(SEAL)

By:

President

Business Address

Names
Of
Officers

President

Secretary

Treasurer

Attest:

Secretary

AGREEMENT

THIS AGREEMENT, Made the _____ day of _____, A.D. 20____, by and between _____ hereinafter called the "**Contractor**," and the **CITY OF LE ROY**, Illinois, County of McLean, State of Illinois, hereinafter called the "**Owner**,"

WITNESSETH, that the Contractor and the Owner for the consideration stated herein, agree as follows:

ARTICLE I – SCOPE OF WORK - The Contractor shall perform everything required to be performed and shall provide and furnish all labor, materials, equipment, necessary tools, and all services required to perform and complete in a workmanlike manner all the work required in connection with the construction of the **SOFTENER REHABILITATION** of the Owner, all in strict accordance with the Contract Documents herein mentioned, prepared by Chastain & Associates, LLC, acting for the Owner and in these contract documents referred to as the Engineer, such documents being hereby made a part of the Contract, including the following Addenda:

<u>Addendum No.</u>	<u>Dated</u>
_____	_____
_____	_____

ARTICLE II – THE CONTRACT PRICE - The Owner shall pay to the Contractor for performance of this contract, subject to any additions or deductions provided therein, in current funds, the contract price computed as follows:

For items 1 through 5, at the lump sums, unit prices, or both as set forth by bid price in the Contractor's Proposal, attached hereto and hereby made a part of this Contract.

ARTICLE III – UNIT PRICES FOR CHANGES - The following unit prices will apply, if required, in the event of additions to or deductions from the work to be performed under this contract.

For Item 6 the payment will be on a time and material basis with the allowance to be provided as set forth by bid price in the Contractor's Proposal, attached hereto and hereby made a part of this Contract.

ARTICLE IV – PAYMENTS - Payments are to be made to the Contractor in accordance with and subject to the provisions embodied in the Contract Documents.

ARTICLE V – TIME OF COMPLETION - Work under this contract shall commence within ten (10) days after a written **Notice to Proceed** from the Owner to the Contractor, who shall diligently prosecute and complete all work under this contract within **90 Calendar Days**. The date of completion of the work determined as provided herein shall be hereinafter referred to as the "Contract Completion Date".

ARTICLE VI – LIQUIDATED DAMAGES - It is hereby fully understood and agreed that the date of beginning and the time of completion as specified in the Contract Documents are ESSENTIAL CONDITIONS of this Contract. It is further agreed that for each and every calendar day that elapses between the Contract Completion Date and the date on which the work covered by this contract is actually completed, including the removal of all plant and obstructions from the site of such work, the Contractor shall pay to the Owner as liquidated damages, and not as a penalty, the sum of **\$250.00 per day**. The total amount so payable by the Contractor as liquidated damages may be deducted from any moneys due or payable to the Contractor by the Owner or so much thereof as is not so

deducted shall be chargeable to and will be payable promptly by such Contractor and his Surety, or either of them, to the Owner.

ARTICLE VII – COMPONENT PARTS OF THE CONTRACT – The Contract Documents consist of the following component parts, all of which are as fully a part of this contract as if herein set out verbatim or, if not attached, as if hereto attached.

1. This instrument
2. Contractor's Proposal
3. Addenda
4. Special Provisions
5. Technical Specifications
6. Complete Project Manual
7. Standard Specifications for Road & Bridge Construction
8. Standard Specifications for Water and Sewer Construction in Illinois
9. Recommended Standards for Water Works
10. Contractor's Performance-Payment Bond
11. Notice of Award
12. Notice to Proceed
13. Shop and Working Drawings submitted by the Contractor, when approved by the Owner or Engineer.

In the event that any provision in any of the foregoing component parts of this Contract conflicts with any provision in any other of the component parts, the provision in the component part first enumerated shall govern over any other component part which follows it numerically, except as may be otherwise specifically stated.

ARTICLE VIII – WAGES OF EMPLOYEES ON PUBLIC WORKS – Contractor agrees to fully comply with the provisions of an act entitled regulating wages in Illinois (820 ILCS 130/1, et. seq.)

ARTICLE IX – HUMAN RIGHTS ACT – Contractor agrees to fully comply with the provisions of the Human Rights Act of the State of Illinois, (775 ILCS 5/1-101, et. seq.)

IN WITNESS THEREOF, the parties hereto have caused this instrument to be executed in two (2) original counterparts the day and year first above written.

(SEAL)

Contractor

ATTEST

SIGN: _____
PRINT: _____
TITLE: _____

SIGN: _____
PRINT: _____
TITLE: _____

(SEAL)

CITY OF LE ROY, ILLINOIS

Owner

ATTEST

SIGN: _____
PRINT: Vicki Moreland
TITLE: City Clerk

SIGN: _____
PRINT: Steven Dean
TITLE: Mayor

INSTRUCTIONS FOR EXECUTING AGREEMENT

The Contractor in executing the Agreement shall follow the following requirements:

The Contractor and the Owner shall sign the Contract Documents in not less than duplicate.

If the Contractor is a corporation, the following certification shall be executed:

I, _____, certify that I am the _____ Secretary of the corporation named as Contractor hereinabove, that _____ who signed the foregoing agreement on behalf of the Contractor was then _____ of said Corporation; that said agreement was duly signed for and in behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.

If the agreement is signed by the secretary of the Corporation, the above certificate shall be executed by some other officer of the corporation, under the corporate seal. In lieu of the foregoing certificate there may be attached to the agreement copies of so much of the corporate records as will show the official character and authority of the officers signing, duly certified by the secretary or assistant secretary under the corporate seal to be true copies.

If the Contractor is a partnership, each partner shall sign the agreement, or, if the agreement be not signed by each partner there shall be attached to the agreement a duly authenticated power of attorney evidencing the signer's (signers') authority to sign such an agreement for and in behalf of the partnership.

If the Contractor is an individual, the trade name (if the Contractor be operating under a trade name) shall be indicated in the agreement and the agreement shall be signed by such individual. If signed by one other than the Contractor there shall be attached to the agreement a duly authenticated power of attorney evidencing the signer's authority to execute such agreement for and in behalf of the Contractor.

The full name and business address of the Contractor shall be inserted and the agreement shall be signed with his official signature. The name of the signing party or parties shall be typewritten or printed under all signatures to the agreement.

The contract shall be deemed as having been awarded when formal notice of award shall have been duly served upon the intended awardee (i.e., the bidder with whom the Owner contemplates entering into a contract) by some officer or agent of the Owner duly authorized to give such notice.

CONTRACT PERFORMANCE PAYMENT BOND

THIS INSTRUMENT WITNESS, That we _____ Principal, and _____, a corporation organized and existing under and by virtue of the laws of the State of _____, and regularly authorized to do business in the State of Illinois, as Surety, are held and firmly bound unto the **CITY OF LE ROY, ILLINOIS** hereinafter called the "Owner" in accordance with a contract hereinafter referred to, in the penal sum of _____ (\$ _____) lawful money of the United States, well and truly to be paid unto the said Owner for the payment of which we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this _____ day of _____, A.D., 20____.

WHEREAS, the said Principal has entered into a written contract with the Owner for the construction of said work as designated as **SOFTENER REHABILITATION** located at **Le Roy**, in the State of Illinois, in conformity with the Contract Documents prepared by Chastain & Associates, LLC of Decatur, Illinois, which Contract Documents are hereby referred to and made a part hereof the same to all intents and purposes as if written at length herein, in which contract the said Principal has contracted to perform the work specified in said contract in accordance with the terms thereof:

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION IS SUCH that if the Principal shall faithfully perform the contract on his (its) part, and satisfy all claims and demands incurred by the Principal in the performance of said contract, and shall fully indemnify and save harmless the Owner from all costs and damages which the Owner may suffer by reason of the failure of the Principal to do so, and shall fully reimburse and repay to the Owner all costs, damages and expenses, including the payment of attorney fees and the related cost of collection, which the Owner may incur in making good any default by the Principal, including any default based upon the failure of the Principal to fulfill his obligation to furnish maintenance, repairs or replacements for any period of time after the work is completed if provided for in said contract, and shall promptly make payment to all persons supplying labor or material for use in the prosecution of the work of the performance of the contract whether by subcontract or otherwise, and shall pay all valid claims and demands whatsoever, and shall defend, indemnify and hold harmless the Owner and its agents against loss or expense by reason of any liability imposed by law upon the Owner for damage because of bodily injuries, including death at any time resulting therefrom, accidentally sustained by any person or persons, damage to property, including loss or use thereof, arising out of or in consequence of the performance of this work whether such injuries to person or persons, including death at any time resulting therefrom, damage to property are due or claim to be due to the negligence of the Owner, the Principal, their employees or agents or anyone else, including all valid claims for damages and compensation under the provisions of the Prevailing Wage Act, the Health and Safety Act, the Workmen's Occupational Diseases Act, the Workmen's Compensation Acts of the State of Illinois now in force as provided for in such contract, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

The Owner may sue on this bond, and any person furnishing material or performing labor, either as an individual or as a Subcontractor shall have the right to sue on this bond in the name of the Owner for his use and benefit, all in accordance with the provisions of an Act entitled, "An Act in Relation to Bonds of Contractors Entering Into Contracts for Public Construction," approved June 20, 1931, the provisions of said Act being hereby made a part of this bond as though fully set forth herein.

It is hereby stipulated and agreed that any suit based upon any default of the Principal in fulfilling his obligation to furnish maintenance, repairs or replacements for any period of time after the work is completed, if provided for in the contract, may be brought at any time up to one year after the expiration of the time specified in the contract during which the Contractor has agreed to furnish such maintenance or make such repairs or replacements.

The said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

ILLINOIS REGISTERED AGENT _____ (SEAL)

Name: _____ By _____

Address: _____ (SEAL)

_____ By _____

NOTICE OF AWARD

To: _____

PROJECT Description: SOFTENER REHABILITATION

The **OWNER** has considered the **BID** submitted by you for the above-described **WORK** in response to its Advertisement for Bids dated _____, 2020 and Instructions to Bidders.

