APPLICATION/PERMIT TO CONSTRUCT, OPERATE AND MAINTAIN UTILITY FACILITIES ON HIGHWAY RIGHT-OF-WAY

Wisconsin Department of Transportation

DT1553 7/2017 s. 66.0831, 84.08, 85.15, 86.07(2)(a), 86.16, 182.017 and other applicable Wis. Stats.

1. Applicant (Utility facility owner) Name and Address

WE ENERGIES
P.O.BOX 1699
APPLETON, WI 54912-1699

2. Work Start Date: 5/4/2020

3. Work Finish Date★: 10/29/2021

4. Is the work due to a WisDOT highway project?

☒ Yes ☐ No

5. Applicant Work Order (If any)

4459680,4459694, and 4459720

6. Location Description (¼ section, section, town, range; provide plat and/or location maps)

SW1/4 Sec.04 T22N R16E

7. Work Location (List all that apply)

Town: Ellington/Greenville
Village:
City:
County: Outagamie

8. Highway (List all that apply)

WIS: STH 15
US:
Interstate:

9. Facility Type (Check all that apply) and Description (Size, material, voltage, pressure, # fibers, etc.)

☐ Comm:
☐ Electric:
☒ Gas/Oil: 50psig/60psig
☐ Water:
☐ Sewer:
☐ Casing:
☐ Conduit:
☐ :

☐ Transmission ☐ Service
☒ Distribution ☒ Service (ESCP)

10. Facility Orientation (Check all that apply)

☒ Underground ☐ Overhead
☒ Crossing ☒ Parallel
☐ OSOW high clearance route
☐ Structure attachment
☐ Scenic easement (Off right-of-way)

11. Work Types (Check all that apply)

☐ New facility ☐ Remove
☐ Joint install ☐ Maintenance
☒ Improve or repair existing ☒ Discontinue, left in place

12. Proposed Work Methods (Check all that apply)

☒ Trench ☐ Plow
☐ Place fill ☐ Rock blasting
☐ Place cable in conduit ☐ Open cut pavement
☐ Hand/mechanical excavation

Bore:
☐ Hydraulic (Auger/Jack/Tunnel)
☐ Pneumatic (Mole)
☒ Directional 1 (Manually tracked)
☐ Directional 2 (Computer tracked)
☐ Unknown (At this time)

Install or attach to poles/towers:
☐ New ☐ Existing ☐ Guys

(~Diameter) (Name of existing owner)
(Provide details for all guy-wires on plan sheets)

Pothole (Subsurface excavation):
☐ Air ☒ Water

Tree/vegetation control:
☐ Trim (Prune) ☐ Plant
☐ Remove (Cut) ☐ Mow
☐ Chemically treat

13. Work Zone Description (Check all that apply). (Provide relevant diagram(s) with application.)

☐ Not applicable
☐ Full road closure: detour
☐ Full road closure: temporary
☐ Lane closure: without flagging
☐ Lane closure: with flagging
☒ Lane encroachment (2 feet or less)
☐ Intersection/roundabout
☒ Shoulder/parking lane closure
☐ Railroad crossing

Freeway/expressway location
☐ Off shoulder: < 30' off white line
☐ Off shoulder: ≥ 30' off white line
☐ Near right-of-way line or fence

Non-freeway/expressway location
☐ Off shoulder: < 15' off white line
☐ Off shoulder: ≥ 15' off white line
☐ Back of curb: < 2' behind
☐ Back of curb: ≥ 2' behind

14. Is the facility near a survey monument? HMM 09-15-35
If yes, call (866) 568-2852 or email geodetic@dot.wi.gov.

☐ Yes ☒ No

15. Will appurtenances be installed with the facility? If yes, provide a description and/or specification for each item.

☐ Yes ☒ No

16. Trans 401 project designation?
If Major, provide a formal erosion control plan. HMM 09-15-55

☐ Major ☒ Minor

17. Are any environmental approvals, certifications or permits required from other regulatory agencies, including tribal governments? If yes, provide a copy of each item. If no, provide proof of other agency coordination as needed.

☒ Yes ☐ No

★ **Includes permanent restoration. If the permitted work has not started by the "Work Finish Date", this permit is null and void. If the permitted work has started, but has not been completed by the "Work Finish Date", the work shall not be completed unless authorized through an approved written time extension or a subsequent permit.** ***ANY PERMIT ISSUED IS REVOCABLE.***

18. Utility Person Responsible for Construction — Telephone Number

Greg Smedema- Operation Supervisor — 920-380-3569

19. Utility or Project 24/7 Emergency Contact — Telephone Number

We energies Emergency Hotline — 800-261-5325

It is understood and agreed that WisDOT approval is subject to the applicant's full compliance with all pertinent statutes, as well as any regulations and rules of other jurisdictional agencies (which may be more restrictive), any supplemental permit provisions, and WisDOT's *Utility Accommodation Policy*, current edition.

20. Provide company name and address of utility authorized representative if not employed by the applicant.

Cody Beckman — 3/6/2020
(Utility Authorized Representative Signature – If filled via computer, brush script font) (Date)

Designer — 920-380-3422 — cody.beckman@we-energies.com
(Title) (Telephone Number) (Email Address)

21. Provide additional work details, if needed (use back page or include separate pages)

It is We energies intent to perform all of the gas facility relocations in the year 2020. There are four total work requests three under one permit one under a separate permit. See back page for work request list and areas.

This permit does not transfer any land, or give, grant or convey any land right, right in land, or easement in WisDOT right-of-way. It is not assignable or transferrable. If a utility facility changes ownership, this permit terminates. The new owner must obtain a permit in order to operate and maintain the facility in WisDOT right-of-way.

⬇ For Wisconsin Department of Transportation Use Only ⬇

☒ **UTILITY SHALL NOTIFY WISDOT REPRESENTATIVE LISTED BELOW 3 DAYS BEFORE STARTING ANY WORK:**
Region contact, office address, telephone number and email address

Linda Skaleski
WisDOT, Northeast Region
944 Vanderperren Way
Green Bay, WI 54304
920-492-4166
dotdtsdneutilitycoordination@dot.wi.gov

☒ **Review All Supplemental Permit Provisions**
☒ **Revisions Made to Drawings or Other Pages**
☒ Lane Closure System notification required HMM 09-15-60
☐ Insurance or performance bond required
☐ Joint installation: See permit(s) #
☐ Private utility (Non-public ownership and/or use)
☐ Expedited Service Connection Permit
☐ This permit voids & supersedes # issued:
☐

Application Received	3/26/2020
Application Completed	
Permit Issued	
Permit Extended	
Permit Amended	
Permit Number	**2020132**

1146-75-72

APPLICATION/PERMIT TO CONSTRUCT, OPERATE AND MAINTAIN UTILITY FACILITIES ON HIGHWAY RIGHT-OF-WAY *(continued)*

Wisconsin Department of Transportation DT1553

(WisDOT Improvement Project ID Numbers, if applicable) (WisDOT Authorized Representative Signature – If filled via computer, Brush Script font)

Use this section to provide information that does not fit on front page

This work for State ID 1146-75-72 is to be performed under work requests:
4459694 for STH 15 from Greendale Road to Manley Road
4459680 for the intersection of North Road and STH 15
4459720 for STH 15 form Julius Drive to Lily of the Valley Road

INDEMNIFICATION

This Applicant shall save and hold the State, its officers, employees, agents, and all private and governmental contractors and subcontractors with the State under Chapter 84 Wisconsin Statutes harmless, as allowed by Wisconsin law, from actions of any nature whatsoever (including any by Applicant itself) which arise out of, or are connected with, or are claimed to arise out of or be connected with any of the work done by the Applicant, or the construction or maintenance of facilities by the Applicant, pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way, (1) while the Applicant is performing its work, or (2) while any of the Applicant's property, equipment, or personnel, are in or about such place or the vicinity thereof, or (3) while any property constructed, placed or operated by or on behalf of Applicant remains on the State's property or right-of-way pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way; including without limiting the generality of the foregoing, all liability, damages, loss expense, claims, demands and actions on account of personal injury, death or property loss to the State, its officers, employees, agents, contractors, subcontractors or frequenters; to the Applicant, its employees, agents, contractors, subcontractors, or frequenters; or to any other persons, whether based upon, or claimed to be based upon, statutory (including, without limiting the generality of the foregoing, worker's compensation), contractual, tort, or whether or not caused or claimed to have been caused by active or inactive negligence or other breach of duty by the State, its officers, employees, agents, contractors, subcontractors or frequenters; Applicant, its employees, agents, contractors, subcontractors or frequenters; or any other person.

Without limiting the generality of the foregoing, the liability, damage, loss, expense, claims, demands and actions indemnified against shall include all liability, damage, loss, expense, claims, demands and actions for damage to any property, lines or facilities placed by or on behalf of the Applicant pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way in the past or present, or that are located on any highway or State property or right-of-way with or without a permit issued by the State, for any loss of data, information, or material; for trademark, copyright or patent infringement; for unfair competition or infringement of personal or property rights of any kind whatever. The Applicant shall at its own expense investigate all such claims and demands, attend to their settlement or other disposition, defend all actions based thereon and pay all charges of attorneys and all other costs and expenses of any kind arising from any such liability, damage, loss, claims, demands and actions.

Any transfer, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit shall not release Applicant from any of the indemnification requirements of this permit, unless the State is notified of such transfer in writing. Any acceptance by any other person or entity, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit, shall include acceptance of all of the indemnification requirements of this permit by the other person or entity receiving ownership or control.

STANDARD SUPPLEMENTAL PERMIT PROVISIONS

For Wisconsin Department of Transportation Utility Facility Permits

Acronyms used in this document:
- BMPs: Best Management Practices
- R/W: Right-of-Way
- *UAP: Utility Accommodation Policy*
- *HMM: Highway Maintenance Manual*
- WisDOT: Wisconsin Department of Transportation

1. **GENERAL WORK REQUIREMENTS**

   - As required by Wisconsin Statute 182.0175, when filing your Diggers Hotline request ensure that this WisDOT Permit Number is in the Remarks Section of the Diggers Hotline Ticket.
   - The Permittee shall bore under all driveways, private entrances, wetlands, culverts, and all roadways.
   - The Permittee is responsible for obtaining any permits from the Department of Natural Resources, or any other agency that may have an interest in the area impacted by the construction of the utility facility.

2. **WORK DUE TO A WISDOT HIGHWAY PROJECT.** This approved permit constitutes acceptance that the work in this permit is compatible with permit requirements. This approved permit is NOT a Work Plan Approval/Start Work Notice as required by Trans 200.05(07). This approved permit is NOT a Work Plan Approval/Start Work Notice for a non-Trans 220 project. This approved permit does NOT approve or authorize an agreement between WisDOT and the Permittee for compensable work due to a WisDOT highway project.

3. **PERMIT TERM.** For as long as the Permittee continues to own, operate and maintain this utility facility within WisDOT R/W in accordance with the terms of its permit and WisDOT's *UAP*, this permit shall be valid.

4. **REVOCATION BY WISDOT.** WisDOT may revoke this permit if its own use of the R/W would be facilitated by the full or partial relocation of the Permittee utility facility, and shall provide the Permittee with written notice prior to revocation. At which time WisDOT shall work with the Permittee to find a suitable replacement area on R/W near the terminated location if possible. WisDOT shall not compensate the Permittee to move its utility facility in keeping with WisDOT's policy on compensable / non-compensable utility facility moves.

5. **TERMINATION BY PERMITTEE.** The Permittee may terminate this permit upon 60 days written notice to WisDOT. Upon such termination, the Permittee shall either remove its communication cable facility from the R/W, or abandon it in-place provided it does not constitute an environmental hazard.

6 **HOLIDAY WORK RESTRICTIONS for 2020.** The Permittee shall not work on January 1, May 25, July 3 & 4, September 7, and November 26, and December 25.

7. **WORK-TIME RESTRICTIONS.** Weekday work is from sunrise to sunset. Weekend work may be allowed upon prior approval from WisDOT. No work shall take place during nighttime hours unless authorized by WisDOT.

8. **TRAFFIC CONTROL.** All work zone traffic control will be in accordance with the Wisconsin Manual on Uniform Traffic Control Devices. Additional guidance is available from WisDOT through a booklet entitled, *Work Zone Safety, Guidelines for Construction, Maintenance, and Utility Operations* or from *HMM 09-15-60*.

9. **WORK AREA PROTECTION DURING NON-WORK TIMES.** The Permittee may store vehicles, equipment, or materials on the non-freeway R/W provided they are placed as close to the non-freeway R/W line as possible, but no less than 30 feet from the edge of the nearest travel lane. If vehicles, equipment, or materials must be parked or stored within an area that is less than 30 feet from the edge of the nearest travel lanes, appropriate temporary concrete or water-filled barriers, signing, and devices shall be utilized. The Permittee shall ensure that any excavations left open during non-work times are well marked and secured from public intrusion.

   The primary objective will be maintenance of a safe traffic and working environment. No operation shall to any extent pose any hazard neither to, nor in any manner influence traffic at any time.

   All vehicles used to conduct the work operations will be equipped with conspicuously visible roof-mounted revolving or strobe lights. These lights shall be in operation just prior to and during the time the work operations are being conducted. Hazard warning lights on the vehicles must also be operating.

10. **WORK RESTRICTIONS.** For the purposes of placement of these facilities, as stated with this permit request, the State security fence shall not be opened or damaged.

11. **CLEAR ZONE / DRAINAGE INTERFERENCE.** No topsoil or other excavated piles of soil shall be deposited in any manner that interferes with the clear zone or regular drainage patterns within the highway.

As much as possible, all equipment, operations, and spoil material should be situated or accomplished off of the highway.

12. **EROSION CONTROL.** The Permittee shall use the appropriate erosion control BMPs to contain soil directly at the site to prevent disturbed soil from getting into nearby waterways and wetlands. All appropriate erosion control devices shall be in place **prior to starting construction activities**. Temporary seeding shall be used as necessary after rough grading and before completion of the project. The Permittee shall ensure that erosion control BMPs used to protect restored areas remain in place until replacement vegetation achieves sustained growth.

The Permittee shall take all precautions necessary to prevent mud, dirt, or other debris from being deposited onto the shoulder or pavement of all access roads or highways. Any materials deposited on the shoulder or pavement shall be removed immediately. Ruts may remain as is if the Permittee is accessing the R/W from private property, but appropriate erosion control BMPs shall be used to contain disturbed soil at the site.

13. **R/W RESTORATION.** Upon completion of the project a variation of erosion control measures will be required to restore the area that has been disturbed allowing it to return to the manner it was in previous to the construction. All disturbed sites will require a seed mixture that includes a quick sprouting variety with fertilizer and mulch. Other possibilities that may have to be considered are Geotextile fabric, e-mat, and stone ditch checks.

The Permittee is responsible to assure that erosion control measures used to protect restored areas remain in place until replacement vegetation achieves sustained growth.

The basic drainage pattern of the highway shall remain undisturbed by the permitted work. Upon project completion, all spoils, debris, refuse, and waste resulting from the permitted work shall be removed from the work site. Should future maintenance work on the Permittee's utility facility result in the disturbance of the existing R/W, the Permittee shall restore the R/W to its original condition as soon as possible.

Any works or operations not in full compliance herewith shall justify an order by any inspecting officer of WisDOT to cease all further progress on the work, and to accomplish all restorations of disturbed areas, including full restorations of the pavement

Upon completion of the work, all disturbed areas shall be restored according to requirements stated in the Utility Accommodation Policy, HMM 09-15-65, and in a manner satisfactory to WisDOT

14. **NOTIFICATIONS / CONTACTS.** Notify Northeast Region permit coordinator/field inspector, by phone or email, three days prior to the start of construction. Notify Diggers' Hotline 800/242-8511 at least three working days prior to the start of any excavation. It is the obligation of the permittee to determine the location of, and avoid any damage to, the pre-existing lines and facilities of others.

15. **TREES.** Prevent the spread of oak wilt by treating all cut surfaces and abrasions sustained between April 1 and September 30 by healthy oak trees and saplings with a thorough application of tree paint immediately upon discovering a wound. Between these dates, also paint the cut surfaces of the stumps of all healthy oak trees and saplings immediately after cutting, whether remaining in place or grubbed.

This permit approves the installation of facilities as shown on the diagram provided. If the above assigned position is not feasible, an alternate location of facilities shall be approved prior to installing the facilities by contacting the permit coordinator approving the permit. If the facility is later discovered to be at a location other than that designated by the permit you may be required to relocate the facility at your expense.

This permit is subject to the attached drawings, these supplemental provisions, and WisDOT's Utility Accommodation Policy. New supplemental provisions may be added, or the existing ones deleted or amended in the future as different issues arise during the installation, operation and maintenance of the permittee's facilities.

3.3 Subsurface Utility Excavation (SUE)

WisDOT allows SUE as a necessary tool for accurate vertical location of utilities. Two methods are available: air (vacuum) and water (jetting). Within the pavement structure (lanes, shoulders, curb & gutter), use ***air*** SUE rather than water. Water may be allowed if the air method cannot penetrate frozen and/or densely compacted soil. Air or water SUE may be used in other R/W areas beyond the pavement structure. Table 1 below outlines the basic steps for SUE work.

Consult WisDOT prior to using water SUE. If WisDOT agrees to its use, check the SUE water jetting box on the permit application and show hole locations on a drawing. Submit ***before*** pavement condition pictures at each SUE hole with the permit application, and provide pictures of the fully restored holes ***after*** the job is completed. This provides WisDOT and the utility with documentation that the restoration was finished. Monitor the holes over the next few years, or until WisDOT is satisfied that no additional settling is occurring or until a new resurfacing or pavement replacement project is done. A utility must repair any SUE hole settlement (Figure 2).

Numerous pictures are not needed. But pictures should be taken from the same angle and distance for the before and after conditions, and be far enough away to provide some sort of perspective for the location (i.e., not right next to the hole). Take pictures with a digital camera so they can be sent electronically, or if taken with a conventional camera, scan and send to WisDOT in a .jpg or .pdf format. No pictures are required for air SUE.

Use round cores for SUE holes within the pavement structure. Round cores are preferred since they prevent stress cracks due to elimination of corners. The maximum size of a SUE hole is 12" in diameter in the wheel paths and a maximum of 16" in diameter outside the wheel paths. Beyond the pavement structure, the hole size may be larger (18”-24”) and square upon WisDOT approval.

Table 1: Basic SUE Steps

1)	Pavement is saw cut full depth, with a bit ranging from 12” to 16” in diameter; resulting in a “core”.
2)	The core is removed and saved for reuse (if structurally sound).
3)	A protective steel ring is placed to protect the edge of the opening from damage.
4)	Vacuum equipment is used to excavate compacted material from bottom of base course down to beneath utility facility.
5)	Utility work is performed (e.g., leak repair, service connection).
6)	Utility facility is protected with fine material.
7)	Self-mixing flowable fill material is placed from top of fine material to bottom of base course (fill is designed to be traffic-bearing in 90 minutes).
8)	Non-shrink grout is placed (grout is designed to be traffic-bearing in about 90 minutes).
9)	The removed core (or a generic equivalent replacement core) is placed in the remaining opening (original alignment and orientation is maintained if removed core is used) forcing the grout to the surface to fill the annular space and core extraction hole.
10)	The restored opening is sealed.

Figure 2: Improper SUE Restoration

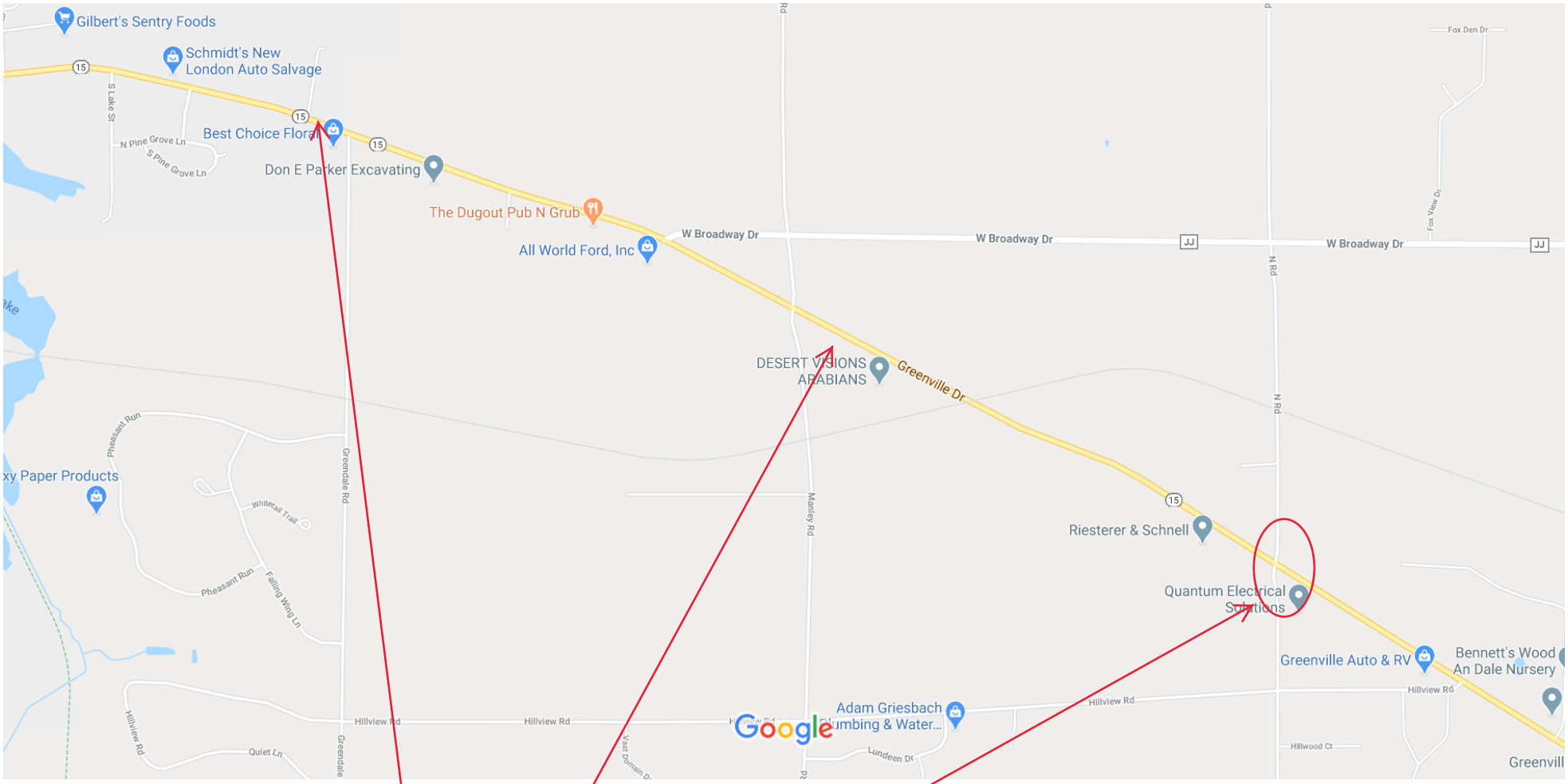
3.4 Non-Metallic Lines

Any non metallic pipe, cable or other kind of utility line which lacks a continuous and integral metallic component capable of detection by locating instruments shall be accompanied in its location by a continuous detectable metallic tracer wire or metallic tape.

