



SPECIAL SUPPLEMENTAL PERMIT PROVISIONS

It is understood and agreed that approval of this utility permit is subject to applicant's full compliance with the standard supplemental permit provisions, special supplemental provisions found listed below, and the Wisconsin Department of Transportation's *Utility Accommodation Policy (UAP)*, current edition (Also known as Highway Maintenance Manual – Chapter 9, Section 15)
<http://www.dot.wisconsin.gov/business/rules/property-uap.htm>

Permit Number: 2019292

1. If shoulder closure encroaches on travel way edgeline with vehicle/equipment, a lane closure with flagging should be utilized instead.
2. For the temp full roadway closure, 2 flagger operation should be utilized to hold both directions of travel during the remove/install of the OH line
3. (HMM 09-15-60-4.2) Send the LCS request to WisDOT for review and approval at the appropriate time in accordance with the following advance notifications guidelines:
 - a. 7 calendar days for any freeway ramp, lane or shoulder closure
 - b. 7 calendar days for full roadway closure of any state highway (detour involved)
 - c. 7 calendar days for closures that may impact oversize/overweight (OSOW) permits
 - d. 3 business days for closures non-freeway or shoulder closuresContact Josh Falk, (920) 366-8033 or joshua.falk@dot.wi.gov.
4. (HMM 09-15-25-2.2) Facilities crossing over the highway shall at no time be less than 17 feet above the high point of the traveled way.
5. (HMM 09-15-45-5.0) Restore any curb, gutter, pavement, shoulder, sidewalk, driveway, gravel base, ballast, or other highway element disturbed to the qualities, grades, compactions, conditions, etc., in accordance with WisDOT's [Standard Specifications for Highway and Structure Construction, current edition](#).



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

DT1553

7/2017

Wisconsin Department of Transportation
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 500 S 116TH ST WEST ALLIS, WI 53214		2. Work Start Date Upon Approval 9/16/2019	3. Work Finish Date 10/31/2020	6. Location Description (¼ section, section, town, range; provide plat and/or location maps) 12 SW T14N R18E	
4. Is the work due to a WisDOT highway project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Applicant Work Order (If any) 4275310		7. Work Location (List all that apply) Town: EDEN Village: _____ City: _____ County: Fond Du Lac	8. Highway (List all that apply) WIS: _____ US: 45 Interstate: _____
9. Facility Type (Check all that apply) and Description (Size, material, voltage, pressure, # fibers, etc.) <input type="checkbox"/> Comm: _____ <input checked="" type="checkbox"/> Electric: 24.9kV <input type="checkbox"/> Gas/Oil: _____ <input type="checkbox"/> Water: _____ <input type="checkbox"/> Sewer: _____ <input type="checkbox"/> Casing: _____ <input type="checkbox"/> Conduit: _____ <input type="checkbox"/> _____: _____ <input type="checkbox"/> Transmission <input type="checkbox"/> Service <input checked="" type="checkbox"/> Distribution <input type="checkbox"/> Service (ESCP)		12. Proposed Work Methods (Check all that apply) <input type="checkbox"/> Trench <input type="checkbox"/> Plow <input type="checkbox"/> Place fill <input type="checkbox"/> Rock blasting <input type="checkbox"/> Place cable <input type="checkbox"/> Open cut <input type="checkbox"/> in conduit <input type="checkbox"/> pavement <input type="checkbox"/> Hand/mechanical excavation Bore: <input type="checkbox"/> Hydraulic (Auger/Jack/Tunnel) <input type="checkbox"/> Pneumatic (Mole) <input type="checkbox"/> Directional 1 (Manually tracked) <input type="checkbox"/> Directional 2 (Computer tracked) <input type="checkbox"/> Unknown (At this time)		13. Work Zone Description (Check all that apply). (Provide relevant diagram(s) with application.) <input type="checkbox"/> Not applicable <input type="checkbox"/> Full road closure: detour <input checked="" type="checkbox"/> Full road closure: temporary <input type="checkbox"/> Lane closure: without flagging <input checked="" type="checkbox"/> Lane closure: with flagging <input type="checkbox"/> Lane encroachment (2 feet or less) <input type="checkbox"/> Intersection/roundabout <input checked="" type="checkbox"/> Shoulder/parking lane closure <input type="checkbox"/> Railroad crossing Freeway/expressway location <input type="checkbox"/> Off shoulder: < 30' off white line <input type="checkbox"/> Off shoulder: ≥ 30' off white line <input type="checkbox"/> Near right-of-way line or fence Non-freeway/expressway location <input checked="" type="checkbox"/> Off shoulder: < 15' off white line <input checked="" type="checkbox"/> Off shoulder: ≥ 15' off white line <input type="checkbox"/> Back of curb: < 2' behind <input type="checkbox"/> Back of curb: ≥ 2' behind	
10. Facility Orientation (Check all that apply) <input type="checkbox"/> Underground <input checked="" type="checkbox"/> Overhead <input checked="" type="checkbox"/> Crossing <input type="checkbox"/> Parallel <input type="checkbox"/> OSOW high clearance route <input type="checkbox"/> Structure attachment <input type="checkbox"/> Scenic easement (Off right-of-way)		Install or attach to poles/towers: <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Existing <input checked="" type="checkbox"/> Guys WE ENERGIES (~Diameter) (Name of existing owner) (Provide details for all guy-wires on plan sheets) Pothole (Subsurface excavation): <input type="checkbox"/> Air <input type="checkbox"/> Water Tree/vegetation control: <input checked="" type="checkbox"/> Trim (Prune) <input type="checkbox"/> Plant <input type="checkbox"/> Remove (Cut) <input type="checkbox"/> Mow <input type="checkbox"/> Chemically treat		14. Is the facility near a survey monument? HMM 09-15-35 If yes, call (866) 568-2852 or email geodetic@dot.wi.gov . <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 15. Will appurtenances be installed with the facility? If yes, provide a description and/or specification for each item. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 16. Trans 401 project designation? If Major, provide a formal erosion control plan. HMM 09-15-55 <input type="checkbox"/> Major <input checked="" type="checkbox"/> 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. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11. Work Types (Check all that apply) <input checked="" type="checkbox"/> New facility <input checked="" type="checkbox"/> Remove <input type="checkbox"/> Joint install <input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> Improve or repair existing <input type="checkbox"/> Discontinue, left in place <input type="checkbox"/> Chemically treat					

* 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 Nicholas Welch (WEC Project Manager)	Telephone Number 414-944-5765	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.
19. Utility or Project 24/7 Emergency Contact WE ENERGIES EMERGENCY HOTLINE	Telephone Number 800-662-4797	
20. Provide company name and address of utility authorized representative if not employed by the applicant. Melvin Arentsen (Utility Authorized Representative Signature – If filled via computer, brush script font) 8/22/2019 (Date) melvin.arentsen@we-energies.com Designer 920-918-7872 (Title) (Telephone Number) (Email Address)		
21. Provide additional work details, if needed (use back page or include separate pages) 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 ↓

<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Review All Supplemental Permit Provisions <input checked="" type="checkbox"/> Revisions Made to Drawings or Other Pages <input checked="" type="checkbox"/> Lane Closure System notification required HMM 09-15-60 <input type="checkbox"/> Insurance or performance bond required <input type="checkbox"/> Joint installation: See permit(s) # _____ <input type="checkbox"/> Private utility (Non-public ownership and/or use) <input type="checkbox"/> Expedited Service Connection Permit <input type="checkbox"/> This permit voids & supersedes # _____ issued: _____ <input type="checkbox"/>	Application Received 9/11/2019 Application Completed Permit Issued 9/19/2019 Permit Extended Permit Amended Permit Number 2019292

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

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 2019.** The Permittee shall not work on January 1, May 27, July 4, September 2, and November 28, 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

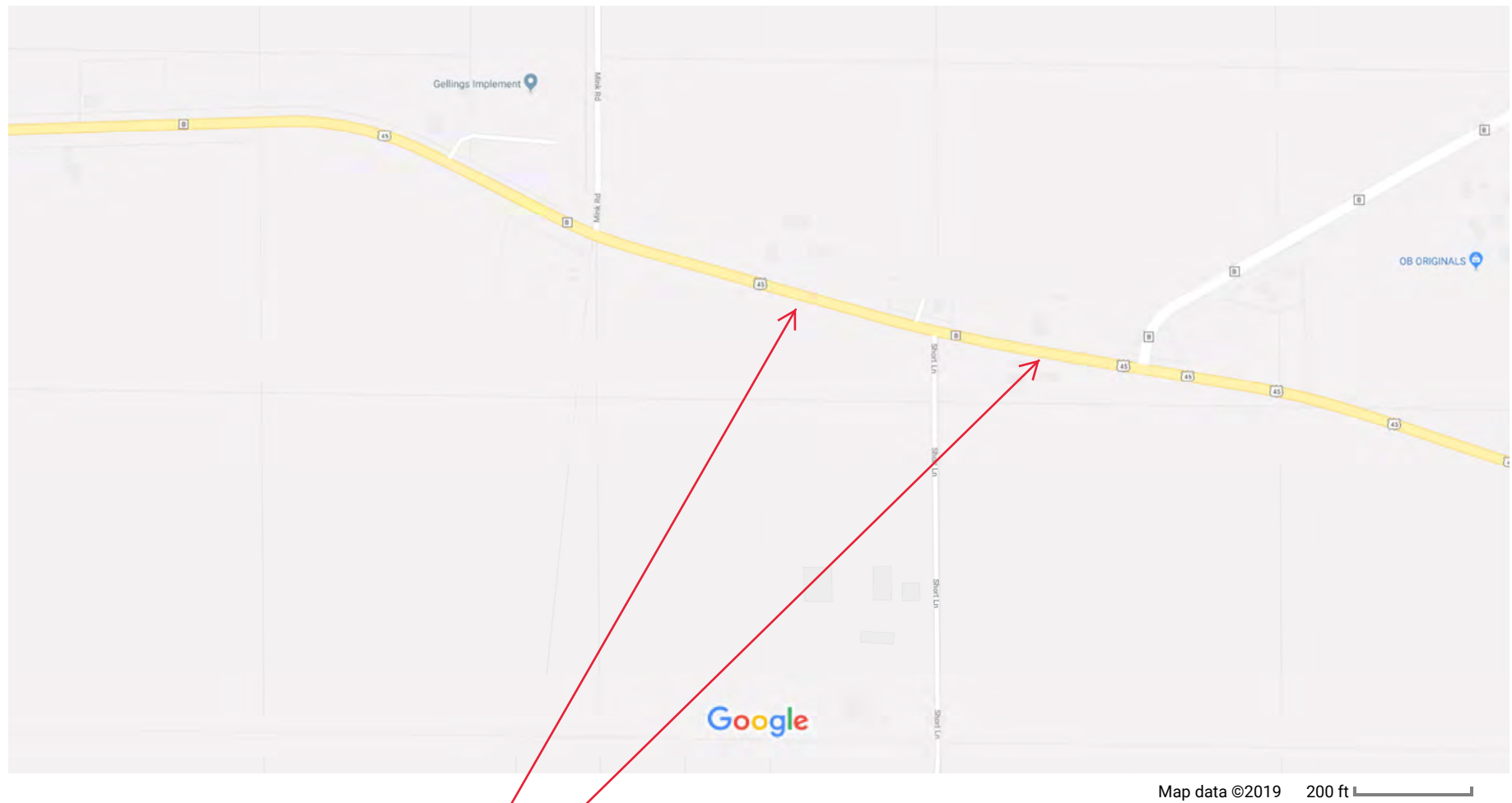
14. **NOTIFICATIONS / CONTACTS.** Notify Northeast Region permit coordinator/field inspector, by phone or email, three days prior to the start of construction. Notify Diggers' Hotline 800/242-8511 at least three working days prior to the start of any excavation. It is the obligation of the permittee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