You are hereby notified that your **BID** has been accepted for items in the amount of \$_____ at a meeting of the City Council on _____, 2020.

You are required by the Instructions to Bidders to execute the **AGREEMENT** and furnish the required **CONTRACT PERFORMANCE-PAYMENT BOND** and certificates of insurance within ten calendar days from the date of this Notice to you.

If you fail to execute said **AGREEMENT** and to furnish said **BONDS** within ten (10) calendar days from the date of this Notice, said **OWNER** will be entitled to consider all your rights arising out of the **OWNER'S** acceptance of your **BID** as abandoned and as a forfeiture of your **BID BOND**. The **OWNER** will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this **NOTICE OF AWARD** to the **OWNER**.

Dated this the ____ day of _____, 20____.

Owner

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged by _____, this the _____ day of _____, 20____.

By: _____

Title: _____

NOTICE TO PROCEED

To: _____	Date: _____
_____	Project: SOFTENER REHABILITATION
_____	_____

In accordance with the Agreement dated _____, 20____, **you are hereby notified** to commence **WORK** on or before _____, 20____, and you are to complete the **WORK** by within **90 Calendar Days**. You are required to return an acknowledged copy of this **NOTICE TO PROCEED** to the OWNER.

Owner

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged by _____, this the _____ day of _____, 20____.

By: _____

Title: _____

CHANGE ORDER

Order No.: _____

Date: _____

Agreement Date: _____

NAME OF PROJECT: SOFTENER REHABILITATION

OWNER: CITY OF LE ROY, IL

CONTRACTOR: _____

The following changes are hereby made to the **CONTRACT DOCUMENTS**:

JUSTIFICATION:

CHANGE TO CONTRACT PRICE:

Original **CONTRACT PRICE**: \$ _____

Current **CONTRACT PRICE** adjusted by previous **CHANGE ORDER**: \$ _____

The **CONTRACT PRICE** due to this **CHANGE ORDER** will be increased by: \$ _____

The new **CONTRACT PRICE** including this **CHANGE ORDER** will be: \$ _____

CHANGE TO CONTRACT TIME:

The **CONTRACT TIME** will be (increased or decreased) by _____ working days.

APPROVALS REQUIRED:

Recommended by: Chastain & Associates, LLC

By: _____

Approved by Owner: City of Le Roy

By: _____

Approved by Contractor: _____

By: _____

A FACSIMILE OR PHOTOSTATIC COPY OF THIS DOCUMENT SHALL BE CONSIDERED AS EFFECTIVE AS THE ORIGINAL.

CERTIFIED PAYROLL REQUIREMENTS

Public Act 94-0515

Effective August 10, 2005 contractors and subcontractors on public works projects must submit **certified payrolls** on a monthly basis to the City Clerk of Le Roy, Illinois, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filling records he/she knows to be false is a Class B misdemeanor.

The **certified payroll** records must include the project name and for every worker:

- ✓ Name
- ✓ Address
- ✓ Telephone number
- ✓ Social security number
- ✓ Job classification
- ✓ Hourly wages paid in each period
- ✓ Number of hours worked each day
- ✓ Starting and ending time off each workday

I, _____, certify that the attached certified payrolls are true and accurate certified payrolls that include all of the above reference information. I also certify that the wages paid to each worker are not less than the required prevailing wage rate and that the undersigned is aware that filling records he/she knows to be false is a Class B misdemeanor.

Title

Date

FINAL WAIVER OF LIEN

STATE OF _____)
) ss.
COUNTY OF _____)

To All Whom It May Concern:

Whereas the undersigned _____ [has] [had] been employed by
_____ to furnish [labor] [materials] [labor and materials] for the
_____ work at the premises commonly known as **SOFTENER
REHABILITATION**, of which the **CITY OF LE ROY** is the owner;

Now, therefore, the undersigned, for and in consideration of \$_____ and other good and valuable consideration, the receipt whereof is hereby acknowledged, does hereby waive and release any and all liens or claims or rights of lien under the statutes of the State of Illinois relating to mechanics liens on the above-described premises and improvements thereon and on the money or other considerations due or to become due from the owner on account of labor, services, material, fixtures, apparatus, or machinery and forms or forms work heretofore furnished or that may be furnished at any time hereafter by the undersigned for the above-described premises.

Dated at _____, Illinois, this _____ day of _____, 20_____.

[Waiving Party]

By: _____

CONTRACTOR'S AFFIDAVIT

STATE OF _____)
) ss.
COUNTY OF _____)

To All Whom It May Concern:

The undersigned, first being duly sworn, deposes and says:

1. That [he] [she] is [position title] of _____, the contractor employed by _____ for the _____ work at the premises commonly known as **SOFTENER REHABILITATION**, and owned by the **CITY OF LE ROY**.

2. That the total amount of the contract is \$_____, on which [he] [she] has received payment of \$_____.

3. That the following statement includes the names of all parties who have furnished or who have been contracted with by the affiant to furnish material or labor for the improvement and the amounts furnished by, contracted for, paid, due, and to become due each, and that the items mentioned include all labor and material required to complete the work according to plans and specifications:

Name & Address	Labor/Material Supplied	Contract Price	Amount Paid	Current Payment	Balance Due
Total Labor and Material To Complete					

All material (except as above listed) has been or will be furnished from [my] [our] own stock and has been paid for in full.

4. That there are no other contracts for the work outstanding, and that there is nothing due or to become due to any person for material, labor, or other work of any kind done or to be done on or in connection with the work other than as above stated; that all waivers are true, correct, and genuine and delivered unconditionally; and that there is no claim, either legal or equitable, to defeat the validity of the waivers.

[Contractor]

By: _____
[Title]

Subscribed and sworn to before me this
_____ day of _____, 20____.

Notary Public

[NOTE: All waivers must state the actual amount paid, and the affidavit must be completely filled out, signed, and sworn to before a notary public. Waivers from all material suppliers and subcontractors (labor and material) must be furnished.]

SOFTENER REHABILITATION

SPECIAL PROVISIONS

<u>Article No.</u>	<u>Title</u>	<u>Page</u>
SP-1	Description of Project	43
SP-2	Insurance	43-44
SP-3	Prevailing Wage Rate	44
SP-4	Joint Utility Locating Information for Excavators	44
SP-5	Recording of Existing Conditions	45
SP-6	Dust Control and Cleaning of Work Areas	45
SP-7	Alterations, Cancellations, Extensions, Deductions and Extra Work	45
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Exhibit A	McLean County Prevailing Wage Rates	47-54

The following Special Provisions supplement the "Standard Specifications for Water and Sewer Construction in Illinois", Adopted 2014, the latest edition of the "Recommended Standards for Water Works, 2018 and govern the construction of SOFTENER REHABILITATION, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

SP-1 DESCRIPTION OF PROJECT

- 1.01** The work under this Contract shall consist of the softener rehabilitation within the City of Le Roy by one of the following by the construction of one of following alternatives:

The staged rehabilitation of 4 existing water softener tanks including removal and disposal of existing resin and gravel bed, inspection and touch-up of existing interior coatings, new gravel bed, resin, disinfection and start-up.

SP-2 INSURANCE

- 2.01** Without limiting its liability under this Contract, the Contractor shall procure and maintain, at his expense during the life of this Contract, insurance of the types and in the minimum amounts stated below:

- A) Workmen's Compensation insurance in full compliance with the Workmen's Compensation Act and Employer's Liability coverage in the amount of not less than as defined by Illinois State Statutes with the following Employers Liability limits.

\$100,000 Each Accident Bodily Injury by Accident
\$100,000 Each Employee Bodily Injury by Disease
\$500,000 Policy Limit Bodily Injury by Disease

- B) Commercial General Liability including explosion (x), collapse (c) and underground (u) property damage liability, and blanket contractual liability covering the liability assumed by the Contractor under this agreement with limits of not less than:

\$1,000,000 General Aggregate Limit (other than products-completed operations)
\$1,000,000 Products-Completed Operations Aggregate Limit
\$1,000,000 Personal Injury and Advertising Injury Limit*
\$1,000,000 Per Occurrence Limit*
\$50,000 Fire/Explosion/Water Damage Limit**
\$5,000 Medical Expense Limit** (any one person)

* Subject to the applicable "aggregate limit"

** Subject to the "occurrence limit"

- C) Automobile Liability Insurance covering owned, non-owned and hired automobiles with limits not less than:

Bodily injury and Property Damage Liability
Combined Single Limit of \$1,000,000

- D) Umbrella Excess Liability coverage with a minimum per occurrence limit of \$2,000,000 in excess of the above Employers Liability, Automobile Liability and Commercial General Liability policies.

- E) Owners Protective Liability policy naming the City of Le Roy with a minimum combined single limit of \$1,000,000 shall be issued.

- 2.02 All policies shall be written on an OCCURRENCE policy form unless prior written approval is received by the Contractor from the Owner to use a CLAIMS MADE policy form.
- 2.03 The insurance coverages set forth in Paragraphs B), C), and D) above shall name the City of Le Roy, and Chastain & Associates LLC as additional insureds.
- 2.04 The Contractor shall also take out and maintain at his expense during the life of this Contract, Builder's Risk Insurance satisfactory to the City of Le Roy, which shall protect the City of Le Roy, all subcontractors, material suppliers and the City of Le Roy, the City of Le Roy's agents and the Engineer as their interest may appear, for loss to materials and equipment stored at the site, materials and temporary structures excluding contractor's construction equipment. The Builder's Risk policy shall insure against loss by perils on an "All Risk" basis including theft. Such policy shall be in a provisional amount equal to the total contract price, or such other amount as shall be satisfactory to the City of Le Roy and a duplicate policy thereof shall be provided to the City of Le Roy through the Engineer. The Builder's Risk Insurance, as specified herein, shall be a primary coverage in relation to any other policies which the City of Le Roy may maintain on its property, including the property covered by this Contract, and the policy shall include a suitable endorsement to this effect. The deductible shall not exceed \$2,500 and the deductible amount shall be the responsibility of the Contractor. Coverage provided by the Contractor shall be limited and defined by the actual terms and conditions of the policy.
- 2.05 Insurance required in this section shall be written by an insurance company or companies satisfactory to the City of Le Roy. Before commencing any work hereunder, certificates evidencing the maintenance of worker's compensation, general liability and automobile liability and umbrella liability shall be furnished to the City of Le Roy and shall contain substantially the following cancellation provision:
- "The insurance evidenced by this certificate will not be canceled or materially reduced except after 30 days from receipt by the City of Le Roy and the Engineer of written notice thereof."
- "The Worker's Compensation insurance evidenced by this certification is valid in the State of Illinois."
- 2.06 Any subcontractor of the Contractor shall be required to procure and maintain during the life of the subcontract, insurance the same as required of the Contractor hereunder and to comply with the provisions of this article, except that the full Owner's Protective Coverage shall be provided by the General Contractor.