3.5 Casing

Where crossings by underground lines are encased in protective conduit or duct, the encasement shall extend at least two feet beyond the toe of slope or three feet beyond the ditch line. On curbed sections, it shall extend at least outside the outer curbs.

Google Maps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Schmidt's New London Auto Salvage
Best Choice Flora
Don E Parker Excavating
The Dugout Pub N Grub
All World Ford, Inc
W Broadway Dr
W Broadway Dr
W Broadway Dr
DESERT VISIONS ARABIANS
Greenville Dr
Riesterer & Schnell
Quantum Electrical Solutions
Greenville Auto & RV
Bennett's Wood An Dale Nursery
Adam Griesbach Plumbing & Water...
Hillview Rd
Hillview Rd
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Hillwood Ct
Lundeen Dr
Quiet Ln
Pheasant Run
Pheasant Run
Whitetail Trail
Falling Wing Ln
Greendale Rd
Manley Rd
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Fox Den Dr
Fox View Dr
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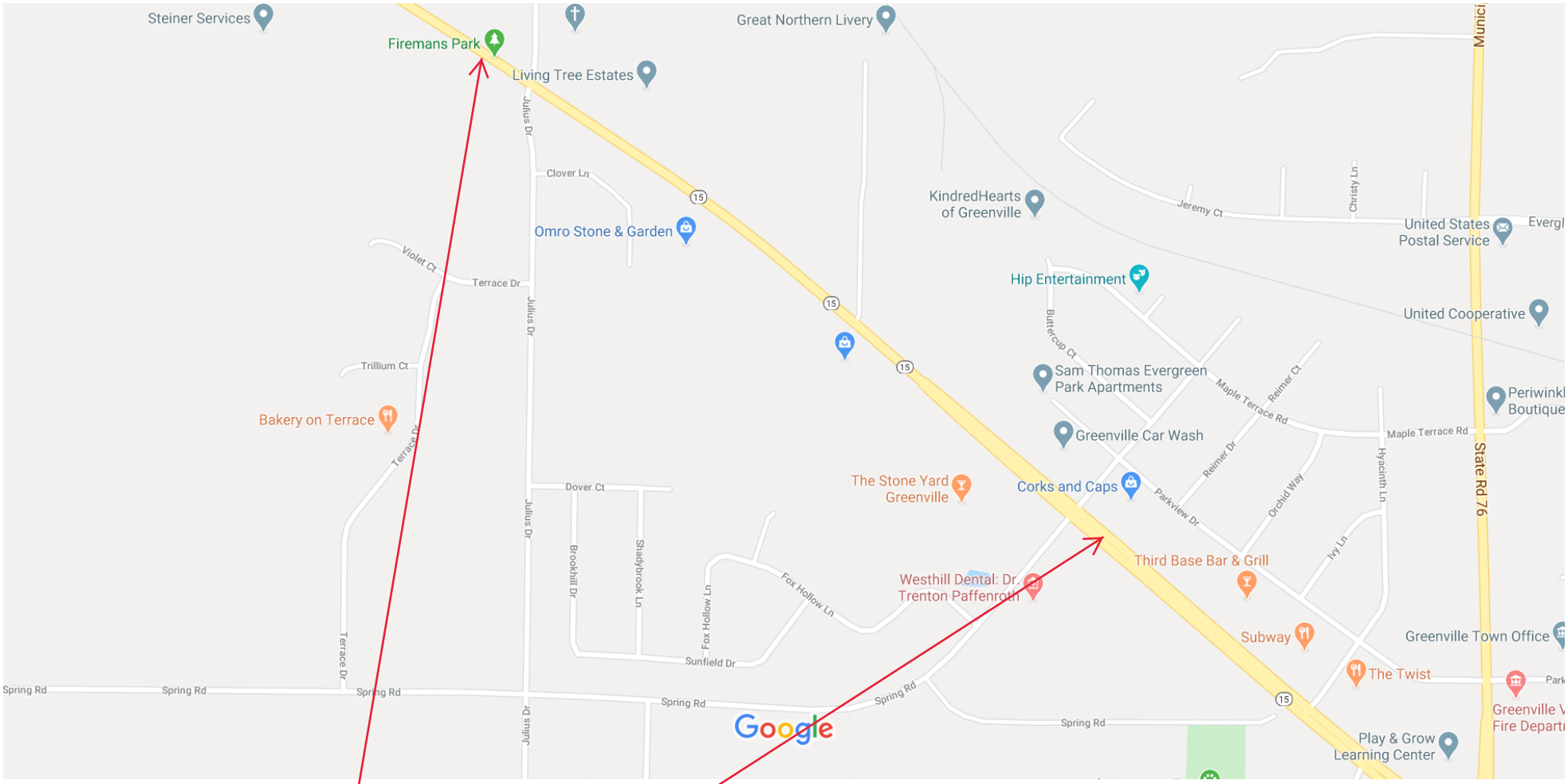
Google Maps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Living Tree Estates
Great Northern Livery
Clover Ln
Omro Stone & Garden
KindredHearts of Greenville
Jeremy Ct
Christy Ln
United States Postal Service
Violet Ct
Terrace Dr
Hip Entertainment
United Cooperative
Trillium Ct
Sam Thomas Evergreen Park Apartments
Maple Terrace Rd
Reimer Ct
Bakery on Terrace
Greenville Car Wash
Reimer Dr
Hyacinth Ln
Dover Ct
The Stone Yard Greenville
Corks and Caps
Parkview Dr
Orchid Way
Brookhill Dr
Shadybrook Ln
Fox Hollow Ln
Third Base Bar & Grill
Westhill Dental: Dr. Trenton Paffenroth
Ivy Ln
Subway
Greenville Town Office
Sunfield Dr
The Twist
Spring Rd
Play & Grow Learning Center
State Rd 76
Google
Map data ©2020
500 ft

GAS WORK REQUEST

4459694

☐ C ☒ T ☐ V: ELLINGTON

CUST/PROJ NAME: WiDOT ID 1146-75-72 / PART 1 - 60psig

PROJECT LOCATION: STH 15 - GREENDALE RD EAST TO C TH JJ & MANLEY RD FROM STH 15 TO CTH JJ

PREPARED BY: CODY BECKMAN

E-MAIL: cody.beckman@we-energies.com

OFFICE #: 920-380-3422 CELL #: 920-428-1038

PROJECT ID: WI4459694 IO #: MRO22501629

CGS #:

TYPE OF WORK:

☐ GDAM MAIN REPLACEMENT ☐ MAIN EXTENSION

☒ PAVING RELOCATION ☐ SERVICE

☐ OTHER

STAKING REQUIREMENTS:

☒ SURVEYOR ☐ STAKED

☐ DESIGNER ☐ NOT NEEDED

MAIN / SERVICE IN EASEMENT:

☐ YES ROW WR#

CORROSION CONTACT: JIM DAVIS

PHONE #: 414-221-3646

RESTORE PRIVATE PROPERTY: ☒ WE ENERGIES ☐ CUSTOMER

RAILROAD PERMITTING/FLAGGING REQUIRED ☐ YES ☒ NO

RR NAME NA

MAIN SIZE, MAT'L, FT	INSTALL METHOD & FOOTAGE	
4" PE 7321'	TRENCH 4452'	BORE 2869'

RELATED WR's

MAIN RETIREMENT WR 4459713 FOOTAGE 6159'

SERVICE REPLACEMENT WR 4459711 NO. 7

SERVICE RECONNECT WR 4459710 NO. 7

JOB INFO:

SECTION / TOWN / RANGE: SW1/4 SEC31, T22N, R16E

SITE VISIT COMPLETED BY: CODY BECKMAN

JOB OWNER: CODY BECKMAN

CRITICAL SAFETY RULES - GO:

1. Confined space procedures
2. Excavation and shoring
3. Live gas emergency procedures
4. Lock out - Tag out
5. Seat belts
6. Securing parked vehicles

CONTINGENCIES & COMMENTS:

DIGGERS HOTLINE REQUIRED.

WE ENERGIES WILL RESTORE

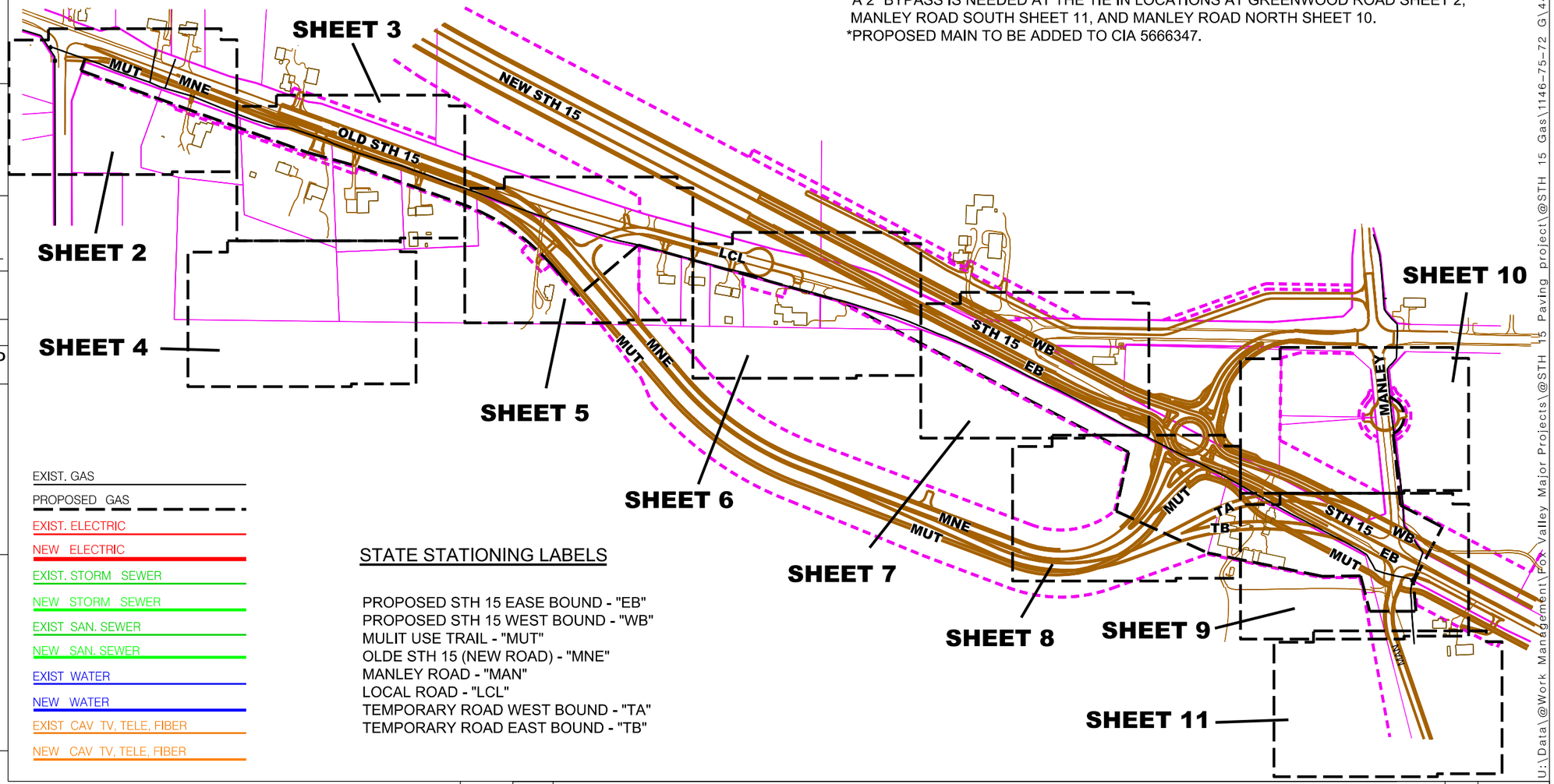
WE ENERGIES WILL NOT HAUL SPOIL

CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION.

WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

CONSTRUCTION REMARKS:

*PROPOSED MAIN TO INSTALLED 4' DEEP UNLESS NOTED ON THE SKETCH
*FIRST SECTION OF STATE PROJECT 1146-75-72 ON 60PSIG SYSTEM.
* A NEW ROUNDABOUT IS TO BE CONSTRUCTED FOR THE INTERSECTION OF STH 15 AND CTH JJ SOUTHEAST OF THE CURRENT INTERSECTION.
*A NEW ROAD IS TO BE CONSTRUCTED FROM THE NEW ROUNDABOUT TO CONNECT THE NEW STH 15 TO THE OLD STH 15 BETWEEN CTH JJ AND GREENDALE ROAD.
*MULTIPLE SETS OF STATE STATIONING ARE USED IN THIS ROAD PROJECT. SEE LIST OF STATIONING LABELS ON THIS PAGE.
*LARGE PORTIONS OF THIS MAIN RELOCATION ARE THROUGH FARM FIELDS. STATE STATIONING AND STAKING WILL BE REQUIRED PRIOR TO THE START OF CONSTRUCTION.
*A 2" BYPASS IS NEEDED AT THE TIE IN LOCATIONS AT GREENWOOD ROAD SHEET 2, MANLEY ROAD SOUTH SHEET 11, AND MANLEY ROAD NORTH SHEET 10.
*PROPOSED MAIN TO BE ADDED TO CIA 5666347.



EXIST. GAS
PROPOSED GAS
EXIST. ELECTRIC
NEW ELECTRIC
EXIST. STORM SEWER
NEW STORM SEWER
EXIST SAN. SEWER
NEW SAN. SEWER
EXIST WATER
NEW WATER
EXIST CAV TV, TELE, FIBER
NEW CAV TV, TELE, FIBER

STATE STATIONING LABELS

PROPOSED STH 15 EASE BOUND - "EB"
PROPOSED STH 15 WEST BOUND - "WB"
MULIT USE TRAIL - "MUT"
OLDE STH 15 (NEW ROAD) - "MNE"
MANLEY ROAD - "MAN"
LOCAL ROAD - "LCL"
TEMPORARY ROAD WEST BOUND - "TA"
TEMPORARY ROAD EAST BOUND - "TB"

EROSION CONTROL NOTES

☒ IF DISTURBANCE OCCURS IN SUMMER, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN WINTER, TEMPORARY STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. FINAL STABILIZATION IS REQUIRED IN SPRING.

☐ IF DISTURBANCE OCCURS WITHIN THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. IF DISTURBANCE OCCURS OUTSIDE THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED.

☐ IF DISTURBANCE OCCURS IN AGRICULTURAL FIELDS, SOIL SEGREGATION WILL NEED TO TAKE PLACE TO RETURN FIELDS TO PRE-CONSTRUCTION SOIL STRATIFICATION AND TO PRE-CONSTRUCTION ELEVATIONS.

☒ DEPENDING ON THE TIME OF YEAR AND WEATHER CONDITIONS, CONSIDER USING PLATES/MATS IN WETLANDS OR CROSSING DITCHES.

☒ STOCKPILE MATERIALS SHALL BE PLACED UPSLOPE FROM EXCAVATION. IF STOCKPILE MATERIALS MUST BE PLACED DOWNSLOPE OF EXCAVATION, PROTECT STOCKPILES WITH 12" WATTLES.

☒ PROJECT SPECIFIC EROSION CONTROL NOTES:

WR 4459694

REV.	DESCRIPTION	BY	DATE
0	DESIGN APPROVED FOR CONSTRUCTION	CB	

Printed 3/11/2020 10:23:58 AM

U:\Data\@Work Management\Fox Valley Major Projects\@STH 15 Paving project\@STH 15 Gas\1146-75-72 G\4459694\4459694 SKETC

GAS WORK REQUEST

4459694

N2598 – SHOP

ZIEGLER, MICHAEL W & JOAN A

BANKER, MARK L

BECKMAN PLAT OF SURVEY

SEPC

WEYERS, ARNOLD

PIN 080077600
ARNOLD J. WEYERS & MARY S. WEYERS
DOC. 972975

LATENT AMBIGUITY IN DEED

ITEM NO.	DESCRIPTION
1	TEE, PE MED VOLUME 3" X 2"
2	CLAMP, 3" IPS SUPPORT
3	REDUCER, 4IPS BUTT X 3IPS BUTT
4	ELL, 4" IPS 90 DEG. BUTT FUSE
5	CAP, 3" IPS BUTT FUSION END
6	TEE, PE MED VOLUME 3" X 2"
7	ELL, 4" IPS 90 DEG. BUTT FUSE
8	POST, TYPE #3 CONTROL PT #204815
9	ANODE, 1LB. MAGNESIUM (2)
10	SQUEEZE POINT

12" WATTLES MUST BE PLACED BETWEEN THE EXCAVATION AND THE WATERWAY

10' UTILITY EASEMENT J17042/111

349 TA

250 MNE 350 TA

351 TA

252 MNE

352 TA

353 TA

254 MNE

354 TA

355 TA

256 MNE

357 TA

SIGN

SIGN

GUY

VC0651

3" PE 60D 96 73723
1 WAY FEED

945 MUT

946 MUT

947 MUT

948 MUT

949 MUT

950 MUT

951 MUT

952 MUT

CAUTION

VC0590

SEE DETAIL THIS PAGE

PROPOSED 4" PE 8'

2" BYPASS

ABDN

N2592 RPL 1/2" PE 742284

N2588 RPL 5/8" PE 878726

RETIRE TP 129797 REMOVE TEST BOX AND ALL WIRES.

129797

PROPOSED 4" PE 46'

PROPOSED 4" PE BORE 441'

PROPOSED 4" PE BORE 521'

TPP 6434-06-00-4.10

130'

80'

50'

ENV 8, 27

BORE PIT

WETLAND BOUNDRY

WATERWAY

STH 15

4" PE 60D 98 76048
1 WAY FEED

3" PE 60D 96 73723
1 WAY FEED

3" PE 60D 94 70890
2 WAY FEED

GREENDALE RD

101

105

111

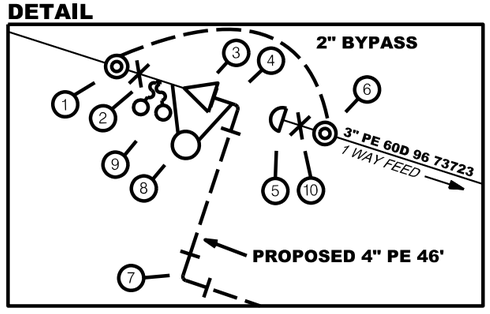
66'

33'

33'

NOTE: LABLE THE CONTROL POST AT POINT 8 #204815
***BRING NEW AND EXISTING PE TRACER WIRES INTO THE TEST POST ALONG WITH 2X1# ANODE WIRES.**
***ATTACH THE ANODE WIRE TO THE EXISTING PE TRACER WIRE, ATTACH AN ANODE WIRE TO THE NEW PE TRACER WIRE.**
***KEEP THE NEW PE TRACER WIRE SEPARATED FROM THE EXISTING PE TRACER WIRE.**
***LABEL EACH WIRE WITH MATERIAL AND DIRECTION.**

DETAIL



GRIESBACH, MICHAEL R

PIN 080077800
PATRICK & DAWN MCNICHOLS
DOC. 1981571
ZEMPLE, DENNIS H & LOIS

LOT 2 CSM 5287 V30/P5287 DOC. 1697097

PIN 080077802
WAYNE V. GERDTS & ZELLA J. GERDTS
DOC. 1583255
LC DOC. 1850354
GERDTS, WAYNE V & ZELLA J

FRAC. SW-SW SEC. 31, T22N, R16E

N2587 – SHOP T&R 5/8" PE 878722

MH

SEPV

LOT 1 CSM 52[illegible]

SHEET 3

Printed 3/11/2020 10:23:59 AM

SCALE 1" = 50 '

SHEET 2 OF 13

GAS WORK REQUEST

4459694

LEMKE, ALVIN H JR

N2576
RPL
1" PE
4132283

SE-SW
SEC. 31, T22N, R16E

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 45 DEG. BUTT FUSE
2	ELL, 4" IPS 45 DEG. BUTT FUSE

SHEET 2

GUY

GUY

258 MNE

WETLAND BOUNDRY

358 TA
953 MUT

WATERWAY

260 MNE

WETLAND BOUNDRY

359 TA
954 MUT

UTILITY EASEMENT V953/P383

955 MUT
360 TA

4" PE 60D 98 76048
T WAY FEED

PROPOSED 4" PE BORE 521'

R/W

OLD SANITARY TANK AREA

MH SEPV

MH

FLAG

APPROX. NEW SANITARY TANK AREA

W

W

5'

ENV
8, 27

ENV
8, 27

ENV
8, 27

PROPOSED 4" PE 167'

PROPOSED 4" PE BORE 17' DRIVEWAY

SEPV

PARKER, DON E
LATENT
AMBIGUITY
IN DEED

PIN 080077900
DON E. PARKER & MARGARET A. PARKER
DOC. 946939

TANKS

SHEET 4

SCHWOBE, DOUGLAS J & BRENDA K

N2569
T&R
1" PE
3473740

MH MH

LATENT AMBIGUITY
IN DEED

PIN 080078500
DOUGLAS J. SCHWOBE & BRENDA K. SCHWOBE
DOC. 1368952

T&S 5' UTILITY EASEMENT J17042/113

R/W

262 MNE

956 MUT
361 TA

362 TA
957 MUT

363 TA
958 MUT

70'

264 MNE

STH 15

TPP 6430-06-00-4.10

364 TA
959 MUT

4" PE 60D 98 76048
T WAY FEED

365 TA
960 MUT

266 M

SIGN

SEPV

CAUTION

1

2

PROPOSED 4" PE 180'

PROPOSED 4" PE 32'

PROPOSED 4" PE BORE 45' DRIVEWAY

WELL AGREEMENT

V656/P529

PROPOSED 4" PE 157'

R/W

5'

WYNBOOM, KENNETH R

N2561
T&R
5/8" PE
902844

MH

LATENT AMBIGUITY
IN DEED

PIN 080078600
KENNETH R. WYNBOOM & THOMAS L. WYNBOOM
DOC. 1978380

SHEET 5

SCALE 1" = 50 '

