

# New Well Project

## West Liberty Well No. 2 and Powerhouse Improvements Project Weekly Progress Report

**City of West Liberty Well No. 2 and Powerhouse Improvements Newsletter**  
08/07/2023

### Well No. 2 Improvements Phase I

**Contractor: The Northway Company**

#### Current Project Phase I

- New pump/motor/power/hatch
- Construction scheduled July/August/September 2023

#### Current Work Week (August 7, 2023)

- Schedule & Submittals
- Well Control Panel Evaluation

#### 2 Week Look Ahead (August 14, 2023)

- TBD

### Powerhouse Improvements Phase II

**Contractor: S.G. CONSTRUCTION**

#### Current Project Phase

- New Door/ Driveway/ Separated Well Room
- Construction scheduled July/Aug. 2023

#### Current Work Week (August 7, 2023)

- Construct Entry Door

#### 2 Week Look Ahead (August 14, 2023)

- Determine Inside Plan

### Contact Us

#### Lee Geertz

City Manager

319.627.2418

[lgeertz@cityofwestlibertyia.org](mailto:lgeertz@cityofwestlibertyia.org)

#### Danny Goodale

Water and Sewer Superintendent

319.627.2418

[dgoodale@cityofwestlibertyia.org](mailto:dgoodale@cityofwestlibertyia.org)

#### Ed Tvrs

Electrical Superintendent

319.627.4314

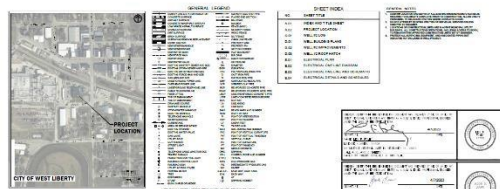
[etvrs@cityofwestlibertyia.org](mailto:etvrs@cityofwestlibertyia.org)

If you have any questions before, during, or after the construction projects, please do not hesitate to contact us. We understand this project will cause further disruption at an already disrupted time. We greatly appreciate your patience. Thank you.



### Photo or tip of the week

#### PLANS FOR WELL #2 IMPROVEMENTS-PHASE 1 WEST LIBERTY, IOWA

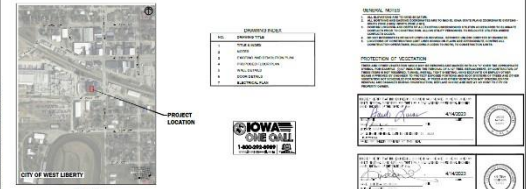


**Phase I – Well Improvements**



**Installation of New Driveway**

#### PLANS FOR WELL #2 IMPROVEMENTS - PHASE 2 WEST LIBERTY, IOWA



**Phase II – Powerhouse Improvements**

# New Well Project

West Liberty Well No. 2 and Powerhouse Improvements Project  
Weekly Progress Report