NOTICE: THIS CONTRACT WILL NOT BE AWARDED UNTIL THE CONTRACTOR HAS PROVIDED THE OWNER WITH EVIDENCE OF INSURABILITY.

SP-3 PREVAILING WAGE RATE

- 3.01 Pursuant to the Prevailing Wage Act, 820 ILCS 130/1 et. seq. If the rates are revised during the pendency of the Contract, the Contractor must pay the revised labor rate. No change orders will be approved to cover the cost of revised labor rates.

SP-4 JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS

- 4.01 Pursuant contractor's attention is directed to the fact that there exists within the State of Illinois a Joint Utility Locating Information for Excavators (J.U.L.I.E.) System. All utility companies, municipalities having gas mains and a number of others are a part of this system. Instead of notifying each individual utility owner that he/she will be working within the area, it will only be necessary to call the number of the Joint Utility Information for Excavators System, which is 1-800-892-0123. They will notify all utility companies involved that their respective utility should be located. A minimum of 48 hours advance notice is required and the political name of the township where the work is located along with other location information such as land section and quarter section.

SP-5 RECORDING OF EXISTING CONDITIONS

- 5.01 The Contractor shall provide DVD video recordings of existing facilities along the route or area of all construction prior to the start of work, including delivery of materials and equipment. The recordings shall be adequate to serve as a basis for comparison in determining whether the terms of the Specifications with respect to replacements, restoration and/or preservation of existing surfaces have been complied with. One set of copies of the video recordings shall be given to the Engineer for his files prior to the initiation of construction activities.
- 5.02 This work will not be paid for separately, but shall be considered incidental to the Contract.

SP-6 DUST CONTROL AND CLEANING OF WORK AREAS

- 6.01 The Contractor shall be responsible for control of dust and dirt occasioned by the construction work. Bidders are advised that all affected work areas are to be kept clean.
- 6.02 The cost of all work required to keep the work areas clean shall be included in the contract pay items given in the proposal; and no additional compensation will be allowed.

SP-7 ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK

- 7.01 All contractors shall include the unit price and extension amount provided on the bid proposal form as a part of their Bid. The funds established in this item shall only be used by the City of Le Roy in the event alterations, cancellations, extensions, deductions, or extra work on the project is required. As with all other pay items the contractor(s) will only receive what has been approved during construction and the remaining balance will not be paid to the contractor(s).
- 7.02 All alterations, cancellations, extensions, deductions, or extra work will be completed and paid for in accordance with Section 104.02 of the IDOT Standard Specifications for Road and Bridge Construction.

SP-8 FINAL WAIVER OF LIEN

- 8.01 The Contractor and all affected subcontractors and suppliers shall submit final waivers of lien releasing the City of Le Roy prior to release of final payment.
- 8.02 An acceptable final waiver of lien form is included in the Contract Documents.

SP-9 GUARANTY-WARRANTY

- 9.01 Contractor guarantees all work performed and all materials and equipment furnished and installed under this Contract against defects in materials and workmanship for a period of one year from date of final payment approval by the Owner.
- 9.02 This guaranty shall be in addition to and not in lieu of any warranties or guaranties, expressed or implied by manufacturers, suppliers, or subcontractors.
- 9.03 The Contractor agrees that he will at his expense, and without extra cost to the Owner, remove, repair, or replace all defective materials, equipment, apparatus and work, and pay for all damages resulting from defects.
- 9.04 Nothing in this Article implies that the guaranty applies to or covers work which has been abused or neglected by the Owner.
- 9.05 Warranties by manufacturers or suppliers shall name the Owner. Warranty documents shall be delivered to the Owner by the Contractor.
- 9.06 The guaranty-warranty time limits do not imply any limitations of the Contractor's liability for defects for less than the legal limit of liability in accordance with the law of the place of construction.

McLean County Prevailing Wage Rates posted on 9/2/2020

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	All	BLD		32.01	33.26	1.5	1.5	2.0	2.0	8.50	16.13	0.00	0.80	
ASBESTOS ABT-GEN	All	HWY		34.43	35.93	1.5	1.5	2.0	2.0	8.50	17.11	0.00	0.80	
ASBESTOS ABT-MEC	All	BLD		32.96	35.60	1.5	1.5	2.0	2.0	14.07	12.30	0.00	0.77	
BOILERMAKER	All	BLD		41.00	44.00	1.5	1.5	2.0	2.0	7.07	20.57	0.00	1.24	
BRICK MASON	All	BLD		32.55	34.05	1.5	1.5	2.0	2.0	10.85	15.55	0.00	0.85	
CARPENTER	All	BLD		33.57	35.82	1.5	1.5	2.0	2.0	8.90	19.50	0.00	0.70	
CARPENTER	All	HWY		36.16	38.41	1.5	1.5	2.0	2.0	8.90	20.50	0.00	0.67	
CEMENT MASON	All	ALL		33.55	34.80	1.5	1.5	2.0	2.0	7.25	17.09	0.00	0.64	
CEMENT MASON	All	HWY		34.43	35.68	1.5	1.5	2.0	2.0	35.68	15.85	0.00	0.60	
CERAMIC TILE FINISHER	All	BLD		33.46		1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.84	
ELECTRIC PWR EQMT OP	All	ALL		47.70	56.60	1.5	1.5	2.0	2.0	7.93	13.36	0.00	0.72	
ELECTRIC PWR GRNDMAN	All	ALL		32.41	56.60	1.5	1.5	2.0	2.0	7.47	9.07	0.00	0.48	
ELECTRIC PWR LINEMAN	All	ALL		53.09	56.60	1.5	1.5	2.0	2.0	8.09	14.86	0.00	0.80	
ELECTRIC PWR TRK DRV	All	ALL		34.02	56.60	1.5	1.5	2.0	2.0	7.52	9.53	0.00	0.51	
ELECTRICIAN	E	BLD		42.48	45.03	1.5	1.5	2.0	2.0	7.25	10.42	0.00	0.64	
ELECTRICIAN	W	BLD		38.50	42.35	1.5	1.5	2.0	2.0	7.37	12.08	0.00	1.00	
ELECTRONIC SYSTEM TECH	E	BLD		32.28	34.28	1.5	1.5	2.0	2.0	7.25	10.32	0.00	0.40	
ELECTRONIC SYSTEM TECH	W	BLD		33.50	35.50	1.5	1.5	2.0	2.0	7.25	9.10	0.00	0.40	
ELEVATOR CONSTRUCTOR	All	BLD		47.72	53.68	2.0	2.0	2.0	2.0	15.72	18.41	3.82	0.63	
FENCE ERECTOR	E	ALL		34.34	36.24	1.5	1.5	2.0	2.0	11.59	13.02	0.00	1.11	
GLAZIER	All	BLD		36.16	38.16	1.5	1.5	1.5	2.0	12.67	9.74	0.00	1.25	
HEAT/FROST INSULATOR	All	BLD		43.95	46.59	1.5	1.5	2.0	2.0	14.07	13.76	0.00	0.77	
IRON WORKER	E	ALL		34.34	36.24	1.5	1.5	2.0	2.0	11.59	13.02	0.00	1.11	
IRON WORKER	W	BLD		33.06	34.96	1.5	1.5	2.0	2.0	11.51	17.87	0.00	0.84	
IRON WORKER	W	HWY		38.66	40.66	1.5	1.5	2.0	2.0	11.51	17.87	0.00	0.99	
LABORER	All	BLD		31.01	32.26	1.5	1.5	2.0	2.0	8.50	16.13	0.00	0.80	
LABORER	All	HWY		33.43	34.93	1.5	1.5	2.0	2.0	8.50	17.11	0.00	0.80	
LABORER, SKILLED	All	BLD		31.01	32.26	1.5	1.5	2.0	2.0	8.50	16.13	0.00	0.80	
LABORER, SKILLED	All	HWY		33.43	34.93	1.5	1.5	2.0	2.0	8.50	17.11	0.00	0.80	
LATHER	All	BLD		33.57	35.82	1.5	1.5	2.0	2.0	8.90	19.50	0.00	0.70	
MACHINERY MOVER	W	HWY		38.66	40.66	1.5	1.5	2.0	2.0	11.51	17.87	0.00	0.99	