SHEET 3 OF 13

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GAS WORK REQUEST

4459694

SHEET 3

N

N2573
T&R
1" PE
4157214

PIN 080078500
DOUGLAS J. SCHWOBE & BRENDA K. SCHWOBE
DOC. 1368952

PARKER, DON E
LATENT
AMBIGUITY
IN DEED

PIN 080077900
DON E. PARKER & MARGARET A. PARKER
DOC. 946939

PARKER, DON E & MARGARET

YOUNG, RUTH M

ZEMPLE, DENNIS H & LOIS

YOUNG, RUTH M

TOWN

Printed 3/11/2020 10:24:01 AM

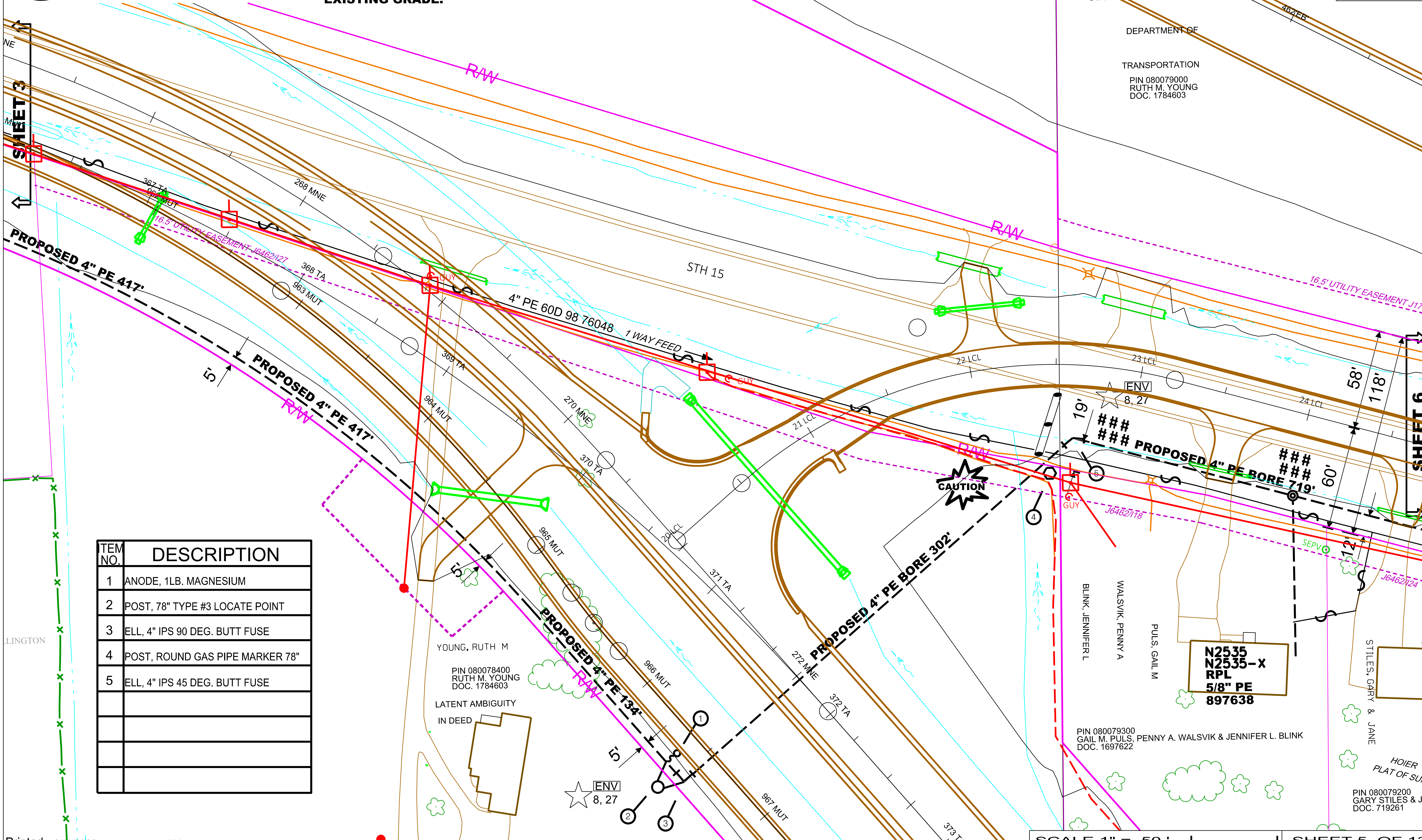
SCALE 1" = 50 '

SHEET 4 OF 13

GAS WORK REQUEST

4459694

PROPOSED MAIN FROM STATION 22+43 EAST TO 134' PAST STATION 29+00 IS TO BE INSTALLED AT A DEPTH OF 5' FROM EXISTING GRADE.



PIN 080078200
JOAN M. JOSSART SURVIVOR'S TRUST U/A/D MAY 5, 1988
DOC. 1749135
STATE OF WISCONSIN
DEPARTMENT OF
TRANSPORTATION
PIN 080079000
RUTH M. YOUNG
DOC. 1784603
N
R/W
STH 15
SHEET 3
SHEET 6
PROPOSED 4" PE 417'
PROPOSED 4" PE 134'
PROPOSED 4" PE BORE 302'
PROPOSED 4" PE BORE 719'
4" PE 60D 98 76048
1 WAY FEED
16.5' UTILITY EASEMENT J6462/I27
16.5' UTILITY EASEMENT J1704
CAUTION
ENV
8, 27
YOUNG, RUTH M
PIN 080078400
RUTH M. YOUNG
DOC. 1784603
LATENT AMBIGUITY
IN DEED
BLINK, JENNIFER L
WALSVIK, PENNY A
PULS, GAIL M
N2535
N2535-X
RPL
5/8" PE
897638
PIN 080079300
GAIL M. PULS, PENNY A. WALSVIK & JENNIFER L. BLINK
DOC. 1697622
STILES, GARY & JANE
HOIER
PLAT OF SURV
PIN 080079200
GARY STILES & JAN
DOC. 719261
SCALE 1" = 50'

ITEM NO.	DESCRIPTION
1	ANODE, 1LB. MAGNESIUM
2	POST, 78" TYPE #3 LOCATE POINT
3	ELL, 4" IPS 90 DEG. BUTT FUSE
4	POST, ROUND GAS PIPE MARKER 78"
5	ELL, 4" IPS 45 DEG. BUTT FUSE

Printed 3/11/2020 10:24:01 AM

GAS WORK REQUEST

4459694

PROPOSED MAIN FROM STATION 22+43 EAST TO 134' PAST STATION 29+00 IS TO BE INSTALLED AT A DEPTH OF 5' FROM EXISTING GRADE.

N

SHEET 5

SHEET 7

466 EB

468 WB

468 EB

470 WB

470 EB

472 EB

WATTERS, DAVID

PIN 080078900
DAVID WATTERS
DOC. 1748718

ELLINGTON

34

471

471

STH 15

25 LCL

26 LCL

27 LCL

28 LCL

29 LCL

TPP 6430-06-00-4.10

R/W

16.5' UTILITY EASEMENT J6354/144

J6462/130

J6462/121

120'

60'

60'

12'

12'

12'

5

5

1 WAY FEED

GUY

CAUTION

PROPOSED 4" PE BORE 719'

FLAG

4" PE 60D 98 76048
1 WAY FEED

16.5' UTILITY EASEMENT

ENV
8, 27

SIGN

BILLBOARD

PROPOSED 4" PE 1228'

4" PE 60D 98 76048
1 WAY FEED

PROPOSED 4" PE 1228'

N2531
RPL
5/8" PE
896880

N2527

N2519
RPL
5/8" PE
896920

N2519– TAV
RPL
3/4" PE
896926

PIN 080079400
REGINA HOIER
DOC. 1903245

HOIER, REGINA

PIN 080079100
RJR VENTURES, LLC
DOC. 1928357

RJR VENTURES LLC

PIN 080079500
RJR VENTURES, LLC
DOC. 1928357

RJR VENTURES LLC

SEPC

SEPV

E STILES

A/C

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SCALE 1" = 50 '

SHEET 6 OF 13

GAS WORK REQUEST

4459694

ITEM NO.	DESCRIPTION
1	POST, ROUND GAS PIPE MARKER 78"

N

SHEET 6

R/W

TPP 6430-06-00-4.09

STH 15

473

474 WB

GUY

475

474 EB

476 WB

476 EB

477

478 WB

478 EB

479

480 WB

480 EB

481

481 EB

38

40

42

UTILITY EASEMENT J6354/I44

50'

100'

50'

UTILITY EASEMENT

J18525/I7

STATE OF WIS

DEPT OF TRANS

PIN 110019601
STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION
DOC. 1963657

STATE OF WISCONSIN

DEPARTMENT OF

TRANSPORTATION

W8171

6' UTILITY EASEMENT DOC. 1248584

4" PE 60D 98 76048
1-WAY FEED

PROPOSED 4" PE 1228'

SEPC

POST

WSDV

RIPRAP

ALL WORLD FORD
(STP PROPERTIES LLC)

N2484
T&R
2" PE
4276456

SHEET 8

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SCALE 1" = 50 '

SHEET 7 OF 13

GAS WORK REQUEST

4459694

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 4" IPS 45 DEG. BUTT FUSION
4	POST, 78" TYPE #3 LOCATE POINT
5	ELL, 4" IPS 90 DEG. BUTT FUSION
6	POST, ROUND GAS PIPE MARKER 78"
7	ELL, 4" IPS 45 DEG. BUTT FUSION
8	ANODE, 1LB. MAGNESIUM

SHEET 7

PROPOSED 4" PE 1228'

PROPOSED 4" PE 179'

PROPOSED 4" PE BORE 325'

PROPOSED 4" PE 93'

PROPOSED 4" PE 430'

4" PE 60D 98 76043 1 WAY FEED

4" PE 60D 98 76043 1 WAY FEED

TPP 6430-06-00-4.09

12" SEDIMENT LOGS

EROSION MAT IN SWALE

CAUTION

SIGN

SIGN

RAW

RAW

RAW

5'

5'

5'

5'

90'

167'

100'

50'

LOT 2
CSM 3444
V18/P3444
DOC. 1318485

PIN 110019606
PATRICIA H. JACK
DOC. 1966221

NE-NE
SEC. 6, T21N, R16E

FRAC.

STATE OF WISCONSIN
DEPARTMENT OF
TRANSPORTATION

STH 15

486 WB

486 EB

484

483

483

498 MNW

298 MNE

297 MNE

496 MNW

296 MNE

295 MNE

494 MNW
294 MNE

492 MNW

292 MNE

293 MNE

991 MUT

992 MUT

993 MUT

994 MUT

995 MUT

990 MUT

989 MUT

988 MUT

987 MUT

986 MUT

Mid: 992+68.79

12+00

13+00

14+00

19+00

399 TA

398 TA

397 TA

396 TA

395 TA

394 TA

393 TA

392 TA

391 TA

499 TB

498 TB

497 TB

496 TB

495 TB

SHEET 9

Printed 3/11/2020 10:24:04 AM

SCALE 1" = 50 '

GAS WORK REQUEST

4459694

SHEET 10

SHEET 8

SHEET 11

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 4" IPS 90 DEG. BUTT FUSION
4	POST, ROUND GAS PIPE MARKER 78"
5	TEE, 4" IPS BUTT FUSION
6	POST, 78" TYPE #3 LOCATE POINT
7	VALVE, 4" IPS PE V84585 CONVENIENT
8	VALVE, 4" IPS PE V84586 CONVENIENT
9	ELL, 4" IPS 45 DEG. BUTT FUSION
10	POST, ROUND GAS PIPE MARKER 78"
11	POST, ROUND GAS PIPE MARKER 78"
12	ELL, 4" IPS 90 DEG. BUTT FUSION
13	ELL, 4" IPS 45 DEG. BUTT FUSION
14	ANODE, 1LB. MAGNESIUM

***ABANDON AND REMOVE THE FACILITIES FOR CHECK POINTS 123392 AND 145699.**
***FOR THE NEW TYPE #3 LOCATE POINT - LABEL AND BRING UP A WIRE FROM THE NORTH, SOUTH, WEST AND ANODE.**
***BOND ALL WIRES.**

PIN 110019600
STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION
DOC. 1952566

CSM 6409
V38/P6409
DOC. 1938080

LOT 1

STH 15

MANLEY RD

PROPOSED 4" PE 255'

PROPOSED 4" PE 208'

PROPOSED 4" PE 430'

PROPOSED 4" PE 147'

PROPOSED 4" PE 131'

PROPOSED 4" PE BORE 279'

PROPOSED 4" PE BORE 171'

PROPOSED 4" PE BORE 219'

PROPOSED 4" PE 43'

4" PE 60D 98 76048
1 WAY FEED

3" PE 60D 98 76138
1 WAY FEED

3" PE 60D 98 76048
1 WAY FEED

TPP 6430-06-01-4.18

V84585

V84586

N2423
T&R
5/8" PE
897048

BORE PIT

CAUTION

ENV
8, 27

RAW

SCALE 1" = 50 '

SHEET 9 OF 13

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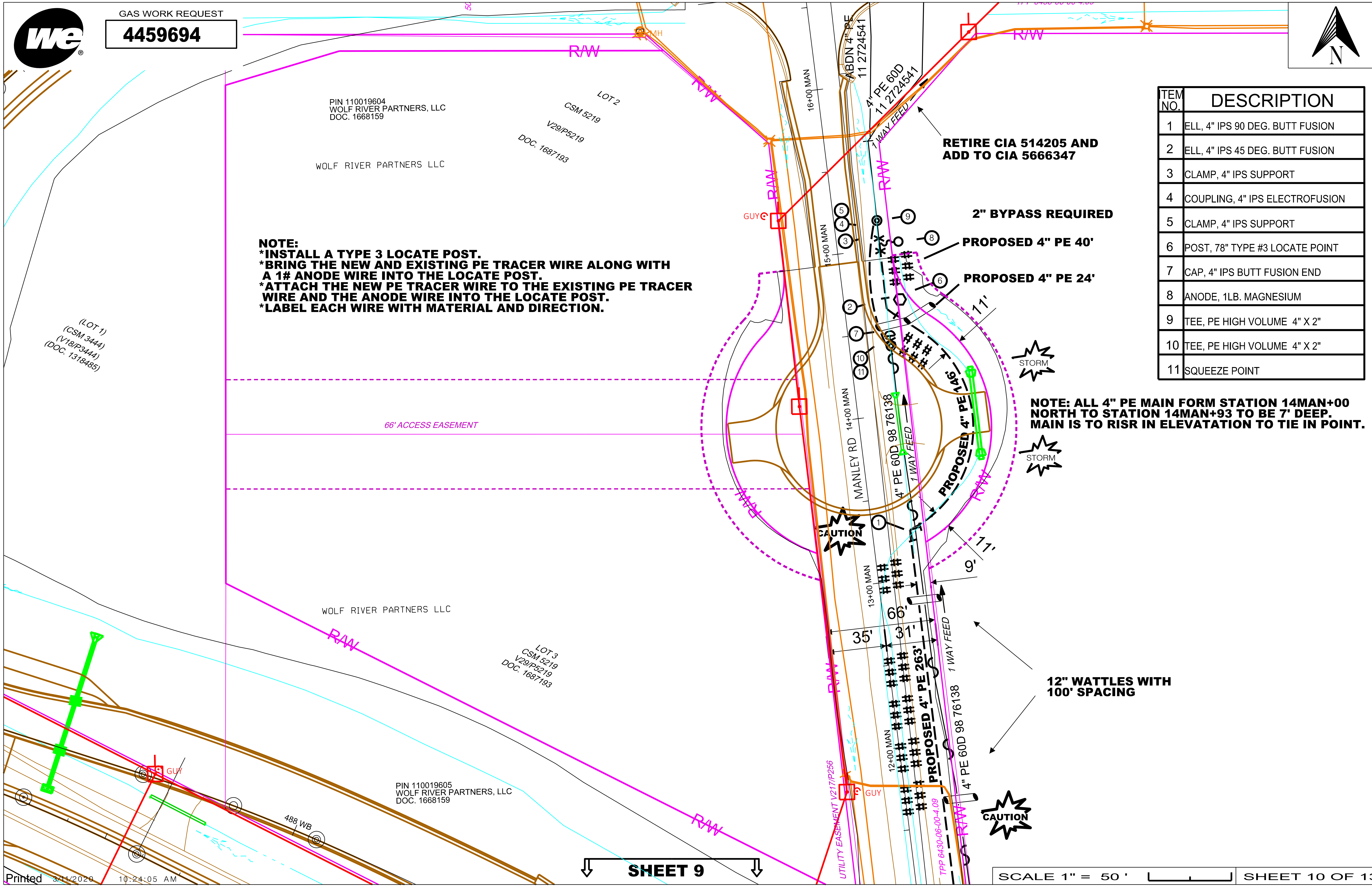

GAS WORK REQUEST
4459694
PIN 110019604
WOLF RIVER PARTNERS, LLC
DOC. 1668159
LOT 2
CSM 5219
V29/P5219
DOC. 1687193
WOLF RIVER PARTNERS LLC
(LOT 1)
(CSM 3444)
(V18/P3444)
(DOC. 1318485)
R/W
66' ACCESS EASEMENT
NOTE:
*INSTALL A TYPE 3 LOCATE POST.
*BRING THE NEW AND EXISTING PE TRACER WIRE ALONG WITH A 1# ANODE WIRE INTO THE LOCATE POST.
*ATTACH THE NEW PE TRACER WIRE TO THE EXISTING PE TRACER WIRE AND THE ANODE WIRE INTO THE LOCATE POST.
*LABEL EACH WIRE WITH MATERIAL AND DIRECTION.
ABDN 4" PE
11 2724541
4" PE 60D
11 2724541
1 WAY FEED
16+00 MAN
15+00 MAN
14+00 MAN
13+00 MAN
12+00 MAN
MANLEY RD
RETIRE CIA 514205 AND
ADD TO CIA 5666347
2" BYPASS REQUIRED
PROPOSED 4" PE 40'
PROPOSED 4" PE 24'
PROPOSED 4" PE 146'
PROPOSED 4" PE 263'
4" PE 60D 98 76138
STORM
CAUTION
11'
9'
66'
35'
31'
NOTE: ALL 4" PE MAIN FORM STATION 14MAN+00 NORTH TO STATION 14MAN+93 TO BE 7' DEEP. MAIN IS TO RISR IN ELEVATATION TO TIE IN POINT.
12" WATTLES WITH 100' SPACING
GUY
MH
WOLF RIVER PARTNERS LLC
LOT 3
CSM 5219
V29/P5219
DOC. 1687193
PIN 110019605
WOLF RIVER PARTNERS, LLC
DOC. 1668159
488 WB
UTILITY EASEMENT V2117/P256
TPP 6430-06-00-4.09
SHEET 9
N
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SCALE 1" = 50'
SHEET 10 OF 13

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	ELL, 4" IPS 45 DEG. BUTT FUSION
3	CLAMP, 4" IPS SUPPORT
4	COUPLING, 4" IPS ELECTROFUSION
5	CLAMP, 4" IPS SUPPORT
6	POST, 78" TYPE #3 LOCATE POINT
7	CAP, 4" IPS BUTT FUSION END
8	ANODE, 1LB. MAGNESIUM
9	TEE, PE HIGH VOLUME 4" X 2"
10	TEE, PE HIGH VOLUME 4" X 2"
11	SQUEEZE POINT

GAS WORK REQUEST

4459694

SHEET 9

N

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	ELL, 4" IPS 90 DEG. BUTT FUSION
3	CLAMP, 4" IPS SUPPORT
4	REDUCER, 4IPS BUTT X 3IPS BUTT
5	CLAMP, 3" IPS SUPPORT
6	CAP, 3" IPS BUTT FUSION END
7	ANODE, 1LB. MAGNESIUM
8	TEE, PE MED VOLUME 3" X 2"
9	TEE, PE MED VOLUME 3" X 2"
10	SQUEEZE POINT

15' DRIVEWAY EASEMENT DOC. 1967529

N2407
RPL
3/4" PE
918862

PIN 110019603
DEBORAH J. JACK
DOC. 1329583

JACK, DEBORAH J
LOT 3
CSM 3444
V18/P3444
DOC. 1318485

SEPV
SEPTIC
SEPC

PIN 110019901
GWEN A. BERGSBAKEN
DOC. 1792586

LOEWENHAGEN, GWEN A

N2395

LOT 3
CSM 5781
V33/P5781
DOC. 1787532

FLAG

LOT 2
CSM 5781
V33/P5781
DOC. 1787532

PIN 110019902
GARY T. HART & MARY L. HART
DOC. 1792585

MANLEY RD

3" PE 60D 98 76048

34+00 MAIN

33+00 MAIN

32+00 MAIN

31+00 MAIN

1 WAY FEED

106'

24'

72'

39'

3'

PROPOSED 4" PE BORE 218'

PROPOSED 4" PE 132'

PROPOSED 4" PE 106'

CAUTION

ENV
8, 27

PIN 110017100
JAMES D. DEMPSEY & JEANNE E. DEMPSEY
DOC. 1033444

DEMPSEY, JAMES D & JEANNE E

PLACE 2 12" SEDIMENT LOGS WITH 75' SPACING IN DITCH LINE

KAVANAUGH, DENNIS

THORPE, CYNTHIA

PIN 110017301
DENNIS KAVANAUGH & CYNTHIA THORPE
DOC. 1493997

2" BYPASS REQUIRED

PROPOSED 4" PE 25'

PROPOSED 4" PE 26'

12" SEDIMENT LOGS

NOTE: ATTACH THE NEW PE TRACER WIRE TO THE EXISTING TRACER WIRE WITH A 1# ANODE

RETIRE CIA 514203 AND ADD TO CIA 5666347

TRP 6430 06-09-1:08

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SCALE 1" = NA '

SHEET 11 OF 13

GAS WORK REQUEST

4459694

N2592 STH 15 SERVICE CROSSING APPROX. STATION 253MNE+50 SHEET 2

STATION	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50
OFFSET	RT 115'	RT 90'	RT 80'	RT 77'	RT 71'	RT 67'	RT 58'	0	LT 78'	LT 95'
TOP OF MAIN ELEVATION	813	811	808	807	807	807	807	807	809	812
APPROX DEPTH FROM EXISTING	3'	3'	5'	5.5'	5.5'	5.5'	3'	8.5'	3'	3'
LOCATION	TEE									
NOTES	SOUTH ROW	SLOPE INTERCEPT	E-COMM	P-DITCH S-EDGE	E-GAS	P-DITCH S-EDGE	E-DITCH	E-RL MNE	E-FIBER	NORTH ROW

N2588 STH 15 SERVICE CROSSING APPROX. STATION 254MNE+50 SHEET 2

STATION	254+50	254+50	254+50	254+50	254+50	254+50	254+50	254+50	254+50	
OFFSET	RT 115'	RT 92'	RT 77'	RT 73'	RT 65'	RT 56'	0	LT 33'	LT 50'	
TOP OF MAIN ELEVATION	815	814	809	809	810	810	810	812	814	
APPROX DEPTH FROM EXISTING	3'	3'	7'	7'	4'	2.5'	8'	3'	3'	
LOCATION	TEE									
NOTES	SOUTH ROW	SLOPE INTERCEPT	P-DITCH S-EDGE	E-GAS	P-DITCH N-EDGE	E-DITCH SOUTH	E-RL MNE	E-DITCH NORTH	E-ROW NORTH	

N2576 STH 15 SERVICE CROSSING APPROX STATION 258MNE+30 SHEET 3

STATION	258+30	258+30	258+30	258+30	258+30	258+30	258+30	258+30	258+30
OFFSET	RT 115'	RT 84'	RT 75'	RT 71'	RT 69'	RT 47'	0	LT 34'	LT 60'
TOP OF MAIN ELEVATION	829	819	819	819	819	818	820	822	832
APPROX DEPTH FROM EXISTING	3'	10'	9'	9'	8.5'	4'	8'	3.5'	3'
LOCATION	TEE								
NOTES	SOUTH ROW	P-DITCH S-EDGE	E-COMM	P-DITCH N-EDGE		E-DITCH SOUTH	E-RL MNE	E-DITCH NORTH	E-ROW NORTH