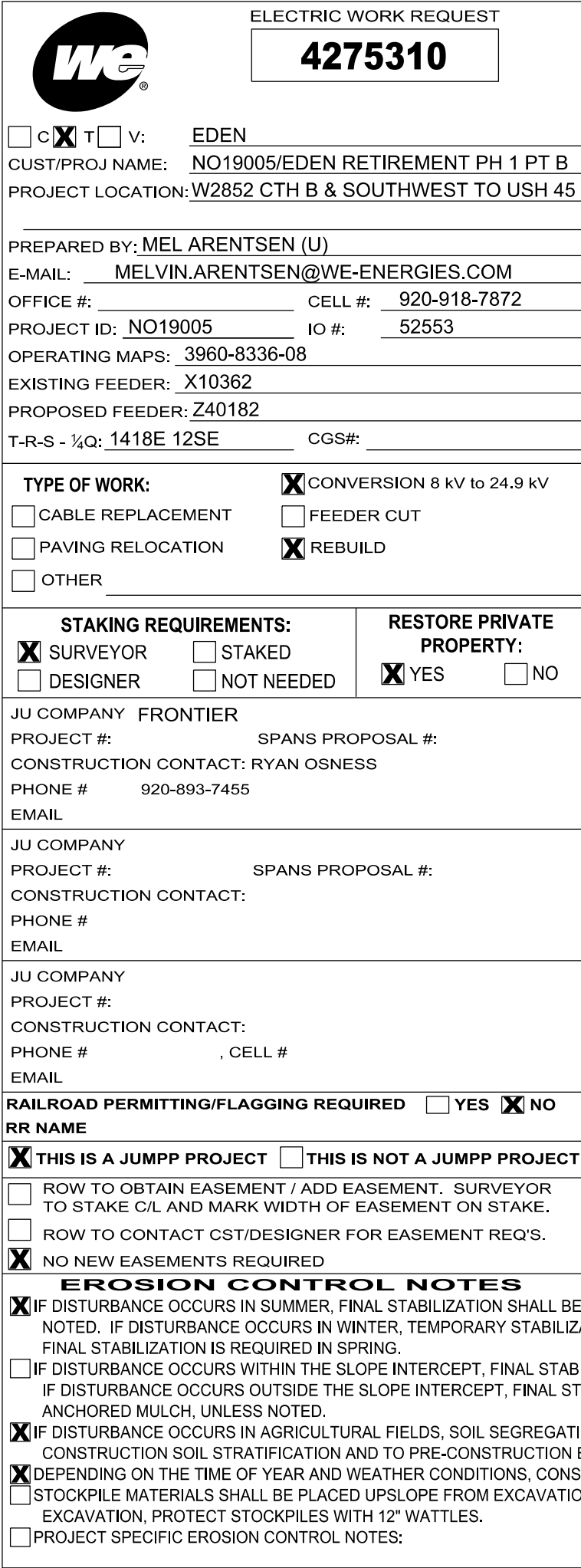
Google Maps



CLICK LINK TO VIEW THIS
AREA IN GOOGLE MAPS

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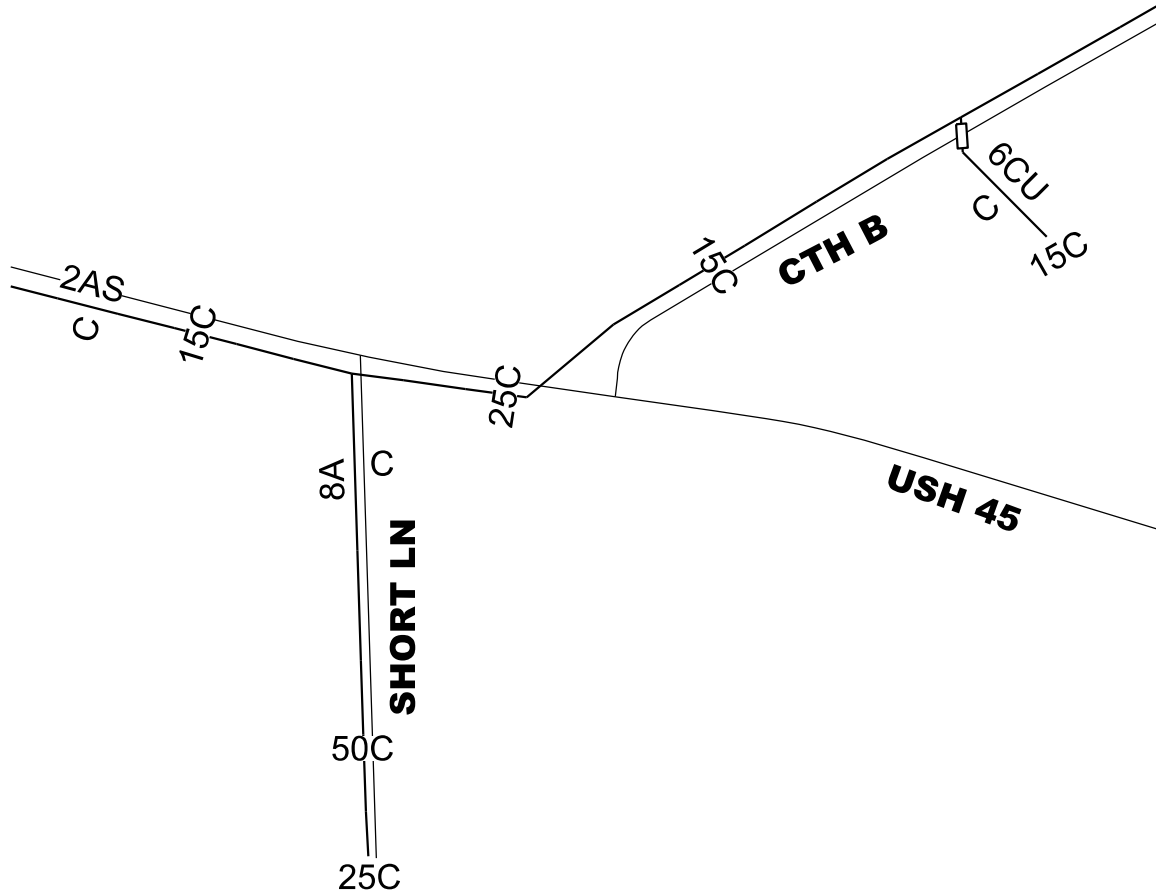
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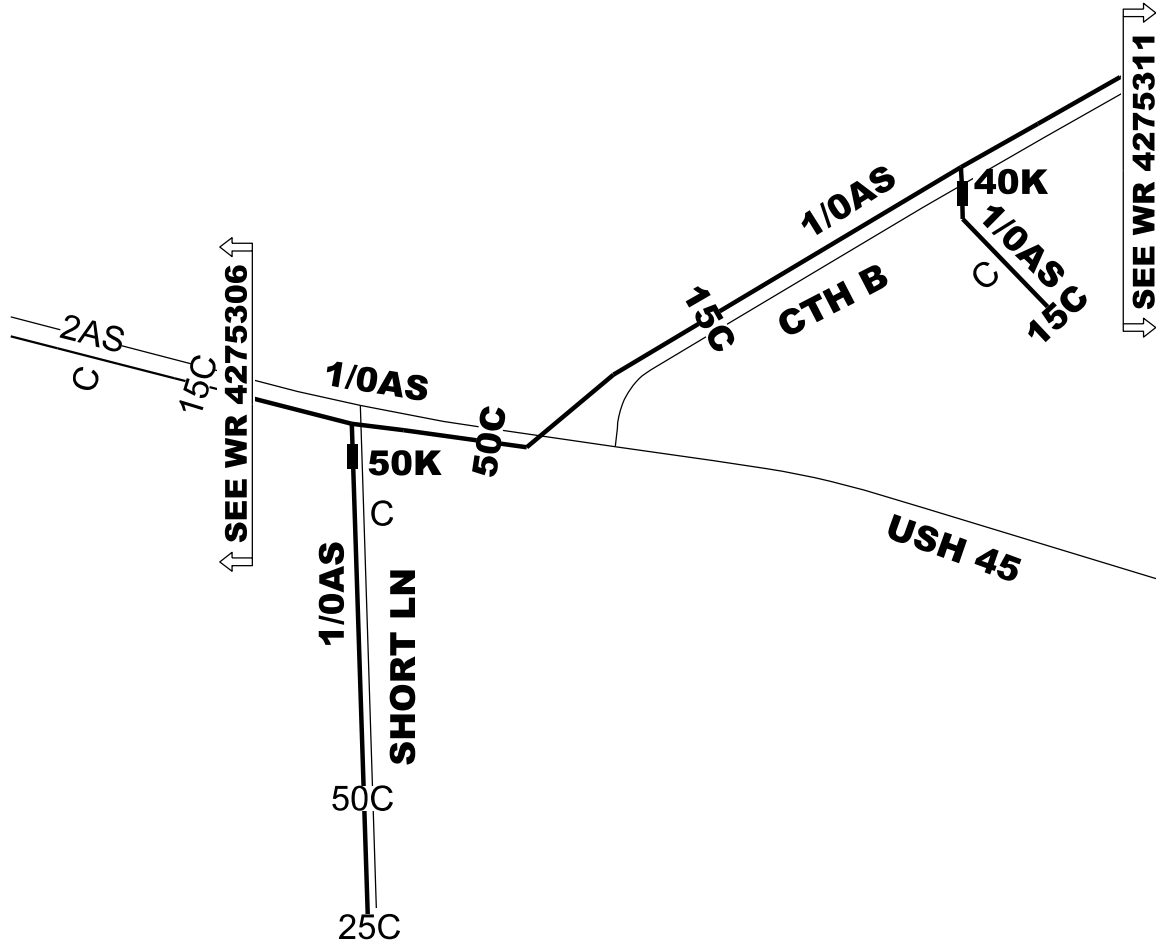
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1	50K FUSE ADDED ON TAP ON SHORT LN	PA	4-3-19
2	EROSION REDLINES ADDED	PA	4-3-19
3	WETLAND DATA ADDED	NF	4-16-19
4	ENVIRONMENTAL NOTES ADDED	PA	7-23-19
5	REVISED DESIGN NEAR W2852 CTH B AND AT ADDRESS W2896 CTH B, REMOVED SERVICE INSTALL @ POINT 310	MA	8-1-19