MACHINIST	All	BLD		49.68	52.18	1.5	1.5	2.0	2.0	7.93	8.95	1.85	1.47	
MARBLE FINISHER	All	BLD		33.46		1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.84	
MARBLE MASON	All	BLD		36.70	37.95	1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.86	
MILLWRIGHT	All	BLD		33.06	35.31	1.5	1.5	2.0	2.0	8.90	20.44	0.00	0.70	
MILLWRIGHT	All	HWY		36.40	38.65	1.5	1.5	2.0	2.0	8.90	20.85	0.00	0.67	
OPERATING ENGINEER	All	BLD	1	42.05	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
OPERATING ENGINEER	All	BLD	2	38.93	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
OPERATING ENGINEER	All	BLD	3	33.78	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
OPERATING ENGINEER	All	HWY	1	42.05	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
OPERATING ENGINEER	All	HWY	2	38.93	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
OPERATING ENGINEER	All	HWY	3	33.78	45.05	1.5	1.5	2.0	2.0	10.50	21.25	0.00	3.60	
PAINTER	All	ALL		37.67	39.67	1.5	1.5	1.5	2.0	17.02	5.56	0.00	1.35	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIIVER	All	BLD		34.57	36.82	1.5	1.5	2.0	2.0	8.90	19.50	0.00	0.70	
PILEDRIIVER	All	HWY		36.16	38.41	1.5	1.5	2.0	2.0	8.90	20.50	0.00	0.67	
PIPEFITTER	All	BLD		43.85	48.24	1.5	1.5	2.0	2.0	7.75	14.20	0.00	1.70	
PLASTERER	All	BLD		30.30	32.30	1.5	1.5	2.0	2.0	9.00	20.98	0.00	0.90	
PLUMBER	All	BLD		43.85	48.24	1.5	1.5	2.0	2.0	7.75	14.20	0.00	1.70	
ROOFER	All	BLD		32.00	35.20	1.5	1.5	2.0	2.0	9.50	10.79	0.00	0.30	
SHEETMETAL WORKER	All	BLD		34.74	36.48	1.5	1.5	2.0	2.0	10.22	18.30	0.00	1.02	
SIGN HANGER	W	HWY		38.66	40.66	1.5	1.5	2.0	2.0	11.51	17.87	0.00	0.99	
SPRINKLER FITTER	All	BLD		41.97	44.72	1.5	1.5	2.0	2.0	10.23	14.02	0.00	0.52	
STEEL ERECTOR	W	HWY		38.66	40.66	1.5	1.5	2.0	2.0	11.51	17.87	0.00	0.99	
TERRAZZO FINISHER	All	BLD		33.46		1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.84	
TERRAZZO MASON	All	BLD		36.70	37.95	1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.86	
TILE MASON	All	BLD		36.70	37.95	1.5	1.5	2.0	2.0	10.85	12.10	0.00	0.86	
TRUCK DRIVER	All	O&C	1	31.14	34.54	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	All	O&C	2	31.60	34.54	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	All	O&C	3	31.82	34.54	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	All	O&C	4	32.11	34.54	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	All	O&C	5	32.97	34.54	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	N	ALL	1	39.92	40.47	1.5	1.5	2.0	2.0	10.05	11.93	0.00	0.15	
TRUCK DRIVER	N	ALL	2	40.07	40.47	1.5	1.5	2.0	2.0	10.05	11.93	0.00	0.15	
TRUCK DRIVER	N	ALL	3	40.27	40.47	1.5	1.5	2.0	2.0	10.05	11.93	0.00	0.15	
TRUCK DRIVER	N	ALL	4	40.47	40.47	1.5	1.5	2.0	2.0	10.05	11.93	0.00	0.15	
TRUCK DRIVER	S	ALL	1	38.93	43.17	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	

TRUCK DRIVER	S	ALL	2	39.50	43.17	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	S	ALL	3	39.77	43.17	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	S	ALL	4	40.14	43.17	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	
TRUCK DRIVER	S	ALL	5	41.21	43.17	1.5	1.5	2.0	2.0	13.52	6.62	0.00	0.25	

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations MCLEAN COUNTY

ELECTRICIAN (EAST) – Townships of Cropsey, Anchor, Cheneys Grove, and Ballflower

ELECTRICIAN (WEST) – The entirety of McLean County except for the portions defined as the East region.

ELECTRONIC SYSTEMS TECHINICIAN (EAST) – Townships of Cropsey, Anchor, Cheneys Grove, and Ballflower

ELECTRONIC SYSTEMS TECHINICIAN (WEST) – The entirety of McLean County except for the portions defined as the East region.

FENCE ERECTOR - See Ironworkers.

IRONWORKERS (EAST) - That part of the county East of a diagonal line from Heyworth to a point half way between Chenoa and Weston.

TEAMSTERS (NORTH) - North of a straight line starting on the west side where Route 24 crosses McClean County line in a southeasterly direction to the most south-southwestern corner of Livingston County.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

LABORER, SKILLED - BUILDING

The skilled laborer building (BLD) classification shall encompass the following types of work, irrespective of the site of the work: tending of carpenters in unloading, handling, stockpiling and distribution operations, also other building crafts, mixing, handling, and conveying of all materials used by masons, plasterers and other building construction crafts, whether done by hand or by any process. The drying of plastering when done by salamander heat, and the cleaning and clearing of all debris. All work pertaining to and in preparation of asbestos abatement and removal. The building of scaffolding and staging for masons and plasterers. The excavations for buildings and all other construction, digging, of trenches, piers, foundations and holes, digging, lagging, sheeting, cribbing, bracing and propping of foundations, holes, caissons, cofferdams, and dikes, the setting of all guidelines for machine or hand excavation and subgrading. The mixing, handling, conveying, pouring, vibrating, gunniting and otherwise applying of concrete, whether by hand or other method of concrete for any walls, foundations, floors, or for other construction concrete sealant men. The wrecking, stripping, dismantling, and handling of concrete forms and false work, and the building of centers for fireproofing purposes. Boring machine, gas, electric or air in preparation for shoving pipe, telephone cable, and so forth, under highways, roads, streets and alleys. All hand and power operating cross cut saws when used for clearing. All work in compressed air construction. All work on acetylene burners in salvaging. The blocking and tamping of concrete. The laying of sewer tile and conduit, and pre-cast materials. The assembling and dismantling of all jacks and sectional scaffolding, including elevator construction and running of slip form jacks. The work of drill running and blasting, including wagon drills. The wrecking, stripping, dismantling, cleaning, moving and oiling of forms. The cutting off of concrete piles. The loading, unloading, handling and carrying to place of installation of all rods, (and materials for use in reinforcing) concrete and the hoisting of same and all signaling where hoist is used in this type of construction coming under the jurisdiction of the Laborers' Union. And, all other labor work not awarded to any other craft. Mortar mixers, kettlemen and carrier of hot stuff, tool crib men, watchmen (Laborer), firemen or salamander tenders, flagmen, deck hands, installation and maintenance of temporary gas-fired heating units, gravel box men, dumpmen and spotters, fencing Laborers, cleaning lumber, pit men, material checkers, dispatchers, unloading explosives, asphalt plant laborers, writer of scale tickets, fireproofing laborers, janitors, asbestos abatement and removal laborers,

handling of materials treated with oil, creosote, chloride, asphalt, and/or foreign material harmful to skin or clothing, Laborers with de-watering systems, gunnite nozzle men, laborers tending masons with hot material or where foreign materials are used, Laborers handling masterplate or similar materials, laser beam operator, concrete burning machine operator, material selector men working with firebrick or combustible material, dynamite men, track laborers, cement handlers, chloride handlers, the unloading and laborers with steel workers and re-bars, concrete workers (wet), luteman, asphalt raker, curb asphalt machine operator, ready mix scalemen, permanent, portable or temporary plant drilling machine operator, plaster tenders, underpinning and shoring of buildings, fire watch, signaling of all power equipment, to include trucks excavating equipment, etc., tree topper or trimmer when in connection to construction, tunnel helpers in free air, batch dumpers, kettle and tar men, tank cleaners, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, sewer workers, rod and chain men, vibrator operators, mortar mixer operator, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers, on concrete paving, placing, cutting and tying of reinforcing, deck hand, dredge hand and shore laborers, bankmen on floating plant, asphalt workers with machine & layers, grade checker, power tools, caisson workers, lead man on sewer work, welders, cutters, burners and torch men, chain saw operators, paving breaker, jackhammer and drill operator, layout man and/or drainage tile layer, steel form setters -- street and highway, air tamping hammerman, signal man on crane, concrete saw operator, screen man on asphalt pavers, front end man on chip spreader, multiple concrete duct -- lead man.

LABORER, SKILLED - HIGHWAY

The skilled laborer heavy and highway (HWY) classification shall encompass the following types of work, irrespective of the site of the work: handling of materials treated with oil, creosote, asphalt and/or any foreign materials harmful to skin or clothing, track laborers, chloride handlers, the unloading and loading with steel workers and re-bars, concrete workers (wet), tunnel helpers in free air, batch dumpers, mason tenders, kettle and tar men, plastic installers, scaffold workers, motorized buggies or motorized unit used for wet concrete or handling of building materials, laborers with de-watering systems, sewer workers plus depth, rod and chainmen, vibrator operators, mortar mixer operators, cement silica, clay, fly ash, lime and plasters, handlers (bulk or bag), cofferdam workers plus depth, on concrete paving, placing, cutting and tying or reinforcing, deck hand, dredge hand shore laborers, bankmen on floating plant, asphalt workers with machine, and layers, grade checker, power tools, stripping of all concrete forms excluding paving forms, dumpmen and spotters, when necessary, caisson workers plus depth, gunnite nozzle men, welders, cutters, burners and torchmen, chain saw operators, paving breaker, jackhammer and drill operators, layout man and/or drainage tile layer, steel form setters - street and highway, air tamping hammerman, signal man on crane, concrete saw operator, screedman on asphalt pavers, front end man on chip spreader, multiple concrete duct, luteman, asphalt raker, curb asphalt machine operator, ready mix scalemen (portable or temporary plant), laser beam operator, concrete burning machine operator, and coring machine operator.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - SOUTH

Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - NORTH

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front. TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING

Class 1. Cranes; Overhead Cranes; Gradall; All Cherry Pickers; Mechanics; Central Concrete Mixing Plant Operator; Road Pavers (27E - Dual Drum - Tri Batchers); Blacktop Plant Operators and Plant Engineers; 3 Drum Hoist; Derricks; Hydro Cranes; Shovels; Skimmer Scoops; Koehring Scooper; Drag Lines; Backhoe; Derrick Boats; Pile Drivers and Skid Rigs; Clamshells; Locomotive Cranes; Dredge (all types) Motor Patrol; Power Blades - Dumore - Elevating and similar types; Tower Cranes (Crawler-Mobile) and Stationary; Crane-type Backfiller; Drott Yumbo and similar types considered as Cranes; Caisson Rigs; Dozer; Tournadozer; Work Boats; Ross Carrier; Helicopter; Tournapulls - all and similar types; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Heavy Equipment Greaser; CMI, CMI Belt Placer, Auto Grade & 3 Track and similar types; Side Booms; Multiple Unit Earth Movers; Creter Crane; Trench Machine; Pump-crete-Belt Crete-Squeeze Cretes-Screw-type Pumps and Gypsum; Bulker & Pump - Operator will clean; Formless Finishing Machine; Flaherty Spreader or similar types; Screed Man on Laydown Machine; Wheel Tractors (industrial or Farm-type w/Dozer-Hoe-Endloader or other attachments); F.W.D. & Similar Types; Vermeer Concrete Saw.