OLDE STH 15 (NEW ROAD) BORE 302' CROSSING APPROX. STATION 272MNE+00 SHEET 5

STATION	272+00	272+00	272+00	272+00	272+00	272+00	272+00	
OFFSET	RT 90'	RT 78'	RT 68'	RT46'	0	LT 56'	LT 212'	
TOP OF MAIN ELEVATION	850	850	850	843	844	844	847	
APPROX DEPTH FROM EXISTING	4'	3'	3'	9'	9'	7'	3'	
LOCATION	ELL		RL		RL		ELL	
NOTES	P-SOUTH ROW	S-EDGE TRAIL	N-EDGE TRAIL	P-DITCH	P-CL MNE	P-NORTH DITCH	P-NORTH ROW	

OLDE STH 15 (NEW ROAD) 326' CROSSING AT STATION 295MNE+50 SHEET 8

STATION	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50
OFFSET	LT 110'	LT 62'	LT 22'	0	RT 47'	RT 81'	RT 105'	RT 118'	RT 159'	RT 216'
TOP OF MAIN ELEVATION	888	889	900	904	904	904	904	904	904	918
APPROX DEPTH FROM EXISTING	4'	4'	4.5'	3.5'	7.5'	4'	15'	16'	4'	4
LOCATION	ELL									ELL
NOTES	P-WEST ROW	P-DITCH WEST	CL MNW	P-RL MNE	P-RL MUT	P-DITCH EAST	P-RL TA	P-RL TB	TEMP DITCH EAST	P-ROW EAST

MANLEY ROAD 171' CROSSING - APPROXIMATE STATIOIN 36+70 SHEET 9

STATION	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70
OFFSET	LT 71'	LT 30'	LT 26'	LT 15'	0	RT 30'	RT 46'	RT 83'	RT 88'	RT 100'
TOP OF MAIN ELEVATION	921	913	912	912	911.5	911	911	917	918	919
APPROX DEPTH FROM EXISTING	3'	7'	6'	6'	7'	8.5'	9.5'	4'	4'	4'
LOCATION	ELL									TEE
NOTES	P-WEST ROW	P-DITCH WEST	E-COMM WEST	E-ELEC	P-RL MANLEY	P-DITCH EAST	E-DITCH EAST	E-GAS	E-COMM EAST	P-EAST ROW

STH 15 AT MANLEY ROAD 279' CROSSING - APPROX STATION 494WB+04 SHEET 9

STATION	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04
OFFSET	RT 114'	RT 110'	RT 106'	RT 92'	RT 80'	RT 62'	RT 41'	0	LT 31'	LT 60'	LT 137'	LT 165'
TOP OF MAIN ELEVATION	916	916	916	912	912	910	910	910	910	910	909	910
APPROX DEPTH FROM EXISTING	4'	4'	4'	7'	7'	7'	4'	7'	4'	5'	4'	4'
LOCATION	ELL											
NOTES	SOUTH START	MATCH ROW - EAST	SLOPE INTERCEPT	TRAIL EDGE SOUTH	P-RL MUT	P-DITCH N-TRAIL	E-DITCH N-TRAIL	P-RL EB	P-DITCH EB-WB	P-RL WB	P-DITCH N-WB	NORTH END

N2407 MANLEY ROAD SERVICE REPLACEMENT APPROX STATION 34MAN+68 SHEET 11

STATION	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68
OFFSET	RT 70.5'	RT 69.5'	RT 58.5'	RT 38.5'	0	LT 3.5'	LT 10'	LT 24.5'	LT 30'	LT 52'
TOP OF MAIN ELEVATION	920	920	918	914	911	910	910	913	916	920
APPROX DEPTH FROM EXISTING	3'	3'	5'	9'	7'	7'	7'	9'	7'	3'
LOCATION	E-ROW				RL					
NOTES	SERV TEE	E - TELE	E-GAS	P-DITCH EAST	NEW	E-ELE	E - FIBER	P-DITCH WEST	E ROW WEST	P-ROW WEST

GAS WORK REQUEST

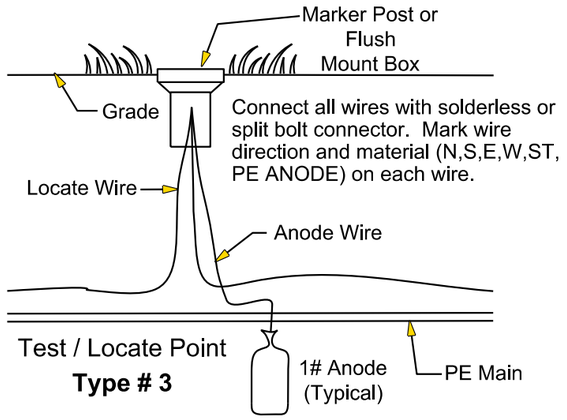
4459694

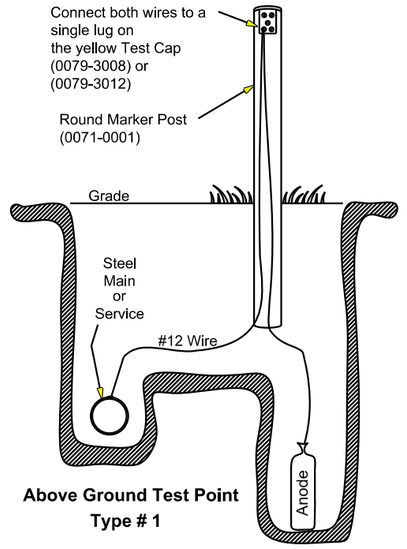
LOCAL ROAD - FROM INTERSECTION WEST TO DRIVEWAY (OLD STH 15)
4" PE MAIN RUNNING LINE APPROX STATION 22LCL+50 TO 29LCL+00 - 12' FROM ROW BORE 638' SHEETS 5 & 6

STATION	22+62	23+00	23+50	26+60	24+00	25+00	25+50	26+00	26+25	26+50	27+00	27+50	28+00	28+50	29+00	
OFFSET	RT 42'	RT 46'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	
TOP OF MAIN ELEVATION	844	846	849	851	851	853	859	860	861	863	866	863	868	871	871	
APPROX DEPTH FROM EXISTING	4'	4'	7'	5.5'	4'	4'	4'	6'	5.5'	4'	4'	7.5'	4'	4'	4'	
LOCATION	ELL														END	
NOTES	START														DRIVEWAY	
	WEST END														EAST END	

MANLEY ROAD NORTH - 4" PE MAIN RUNNING LINE APPROXIMATE STATION 10MAN+66 TO 12MAN+00 TRENCH 134' SHEETS 9 & 10

STATION	10+66	11+00	11+50	12+00				
OFFSET	RT 22'	RT 22'	RT 22'	RT 22'				
TOP OF MAIN ELEVATION	911	911	912	913				
APPROX DEPTH FROM EXISTING	4.5'	6'	5'	4'				
LOCATION	ELL							
NOTES	SOUTH			END				
	START							





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Maintain 6" min vertical clearance at crossing of other existing facilities.
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Maintain 5' clearance from storm sewer inlets.
Staking of route or ROW by surveyor required prior to construction.
Clearances shown are min distances - reference permit for specific clearance requirements.
Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201.
Restore all pavement, ROW, sidewalks, and customer's private property.

CONVENTIONAL SYMBOLS

- END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE - 2' x 4' EXCAVATION.
- VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE
- 17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH
- GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION
- (MC) METER CHANGE
- (T&R) TEST & RECONNECT SERVICE
- (RPL) REPLACE SERVICE

EROSION CONTROL LEGEND

- ENV 8, 27 — APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
- A/B/C/D — INLET PROTECTION, TYPE
- 12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
- STONE DITCH CHECK
- ROCK BAG
- MULCH
- SOIL STABILIZER, TYPE A
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE A URBAN
- EROSION MAT CLASS I, TYPE B URBAN
- EROSION MAT CLASS II
- EROSION MAT CLASS III
- VEGETATIVE BUFFER
- TRACKING PAD
- TIMBER MAT
- SILT FENCE
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

2. If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

6. Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
   a. Any quantity of oil is spilled into surface water;
   b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
   c. Any oil spill containing greater than 500 ppm PCB;
   d. Five gallons or more of oil spilled to the ground;
   e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
12. Excavated soils cannot be stockpiled in wetlands.
13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

Waterways

16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

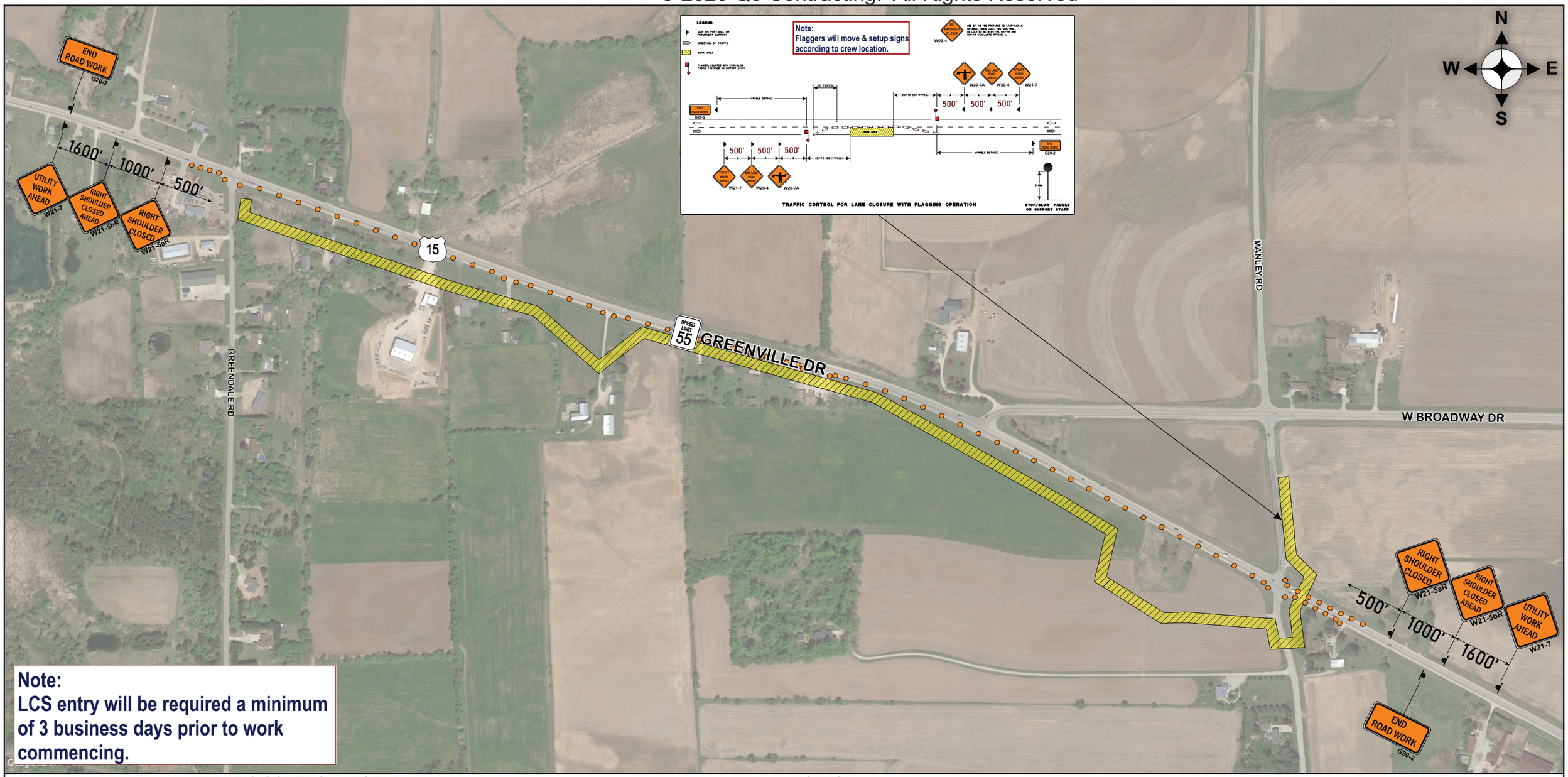
23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/).

Cultural and Historical Resources, cont.

24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
    a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
    b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.



Note:
LCS entry will be required a minimum of 3 business days prior to work commencing.

TRAFFIC CONTROL LEGEND

WORK AREA	
TEMP. SIGN SUPPORT	
TRAFFIC CONTROL DRUM WITHOUT LIGHT	
42" GRABBER CONE	
FLAGGER	

NOTES

- SHOULDER CLOSURE ALONG STH 15.
- FLAGGING SETUP ALONG MANLEY RD.

Note:
Flaggers will move & setup signs according to crew location.

REFERENCE DOT S.D.D. 15 C 12-4

REFERENCE DOT S.D.D. 15 D 27-3

Primoris Services Corporation
Q3 Contracting: 262-522-8015

Q3 JOB NO: 2531002
PROJECT/P.O.#: 4459694 | IO#MRO22501629
PREPARED BY: ASHLEY OLSON
DATE PREPARED: 02/25/2020
STAGING TIME: 1 HOUR
CUSTOMER NAME: WE ENERGIES (WISC)
ORDERED BY: GREG SMEDEMA
PROJECT LOCATION: STH 15
CITY: ELLINGTON
WORK DESCRIPTION: PAVING RELOCATION

GAS WORK REQUEST

4459680

☐ C ☒ T ☐ V: GREENVILLE

CUST/PROJ NAME: STH 15 HORTONVILLE BYPASS

PROJECT LOCATION: INTERSECTION OF STH 15 AND NORTH ROAD

PREPARED BY: CODY BECKMAN

E-MAIL: cody.beckman@we-energies.com

OFFICE #: 920-380-3422 CELL #: 920-428-1038

PROJECT ID: WI4459680 IO #: MRL21501630

CGS #:

TYPE OF WORK:

☐ GDAM MAIN REPLACEMENT ☐ MAIN EXTENSION

☒ PAVING RELOCATION ☐ SERVICE

☐ OTHER

STAKING REQUIREMENTS:

☒ SURVEYOR ☐ STAKED

☐ DESIGNER ☐ NOT NEEDED

MAIN / SERVICE IN EASEMENT:

☐ YES ROW WR#

CORROSION CONTACT: JIM DAVIS

PHONE #: 414-221-3646

RESTORE PRIVATE PROPERTY: ☒ WE ENERGIES ☐ CUSTOMER

RAILROAD PERMITTING/FLAGGING REQUIRED ☐ YES ☒ NO

RR NAME NA

MAIN SIZE, MAT'L, FT	INSTALL METHOD & FOOTAGE
4" PE 862'	TRENCH 552' BORE 310'

RELATED WR's

MAIN RETIREMENT WR 4459692 FOOTAGE 1104'

SERVICE REPLACEMENT WR 4459690 NO. 1

SERVICE RECONNECT WR 4459689 NO. 1

CRITICAL SAFETY RULES - GO:

1. Confined space procedures
2. Excavation and shoring
3. Live gas emergency procedures
4. Lock out - Tag out
5. Seat belts
6. Securing parked vehicles

JOB INFO:

SECTION / TOWN / RANGE: SW1/4 SEC04, T21N, R16E

SITE VISIT COMPLETED BY: CODY BECKMAN

JOB OWNER: CODY BECKMAN

CONTINGENCIES & COMMENTS:

DIGGERS HOTLINE REQUIRED.

WE ENERGIES WILL RESTORE

WE ENERGIES WILL NOT HAUL SPOIL

WE ENERGIES IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION.

WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

CONSTRUCTION REMARKS:

*CAUTION - WETLANDS IN AREA

*ALL PROPOSED MAIN TO BE INSTALLED AT 4' DEEP UNLESS NOTED ON THE SKETCH.

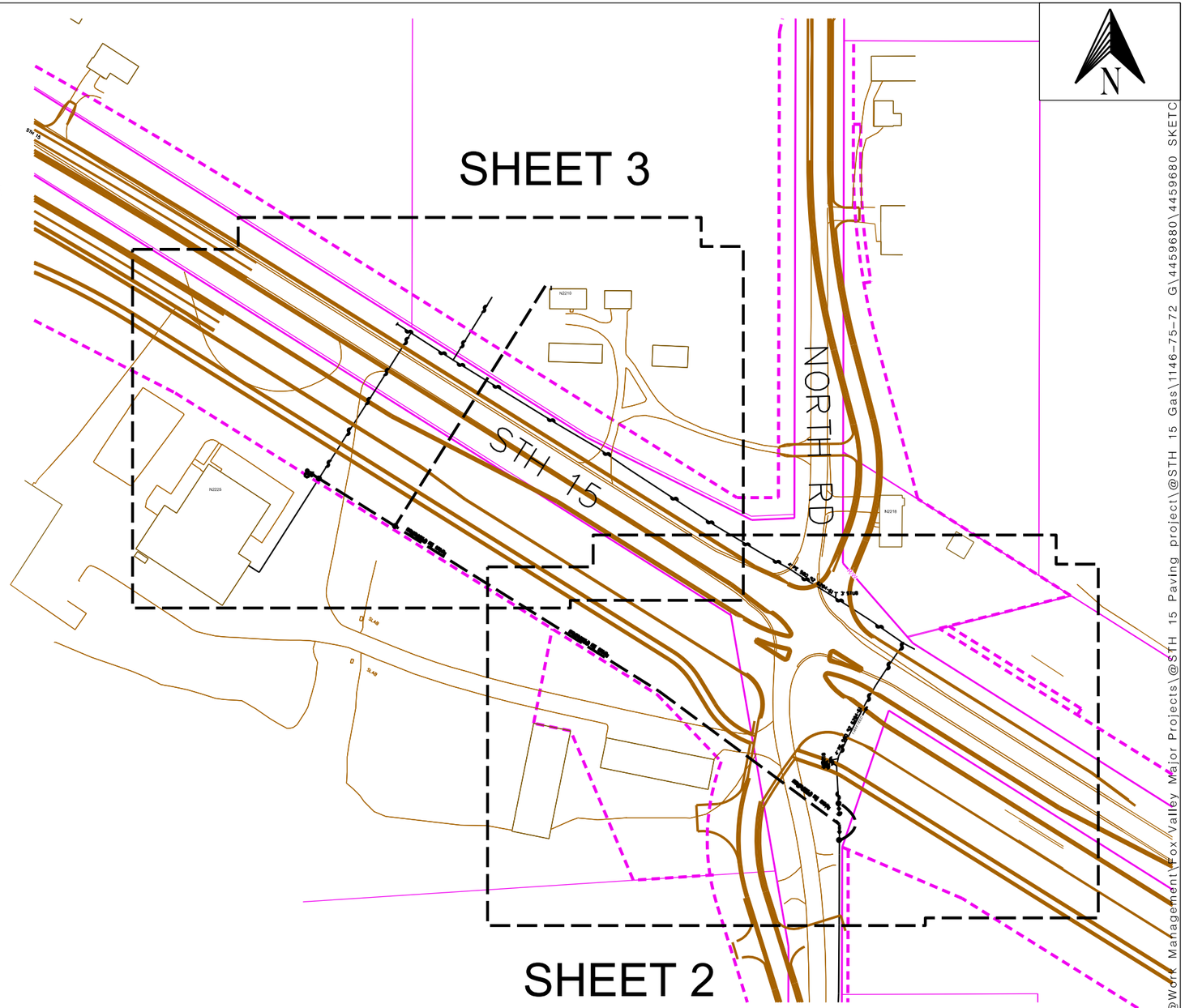
*RETIRE CONTROL POINT #108218 AND REMOVE THE BOX/POST AND ALL WIRES.

*A 1" BYPASS IS REQUIRED AT THE TIE IN.

*SERVICE AT ADDRESS N2225 STH 15 IS NEW AS OF 2018.

STATE STATIONING LABELS

PROPOSED STH 15 EASE BOUND - "EB"
PROPOSED STH 15 WEST BOUND - "WB"
OLD STH 15 EAST (EB) - "MNE"
OLD STH 15 WEST (WB) - "MNW"
NORTH ROAD - "NRT"



U:\Data\@Work Management\Fox Valley Major Projects\@STH 15 Paving project\@STH 15 Gas\1146-75-72 G\4459680\4459680 SKETC

EROSION CONTROL NOTES

☒ IF DISTURBANCE OCCURS IN SUMMER, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN WINTER, TEMPORARY STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. FINAL STABILIZATION IS REQUIRED IN SPRING.

☐ IF DISTURBANCE OCCURS WITHIN THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. IF DISTURBANCE OCCURS OUTSIDE THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED.

☐ IF DISTURBANCE OCCURS IN AGRICULTURAL FIELDS, SOIL SEGREGATION WILL NEED TO TAKE PLACE TO RETURN FIELDS TO PRE-CONSTRUCTION SOIL STRATIFICATION AND TO PRE-CONSTRUCTION ELEVATIONS.

☒ DEPENDING ON THE TIME OF YEAR AND WEATHER CONDITIONS, CONSIDER USING PLATES/MATS IN WETLANDS OR CROSSING DITCHES.

☒ STOCKPILE MATERIALS SHALL BE PLACED UPSLOPE FROM EXCAVATION. IF STOCKPILE MATERIALS MUST BE PLACED DOWNSLOPE OF EXCAVATION, PROTECT STOCKPILES WITH 12" WATTLES.