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SHEET 1 OF 15

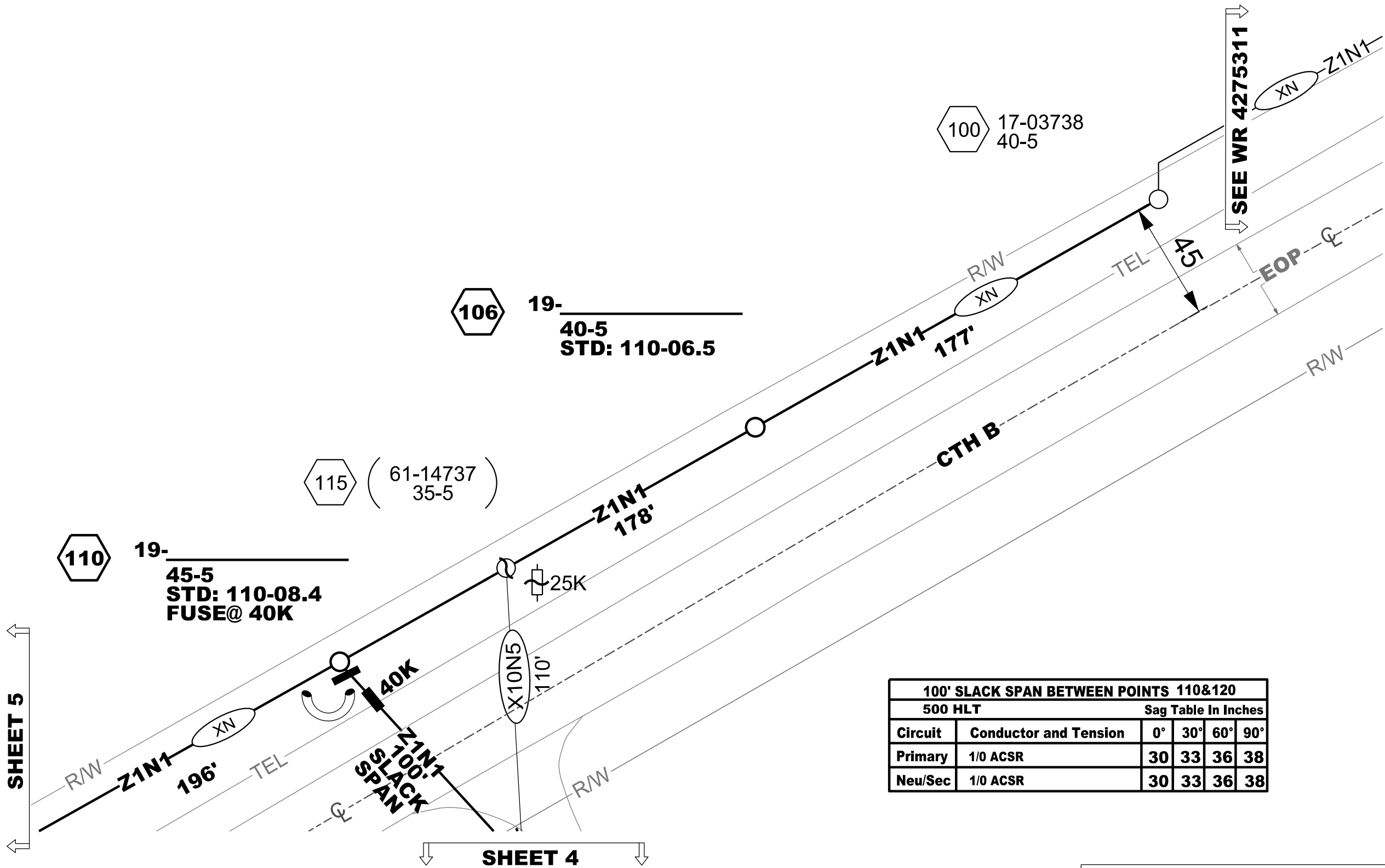


EXISTING FEEDER X10362
PROPOSED FEEDER Z40182





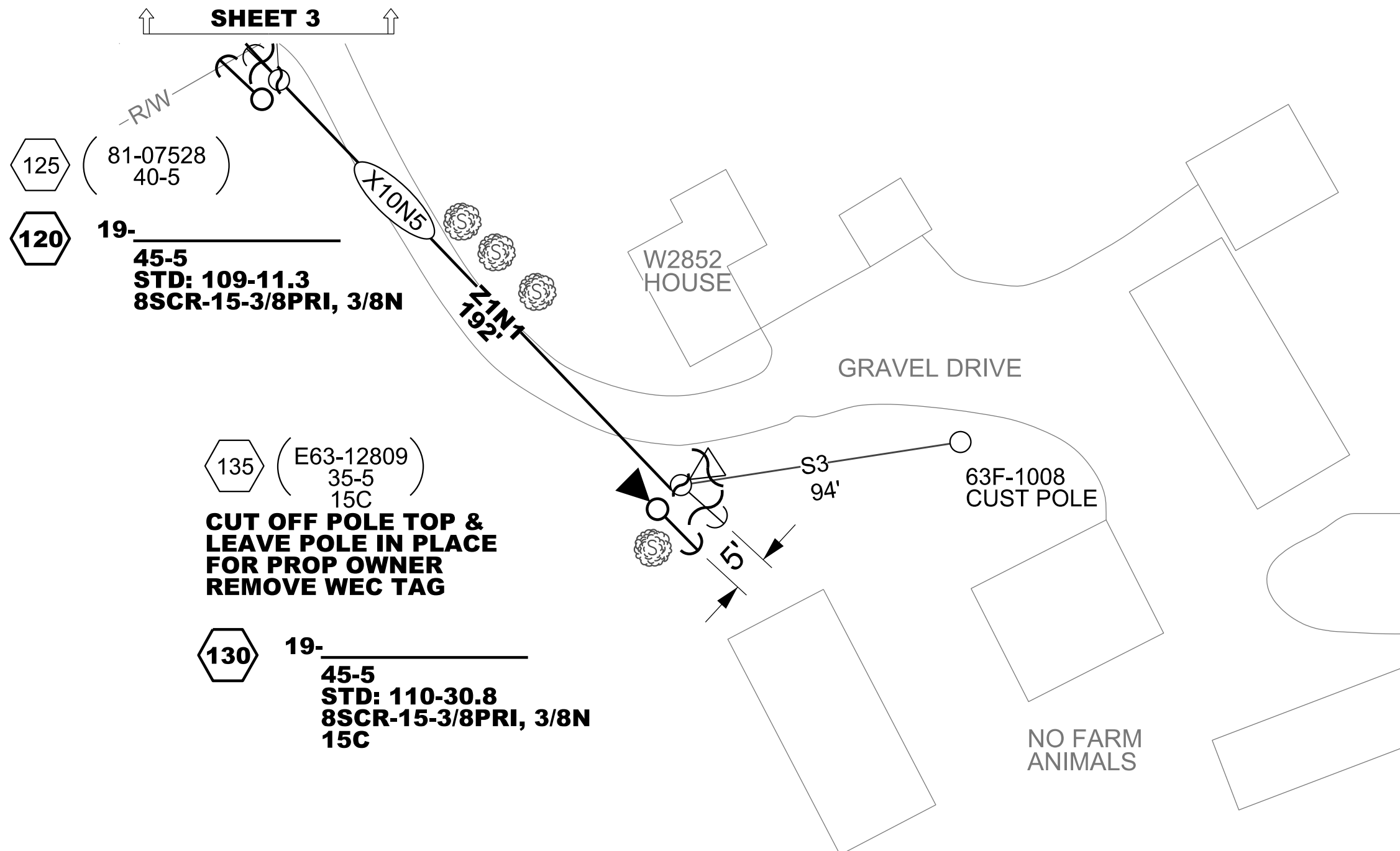
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100' SLACK SPAN BETWEEN POINTS 110&120					
500 HLT		Sag Table In Inches			
Circuit	Conductor and Tension	0°	30°	60°	90°
Primary	1/0 ACSR	30	33	36	38
Neu/Sec	1/0 ACSR	30	33	36	38

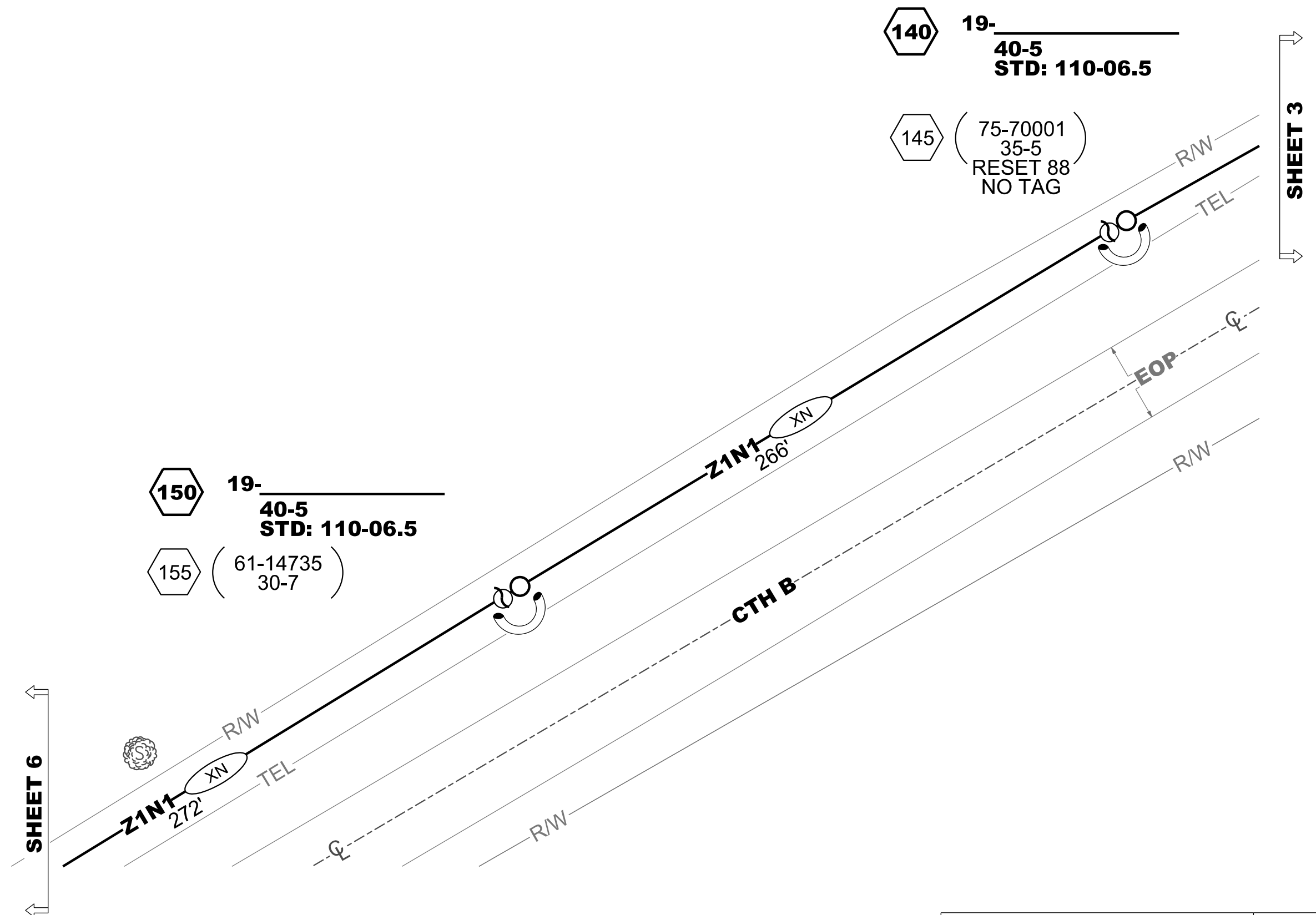


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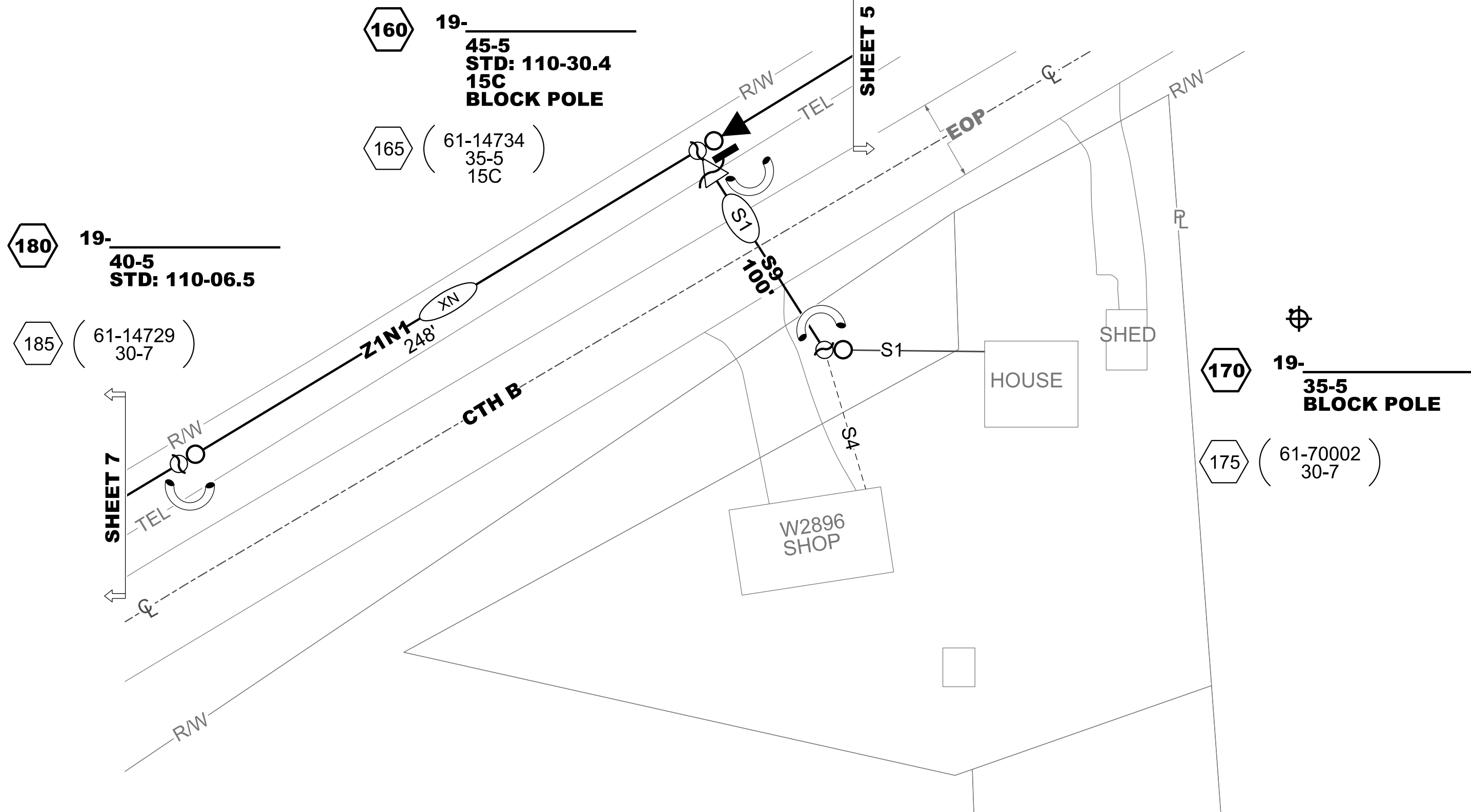