Class 2. Dinkeys; Power Launches; PH One-pass Soil Cement Machine (and similar types); Pugmill with Pump; Backfillers; Euclid Loader; Forklifts; Jeeps w/Ditching Machine or other attachments; Tuneluger; Automatic Cement and Gravel Batching Plants; Mobile Drills (Soil Testing) and similar types; Gurries and Similar Types; (1) and (2) Drum Hoists (Buck Hoist and Similar Types); Chicago Boom; Boring Machine & Pipe Jacking Machine; Hydro Boom; Dewatering System; Straw Blower; Hydro Seeder; Assistant Heavy Equipment Greaser on Spread; Tractors (Track type) without Power Unit pulling Rollers; Rollers on Asphalt -- Brick Macadem; Concrete Breakers; Concrete Spreaders; Mule Pulling Rollers; Center Stripper; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Cement Finishing Machine; Barber Green or similar loaders; Vibro Tamper (All similar types) Self-propelled; Winch or Boom Truck; Mechanical Bull Floats; Mixers over 3 Bag to 27E; Tractor pulling Power Blade or Elevating

Grader; Porter Rex Rail; Clary Screed; Truck Type Hoptoe Oilers; Fireman; Spray Machine on Paving; Curb Machines; Truck Crane Oilers; Oil Distributor; Truck-Mounted Saws.

Class 3. Air Compressor; Power Subgrader; Straight Tractor; Trac Air without attachments; Herman Nelson Heater, Dravo, Warner, Silent Glo, and similar types; Roller: Five (5) Ton and under on Earth or Gravel; Form Grader; Crawler Crane & Skid Rig Oilers; Freight Elevators - permanently installed; Pump; Light Plant; Generator; Conveyor (1) or (2) - Operator will clean; Welding Machine; Mixer (3) Bag and Under (Standard Capacity with skip); Bulk Cement Plant; Oiler on Central Concrete Mixing Plant.

OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

CLASS 1. Cranes; Hydro Cranes; Shovels; Crane Type Backfiller; Tower, Mobile, Crawler, & Stationary Cranes; Derricks; Hoists (3 Drum); Draglines; Drott Yumbo & Similar Types considered as Cranes; 360 Degree Swing Excavator (Shears, Grapples, Movacs, etc.); Back Hoe; Derrick Boats; Pile Driver and Skid Rigs; Clam Shell; Locomotive - Cranes; Road Pavers - Single Drum - Dual Drum - Tri Batcher; Motor Patrols & Power Blades - Dumore - Elevating & Similar Types; Mechanics; Central Concrete Mixing Plant Operator; Asphalt Batch Plant Operators and Plant Engineers; Gradall; Caisson Rigs; Skimmer Scoop - Koering Scooper; Dredges (all types); Hoptoe; All Cherry Pickers; Work Boat; Ross Carrier; Helicopter; Dozer; Tournadozer; Tournapulls - all and similar types; Operation of Concrete and all Recycle Machines; Multiple Unit Earth Movers; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Operation of Material Crusher, Screening Plants, and Tunnel Boring Machine; Heavy Equipment Greaser (top greaser on spread); CMI, Auto Grade, CMI Belt Placer & 3 Track and Similar Types; Side Booms; Asphalt Heater & Planer Combination (used to plane streets); Wheel Tractors (with Dozer, Hoe or Endloader Attachments); CAT Earthwork Compactors and Similar Types; Blaw Knox Spreader and Similar Types; Trench Machines; Pump Crete - Belt Crete - Squeeze Crete - Screw Type Pumps and Gypsum (operator will clean); Creter Crane; Operation of Concrete Pump Truck; Formless Finishing Machines; Flaherty Spreader or Similar Types; Screed Man on Laydown Machine; Vermeer Concrete Saw; Operation of Laser Screed; Span Saw; Dredge Leverman; Dredge Engineer; Lull or Similar Type; Hydro-Boom Truck; Operation of Guard Rail Machine; and Starting Engineer on Pipeline or Construction (11 or more pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc, and Ground Heater (Trailer Mounted).

CLASS 2. Bulker & Pump; Power Launches; Boring Machine & Pipe Jacking Machine; Dinkeys; Operation of Carts, Powered Haul Unit for a Boring Machine; P & H One Pass Soil Cement Machines and Similar Types; Wheel Tractors (Industry or Farm Type - Other); Back Fillers; Euclid Loader; Fork Lifts; Jeep w/Ditching Machine or Other Attachments; Tunneluger; Automatic Cement & Gravel Batching Plants; Mobile Drills - Soil Testing and Similar Types; Pugmill with Pump; All (1) and (2) Drum Hoists; Dewatering System; Straw Blower; Hydro-Seeder; Bump Grinders (self-propelled); Assistant Heavy Equipment Greaser; Apsco Spreader; Tractors (Track-Type) without Power Units Pulling Rollers; Rollers on Asphalt - Brick or Macadam; Concrete Breakers; Concrete Spreaders; Cement Strippers; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Vibro-Tampers (All Similar Types Self-Propelled); Mechanical Bull Floats; Self-Propelled Concrete Saws; Truck Mounted Power Saws; Operation of Curb Cutters; Mixers - Over Three (3) Bags; Winch and Boom Trucks; Tractor Pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Mule Pulling Rollers; Pugmill without Pump; Barber Greene or Similar Loaders; Track Type Tractor w/Power Unit attached (minimum); Fireman; Spray Machine on Paving; Curb Machines; Paved Ditch Machine; Power Broom; Self-Propelled Sweepers; Self-Propelled Conveyors; Power Subgrader; Oil Distributor; Straight Tractor; Truck Crane Oiler; Truck Type Oilers; Directional Boring Machine; Horizontal Directional Drill; Articulating End Dump Vehicles; Starting Engineer on Pipeline or Construction (6 -10 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

CLASS 3. Straight Framed Truck Mounted Vac Unit (separately powered); Trac Air Machine (without attachments); Rollers - Five Ton and Under on Earth and Gravel; Form Graders; Bulk Cement Plant; Oilers; and Starting Engineer on Pipeline or Construction (3

- 5 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

SOFTENER REHABILITATION

TECHNICAL SPECIFICATIONS

<u>Section No.</u>	<u>Title</u>	<u>Page</u>
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Exhibit B	Existing Softener Tank Shop Drawings	59-64
Exhibit C	Softener Media Loading Schedule	65
Exhibit D	IEMA Water Treatment Residual Disposal Reporting Form	67

SECTION 15440 WATER SOFTENER RESIN REPLACEMENT

PART 1 GENERAL

1.01 SCOPE

- A. The Contractor shall be responsible for all labor, materials and equipment necessary for the staged rehabilitation of 4 existing water softener tanks including removal and disposal of existing resin and gravel bed, inspection and touch-up of existing interior coatings, new gravel bed, resin, disinfection and start-up.

1.02 REFERENCES

- A. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, 7th edition.
- B. RECOMMENDED STANDARDS FOR WATER WORKS, 2018 Edition.

1.03 CONTRACTOR SUBMITTALS

A. RADIUM AND METALS LAB TESTING RESULTS

- 1. Each Contractor shall take samples of the existing resin from each of the softeners. Samples shall be sent to an accredited independent laboratory. A copy of the results is to be provided to the Owner prior to proceeding with removal of the existing resin from the softeners.

B. GRAVEL BED

- 1. The Contractor shall submit documentation of the gradation of proposed materials for use in the new gravel bedding.

C. RESIN

- 1. The successful contractor shall furnish manufacturers specification sheets for the resin proposed for the project.

1.04 SEQUENCE OF WORK

- A. The Contractor shall sample the existing resin from all of the softeners and send for Radium and Metals testing as required by IEPA for the disposal of the materials. Disinfect.
- B. Remove the resin, and gravel bedding and dispose of off-site as allowed by law. The contractor may take up to two softeners out of service at a time to perform this work.
- C. Power wash the inside of the softeners for inspection.
- D. Coordinate inspection of the interior coatings, brine distributor, nozzles and underdrain system with the Owner. Also inspect the access hatch gasket. Make any needed repairs. The cost of any repairs shall be figured on a time and material basis and will be paid out of the allowance for ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK.
- E. Provide and install the supporting media other than the resin.
- F. Coordinate and assist the Owner with backwashing the support media. Disinfect and test.
- G. Install new resin.
- H. Coordinate startup of the softeners with the Owner.
- I. Repeat for the other two softeners

PART 2 – PRODUCTS

2.01 SUPPORT MEDIA

- A. Provide and install new support media with gradations as shown on the attached SOFTENER MEDIA LOADING SCHEDULE.

2.02 RESIN

- A. Provide ion exchange softener resin in accordance with the Recommended Standards for Water Works, 2018 edition, Section 4.5.2 Cation Exchange Process. The resin shall have an exchange capacity for hardness removal greater than or equal to 20,000 grains per cubic foot when resin is regenerated with 0.3 pounds of salt per 1000 grains of hardness removed.
- B. The depth of the resin shall be in accordance with the SOFTENER MEDIA LOADING SCHEDULE included as an attachment to this specification.

2.03 LINING REPAIR COATINGS

- A. For Spot Repairs - One coat of Tnemec Series FC22 Epoxoline applied to all bare metal surfaces at 14+ mils. Note: This is for spot repair of all cleaned, properly prepared failed areas only, the edges where new coating will overlap on to tightly adhered coating will need to be scarified. Tank can be returned to service in 24 hours at 75F.

PART 3 – EXECUTION

3.01 DISPOSAL OF REMOVED MATERIALS

- A. The Contractor shall be responsible for all testing, permitting, and disposal of the removed resin and support media.