☐ PROJECT SPECIFIC EROSION CONTROL NOTES:

WR 4459680

REV.	DESCRIPTION	BY	DATE
0	DESIGN APPROVED FOR CONSTRUCTION	CB	

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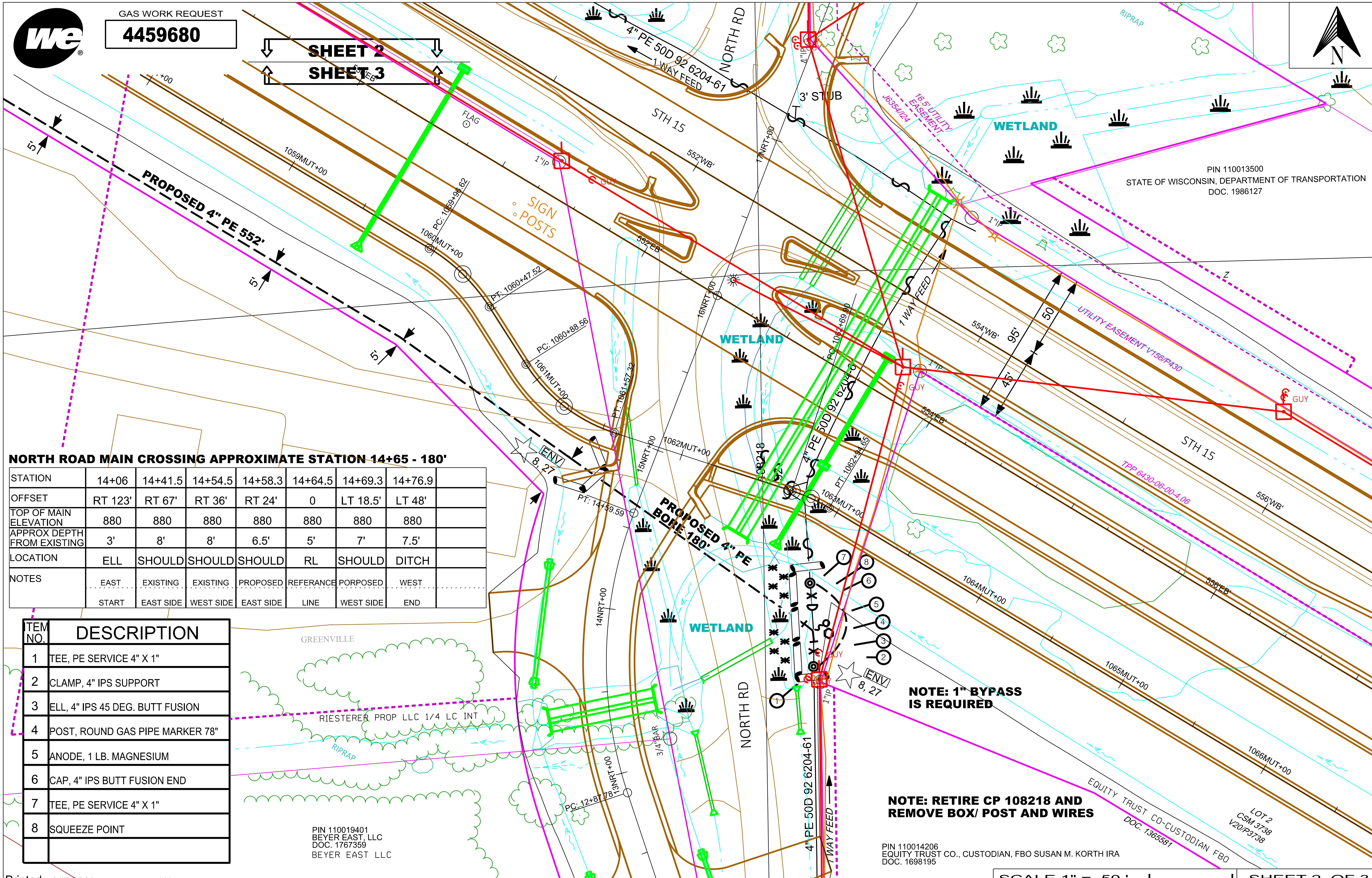
GAS WORK REQUEST

4459680

SHEET 2 / SHEET 3



NORTH ROAD MAIN CROSSING APPROXIMATE STATION 14+65 - 180'

STATION	14+06	14+41.5	14+54.5	14+58.3	14+64.5	14+69.3	14+76.9	
OFFSET	RT 123'	RT 67'	RT 36'	RT 24'	0	LT 18.5'	LT 48'	
TOP OF MAIN ELEVATION	880	880	880	880	880	880	880	
APPROX DEPTH FROM EXISTING	3'	8'	8'	6.5'	5'	7'	7.5'	
LOCATION	ELL	SHOULD	SHOULD	SHOULD	RL	SHOULD	DITCH	
NOTES	EAST START	EXISTING EAST SIDE	EXISTING WEST SIDE	PROPOSED EAST SIDE	REFERANCE LINE	PORPOSED WEST SIDE	WEST END	

ITEM NO.	DESCRIPTION
1	TEE, PE SERVICE 4" X 1"
2	CLAMP, 4" IPS SUPPORT
3	ELL, 4" IPS 45 DEG. BUTT FUSION
4	POST, ROUND GAS PIPE MARKER 78"
5	ANODE, 1 LB. MAGNESIUM
6	CAP, 4" IPS BUTT FUSION END
7	TEE, PE SERVICE 4" X 1"
8	SQUEEZE POINT

NOTE: 1" BYPASS IS REQUIRED

NOTE: RETIRE CP 108218 AND REMOVE BOX/ POST AND WIRES

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SCALE 1" = 50'

GAS WORK REQUEST

4459680

NE-SE
SEC. 5, T21N, R16E

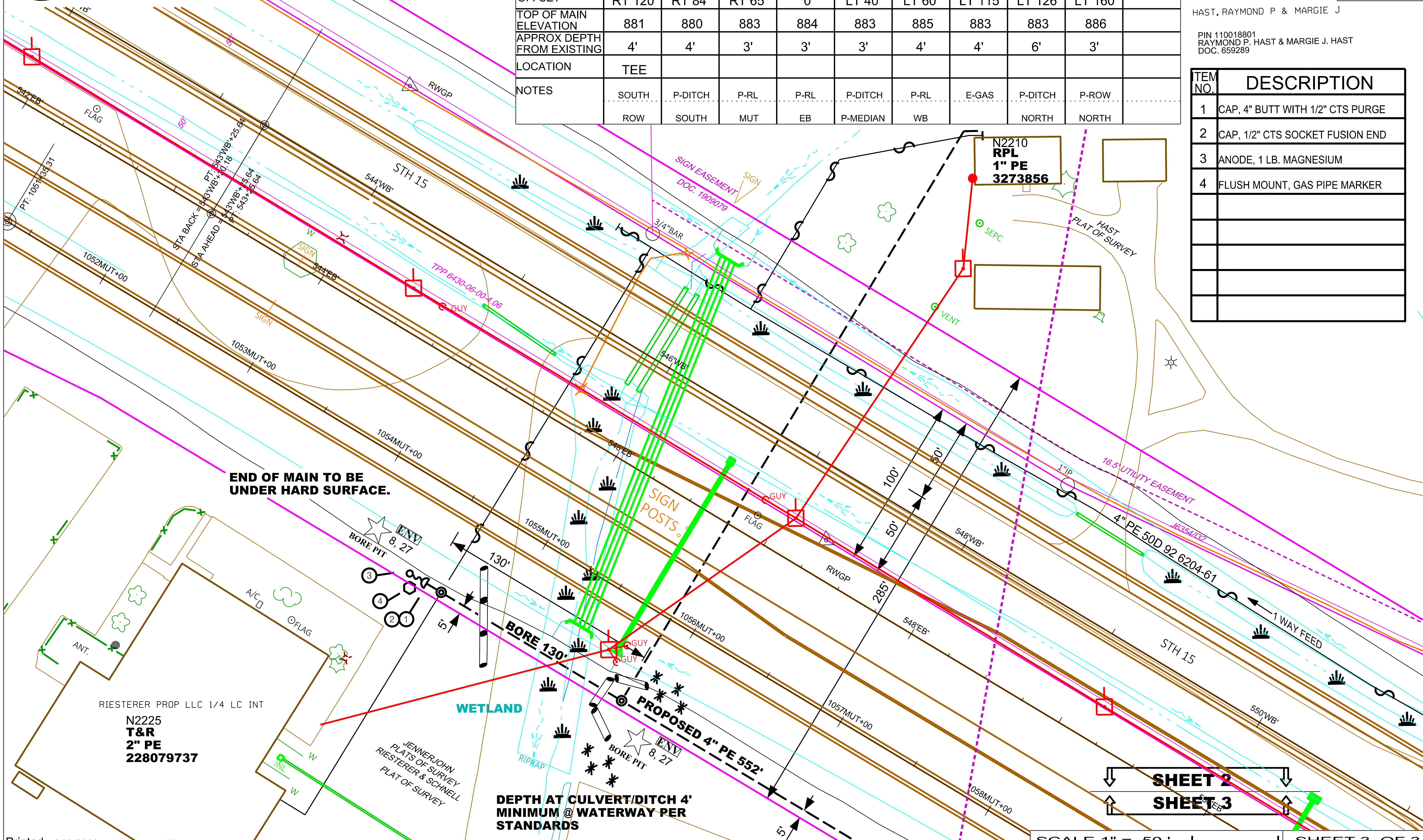
SERVICE CROSSING TO ADDRESS N2210 GREENVILLE DRIVE APPROX. STATION 546EB+76

STATION	546+76	546+76	546+76	546+76	546+76	546+76	546+76	546+76	546+76	
OFFSET	RT 120'	RT 84'	RT 65'	0	LT 40'	LT 60'	LT 115'	LT 126'	LT 160'	
TOP OF MAIN ELEVATION	881	880	883	884	883	885	883	883	886	
APPROX DEPTH FROM EXISTING	4'	4'	3'	3'	3'	4'	4'	6'	3'	
LOCATION	TEE									
NOTES	SOUTH ROW	P-DITCH SOUTH	P-RL MUT	P-RL EB	P-DITCH P-MEDIAN	P-RL WB	E-GAS	P-DITCH NORTH	P-ROW NORTH	

HAST, RAYMOND P & MARGIE J

PIN 110018801
RAYMOND P. HAST & MARGIE J. HAST
DOC. 659289

ITEM NO.	DESCRIPTION
1	CAP, 4" BUTT WITH 1/2" CTS PURGE
2	CAP, 1/2" CTS SOCKET FUSION END
3	ANODE, 1 LB. MAGNESIUM
4	FLUSH MOUNT, GAS PIPE MARKER



N2210
RPL
1" PE
3273856
STH 15
SIGN EASEMENT
DOC. 1909079
3/4"BAR
SEPC
VENT
HAST
PLAT OF SURVEY
RWGP
FLAG
542'EB'
544'WB'
544'EB'
546'WB'
546'EB'
548'WB'
548'EB'
550'WB'
PT: 1051+35.31
PT: 543'WB'+25.64
PT: 543'WB'+10.18
STA BACK =543'WB'+10.18
STA AHEAD = 543'WB'+15.64
1052MUT+00
1053MUT+00
1054MUT+00
1055MUT+00
1056MUT+00
1057MUT+00
1058MUT+00
TPP 6430-06-00-4.06
GUY
SIGN
SIGN POSTS
16.5' UTILITY EASEMENT
J6354/I32
1"IP
4" PE 50D 92 6204-61
1 WAY FEED
100'
50'
50'
285'
130'
5'
END OF MAIN TO BE UNDER HARD SURFACE.
BORE PIT
ENV 8, 27
BORE 130'
PROPOSED 4" PE 552'
WETLAND
RIPRAP
A/C
ANT.
INL
W
RIESTERER PROP LLC 1/4 LC INT
N2225
T&R
2" PE
228079737
JENNERJOHN PLATS OF SURVEY
RIESTERER & SCHNELL PLAT OF SURVEY
DEPTH AT CULVERT/DITCH 4' MINIMUM @ WATERWAY PER STANDARDS
SHEET 2
SHEET 3

SCALE 1" = 50'

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Spills

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
   a. Any quantity of oil is spilled into surface water;
   b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
   c. Any oil spill containing greater than 500 ppm PCB;
   d. Five gallons or more of oil spilled to the ground;
   e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
12. Excavated soils cannot be stockpiled in wetlands.
13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

Waterways

16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Speces

19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/).

Cultural and Historical Resources, cont.

24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
    a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
    b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.

= WORK AREA

= TEMP. SIGN SUPPORT

REFERENCE DOT S.D.D. 15 D 28-3

PSC
Primoris Services Corporation
Q3 Contracting: 262-522-8015

Q3 JOB NO:	2530798
PREPARED BY:	RICHARD RYSKOSKI
DATE PREPARED:	2/21/2020
STAGING TIME:	1 Hour

CUSTOMER NAME: WE ENERGIES WIGO GAS

ORDERED BY: CODY BECKMAN

PROJECT / P.O. # : 4459680

PROJECT LOCATION: STH 15 AND NORTH RD

CITY/TOWN/VILLAGE: ELLINGTON

WORK DESCRIPTION: PAVING RELOCATION

GAS WORK REQUEST

4459720

☐ C ☒ T ☐ V: GREENVILLE

CUST/PROJ NAME: STH 15 BYPASS 1146-75-72 PART 2

PROJECT LOCATION: STH 15 FROM LILY OF THE VALLEY RD WEST TO JULIUS DRIVE

PREPARED BY: CODY BECKMAN

E-MAIL: cody.beckman@we-energies.com

OFFICE #: 920-380-3422 CELL #: 920-428-1038

PROJECT ID: WI4459720 IO #: MRL21501630

CGS #:

TYPE OF WORK:

☐ GDAM MAIN REPLACEMENT ☐ MAIN EXTENSION

☒ PAVING RELOCATION ☐ SERVICE

☐ OTHER

STAKING REQUIREMENTS:

☒ SURVEYOR ☐ STAKED

☐ DESIGNER ☐ NOT NEEDED

MAIN / SERVICE IN EASEMENT:

☐ YES ROW WR#

CORROSION CONTACT: JIM DAVIS

PHONE #: 414-221-3646

RESTORE PRIVATE PROPERTY: ☒ WE ENERGIES ☐ CUSTOMER

RAILROAD PERMITTING/FLAGGING REQUIRED ☐ YES ☒ NO

RR NAME NA

MAIN SIZE, MAT'L, FT	INSTALL METHOD & FOOTAGE	
6" PE 6340'	TRENCH 5466'	BORE 874'
4" PE 1492'	TRENCH 369'	BORE 1123'
2" PE 3065'	TRENCH 203'	BORE 2862'
1" PE 11'	TRENCH 11'	

RELATED WR's

MAIN RETIREMENT WR 4459726 FOOTAGE 7700'

SERVICE REPLACEMENT WR 4459725 NO. 3

SERVICE RECONNECT WR 4459724 NO. 14

THREE SERVICES ARE INACTIVE AND ARE TO BE REMOVED.

JOB INFO:

SECTION / TOWN / RANGE: NW1/4 SEC10, T21N, R16E

SITE VISIT COMPLETED BY: CODY BECKMAN

JOB OWNER: CODY BECKMAN

CRITICAL SAFETY RULES - GO:

1. Confined space procedures
2. Excavation and shoring
3. Live gas emergency procedures
4. Lock out - Tag out
5. Seat belts
6. Securing parked vehicles

CONTINGENCIES & COMMENTS:

DIGGERS HOTLINE REQUIRED.

WE ENERGIES WILL RESTORE

WE ENERGIES WILL NOT HAUL SPOIL

CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION.

WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

CONSTRUCTION REMARKS:

* NEW MAIN TO BE INSTALLED AT 4' UNLESS NOTED ON THE SKETCH

* ALL NEW MAIN TO BE ADDED TO CIA 5666349

* A PORTION OF THIS SECTION IS TO BE DUAL MAIN DUE TO THE DEEP DITCH WORK TO BE CONSTRUCTED.

* THERE ARE THREE ADDITIONAL MAIN SEGMENTS THAT ARE ON EASEMENT ON PRIVATE PROPERTY. EACH OF THE MAIN SEGMENTS ON EASEMENT WILL REQUIRE A 1" PE BYPASS.

* NOTE - EXTRA DEPTH REQUIRED FOR THE 2" PE MAIN IN THE SOUTH RIGHT OF WAY OF STH 15 FROM STATION 631EB+00 TO 636EB+00. MAIN DEPTH TO BE 5' DEEP FROM EXISTING GRADE.

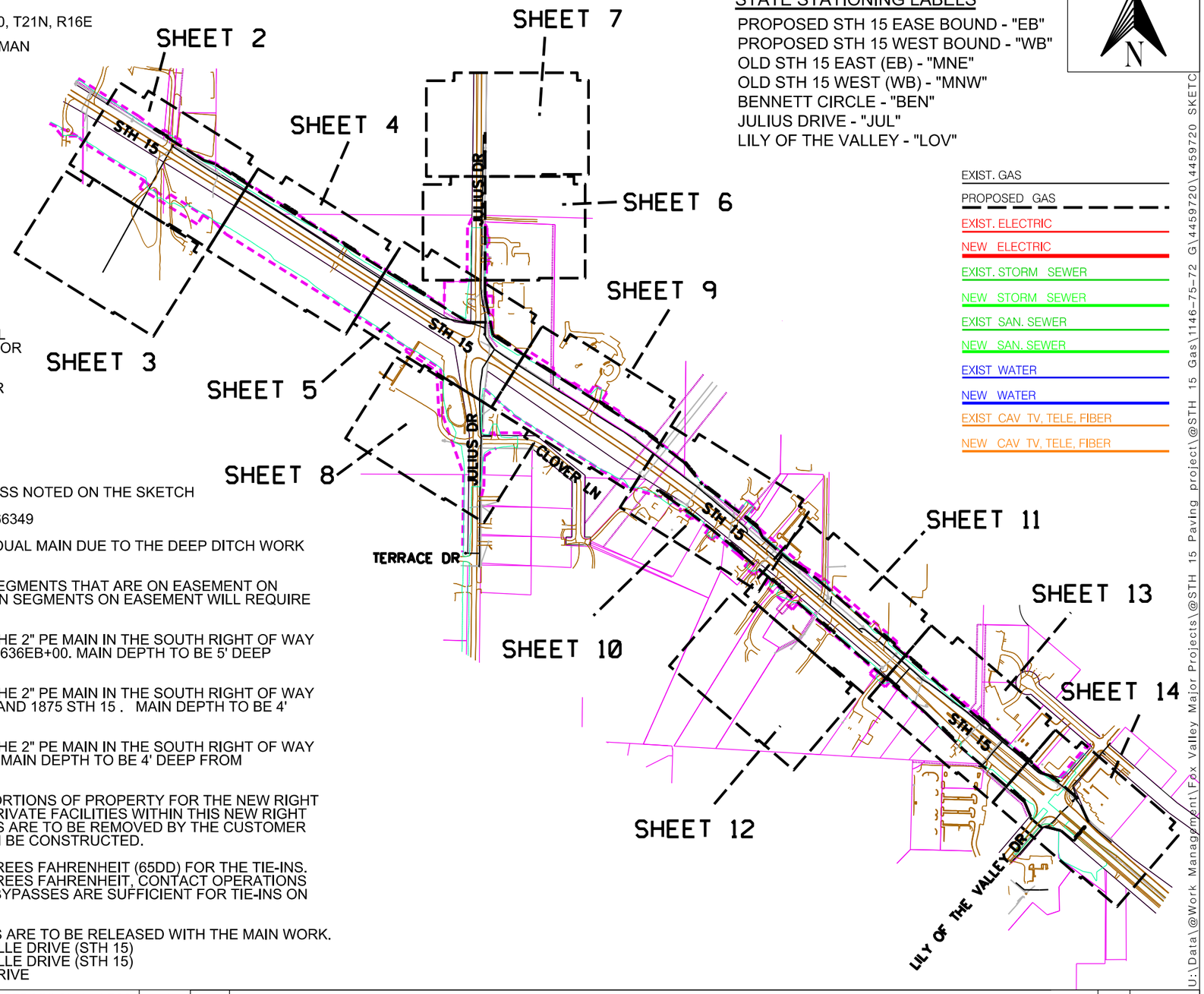
* NOTE - EXTRA DEPTH REQUIRED FOR THE 2" PE MAIN IN THE SOUTH RIGHT OF WAY UNDER SHARED DRIVEWAY FOR N1873 AND 1875 STH 15 . MAIN DEPTH TO BE 4' DEEP FROM EXISTING GRADE.

* NOTE - EXTRA DEPTH REQUIRED FOR THE 2" PE MAIN IN THE SOUTH RIGHT OF WAY UNDER DRIVEWAY FOR N1817 STH 15 . MAIN DEPTH TO BE 4' DEEP FROM EXISTING GRADE.

* THE WiDOT HAS PURCHASED LARGE PORTIONS OF PROPERTY FOR THE NEW RIGHT OF WAY. SEVERAL CUSTOMERS HAD PRIVATE FACILITIES WITHIN THIS NEW RIGHT OF WAY AND THESE PRIVATE FACILITIES ARE TO BE REMOVED BY THE CUSTOMER BEFORE THE PROPOSED GAS MAIN CAN BE CONSTRUCTED.

* TEMPERATURE MUST BE ABOVE 0 DEGREES FAHRENHEIT (65DD) FOR THE TIE-INS. IF THE TEMPERATURE IS BELOW 0 DEGREES FAHRENHEIT, CONTACT OPERATIONS ENGINEERING FOR RE- REVIEW. 1" PE BYPASSES ARE SUFFICIENT FOR TIE-INS ON ONE WAY FEEDS.

* ADDITIONAL SERVICE WORK REQUESTS ARE TO BE RELEASED WITH THE MAIN WORK.
WR 4484797 - ADDRESS N1866 GREENVILLE DRIVE (STH 15)
WR 4484800 - ADDRESS N1868 GREENVILLE DRIVE (STH 15)
WR 4487778 - ADDRESS N2038 JULIUS DRIVE



STATE STATIONING LABELS

PROPOSED STH 15 EASE BOUND - "EB"
PROPOSED STH 15 WEST BOUND - "WB"
OLD STH 15 EAST (EB) - "MNE"
OLD STH 15 WEST (WB) - "MNW"
BENNETT CIRCLE - "BEN"
JULIUS DRIVE - "JUL"
LILY OF THE VALLEY - "LOV"

EXIST. GAS
PROPOSED GAS
EXIST. ELECTRIC
NEW ELECTRIC
EXIST. STORM SEWER
NEW STORM SEWER
EXIST SAN. SEWER
NEW SAN. SEWER
EXIST WATER
NEW WATER
EXIST CAV TV, TELE, FIBER
NEW CAV TV, TELE, FIBER

U:\Data\@Work Management\Fox Valley Major Projects\@STH 15 Paving project\@STH 15 Gas\1146-75-72 G\4459720\4459720 SKETCHES\@STH 15 Paving project\@STH 15 Gas\1146-75-72 G\4459720\4459720 SKETCH

EROSION CONTROL NOTES

☒ IF DISTURBANCE OCCURS IN SUMMER, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED. IF DISTURBANCE OCCURS IN WINTER, TEMPORARY STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. FINAL STABILIZATION IS REQUIRED IN SPRING.

☐ IF DISTURBANCE OCCURS WITHIN THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE SOIL STABILIZER, TYPE A, UNLESS NOTED. IF DISTURBANCE OCCURS OUTSIDE THE SLOPE INTERCEPT, FINAL STABILIZATION SHALL BE PERMANENT SEED AND PROPERLY ANCHORED MULCH, UNLESS NOTED.

☒ IF DISTURBANCE OCCURS IN AGRICULTURAL FIELDS, SOIL SEGREGATION WILL NEED TO TAKE PLACE TO RETURN FIELDS TO PRE-CONSTRUCTION SOIL STRATIFICATION AND TO PRE-CONSTRUCTION ELEVATIONS.

☒ DEPENDING ON THE TIME OF YEAR AND WEATHER CONDITIONS, CONSIDER USING PLATES/MATS IN WETLANDS OR CROSSING DITCHES.

☒ STOCKPILE MATERIALS SHALL BE PLACED UPSLOPE FROM EXCAVATION. IF STOCKPILE MATERIALS MUST BE PLACED DOWNSLOPE OF EXCAVATION, PROTECT STOCKPILES WITH 12" WATTLES.