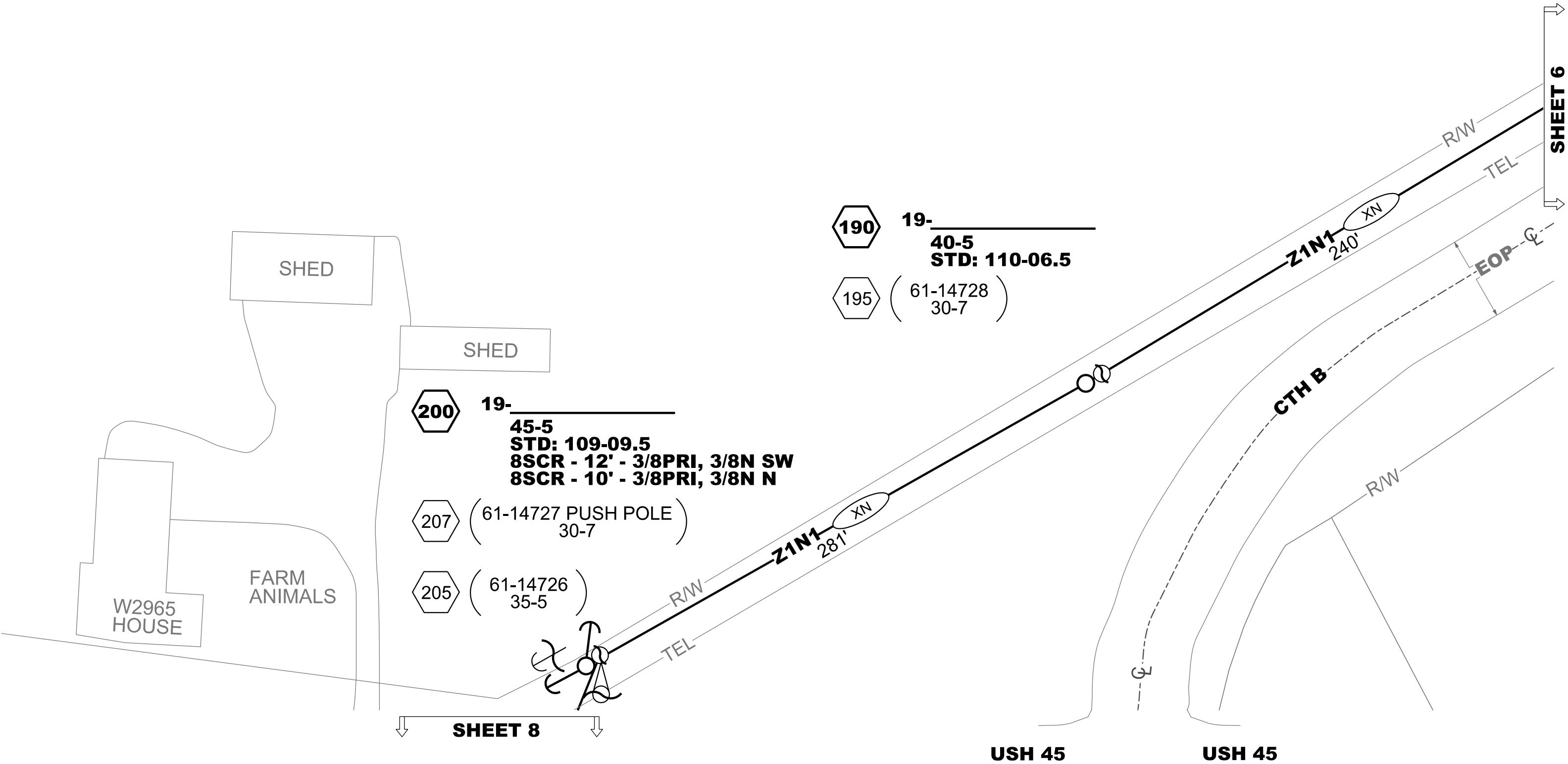
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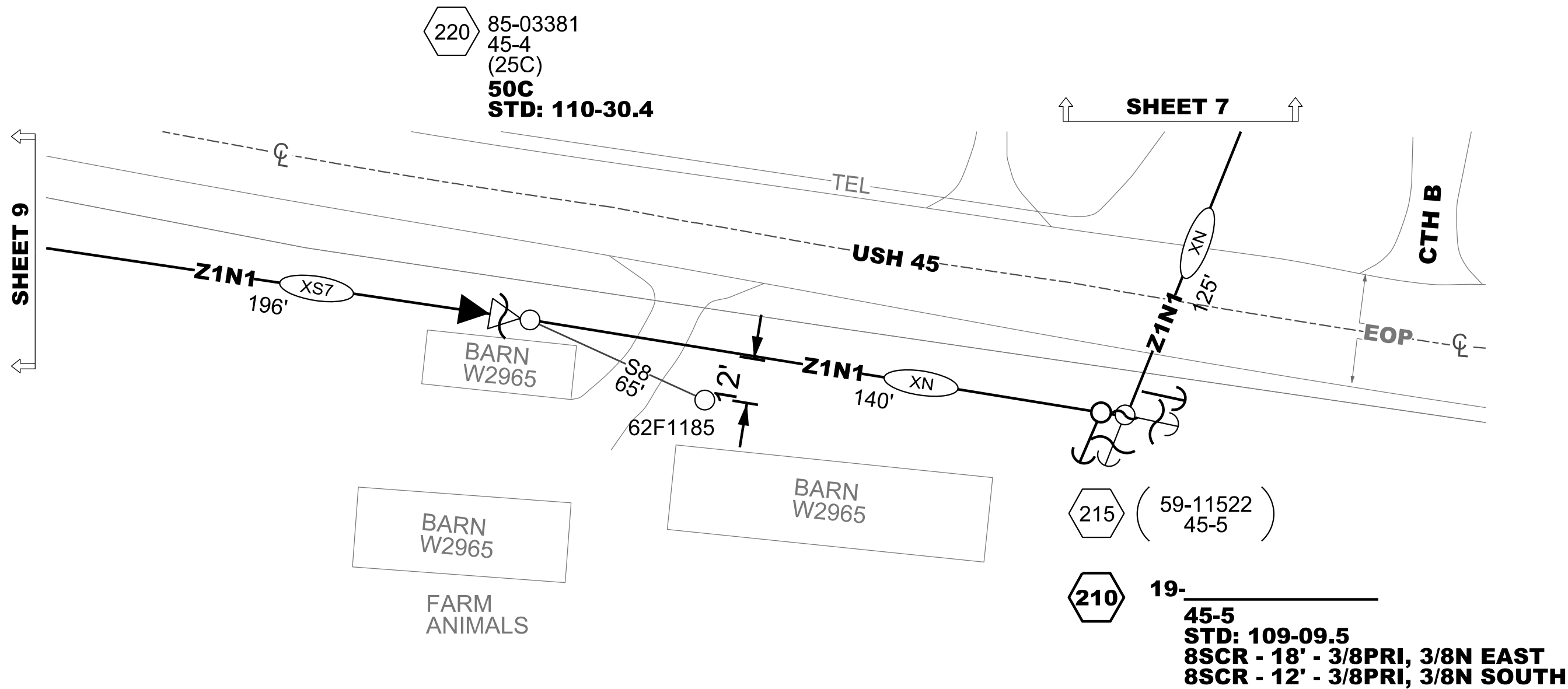