3.02 TIME OF COMPLETION

- A. Work shall be completed within 90 days from the Notice to Proceed.

PART 4 – MEASUREMENT AND PAYMENT

- 4.01** This work shall be measured and paid for at the contract unit prices given in the Bid Schedule for RADIUM & METALS SAMPLING; RADIUM & METALS LAB TESTING; REMOVE AND DISPOSE OF SUPPORT MEDIA AND RESIN; CLEANING AND INSPECTION OF SOFTENER TANK COATINGS, BRINE DISTRIBUTORS AND UNDERDRAINS; NEW SUPPORTING MEDIA, DISINFECTION AND RESIN. All work necessary to complete the work described above shall not be measured separately, but shall be considered as included in the contract unit prices for this work.

- 4.02** Any repair work approved by the Owner shall be paid for on a Time and Materials basis and billed against the ALLOWANCE FOR ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK included in the Bid Schedule.

END OF SECTION

3" NPT THREADED COUPLING
FOR BRINE CONNECTION

ONE 24" DIA. HINGED
MANWAY PROVIDED
IN THE TOP HEAD
OF THE TANK

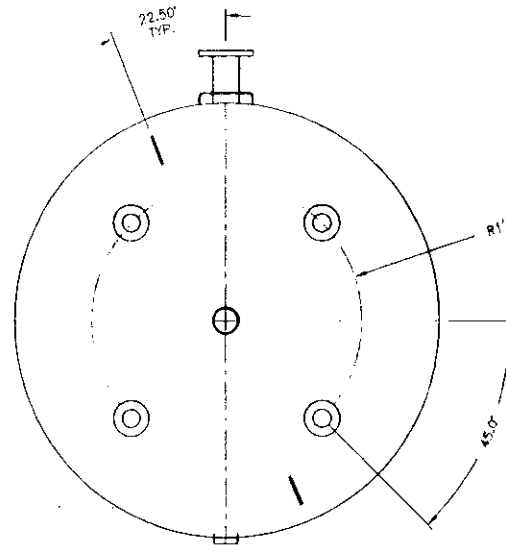
MEDIA RETAINING STRAINER
14 STRAINERS PROVIDED BY USFILTER
REFER TO MEDIA RETAINING STRAINER DETAIL
FOR ADDITIONAL INFORMATION

3/8" THICK UNDERDRAIN PLATE

UNDERDRAIN STIFFENER

PLAN VIEW

4" INFLUENT FLANGE



BOTTOM VIEW

24" DIA. MANWAY
18.0"
3/4" AIR RELEASE COUPLING
AND SHIPPING PLUG

4" INFLUENT FLANGE

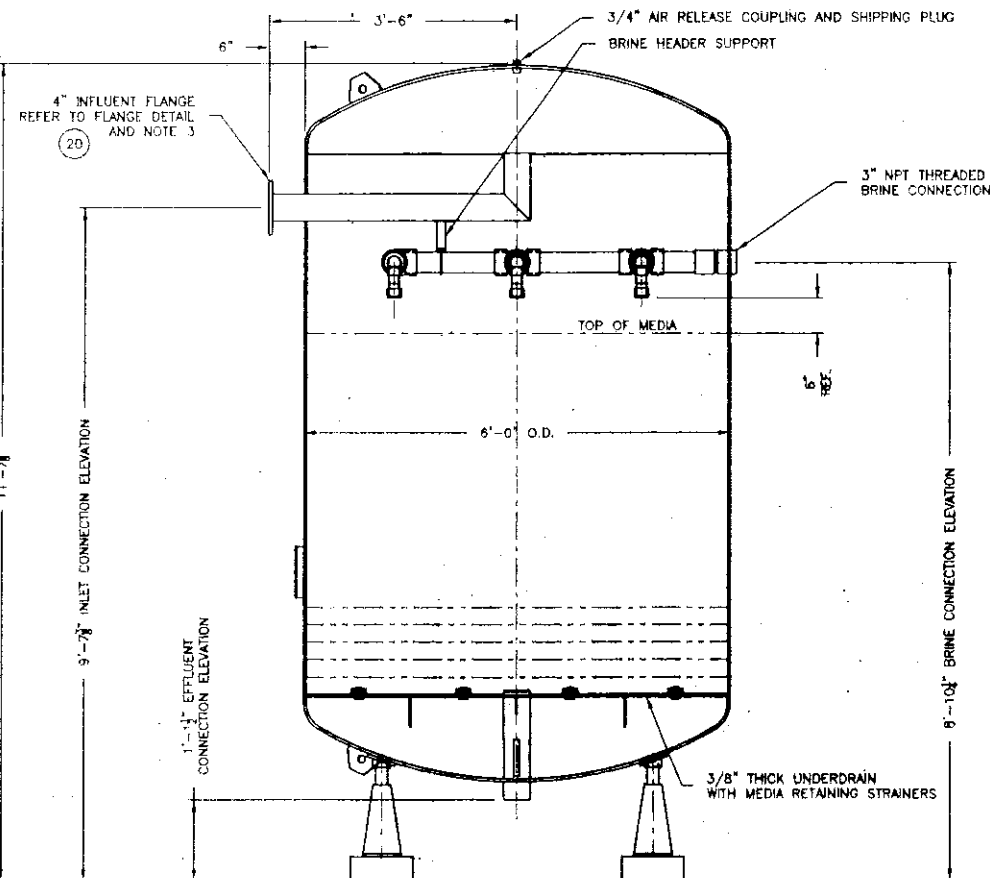
NAMEPLATE ASSEMBLY

ADJUSTABLE CAST IRON
JACK LEGS, 4 REQUIRED
PER TANK

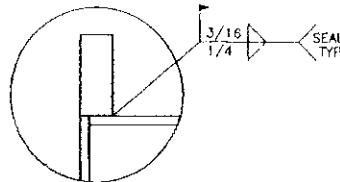
ELEVATION VIEW

64"
104" MIN.

CONCRETE PAD
NOT BY USFILTER

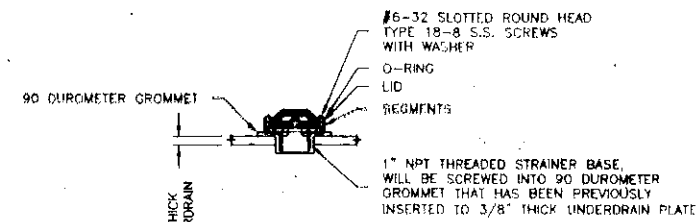


SECTION A-A
MEDIA LEVELS SHOWN FOR DRAWING
CLARITY REFER TO DRAWING 1609374201
FOR MEDIA LOADING SCHEDULE



FLANGE DETAIL
SCALE: N.T.S.

STRAINER PLAN VIEW



MEDIA RETAINING STRAINER DETAIL
SCALE: 3" = 1'-0"

- NOTES:
1. FOUR SOFTENER TANKS PROVIDED AS SHOWN, NON-CODE DESIGN.
 2. ALL FLANGED PIPE FITTINGS TO BE CAST IRON, ALL FLANGED PIPING TO BE SCH 40 STEEL. FLANGE BOLT HOLES ARE TO STRADDLE THE CENTERLINES.
 3. ALL FLANGES SHIPPED LOOSE FOR FIELD MATCH-UP AND WELDING.
 4. ONE 3/4" SCREWED AIR RELEASE COUPLING IS SUPPLIED BY USFILTER WITH SHIPPING PLUG.
 5. ONE 24" DIA. HINGED MANWAY IS LOCATED IN THE TOP HEAD OF THE TANK.
 6. SIX STAINLESS STEEL SAMPLE COCKS ARE PROVIDED AND PLACED BY OTHERS.
 7. SEE DRAWING 1609374001P2 FOR BRINE HEADER LATERAL ASSEMBLY.
 8. SEE SURFACE PREPARATION AND PAINT SPECIFICATION DOCUMENT 1609374105.
 9. SEE DRAWING 1609374201 FOR MEDIA LOADING SCHEDULE.

DESIGNER JMS DATE 9/25/03	CHECKER AMB DATE 10/20/03	ENGINEER DATE 10/21/03	MANAGER DATE	FILE: 1609374001P1.dwg SCALE: 3/4" = 1'-0"	TITLE 72" O.D. x 96" STRAIGHT SIDE NON-CODE VERTICAL PRESSURE SOFTENER LeROY, ILLINOIS	CLIENT FELMLEY-DICKERSON FARNSWORTH GROUP, SPEC. SECT. 11230	WTC - GENERAL FILTER PRODUCTS AMES, IA (515) 232-4121 FAX (515) 232-2571
PROJECT 120139	CODE	DRAWING 1609374001	SHEET 1 OF 2	REV 0			

STD. BORDER-1101-22X34D

INTL. REF.