☐ PROJECT SPECIFIC EROSION CONTROL NOTES:

WR 4459720

REV.	DESCRIPTION	BY	DATE
0	DESIGN APPROVED FOR CONSTRUCTION	CB	2/27/20

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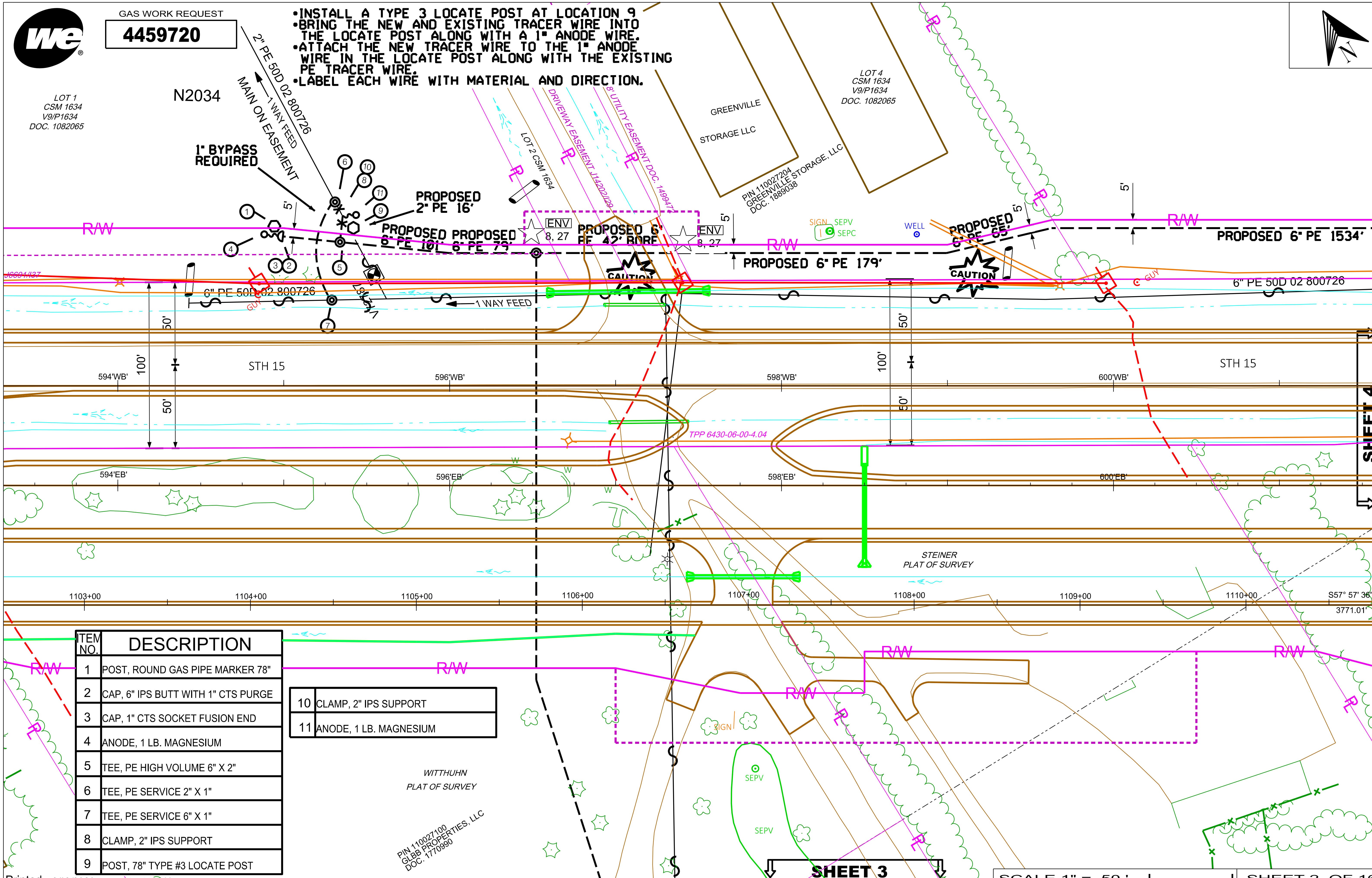
GAS WORK REQUEST

4459720

N2034

- INSTALL A TYPE 3 LOCATE POST AT LOCATION 9
- BRING THE NEW AND EXISTING TRACER WIRE INTO THE LOCATE POST ALONG WITH A 1" ANODE WIRE.
- ATTACH THE NEW TRACER WIRE TO THE 1" ANODE WIRE IN THE LOCATE POST ALONG WITH THE EXISTING PE TRACER WIRE.
- LABEL EACH WIRE WITH MATERIAL AND DIRECTION.



LOT 1
CSM 1634
V9/P1634
DOC. 1082065
2" PE 50D 02 800726
1 WAY FEED
MAIN ON EASEMENT
1" BYPASS REQUIRED
PROPOSED 2" PE 16'
PROPOSED 6" PE 10'
PROPOSED 6" PE 79'
PROPOSED 6" PE 42' BORE
PROPOSED 6" PE 179'
PROPOSED 6" PE 65'
PROPOSED 6" PE 1534'
LOT 2 CSM 1634
DRIVEWAY EASEMENT J1420/I/29
8' UTILITY EASEMENT DOC. 1499472
GREENVILLE STORAGE LLC
PIN 110027204
GREENVILLE STORAGE, LLC
DOC. 1889038
LOT 4
CSM 1634
V9/P1634
DOC. 1082065
ENV
8, 27
SIGN
SEPV
SEPC
WELL
R/W
CAUTION
GUY
6" PE 50D 02 800726
1 WAY FEED
STH 15
594'WB'
596'WB'
598'WB'
600'WB'
594'EB'
596'EB'
598'EB'
600'EB'
50'
100'
5'
TPP 6430-06-00-4.04
STEINER
PLAT OF SURVEY
1103+00
1104+00
1105+00
1106+00
1107+00
1108+00
1109+00
1110+00
S57° 57' 36"E
3771.01'
SHEET 4
SHEET 3
WITTHUHN
PLAT OF SURVEY
PIN 110027100
GLBB PROPERTIES, LLC
DOC. 1770990

ITEM NO.	DESCRIPTION
1	POST, ROUND GAS PIPE MARKER 78"
2	CAP, 6" IPS BUTT WITH 1" CTS PURGE
3	CAP, 1" CTS SOCKET FUSION END
4	ANODE, 1 LB. MAGNESIUM
5	TEE, PE HIGH VOLUME 6" X 2"
6	TEE, PE SERVICE 2" X 1"
7	TEE, PE SERVICE 6" X 1"
8	CLAMP, 2" IPS SUPPORT
9	POST, 78" TYPE #3 LOCATE POST
10	CLAMP, 2" IPS SUPPORT
11	ANODE, 1 LB. MAGNESIUM

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SCALE 1" = 50'

GAS WORK REQUEST

4459720

SHEET 2

GLLB PROPERTIES LLC

GREENVILLE

SEPTIC

STORM

INL

CAUTION

SEPC

SEPC

INL

INL

N2011
RPL
1/2" PE
749685

GLLB PROPERTIES LLC

SMITH,
DAVID G.
PIN 110027401
ROBERT R. STEINER & DIANE M. STEINER
DOC. 959436

W

T

N

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SCALE 1" = 50 '

SHEET 3 OF 16

GAS WORK REQUEST

4459720

IMMEL GROUP LLC

PIN 110027500
IMMEL GROUP, LLC
DOC. 1745850

TOWN

OF

5' R/W PROPOSED 6" PE 1534'

6" PE 50D 02 800726
1 WAY FEED

STH 15

602'WB' 604'WB' 606'WB' 608'WB'

95' 50' 45'

SHEET 3

602'EB' 604'EB' 606'EB' 608'EB'

SIGN

SHEET 5

1111+00 1112+00 1113+00 1114+00 1115+00 1116+00 1117+00 1118+00 1119+00

JULIUS

PLAT OF SURVEY

ITEM NO.	DESCRIPTION
1	POST, 78" TYPE 3 LOCATE POINT
2	ANODE, 1 LB. MAGNESIUM

Printed 3/12/2020 8:07:12 AM

SCALE 1" = 50 '

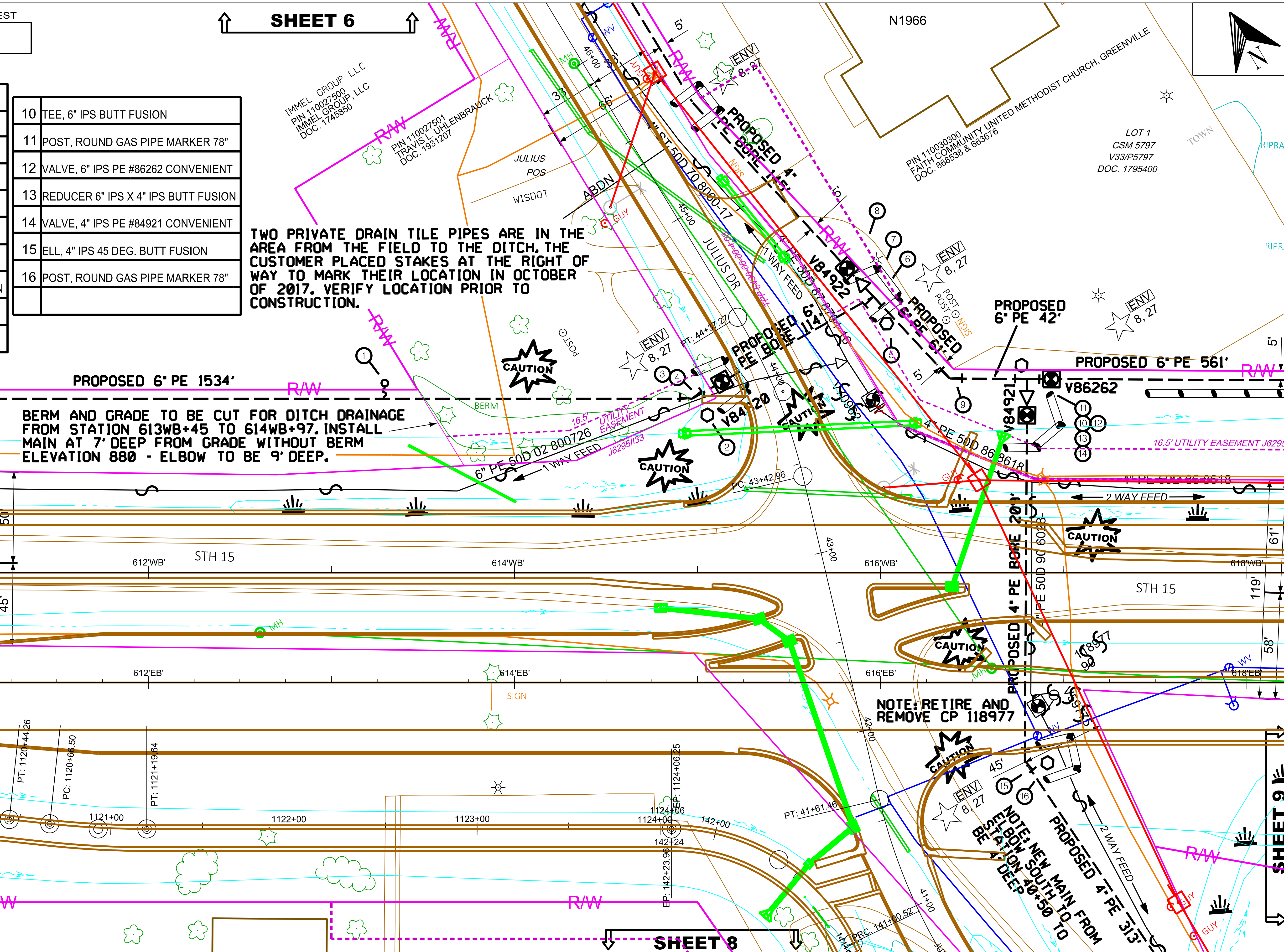
GAS WORK REQUEST

4459720

ITEM NO.	DESCRIPTION
1	ANODE, 1 LB. MAGNESIUM
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 6" IPS 45 DEG. BUTT FUSION
4	VALVE, 6" IPS PE #84920 CONVENIENT
5	POST, ROUND GAS PIPE MARKER 78"
6	TEE, 6" IPS BUTT FUSION
7	REDUCER 6" IPS X 4" IPS BUTT FUSION
8	VALVE, 4" IPS PE #84922 CONVENIENT
9	ELL, 6" IPS 45 DEG. BUTT FUSION

10	TEE, 6" IPS BUTT FUSION
11	POST, ROUND GAS PIPE MARKER 78"
12	VALVE, 6" IPS PE #86262 CONVENIENT
13	REDUCER 6" IPS X 4" IPS BUTT FUSION
14	VALVE, 4" IPS PE #84921 CONVENIENT
15	ELL, 4" IPS 45 DEG. BUTT FUSION
16	POST, ROUND GAS PIPE MARKER 78"

SHEET 6



N1966
IMMEL GROUP LLC PIN 110027500 IMMEL GROUP, LLC DOC. 1745850
PIN 110027501 TRAVIS L. UHLENBRAUCK DOC. 1931207
PIN 110030300 FAITH COMMUNITY UNITED METHODIST CHURCH, GREENVILLE DOC. 868538 & 663676
LOT 1 CSM 5797 V33/P5797 DOC. 1795400
TWO PRIVATE DRAIN TILE PIPES ARE IN THE AREA FROM THE FIELD TO THE DITCH. THE CUSTOMER PLACED STAKES AT THE RIGHT OF WAY TO MARK THEIR LOCATION IN OCTOBER OF 2017. VERIFY LOCATION PRIOR TO CONSTRUCTION.
PROPOSED 6" PE 1534'
BERM AND GRADE TO BE CUT FOR DITCH DRAINAGE FROM STATION 613WB+45 TO 614WB+97. INSTALL MAIN AT 7' DEEP FROM GRADE WITHOUT BERM ELEVATION 880 - ELBOW TO BE 9' DEEP.
6" PE 50D 02 800726
1 WAY FEED
PROPOSED 6" PE 42'
PROPOSED 6" PE 561'
V86262
V84922
V84920
V84921
PROPOSED 4" PE BORE 209'
PROPOSED 4" PE BORE 45'
PROPOSED 6" PE BORE 114'
PROPOSED 6" PE 61'
4" PE 50D 86 86618
2 WAY FEED
16.5' UTILITY EASEMENT J6295/133
STH 15
JULIUS DR
CAUTION
NOTE: RETIRE AND REMOVE CP 118977
NOTE: NEW MAIN FROM ELBOW SOUTH TO STATION 40+50 TO BE 4' DEEP
PROPOSED 4" PE 313'
R/W
SHEET 4
SHEET 8
SHEET 9

GAS WORK REQUEST

4459720

SHEET 7

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 45 DEG. BUTT FUSE
2	ELL, 4" IPS 45 DEG. BUTT FUSE

N

JULIUS DR

51+00

50+00

49+00

48+00

47+00

46+00

4" ST 50D 70 8060-17 1 WAY FEED

PROPOSED 4" PE BORE 420'

PROPOSED 4" PE BORE 345'

PROPOSED 4" PE 23'

1 WAY FEED

JULIUS
PLAT OF SURVEY

1ST WISCONSIN
PLAT OF SURVEY

RAW

PL

5'

33

33'

66'

ENV
8, 27

GUY

W

RIPRAP

MH

WV

IMMEL GROUP LLC
PIN 110027500
IMMEL GROUP, LLC
DOC. 1745850

IMMEL GROUP LLC
PIN 110027500
IMMEL GROUP, LLC
DOC. 1745850

PIN 110027501
TRAVIS L. UHLENBRAUCK
DOC. 1931207

N1982
RPL
1" ST
2043775

N1966
T&R
1" PE
2043774

N1998
T&R
1/2" PE
2043776
CUSTOMER VALVE
NEEDED AT ROW

SHEET 5

SHEET 6

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SCALE 1" = 50 '

SHEET 6 OF 16

GAS WORK REQUEST

4459720

ITEM NO.	DESCRIPTION
1	CAP 4" IPS BUTT WITH 1/2" CTS PURGE
2	CAP, 1/2" CTS SOCKET FUSION END
3	ANODE, 1 LB. MAGNESIUM
4	POST, ROUND GAS PIPE MARKER 78"

N

PL

PL

56+00

33'

33'

66'

55+00

RAW

RAW

54

JULIUS, NORMAN & VIRGINIA

ENV
8, 27

N2038
RPL
1 1/4" ST
2043777

3
2
1
4

GUY

GUY

PL

PL

PL

CAUTION **POLE GUY**

JULIUS DR 53+00

1 WAY FEED

RAW

5'

RAW

52+00

4" ST 50D 70 8060-17

PROPOSED 4" PE BORE 420'

JULIUS
PLAT OF SURVEY

SHEET 6

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SCALE 1" = 50 '

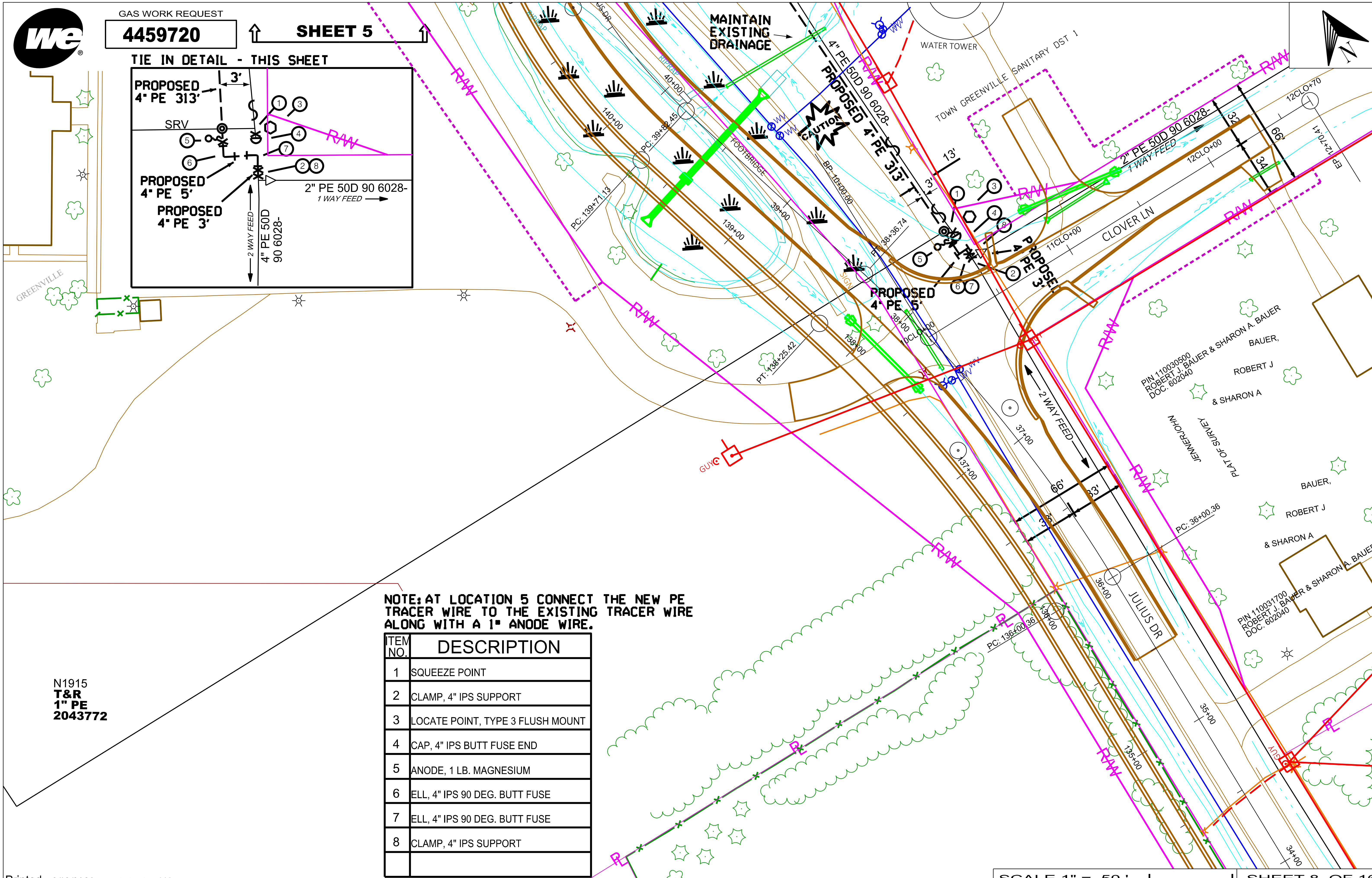
SHEET 7 OF 16

GAS WORK REQUEST

4459720

SHEET 5

TIE IN DETAIL - THIS SHEET



PROPOSED 4" PE 313'
3'
SRV
PROPOSED 4" PE 5'
PROPOSED 4" PE 3'
2" PE 50D 90 6028-
1 WAY FEED
2 WAY FEED
4" PE 50D 90 6028-
R/W
MAINTAIN EXISTING DRAINAGE
4" PE 50D 90 6028-
PROPOSED 4" PE 313'
CAUTION
WATER TOWER
TOWN GREENVILLE SANITARY DST 1
2" PE 50D 90 6028-
1 WAY FEED
12CLO+70
12CLO+00
11CLO+00
CLOVER LN
PROPOSED 4" PE 3'
PROPOSED 4" PE 5'
13'
3'
32'
66'
34'
66'
33'
2 WAY FEED
JULIUS DR
FOOTBRIDGE
BP: 10+00.00
PC: 39+82.45
PC: 139+71.13
PT: 38+36.74
PT: 138+25.42
PC: 36+00.36
PC: 136+00.36
EP: 12+70.41
140+00
139+00
138+00
137+00
136+00
135+00
40+00
39+00
38+00
37+00
36+00
35+00
34+00
GUY
PIN 110030500 ROBERT J. BAUER & SHARON A. BAUER DOC. 602040
BAUER, ROBERT J & SHARON A
JENNERJOHN PLAT OF SURVEY
PIN 110031700 ROBERT J. BAUER & SHARON A. BAUER DOC. 602040
GREENVILLE
N1915
T&R
1" PE
2043772

NOTE: AT LOCATION 5 CONNECT THE NEW PE TRACER WIRE TO THE EXISTING TRACER WIRE ALONG WITH A 1" ANODE WIRE.

ITEM NO.	DESCRIPTION
1	SQUEEZE POINT
2	CLAMP, 4" IPS SUPPORT
3	LOCATE POINT, TYPE 3 FLUSH MOUNT
4	CAP, 4" IPS BUTT FUSE END
5	ANODE, 1 LB. MAGNESIUM
6	ELL, 4" IPS 90 DEG. BUTT FUSE
7	ELL, 4" IPS 90 DEG. BUTT FUSE
8	CLAMP, 4" IPS SUPPORT

Printed 3/12/2020 8:07:15 AM

SCALE 1" = 50'

GAS WORK REQUEST

4459720

N1916
T&R
1" PE
777938

PIN 110030204
BASMAR, LLC
DOC. 1564439

LOT 1
CSM 3109
V16/P3109
DOC. 1262776

FLAG

BASMAR LLC

A/C

12' UTILITY EASEMENT DOC. 1802053

CAUTION - WATER HYDRANT IN AREA FIND WATER MAIN PRIOR TO INSTALLING THE GAS MAIN IN THIS AREA.

MAINTAIN EXISTING DRAINAGE

PROPOSED STORMSEWER TO BE BE 2.5' TO 4' DEEP INSTALL GAS MAIN AT 5' AT STATION 622WB+21 RT 103'

PROPOSED 6" PE BORE 48' DRIVEWAY

THE SOUTH CULVERT END IS NOT VISIBLE. LOCATE IN FIELD PRIOR TO INSTALLING MAIN. MAINTAIN EXISTING DRAINAGE.