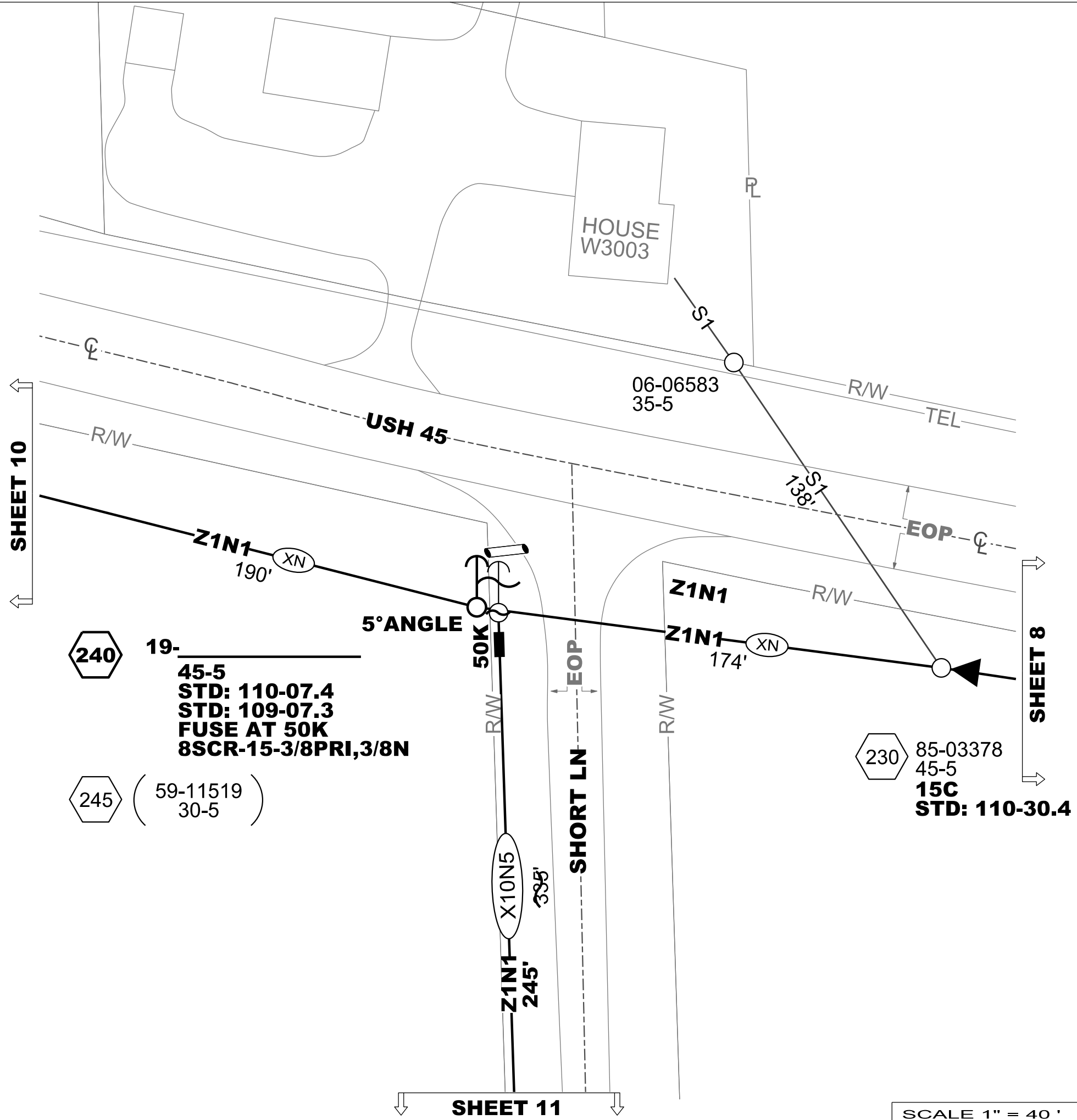


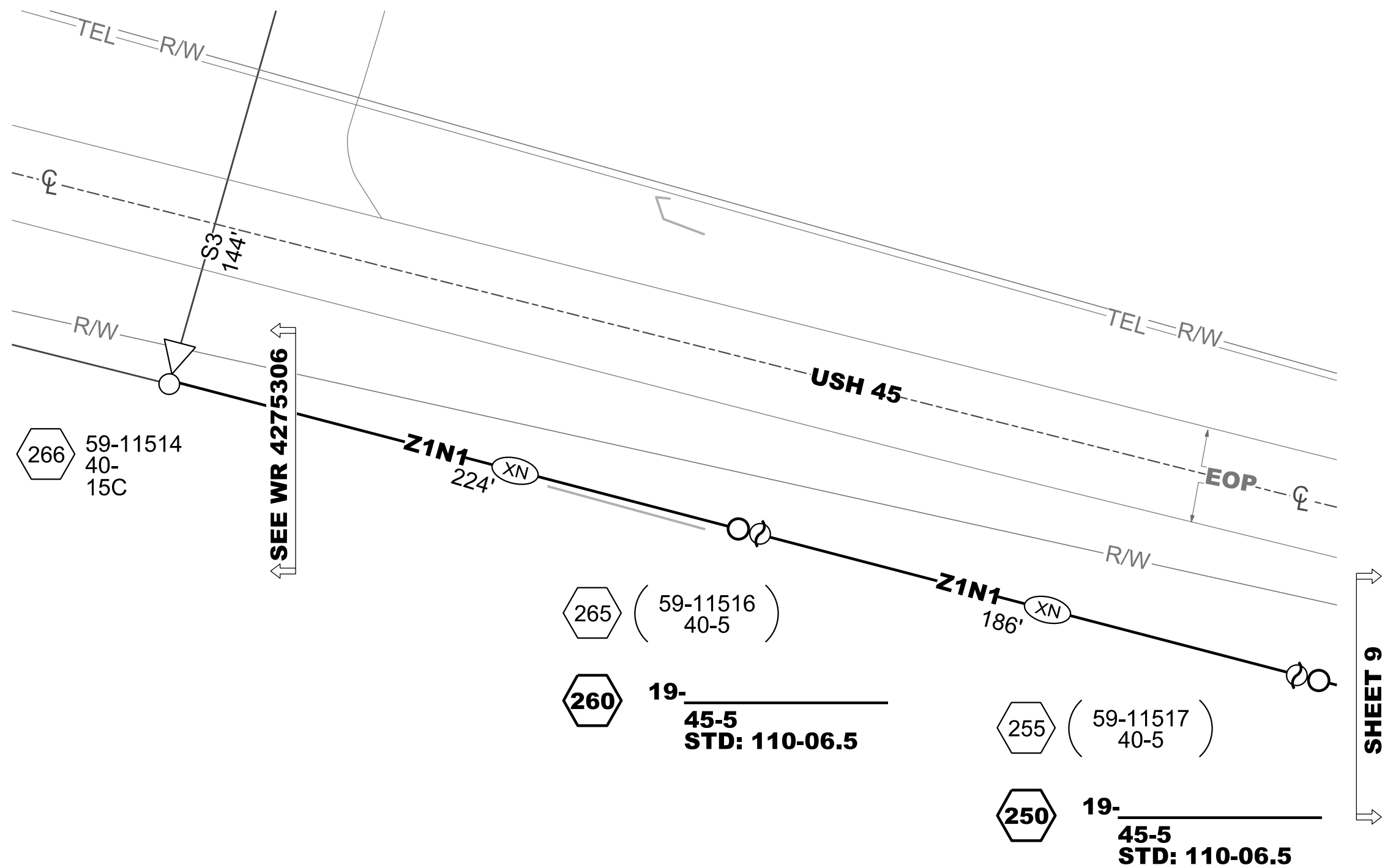
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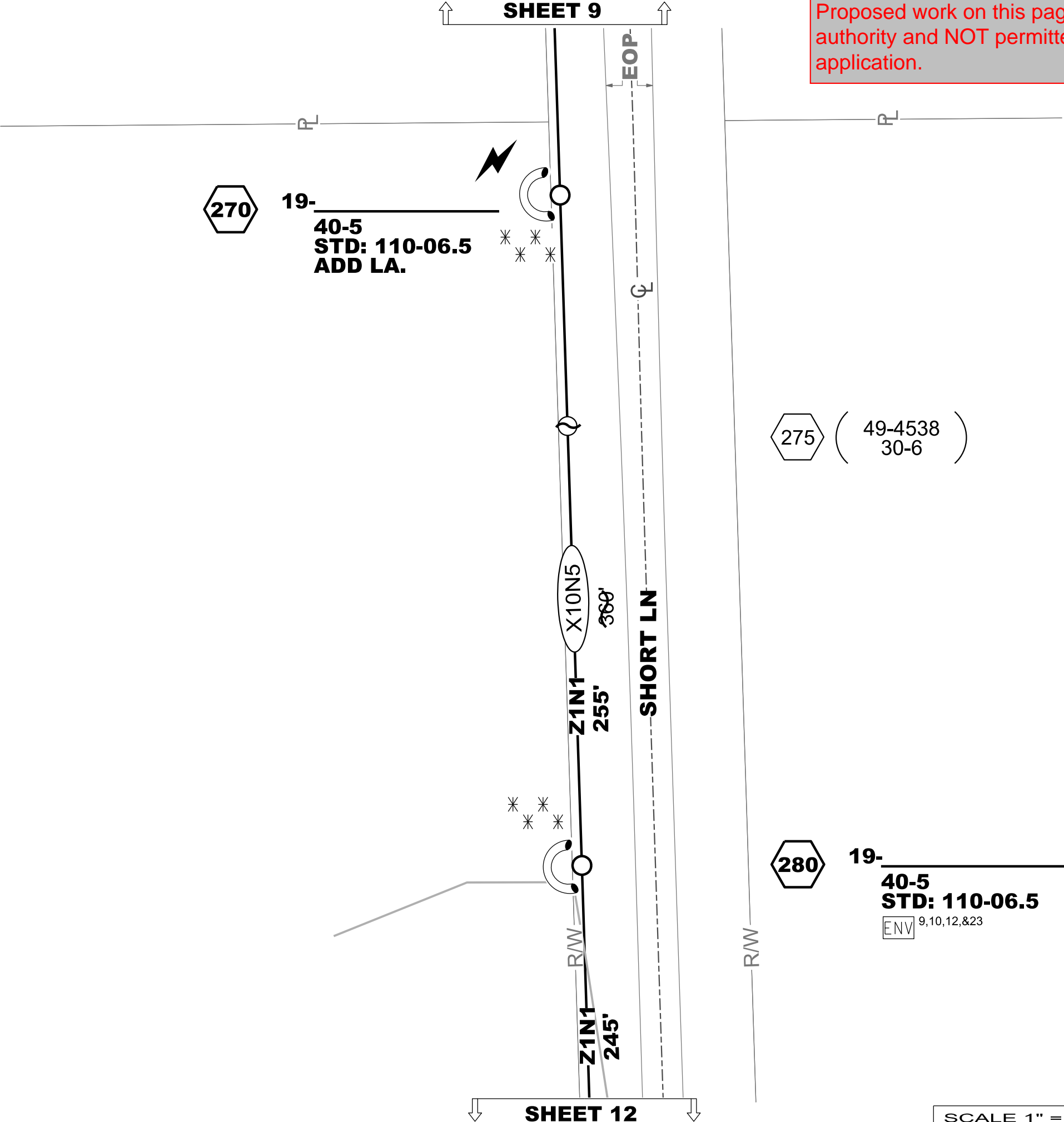






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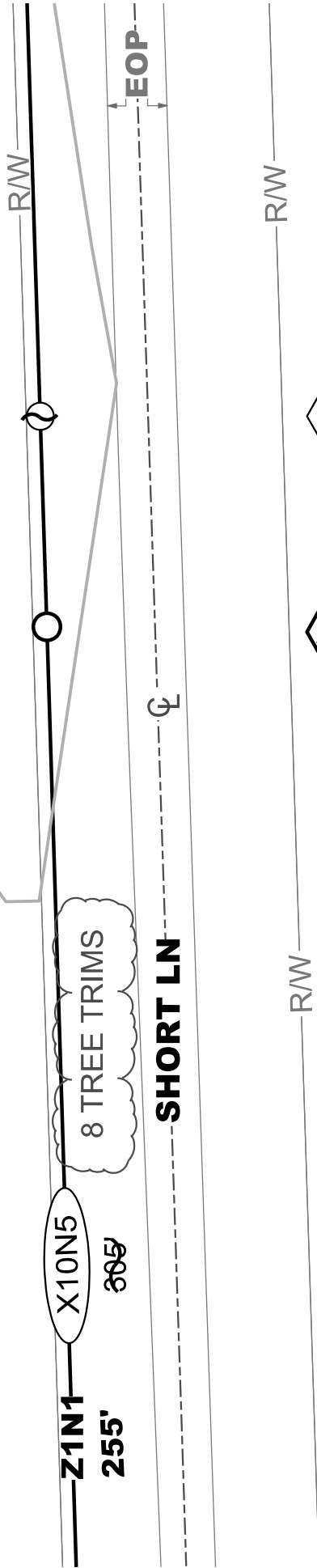
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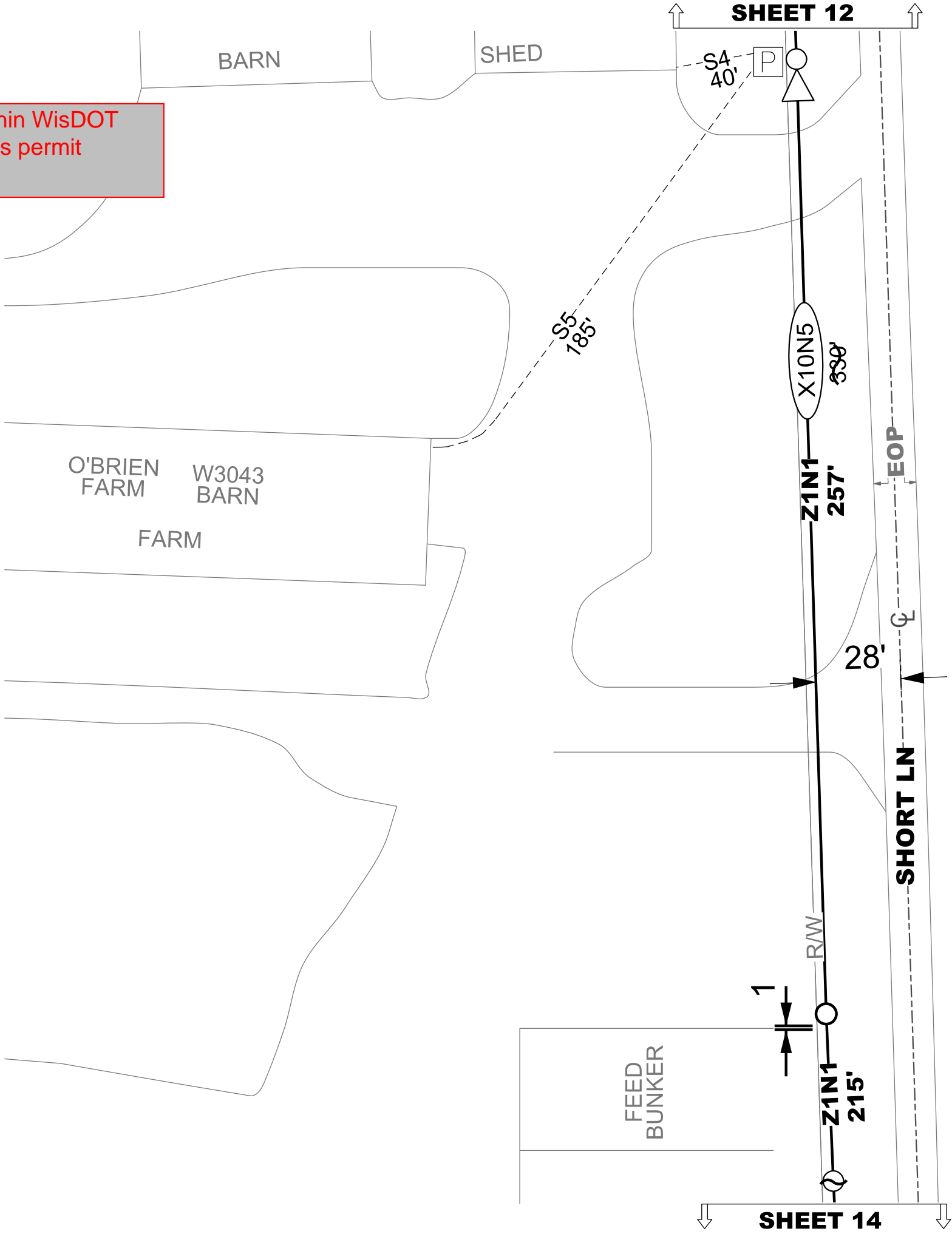
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ENV 9,10,11,15,&23