## PLANS FOR WELL #2 IMPROVEMENTS-PHASE 1 WEST LIBERTY, IOWA

PLOTTER: Plotter, Jan 17, 2024 10:52 AM



VICINITY MAP  
NOT TO SCALE

| GENERAL LEGEND |   |
|----------------|---|
| —+—            | SURVEY LINE & STATION INDICATOR                   |
| —              | CONCRETE SURFACE                                  |
| —              | ASPHALT SURFACE                                   |
| —              | CONCRETE W/ASPHALT OVERLAY                        |
| —              | LOW GRADE ASPHALT SURFACE                         |
| —              | GRAVEL SURFACE                                    |
| —              | DIRT SURFACE                                      |
| —              | BRICK SURFACE                                     |
| —              | SURFACING REMOVAL/REPLACEMENT                     |
| —              | EARTH SECTION                                     |
| —              | NEW SEWER/STAKE                                   |
| —              | NEW WATER MAIN                                    |
| —              | NEW FORCE MAIN                                    |
| —              | NEW HYDRANT                                       |
| —              | NEW WATER VALVE                                   |
| —              | EXISTING SANITARY SEWER AND SIZE                  |
| —              | EXISTING STORM SEWER AND SIZE                     |
| —              | EXISTING WATER MAIN AND SIZE                      |
| —              | EXISTING FORCE MAIN AND SIZE                      |
| —              | GAS MAIN AND SIZE                                 |
| —              | UNDERGROUND POWER LINE                            |
| —              | OVERHEAD POWER LINE                               |
| —              | UNDERGROUND TELEPHONE LINE                        |
| —              | CABLE TELEVISION LINE                             |
| —              | FIBER OPTIC                                       |
| —              | TOP OF EMBANKMENT                                 |
| —              | TOE OF EMBANKMENT                                 |
| —              | DRAINAGE COURSE                                   |
| —              | SANITARY MANHOLE                                  |
| —              | STORM WATER MANHOLE                               |
| —              | ELECTRIC MANHOLE                                  |
| —              | TELEPHONE MANHOLE                                 |
| —              | WATER MANHOLE                                     |
| —              | CURB INTAKE                                       |
| —              | AREA OR BEEHIVE INTAKE                            |
| —              | EXISTING HYDRANT                                  |
| —              | EXISTING WATER VALVE                              |
| —              | GAS VALVE   |
| —              | UTILITY POLE                                      |
| —              | GUY ANCHOR  |
| —              | STREET LIGHT                                      |
| —              | SIGN  |
| —              | TELEPHONE CABLE JUNCTION BOX                      |
| —              | TRAFFIC SIGNALS                                   |
| —              | PEDESTRIAN CONTROL LIGHT                          |
| —              | RAILROAD CONTROL LIGHT                            |
| —              | RAILROAD SIGN                                     |
| —              | UTILITY ACCESS COVER                              |
| —              | PARKING METER                                     |
| —              | TREE  |
| —              | EVERGREEN   |
| —              | STUMP   |
| —              | BUSH, SHRUB OR HEDGE                              |
| —              | OLEFERT, SIZE AND TYPE                            |
| —              | FLARED END SECTION                                |
| —              | RAILROAD  |
| —              | MULEX   |
| —              | FENCE (MISC.)                                     |
| —              | SECURITY FENCE                                    |
| —              | WOOD FENCE  |
| —              | SILT FENCE  |
| —              | CHAIN LINK FENCE                                  |
| —              | PROPERTY LINE                                     |
| —              | SECTION CORNER                                    |
| —              | PLAT BOUNDARY                                     |
| —              | BUILDING  |
| —              | ELEVATION MARKER                                  |
| —              | CENTRELINE  |
| —              | DIAMETER  |
| —              | ELEVATION   |
| —              | POLYETHYLENE GLASS FIBRE REINFORCED CONCRETE PIPE |
| —              | CAST IRON PIPE                                    |
| —              | DUCTILE IRON PIPE                                 |
| —              | CORRUGATED METAL PIPE                             |
| —              | VCP   |
| —              | VETRIFIED CLAY PIPE                               |
| —              | REINFORCED CONCRETE PIPE                          |
| —              | REINFORCED CONCRETE ARCH PIPE                     |
| —              | LINED REINFORCED CONCRETE PIPE                    |
| —              | LINED CONCRETE PRESSURE PIPE                      |
| —              | STATION   |
| —              | LINE AHEAD  |
| —              | LINE BACK   |
| —              | BENCH MARK AND NUMBER                             |
| —              | RIGHT-OF-WAY                                      |
| —              | POINT OF INTERSECTION                             |
| —              | POINT ON TANGENT                                  |
| —              | LINEAL FEET                                       |
| —              | TANGENT HUB                                       |
| —              | SOIL BORING AND NUMBER                            |
| —              | POINT OF VERTICAL CURVATURE                       |
| —              | POINT OF VERTICAL TANGENCY                        |
| —              | VERTICAL CURVE                                    |
| —              | POINT OF CURVATURE                                |
| —              | POINT OF TANGENCY                                 |
| —              | MIDDLE ORDINATE                                   |
| —              | DRAWING CONTROL POINT AND NUMBER                  |
| —              | TYPICAL   |
| —              | HIGH PRESSURE GAS                                 |
| —              | INTERMEDIATE PRESSURE GAS                         |
| —              | INVERT  |
| —              | EACH WAY, EACH FACE                               |
| —              | EACH WAY  |
| —              | AT  |
| —              | DRAWING NUMBER                                    |