DEPTH OF 418' BORE IS TO BE AT 4' TO TOP OF MAIN.

PROPOSED 6" PE 561'

PROPOSED 6" PE 108'

PROPOSED 6" PE BORE 418'

5'

R/W

RIPRAP

CAUTION

SIGN

ENV
8, 27

PIN 110030202
STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION
DOC. 885560

STATE OF WISCONSIN DEPT TRANSP

16.5' UTILITY EASEMENT J7000/19

4" PE 50D 86 8618

2 WAY FEED

GUY

63'

125'

62'

620'WB'

622'WB'

624'WB'

626'WB'

STH 15

PC: 625'WB+19.76

620'EB'

622'EB'

624'EB'

MH

WV

SHEET 10

SHEET 5

PIN 110030400
TOWN OF GREENVILLE SANITARY DISTRICT NO. 1
DOC. 1812802

WATER TOWER

TOWN GREENVILLE SANITARY DST 1

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SCALE 1" = 50 '

GAS WORK REQUEST

4459720

ITEM NO.	DESCRIPTION
1	ELL, 6" IPS 45 DEG. BUTT FUSE
2	ELL, 6" IPS 45 DEG. BUTT FUSE
3	ELL, 6" IPS 45 DEG. BUTT FUSE
4	ELL, 6" IPS 45 DEG. BUTT FUSE
5	CAP, 2" IPS SOCKET X 1/2" CTS PURGE
6	ANODE, 1 LB. MAGNESIUM
7	POST, ROUND GAS PIPE MARKER 78"
8	ANODE, 1LB MAGNESIUM
9	CAP, 1/2" CTS SOCKET FUSION END

SHEET 9

SHEET 11

ANGELA M PERRINE REVOCABLE TRUST
PIN 110030201
ANGELA M. PERRINE REVOCABLE TRUST
DATED DECEMBER 21, 2012
DOC. 1972248

N1868
INA
1/2" PE
2043476

BYTOF
FAMILY LTD
PARTNERSHIP

PIN 110030801
THE BYTOF FAMILY LIMITED PARTNERSHIP
DOC. 1732839

LOT 2
CSM 5720
V33/P5720
DOC. 1775497

DEDICATED TO THE PUBLIC

CL EASEMENT 1691/140

N1866
INA
1/2" PE
2043478

CAUTION - STORM SEWER IN AREA. LOCATE IN FIELD PRIOR TO INSTALLING GAS MAIN.

12" SEDIMENT LOGS 50' APART

PROPOSED 6" PE 149'

PROPOSED 6" PE 371'

PROPOSED 6" PE 371'

PROPOSED 6" PE BORE 115'

PROPOSED 6" PE 43'

4" PE 50D 86 8618

4" ST 50D 70 8060-17

4" ST 50D 68 8019-126

2 WAY FEED

STH 15

PC: 627+04.67

PT: 627+41.10

PC: 627EB+04.67

PT: 631WB+36.95

STA BACK = 633WB+19.72

PT: 633EB+12.73

STA AHEAD = 633WB+12.73

TPP 6430-06-00-4.02

PROPOSED 2" PE BORE 123'

PROPOSED 2" PE BORE 437'

PROPOSED 2" PE BORE 472'

2" PE TO BE 4' BETWEEN STAT 628+93 TO 629+05

2" PE TO BE 4' UNDER DRIVEWAY

NOTE - EXTRA DEPTH REQUIRED FROM STATION 631EB+00 TO 636EB+00. MAIN DEPTH TO BE 5' DEEP.

ENV
8, 27

BORE PIT

N1875
T&R
1" PE
767265

N1873
HOUSE
T&R
1/2" PE
2043479

N1873
SHOP
T&R
1" PE
4041919

N1881
T&R
1/2" PE
746762

N1867
T&R
1/2" PE
2043477

N1857

DOUGHTY
PLAT OF SURVEY

PIN 110031508
JOHN B. HAYES & DAWN M. HAYES
DOC. 1920382

HAYES,
JOHN B
& DAWN M

PIN 110031509
JOSEPH M. JOHNSON
DOC. 1429099

PIN 110031504
PAUL H. JENNERJAHN &
KATHLEEN M. JENNERJAHN
DOC. 941937

RASMUSSEN,
ANTHONY R
& BOBBIE

PIN 110031000
ANTHONY R. RASMUSSEN &
BOBBIE L. ANDERSON-RASMUSSEN
DOC. 1053556

NENNIG
POS

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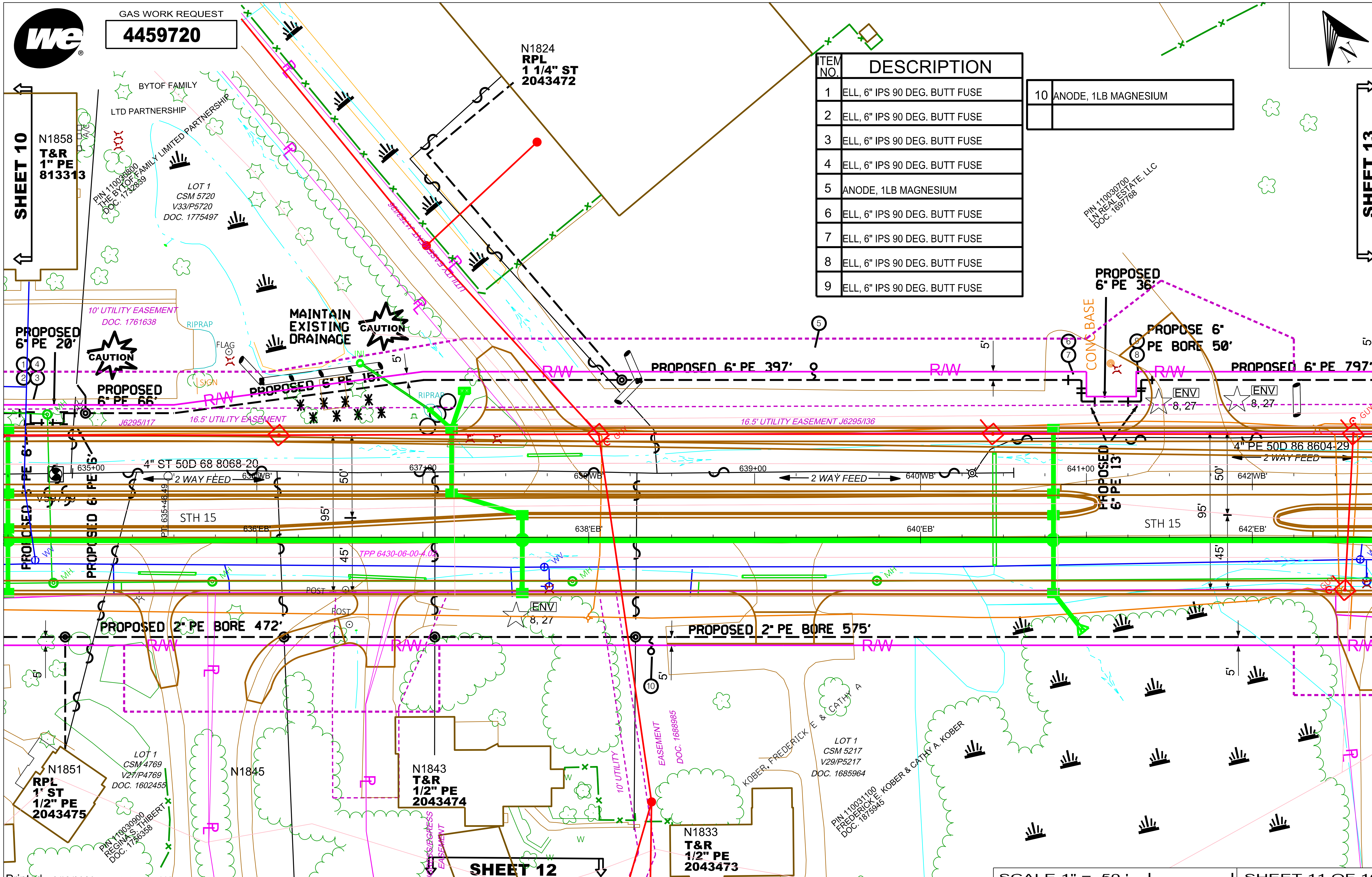
SCALE 1" = 50'

SHEET 10 OF 16

GAS WORK REQUEST

4459720

ITEM NO.	DESCRIPTION
1	ELL, 6" IPS 90 DEG. BUTT FUSE
2	ELL, 6" IPS 90 DEG. BUTT FUSE
3	ELL, 6" IPS 90 DEG. BUTT FUSE
4	ELL, 6" IPS 90 DEG. BUTT FUSE
5	ANODE, 1LB MAGNESIUM
6	ELL, 6" IPS 90 DEG. BUTT FUSE
7	ELL, 6" IPS 90 DEG. BUTT FUSE
8	ELL, 6" IPS 90 DEG. BUTT FUSE
9	ELL, 6" IPS 90 DEG. BUTT FUSE
10	ANODE, 1LB MAGNESIUM



SHEET 10
SHEET 13
SHEET 12
N1824 RPL 1 1/4" ST 2043472
N1858 T&R 1" PE 813313
BYTOF FAMILY LTD PARTNERSHIP
PIN 110030800 THE BYTOF FAMILY LIMITED PARTNERSHIP DOC. 1732839
LOT 1 CSM 5720 V33/P5720 DOC. 1775497
10' UTILITY EASEMENT DOC. 1761638
RIPRAP
FLAG
SIGN
MAINTAIN EXISTING DRAINAGE
CAUTION
PROPOSED 6" PE 20'
PROPOSED 6" PE 66'
PROPOSED 6" PE 15'
PROPOSED 6" PE 397'
PROPOSED 6" PE 797'
PROPOSED 6" PE 36'
PROPOSE 6" PE BORE 50'
PROPOSED 6" PE 13'
PROPOSED 6" PE 6'
PROPOSED 6" PE 5'
PROPOSED 2" PE BORE 472'
PROPOSED 2" PE BORE 575'
CONC BASE
PIN 110030700 LN REAL ESTATE, LLC DOC. 1697768
16.5' UTILITY EASEMENT J6295/I17
16.5' UTILITY EASEMENT J6295/I36
4" ST 50D 68 8068-20
4" PE 50D 86 8604-29
2 WAY FEED
STH 15
TPP 6430-06-00-4.02
ENV 8, 27
R/W
N1851 RPL 1" ST 1/2" PE 2043475
LOT 1 CSM 4769 V27/P4769 DOC. 1602455
PIN 110030900 REGINA S. THIBERT DOC. 1756358
N1845
N1843 T&R 1/2" PE 2043474
N1833 T&R 1/2" PE 2043473
10' UTILITY EASEMENT DOC. 1688985
INGRESS/EGRESS EASEMENT
KOBER, FREDERICK E & CATHY A
LOT 1 CSM 5217 V29/P5217 DOC. 1685964
PIN 110031100 FREDERICK E. KOBER & CATHY A. KOBER DOC. 1875945

SCALE 1" = 50'

GAS WORK REQUEST

4459720

SHEET 11

N

LOT 2
CSM 5217
V29/P5217
DOC. 1685964

T&R
1" PE
796589

W

THIBERT, REGINA S

PERRINE, ANGELA M

PIN 110031101
ANGELA M. PERRINE REVOCABLE TRUST DATED DECEMBER 21, 2012
DOC. 1972248

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SCALE 1" = 50 '

SHEET 12 OF 16

GAS WORK REQUEST

4459720

ITEM NO.	DESCRIPTION
1	ANODE, 1 LB MAGNESIUM
2	ELL, 6" IPS 90 DEG. BUTT FUSE
3	ELL, 6" IPS 90 DEG. BUTT FUSE
4	TEE, PE SERVICE 2" X 1"
5	TEE, PE SERVICE 2" X 1"
6	TEE, PE MED VOLUME 2" X 2"
7	CLAMP, 2" IPS SUPPORT
8	CLAMP, 2" IPS SUPPORT
9	CAP, 2" IPS SOCKET FUSION END
10	SQUEEZE POINT
11	CAP, 2" IPS SOCKET FUSION END
12	TEE, PE MED VOLUME 2" X 2"
13	SQUEEZE POINT
14	SQUEEZE POINT

SHEET 11

SHEET 14

30' SANITARY SEWER & WATERMAIN EASEMENT DOC. 1229836

12' UTILITY EASEMENT

LOT 57 1ST ADDITION TO WILD FLOWER FIELD

LOT 1 CSM 3263 V17/P3263 DOC. 1286416

PIN 110246700 SK EVERGREEN PARK, LLC ETAL DOC. 1878237, 1878238, 1878239

PIN 110247000 DN DEVELOPMENTS, LLC DOC. 1739023

LOT 56 1ST ADDITION TO WILD FLOWER FIELD

DEVELOPMENTS

PIN 110030700 LN REAL ESTATE, LLC DOC. 1697768

PROPOSED 6" PE 797'

PROPOSED 6" PE 13'

12 SEDIMENT LOGS 50' SPACING

4" PE 50D 02 800113 2 WAY FEED

ABDN 4" ST

STH 15

PROPOSED 6" PE 228'

PROPOSED 2" PE BORE 575'

PROPOSED 2" PE BORE 501'

PROPOSED 2" PE BORE 415'

2" PE TO BE 4' UNDER DRIVEWAY

BORE PIT

PROPOSED 1" PE 11'

UNABLE TO BYPASS NO TEE MATERIAL FOR 1" MAIN

1" PE 50D 99 701766 1 WAY FEED

2" PE 50D 07 2580778 1 WAY FEED

PROPOSED 2" PE 12'

1" BYPASS REQUIRED

TPP 6430-06-00-4.02

N1797 RPL 1/2" PL 2043469

PIN 110031300 ROBERT W PROBST DOC. 914757

PIN 110031201 ROBERT W PROBST DOC. 996609

PIN 110031200 ROBERT W PROBST DOC. 996609

PIN 110031400 ROBERT W PROBST DOC. 1715551

PIN 110357002 CJPV, LLC DOC. 1858303

LOT 2 CSM 574 V3/P574 DOC. 974511

LOT 1 CSM 574 V3/P574 DOC. 974511

LOT 3 CSM 574 V3/P574 DOC. 974511

LOT 3 CSM 5608 V32/P5608 DOC. 1756593

PROBST, ROBERT W

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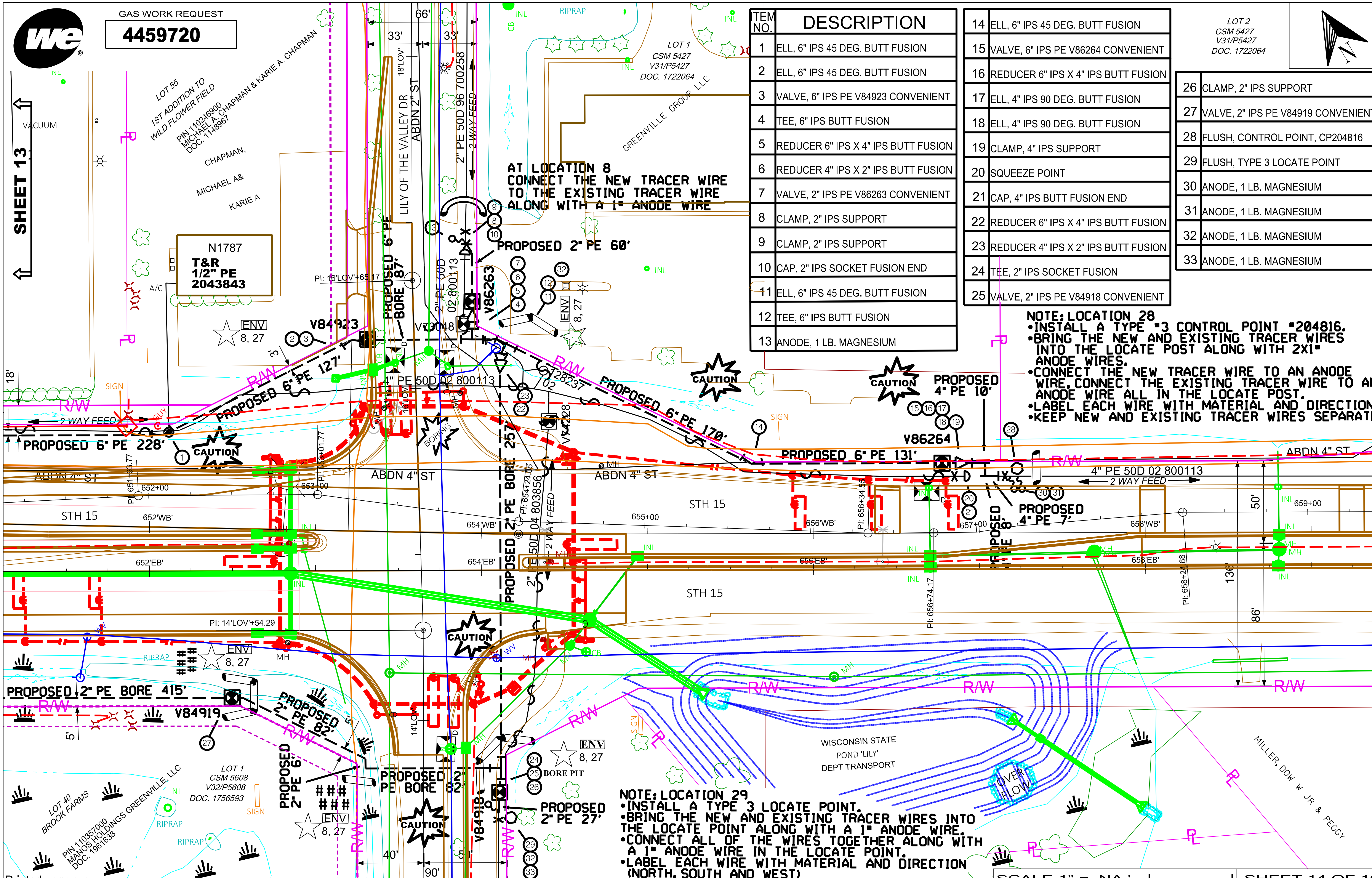
SCALE 1" = 50'

GAS WORK REQUEST

4459720



ITEM NO.	DESCRIPTION
1	ELL, 6" IPS 45 DEG. BUTT FUSION
2	ELL, 6" IPS 45 DEG. BUTT FUSION
3	VALVE, 6" IPS PE V84923 CONVENIENT
4	TEE, 6" IPS BUTT FUSION
5	REDUCER 6" IPS X 4" IPS BUTT FUSION
6	REDUCER 4" IPS X 2" IPS BUTT FUSION
7	VALVE, 2" IPS PE V86263 CONVENIENT
8	CLAMP, 2" IPS SUPPORT
9	CLAMP, 2" IPS SUPPORT
10	CAP, 2" IPS SOCKET FUSION END
11	ELL, 6" IPS 45 DEG. BUTT FUSION
12	TEE, 6" IPS BUTT FUSION
13	ANODE, 1 LB. MAGNESIUM
14	ELL, 6" IPS 45 DEG. BUTT FUSION
15	VALVE, 6" IPS PE V86264 CONVENIENT
16	REDUCER 6" IPS X 4" IPS BUTT FUSION
17	ELL, 4" IPS 90 DEG. BUTT FUSION
18	ELL, 4" IPS 90 DEG. BUTT FUSION
19	CLAMP, 4" IPS SUPPORT
20	SQUEEZE POINT
21	CAP, 4" IPS BUTT FUSION END
22	REDUCER 6" IPS X 4" IPS BUTT FUSION
23	REDUCER 4" IPS X 2" IPS BUTT FUSION
24	TEE, 2" IPS SOCKET FUSION
25	VALVE, 2" IPS PE V84918 CONVENIENT
26	CLAMP, 2" IPS SUPPORT
27	VALVE, 2" IPS PE V84919 CONVENIENT
28	FLUSH, CONTROL POINT, CP204816
29	FLUSH, TYPE 3 LOCATE POINT
30	ANODE, 1 LB. MAGNESIUM
31	ANODE, 1 LB. MAGNESIUM
32	ANODE, 1 LB. MAGNESIUM
33	ANODE, 1 LB. MAGNESIUM

NOTE: LOCATION 28
- INSTALL A TYPE #3 CONTROL POINT #204816.
- BRING THE NEW AND EXISTING TRACER WIRES INTO THE LOCATE POST ALONG WITH 2X1# ANODE WIRES.
- CONNECT THE NEW TRACER WIRE TO AN ANODE WIRE, CONNECT THE EXISTING TRACER WIRE TO AN ANODE WIRE ALL IN THE LOCATE POST.
- LABEL EACH WIRE WITH MATERIAL AND DIRECTION.
- KEEP NEW AND EXISTING TRACER WIRES SEPARATE.