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STD: 110-06.5
ENV 9,10,11,12, 13,14,&23



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300

93-13201
45-4
50C

**REFUSE & CUTOVER
TVCOH**

310

PED
07U4893



340

19-
45-5
STD: 110-06.5

345

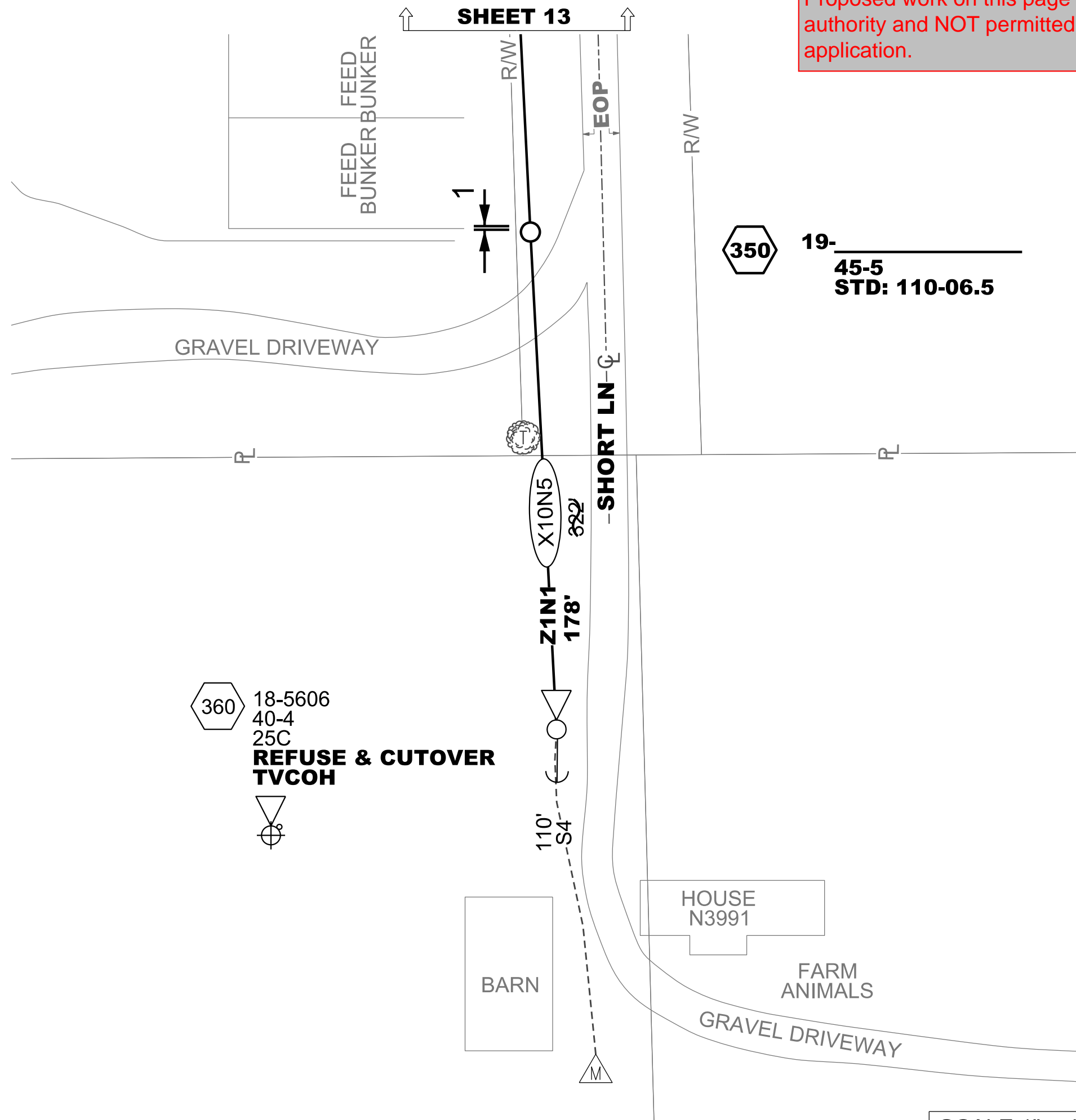
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MANUFACTURER: _____

KVA: _____ 15 KVA

VOLTAGE: _____ 120/240

LOCATION ID: _____

PHASE: _____ C

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____

230

MANUFACTURER: _____

KVA: _____ 15

VOLTAGE: _____ 120/240

LOCATION ID: _____

PHASE: _____ C

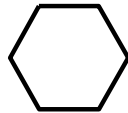
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DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

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Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____



MANUFACTURER: _____

KVA: _____

VOLTAGE: _____

LOCATION ID: _____

PHASE: _____

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____

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MANUFACTURER: _____

KVA: _____ 15KVA

VOLTAGE: _____ 120/240

LOCATION ID: _____

PHASE: _____ C

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____



MANUFACTURER: _____

KVA: _____

VOLTAGE: _____

LOCATION ID: _____

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FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
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SWITCHED BY: _____ DATE/TIME: _____



MANUFACTURER: _____

KVA: _____

VOLTAGE: _____

LOCATION ID: _____

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FLUID TYPE: _____

DESIGN IZ: _____

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MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____

220

MANUFACTURER: _____

KVA: _____ 50

VOLTAGE: _____ 120/240

LOCATION ID: _____

PHASE: _____ C

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____



MANUFACTURER: _____

KVA: _____

VOLTAGE: _____

LOCATION ID: _____

PHASE: _____

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____



MANUFACTURER: _____

KVA: _____

VOLTAGE: _____

LOCATION ID: _____

PHASE: _____

FLUID TYPE: _____

DESIGN IZ: _____

SERIAL: _____

MATERIAL #: _____

FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____

<div><div>WE ENERGIES - ELECTRIC OPERATIONS</div><div>UNLESS OTHERWISE NOTED IN THIS DOCUMENT, THE FOLLOWING NOTES APPLY: -LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD. -MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE. -THIS APPLIES TO GAS AND WATER MAINS. -MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS. -MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER. -MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS. NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.</div></div>	<div><div>OVERHEAD PRIMARY</div><div>E, F, H, Q, R, W, X or Z</div><div><div>Z1#2 ACSR</div><div>Z1#1/0 ACSR</div><div>Z2#3/0 ACSR</div><div>Z3#2 ACSR</div><div>Z4#1/0 ACSR</div><div>Z5#3/0 ACSR</div><div>Z7#336 ACSR</div><div>Z9SPECIAL LIST ON SKETCH</div><div>Z101 WIRE REMOVAL</div><div>Z112 WIRE REMOVAL</div><div>Z123WIRE REMOVAL</div></div></div>	<div><div>STANDARD WIRE KEY</div><div>STATIC WIRE -</div><div>SW1/0AS for W, H and J; 2/0AS for R</div><div>DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z</div><div><div>Z13#1 AL 25KV</div><div>Z14#3 AL 25KV</div><div>Z15#500 AL 28KV</div><div>X16#2 AL 15KV</div><div>X17#2 AL 15KV</div><div>X18#500 AL 15KV</div><div>R19#1/0 AL 35KV</div><div>R20#750 AL 35KV</div><div>Z21#750 AL 28KV</div></div><div><div>X22#2 Cu 15kV</div><div>X23#2 Cu 15kV</div><div>Z24#2 Cu 25kV</div><div>Z25#2 Cu 25kV</div><div>X26#500 Cu 15kV</div><div>Z27#500 Cu 28kV</div><div>Z28#750 Cu 28kV</div><div>Z29SPECIAL - LIST ON SKETCH</div></div></div>	<div><div>NEUTRAL</div><div>N1#2 ACSR</div><div>N1#1/0 ACSR</div><div>N2#3/0 ACSR</div><div>N3#4/0 AL</div><div>N4#336 ACSR</div><div>N5REMOVAL</div><div>GUYING</div><div>G1/4" ARM GUY</div><div>G15/16" ARM GUY</div><div>G23/8" ARM GUY</div><div>G35/16" POLE GUY</div><div>G43/8" POLE GUY</div><div>G57/16" POLE GUY</div></div>	<div><div>SECONDARY - 1PHASE</div><div>S6DX</div><div>S14 TX</div><div>S22 TX</div><div>S31/0 TXR</div><div>S43/0 TXR</div><div>S5350 TXR</div><div>S6750 TXR</div><div>S71/0 TXF</div><div>S84/0 TXF</div><div>S9336 TXR</div><div>S10750 TXF</div><div>S113 WIRE REMOVAL</div><div>S123 WIRE MAIN</div><div>S146DX CIC</div><div>S151/0TX CIC</div></div>	<div><div>SECONDARY - 3PHASE</div><div>\$1/0 TXF</div><div>\$14/0 TXF</div><div>\$2336 TXF</div><div>\$33/0 TX</div><div>\$4350 TX</div><div>\$5750 TX</div><div>\$61/0 QXF</div><div>\$73/0 QXF</div><div>\$8350 QXR</div><div>\$9750 QXR</div><div>\$103 WIRE REMOVAL</div><div>\$113/0 QXR</div><div>\$124 WIRE REMOVAL</div></div>
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<div><div>EROSION CONTROL LEGEND</div><div><div><div><div>ENV</div><div>8, 27</div></div><div>APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION</div></div></div></div>	
<div><div><div></div><div>A/B/C/D</div></div></div>	<div><div>INLET PROTECTION, TYPE</div></div>
<div><div><div></div><div>12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL</div></div></div>	
<div><div><div></div><div>STONE DITCH CHECK</div></div></div>	
<div><div><div></div><div>ROCK BAG</div></div></div>	
<div><div><div></div><div>MULCH</div></div></div>	
<div><div><div></div><div>SOIL STABILIZER, TYPE A</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS I, TYPE A</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS I, TYPE B</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS I, TYPE A URBAN</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS I, TYPE B URBAN</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS II</div></div></div>	
<div><div><div></div><div>EROSION MAT CLASS III</div></div></div>	
<div><div><div></div><div>VEGETATIVE BUFFER</div></div></div>	
<div><div><div></div><div>TRACKING PAD</div></div></div>	
<div><div><div></div><div>TIMBER MAT</div></div></div>	
<div><div><div></div><div>SILT FENCE</div></div></div>	
<div><div><div><div>TSB</div></div><div>TEMPORARY SEDIMENT BASIN</div></div></div>	
<div><div><div></div><div>SURFACE WATER FLOW</div></div></div>	

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

General

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

Erosion Control

- 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.
- 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.
- Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
- 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

- 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

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

Notes 8 through 27 apply as noted at speciflc points withln each work request:

Dewaterlng

- 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

- 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.
- All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands.
- 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.
- Excavated soils cannot be stockpiled in wetlands.