NOTE: THIS IS A GENERAL LEGEND. ITEMS MAY OR MAY NOT APPEAR ON DRAWINGS.

| SHEET INDEX |                                   |
|-------------|-----------------------------------|
| NO.         | SHEET TITLE                       |
| A.01        | INDEX AND TITLE SHEET             |
| A.02        | PROJECT LOCATION                  |
| C.01        | WELL #2 LOG                       |
| D.01        | WELL BUILDING PLANS               |
| D.02        | WELL #2 IMPROVEMENTS              |
| D.03        | WELL #2 ROOF HATCH                |
| E.01        | ELECTRICAL PLAN                   |
| E.02        | ELECTRICAL ONE-LINE DIAGRAM       |
| E.03        | ELECTRICAL ONE-LINE AND SCHEMATIC |
| E.04        | ELECTRICAL DETAILS AND SCHEDULES  |

- GENERAL NOTES**
- CONFIRM LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AS REQUIRED TO ELIMINATE CONFLICTS PRIOR TO CONSTRUCTION. ALLOW UTILITY PERSONNEL TO RELOCATE UTILITIES WHERE CONFLICTS OCCUR.
  - DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
  - LOCATIONS OF CONSTRUCTION LIMITS ARE IN ACTIVE MUNICIPAL UTILITY BUILDINGS. ALL CONSTRUCTION OPERATIONS, INCLUDING ACCESS TO WORK, TO REMAIN WITHIN APPROVED CONSTRUCTION LIMITS SET BY ENGINEER.
  - PROTECT ALL SURFACING, EQUIPMENT, AND ASSOCIATED PIPING NOT INDICATED NOT INCLUDED IN WELL PROJECT.

I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Signature: *[Signature]* DATE: 4/7/2023

NAME: **LEIF F. FILEY** P.E. DATE: \_\_\_\_\_

LICENSE NUMBER: 11708

MY LICENSE RENEWAL DATE IS: DECEMBER 31, 2023.

ALL A, C AND D SHEETS TYPED OR SHEETS COVERED BY THIS SEAL.



I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Signature: *[Signature]* DATE: 4/7/2023

NAME: **JACOB D. LUCAS** P.E. DATE: \_\_\_\_\_

LICENSE NUMBER: 23245

MY LICENSE RENEWAL DATE IS: DECEMBER 31, 2023.

ALL E SHEETS TYPED OR SHEETS COVERED BY THIS SEAL.



I hereby certify that these drawings were prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa. LEIF F. FILEY, License No. 11708, State of Iowa. DATE: 4/7/2023.

|      |           |       |          |  |  |                       |           |
|------|-----------|-------|----------|--|--|-----------------------|-----------|
| DATE | REVISIONS | SCALE | AS NOTED | <br>VEENSTRA & KIMM INC.<br>1300 5th Avenue • Rock Island, Illinois 61201<br>309-785-7500 • 309-791-0965 (FAX) • 877-241-6210 (NATIONWIDE) | WELL #2 IMPROVEMENTS-PHASE 1<br>CITY OF WEST LIBERTY | INDEX AND TITLE SHEET | SHEET NO. |
|      |           |       |          |  |  |                       | A.01      |
|      |           |       |          |  |  |                       |           |
|      |           |       |          |  |  |                       | PROJECT   |

# *New Well Project*

*West Liberty Well No. 2 and Powerhouse Improvements Project  
Weekly Progress Report*