BAR = 1" AT PLOT SCALE

REV DESCRIPTION DATE DWN CHKD APVD ECH

VALVES AND METERS SUPPLIED BY USFILTER

REFER TO CATALOG CUTS FOR ADDITIONAL VALVES, PUMPS, AND METER INFORMATION

DEZURIK VALVES

- (4) - 4" INFLUENT, PNEUMATICALLY OPERATED BUTTERFLY VALVES
- (4) - 4" EFFLUENT, PNEUMATICALLY OPERATED BUTTERFLY VALVES
- (4) - 4" BACKWASH SUPPLY, PNEUMATICALLY OPERATED BUTTERFLY VALVES
- (4) - 3" BACKWASH WASTE, PNEUMATICALLY OPERATED BUTTERFLY VALVES (WITH RATE SET ADJUSTMENT)
- (4) - 2" BRINE, PNEUMATICALLY OPERATED BUTTERFLY VALVES
- (4) - 3" RINSE, PNEUMATICALLY OPERATED BUTTERFLY VALVES (WITH RATE SET ADJUSTMENT)
- (1) - 8" BYPASS, LEVER OPERATED BUTTERFLY VALVE
- (4) - 4" EFFLUENT ISOLATION, LEVER OPERATED BUTTERFLY VALVES
- (4) - 4" BACKWASH SUPPLY ISOLATION, LEVER OPERATED BUTTERFLY VALVES
- (1) - 4" BYPASS, ADJUSTABLE ORIFICE HANDWHEEL OPERATED BUTTERFLY VALVE

KENNEDY VALVES

- (4) - 4" INFLUENT ISOLATION, HANDWHEEL OPERATED GATE VALVE

CLA-VAL VALVES

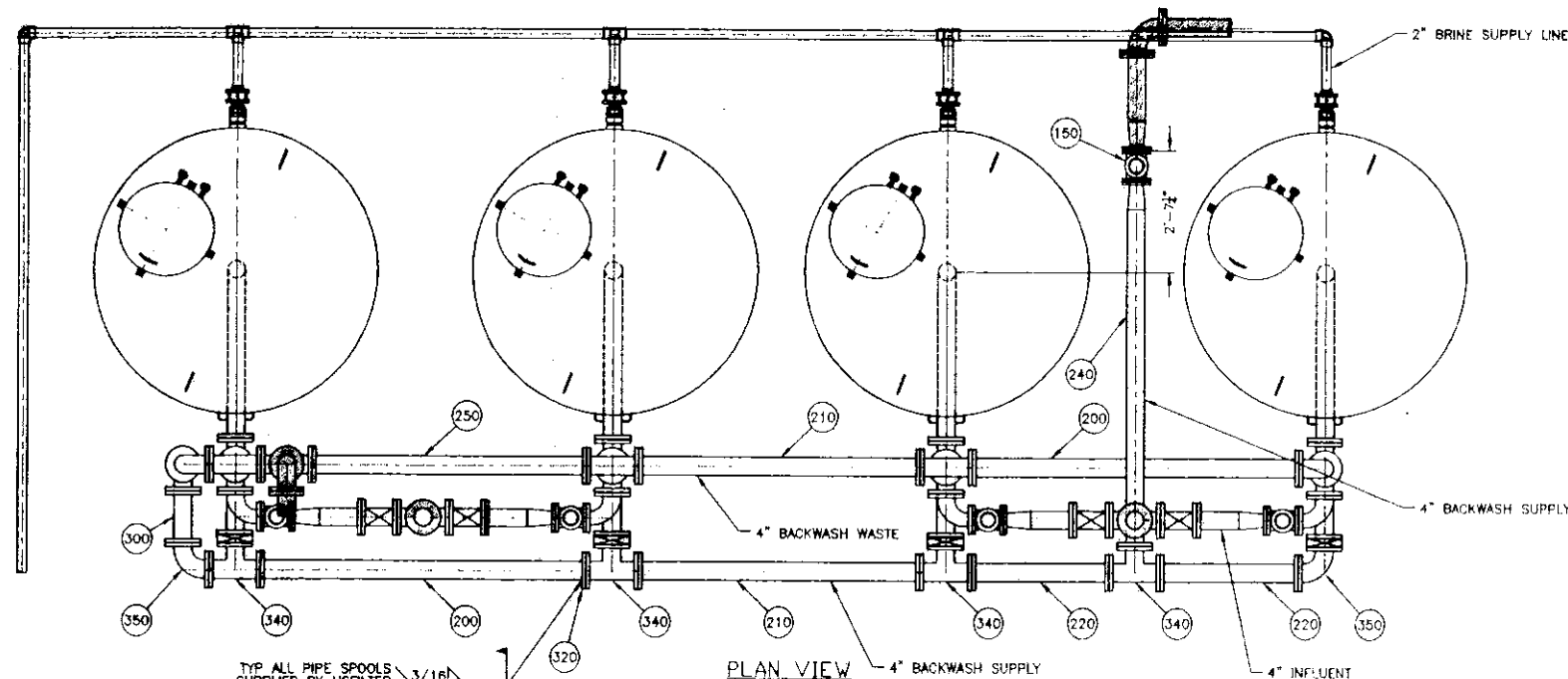
- (1) - 4" BLEND FLOW CONTROL, HYDRAULIC OPERATED DIAPHRAGM VALVE, SEE BYPASS PIPING

METERS

- (4) - 3" MAG METER WITH PULSE TRANSMITTER FOR INFLUENT WATER, E&H MAG-METER
- (1) - 4" MAG METER FOR BYPASS, E&H MAG-METER
- (1) - 3" MAG METER FOR BACKWASH SUPPLY LINE, E&H MAG-METER

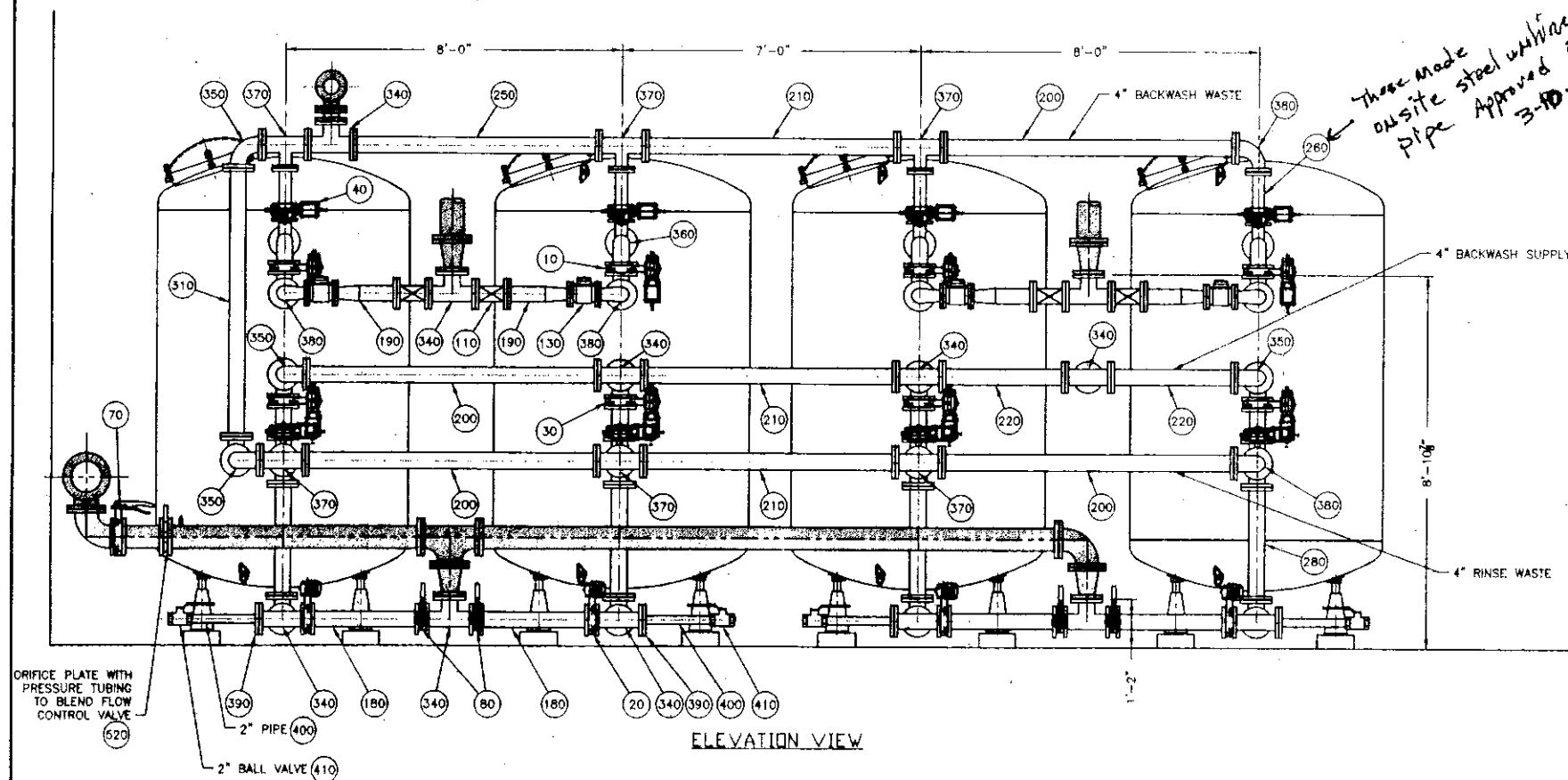
SAMPLE TAPS

- (6) - 1/2" STAINLESS STEEL SAMPLE TAPS, TO BE LOCATED PER ENGINEER (NOT SHOWN)



TYP ALL PIPE SPOOLS
SUPPLIED BY USFILTER
REFER TO NOTE 2

PLAN VIEW



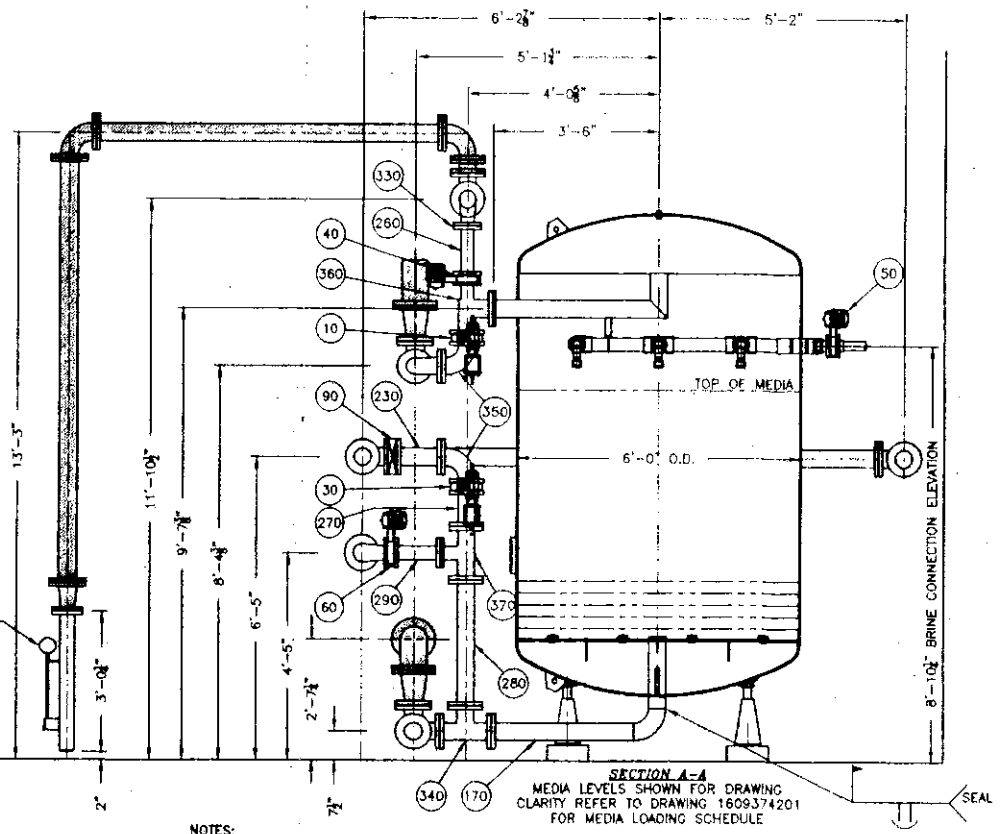
ELEVATION VIEW

ORIFICE PLATE WITH
PRESSURE TUBING
TO BLEND FLOW
CONTROL VALVE

2" PIPE (400)
2" BALL VALVE (410)