NOTE: LOCATION 29
- INSTALL A TYPE 3 LOCATE POINT.
- BRING THE NEW AND EXISTING TRACER WIRES INTO THE LOCATE POINT ALONG WITH A 1# ANODE WIRE.
- CONNECT ALL OF THE WIRES TOGETHER ALONG WITH A 1# ANODE WIRE IN THE LOCATE POINT.
- LABEL EACH WIRE WITH MATERIAL AND DIRECTION (NORTH, SOUTH AND WEST)

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SCALE 1" = NA '

GAS WORK REQUEST

4459720

N2011 SERVICE CROSSING APPROX. STATION 596WB+52 SHEET 2

STATION	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52
OFFSET	LT 80'	LT 60'	LT 55'	0	RT 26'	RT 60'	RT 115'	RT 132'	RT 150'	RT 170'
TOP OF MAIN ELEVATION	897	892	891	891	891	891	891	893	895	896
APPROX DEPTH FROM EXISTING	3'	9'	9'	9'	7'	8'	7'	6'	3'	3'
LOCATION	ELL									
NOTES	P-NORTH	E-COMM	P-DITCH	P-RL	P-DITCH	P-RL	P-DITCH	P-RL	P-DITCH	P-ROW
	ROW		NORTH-WB	WB	MEDIAN	EB	EAST	MUT	S-MUT	SOUTH

JULIUS DRIVE CROSSING APPROX. STATION 44JUL+10 SHEET 5

STATION	44+10	44+10	44+10	44+10	44+10	44+10	44+10	44+10
OFFSET	LT 43'	0	RT 8'	RT 27'	RT 41'	RT 44'	RT 47'	RT 70'
TOP OF MAIN ELEVATION	880	880	880	880	879	879	879	880
APPROX DEPTH FROM EXISTING	9'	7'	7'	4.5'	7'	7'	7'	7'
LOCATION	ELL							TEE
NOTES	WEST	P-DITCH	E-TELE	E-GAS	E-DITCH	P-RL	P-DITCH	E-SAN
	ROW	NORTH-WB			NORTH	WB	MEDIAN	

STH 15 CROSSING APPROX. STATION 616WB+79 SHEET 5

STATION	616+79	616+79	616+79	616+79	616+79	616+79	616+79	616+79
OFFSET	LT 106'	LT 78'	LT 55'	LT 50'	LT 36'	0	RT 38'	RT 53'
TOP OF MAIN ELEVATION	877	874	874	874	874	874	874	874
APPROX DEPTH FROM EXISTING	4'	7'	7'	7'	4'	9'	7'	5'
LOCATION	TEE							
NOTES	NORTH	P-DITCH	E-TELE	E-GAS	E-DITCH	P-RL	P-DITCH	E-SAN
	ROW	NORTH-WB			NORTH	WB	MEDIAN	

STH 15 CROSSING APPROX. STATION 616WB+79 SHEET 5 CONTINUED

STATION	616+79	616+79	616+79	616+79				
OFFSET	RT 60'	RT 74'	RT 92'	RT 103'				
TOP OF MAIN ELEVATION	874	874	874	874				
APPROX DEPTH FROM EXISTING	5'	5'	4'	5'				
LOCATION				ELL				
NOTES	P-RL	E-WATER	E-WATER	SOUTH				
	EB			ROW				

LILY OF THE VALLEY DRIVE CROSSING (NORTH) APPROX. STATION 16LOTV+14 SHEET 14

STATION	16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30	
OFFSET	LT 38'	LT 27'	LT 18'	0	RT 9'	RT 15'	RT 22'	RT 35'	RT 50'	
TOP OF MAIN ELEVATION	817	817	817	817	817	817	817	817	817	
APPROX DEPTH FROM EXISTING	3'	3'	4'	4'	4'	4'	4'	4'	4'	
LOCATION	ELL							TEE	ELL	
NOTES	WEST	E-FIBER	E-SAN	P-RL	E-STORM	E-WATER	ABDN	P-GAS	EAST	
	ROW			JUL			GAS		ROW	

STH 15 CROSSING APPROX. STATION 654WB+12 SHEET 14

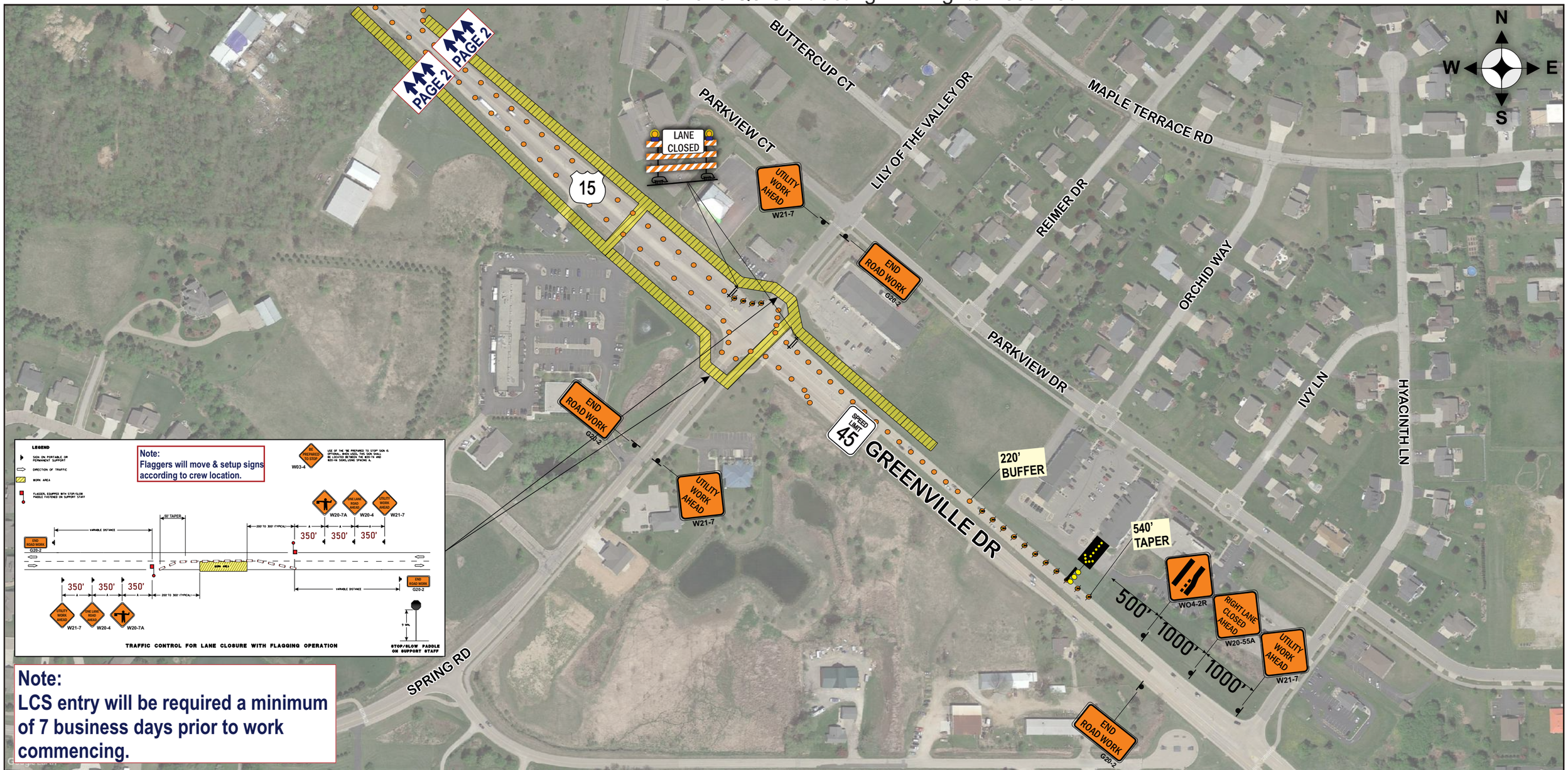
STATION	654+12	654+12	654+12	654+12	654+12	654+12	654+12	654+12
OFFSET	LT 114'	LT 78'	LT 71'	LT 44'	LT 38'	0	RT 43'	RT 75'
TOP OF MAIN ELEVATION	817	817	817	821	821	821	817	816
APPROX DEPTH FROM EXISTING	4'	5'	5'	4'	4'	4'	7	6'
LOCATION	TEE							
NOTES	NORTH	E-ELEC	E-FIBER	E-COMM	ABDN	P-RL	P-STO	E-WATER
	ROW				GAS	WB	CAUTION	

STH 15 CROSSING APPROX. STATION 654WB+12 SHEET 14

STATION	654+12	654+12	654+12					
OFFSET	RT 84'	RT 108'	RT 141'					
TOP OF MAIN ELEVATION	818.5	819	822					
APPROX DEPTH FROM EXISTING	6.5'	6'	4'					
LOCATION			TEE					
NOTES	E-SAN	E-STO	SOUTH					
			END					

LILY OF THE VALLEY DRIVE CROSSING (SOUTH) APPROX. STATION 13LOTV+71 SHEET 12

STATION	13+71	13+71	13+71	13+71	13+71	13+71	13+71	13+71
OFFSET	RT 47'	RT 30'	RT 25'	RT 17'	0	LT 21'	LT 27'	LT 35'
TOP OF MAIN ELEVATION	821	821	821	821	821	820	818	819
APPROX DEPTH FROM EXISTING	4'	4.5'	4'	4'	4'	4'	4'	4'
LOCATION	TEE							
NOTES	EAST	E-ELEC	E-STO	E-WATER	P-RL	E-SAN	E-DITCH	WEST
	ROW				LOTV			END



Note:
LCS entry will be required a minimum of 7 business days prior to work commencing.

TRAFFIC CONTROL LEGEND

WORK AREA	ARROWBOARD
TEMP. SIGN SUPPORT	
TRAFFIC CONTROL DRUM WITH LIGHT	
TRAFFIC CONTROL DRUM WITHOUT LIGHT	
42" GRABBER CONE	
FLAGGER	
TYPE III BARRICADE WITH ATTACHED SIGN	

NOTES

- RIGHT LANE CLOSURES ALONG GREENVILLE DR/STH 15, EASTBOUND & WESTBOUND.
- FLAGGING SETUP ALONG LILY OF THE VALLEY DR.

Note:
Flaggers will move & setup signs according to crew location.

REFERENCE DOT S.D.D. 15 C 12-4

REFERENCE DOT S.D.D. 15 D 20-4

Primoris Services Corporation
Q3 Contracting: 262-522-8015

Q3 JOB NO: 2531000
PROJECT/P.O.#: 4459720 | IO#MRL21501630
PREPARED BY: ASHLEY OLSON
DATE PREPARED: 02/24/2020
STAGING TIME: 1 HOUR
CUSTOMER NAME: WE ENERGIES (WISC)
ORDERED BY: GREG SMEDEMA
PROJECT LOCATION: STH 15 & NORTH RD
CITY: ELLINGTON
WORK DESCRIPTION: PAVING RELOCATION

Note:
LCS entry will be required a minimum of 7 business days prior to work commencing.

TRAFFIC CONTROL LEGEND

WORK AREA	
TEMP. SIGN SUPPORT	
TRAFFIC CONTROL DRUM WITHOUT LIGHT	
42" GRABBER CONE	
FLAGGER	

NOTES

- SHOULDER CLOSURE ALONG GREENVILLE DR/STH 15.
- FLAGGING SETUP ALONG JULIUS DR.

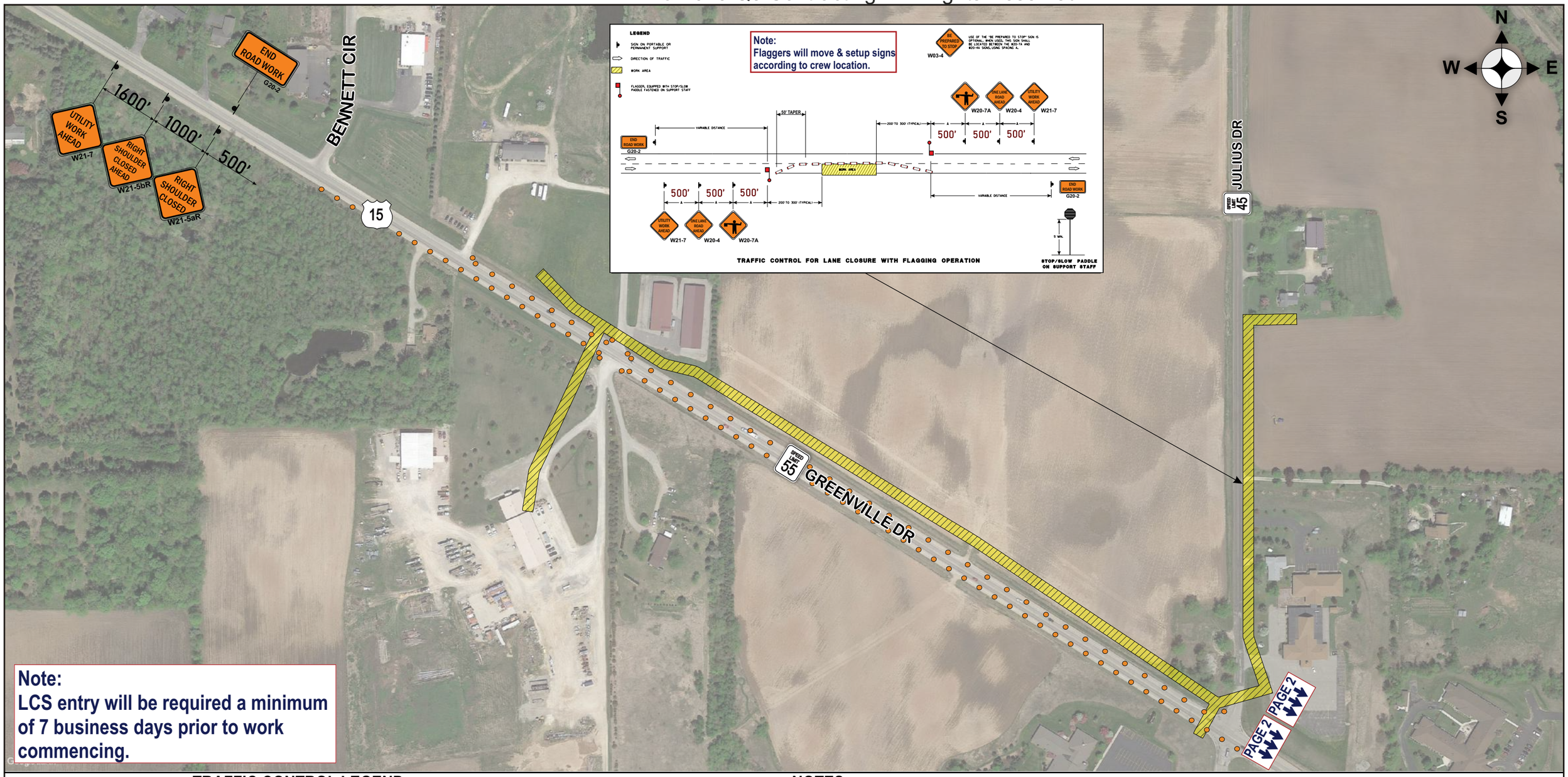
Note:
Flaggers will move & setup signs according to crew location.

REFERENCE DOT S.D.D. 15 C 12-4

REFERENCE DOT S.D.D. 15 D 27-3

Primoris Services Corporation
Q3 Contracting: 262-522-8015

Q3 JOB NO: 2531000
PROJECT/P.O.#: 4459720 | IO#MRL21501630
PREPARED BY: ASHLEY OLSON
DATE PREPARED: 02/24/2020
STAGING TIME: 1 HOUR
CUSTOMER NAME: WE ENERGIES (WISC)
ORDERED BY: GREG SMEDEMA
PROJECT LOCATION: STH 15 & NORTH RD
CITY: ELLINGTON
WORK DESCRIPTION: PAVING RELOCATION



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

Note:
LCS entry will be required a minimum of 7 business days prior to work commencing.

TRAFFIC CONTROL LEGEND

WORK AREA	
TEMP. SIGN SUPPORT	
TRAFFIC CONTROL DRUM WITHOUT LIGHT	
42" GRABBER CONE	
FLAGGER	

NOTES

- SHOULDER CLOSURE ALONG GREENVILLE DR/STH 15.
- FLAGGING SETUP ALONG JULIUS DR.

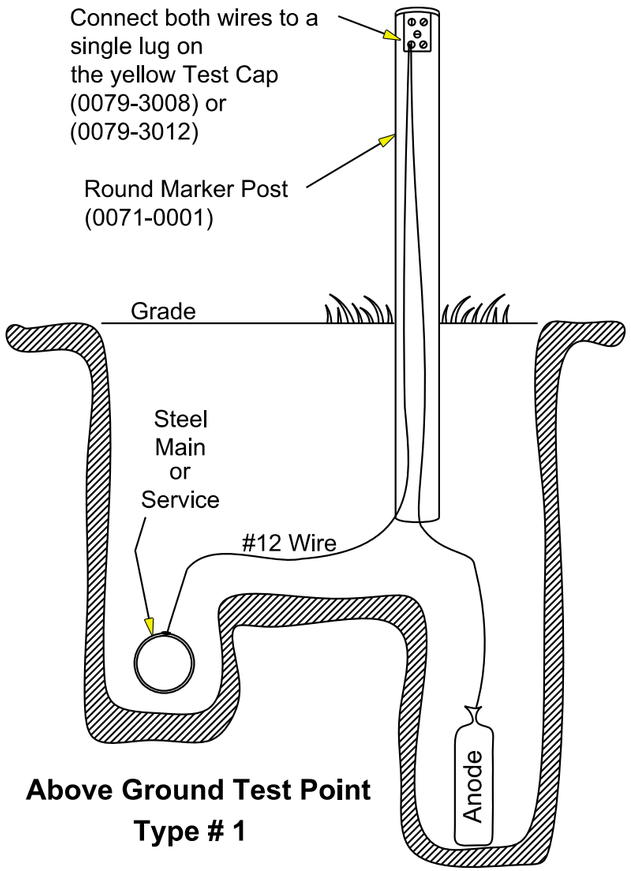
Note:
Flaggers will move & setup signs according to crew location.

REFERENCE DOT S.D.D. 15 D 27-3
REFERENCE DOT S.D.D. 15 C 12-4

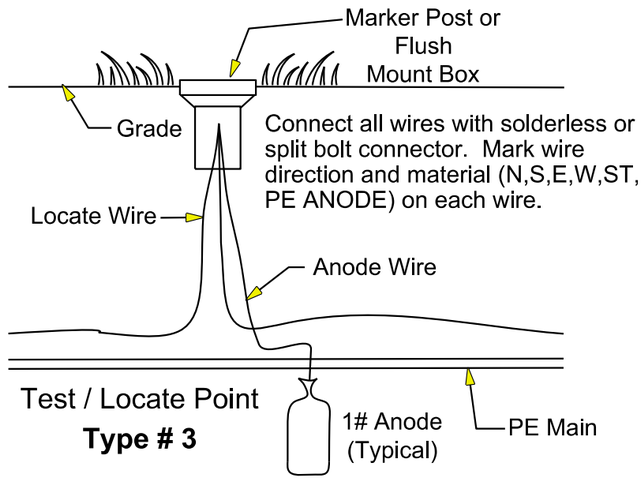
Primoris Services Corporation
Q3 Contracting: 262-522-8015

Q3 JOB NO:	2531000
PROJECT/P.O.#:	4459720 | IO#MRL21501630
PREPARED BY:	ASHLEY OLSON
DATE PREPARED:	02/24/2020
STAGING TIME:	1 HOUR
CUSTOMER NAME:	WE ENERGIES (WISC)
ORDERED BY:	GREG SMEDEMA
PROJECT LOCATION:	STH 15 & NORTH RD
CITY:	ELLINGTON
WORK DESCRIPTION:	PAVING RELOCATION

GAS WORK REQUEST



Above Ground Test Point
Type # 1



Test / Locate Point
Type # 3

WE ENERGIES - GAS OPERATIONS

Unless otherwise noted in this document, the following notes apply:
Existing facilities should be field verified prior to excavation.
Utility information shown are from plans and have not been field verified.
Maintain 12" min vertical clearance at crossing of existing electrical facilities.
Maintain 6" min vertical clearance at crossing of other existing facilities.
Maintain 18" min vertical clearance at crossing of existing storm sewer pipes.
Maintain 5' clearance from storm sewer inlets.
Staking of route or ROW by surveyor required prior to construction.
Clearances shown are min distances - reference permit for specific clearance requirements.
Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201.
Restore all pavement, ROW, sidewalks, and customer's private property.

CONVENTIONAL SYMBOLS

- END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE - 2' x 4' EXCAVATION.
- VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE
- 17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH
- GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION
- (MC) METER CHANGE
- (T&R) TEST & RECONNECT SERVICE
- (RPL) REPLACE SERVICE

EROSION CONTROL LEGEND

- ENV 8, 27 — APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
- A/B/C/D — INLET PROTECTION, TYPE
- 12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
- STONE DITCH CHECK
- ROCK BAG
- MULCH
- SOIL STABILIZER, TYPE A
- EROSION MAT CLASS I, TYPE A
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I, TYPE A URBAN
- EROSION MAT CLASS I, TYPE B URBAN
- EROSION MAT CLASS II
- EROSION MAT CLASS III
- VEGETATIVE BUFFER
- TRACKING PAD
- TIMBER MAT
- SILT FENCE
- TSB — TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

2. If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
5. When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

6. Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
   a. Any quantity of oil is spilled into surface water;
   b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
   c. Any oil spill containing greater than 500 ppm PCB;
   d. Five gallons or more of oil spilled to the ground;
   e. Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specific points within each work request:

Dewatering

8. Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
11. If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
12. Excavated soils cannot be stockpiled in wetlands.
13. All excess spoils shall be removed from wetlands and placed in a suitable upland location.
14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

Waterways

16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
18. Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Speces

19. Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
21. Exclusion fencing must be installed at the work area prior to March 15.
22. A qualified biologist must be present when conducting work at this location.

Invasive Species

23. State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/).

Cultural and Historical Resources, cont.

24. The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
25. If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
26. A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
    a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
    b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.

SDD 15D28 Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

If shoulder closure encroaches onto or over the travel way edgeline, a lane closure with flagging should be utilized instead.

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
W / S	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

W = SHOULDER WIDTH (FEET
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L= WS AT 45 MPH OR GREATER
L = WS² / 60 AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = 1/3L

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

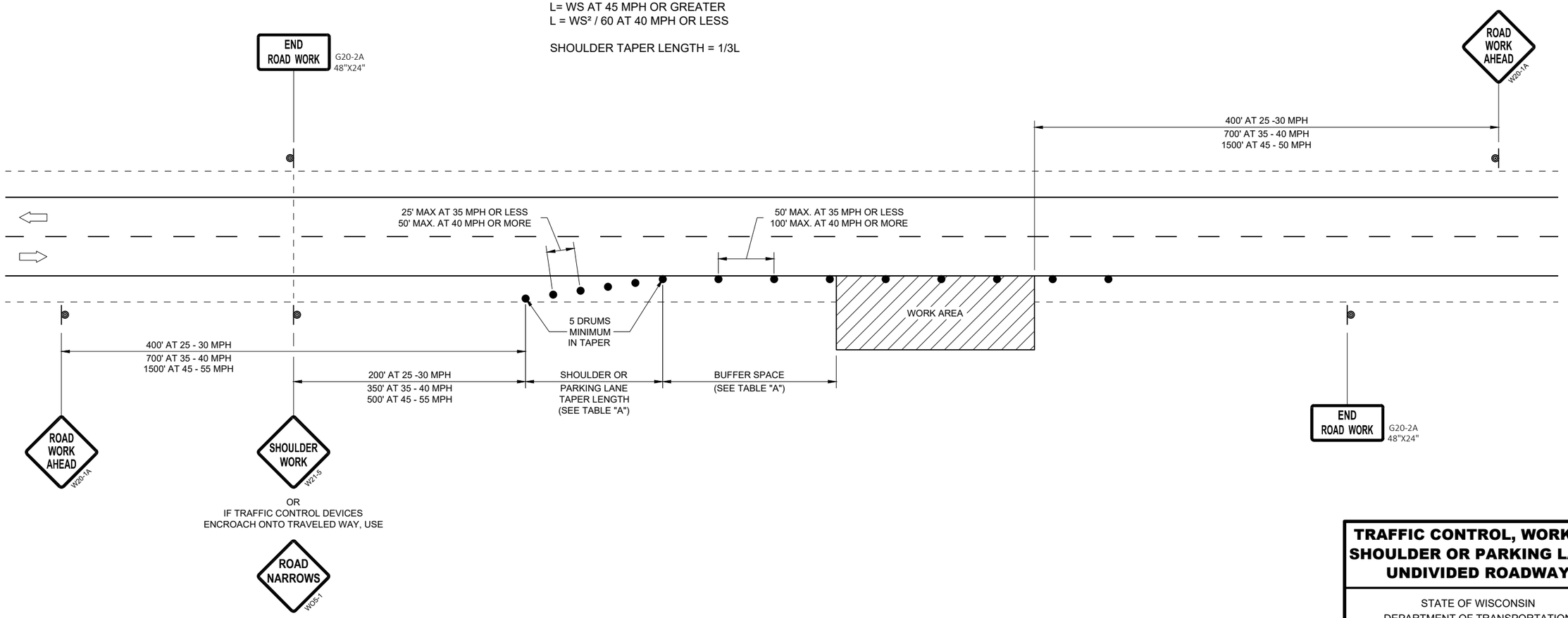
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY RESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

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SDD 15D28 - 03