Waterways

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- 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

- 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.
- In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- Exclusion fencing must be installed at the work area prior to March 15.
- A qualified biologist must be present when conducting work at this location.

Invasive Specles

- 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.

- 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.
- 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.
- 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

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



Environmental Checklist for the Wisconsin Department of Transportation Utility Permits

We Energies has completed a comprehensive environmental review for the Eden Retirement project (WR4275310). The review included an evaluation for impacts to wetlands, waterways, rare species, cultural resources, and erosion control.

Resource Impacts & Permit Coverage

Wetlands

- ☐ No Impacts
☒ Yes (Brief description of impacts*): Pole replacement
- Permit Coverage (check all that apply):
- | | |
|---|--|
| <input type="checkbox"/> NA | <input checked="" type="checkbox"/> USACE Utility Reg. |
| | <input type="checkbox"/> GP USACE NWP |
| <input checked="" type="checkbox"/> WDNR GP3 | <input type="checkbox"/> Individual Permit |
| <input type="checkbox"/> WDNR General Permit: {GP Category} | |
| <input type="checkbox"/> WDNR Individual Permit | |

Waterways

- ☒ No Impacts
☐ Yes (Brief description of impacts*):
- Permit Coverage (check all that apply):
- | | |
|---|---|
| <input checked="" type="checkbox"/> NA | <input type="checkbox"/> USACE Utility Reg. |
| | <input type="checkbox"/> GP USACE NWP |
| <input type="checkbox"/> WDNR GP3 | <input type="checkbox"/> Individual Permit |
| <input type="checkbox"/> WDNR General Permit: {GP Category} | |
| <input type="checkbox"/> WDNR Individual Permit | |

Cultural Resources

- ☒ No Impacts
☐ Yes (Brief description of impacts*):
☐ SHPO Letter of Permission or other approval obtained

Rare Species

- ☒ No Impacts
☐ Yes (Brief description of impacts*)
Note: Specific species and location references due to confidentiality of data and license agreement with the WDNR Bureau of Endangered Resources.
- ☐ WDNR Incidental Take Authorization Obtained

Erosion Control

- Permit(s) Required
☒ No ☐ Yes
- Permit Coverage (Check all permits that apply, include local agency names):
- | |
|---|
| <input type="checkbox"/> WDNR NOI (NR 216) |
| <input type="checkbox"/> County(ies): |
| <input type="checkbox"/> Municipality(ies): |





***Note any other specific information specific to this project as it relates to the WisDOT Utility Permit:**

List all Work Requests included in this review:
WR 4275310

Reviewed and Submitted by: Kathryn McNelly-Bell
(We Energies Environmental Department)




7/22/2019
(Date)



TRAFFIC CONTROL LEGEND		NOTES		
 WORK AREA		<ul style="list-style-type: none">• SHOULDER CLOSURE ON COUNTY ROAD B. <div>REFERENCE DOT S.D.D. 15 D 27-3</div>	 Primeris Services Corporation Q3 Contracting: 262-522-8015	Q3 JOB NO: 2449042
 TEMP. SIGN SUPPORT				PROJECT/P.O.#: 4275310 IO#52553
 TRAFFIC CONTROL DRUM WITHOUT LIGHT				PREPARED BY: ASHLEY OLSON
			DATE PREPARED: 08/30/2019	STAGING TIME: 1 HOUR
			CUSTOMER NAME: WE ENERGIES (MFSC)	ORDERED BY: NICHOLAS WELCH
			PROJECT LOCATION: W2896 COUNTY ROAD B	
			CITY: EDEN	
			WORK DESCRIPTION: CONVERSION & REBUILD	



NOTES

TRAFFIC CONTROL LEGEND	
	WORK AREA
	TEMP. SIGN SUPPORT
	TRAFFIC CONTROL DRUM WITHOUT LIGHT

- SHOULDER CLOSURE ON COUNTY ROAD B, USH 45 & SHORT LN.

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



Q3 Contracting: 262-522-8015

Q3 JOB NO: 2449042

PROJECT/P.O.#:	4275310 IO#52553
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PREPARED BY: ASHLEY OLSON

DATE PREPARED: 08/30/2019

STAGING TIME: 1 HOUR

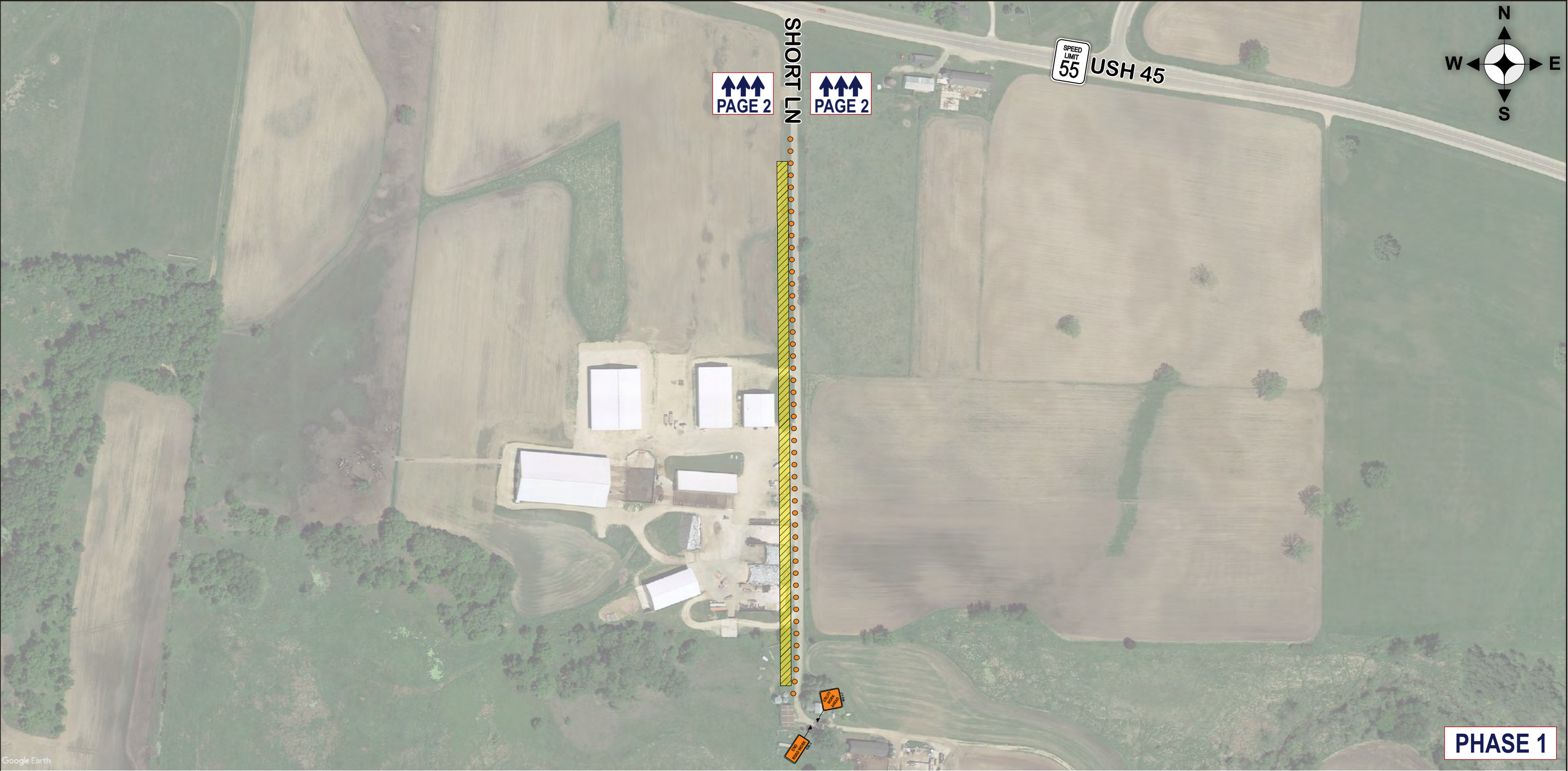
CUSTOMER NAME: WE ENERGIES (MFSC)