*These made
onsite steel welded
pipe Approved B4 PEM
3-10-04*

1639 BACKWASH
RATE OF FLOW
INDICATOR



NOTES:

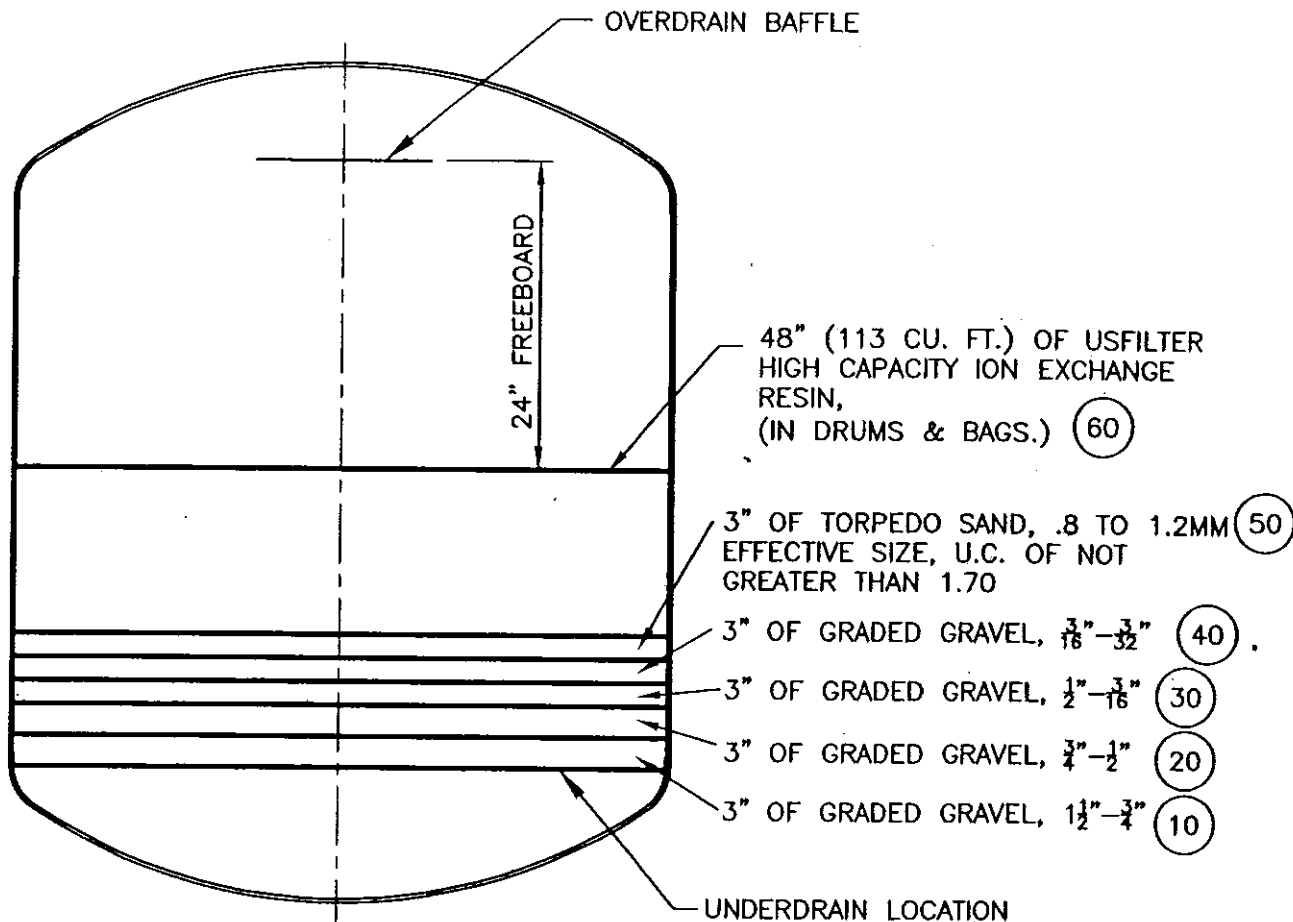
1. ALL FLANGED PIPE FITTINGS TO BE CAST IRON, ALL FLANGED PIPING TO BE SCH 40 STEEL. FLANGE BOLT HOLES ARE TO STRADDLE THE CENTERLINES.
2. ALL FLANGES SHIPPED LOOSE FOR FIELD MATCH-UP AND WELDING. REFER TO DRAWING 1609374001 FOR FLANGE WELDING DETAILS.
3. ONE 3/4" SCREWED AIR RELEASE COUPLING IS SUPPLIED BY USFILTER WITH SHIPPING PLUG.
4. SEE CATALOG CUTS FOR VALVE, METER, AND PUMP INFORMATION.
5. SEE DWG. 1609374002 PAGE 2 FOR BYPASS PIPING ELEVATION AND BOLTING DETAILS.
6. CROSSHATCHED PIPING AND FITTINGS ARE NOT BY USFILTER.

<p>ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE DESIGNER AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE DESIGNER ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. 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STD: BOKC-R-1101-11X8A

INTL REF:

1" = 1" AT PLOT SCALE



NOTES:

1. GRADED GRAVEL AND RESIN PROVIDED FOR FOUR (4) SOFTENER TANKS.
2. ALL GRADED GRAVEL WILL BE SHIPPED ON PALLETS CONTAINING ON CUBIC FOOT BAGS.
3. MAXIMUM PALLET WEIGHT IS 6000 POUNDS FOR GRAVEL.

REV		DESCRIPTION		DATE	DWN	CHKD	APVD	ECN
		All Gravel loaded & graded in All Four Softeners		4/14/04		✓	✓	(PEM)
		U.S. Filter Pregart						
DESIGNER	DATE	TITLE						
JHS	7/24/03	SOFTENER MEDIA LOADING SCHEDULE LeROY, ILLINOIS						
CHECKER	DATE	CLIENT						
		FELMLEY-DICKERSON #0334-11R FARNSWORTH GROUP, SPEC. SECT. 11230						
ENGINEER	DATE	WTC - GENERAL FILTER PRODUCTS AMES, IA (515) 232-4121 FAX (515) 232-2571						
TAD	08/28/03							
MANAGER	DATE							
FILE: 1609374201.dwg		PROJECT	CODE	DRAWING	SHEET	REV		
SCALE: NTS (24)		120139		1609374201	1 OF 1	0		

Water Treatment Residual Landfill Disposal Reporting Form

32 Ill. Adm. Code Section 330.40(d) – Radium Treatment Residuals



Illinois Emergency Management Agency

Division of Nuclear Safety

1301 Knotts St.
Springfield, IL 62703

Fax: 217-786-0146
www.illinois.gov/iema

Reporting Year: _____ (January 1 - December 31)

COMMUNITY WATER SUPPLY: _____

ILLINOIS EPA FACILITY ID#: _____

READ THIS FIRST:

Utilize this form to report the landfill disposal of any water treatment media, sludges, or other treatment residuals as required by 32 Illinois Administrative Code 330.40(d). Land Applications are reported on a separate "Field and Land Application Reporting" form.

If treatment residuals were not landfilled during the reporting period, please check "NO" for question (1); sign and date the bottom; and return this form to IEMA.

1.) Were water treatment media, sludges, lagoons, or other treatment residuals landfilled during the reporting year?

☐ YES ☐ NO

("Water treatment media" includes but is not limited to: sand, gravel, or anthracite from filters; ion exchange resin, etc.)

2.) If any of the above were landfilled, complete the table below for each disposal during the reporting period.

(Attach laboratory results and use additional sheets as necessary)

Date(s) of Landfill Disposal	Dry Tons Disposed	Landfill Name	Landfill Location (City)	Radium-226 Concentration (pCi/g)	Radium-228 Concentration (pCi/g)

3.) Were treatment residuals disposed of in some manner other than landfill disposal?

☐ YES ☐ NO

(Public distribution, land reclamation road spreading, burial, stored/piled outside)? If so, please specify below:

I certify the information provided above is accurate,

Signature: _____ Date: _____ Title: _____

Printed Name: _____ Phone No.: _____

An electronic copy of this form may be downloaded at: <http://tier2.iema.state.il.us/WaterTreatment/>

Mail or email the completed Treatment Residual Reporting Form, including any laboratory radium results to:

Illinois Emergency Management Agency
Attn: Radium Residuals Program, BRS-EC
1301 Knotts St.; Springfield, IL 62703

Questions and/or completed forms may be emailed to EMA.RadiumResiduals@illinois.gov.

Contact Gary Forsee at (217) 782-1322 or Cheryl Head at (217) 786 6372.

Additional information about 32 Ill. Adm. Code Section 330.40(d), including the implementation guidance, a searchable list of regulated communities in Illinois, and a copy of the rule, is available at <http://iema.illinois.gov/environmental/environmental.htm>