**Installation of New Driveway**

# New Well Project

## West Liberty Well No. 2 and Powerhouse Improvements Project Weekly Progress Report

### PLANS FOR WELL #2 IMPROVEMENTS - PHASE 2 WEST LIBERTY, IOWA



PROJECT LOCATION

CITY OF WEST LIBERTY

VICINITY MAP  
NOT TO SCALE

#### DRAWING INDEX

| NO. | DRAWING TITLE                |
|-----|------------------------------|
| 1   | TITLE & INDEX                |
| 2   | NOTES                        |
| 3   | EXISTING AND DEMOLITION PLAN |
| 4   | PROPOSED FLOOR PLAN          |
| 5   | WALL DETAILS                 |
| 6   | DOOR DETAILS                 |
| 7   | ELECTRICAL PLAN              |



#### GENERAL NOTES

1. ALL ELEVATIONS ARE TO NAVD 88 DATUM.
2. ALL NORTHING AND EASTING COORDINATES ARE TO IAD 83, IOWA STATE PLANE COORDINATE SYSTEMS - SOUTH ZONE (1402) / NORTH ZONE (1401).
3. CONFIRM LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AS REQUIRED TO ELIMINATE CONFLICTS PRIOR TO CONSTRUCTION. ALLOW UTILITY PERSONNEL TO RELOCATE UTILITIES WHERE CONFLICTS OCCUR.
4. DO NOT INTERRUPT EXISTING UTILITIES OR INDIVIDUAL SERVICES UNLESS DIRECTED BY ENGINEER.
5. LOCATIONS OF CONSTRUCTION LIMIT LINES SHOWN ON PLANS ARE APPROXIMATE. CONFINE ALL CONSTRUCTION OPERATIONS, INCLUDING ACCESS TO WORK, TO CONSTRUCTION LIMITS.

#### PROTECTION OF VEGETATION

TREES AND OTHER VEGETATION WHICH MAY BE REMOVED ARE MARKED WITH AN "X" OVER THE APPROPRIATE SYMBOL. FOR EXAMPLE, "O1X" INDICATES THE REMOVAL OF A 12" TREE. REPLACEMENT, BY CONTRACTOR, OF THESE ITEMS IS NOT REQUIRED. TUNNEL, INSTALL TIGHT SHEETING, HAND EXCAVATE OR EMPLOY OTHER MEANS APPROVED BY ENGINEER TO PROTECT EXPOSED PORTIONS AND ROOT SYSTEMS OF TREES AND OTHER VEGETATION NOT SCHEDULED FOR REMOVAL. IF TREES AND OTHER VEGETATION NOT SCHEDULED FOR REMOVAL ARE DAMAGED DURING CONSTRUCTION, REPLACE IN KIND AND SIZE AT NO COST TO CITY OR PROPERTY OWNER.

|   |                   |  |
|---|-------------------|--|
| I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT HAS BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA. |                   |  |
| DATE  | 4/14/2023         |  |
| NAME  | DAVID J. JONES    |  |
| LICENSE NUMBER  | 23240             |  |
| MY LICENSE EXPIRES DATE IS  | DECEMBER 31, 2023 |  |
| ALL RIGHTS RESERVED   |                   |  |
| TWO OF THESE SHEETS COVERED BY THIS SEAL  |                   |  |

|   |                   |  |
|---|-------------------|--|
| I HEREBY CERTIFY THAT THE ENGINEERING DOCUMENT HAS BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA. |                   |  |
| DATE  | 4/14/2023         |  |
| NAME  | J. L. ROBINSON    |  |
| LICENSE NUMBER  | 27122             |  |
| MY LICENSE EXPIRES DATE IS  | DECEMBER 31, 2023 |  |
| ALL RIGHTS RESERVED   |                   |  |
| TWO OF THESE SHEETS COVERED BY THIS SEAL  |                   |  |

| DATE | REVISIONS | SCALE    | AS NOTED |
|------|-----------|----------|----------|
|      |           | AS SHOWN |          |
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|      |           |          |          |
|      |           |          |          |



WELL #2 IMPROVEMENTS - PHASE 2  
CITY OF WEST LIBERTY

1300 29th Avenue • Rock Island, Illinois 61201  
309-786-7500 • 309-787-0966(FAX) • 877-341-4210(WATS)

TITLE & INDEX

1

PROJECT 54918