ORDERED BY: NICHOLAS WELCH

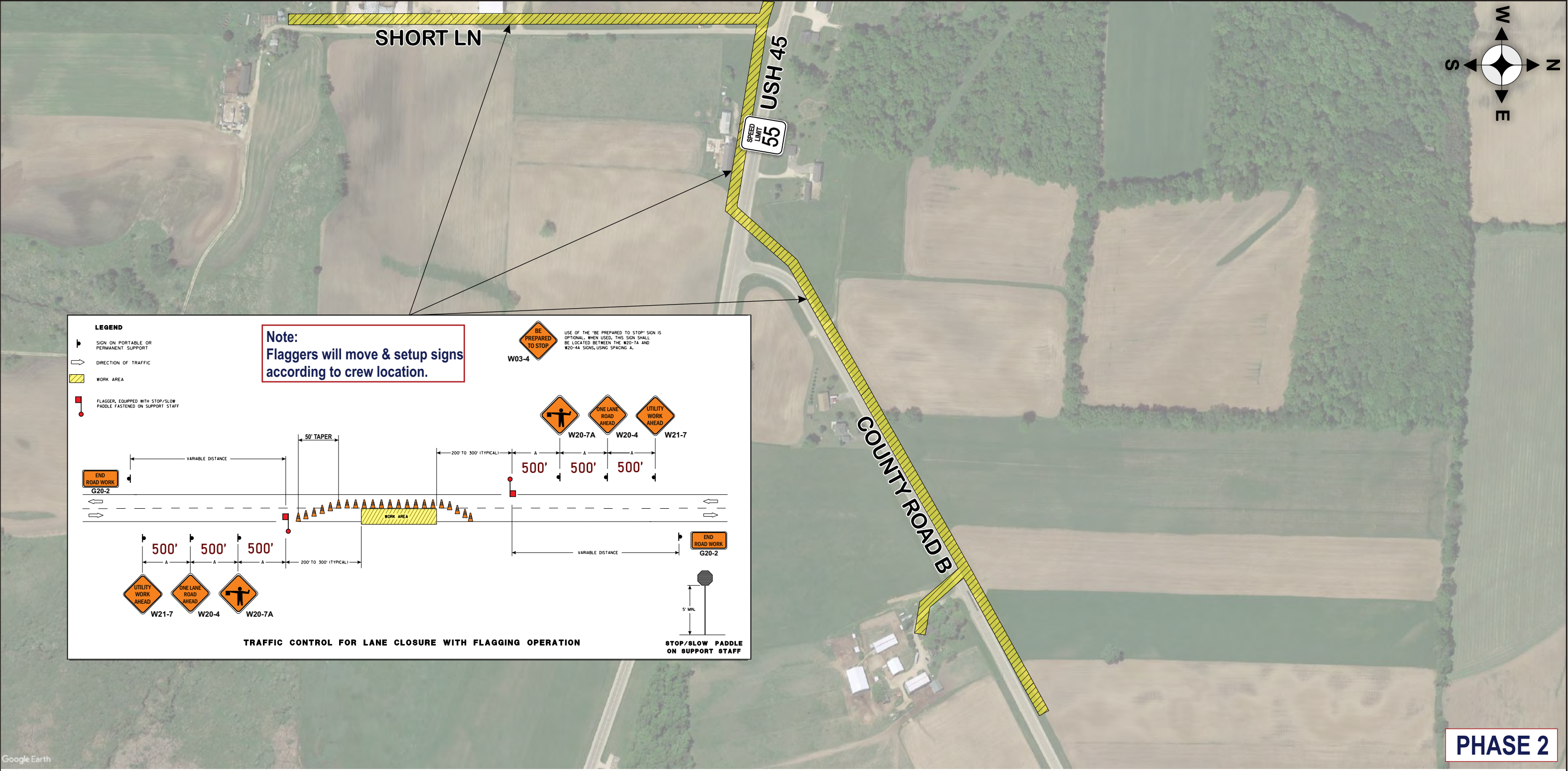
PROJECT LOCATION: W2896 COUNTY RD B

CITY: EDEN

WORK DESCRIPTION: CONVERSION & REBUILD



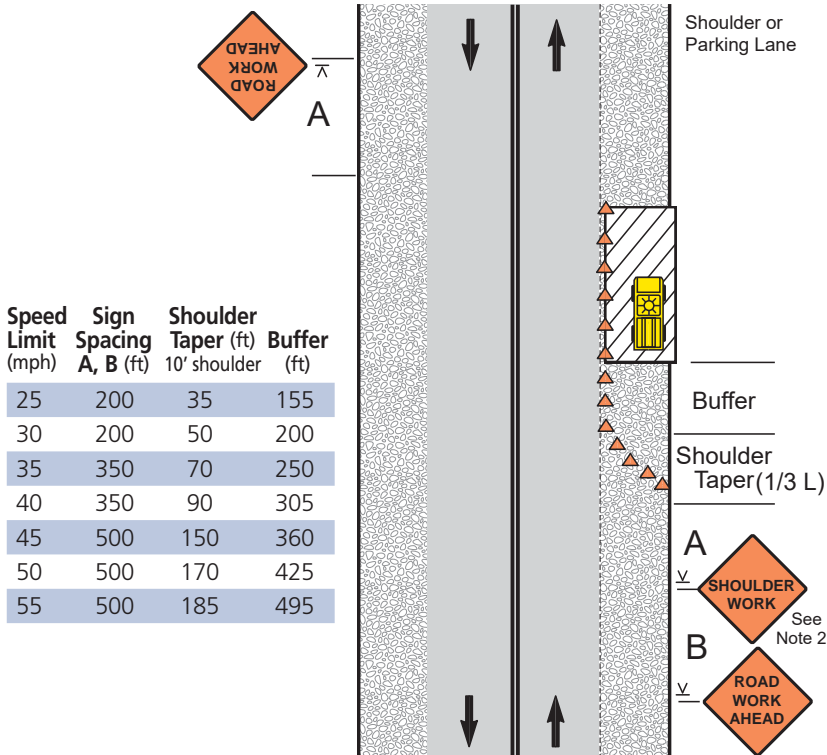
TRAFFIC CONTROL LEGEND		NOTES		
	WORK AREA	<ul style="list-style-type: none">• SHOULDER CLOSURE ON SHORT LN. <div>REFERENCE DOT S.D.D. 15 D 27-3</div>	 Primoris Services Corporation Q3 Contracting: 262-522-8015	Q3 JOB NO: 2449042
	TEMP. SIGN SUPPORT			PROJECT/P.O.#: 4275310 IO#52553
	TRAFFIC CONTROL DRUM WITHOUT LIGHT			PREPARED BY: ASHLEY OLSON
			DATE PREPARED: 08/30/2019	STAGING TIME: 1 HOUR
			CUSTOMER NAME: WE ENERGIES (MFSC)	ORDERED BY: NICHOLAS WELCH
			PROJECT LOCATION: W2896 COUNTY ROAD B	
			CITY: EDEN	
			WORK DESCRIPTION: CONVERSION & REBUILD	



Google Earth

TRAFFIC CONTROL LEGEND		NOTES		PHASE 2	
	WORK AREA	<ul style="list-style-type: none">FLAGGING SETUP ON COUNTY ROAD B, USH 45 & SHORT LN. <div>Note: Flaggers will move & setup signs according to crew location.</div> <div>REFERENCE DOT S.D.D. 15 C 12-4</div>	 Q3 Contracting: 262-522-8015	Q3 JOB NO:	2449042
	TEMP. SIGN SUPPORT			PROJECT/P.O.#:	4275310 IO#52553
	28" INCH TRAFFIC CONE			PREPARED BY:	ASHLEY OLSON
	FLAGGER			DATE PREPARED:	08/30/2019
				STAGING TIME:	1 HOUR
				CUSTOMER NAME:	WE ENERGIES (MFSC)
				ORDERED BY:	NICHOLAS WELCH
				PROJECT LOCATION:	W2896 COUNTY ROAD B
				CITY:	EDEN
				WORK DESCRIPTION:	CONVERSION & REBUILD

Work on Shoulder or Parking Lane

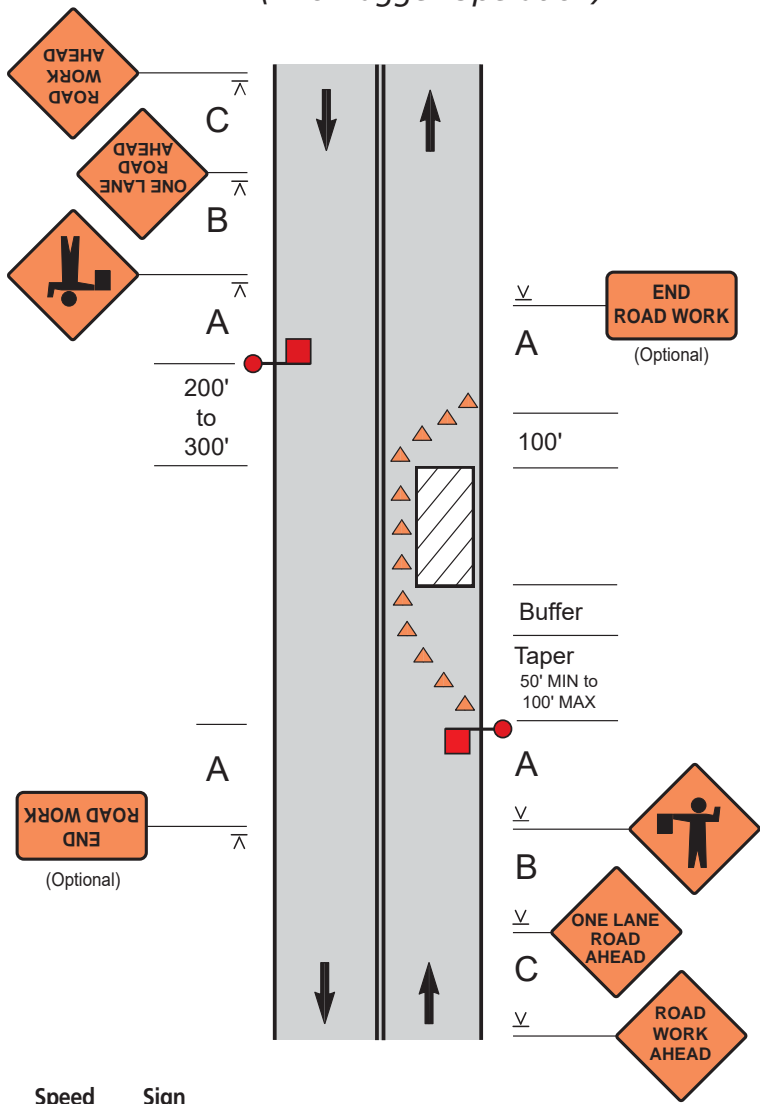


Notes

1. Encroachment into the traffic lane is allowable, but a 10-foot minimum travel lane width should be maintained. A lane closure should be considered if there is encroachment on roads with speeds greater than 35 mph, or for other conditions where workers, equipment, or the work activity would benefit from the lateral buffer (see pages 22 and 23).
2. If there is encroachment into the traffic lane, a ROAD NARROWS sign may be used instead of SHOULDER WORK. For roads with low volume, the SHOULDER WORK or ROAD NARROWS sign can be omitted.
3. For short duration work (60 minutes or less), the channelizing devices may be omitted if a vehicle with activated high intensity lights is used. For short duration work with no lane encroachment, the signs may also be omitted.
4. Workers, UTILITY WORK AHEAD, SHOULDER WORK AHEAD, or SURVEY CREW signs may be used instead of SHOULDER WORK or ROAD WORK AHEAD.
5. When work area is at least 2' from traffic lane on roads with low volume and speeds of 35 mph or less, the sign on opposite side can be omitted.

If shoulder closure encroaches on travel way edgeline with vehicle/equipment, a lane closure with flagging should be utilized instead.

Lane Closure on a Two-Lane Road
(Two Flagger Operation)

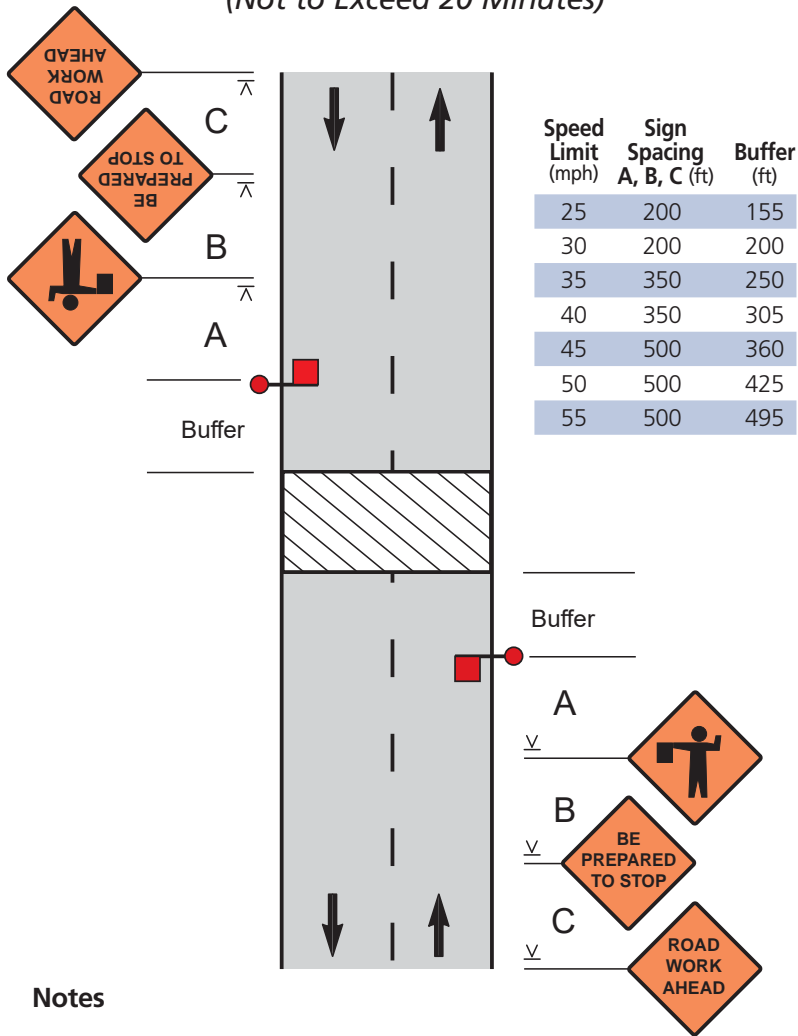


Speed Limit (mph)	Sign Spacing A, B, C (ft)	Buffer (ft)
25	200	155
30	200	200
35	350	250
40	350	305
45	500	360
50	500	425
55	500	495

Notes

1. The flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 56.
2. For short duration work (60 minutes or less), the ROAD WORK AHEAD sign may be omitted.

Temporary Road Closure (Not to Exceed 20 Minutes)



Notes

1. Conditions represented are for work which requires closings during daytime hours only.
2. This application is intended for a planned temporary closing not to exceed 20 minutes.
3. A flagger or uniformed officer shall be used for this application.
4. The flagger should stop the first vehicle from the shoulder as shown. After stopping the first vehicle if the view of the flagger is obstructed, then he/she should move toward the centerline to stop additional traffic.
5. Flaggers shall use approved flagging procedures according to the MUTCD and as shown on page 56.